

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064704.D
 Acq On : 18 Nov 2020 13:25
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:10:05 PM

Quant Time: Nov 18 14:02:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	293293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	509810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	483313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	516077	100.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.80%	
35) Dibromofluoromethane	7.55	113	283396	84.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	168.38%	
50) Toluene-d8	10.06	98	1403033	104.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.70%	
62) 4-Bromofluorobenzene	12.37	95	544330	108.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	372188	99.673	ug/l	97
3) Chloromethane	2.04	50	406917	90.623	ug/l	99
4) Vinyl Chloride	2.17	62	440111	95.169	ug/l	100
5) Bromomethane	2.52	94	316550	105.302	ug/l	94
6) Chloroethane	2.67	64	294257	98.078	ug/l	96
7) Trichlorofluoromethane	2.99	101	752737	107.111	ug/l	99
8) Diethyl Ether	3.37	74	248868	101.585	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	319907	97.016	ug/l	100
10) Methyl Iodide	3.91	142	432954	112.836	ug/l	100
11) Tert butyl alcohol	4.74	59	265781	490.641	ug/l	98
12) 1,1-Dichloroethene	3.69	96	316822	102.108	ug/l	97
13) Acrolein	3.56	56	54556	178.488	ug/l	91
14) Allyl chloride	4.27	41	578994	97.141	ug/l	99
15) Acrylonitrile	4.93	53	807329	529.871	ug/l	99
16) Acetone	3.78	43	644493	358.007	ug/l	100
17) Carbon Disulfide	4.01	76	929463	100.753	ug/l	100
18) Methyl Acetate	4.28	43	381612	100.969	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	1161160	104.531	ug/l	100
20) Methylene Chloride	4.50	84	376695	98.507	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	359183	102.278	ug/l	99
22) Diisopropyl ether	5.91	45	1303688	103.178	ug/l	95
23) Vinyl Acetate	5.85	43	5258870	513.822	ug/l	100
24) 1,1-Dichloroethane	5.80	63	695475	99.210	ug/l	99
25) 2-Butanone	6.78	43	1123842	476.698	ug/l	100
26) 2,2-Dichloropropane	6.78	77	676000	105.392	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	417080	102.931	ug/l	100
28) Bromochloromethane	7.15	49	352212	99.399	ug/l	100
29) Tetrahydrofuran	7.17	42	761068	514.791	ug/l	99
30) Chloroform	7.33	83	769203	103.838	ug/l	97
31) Cyclohexane	7.61	56	569212	94.923	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	701561	106.296	ug/l	99
36) 1,1-Dichloropropene	7.75	75	575520	108.768	ug/l	99
37) Ethyl Acetate	6.88	43	509294	109.422	ug/l	99
38) Carbon Tetrachloride	7.73	117	608727	106.858	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	517932	109.689	ug/l	97
40) Benzene	8.00	78	1616611	104.145	ug/l	99
41) Methacrylonitrile	7.12	41	203885	86.622	ug/l #	82
42) 1,2-Dichloroethane	8.08	62	673219	106.745	ug/l	99
43) Isopropyl Acetate	8.13	43	936110	109.528	ug/l	99
44) Trichloroethene	8.80	130	441474	111.439	ug/l	99
45) 1,2-Dichloropropane	9.08	63	427831	103.574	ug/l	98
46) Dibromomethane	9.17	93	300729	108.850	ug/l	99
47) Bromodichloromethane	9.37	83	640479	108.406	ug/l	99
48) Methyl methacrylate	9.16	41	468083	108.791	ug/l	98
49) 1,4-Dioxane	9.17	88	113080	2024.095	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2726846	550.173	ug/l	99
52) Toluene	10.12	92	1043823	110.106	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	732614	117.536	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	743580	112.158	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	405897	109.221	ug/l	98
56) Ethyl methacrylate	10.40	69	625787	116.809	ug/l	99
57) 1,3-Dichloropropane	10.68	76	702924	108.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1693350	627.106	ug/l	100
59) 2-Hexanone	10.72	43	2008639	560.797	ug/l	99
60) Dibromochloromethane	10.87	129	483210	116.186	ug/l	100
61) 1,2-Dibromoethane	10.98	107	429014	113.653	ug/l	98
64) Tetrachloroethene	10.60	164	446258	117.991	ug/l	98
65) Chlorobenzene	11.40	112	1100437	105.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	430023	110.563	ug/l	98
67) Ethyl Benzene	11.48	91	2059170	111.399	ug/l	100
68) m/p-Xylenes	11.59	106	1527891	227.233	ug/l	97
69) o-Xylene	11.92	106	726025	111.887	ug/l	100
70) Styrene	11.94	104	1279958	117.016	ug/l	99
71) Bromoform	12.10	173	310461	118.484	ug/l #	100
73) Isopropylbenzene	12.22	105	1925302	103.144	ug/l	99
74) N-amyl acetate	12.04	43	924635	113.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	503828	88.637	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	526782m	92.475	ug/l	
77) Bromobenzene	12.50	156	464623	101.228	ug/l	99
78) n-propylbenzene	12.56	91	2272260	106.557	ug/l	100
79) 2-Chlorotoluene	12.65	91	1398554	102.964	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1648959	106.636	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	217277	107.107	ug/l	95
82) 4-Chlorotoluene	12.75	91	1501750	105.652	ug/l	99
83) tert-Butylbenzene	12.97	119	1279637	105.750	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1702759	109.754	ug/l	99
85) sec-Butylbenzene	13.14	105	1688195	110.100	ug/l	100
86) p-Isopropyltoluene	13.26	119	1596323	115.401	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	845100	106.202	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	854859	103.898	ug/l	99
89) n-Butylbenzene	13.59	91	1438124	120.131	ug/l	99
90) Hexachloroethane	13.85	117	257515	98.640	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	827028	108.361	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	136422	117.605	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	441959	138.165	ug/l	99
94) Hexachlorobutadiene	14.98	225	175592	111.218	ug/l	98
95) Naphthalene	15.10	128	1540037	146.068	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	421802	132.130	ug/l	99

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

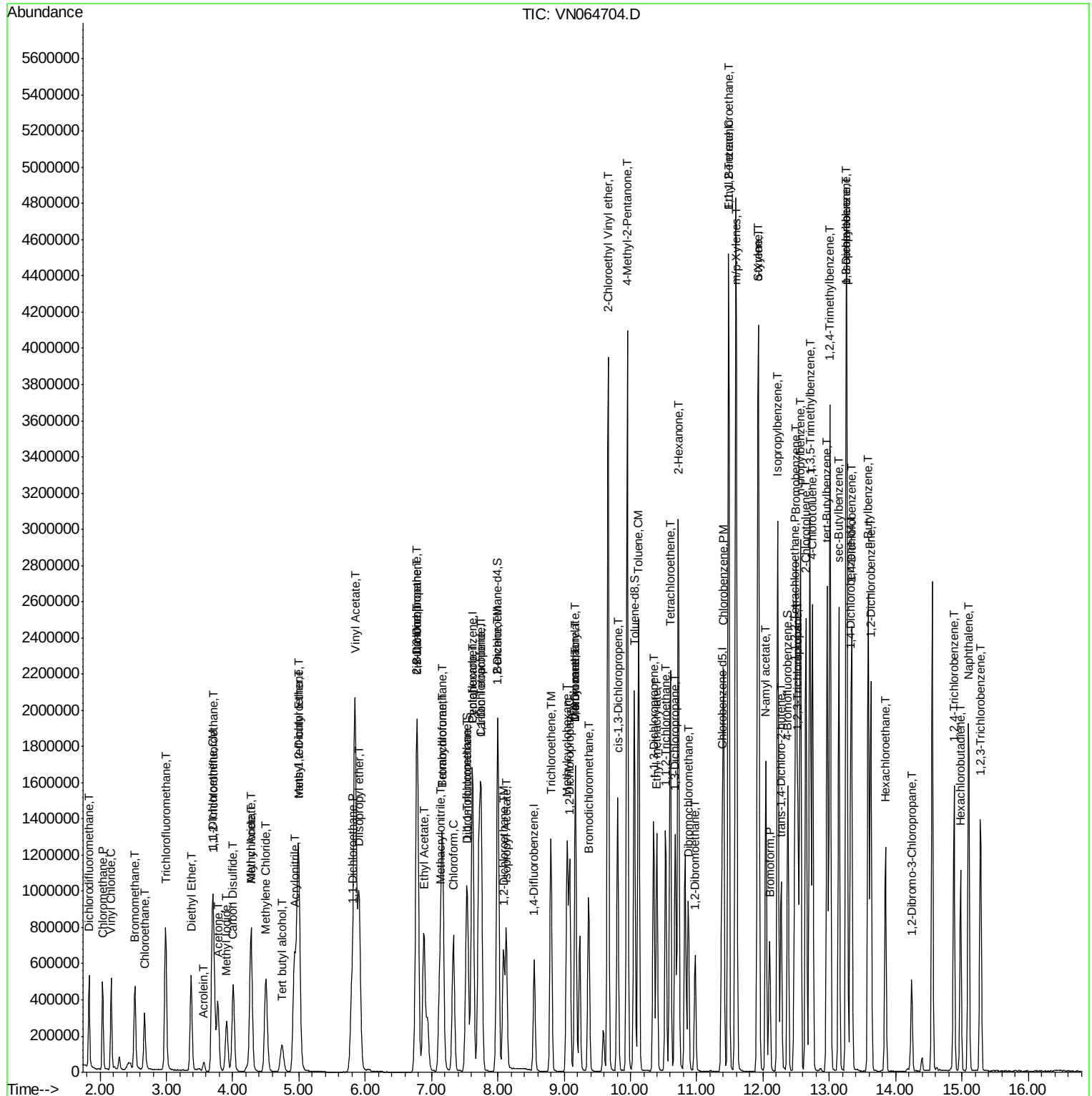
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Data File : VN064704.D
Acq On : 18 Nov 2020 13:25
Operator : JC/MD
Sample : VSTDIC100
Misc : 5.00mL/MSVOA N/WATER
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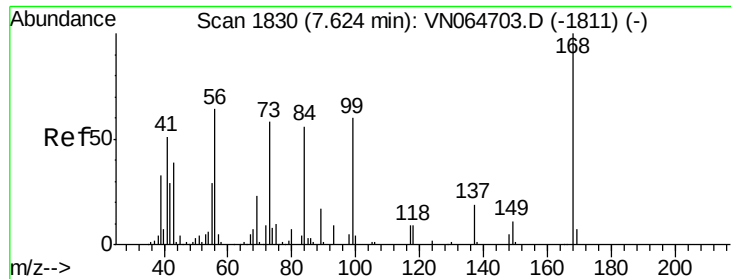
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 293293

