

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110220\
 Data File : VN064411.D
 Acq On : 2 Nov 2020 13:18
 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
 11/3/2020 2:20:39 PM

Quant Time: Nov 03 03:34:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 02 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	62464	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.54	114	347667	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	319195	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	156102	30.61	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.03%
60) 4-Bromofluorobenzene	12.37	95	161760	29.99	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.97%
63) Toluene-d8	10.06	98	428560	30.11	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	90455	22.515	ug/l 96
3) Chloromethane	2.04	50	81338	19.599	ug/l 96
4) Vinyl Chloride	2.16	62	80627	18.830	ug/l 99
5) Bromomethane	2.54	94	50120	17.935	ug/l 95
6) Chloroethane	2.68	64	46434	18.583	ug/l 97
7) Trichlorofluoromethane	2.99	101	132003	18.609	ug/l 94
8) Diethyl Ether	3.38	74	36019	16.551	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	62338	17.657	ug/l 98
10) 1,1-Dichloroethene	3.69	96	57985	17.160	ug/l 93
11) Methyl Iodide	3.91	142	74769	16.484	ug/l 95
12) Methyl Acetate	4.28	43	57745	16.330	ug/l 93
13) Acrolein	3.57	56	19353	56.699	ug/l 95
14) Acrylonitrile	4.93	53	130125	81.789	ug/l 90
15) Acetone	3.77	58	42799	77.637	ug/l 97
16) Carbon Disulfide	4.01	76	166847	17.398	ug/l 99
17) Allyl chloride	4.27	41	99835	16.844	ug/l 99
18) Methylene Chloride	4.50	84	67825	17.347	ug/l 93
19) trans-1,2-Dichloroethene	4.98	96	62950	16.925	ug/l 95
20) Diisopropyl ether	5.90	45	219763	17.327	ug/l 95
21) 1,1-Dichloroethane	5.79	63	120448	16.838	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	74105	16.814	ug/l 98
23) tert-Butyl Alcohol	4.72	59	48816	80.797	ug/l # 100
24) Methyl tert-Butyl Ether	4.98	73	207150	17.130	ug/l # 62
25) Chloroform	7.32	83	130637	17.049	ug/l 90
26) Cyclohexane	7.61	56	94413	16.664	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	95684	17.107	ug/l 86
30) 2-Butanone	6.78	43	196894	77.536	ug/l 99
31) 2,2-Dichloropropane	6.78	77	116406	16.953	ug/l 100
32) 1,1,1-Trichloroethane	7.52	97	125128	17.065	ug/l 99
33) Carbon Tetrachloride	7.73	117	112528	17.036	ug/l 96
34) Benzene	8.00	78	267419	16.874	ug/l 97
35) Methacrylonitrile	7.12	41	41817	16.657	ug/l 92
36) 1,2-Dichloroethane	8.08	62	113187	17.270	ug/l 98
37) Trichloroethene	8.80	130	74042	16.641	ug/l 97
38) Methylcyclohexane	9.05	83	85973	16.946	ug/l 96
39) 1,2-Dichloropropane	9.08	63	69748	17.154	ug/l 97
40) Dibromomethane	9.17	93	49733	16.877	ug/l 98

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Quant Time: Nov 03 03:34:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 02 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.37	83	108811	17.481	ug/l	95
42) Vinyl Acetate	5.84	43	888627	82.661	ug/l	100
43) Ethyl Acetate	6.87	43	74397	15.129	ug/l #	78
44) Isopropyl Acetate	8.12	43	143481	16.403	ug/l #	80
45) 1,4-Dioxane	9.16	88	18928	308.370	ug/l	99
46) Methyl methacrylate	9.16	41	73453	17.009	ug/l	89
47) n-amyl Acetate	12.04	43	114833	15.435	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	114054	16.603	ug/l	97
49) cis-1,3-Dichloropropene	9.80	75	117290	16.501	ug/l	96
50) 1,1,2-Trichloroethane	10.53	97	65633	16.587	ug/l	90
51) Ethyl methacrylate	10.40	69	88781	15.619	ug/l	95
52) 1,3-Dichloropropane	10.68	76	113315	16.982	ug/l	97
53) Dibromochloromethane	10.87	129	82267	16.926	ug/l	97
54) 1,2-Dibromoethane	10.97	107	69572	16.427	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	217114	71.070	ug/l	99
56) Bromoform	12.10	173	52770	15.394	ug/l #	95
58) 4-Methyl-2-Pentanone	9.95	43	404275	80.018	ug/l	99
59) 2-Hexanone	10.72	43	293161	77.961	ug/l	98
61) Tetrachloroethene	10.60	164	75702	17.495	ug/l	95
62) Toluene	10.12	91	294770	16.487	ug/l	100
64) Chlorobenzene	11.40	112	187638	16.764	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	74302	17.086	ug/l	97
66) Ethyl Benzene	11.48	91	330155	16.735	ug/l	96
67) m/p-Xylenes	11.59	106	245615	33.099	ug/l	99
68) o-Xylene	11.92	106	115974	16.218	ug/l	93
69) Styrene	11.94	104	195113	16.363	ug/l	98
70) Isopropylbenzene	12.22	105	305426	16.509	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	81033	15.751	ug/l	95
72) 1,2,3-Trichloropropane	12.52	75	81381m	14.133	ug/l	
73) Bromobenzene	12.50	156	80967	16.868	ug/l	96
74) n-propylbenzene	12.56	91	338534	16.688	ug/l	99
75) 2-Chlorotoluene	12.65	91	215078	16.737	ug/l	98
76) 1,3,5-Trimethylbenzene	12.70	105	259887	17.053	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	29904	15.792	ug/l	99
78) 4-Chlorotoluene	12.75	91	219054	16.499	ug/l	96
79) tert-butylbenzene	12.96	119	197859	16.233	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	254397	16.476	ug/l	98
81) sec-Butylbenzene	13.14	105	251146	16.335	ug/l	99
82) p-Isopropyltoluene	13.26	119	232215	16.437	ug/l	99
83) 1,3-Dichlorobenzene	13.25	146	130352	15.985	ug/l	100
84) 1,4-Dichlorobenzene	13.33	146	130645	15.905	ug/l	98
85) n-Butylbenzene	13.59	91	187983	16.671	ug/l	98
86) Hexachloroethane	13.85	117	43627	16.468	ug/l	94
87) 1,2-Dichlorobenzene	13.62	146	130043	16.517	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	17181	15.503	ug/l	94
89) 1,2,4-Trichlorobenzene	14.88	180	57806	15.014	ug/l	95
90) Hexachlorobutadiene	14.98	225	32251	15.739	ug/l	97
91) Naphthalene	15.10	128	168846	14.763	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	60380	15.860	ug/l	96

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VSTDCCC020

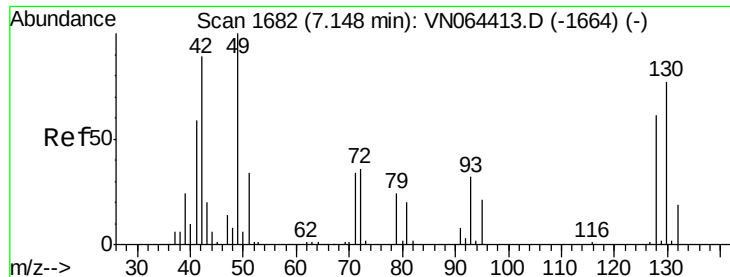
Manual Integrations
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11/3/2020 2:20:39 PM

Quant Time: Nov 03 03:34:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 02 15:45:48 2020
Response via : Initial Calibration

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

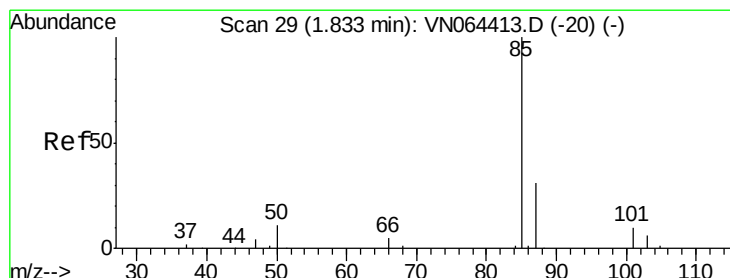
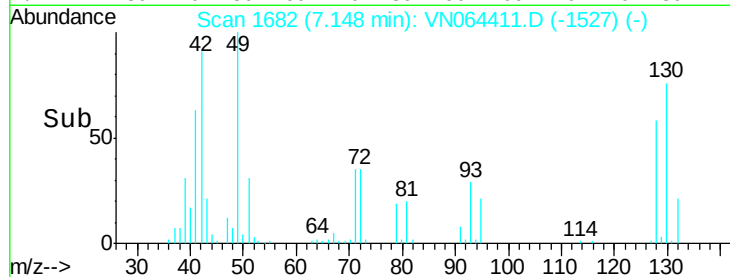
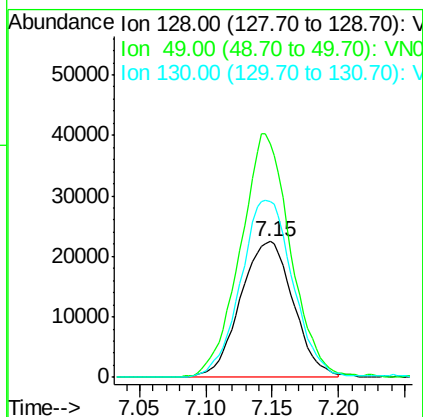
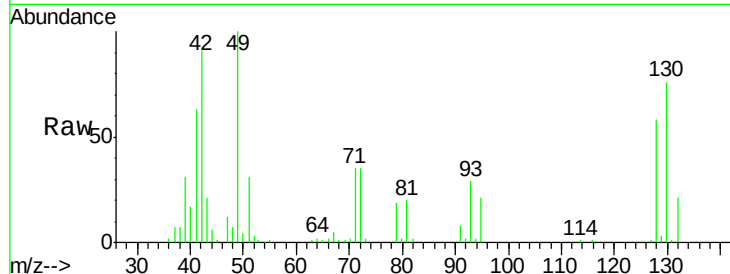
ClientSampleId :

VSTDCCC020

Tot Ion:	128	Resp:	62464
Ion	Ratio	Lower	Upper
128	100		
49	169.8	0.0	423.5
130	128.6	0.0	325.0

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#2

Dichlorodifluoromethane

Concen: 22.515 ug/l

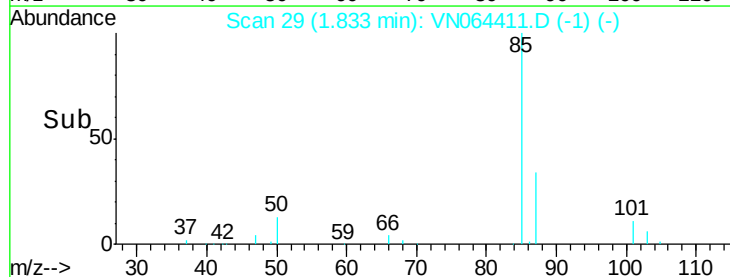
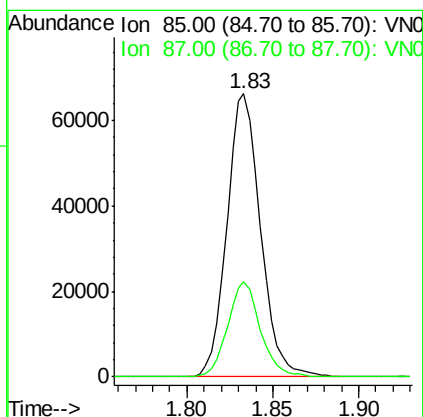
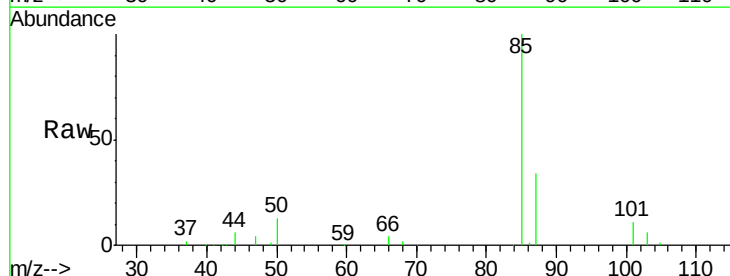
RT: 1.83 min Scan# 29

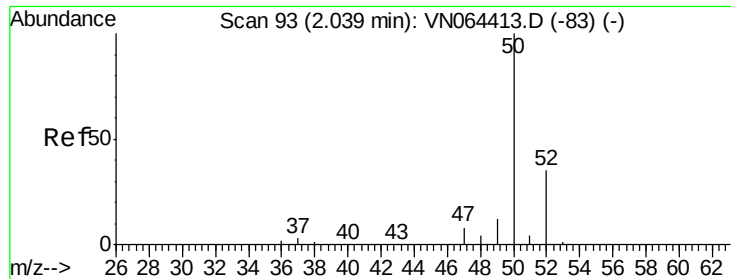
Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Tgt Ion:	85	Resp:	90455
Ion	Ratio	Lower	Upper
85	100		
87	33.9	15.7	47.1





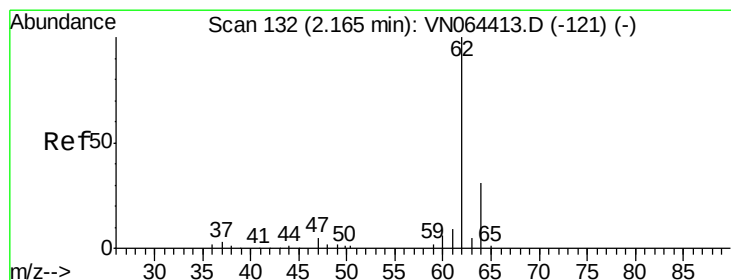
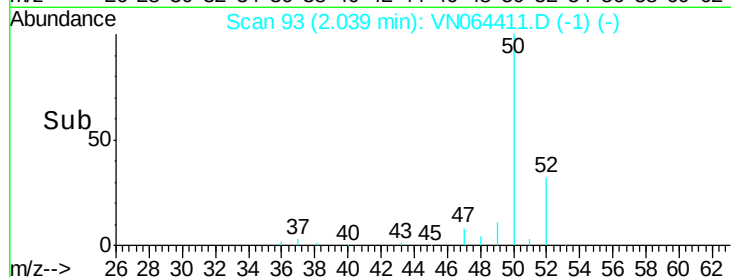
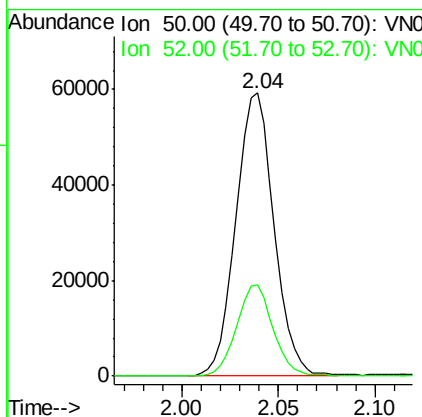
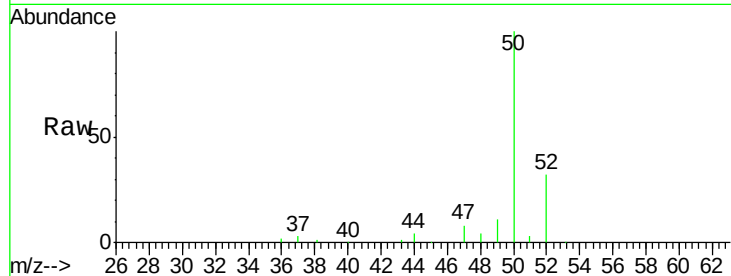
#3
Chloromethane
Concen: 19.599 ug/l
RT: 2.04 min Scan# 93
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion: 50 Resp: 81338
Ion Ratio Lower Upper
50 100
52 32.3 27.7 41.5

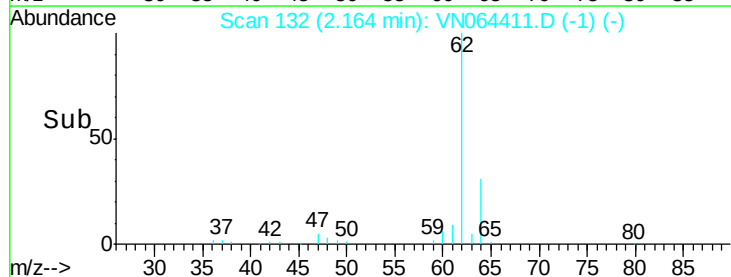
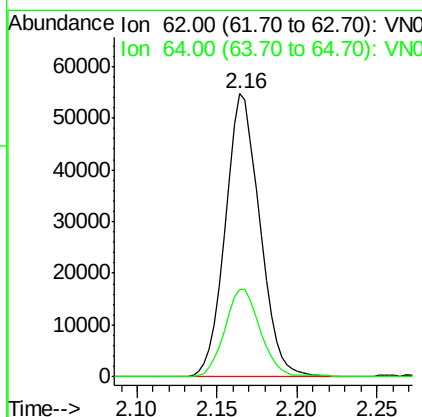
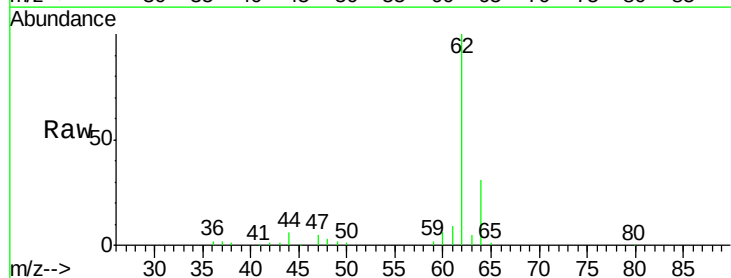
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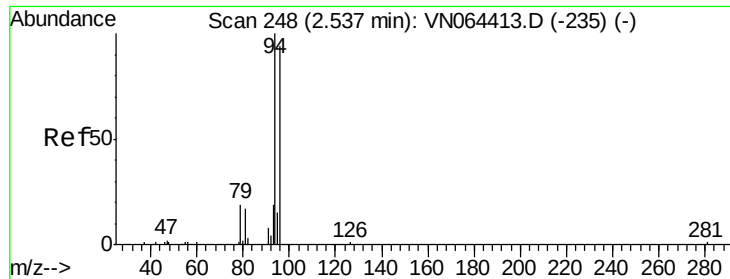
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#4
Vinyl Chloride
Concen: 18.830 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion: 62 Resp: 80627
Ion Ratio Lower Upper
62 100
64 31.1 24.5 36.7





#5

Bromomethane

Concen: 17.935 ug/l

RT: 2.54 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 50120

Ion Ratio Lower Upper

94 100

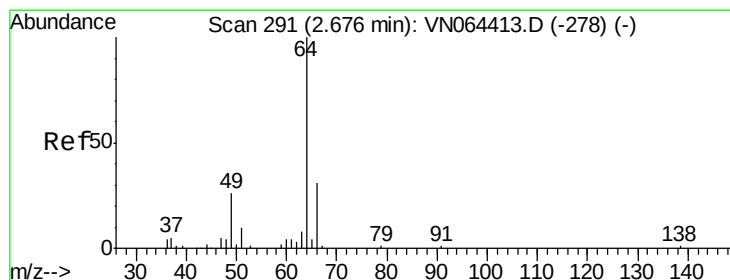
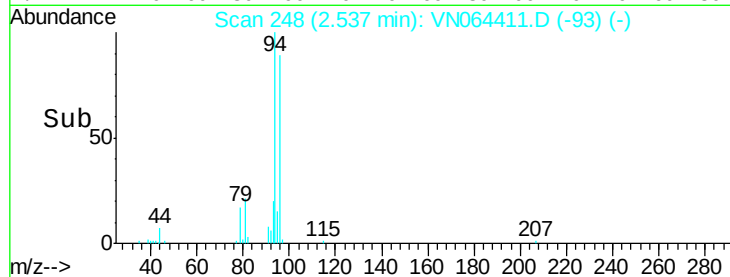
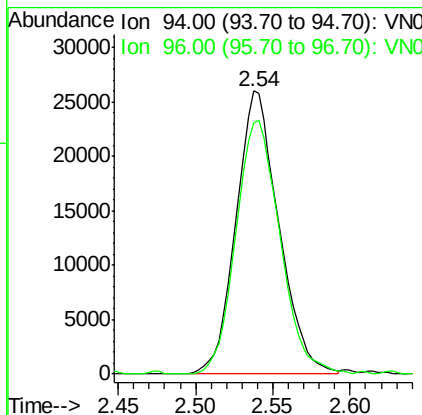
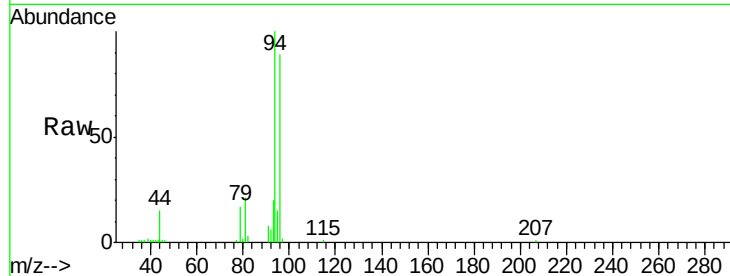
96 89.0 75.2 112.8

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#6

Chloroethane

Concen: 18.583 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN064411.D

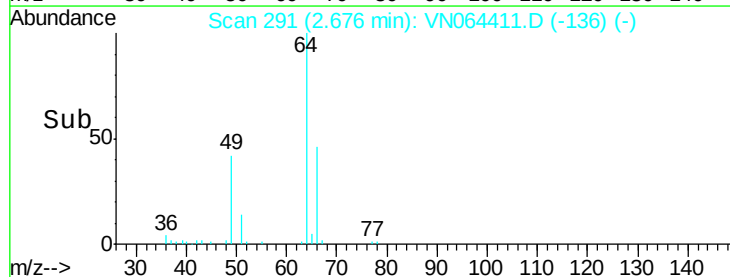
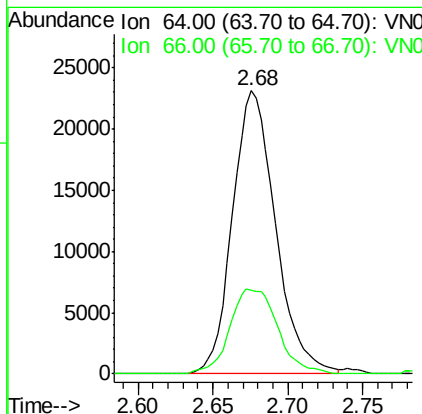
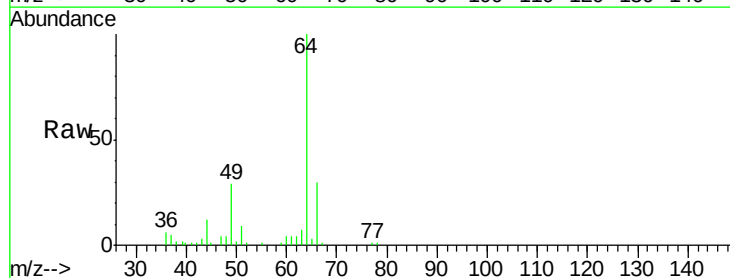
Acq: 2 Nov 2020 13:18

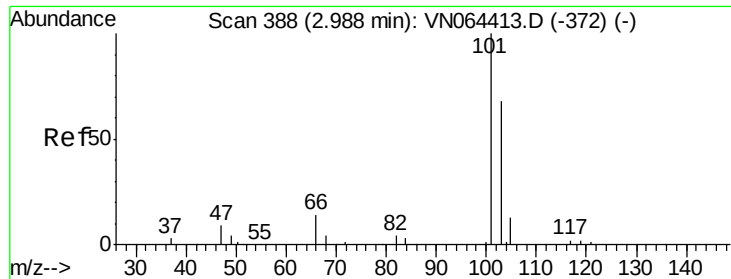
Tgt Ion: 64 Resp: 46434

Ion Ratio Lower Upper

64 100

66 29.6 25.0 37.4





#7

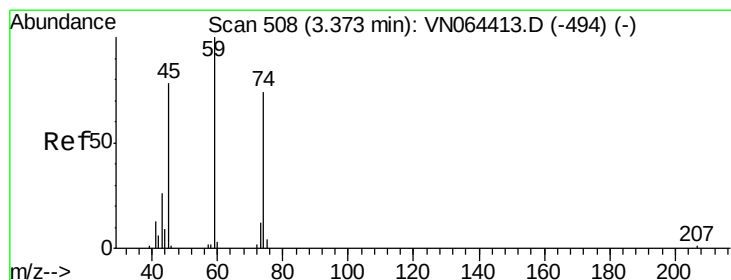
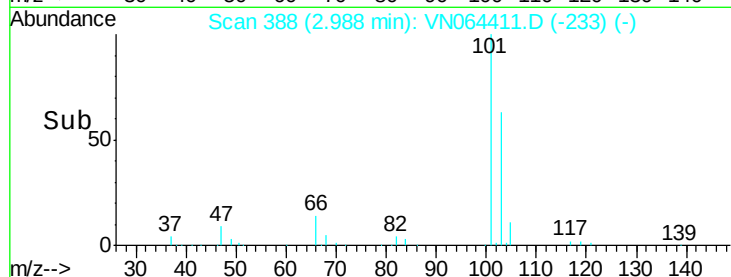
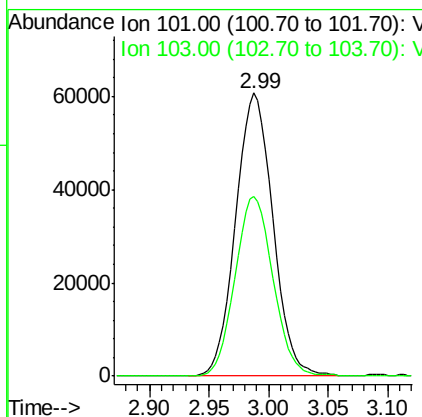
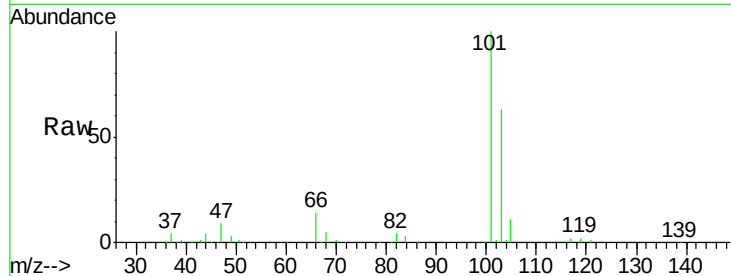
Trichlorofluoromethane
 Concen: 18.609 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
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 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	54.6	81.8

Manual Integrations
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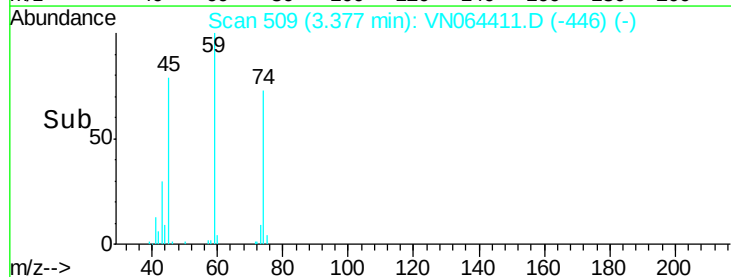
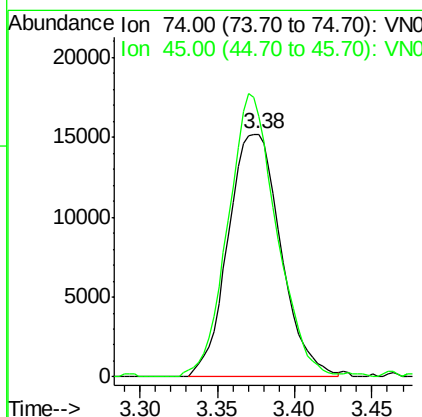
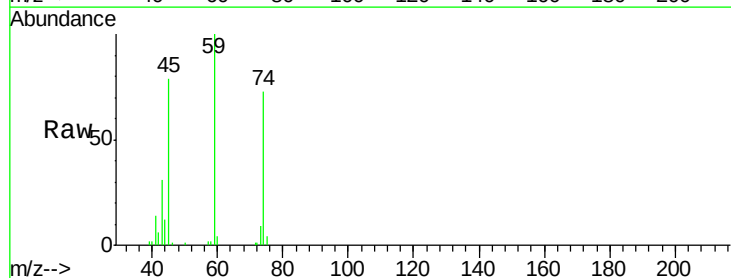
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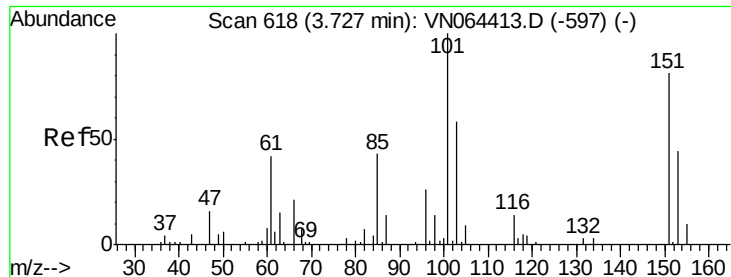


#8

Diethyl Ether
 Concen: 16.551 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.2	21.2	190.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.657 ug/l

RT: 3.72 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

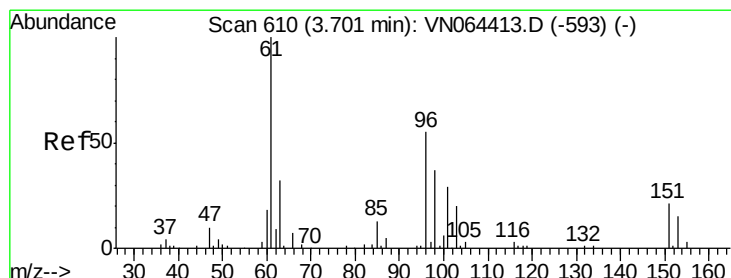
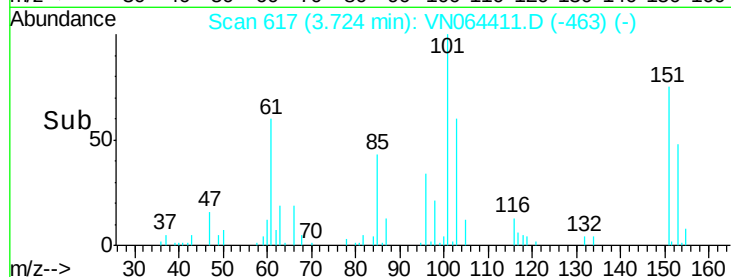
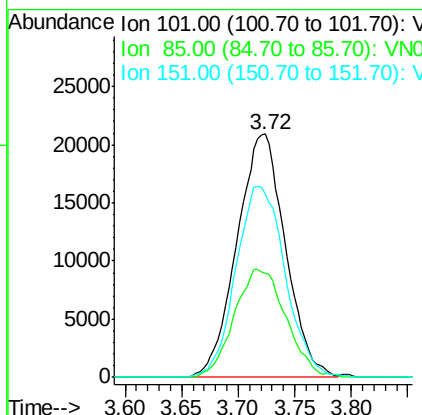
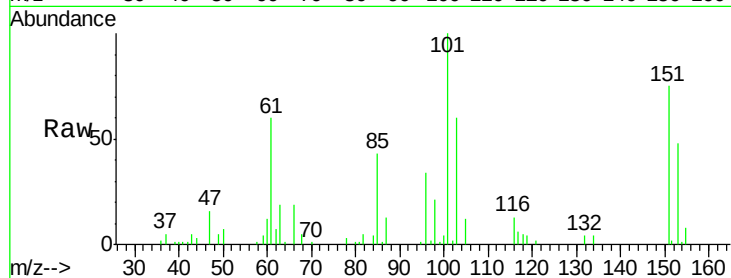
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	62338
Ion Ratio	Lower	Upper	
101	100		
85	47.3	0.0	89.6
151	80.2	0.0	158.8