Ion Ratio Lower Upper

168 100

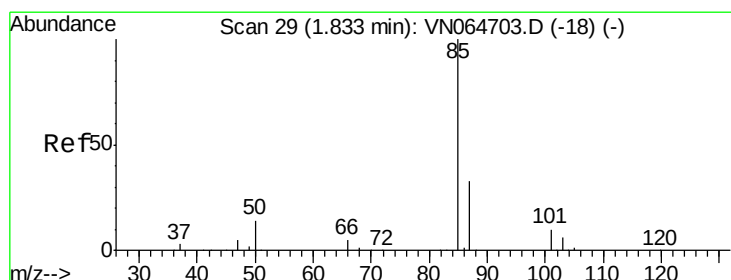
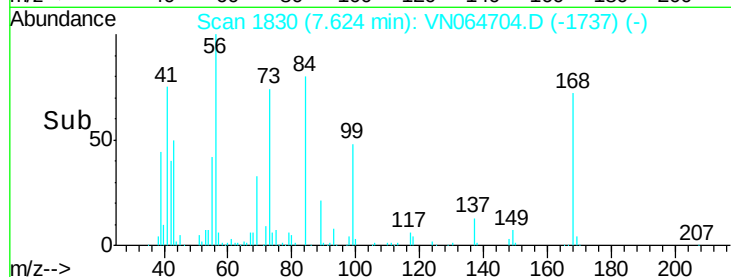
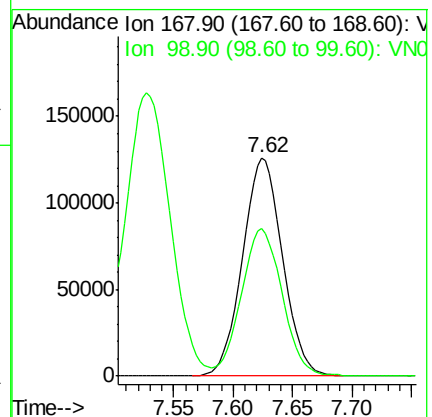
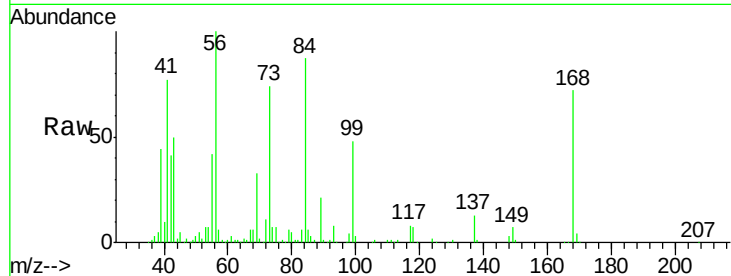
99 67.1 55.7 83.5

Manual Integrations

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11/19/2020 2:10:05 PM



#2

Dichlorodifluoromethane

Concen: 99.673 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064704.D

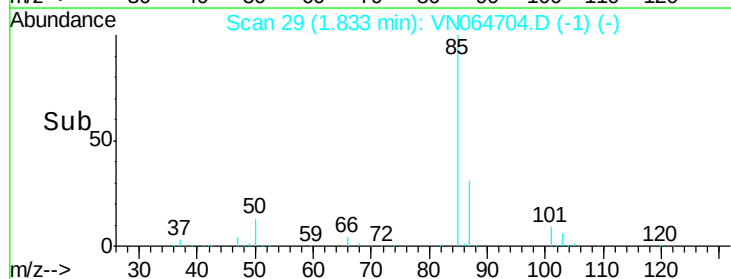
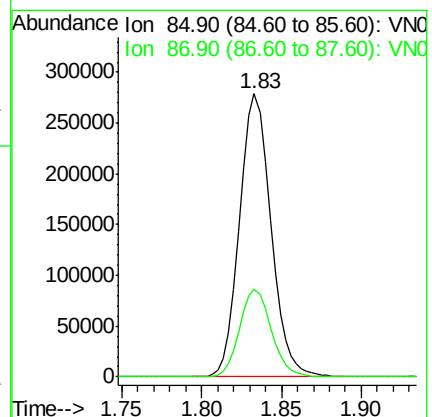
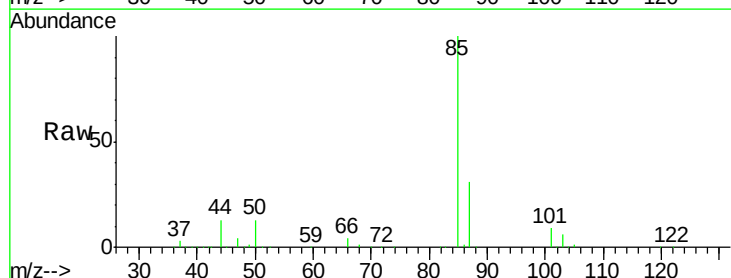
Acq: 18 Nov 2020 13:25

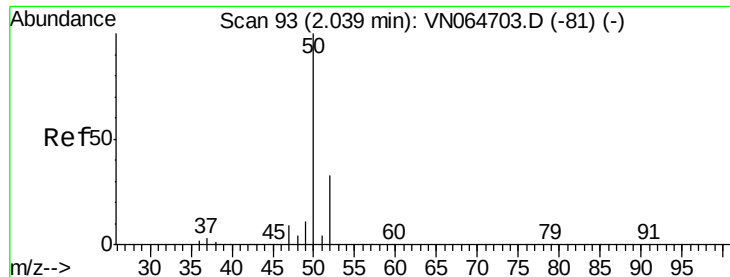
Tgt Ion: 85 Resp: 372188

Ion Ratio Lower Upper

85 100

87 31.1 16.4 49.2





#3

Chloromethane

Concen: 90.623 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 406917

Ion Ratio Lower Upper

50 100

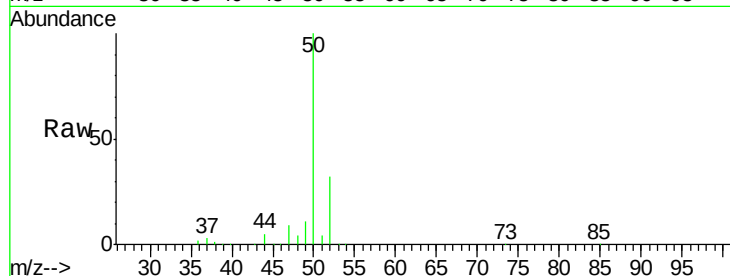
52 32.4 26.4 39.6

Manual Integrations

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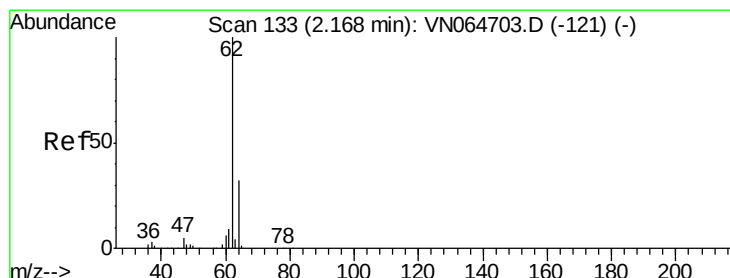
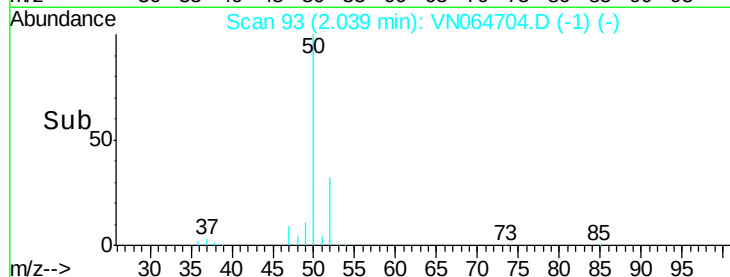
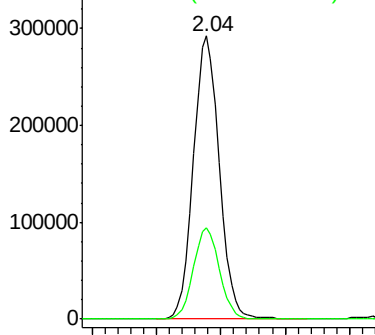
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 95.169 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064704.D

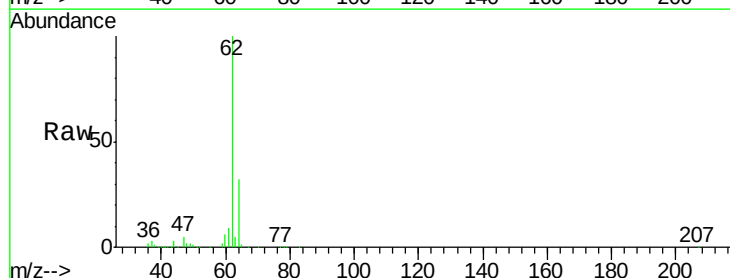
Acq: 18 Nov 2020 13:25

Tgt Ion: 62 Resp: 440111

Ion Ratio Lower Upper

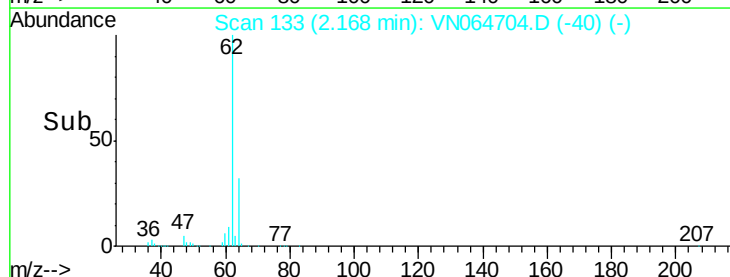
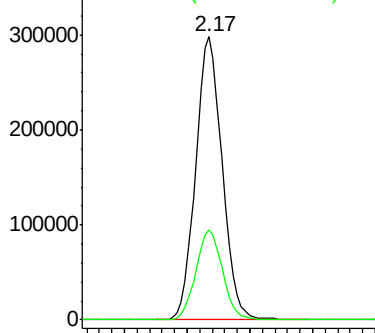
62 100