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#10

1,1-Dichloroethene

Concen: 17.160 ug/l

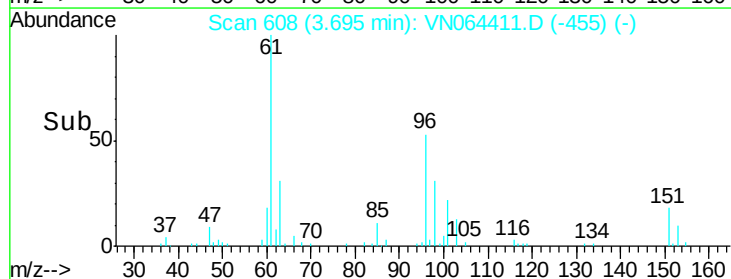
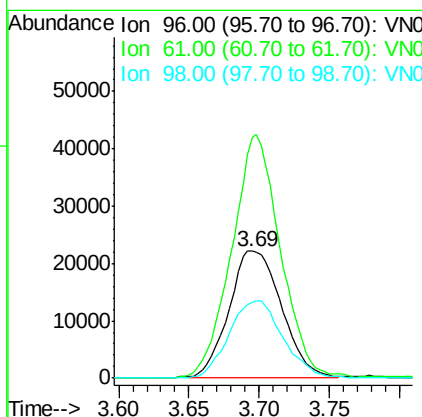
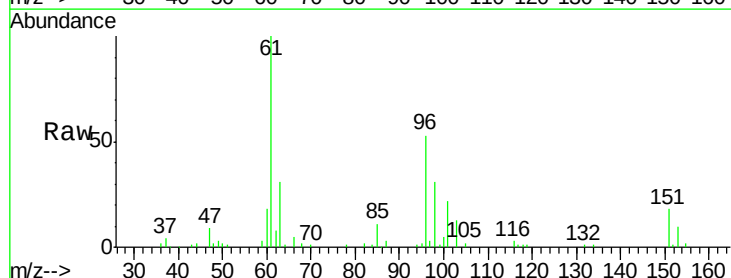
RT: 3.69 min Scan# 608

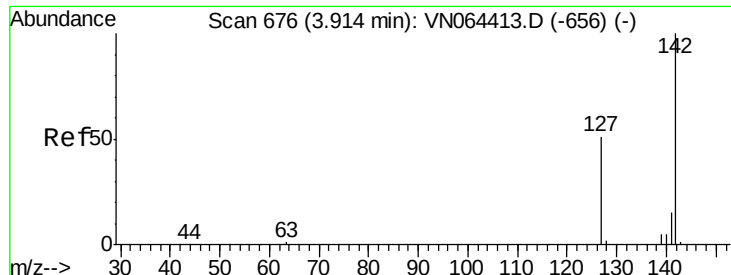
Delta R.T. -0.01 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Tgt Ion:	96	Resp:	57985
Ion Ratio	Lower	Upper	
96	100		
61	190.3	145.6	218.4
98	60.3	53.9	80.9





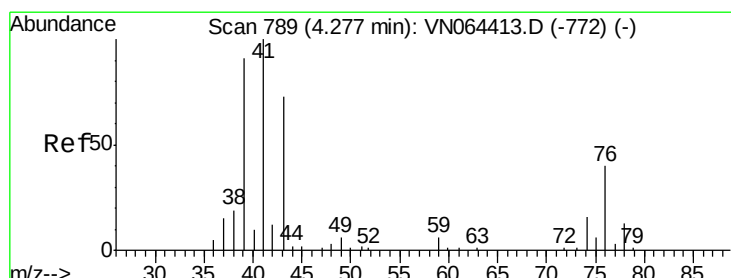
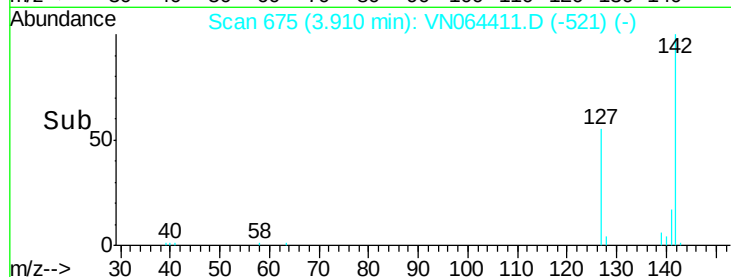
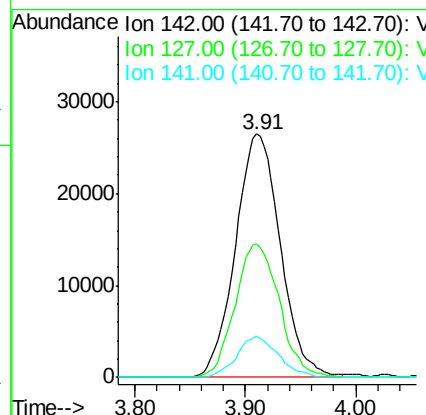
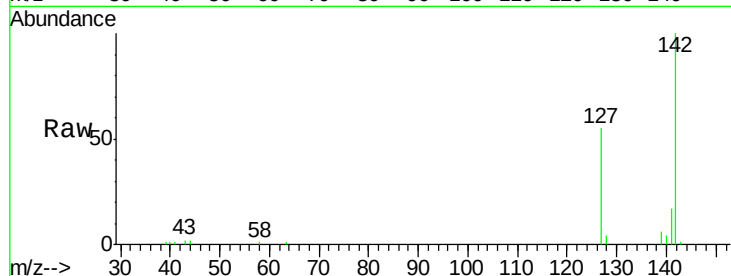
#11
Methvl Iodide
Concen: 16.484 ug/l
RT: 3.91 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	54.9	25.4	76.2
141	17.0	7.8	23.3

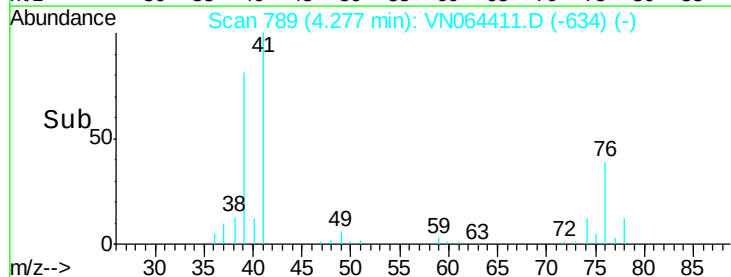
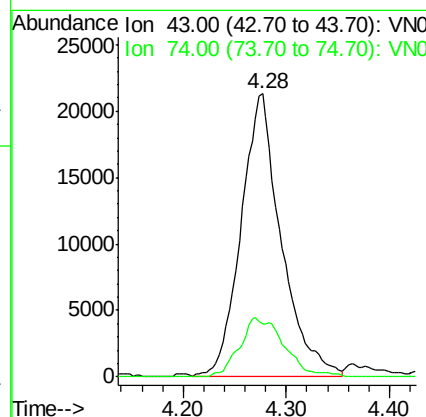
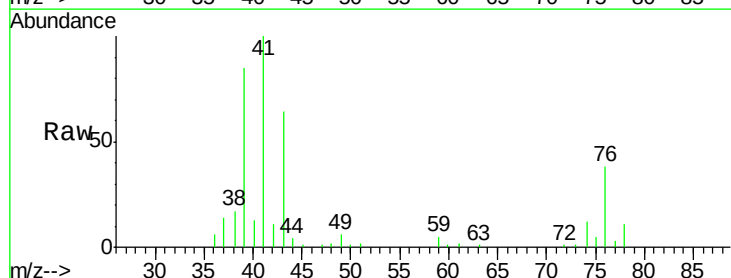
Manual Integrations
APPROVED

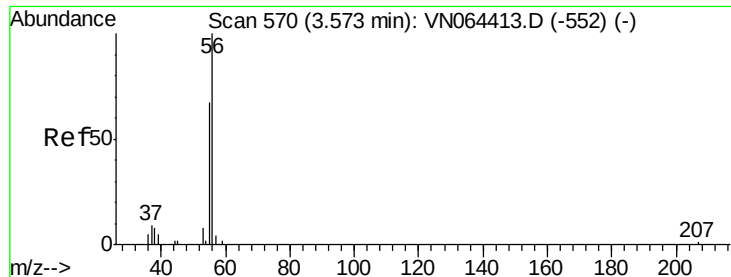
MMDadoda
11/3/2020 2:20:39 PM



#12
Methyl Acetate
Concen: 16.330 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.3	17.1	25.7





#13

Acrolein

Concen: 56.699 ug/l

RT: 3.57 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 19353

Ion Ratio Lower Upper

56 100

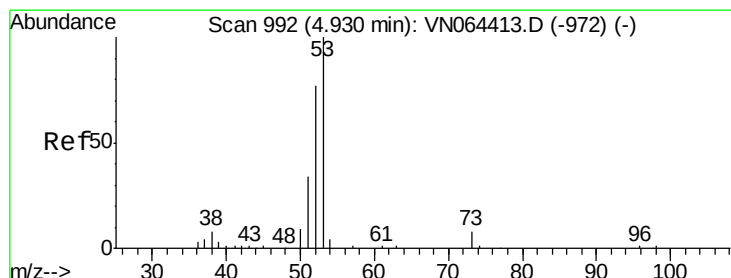
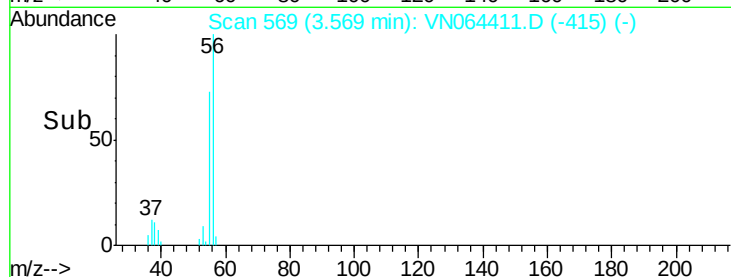
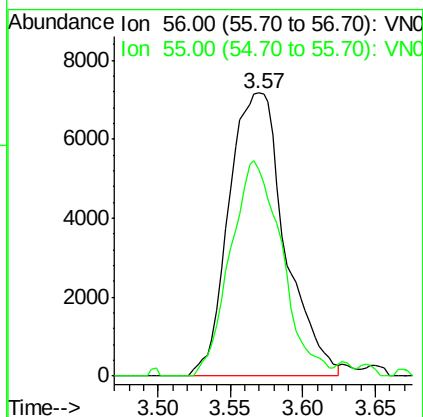
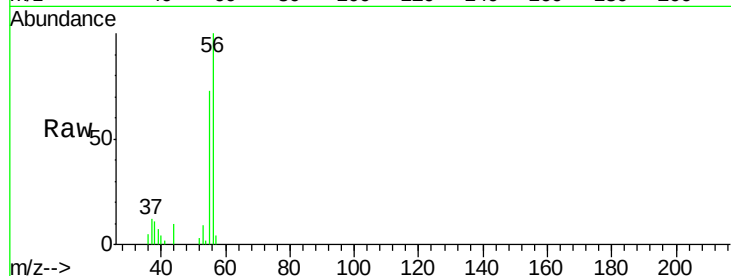
55 69.7 52.5 78.7

Manual Integrations

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11/3/2020 2:20:39 PM



#14

Acrylonitrile

Concen: 81.789 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

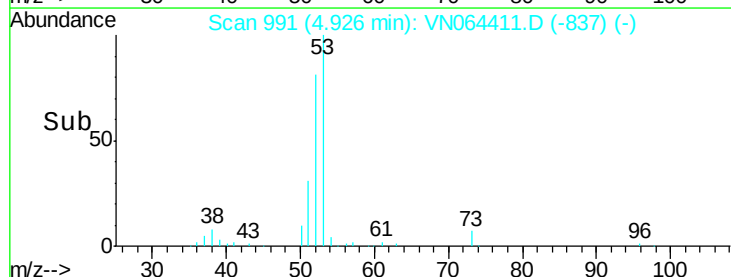
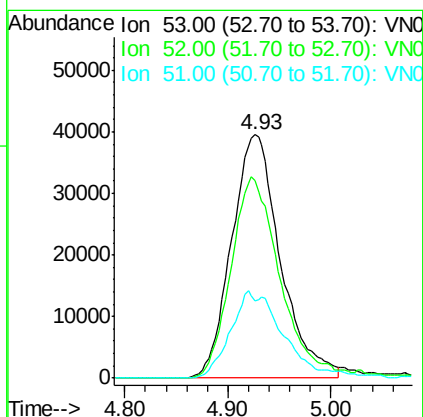
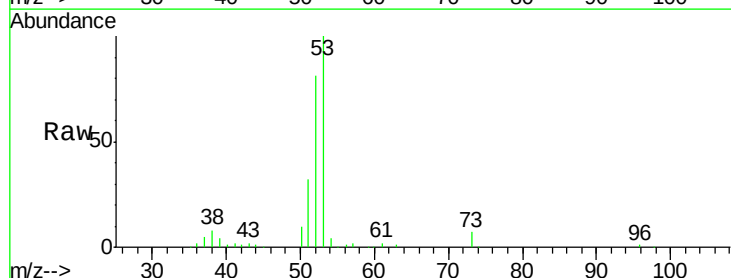
Tgt Ion: 53 Resp: 130125

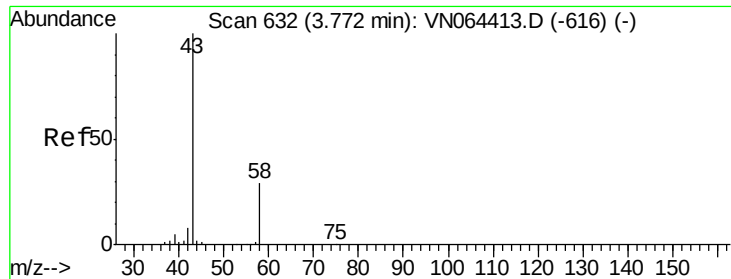
Ion Ratio Lower Upper

53 100

52 81.4 41.1 123.3

51 18.1 17.8 53.3





#15

Acetone

Concen: 77.637 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 42799

Ion Ratio Lower Upper

58 100

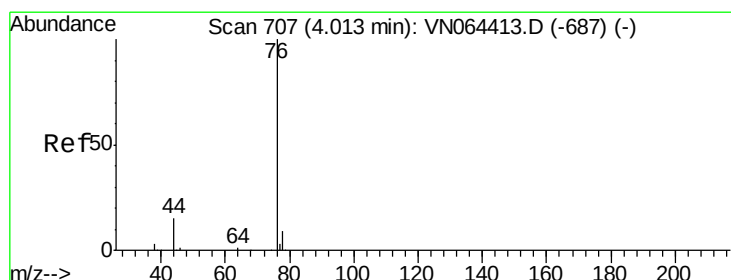
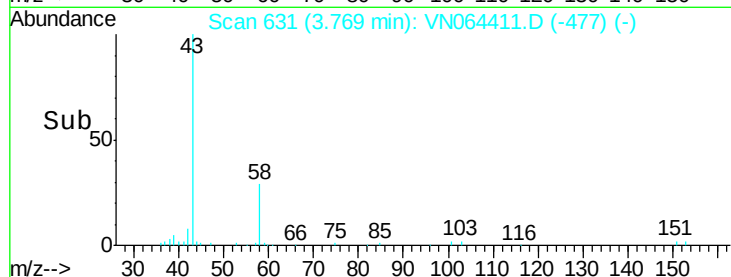
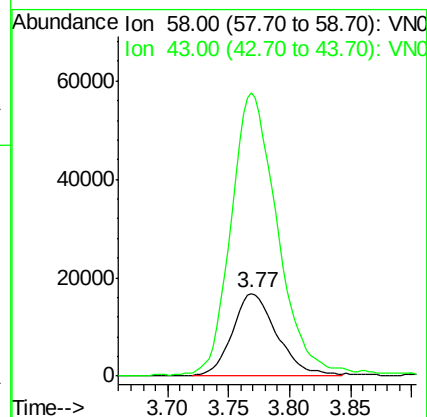
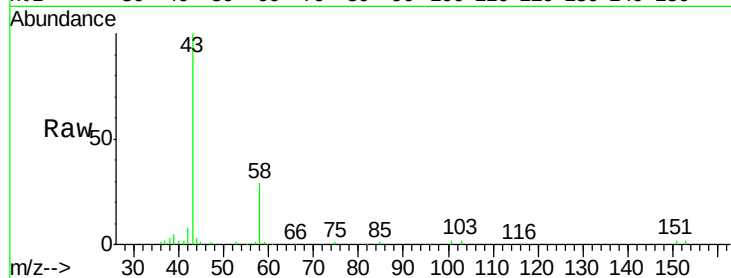
43 338.2 276.1 414.1

Manual Integrations

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#16

Carbon Disulfide

Concen: 17.398 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064411.D

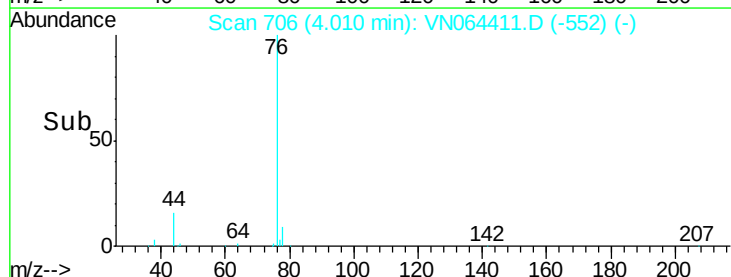
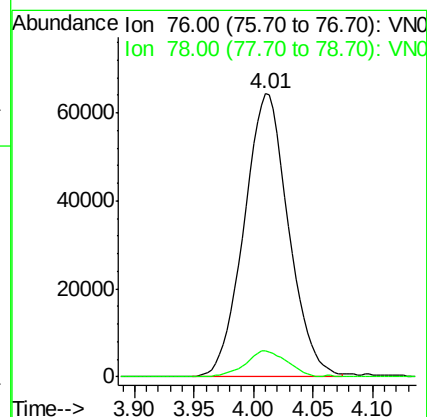
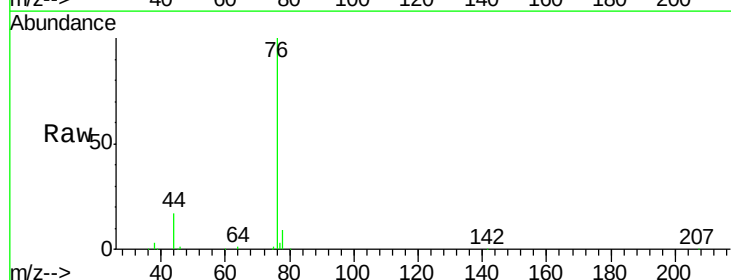
Acq: 2 Nov 2020 13:18

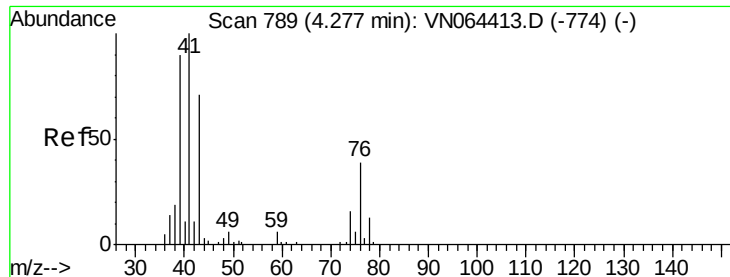
Tgt Ion: 76 Resp: 166847

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6





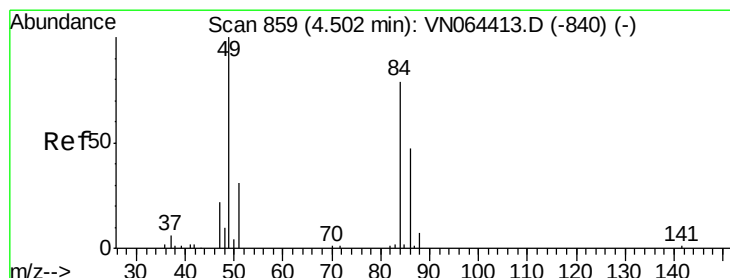
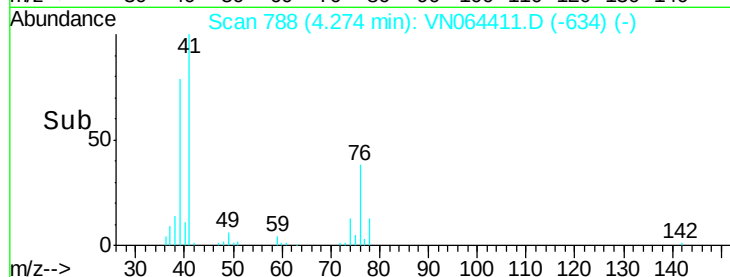
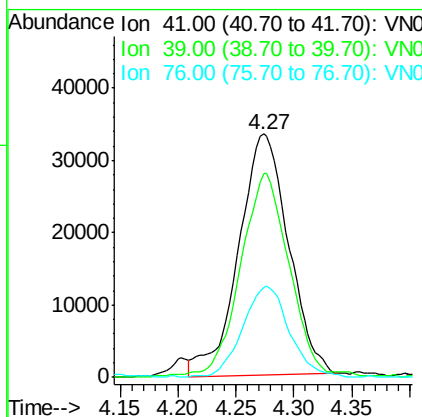
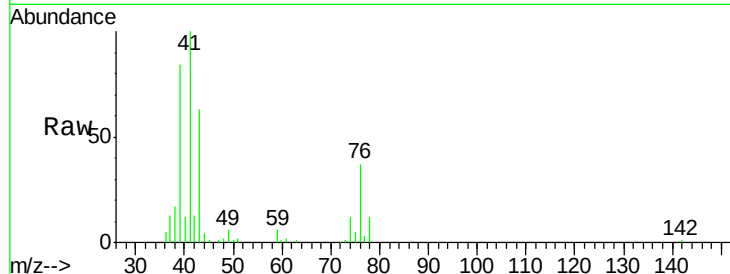
#17
Allvl chloride
Concen: 16.844 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	83.4	42.3	126.8
76	37.5	18.6	55.8

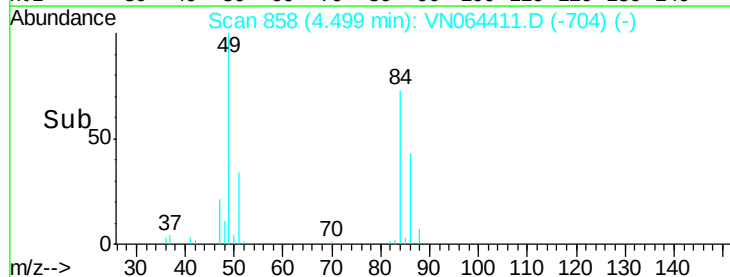
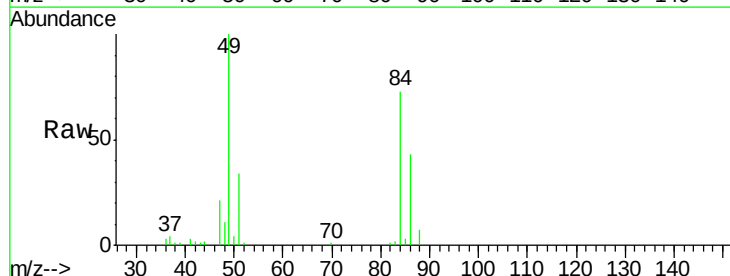
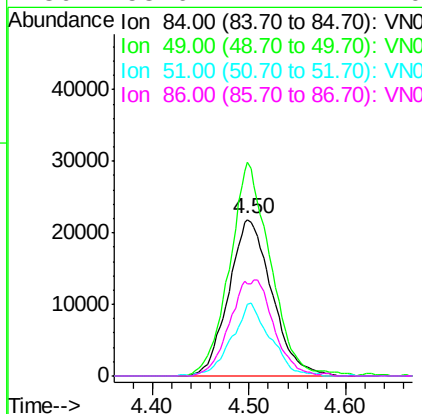
Manual Integrations
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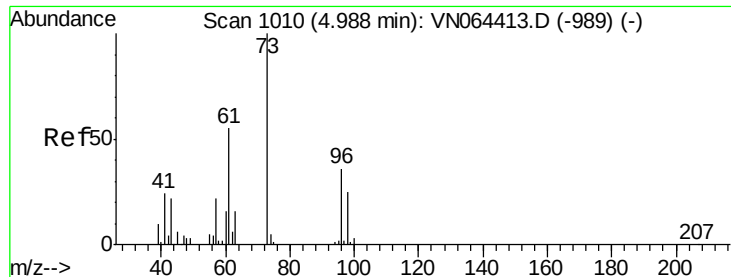
MMDadoda
11/3/2020 2:20:39 PM



#18
Methylene Chloride
Concen: 17.347 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.3	101.0	151.4
51	45.8	31.2	46.8
86	58.6	47.4	71.0





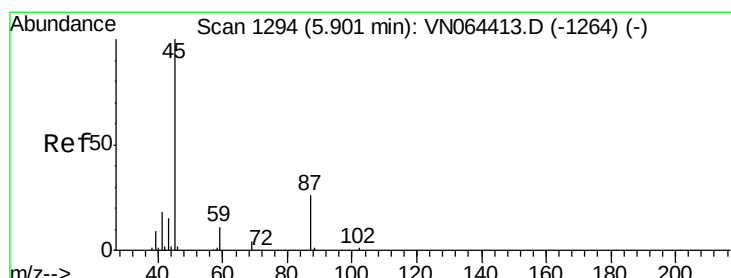
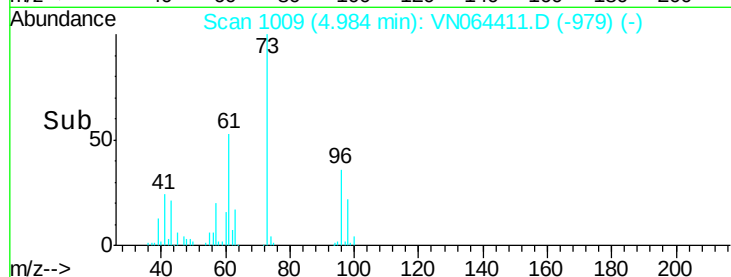
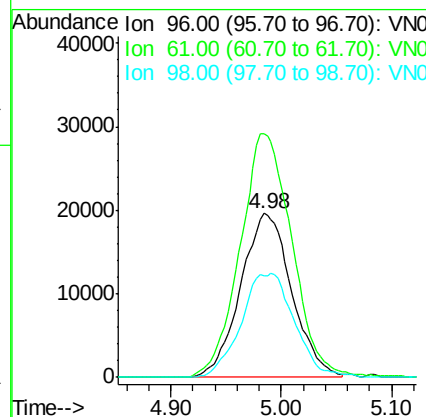
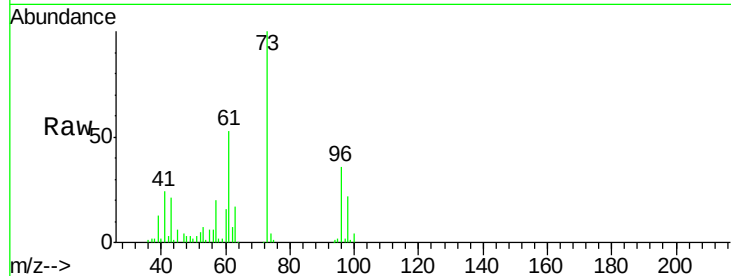
#19
trans-1,2-Dichloroethene
Concen: 16.925 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.3	121.4	182.0
98	62.1	55.5	83.3

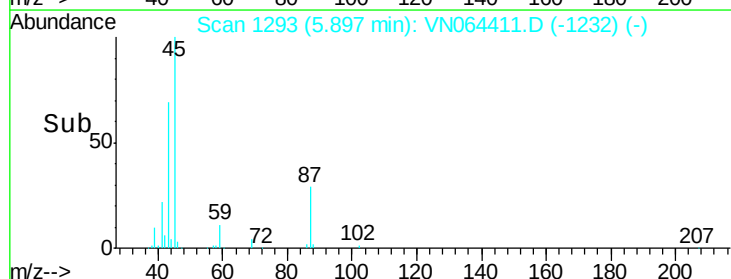
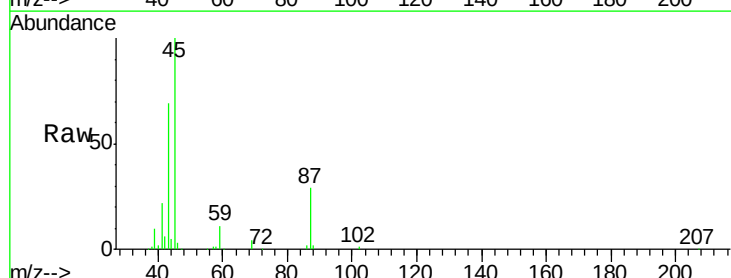
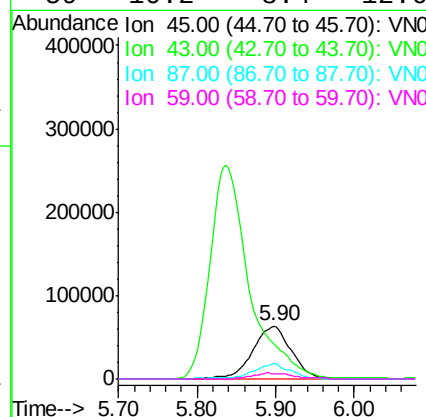
Manual Integrations
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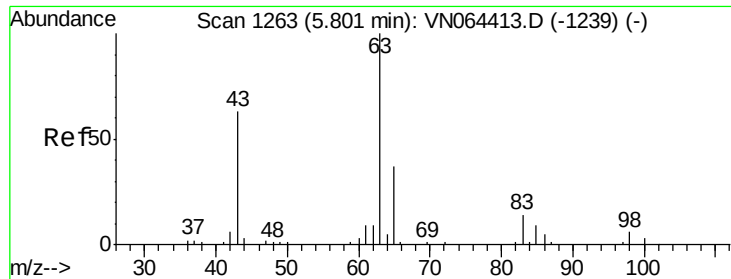
MMDadoda
11/3/2020 2:20:39 PM



#20
Diisopropyl ether
Concen: 17.327 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.5	49.6	74.4
87	29.0	21.0	31.6
59	10.2	8.4	12.6





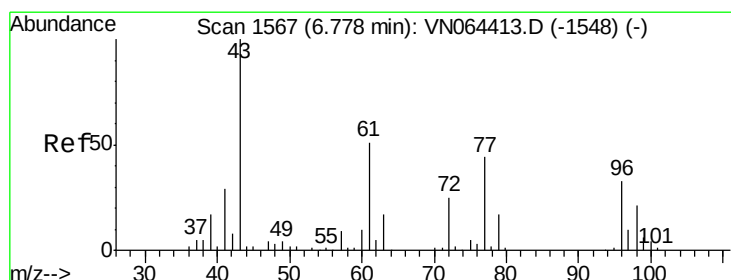
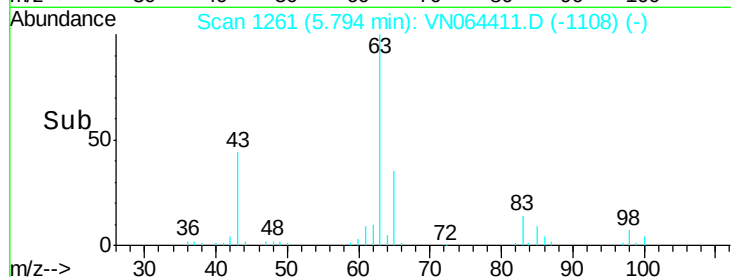
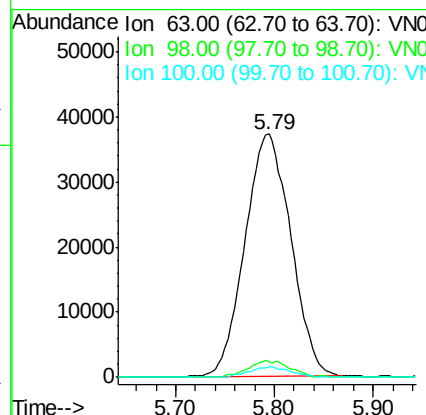
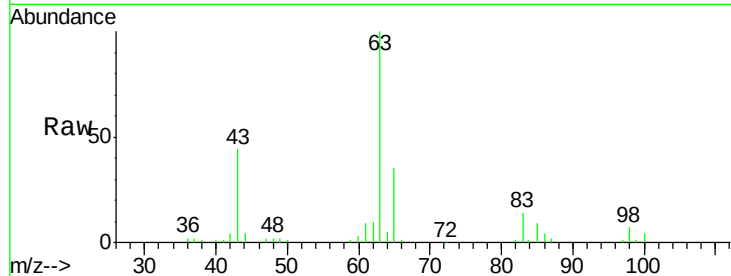
#21
 1,1-Dichloroethane
 Concen: 16.838 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.6	2.9	8.8
100	4.2	1.5	4.5