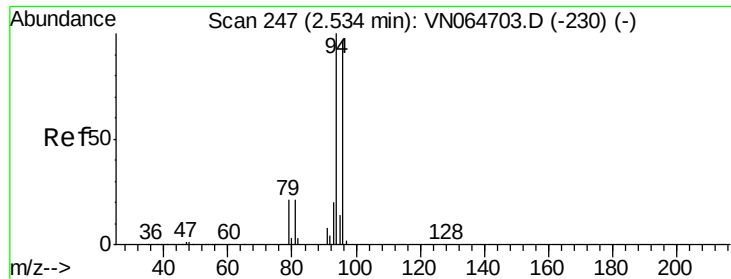
64 31.7 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 105.302 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

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Tot Ion: 94 Resp: 316550

Ion Ratio Lower Upper

94 100

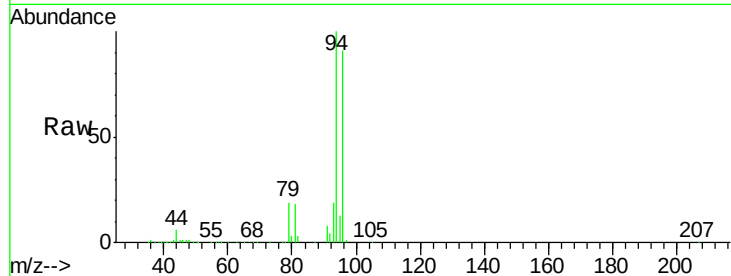
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Manual Integrations

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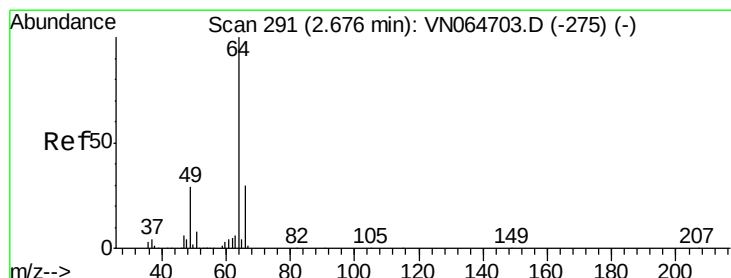
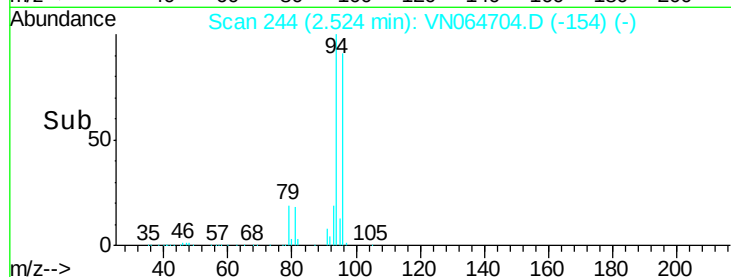
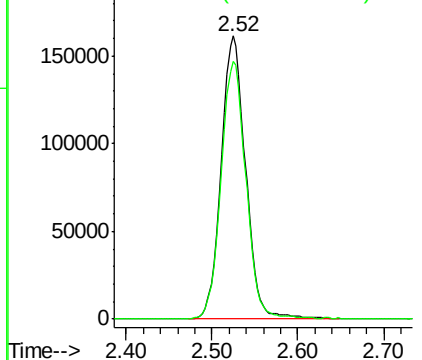
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 98.078 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064704.D

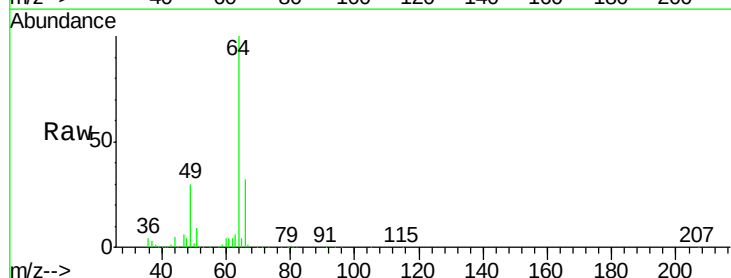
Acq: 18 Nov 2020 13:25

Tgt Ion: 64 Resp: 294257

Ion Ratio Lower Upper

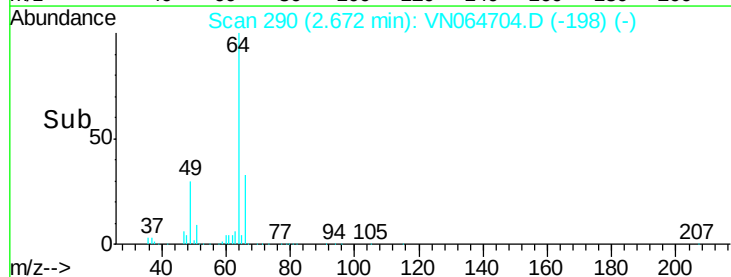
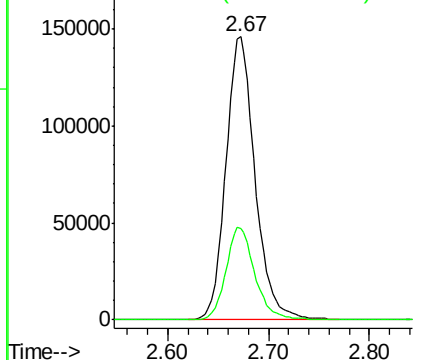
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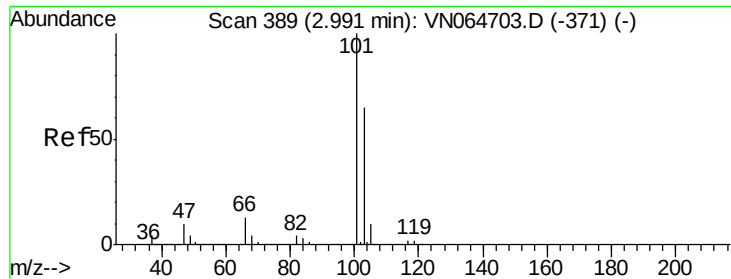
66 32.4 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

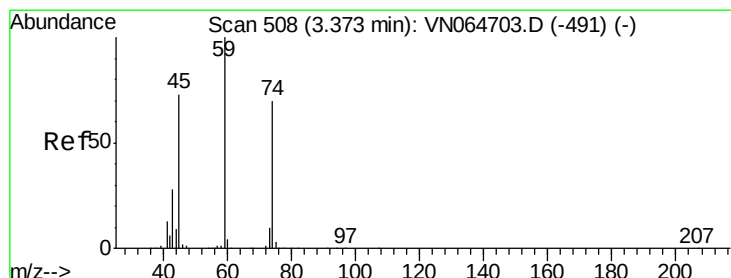
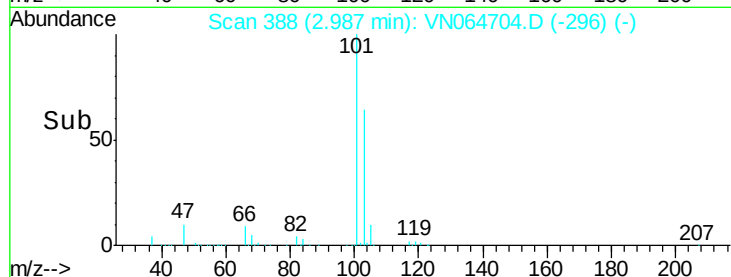
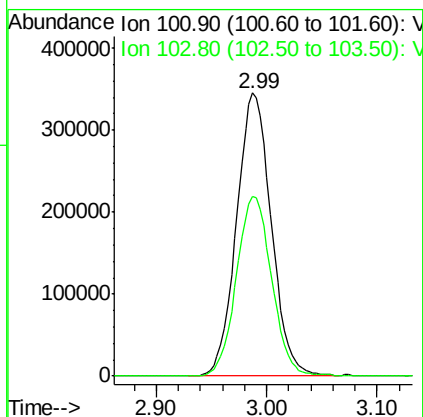
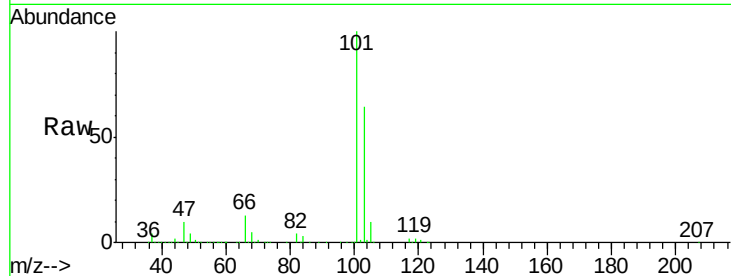
Trichlorofluoromethane
Concen: 107.111 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

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ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.8	77.6

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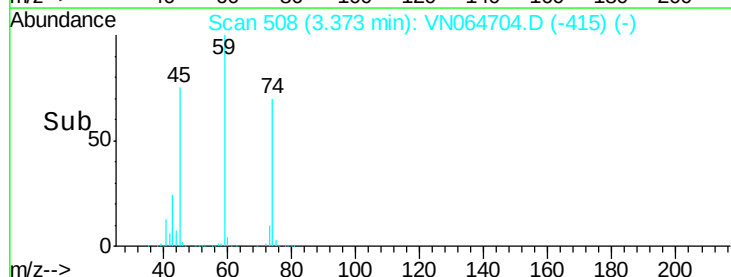
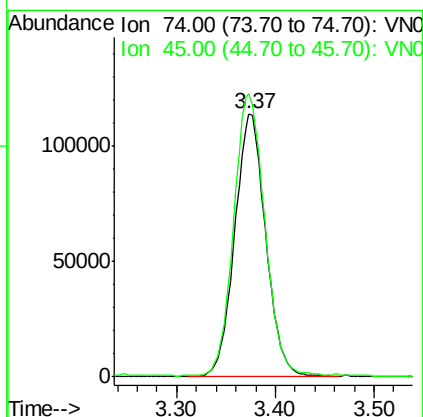
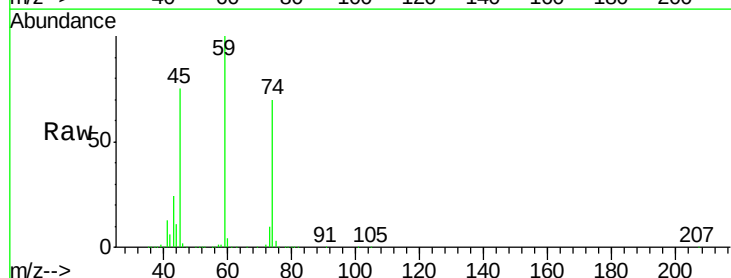
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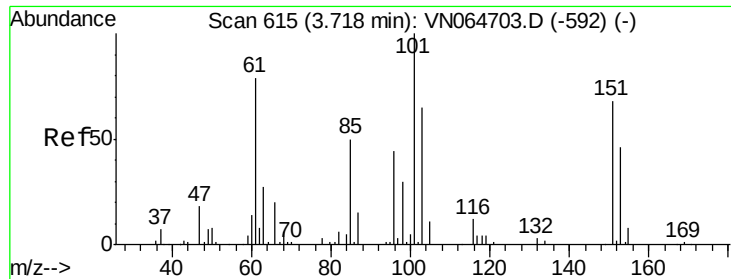


#8

Diethyl Ether
Concen: 101.585 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064704.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.5	52.8	158.5





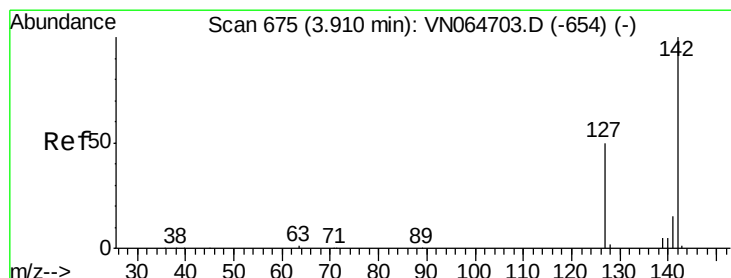
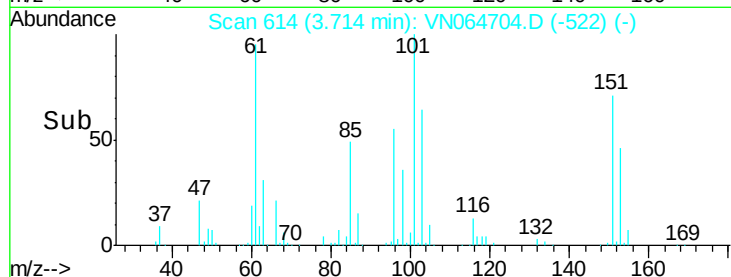
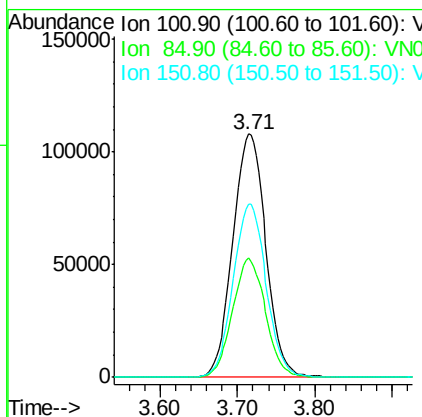
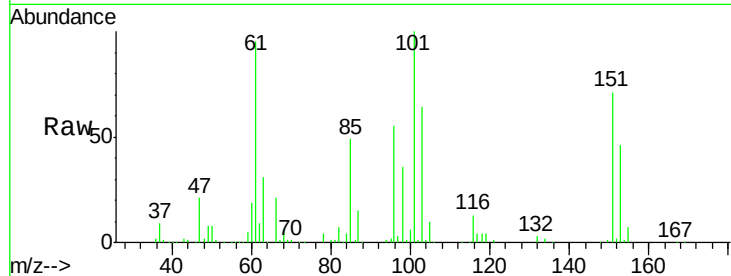
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.016 ug/l
RT: 3.71 min Scan# 614
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	319907		
85	48.8	39.0	58.4	
151	71.3	57.2	85.8	

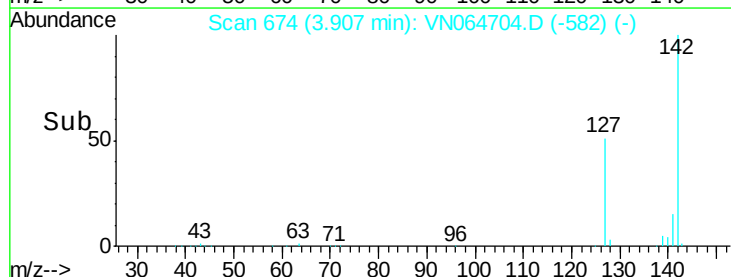
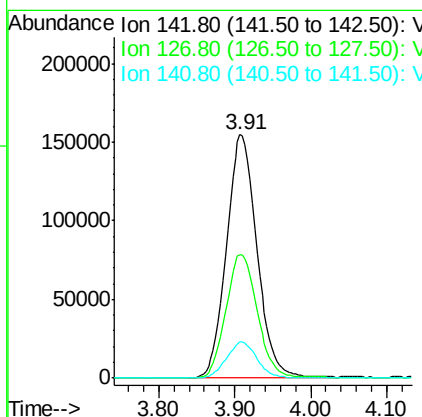
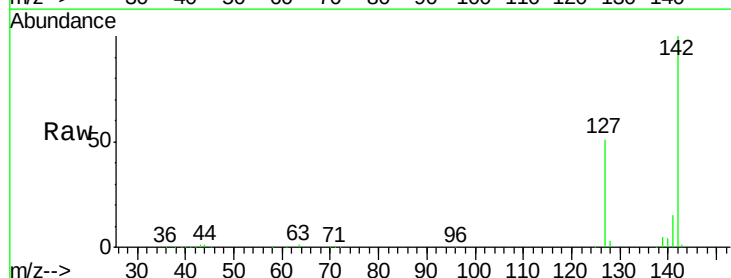
Manual Integrations
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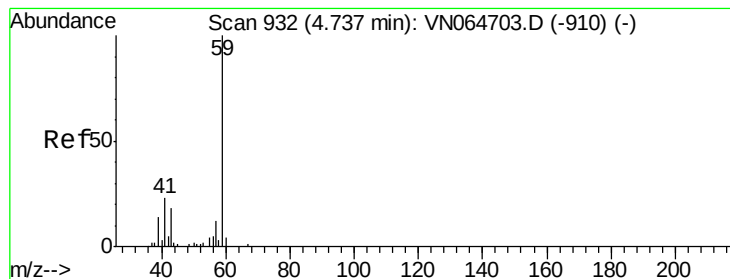
MMDadoda
11/19/2020 2:10:05 PM



#10
Methyl Iodide
Concen: 112.836 ug/l
RT: 3.91 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	432954		
127	52.2	42.0	63.0	
141	14.9	12.1	18.1	





#11

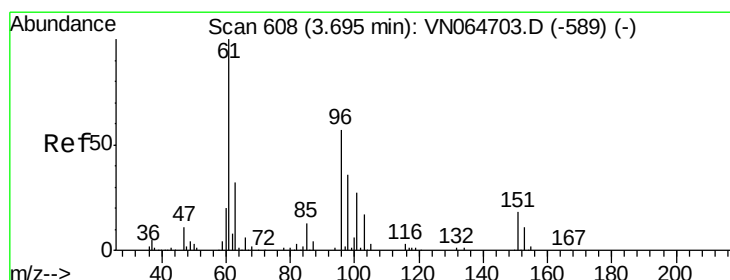
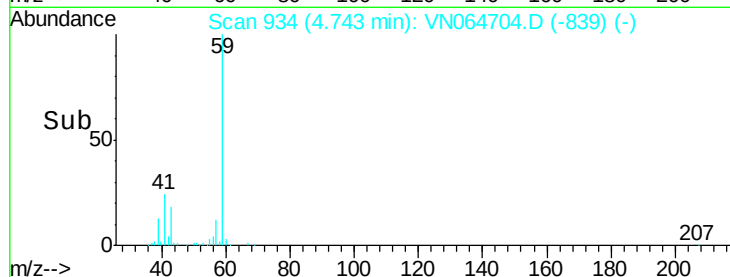
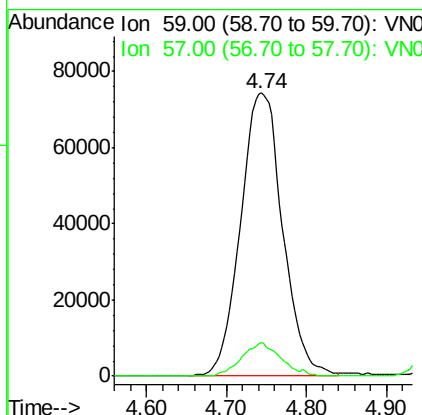
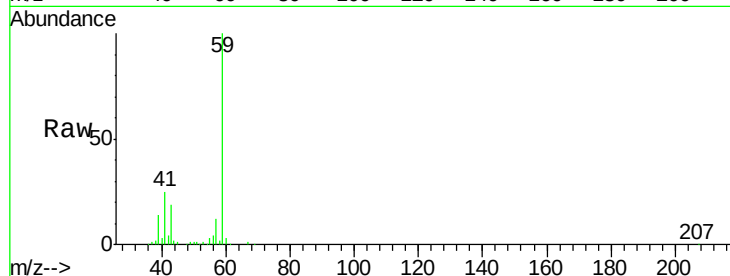
Tert butyl alcohol
Concen: 490.641 ug/l
RT: 4.74 min Scan# 934
Delta R.T. 0.01 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	9.1	13.7

Manual Integrations
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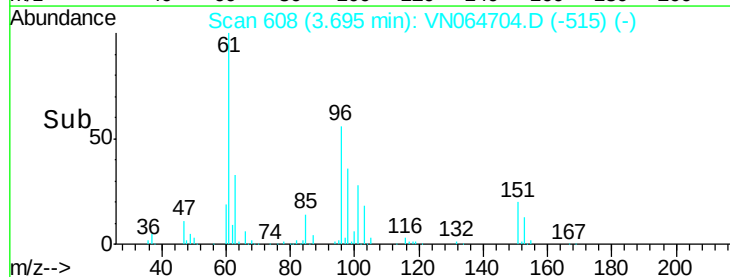
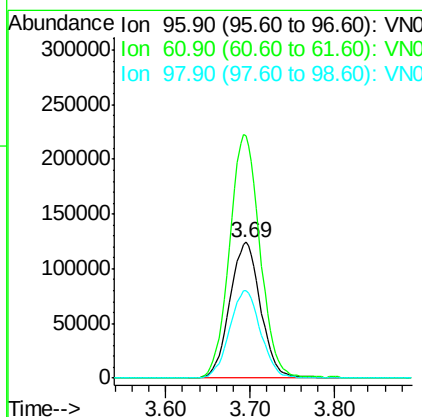
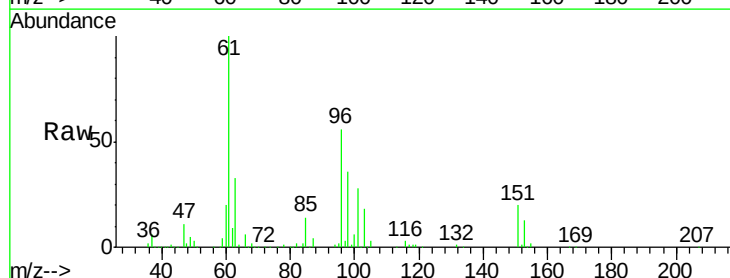
MMDadoda
11/19/2020 2:10:05 PM