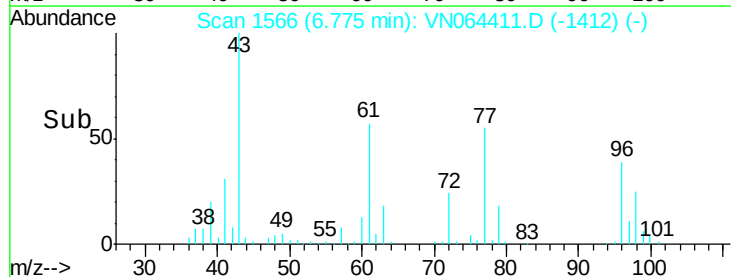
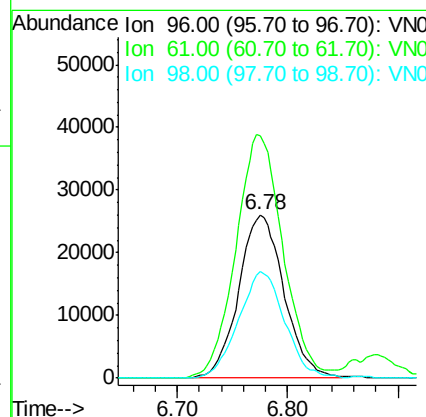
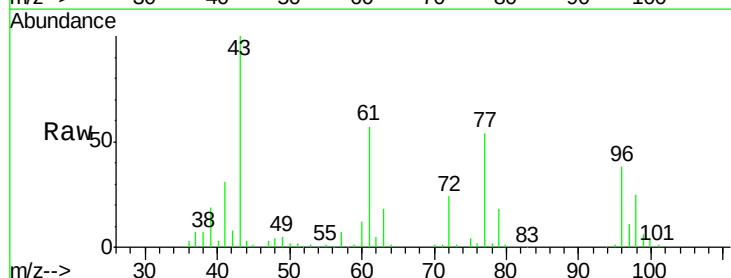
Manual Integrations
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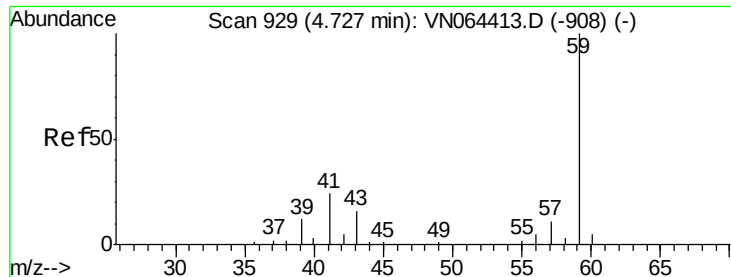
MMDadoda
 11/3/2020 2:20:39 PM



#22
 cis-1,2-Dichloroethene
 Concen: 16.814 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	154.6	122.3	183.5
98	66.0	49.6	74.4





#23

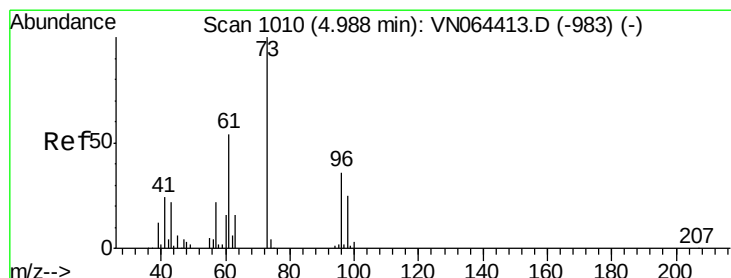
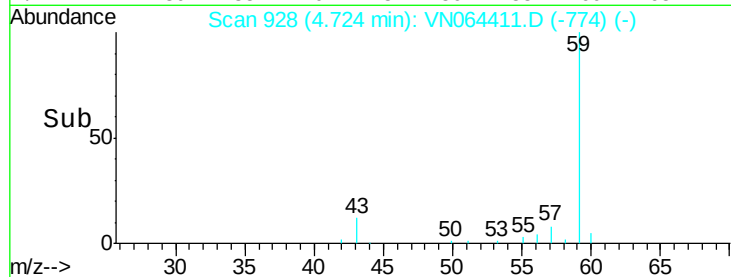
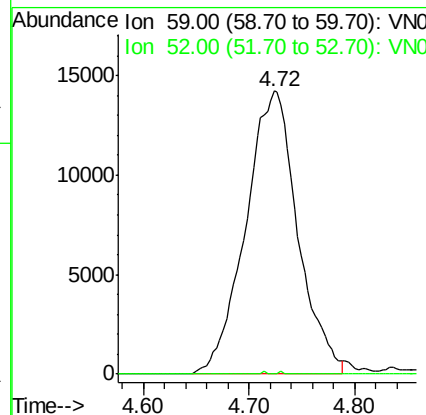
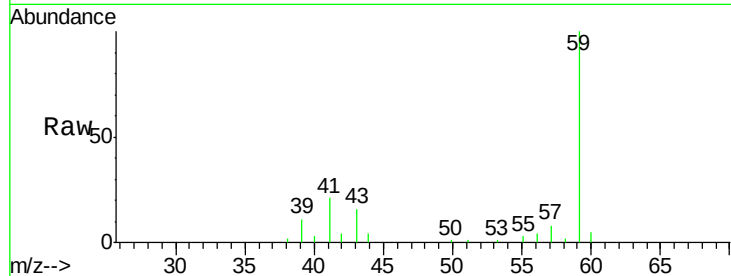
tert-Butyl Alcohol
 Concen: 80.797 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		48816		
52	0.0		0.0	0.0	0.0

Manual Integrations
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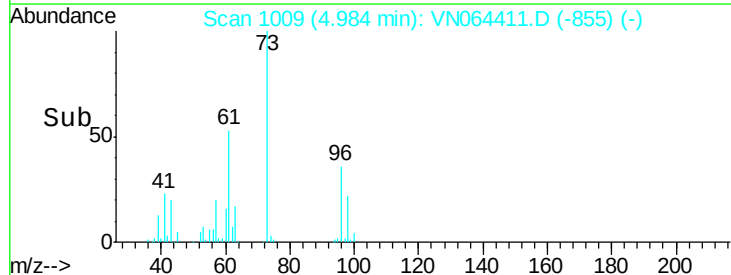
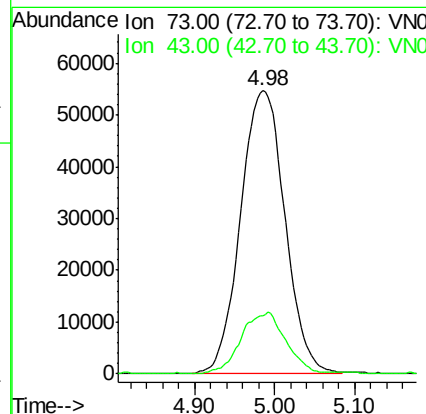
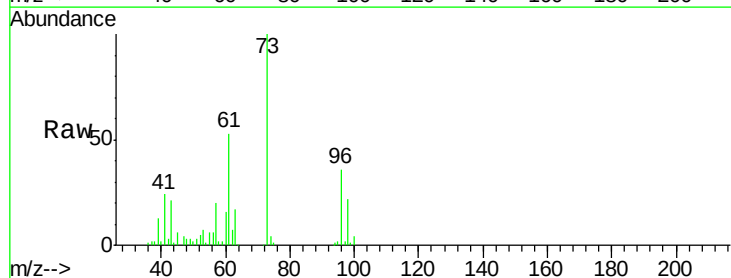
MMDadoda
 11/3/2020 2:20:39 PM

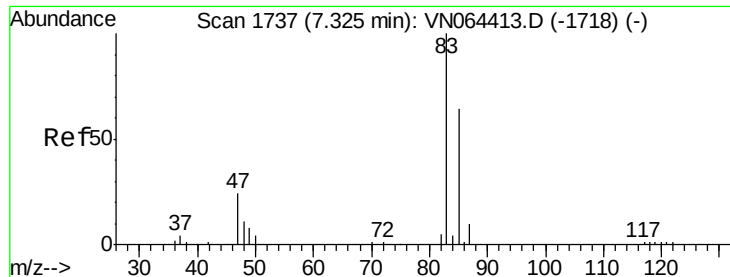


#24

Methyl tert-Butyl Ether
 Concen: 17.130 ug/l
 RT: 4.98 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
73	100		207150		
43	21.9		6.8	10.2	#





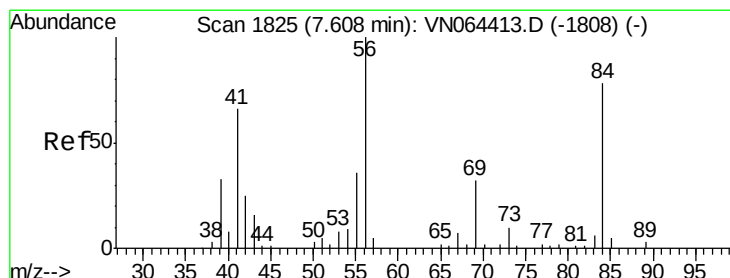
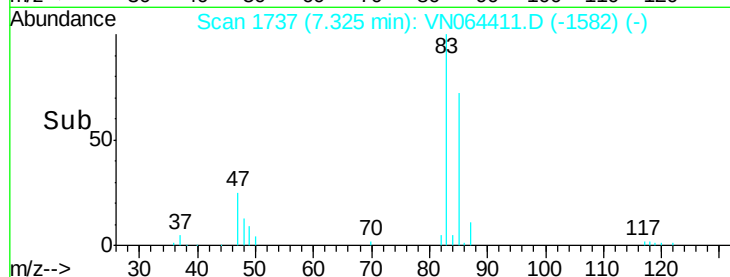
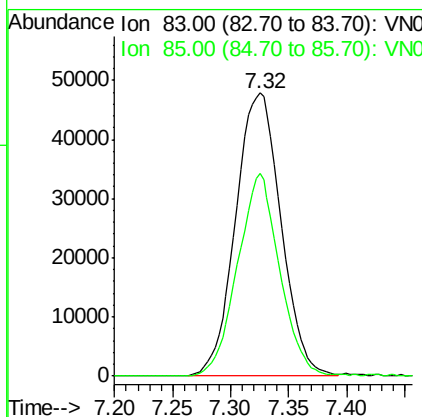
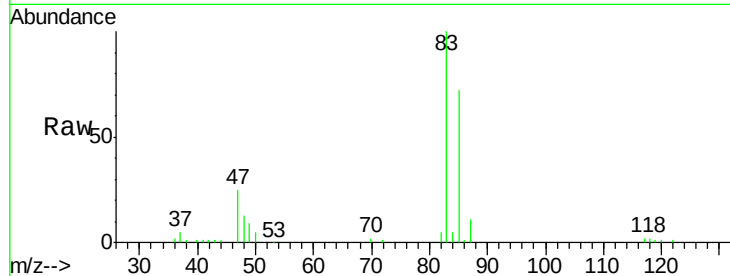
#25
Chloroform
Concen: 17.049 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	83	Resp	130637
Ion Ratio	100	Lower	Upper
83	100		
85	71.2	51.0	76.4

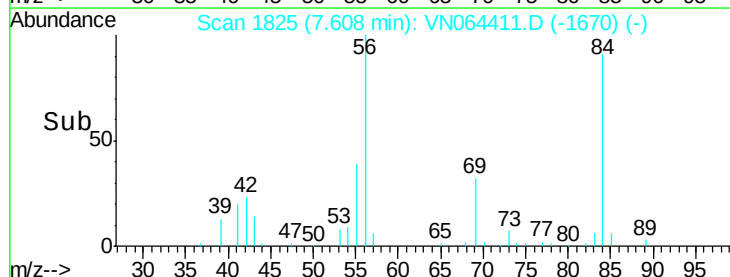
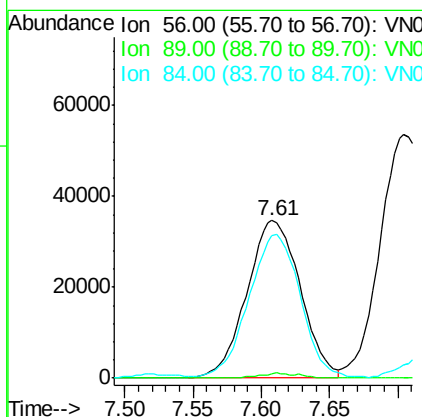
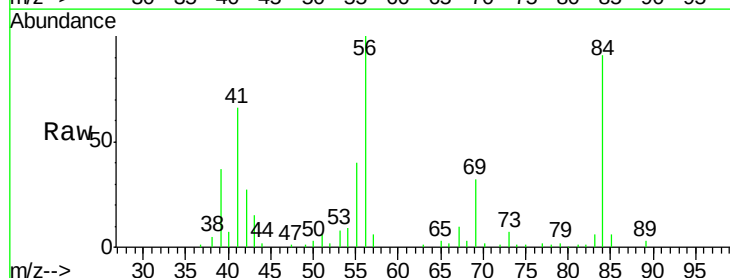
Manual Integrations
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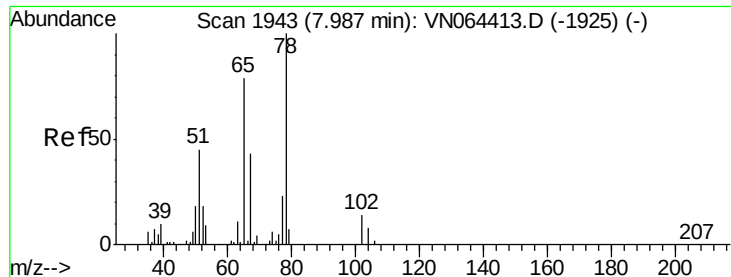
MMDadoda
11/3/2020 2:20:39 PM



#26
Cyclohexane
Concen: 16.664 ug/l
RT: 7.61 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion	56	Resp	94413
Ion Ratio	100	Lower	Upper
56	100		
89	1.6	2.3	3.5#
84	88.2	69.4	104.0





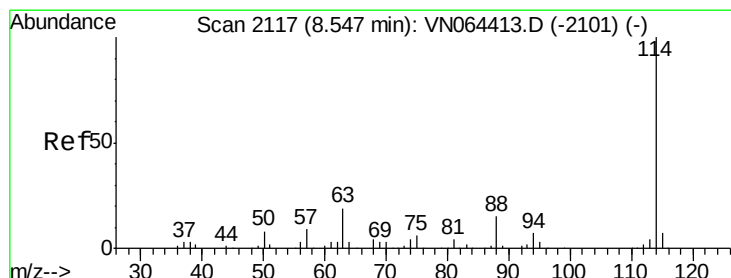
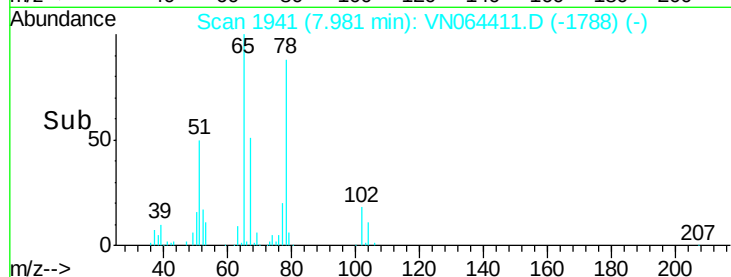
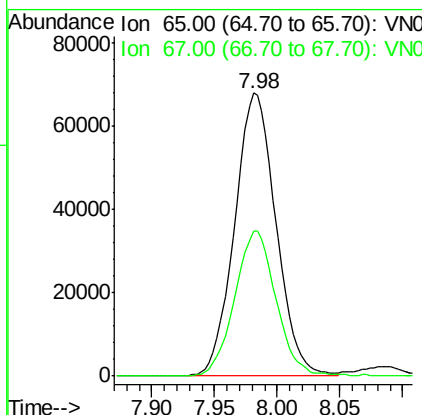
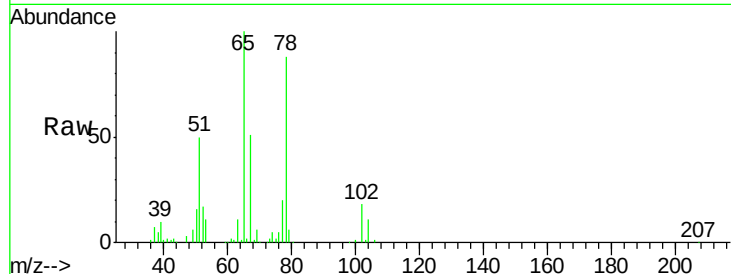
#27
 1,2-Dichloroethane-d4
 Concen: 30.611 ug/l
 RT: 7.98 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion: 65 Resp: 156102
 Ion Ratio Lower Upper
 65 100
 67 50.6 40.6 61.0

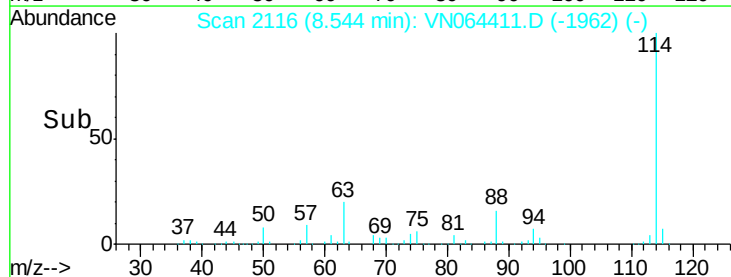
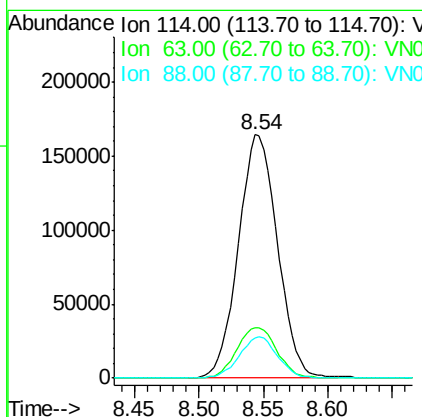
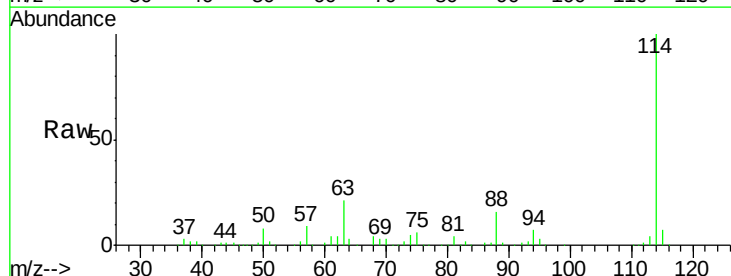
Manual Integrations
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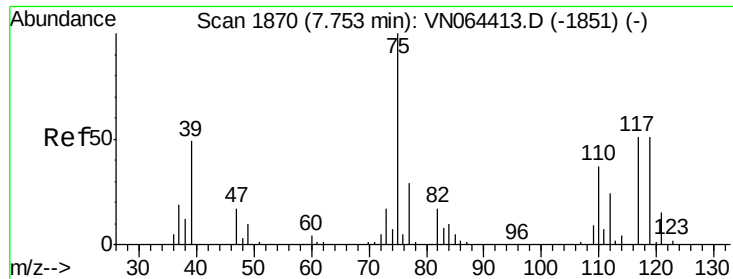
MMDadoda
 11/3/2020 2:20:39 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.54 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion: 114 Resp: 347667
 Ion Ratio Lower Upper
 114 100
 63 21.2 16.2 24.4
 88 16.5 12.6 19.0





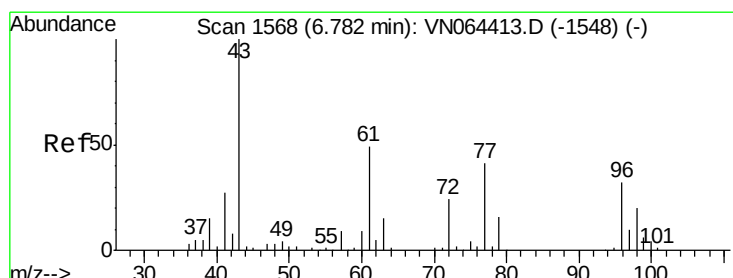
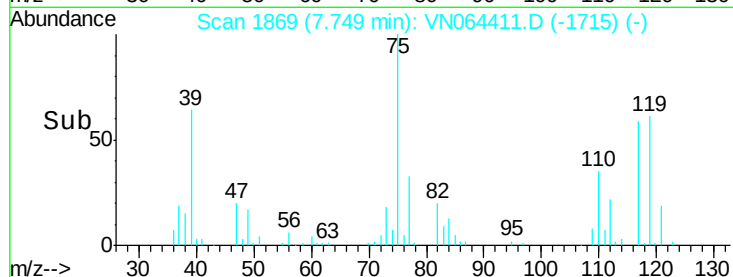
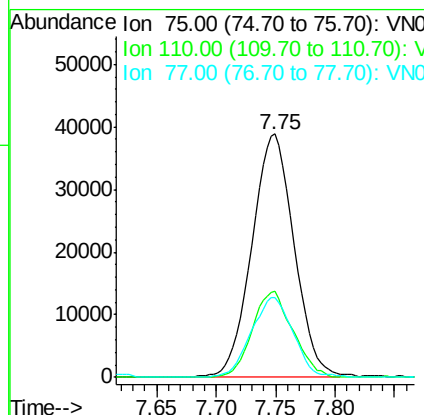
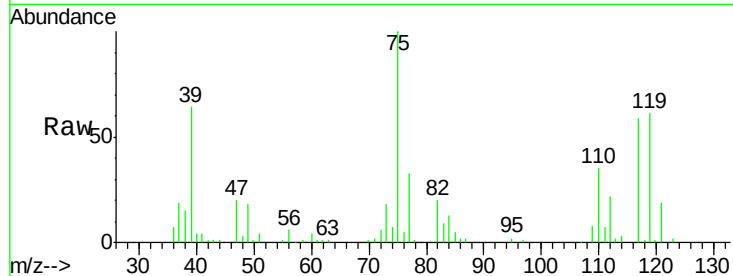
#29
 1,1-Dichloropropene
 Concen: 17.107 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.9	0.0	71.8
77	32.2	0.0	32.4

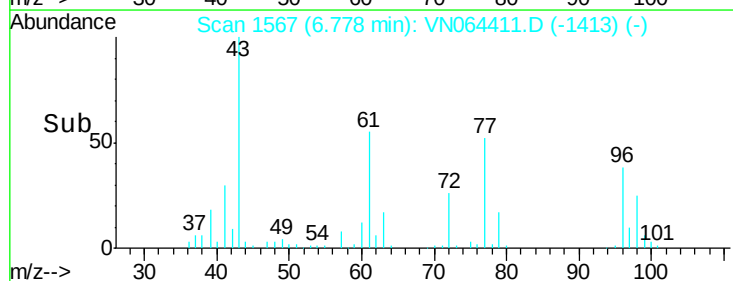
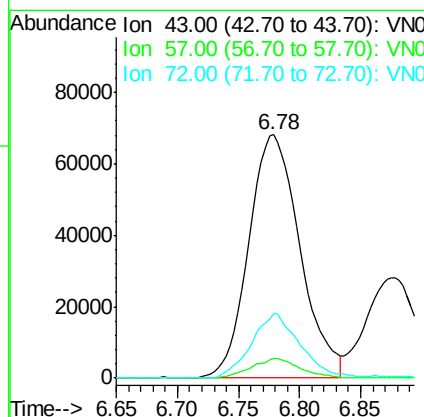
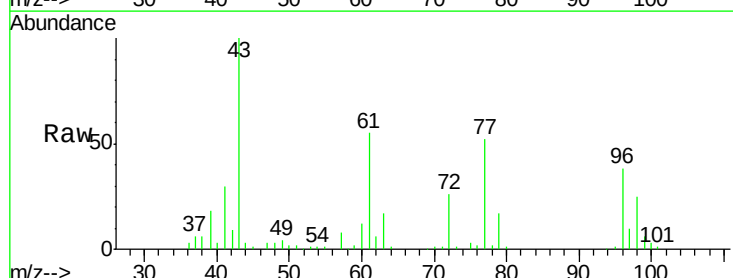
Manual Integrations
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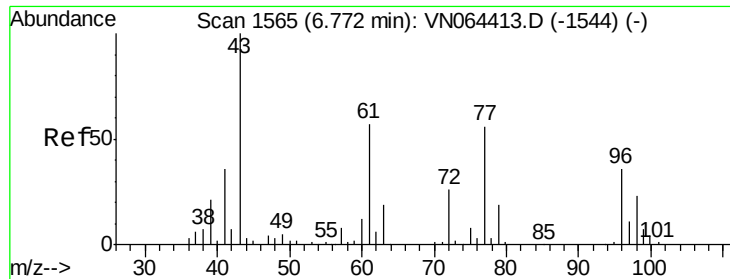
MMDadoda
 11/3/2020 2:20:39 PM



#30
 2-Butanone
 Concen: 77.536 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.6	9.8
72	25.3	20.0	30.0





#31

2,2-Dichloropropane

Concen: 16.953 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 116406

Ion Ratio Lower Upper

77 100

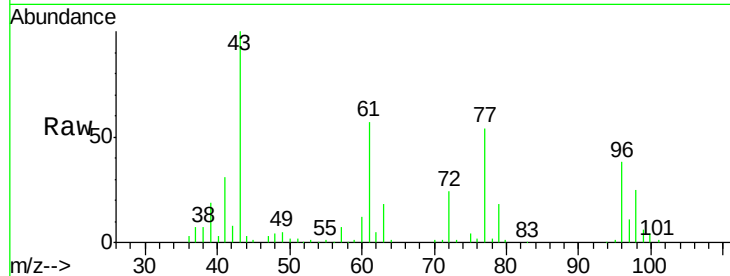
97 21.8 17.4 26.0

Manual Integrations

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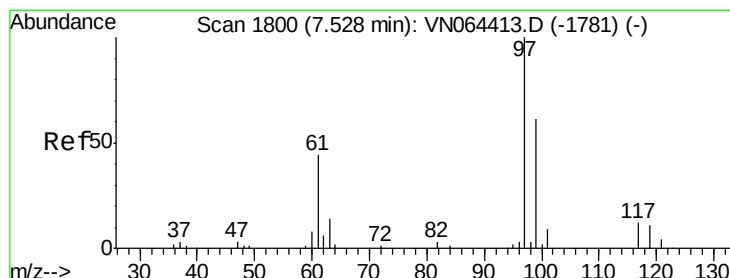
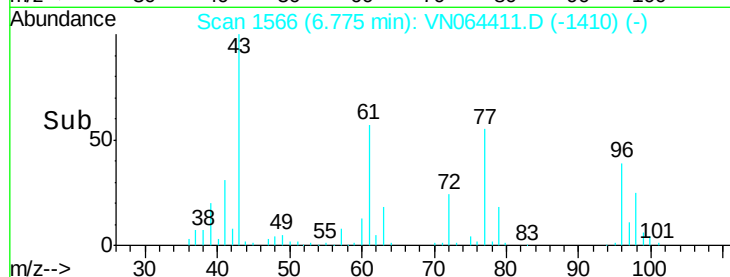
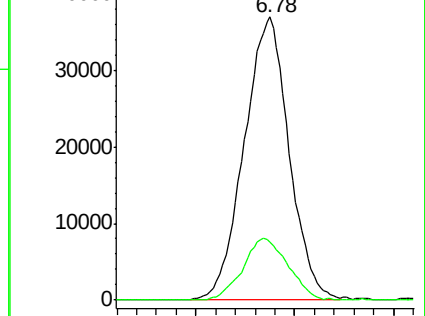
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Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.065 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

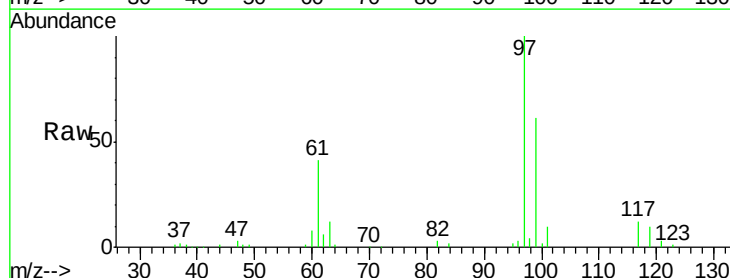
Tgt Ion: 97 Resp: 125128

Ion Ratio Lower Upper

97 100

99 62.9 49.8 74.8

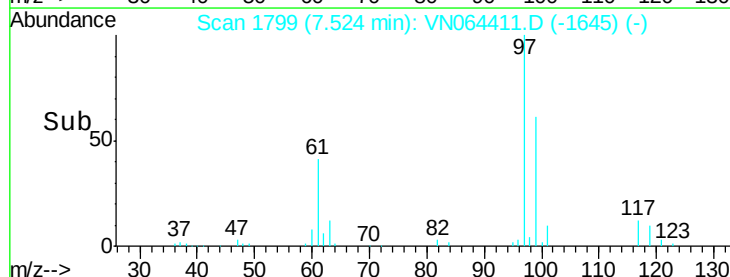
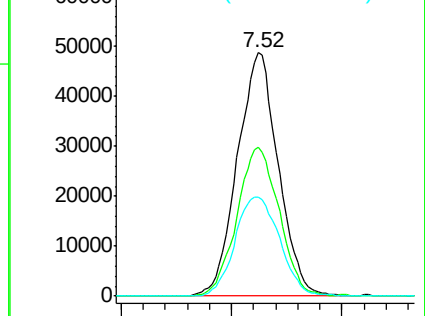
61 44.5 34.9 52.3

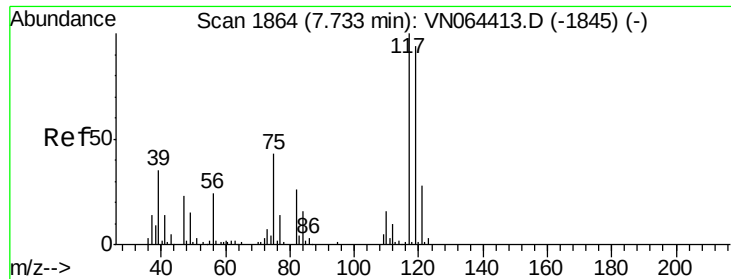


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





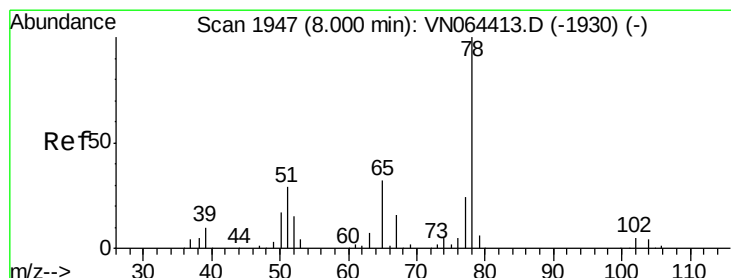
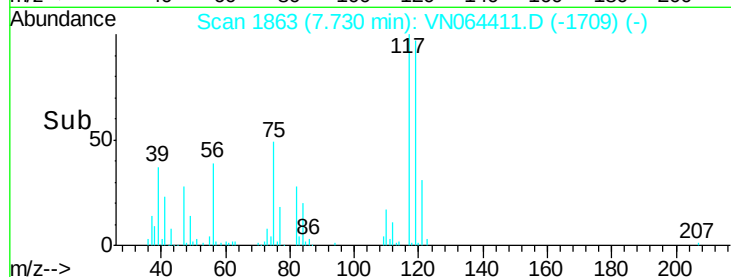
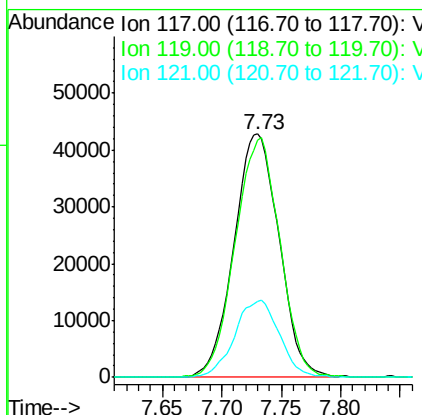
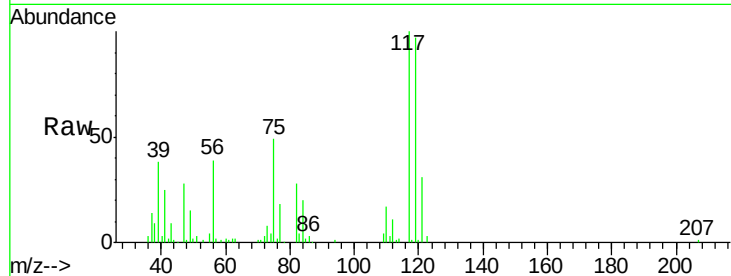
#33
Carbon Tetrachloride
Concen: 17.036 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.0	112.4
121	31.2	22.1	33.1