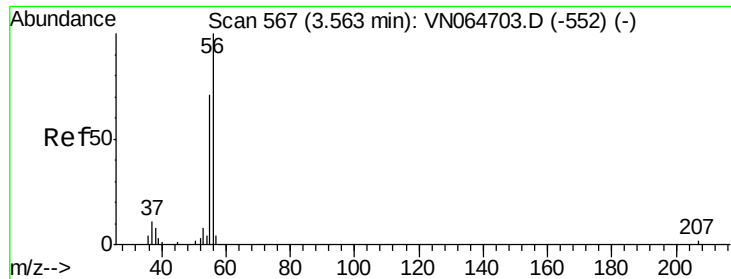


#12

1,1-Dichloroethene
Concen: 102.108 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.3	139.1	208.7
98	64.7	50.2	75.2





#13

Acrolein

Concen: 178.488 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 54556

Ion Ratio Lower Upper

56 100

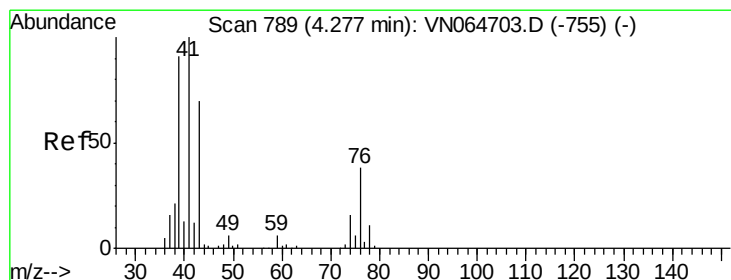
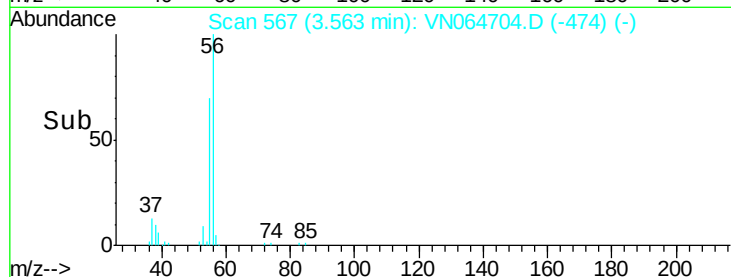
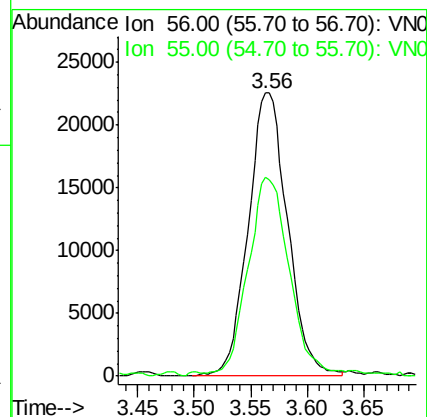
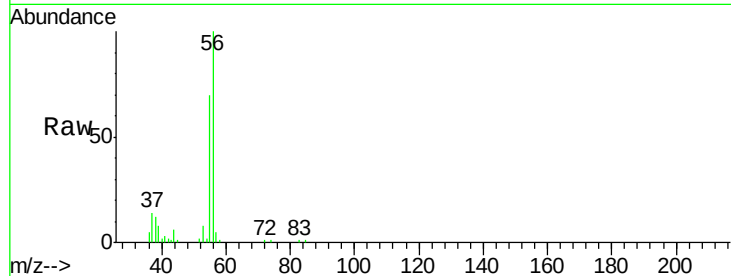
55 69.8 61.8 92.6

Manual Integrations

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#14

Allyl chloride

Concen: 97.141 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

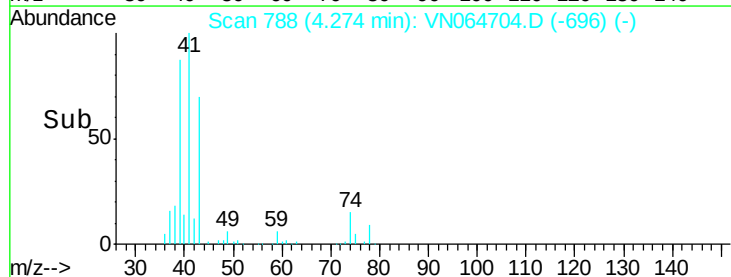
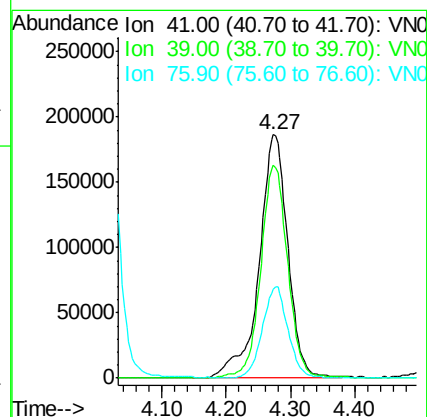
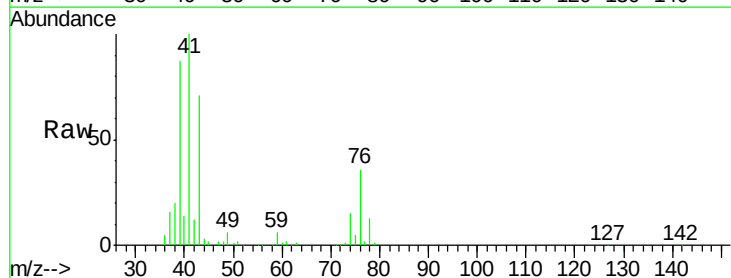
Tgt Ion: 41 Resp: 578994

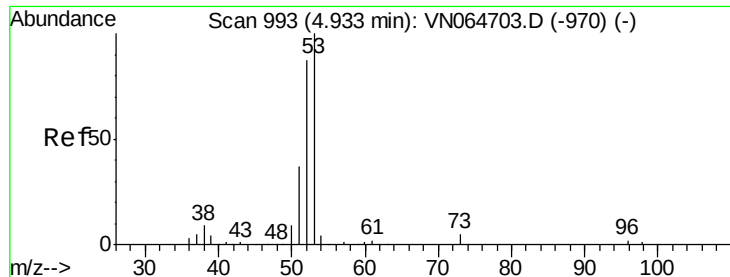
Ion Ratio Lower Upper

41 100

39 81.8 66.1 99.1

76 32.4 26.6 40.0





#15

Acrylonitrile

Concen: 529.871 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

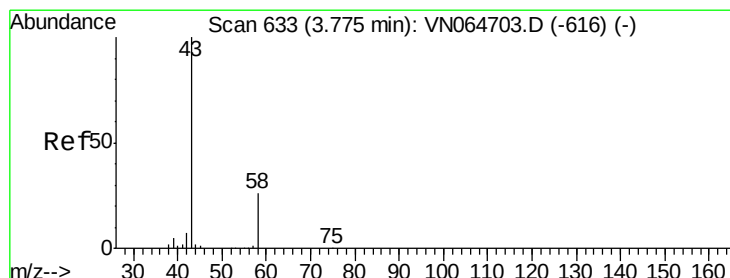
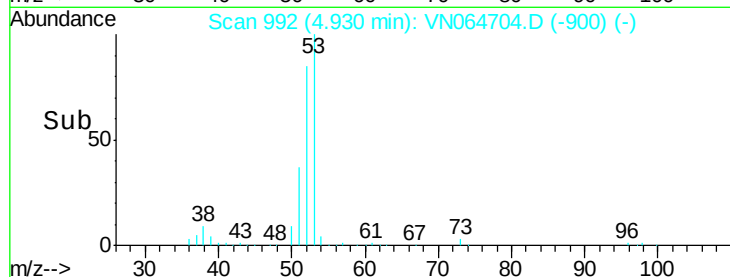
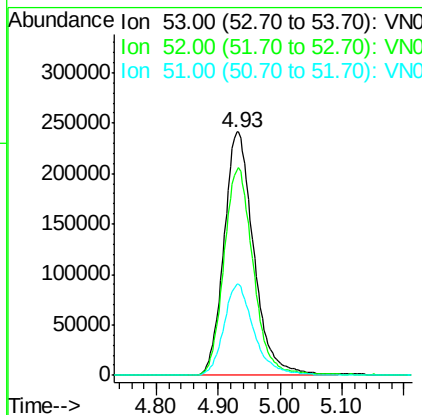
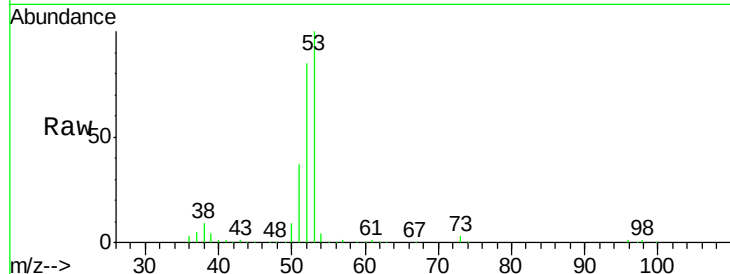
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	807329
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.2	100.8
51	37.9	31.0	46.6

Manual Integrations
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#16

Acetone

Concen: 358.007 ug/l

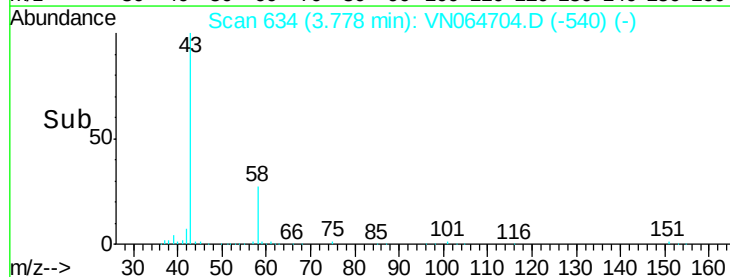
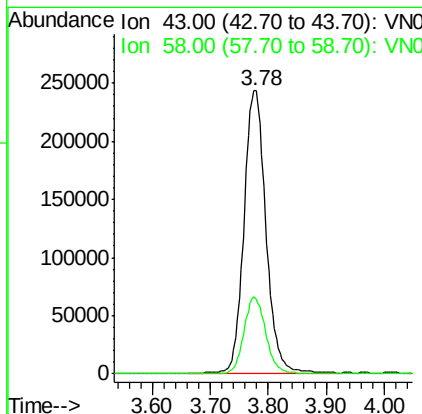
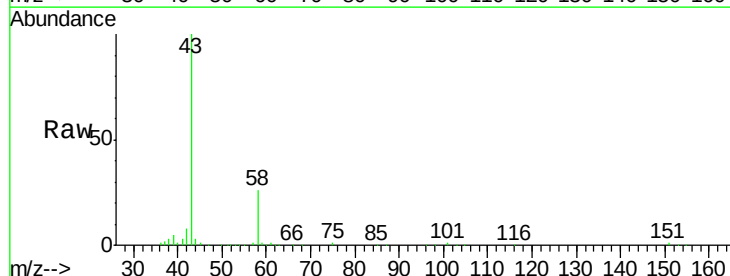
RT: 3.78 min Scan# 634

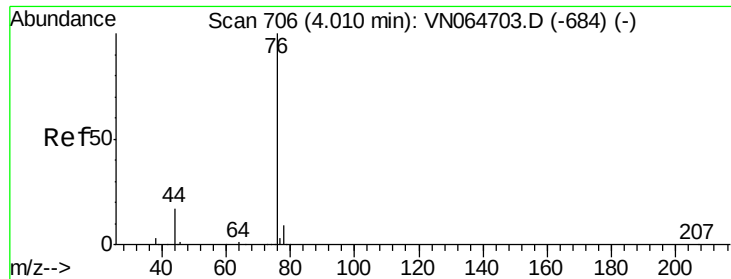
Delta R.T. 0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion:	43	Resp:	644493
Ion	Ratio	Lower	Upper
43	100		
58	26.4	21.2	31.8





#17

Carbon Disulfide

Concen: 100.753 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 929463

Ion Ratio Lower Upper

76 100

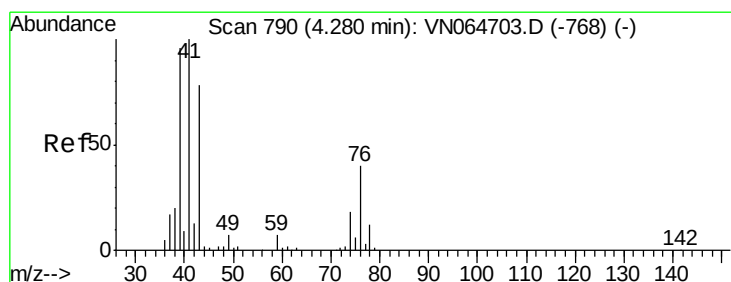
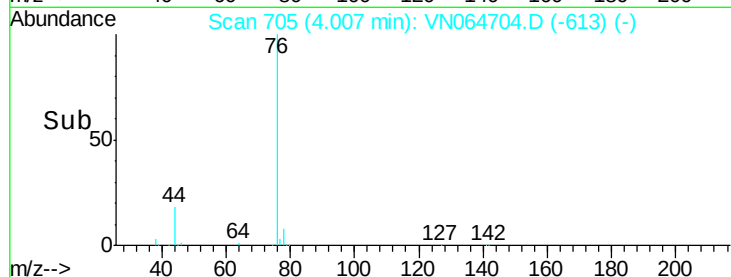
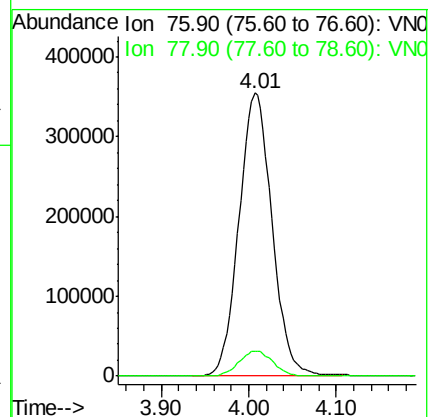
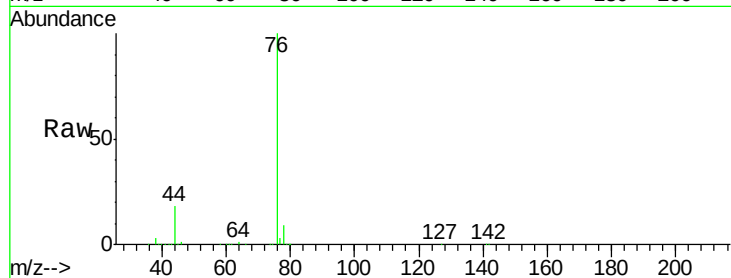
78 8.9 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 100.969 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064704.D

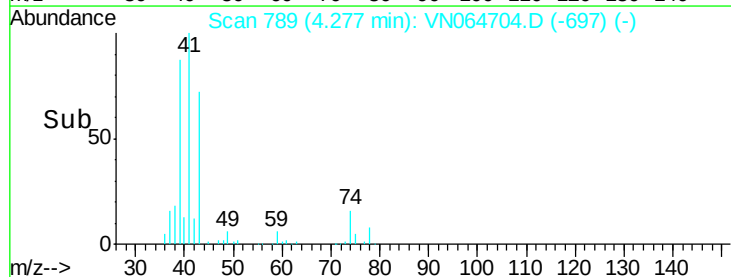
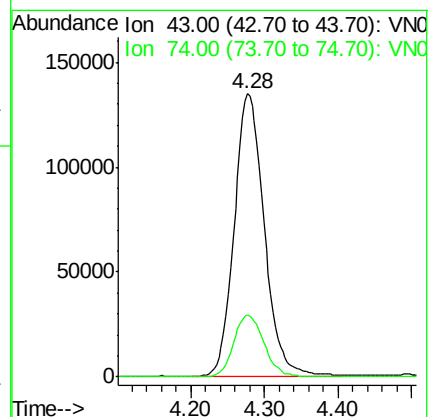
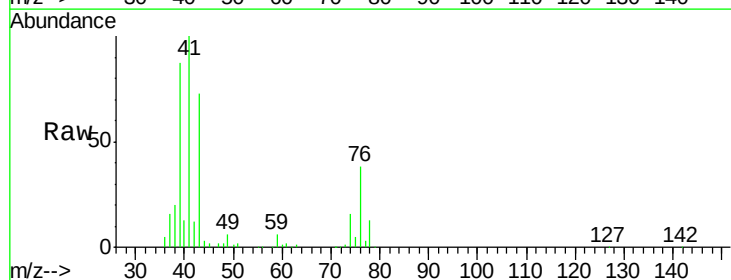
Acq: 18 Nov 2020 13:25

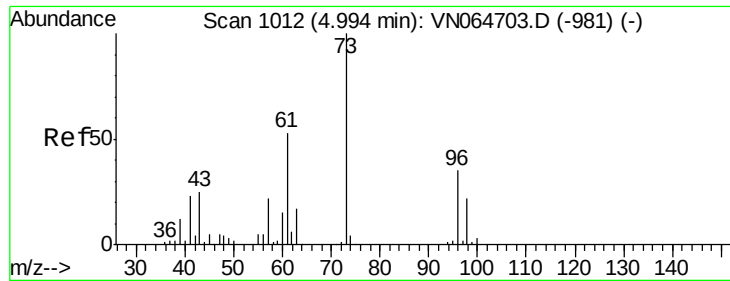
Tgt Ion: 43 Resp: 381612

Ion Ratio Lower Upper

43 100

74 22.1 17.6 26.4





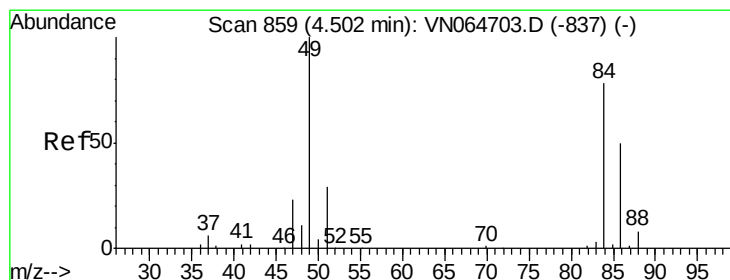
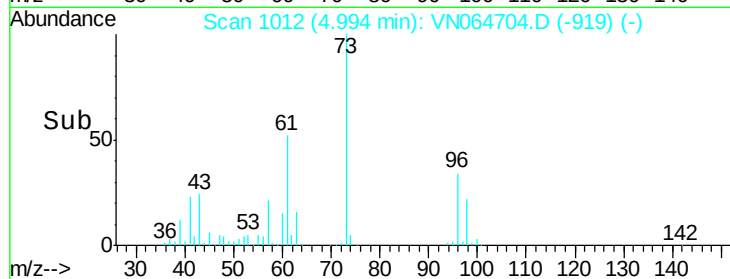
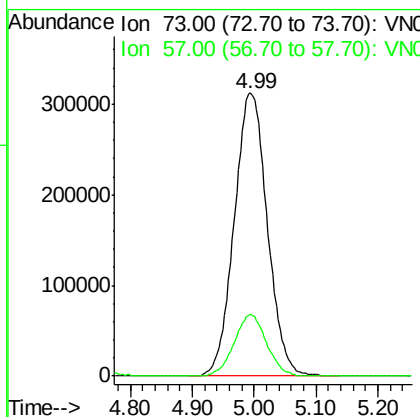
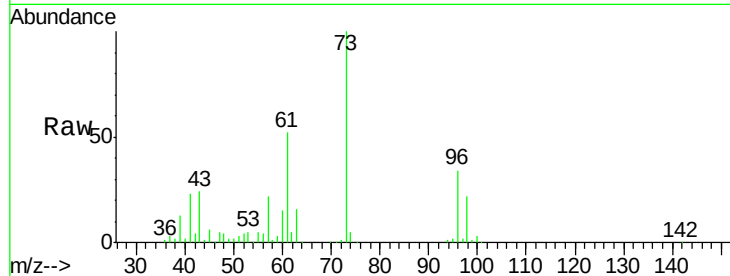
#19
Methvl tert-butyl Ether
Concen: 104.531 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 1161160
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