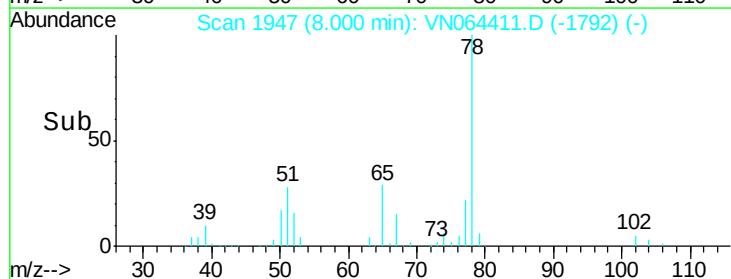
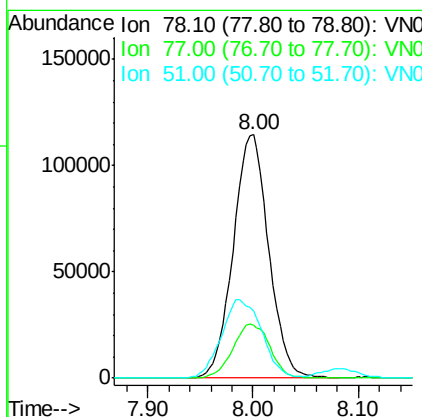
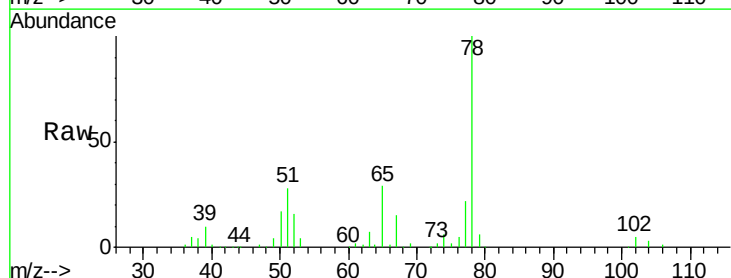
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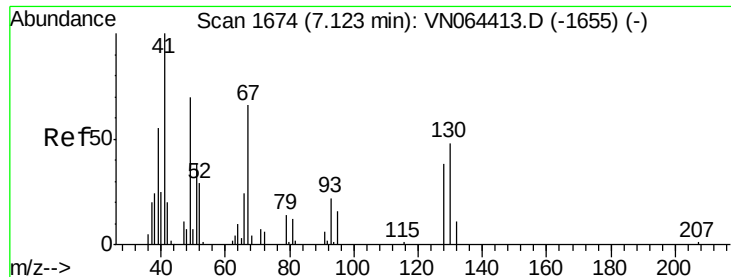
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#34
Benzene
Concen: 16.874 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.0	28.4
51	27.3	23.1	34.7





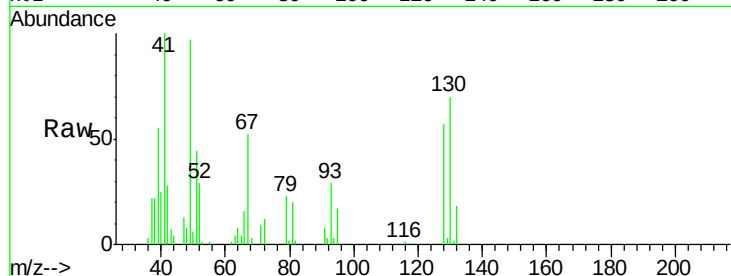
#35
Methacrylonitrile
Concen: 16.657 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

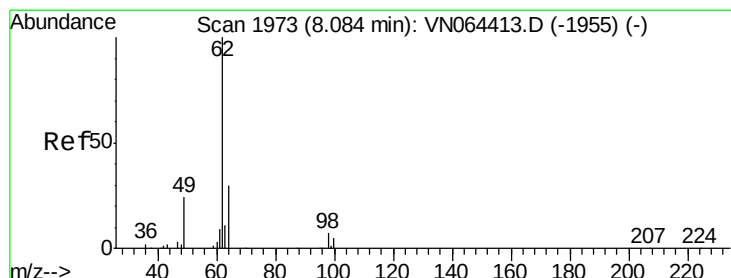
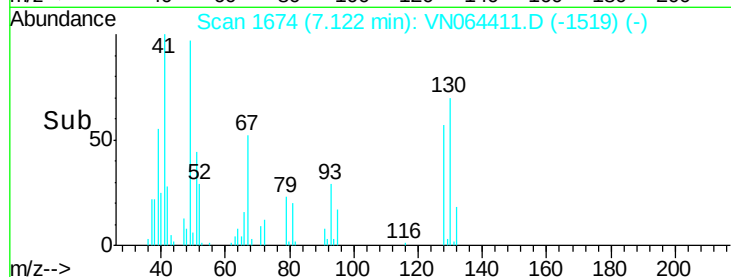
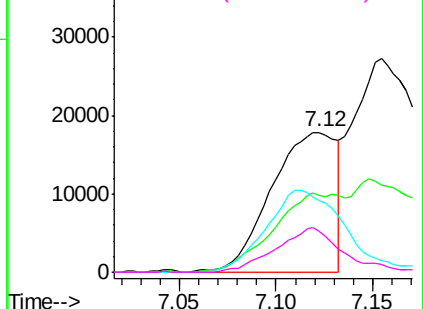
Tot Ion	41	Resp	41817
Ion Ratio	Lower	Upper	
41	100		
39	55.0	27.8	83.3
67	51.6	32.9	98.6
52	29.4	14.4	43.0

Manual Integrations
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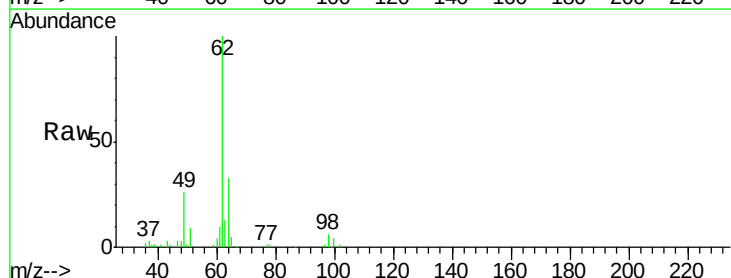


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

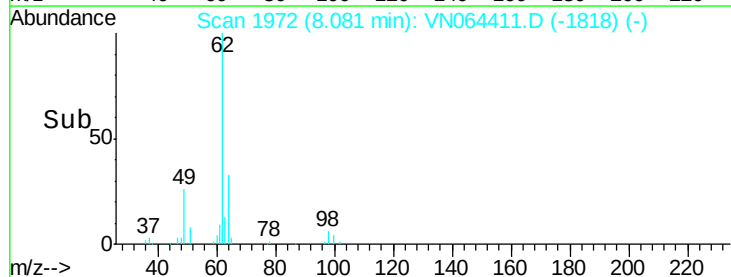
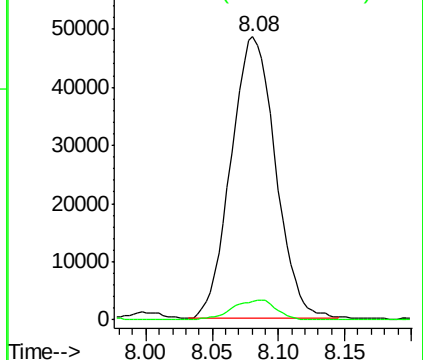


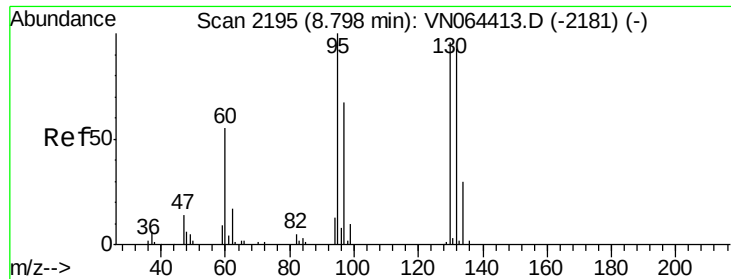
#36
1,2-Dichloroethane
Concen: 17.270 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion	62	Resp	113187
Ion Ratio	Lower	Upper	
62	100		
98	6.9	6.2	9.2



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 16.641 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 74042

Ion Ratio Lower Upper

130 100

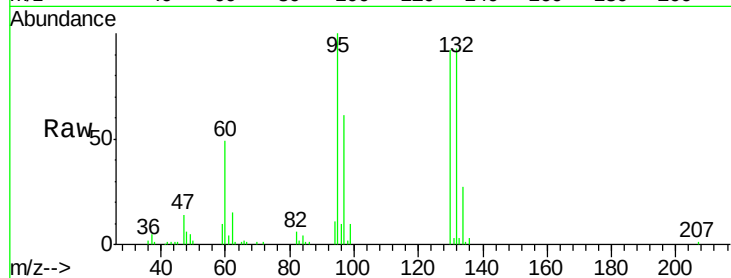
95 108.0 83.6 125.4

Manual Integrations

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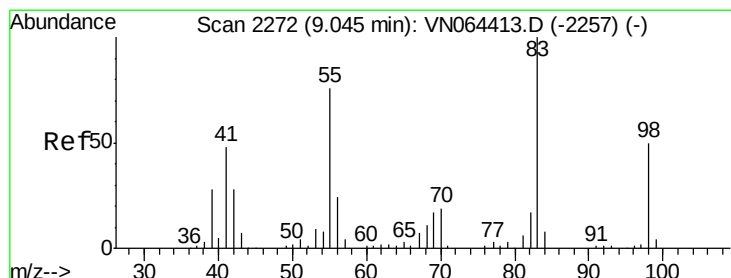
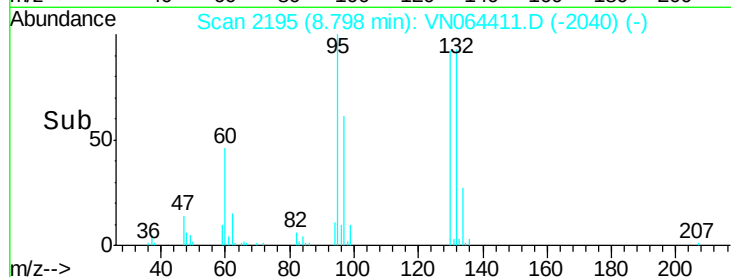
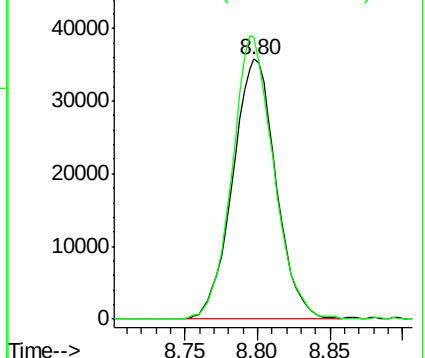
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 16.946 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

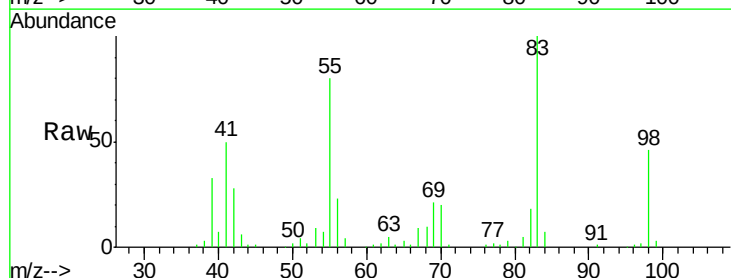
Tgt Ion: 83 Resp: 85973

Ion Ratio Lower Upper

83 100

55 79.5 38.3 114.9

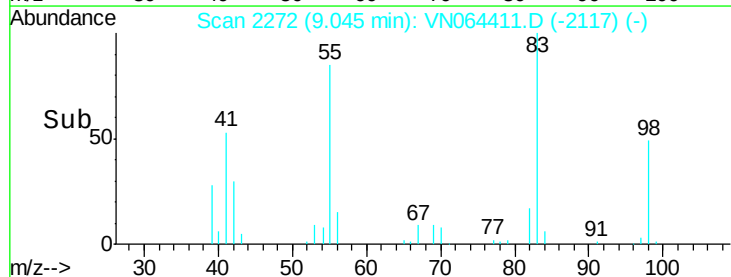
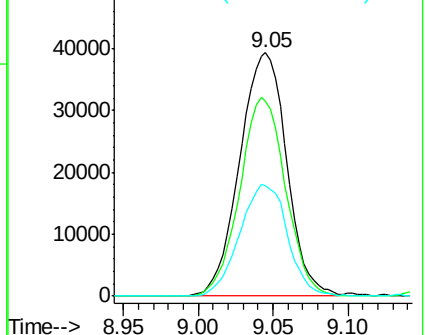
98 46.7 24.6 74.0

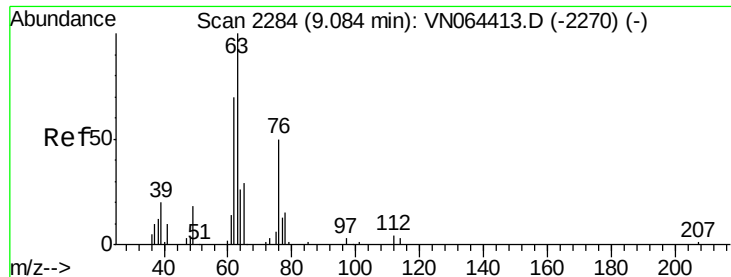


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





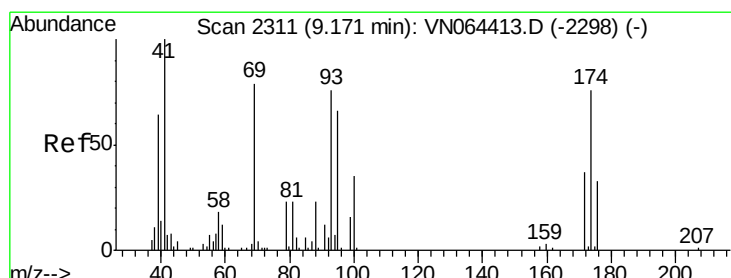
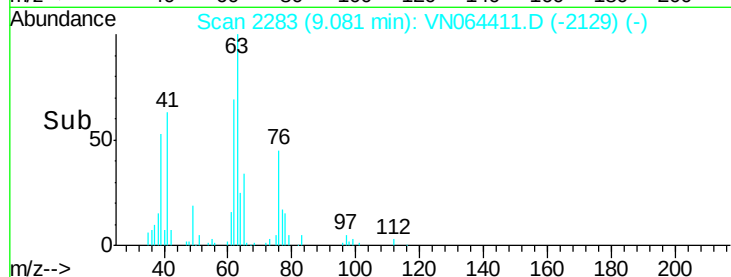
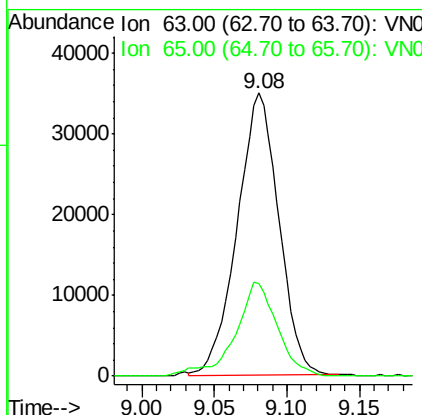
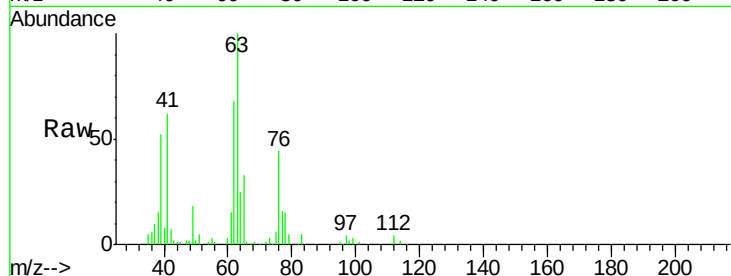
#39
 1,2-Dichloropropane
 Concen: 17.154 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion: 63 Resp: 69748
 Ion Ratio Lower Upper
 63 100
 65 33.1 25.0 37.6

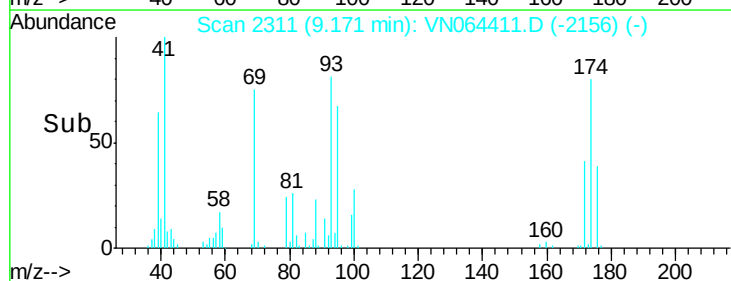
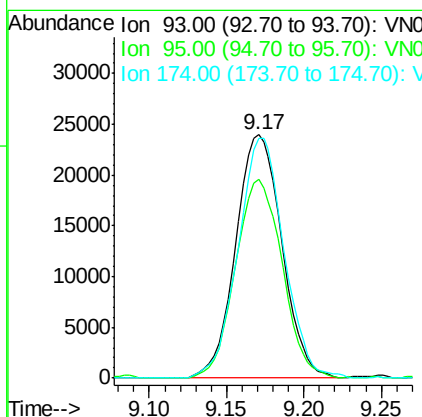
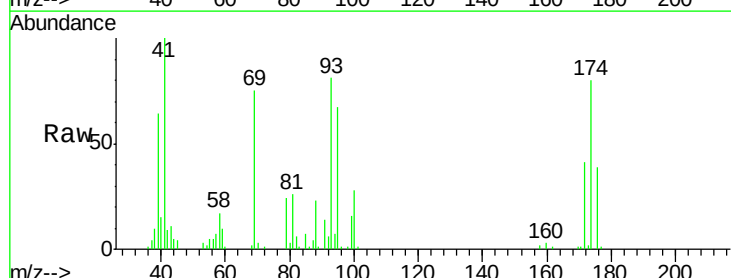
Manual Integrations
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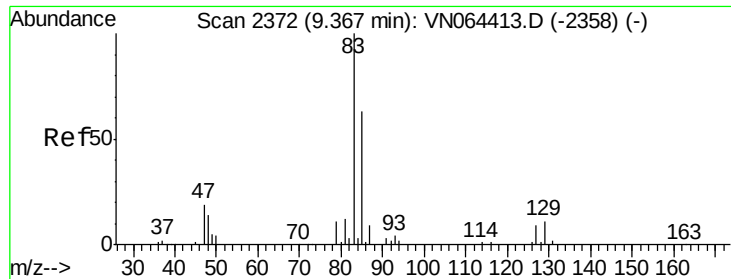
MMDadoda
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#40
 Dibromomethane
 Concen: 16.877 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion: 93 Resp: 49733
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 170.0
 174 98.5 0.0 199.8





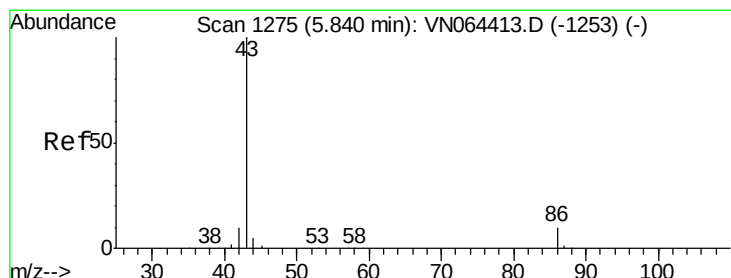
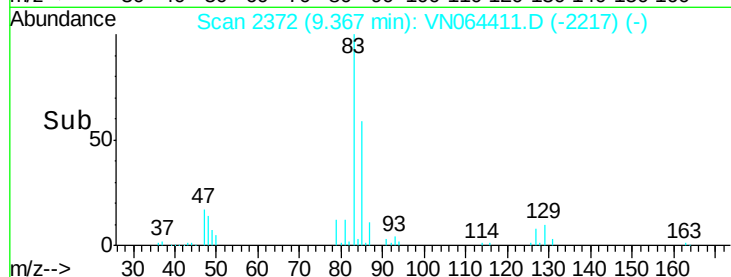
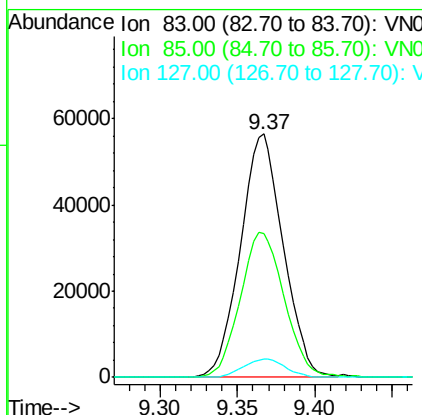
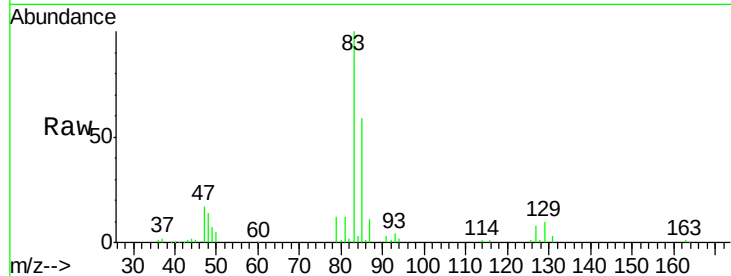
#41
 Bromodichloromethane
 Concen: 17.481 ug/l
 RT: 9.37 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	83	Resp	108811
Ion Ratio	Lower	Upper	
83	100		
85	59.1	50.5	75.7
127	7.6	7.0	10.6

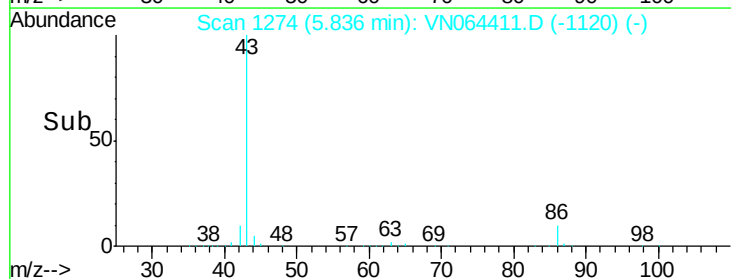
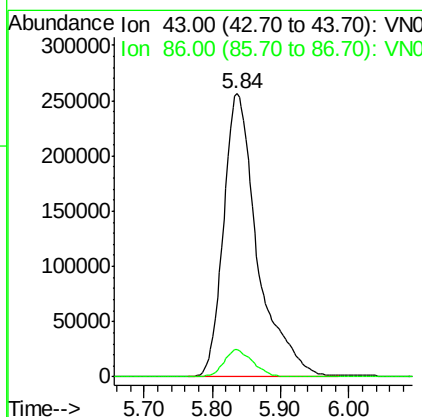
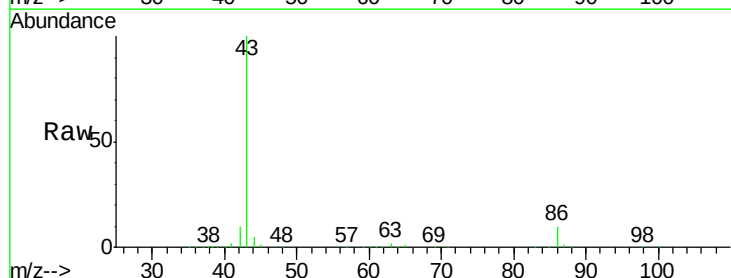
Manual Integrations
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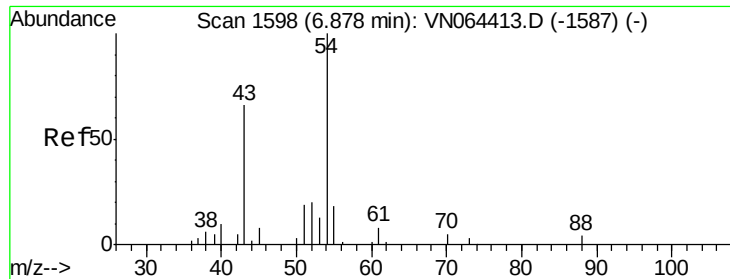
MMDadoda
 11/3/2020 2:20:39 PM



#42
 Vinyl Acetate
 Concen: 82.661 ug/l
 RT: 5.84 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion	43	Resp	888627
Ion Ratio	Lower	Upper	
43	100		
86	8.2	6.5	9.7





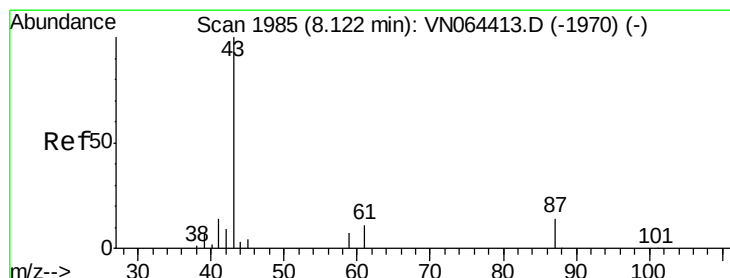
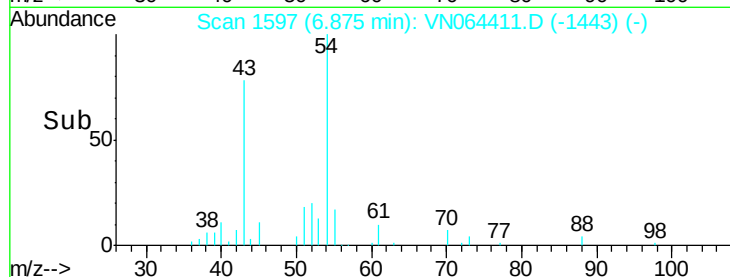
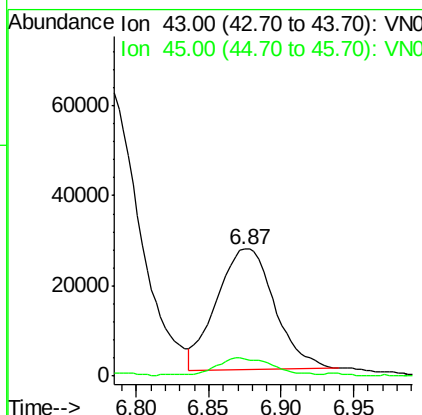
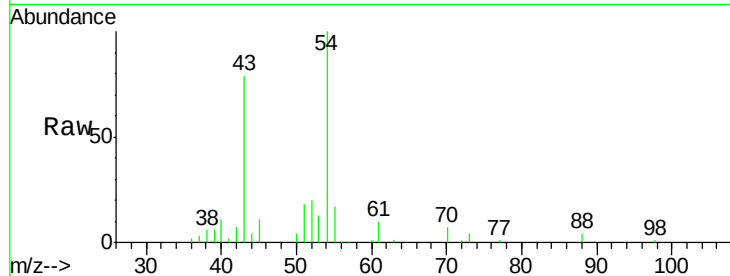
#43
Ethyl Acetate
Concen: 15.129 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion: 43 Resp: 74397
Ion Ratio Lower Upper
43 100
45 14.0 5.2 7.8#

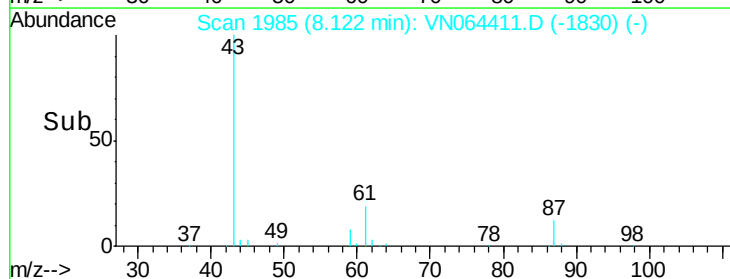
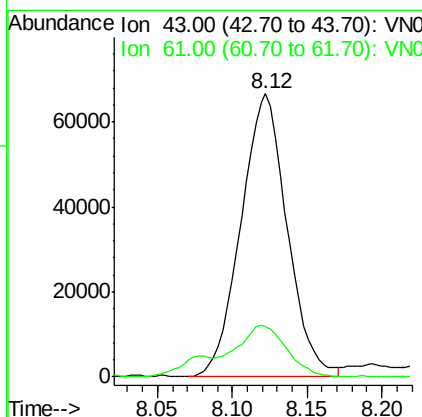
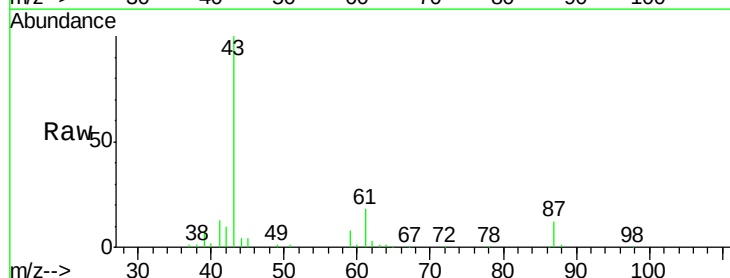
Manual Integrations
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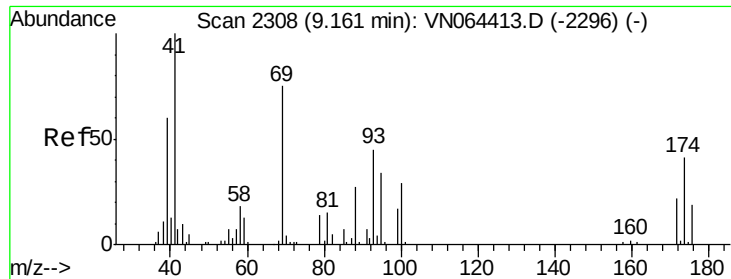
MMDadoda
11/3/2020 2:20:39 PM



#44
Isopropyl Acetate
Concen: 16.403 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion: 43 Resp: 143481
Ion Ratio Lower Upper
43 100
61 18.6 0.2 0.4#