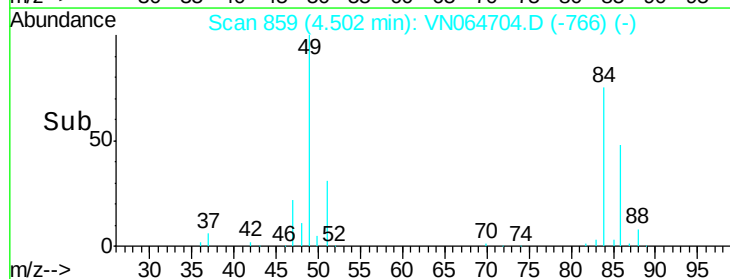
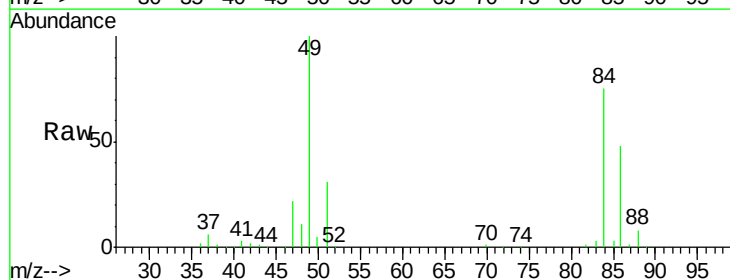
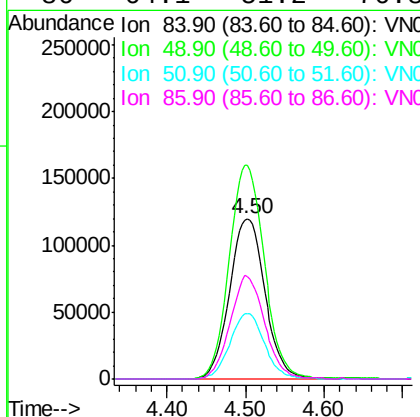
Manual Integrations
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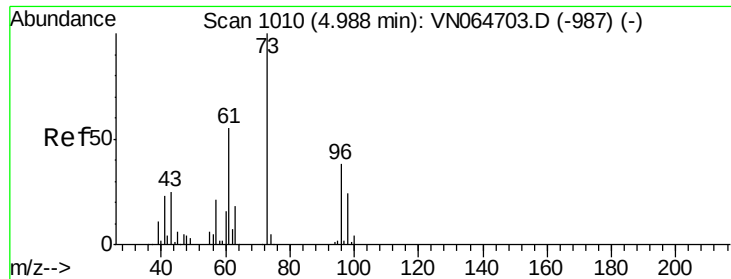
MMDadoda
11/19/2020 2:10:05 PM



#20
Methylene Chloride
Concen: 98.507 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 84 Resp: 376695
Ion Ratio Lower Upper
84 100
49 132.9 102.4 153.6
51 40.8 29.4 44.2
86 64.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 102.278 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

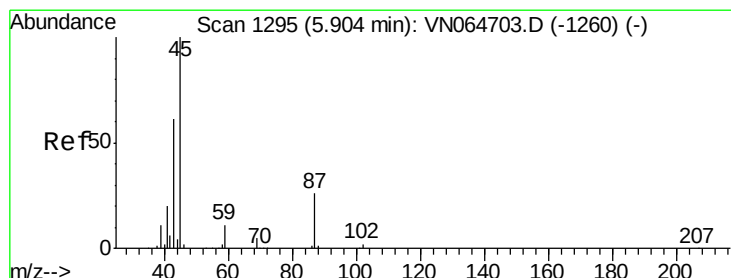
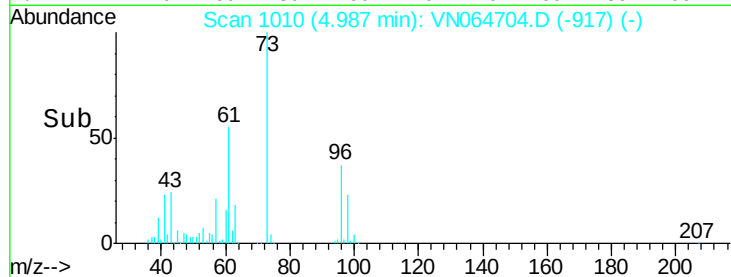
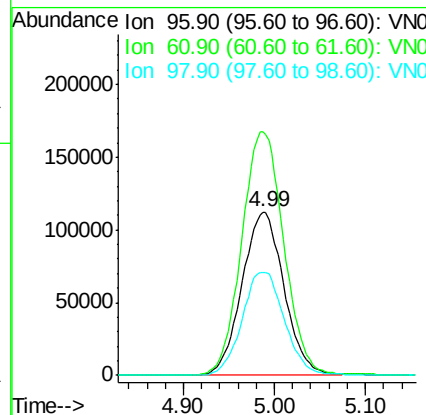
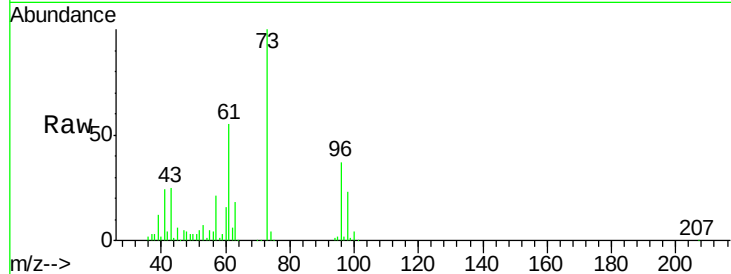
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	359183
Ion	Ratio	Lower	Upper
96	100		
61	148.8	117.9	176.9
98	62.6	51.1	76.7

Manual Integrations
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11/19/2020 2:10:05 PM



#22

Diisopropyl ether

Concen: 103.178 ug/l

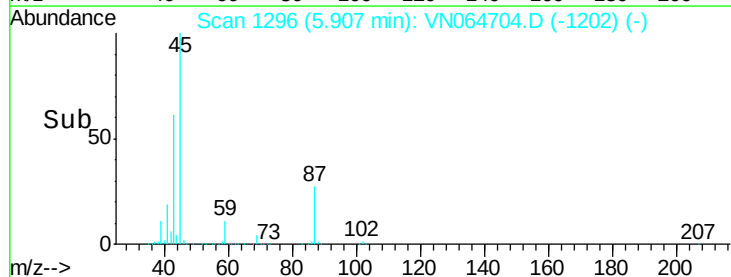
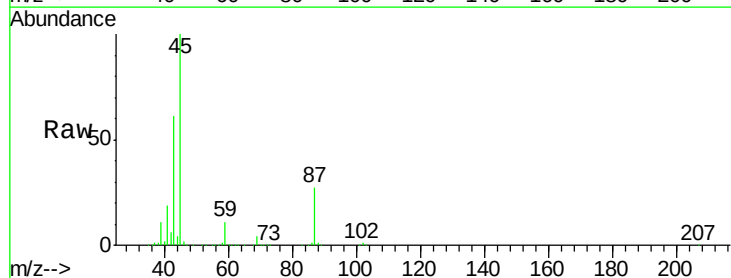
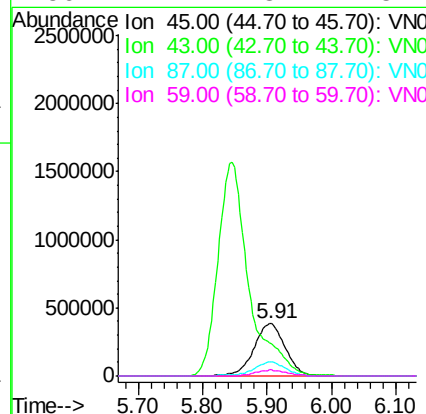
RT: 5.91 min Scan# 1296

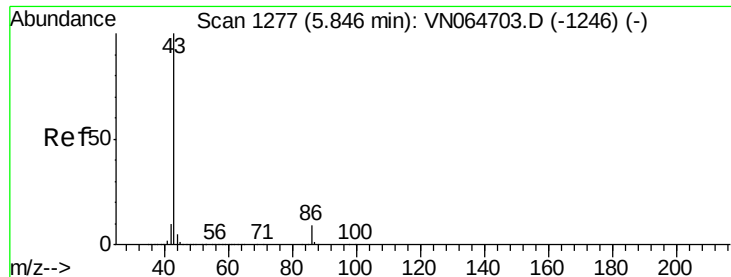
Delta R.T. 0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion:	45	Resp:	1303688
Ion	Ratio	Lower	Upper
45	100		
43	60.0	52.3	78.5
87	26.7	21.6	32.4
59	11.1	8.7	13.1





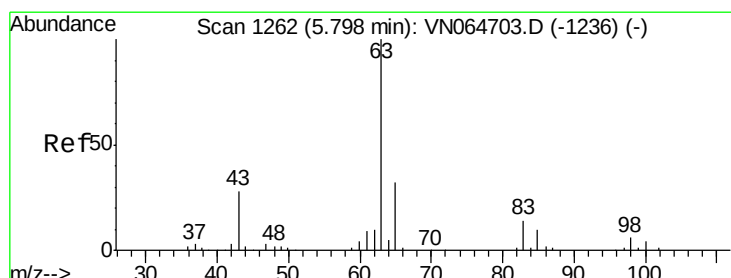
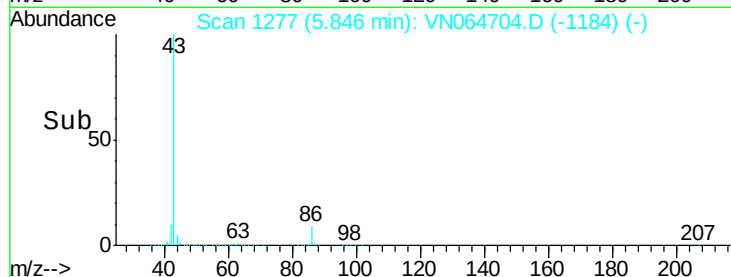
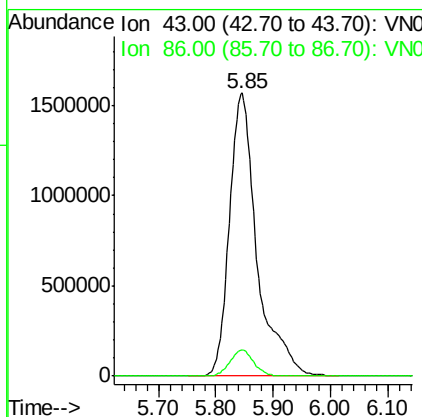
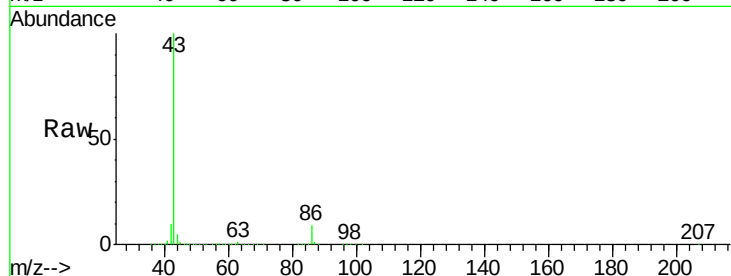
#23
 Vinyl Acetate
 Concen: 513.822 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 5258870
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.4 11.0