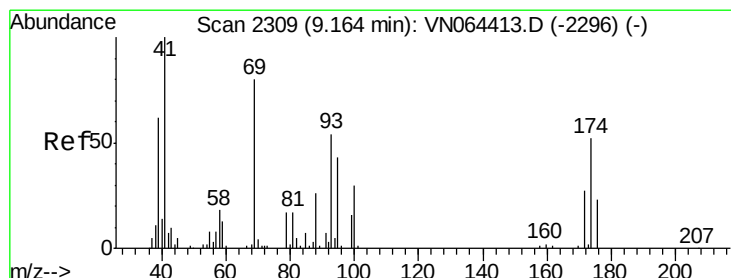
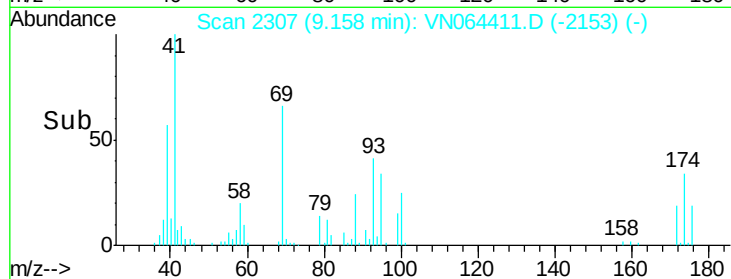
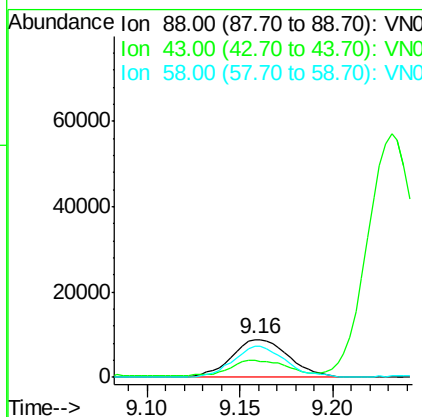
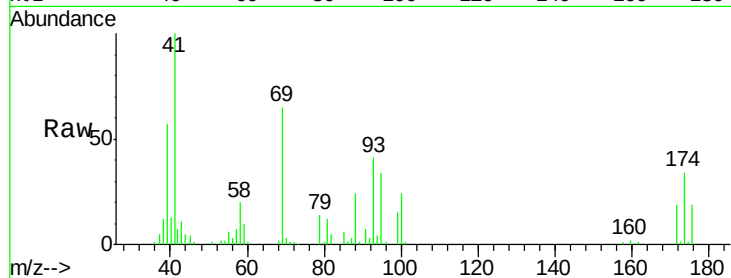
#45
 1,4-Dioxane
 Concen: 308.370 ug/l
 RT: 9.16 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	88	Resp	18928
Ion	Ratio	Lower	Upper
88	100		
43	40.1	32.0	48.0
58	75.5	59.1	88.7

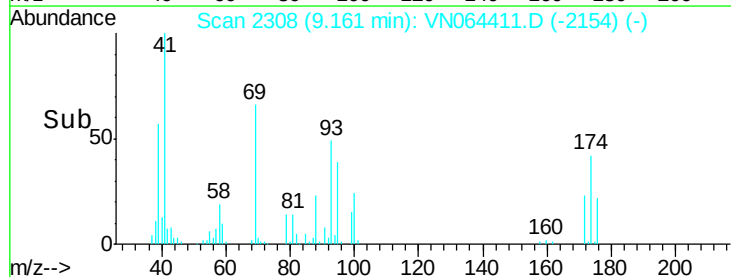
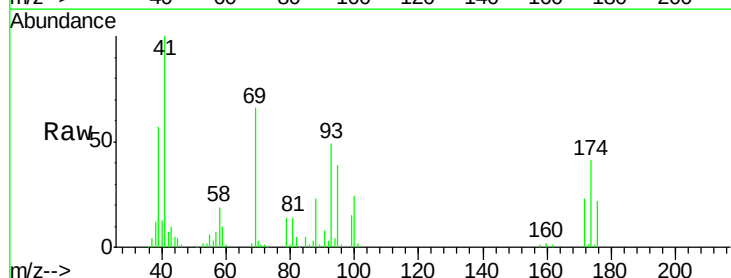
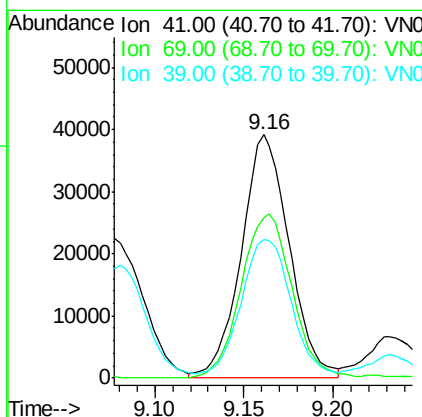
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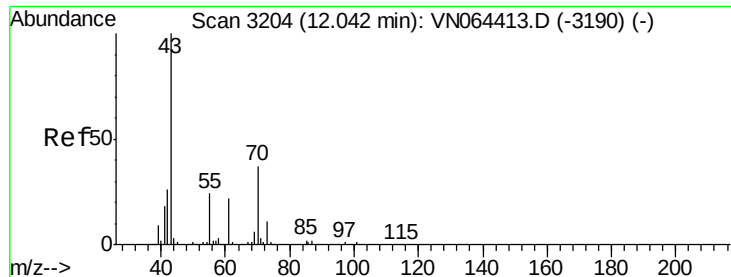
MMDadoda
 11/3/2020 2:20:39 PM



#46
 Methyl methacrylate
 Concen: 17.009 ug/l
 RT: 9.16 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion	41	Resp	73453
Ion	Ratio	Lower	Upper
41	100		
69	67.4	39.8	119.4
39	56.0	30.5	91.5





#47

n-amvl Acetate

Concen: 15.435 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 114833

Ion Ratio Lower Upper

43 100

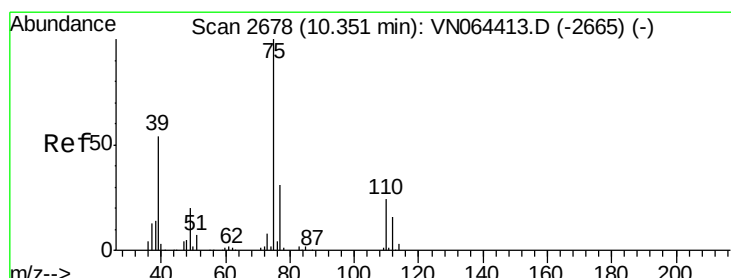
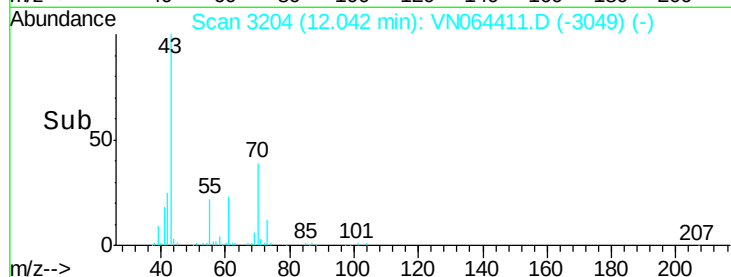
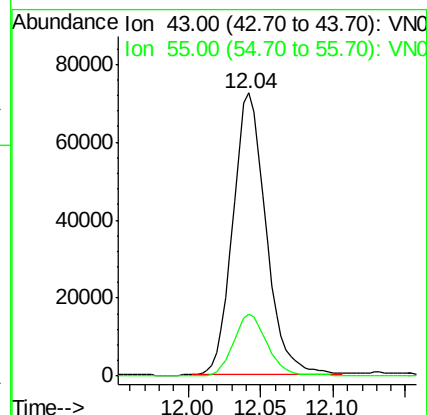
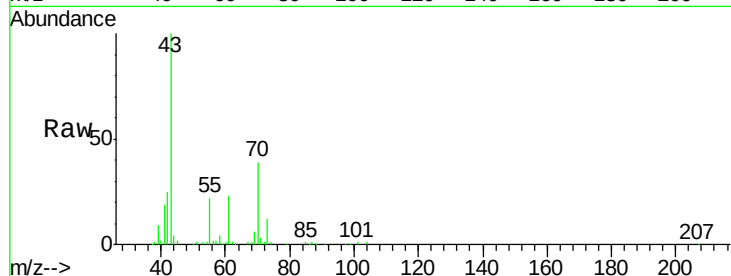
55 22.1 18.1 27.1

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 16.603 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064411.D

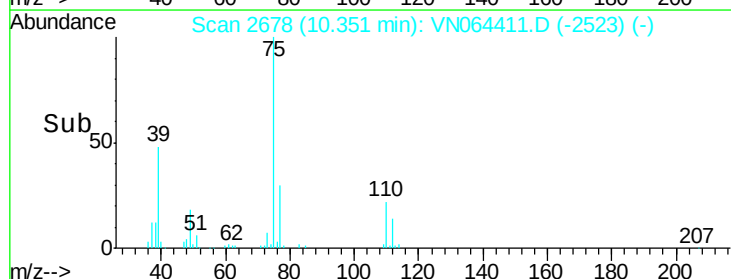
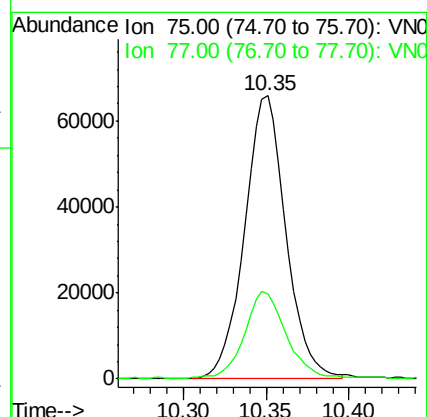
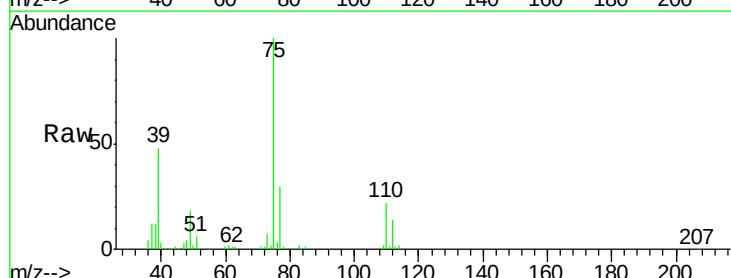
Acq: 2 Nov 2020 13:18

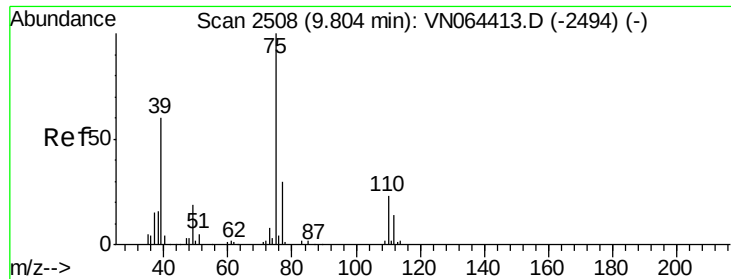
Tgt Ion: 75 Resp: 114054

Ion Ratio Lower Upper

75 100

77 29.4 24.9 37.3





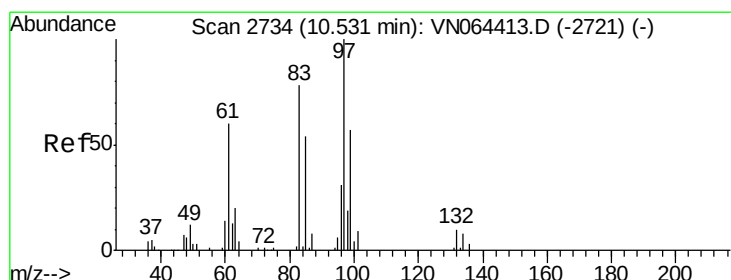
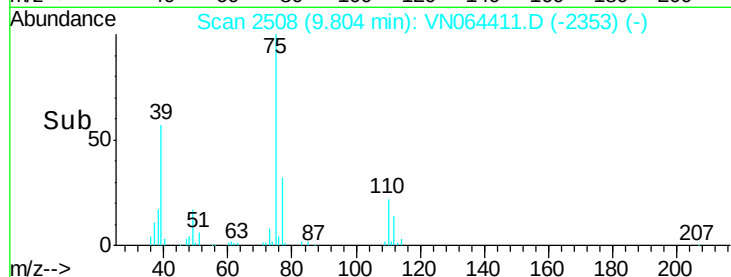
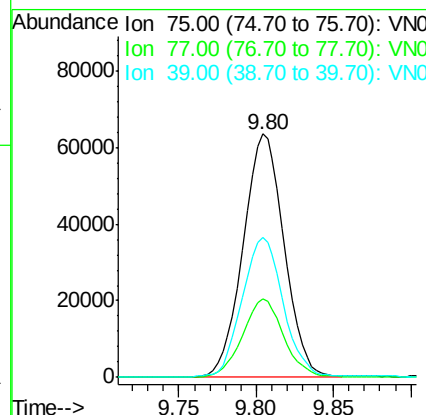
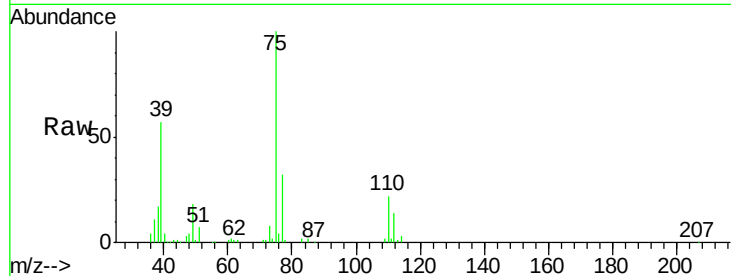
#49
 cis-1,3-Dichloropropene
 Concen: 16.501 ug/l
 RT: 9.80 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.3	36.5
39	57.1	48.0	72.0

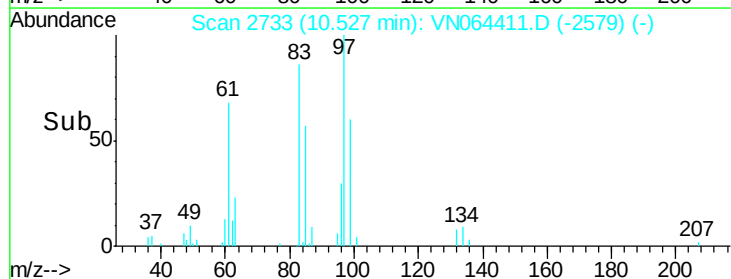
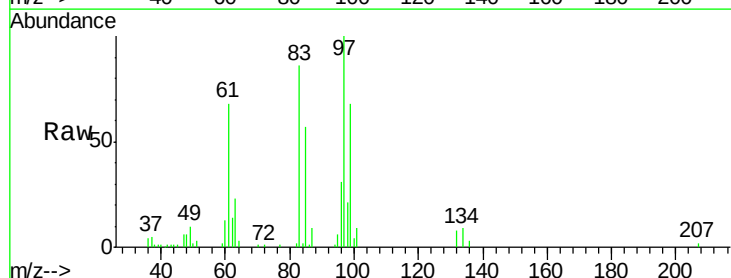
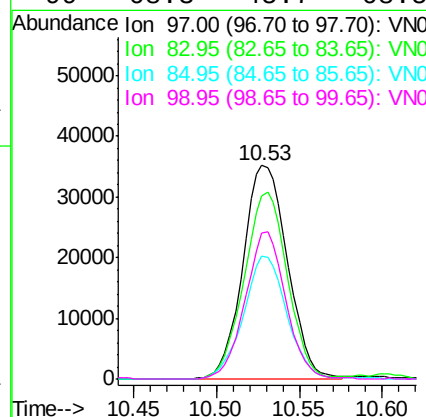
Manual Integrations
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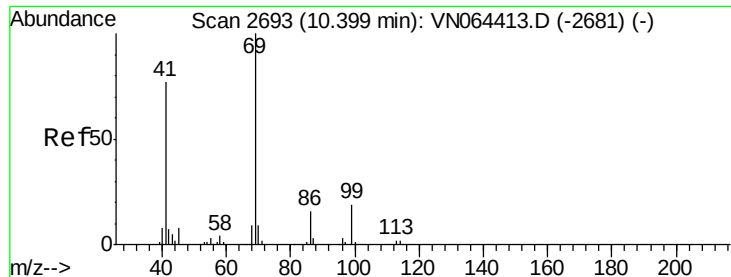
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 16.587 ug/l
 RT: 10.53 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	62.4	93.6
85	57.4	42.9	64.3
99	68.3	45.7	68.5





#51

Ethyl methacrylate

Concen: 15.619 ug/l

RT: 10.40 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

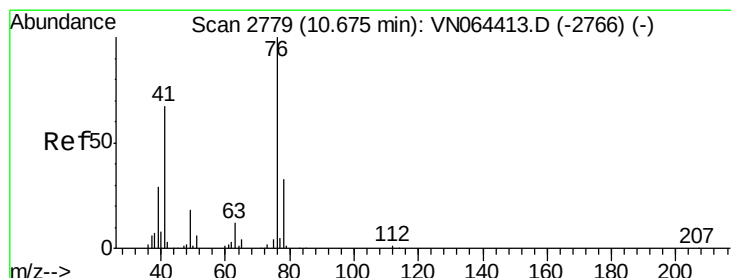
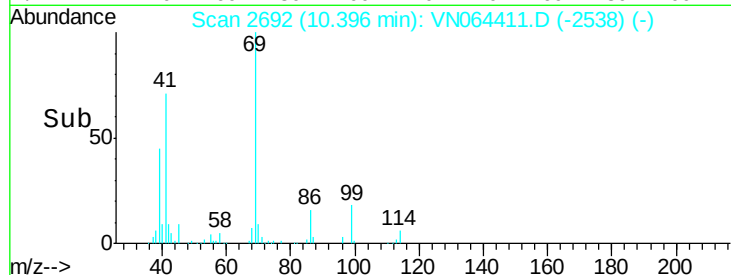
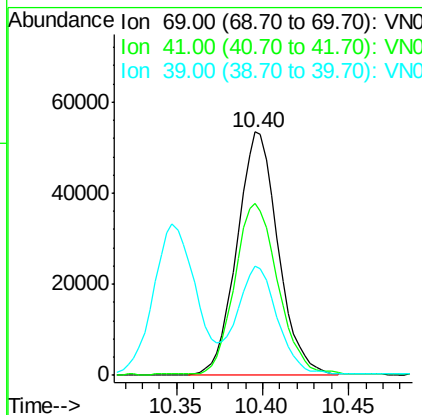
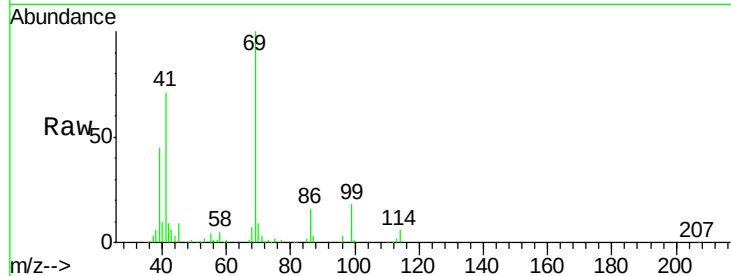
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	88781
Ion	Ratio	Lower	Upper
69	100		
41	70.1	38.4	115.2
39	44.2	22.7	68.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 16.982 ug/l

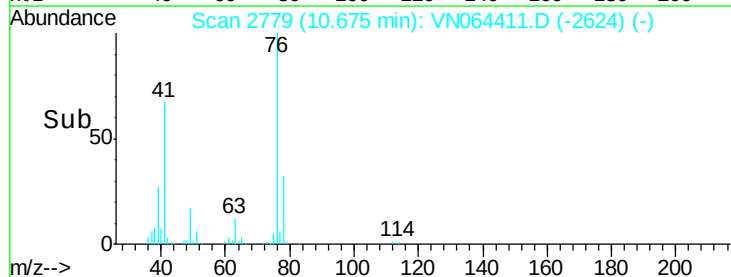
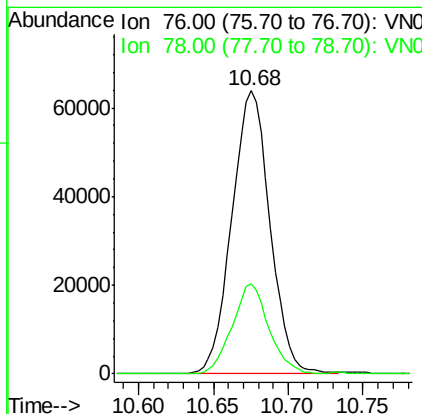
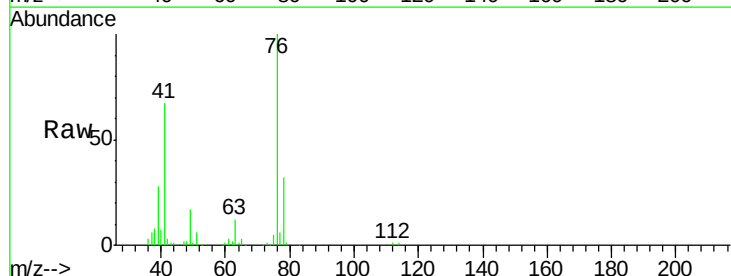
RT: 10.68 min Scan# 2779

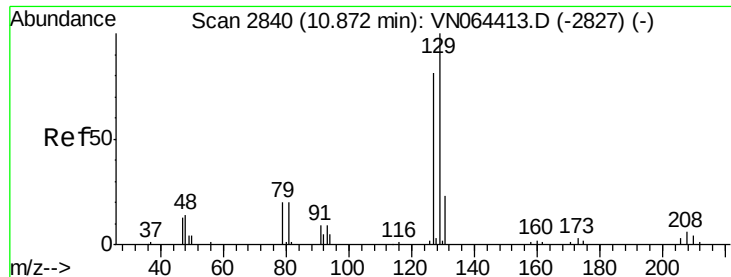
Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Tgt Ion:	76	Resp:	113315
Ion	Ratio	Lower	Upper
76	100		
78	30.6	0.0	65.2





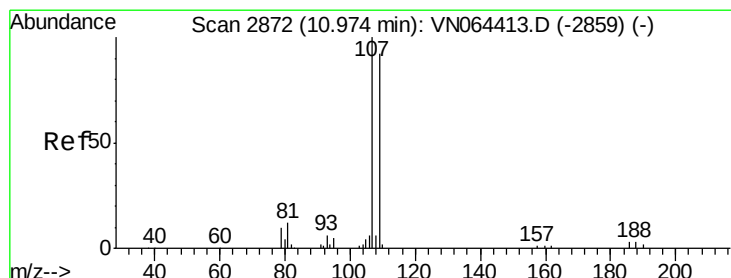
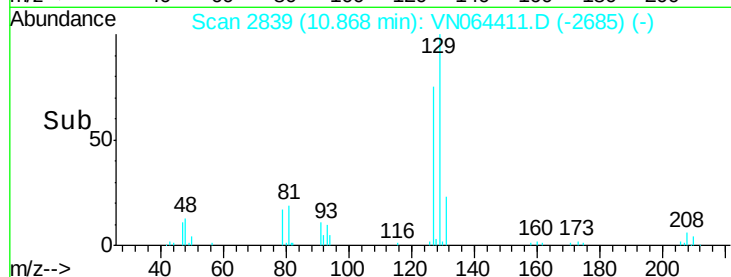
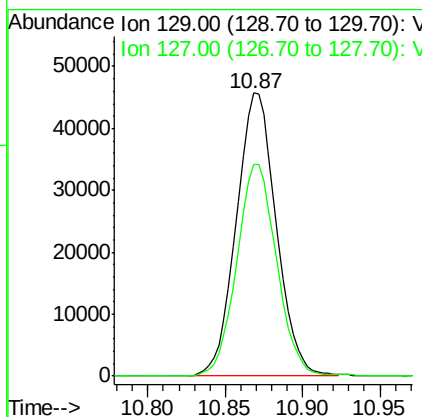
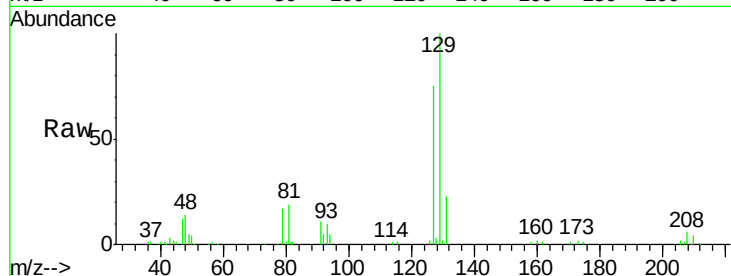
#53
 Dibromochloromethane
 Concen: 16.926 ug/l
 RT: 10.87 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:129 Resp: 82267
 Ion Ratio Lower Upper
 129 100
 127 74.3 38.6 115.7

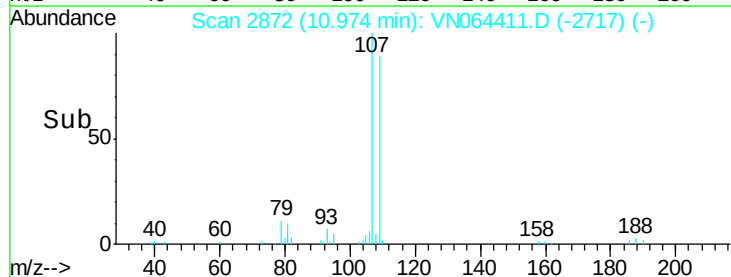
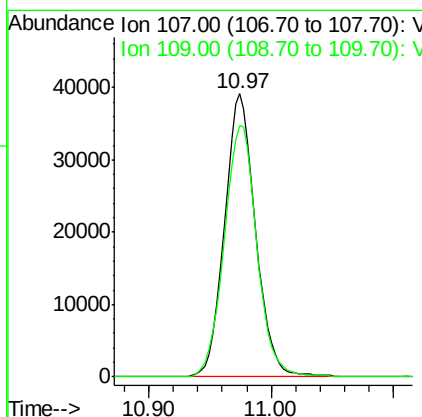
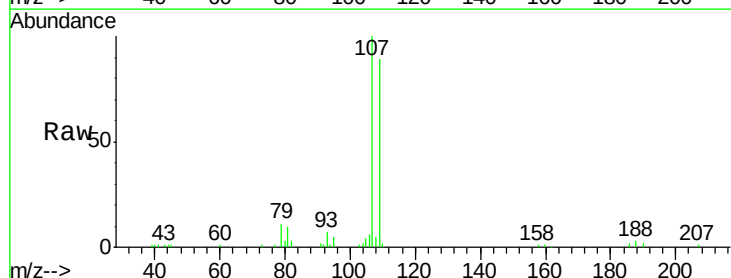
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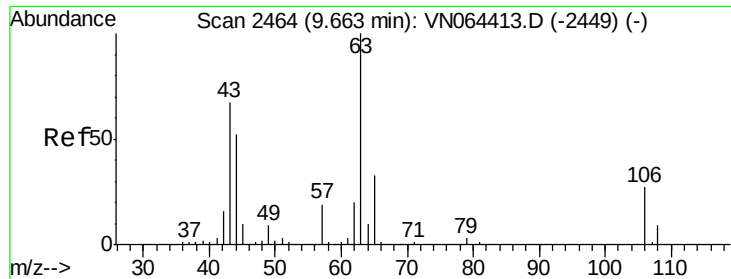
MMDadoda
 11/3/2020 2:20:39 PM



#54
 1,2-Dibromoethane
 Concen: 16.427 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion:107 Resp: 69572
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.5 114.7





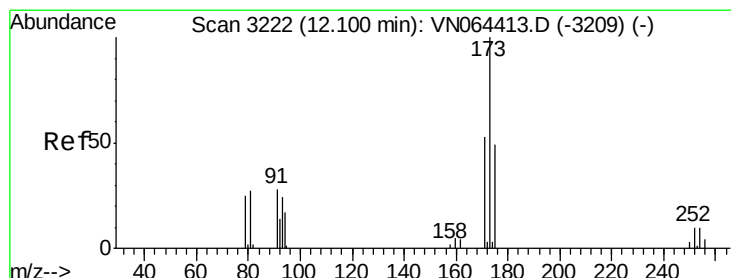
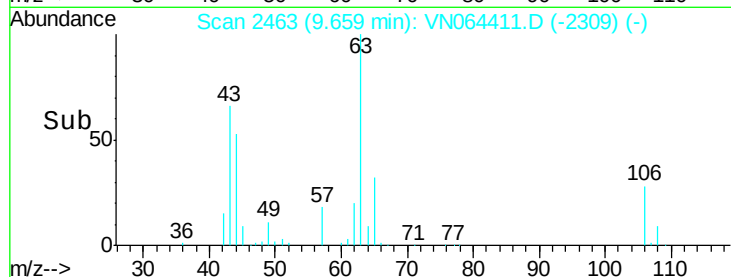
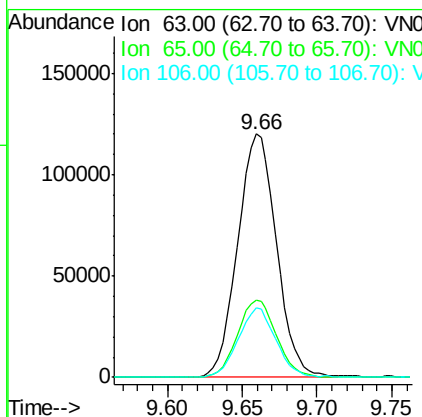
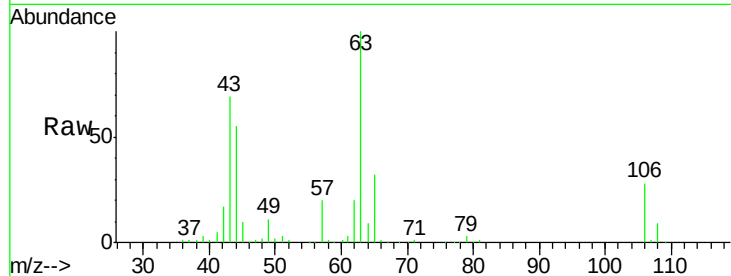
#55
2-Chloroethyl vinyl ether
Concen: 71.070 ug/l
RT: 9.66 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	26.2	39.4
106	27.6	21.8	32.6

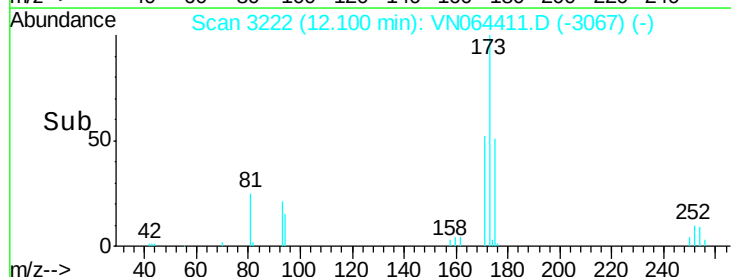
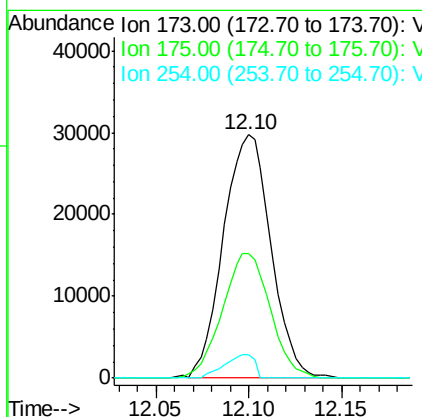
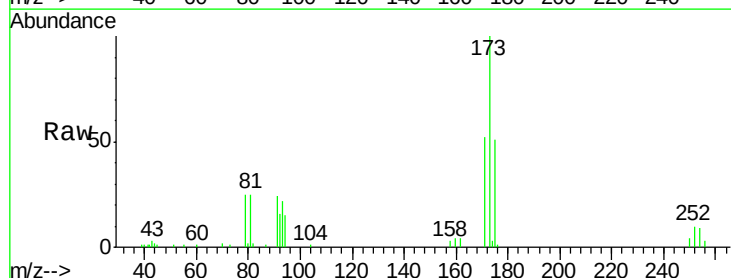
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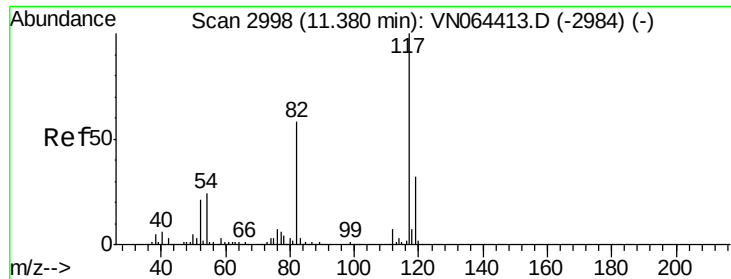
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#56
Bromoform
Concen: 15.394 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.5	39.0	58.4
254	6.1	7.0	10.6





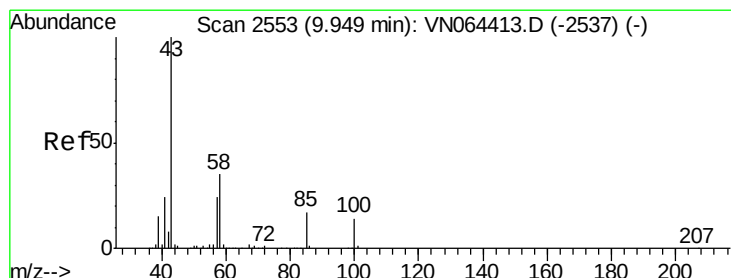
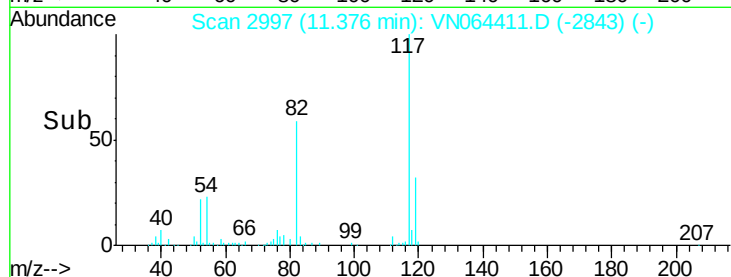
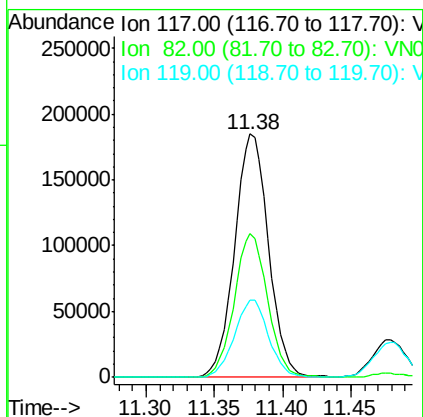
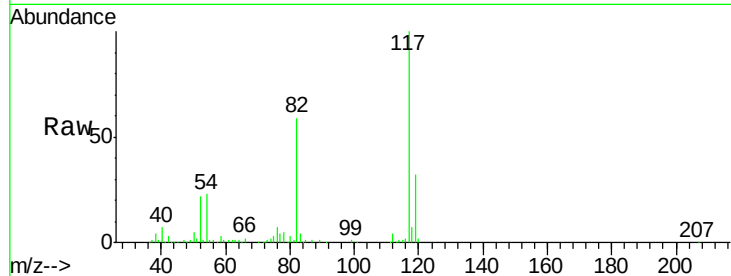
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	58.2	46.1	69.1
119	31.9	26.2	39.2

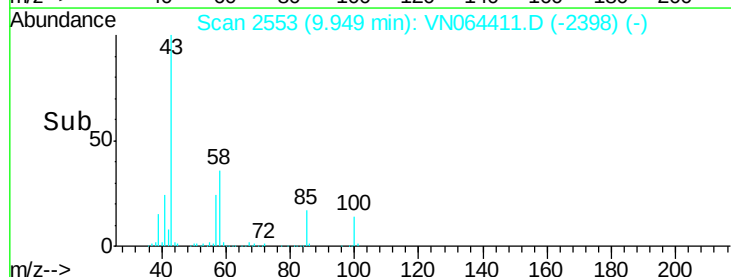
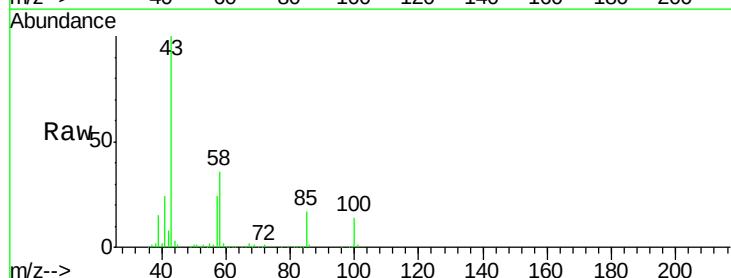
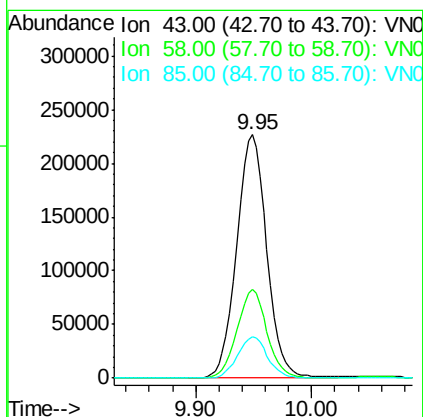
Manual Integrations
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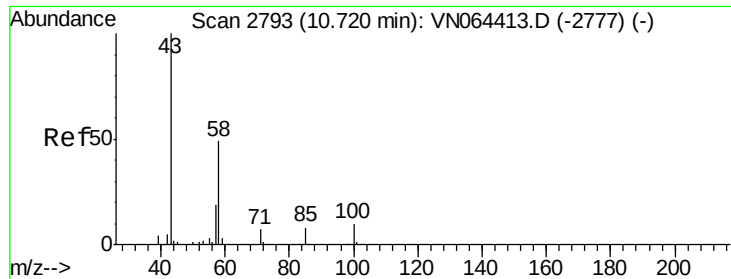
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 80.018 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	36.4	28.6	43.0
85	16.9	13.5	20.3





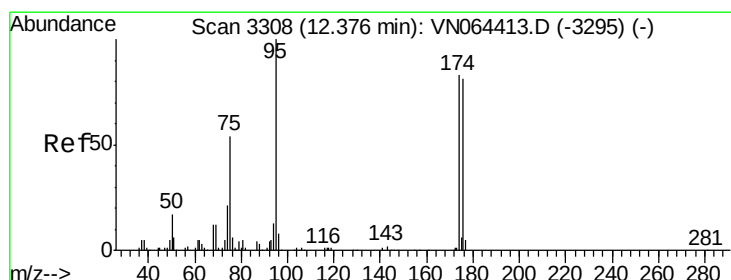
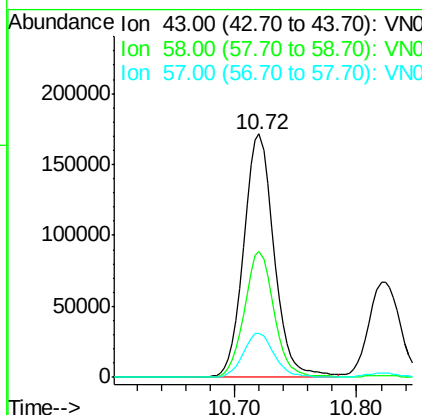
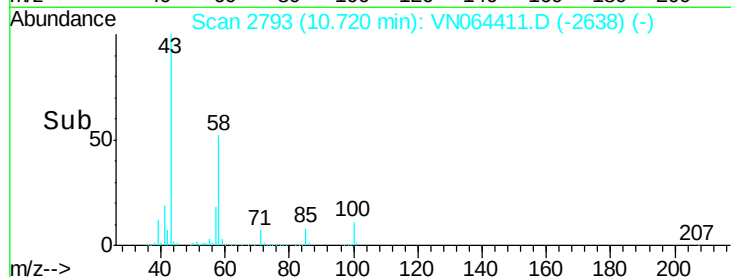
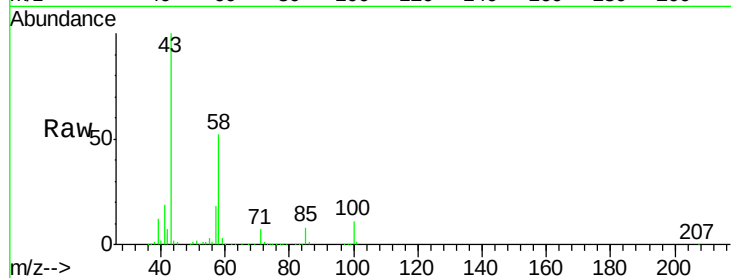
#59
2-Hexanone
Concen: 77.961 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.5	39.4	59.0
57	18.6	14.4	21.6

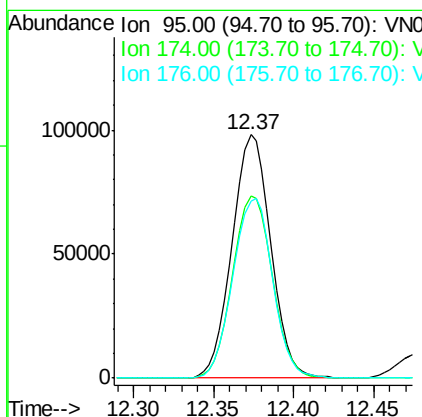
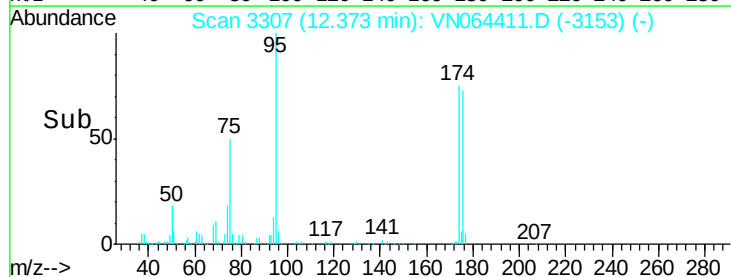
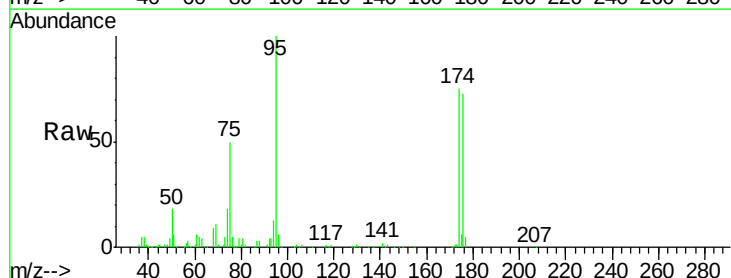
Manual Integrations
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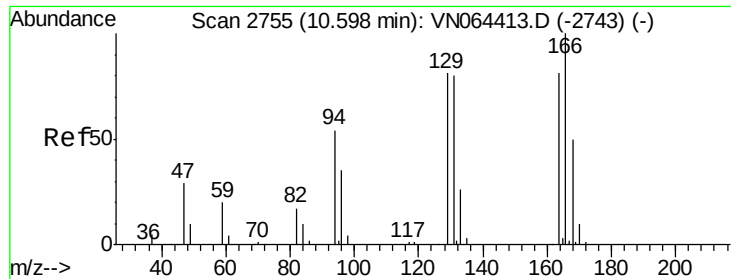
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#60
4-Bromofluorobenzene
Concen: 29.986 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.1	65.2	97.8
176	76.0	62.2	93.4





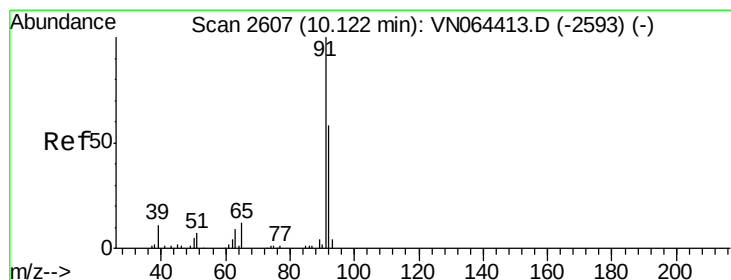
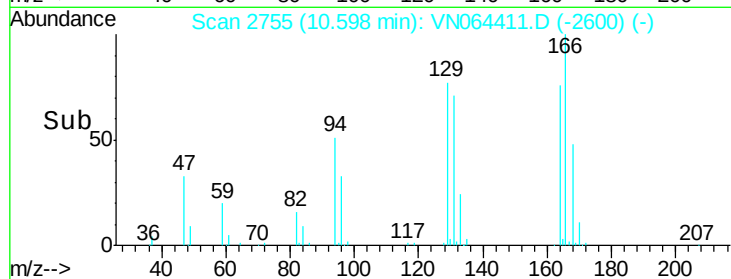
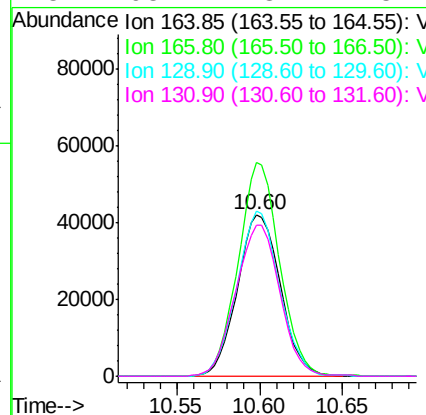
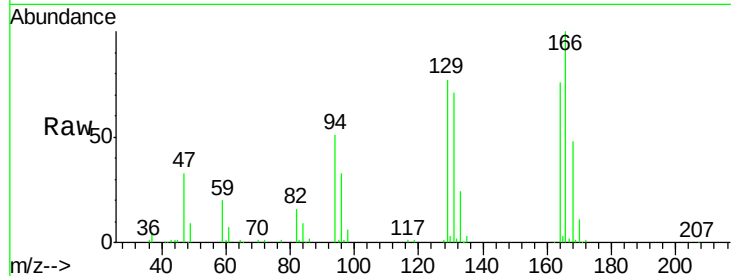
#61
Tetrachloroethene
 Concen: 17.495 ug/l
 RT: 10.60 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

Tot Ion	164	Resp	75702
Ion	Ratio	Lower	Upper
164	100		
166	132.0	98.7	148.1
129	102.2	80.2	120.4
131	93.1	78.7	118.1

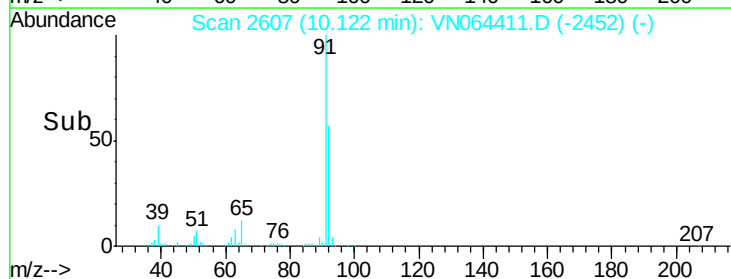
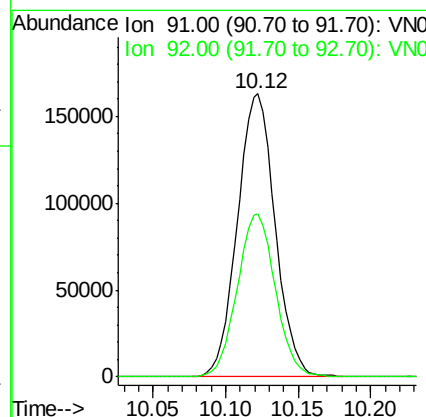
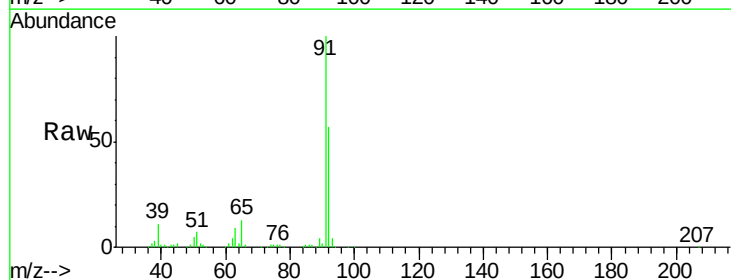
Manual Integrations
APPROVED

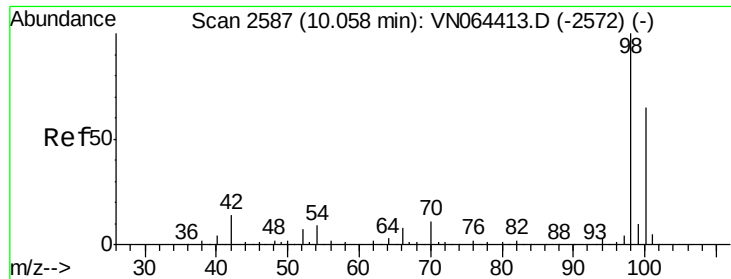
MMDadoda
 11/3/2020 2:20:39 PM



#62
Toluene
 Concen: 16.487 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion	91	Resp	294770
Ion	Ratio	Lower	Upper
91	100		
92	58.1	46.2	69.4





#63

Toluene-d8

Concen: 30.109 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 428560

Ion Ratio Lower Upper

98 100

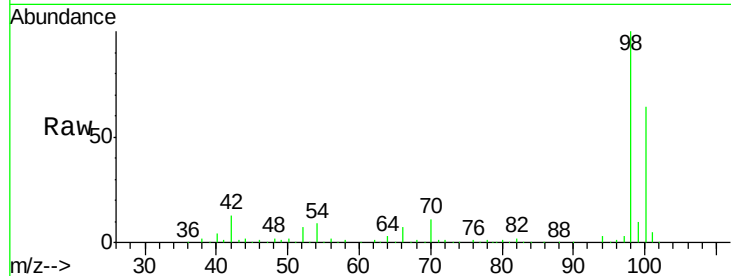
100 64.5 51.9 77.9

Manual Integrations

APPROVED

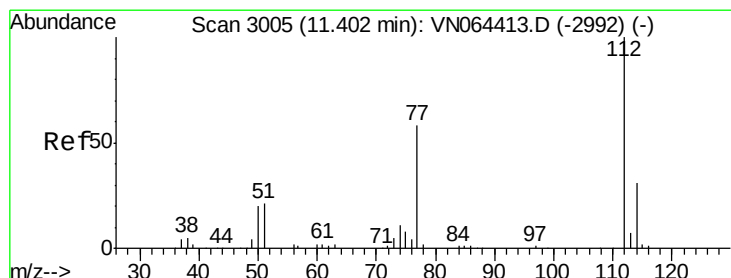
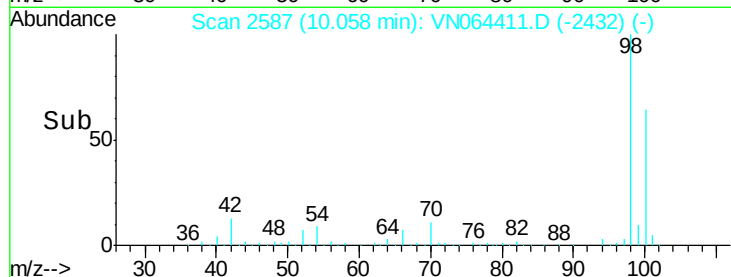
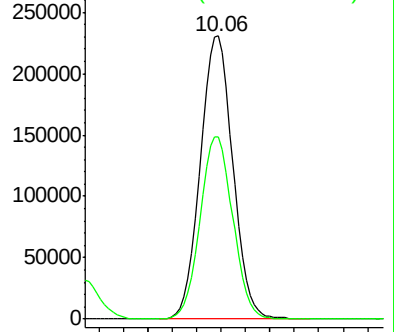
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Abundance Ion 98.00 (97.70 to 98.70): VN064411.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064411.D (-2572) (-)



#64

Chlorobenzene

Concen: 16.764 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064411.D

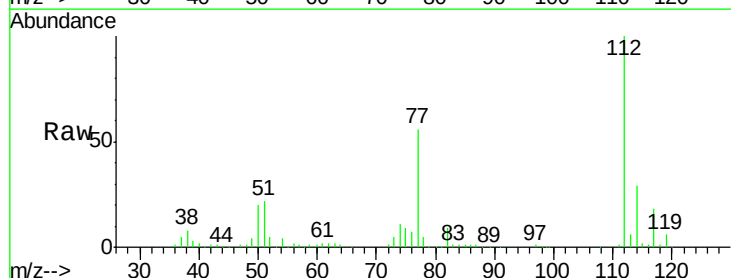
Acq: 2 Nov 2020 13:18

Tgt Ion: 112 Resp: 187638

Ion Ratio Lower Upper

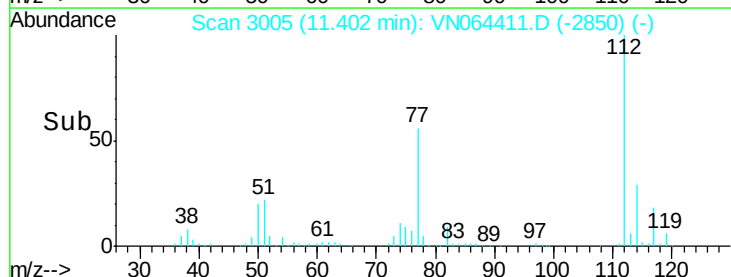
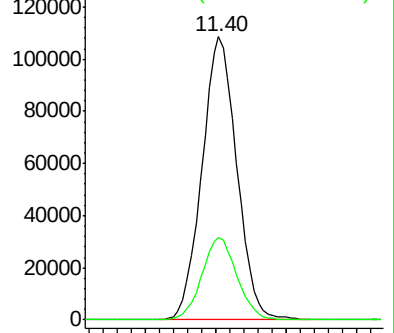
112 100

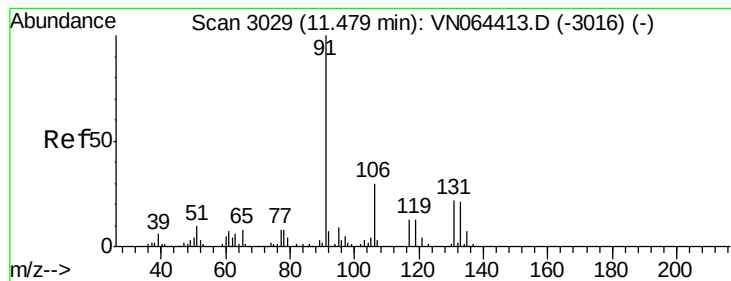
114 29.3 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): VN064411.D (-2992) (-)

Ion 114.00 (113.70 to 114.70): VN064411.D (-2992) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 17.086 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

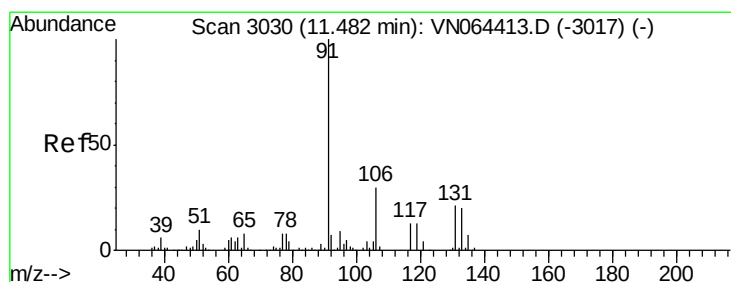
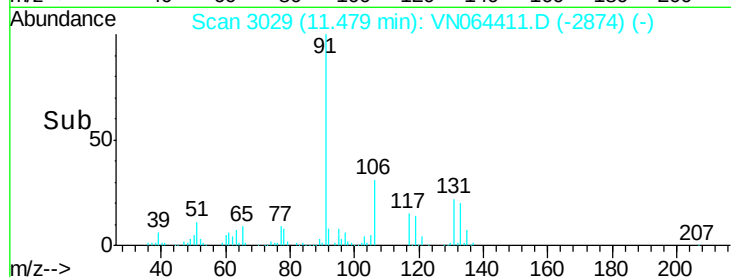
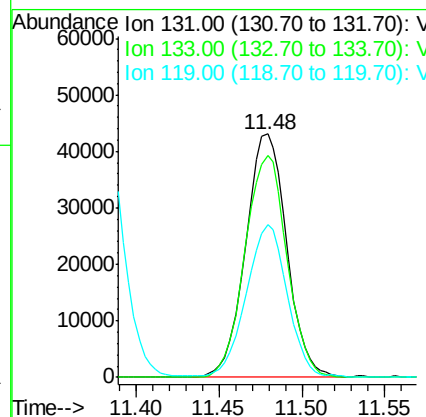
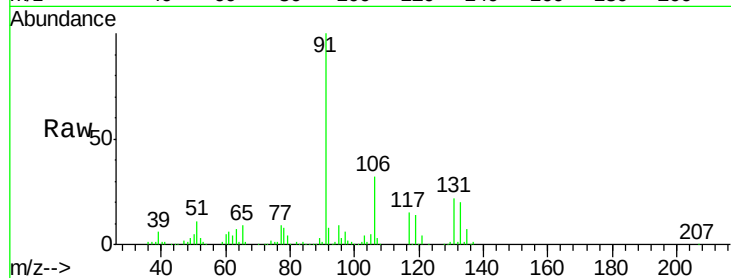
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	74302
Ion	Ratio	Lower	Upper
131	100		
133	92.8	0.0	191.2
119	60.9	0.0	125.6

Manual Integrations
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#66

Ethyl Benzene

Concen: 16.735 ug/l

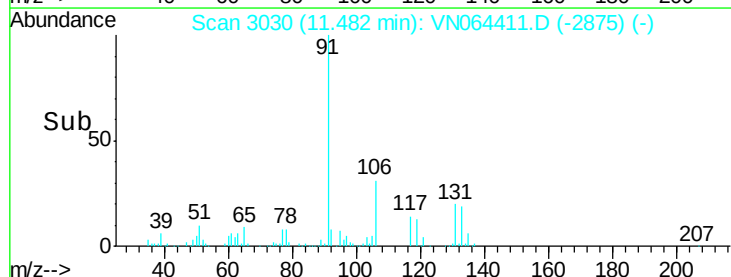
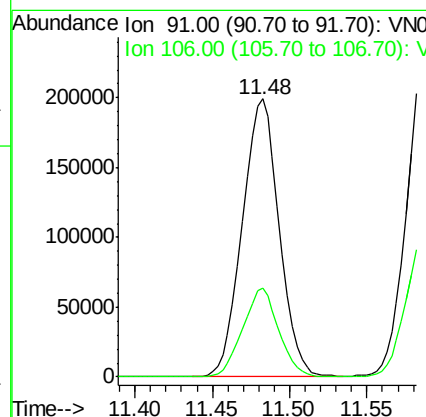
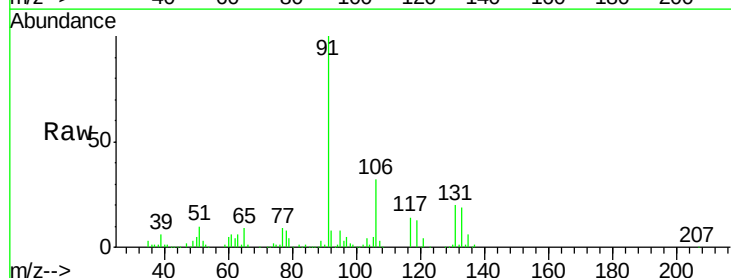
RT: 11.48 min Scan# 3030

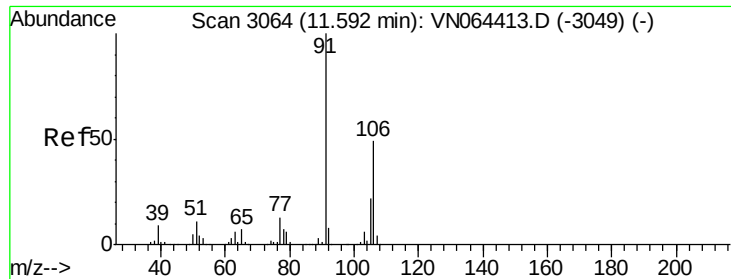
Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Tgt Ion:	91	Resp:	330155
Ion	Ratio	Lower	Upper
91	100		
106	32.1	23.9	35.9





#67

m/p-Xylenes

Concen: 33.099 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020

Tot Ion:106 Resp: 245615

Ion Ratio Lower Upper

106 100

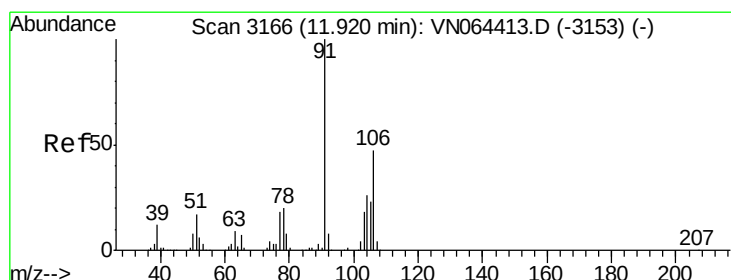
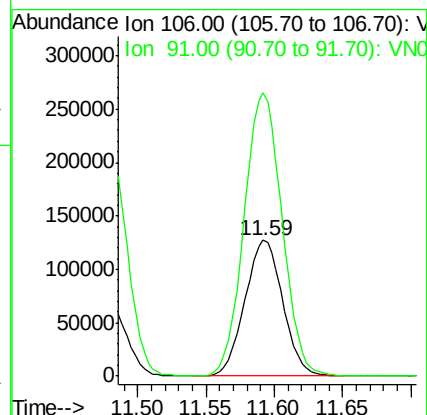
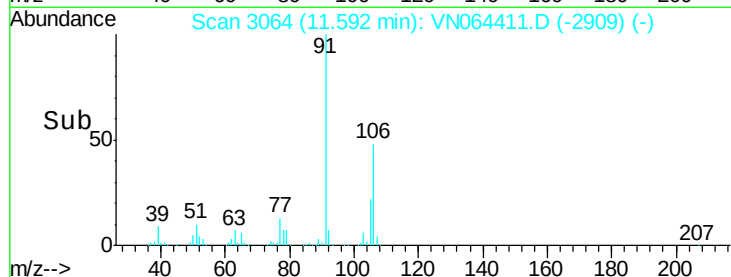
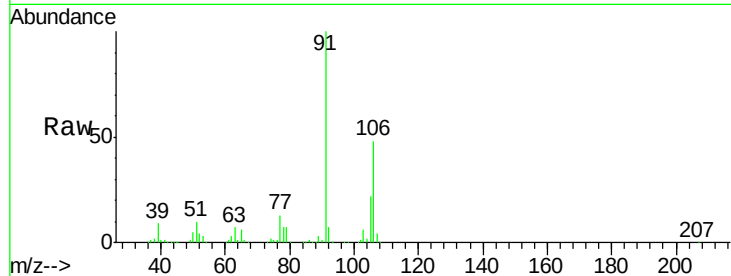
91 207.0 166.8 250.2

Manual Integrations

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#68

o-Xylene

Concen: 16.218 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. -0.00 min

Lab File: VN064411.D

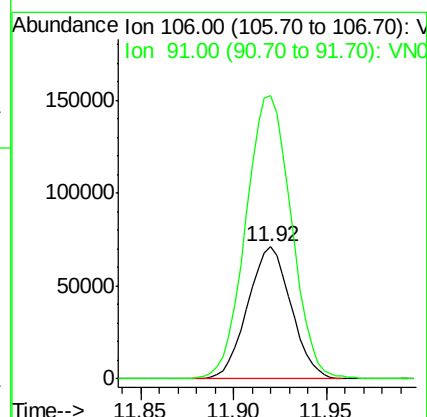
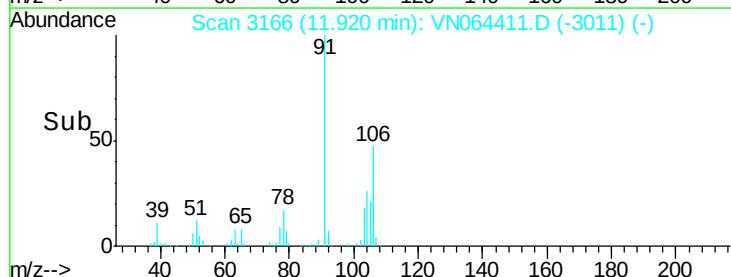
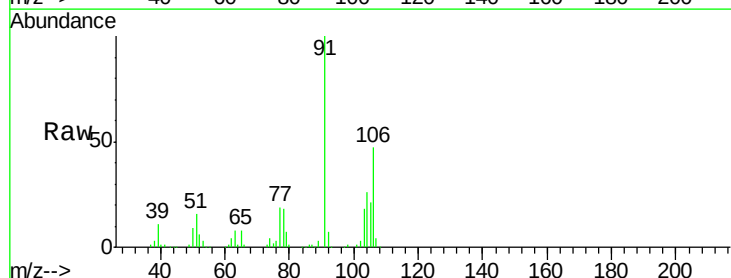
Acq: 2 Nov 2020 13:18

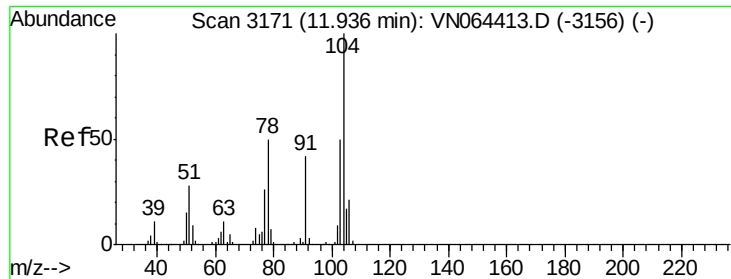
Tgt Ion:106 Resp: 115974

Ion Ratio Lower Upper

106 100

91 224.5 106.7 320.1





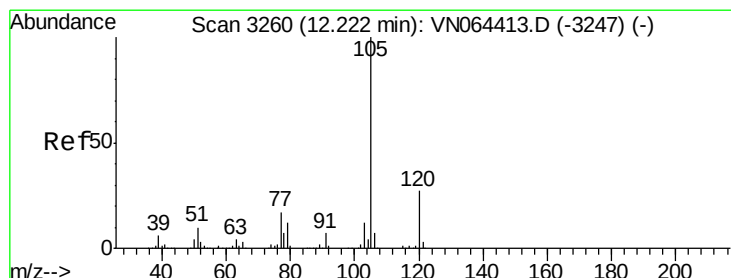
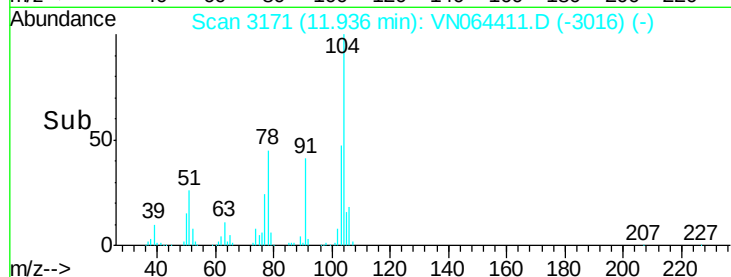
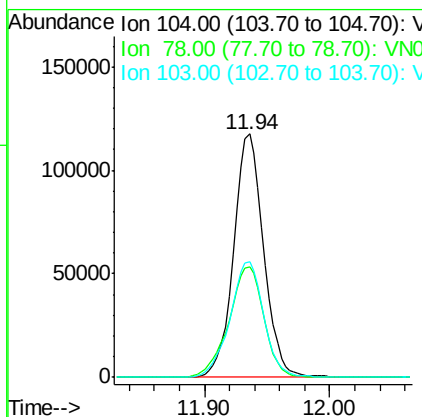
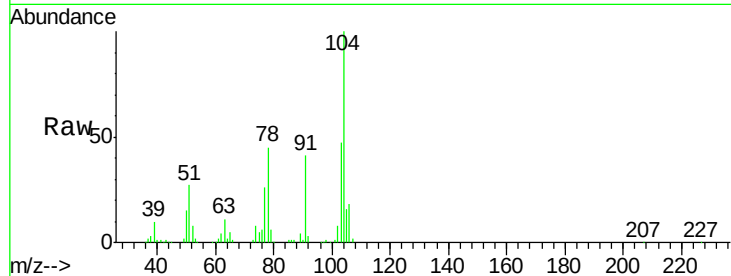
#69
Stvrene
Concen: 16.363 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.9	44.3	66.5
103	53.4	43.5	65.3

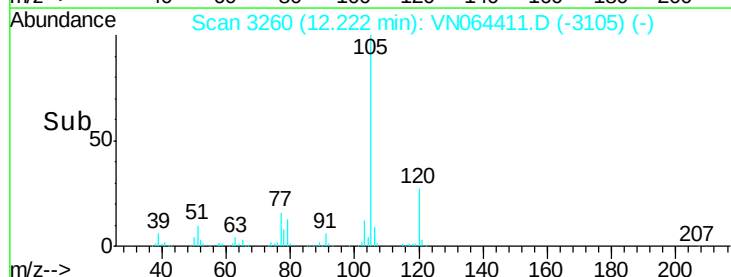
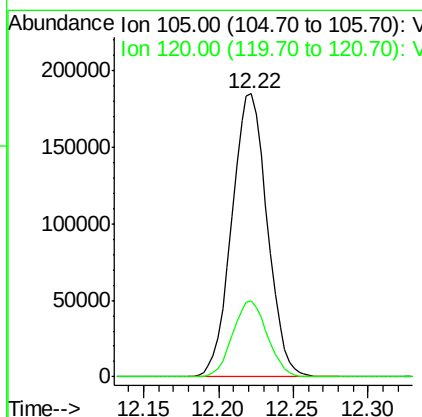
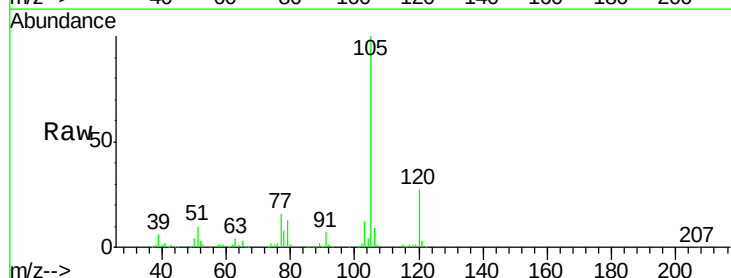
Manual Integrations
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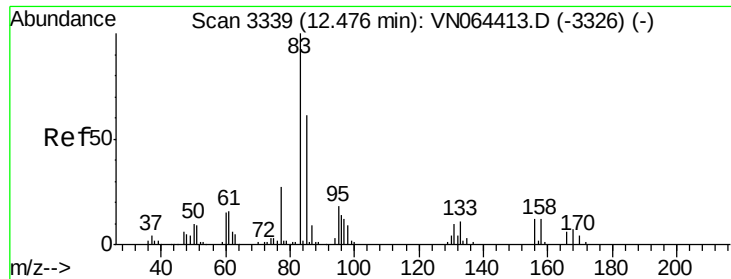
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#70
Isopropylbenzene
Concen: 16.509 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.0	33.4





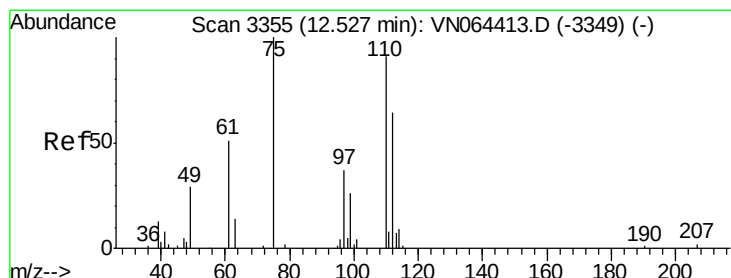
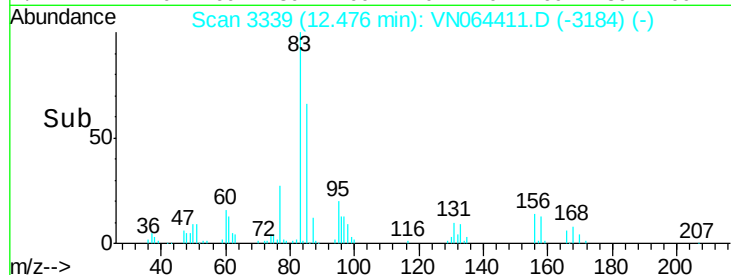
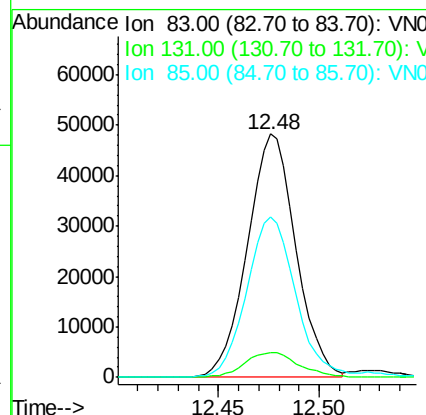
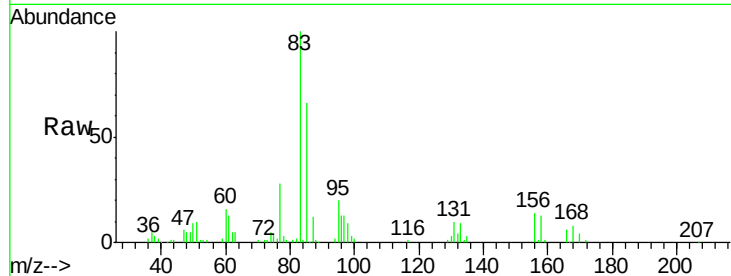
#71
 1,1,2,2-Tetrachloroethane
 Concen: 15.751 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	83	Resp	81033
Ion Ratio	100	Lower	Upper
83	100		
131	11.4	5.3	16.1
85	66.4	30.9	92.7

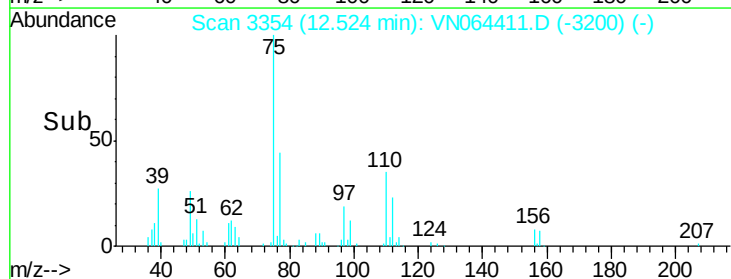
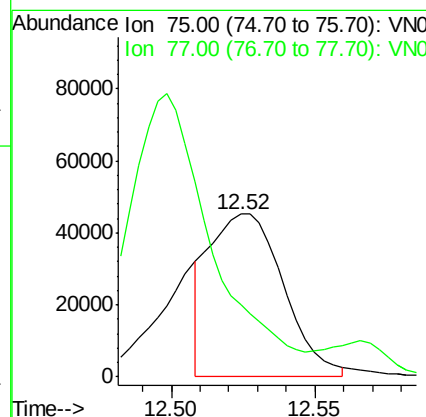
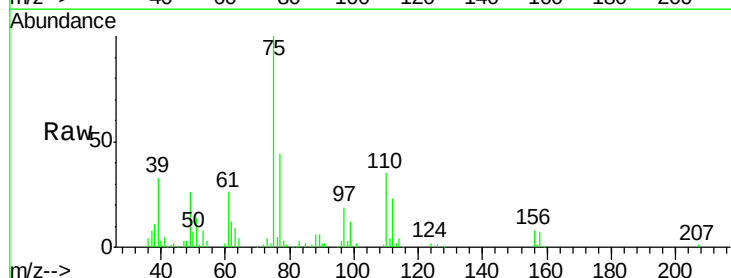
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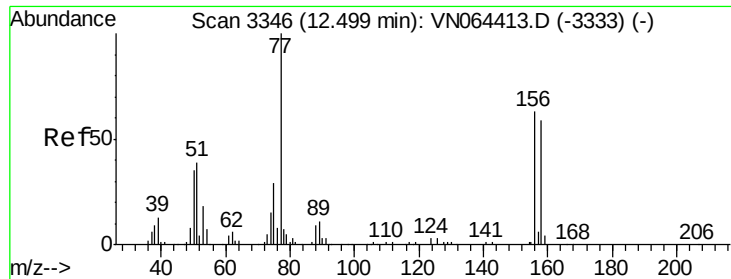
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 11/3/2020 2:20:39 PM



#72
 1,2,3-Trichloropropane
 Concen: 14.133 ug/l m
 RT: 12.52 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion	75	Resp	81381
Ion Ratio	100	Lower	Upper
75	100		
77	196.5	0.0	374.2





#73

Bromobenzene

Concen: 16.868 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

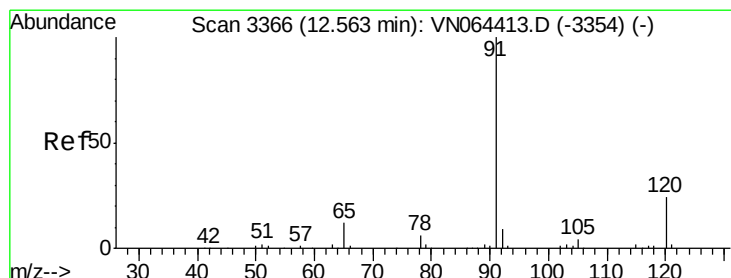
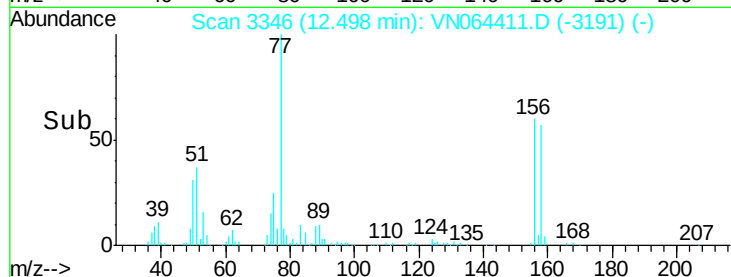
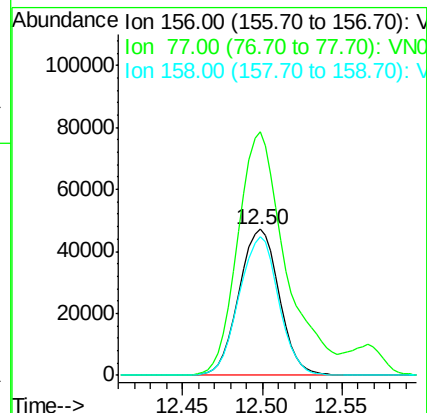
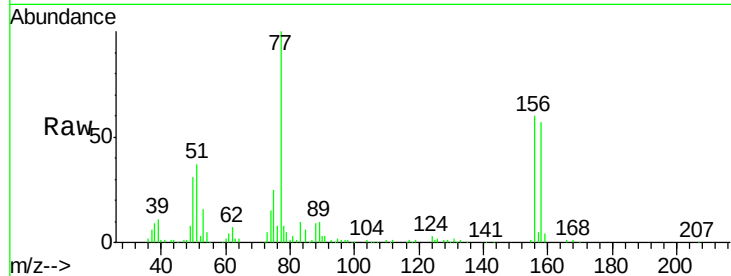
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	197.5	0.0	409.4
158	93.2	0.0	192.0

Manual Integrations
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#74

n-propylbenzene

Concen: 16.688 ug/l

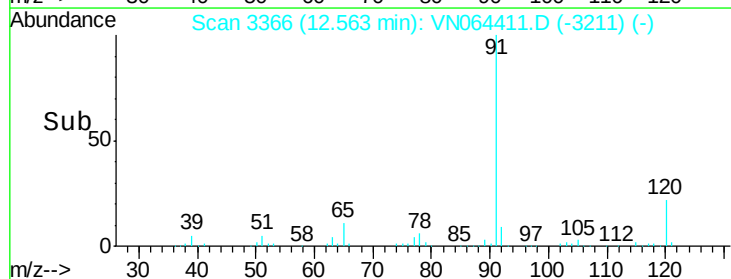
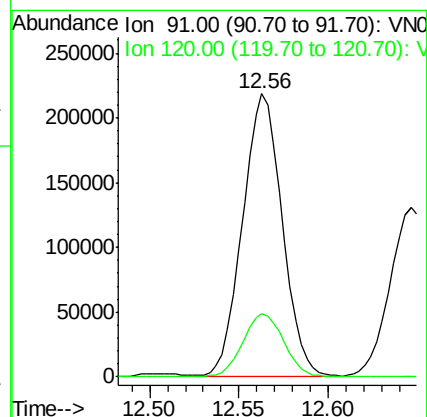
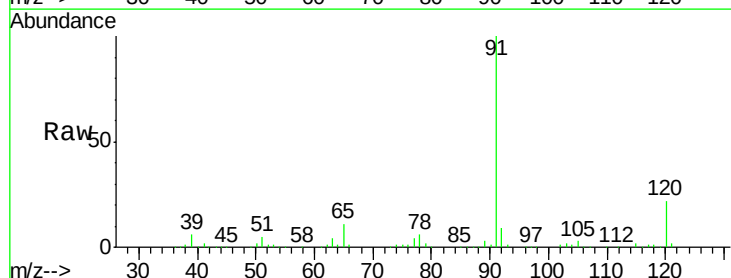
RT: 12.56 min Scan# 3366

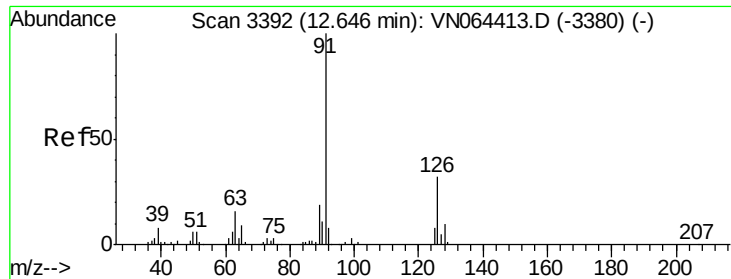
Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	0.0	47.4





#75

2-Chlorotoluene

Concen: 16.737 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020

Tot Ion: 91 Resp: 215078

Ion Ratio Lower Upper

91 100

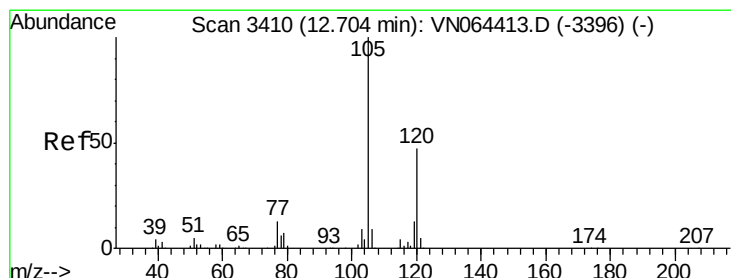
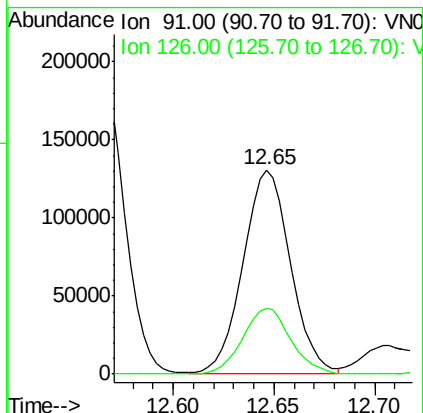
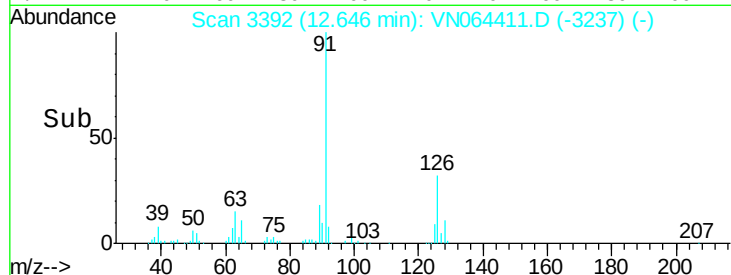
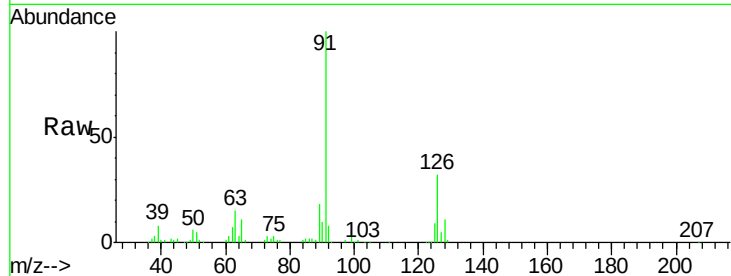
126 32.8 0.0 63.8

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 17.053 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064411.D

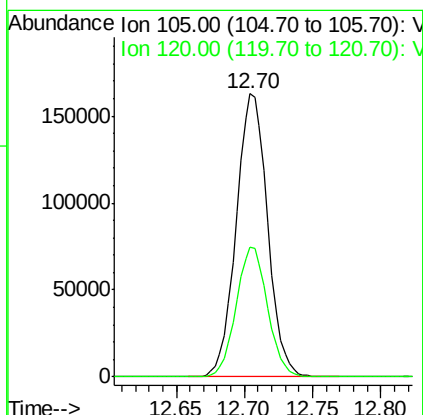
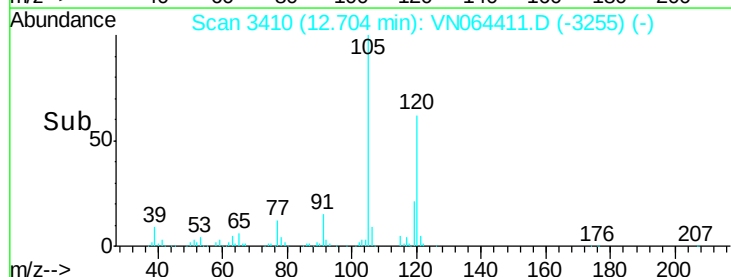
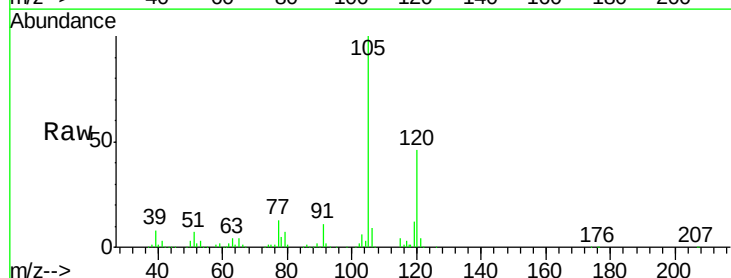
Acq: 2 Nov 2020 13:18

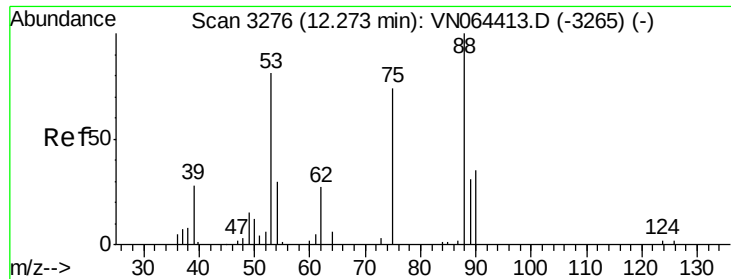
Tgt Ion: 105 Resp: 259887

Ion Ratio Lower Upper

105 100

120 45.9 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 15.792 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

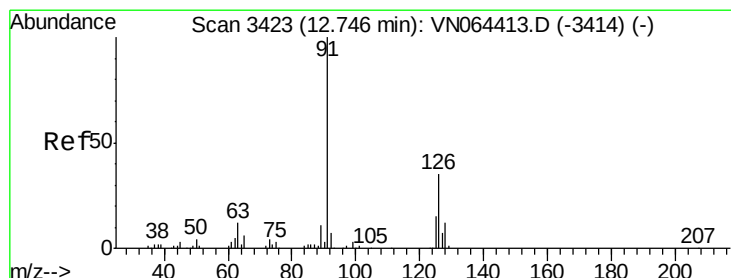
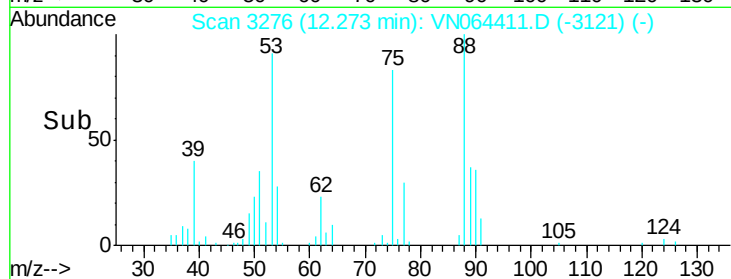
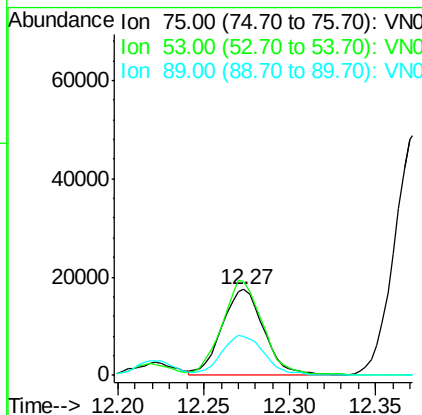
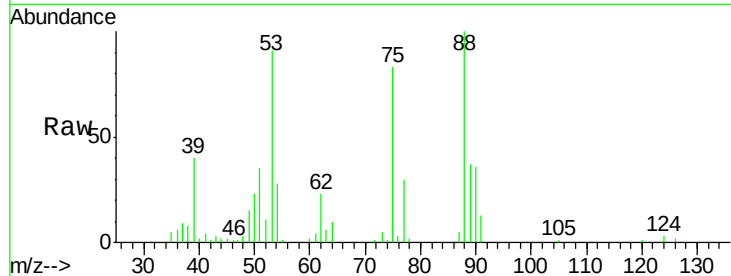
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	29904
Ion	Ratio	Lower	Upper
75	100		
53	107.6	54.1	162.4
89	45.0	23.1	69.3

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#78

4-Chlorotoluene

Concen: 16.499 ug/l

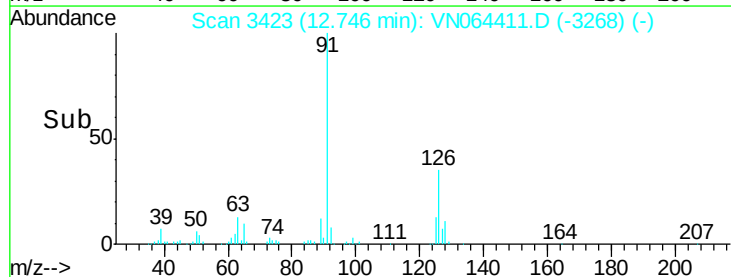
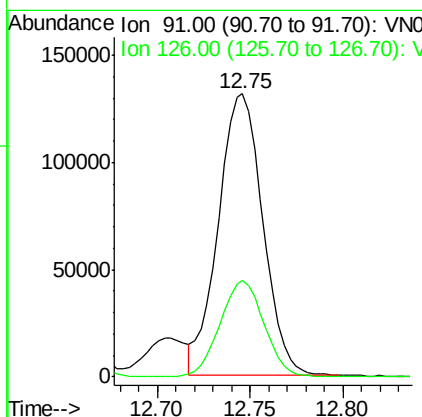
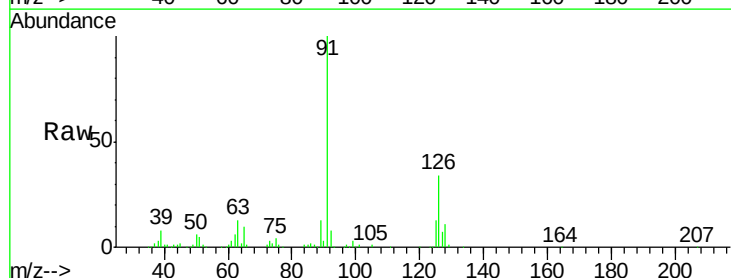
RT: 12.75 min Scan# 3423

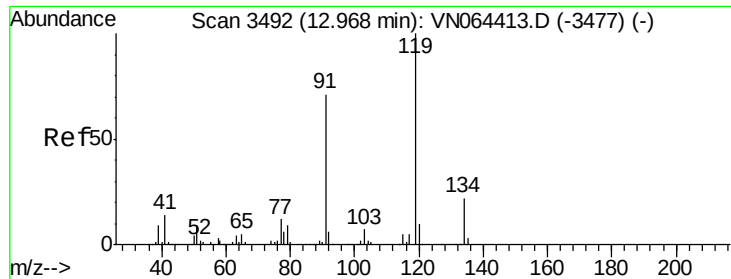
Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Tgt Ion:	91	Resp:	219054
Ion	Ratio	Lower	Upper
91	100		
126	33.9	0.0	63.2





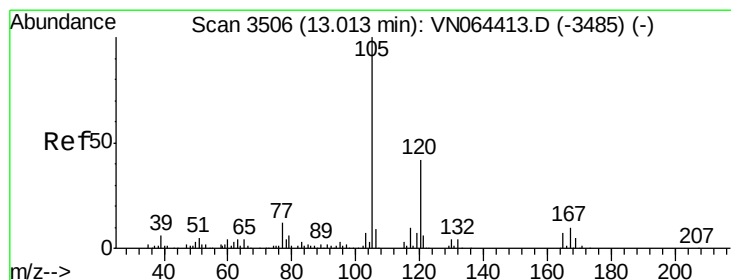
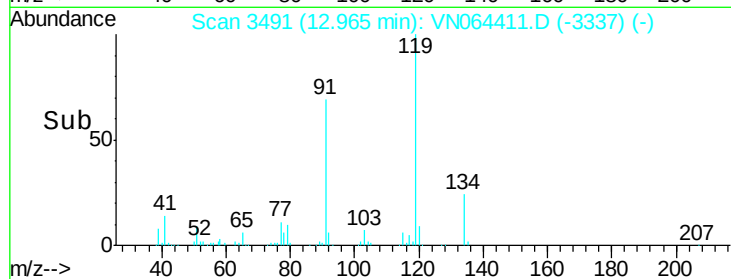
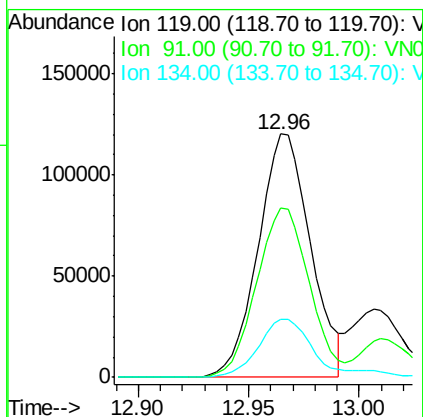
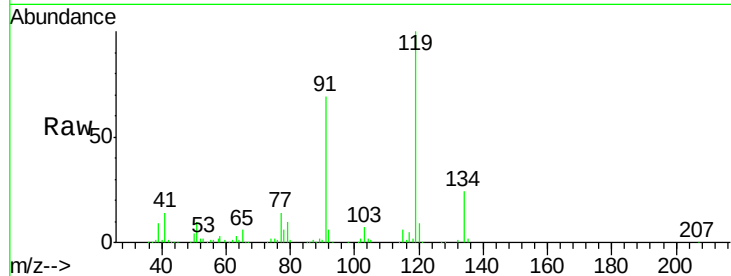
#79
tert-butylbenzene
Concen: 16.233 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	197859		
91	70.4		0.0	140.4
134	24.5		0.0	46.2

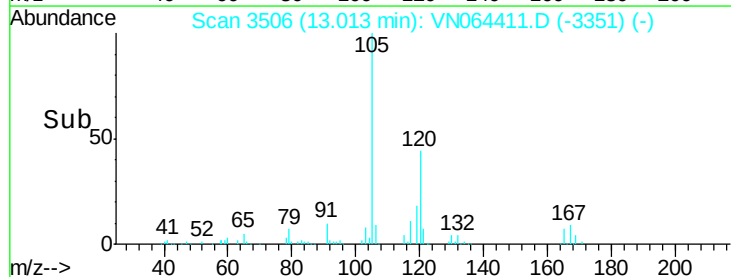
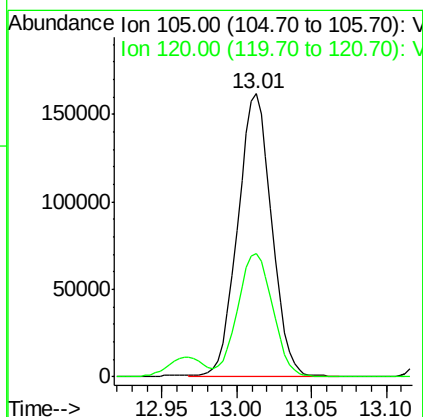
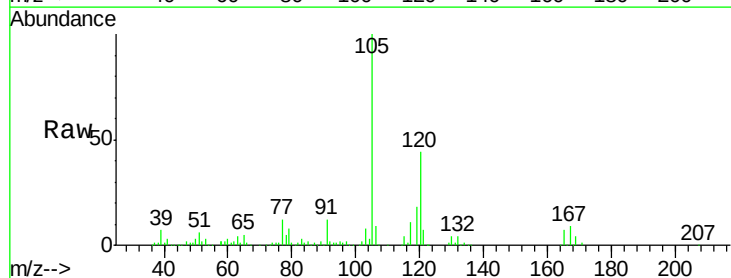
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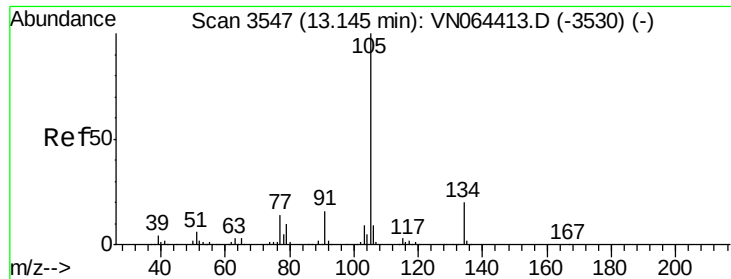
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#80
1,2,4-Trimethylbenzene
Concen: 16.476 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254397		
120	45.5		0.0	88.0





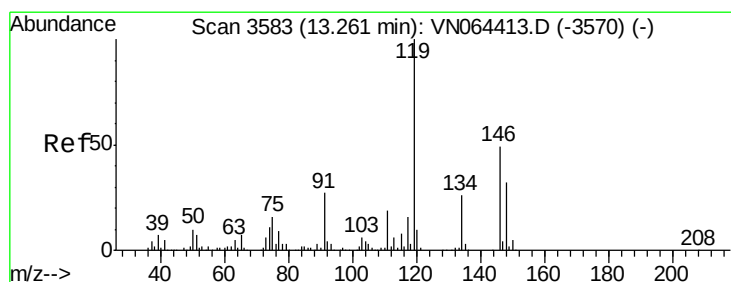
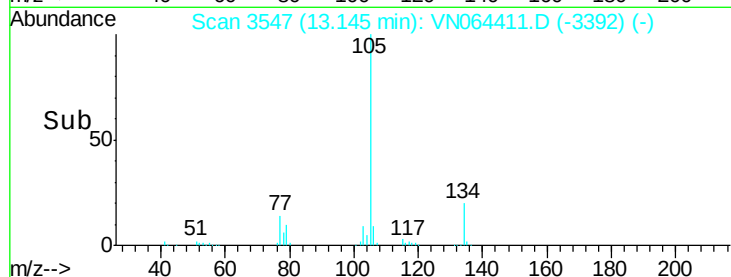
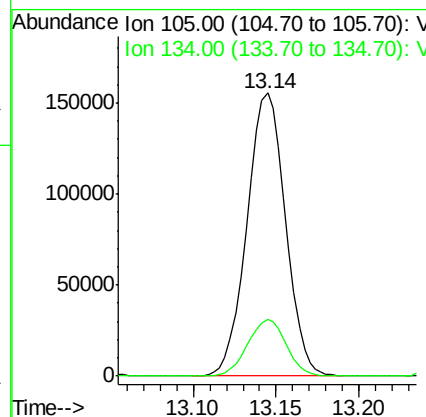
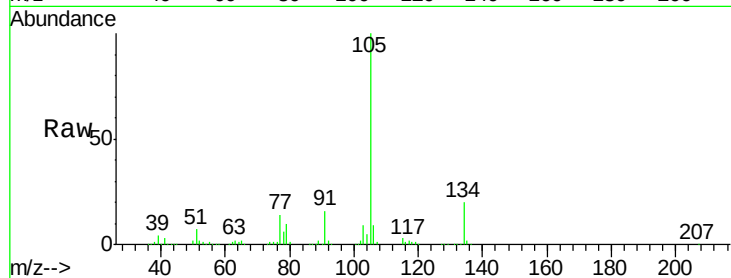
#81
 sec-Butylbenzene
 Concen: 16.335 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	251146		
134	20.1	0.0	39.2	

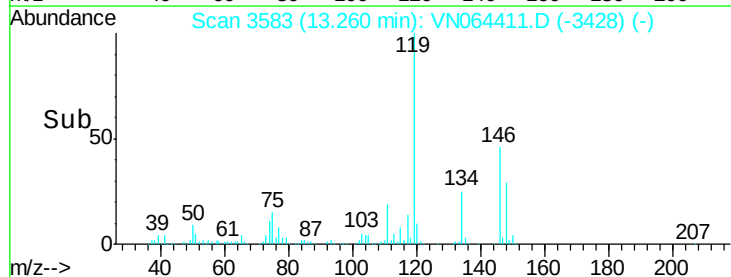
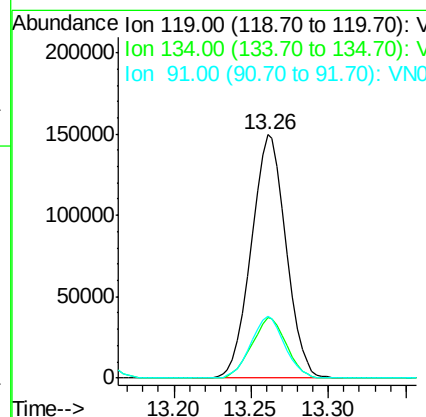
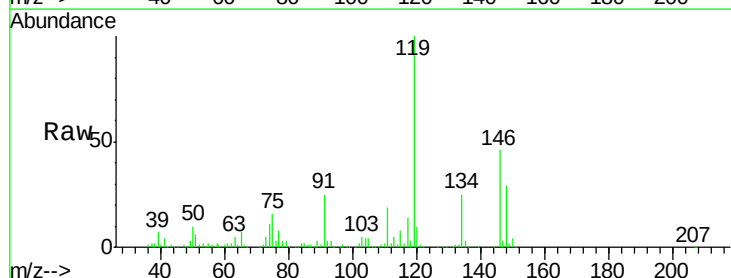
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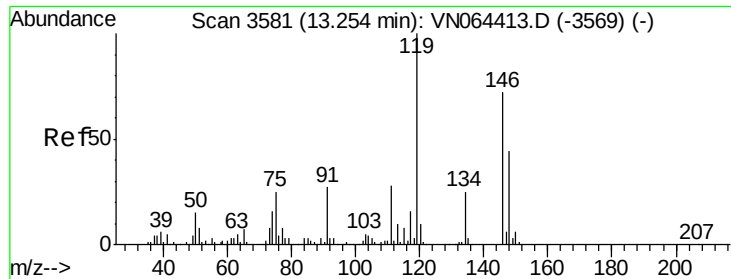
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#82
 p-Isopropyltoluene
 Concen: 16.437 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	232215		
134	25.1	0.0	51.0	
91	25.1	0.0	51.4	





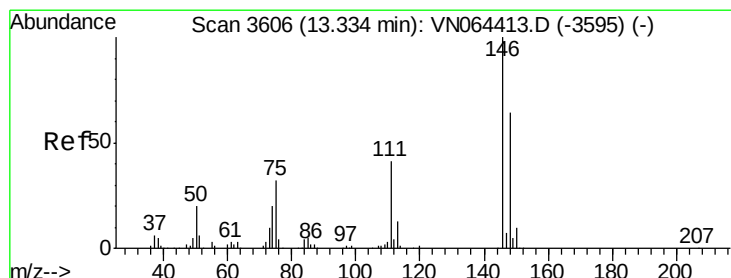
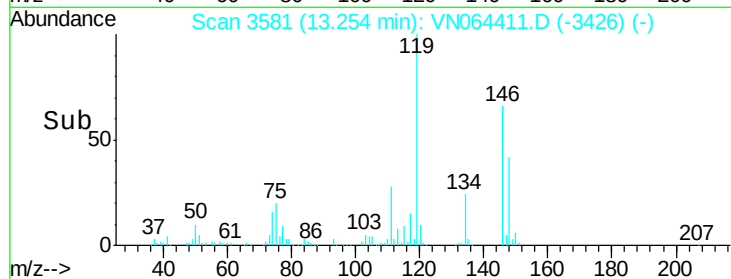
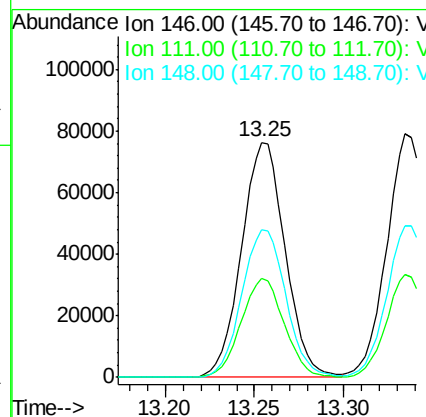
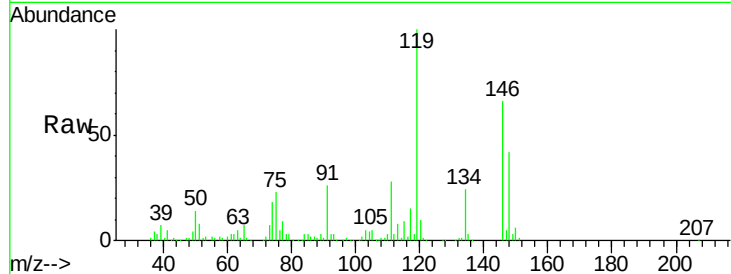
#83
 1,3-Dichlorobenzene
 Concen: 15.985 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	130352		
111	41.6	20.5	61.6	
148	63.6	31.9	95.5	

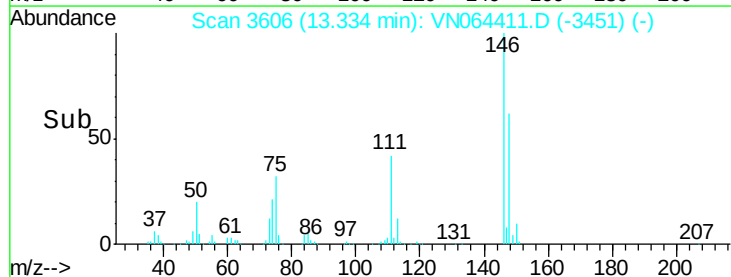
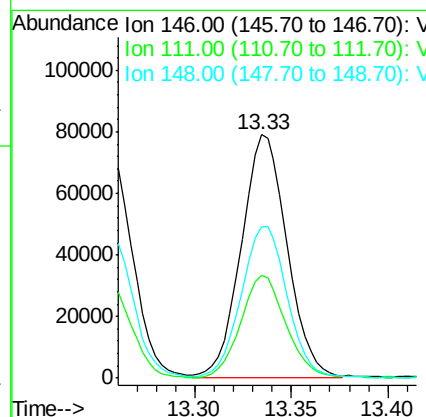
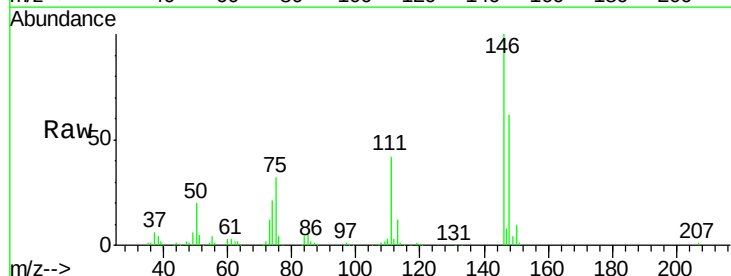
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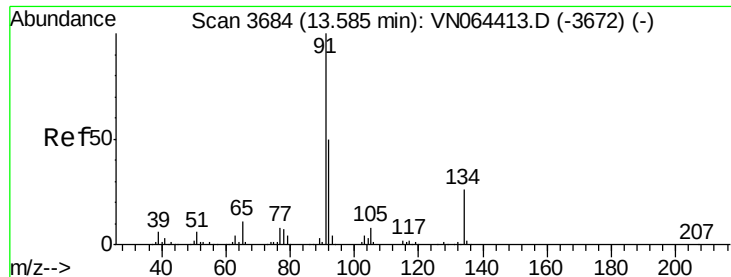
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#84
 1,4-Dichlorobenzene
 Concen: 15.905 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	130645		
111	41.6	19.9	59.6	
148	63.1	31.9	95.5	





#85

n-Butylbenzene

Concen: 16.671 ug/l

RT: 13.59 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

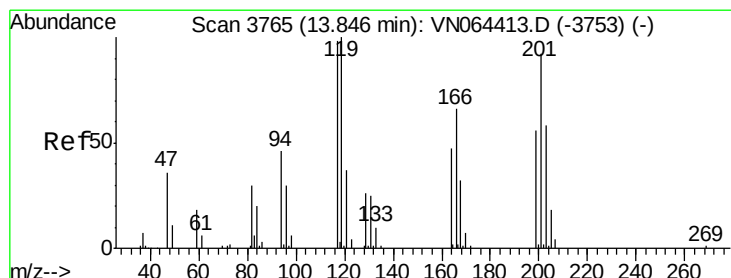
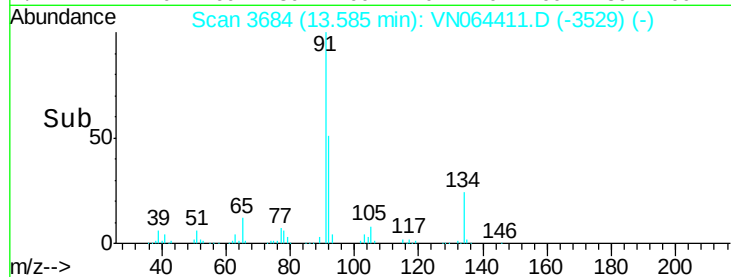
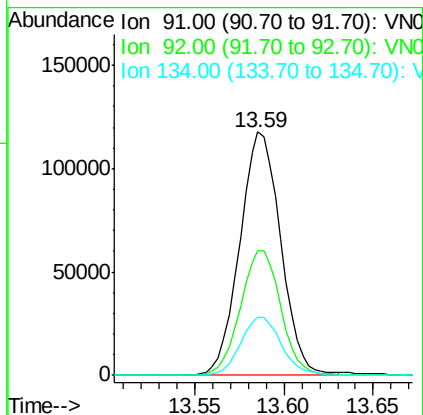
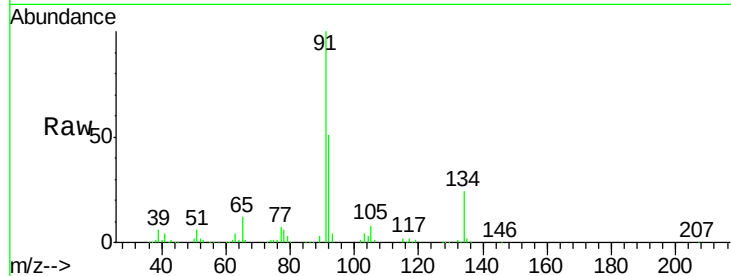
ClientSampleId :

VSTDCCC020

Tot Ion:	91	Resp:	187983
Ion Ratio	Lower	Upper	
91	100		
92	50.5	0.0	99.4
134	23.9	0.0	50.0

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#86

Hexachloroethane

Concen: 16.468 ug/l

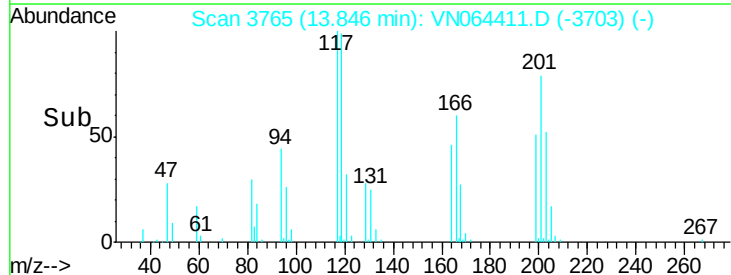
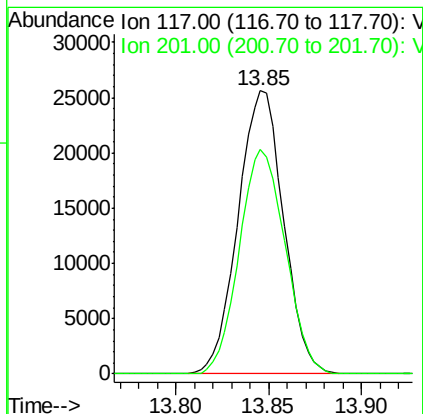
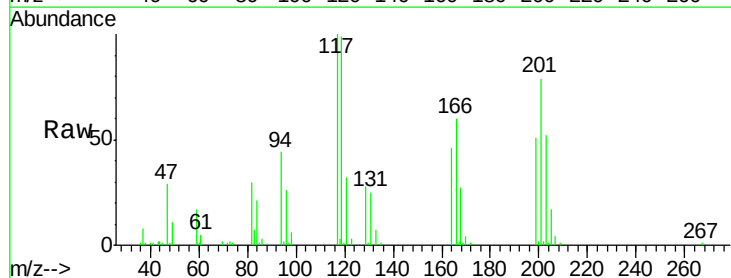
RT: 13.85 min Scan# 3765

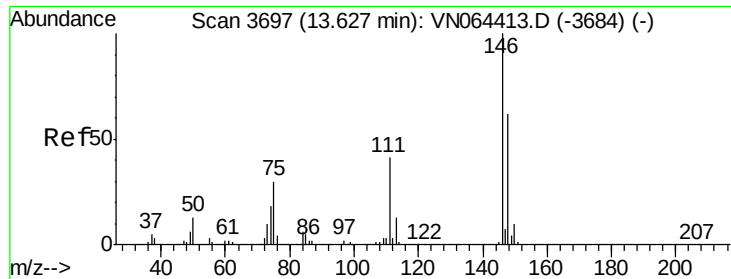
Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Tgt Ion:	117	Resp:	43627
Ion Ratio	Lower	Upper	
117	100		
201	80.0	42.7	128.1





#87

1,2-Dichlorobenzene

Concen: 16.517 ug/l

RT: 13.62 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Instrument :

MSVOA_N

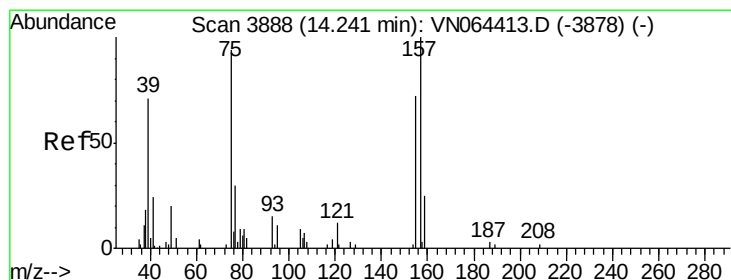
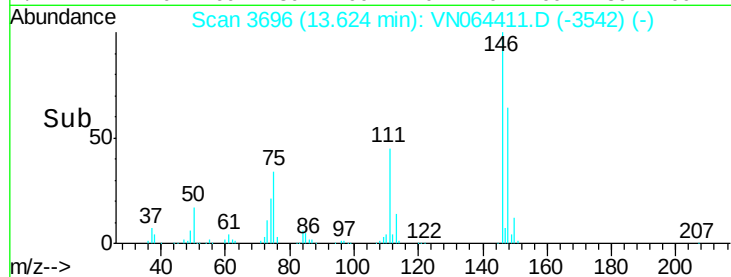
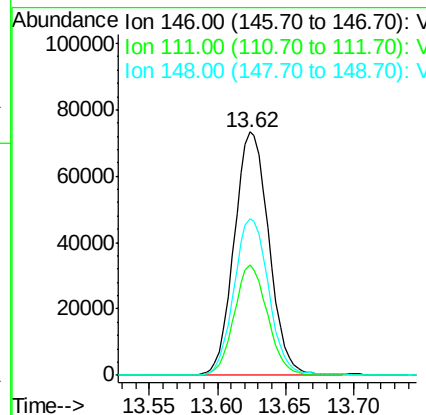
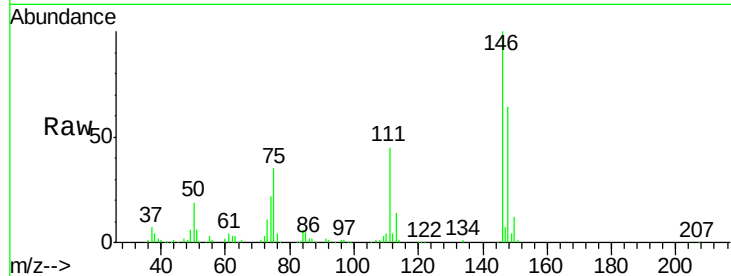
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	130043
Ion Ratio	Lower	Upper	
146	100		
111	43.3	21.3	64.0
148	64.2	31.7	95.1

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#88

1,2-Dibromo-3-Chloropropane

Concen: 15.503 ug/l

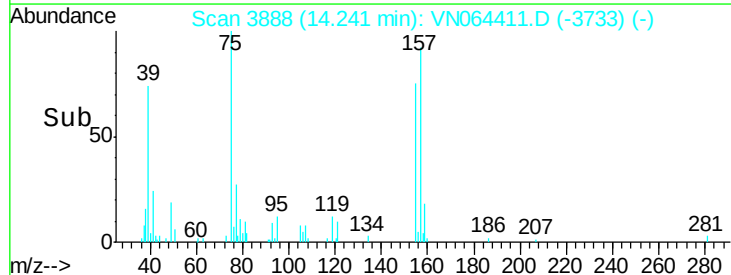
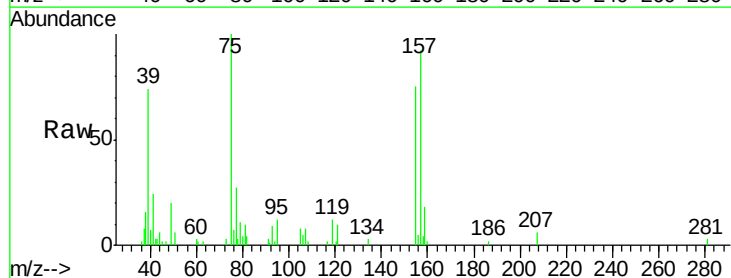
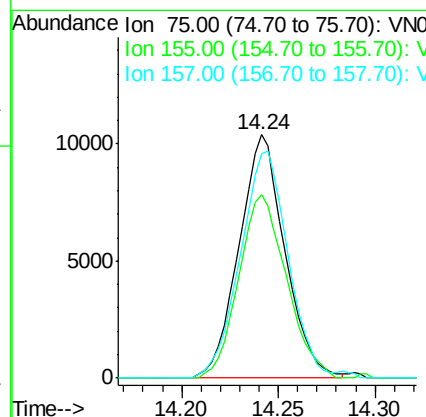
RT: 14.24 min Scan# 3888

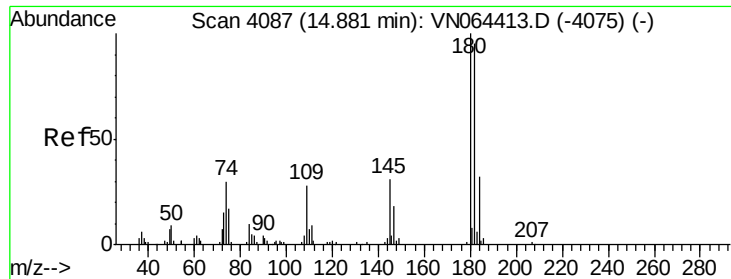
Delta R.T. -0.00 min

Lab File: VN064411.D

Acq: 2 Nov 2020 13:18

Tgt Ion:	75	Resp:	17181
Ion Ratio	Lower	Upper	
75	100		
155	78.0	66.2	99.2
157	96.6	82.7	124.1





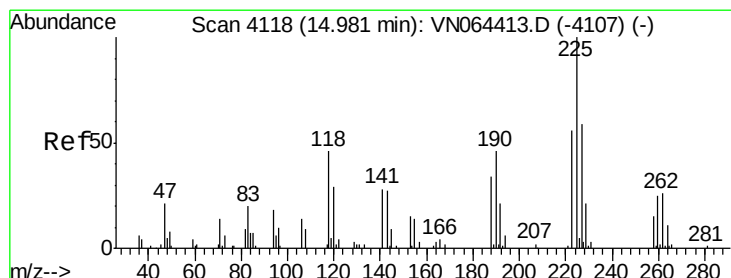
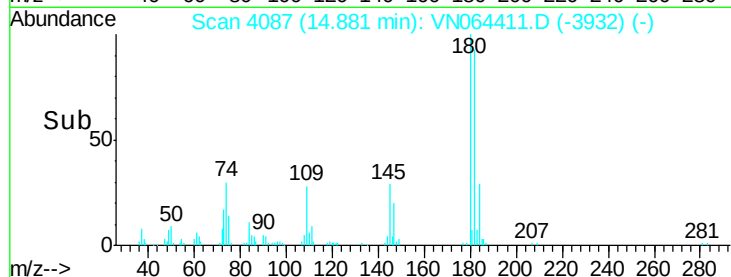
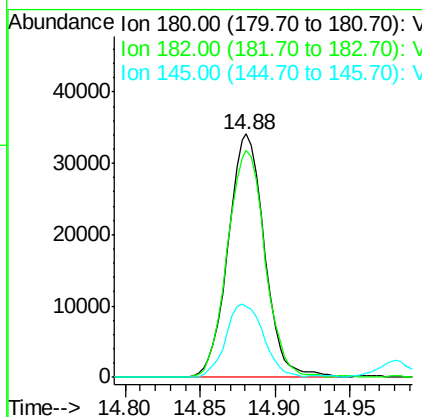
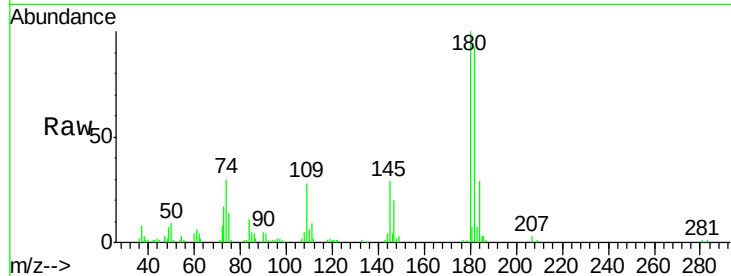
#89
 1,2,4-Trichlorobenzene
 Concen: 15.014 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	72.6	108.8
145	31.3	24.3	36.5

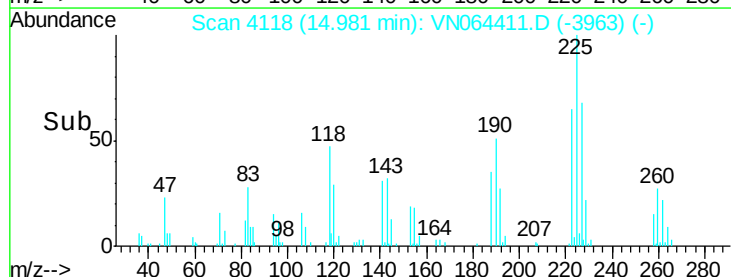
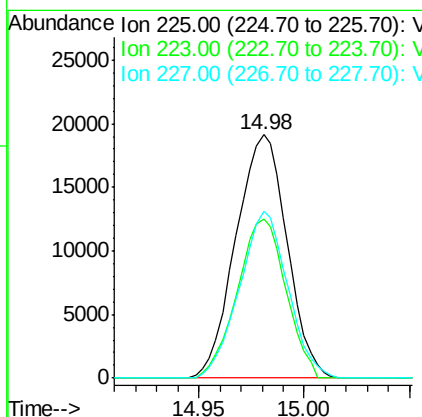
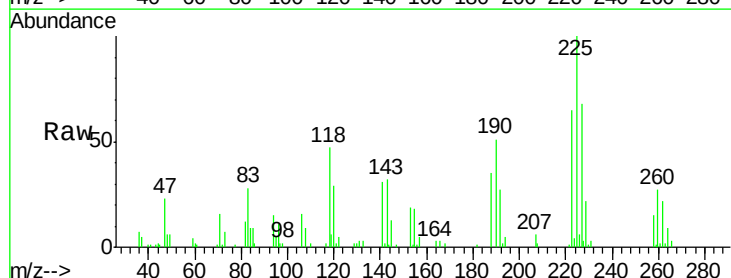
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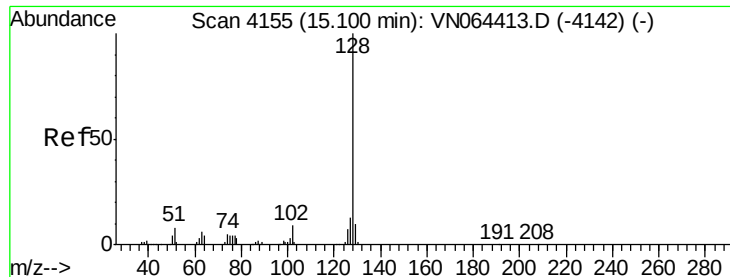
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#90
 Hexachlorobutadiene
 Concen: 15.739 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064411.D
 Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	0.0	125.6
227	64.9	0.0	121.6





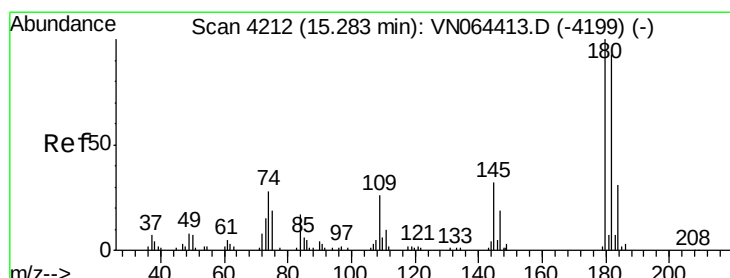
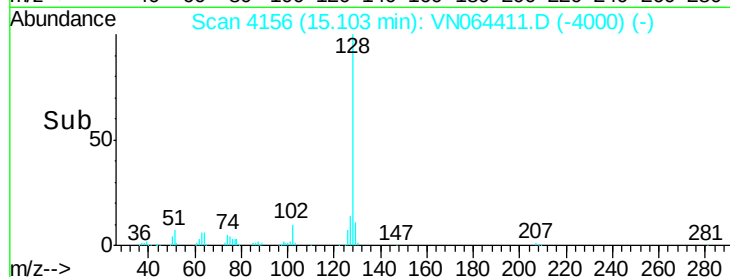
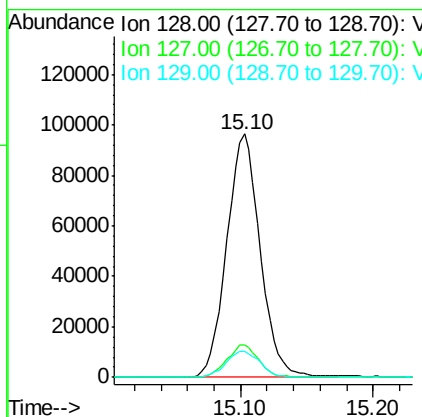
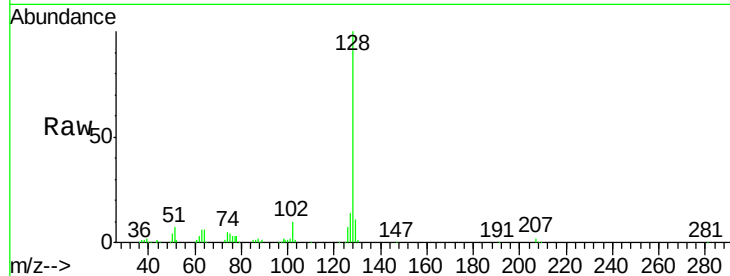
#91
Naphthalene
Concen: 14.763 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	11.0	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 15.860 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN064411.D
Acq: 2 Nov 2020 13:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	0.0	191.4
145	29.4	0.0	64.8