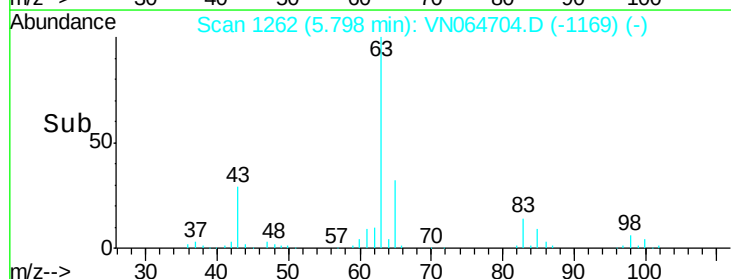
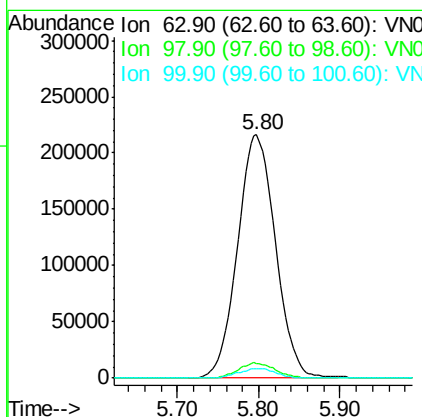
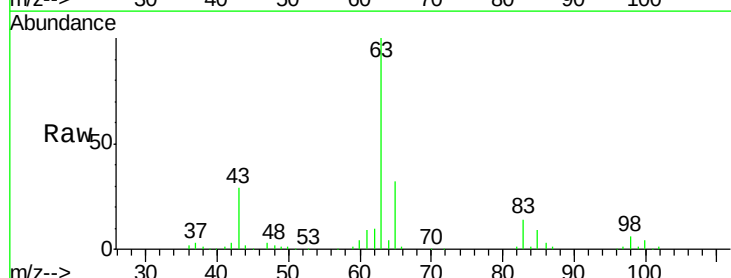
Manual Integrations
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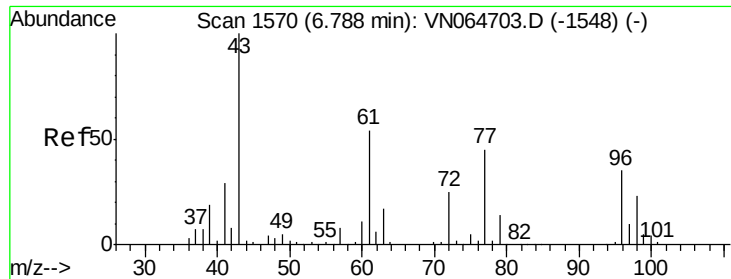
MMDadoda
 11/19/2020 2:10:05 PM



#24
 1,1-Dichloroethane
 Concen: 99.210 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion: 63 Resp: 695475
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.2 9.6
 100 4.0 1.9 5.7





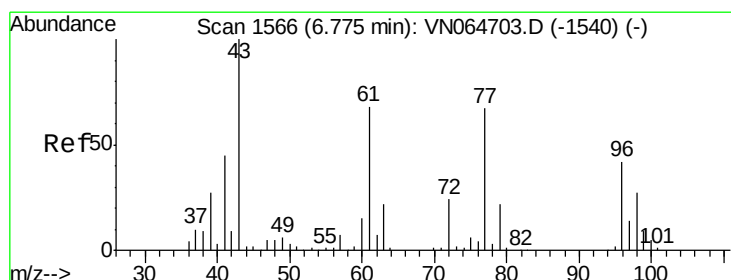
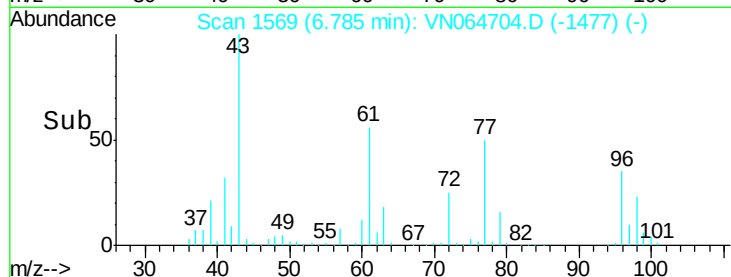
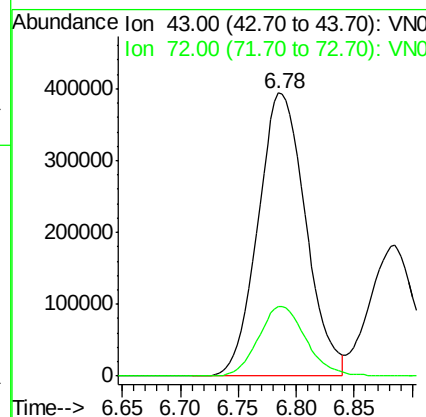
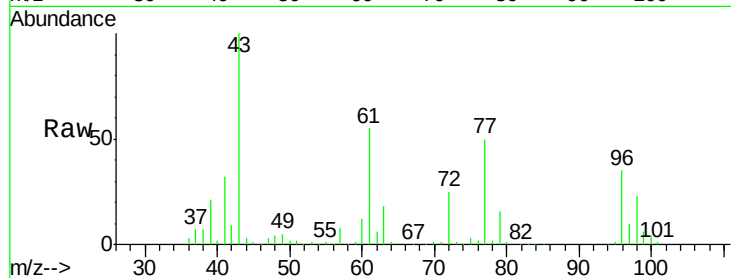
#25
2-Butanone
Concen: 476.698 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1123842
Ion Ratio Lower Upper
43 100
72 24.6 19.7 29.5

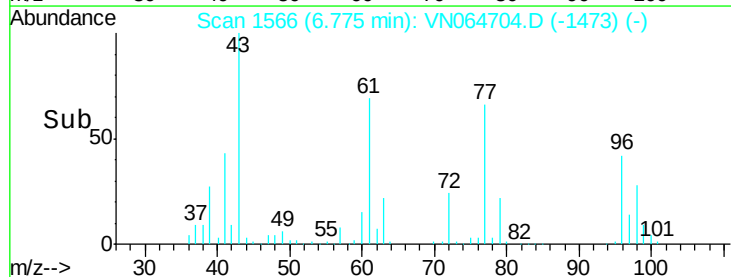
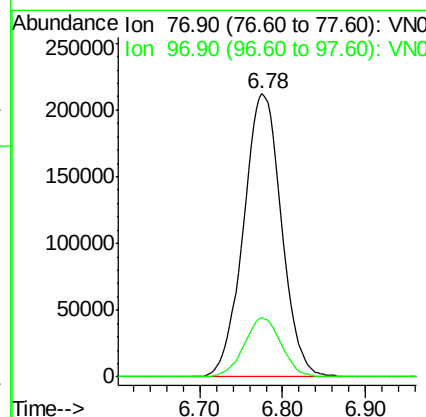
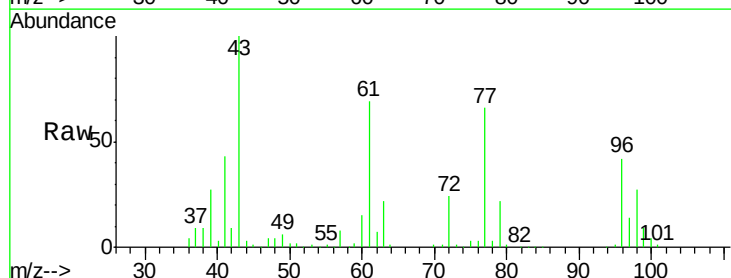
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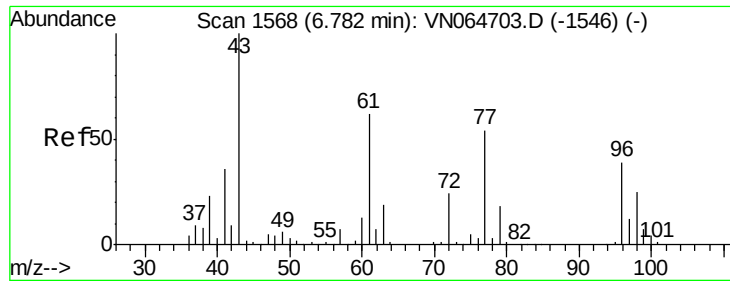
MMDadoda
11/19/2020 2:10:05 PM



#26
2,2-Dichloropropane
Concen: 105.392 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 77 Resp: 676000
Ion Ratio Lower Upper
77 100
97 20.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 102.931 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

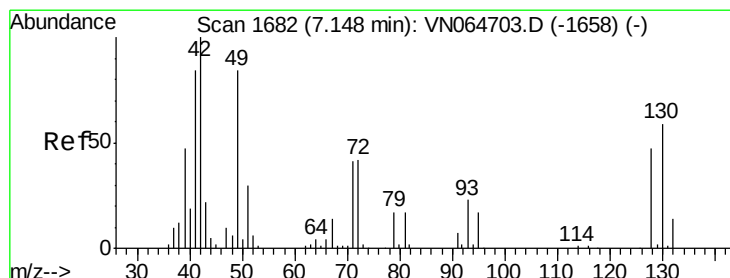
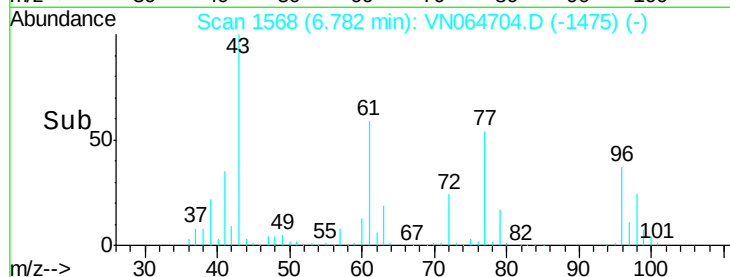
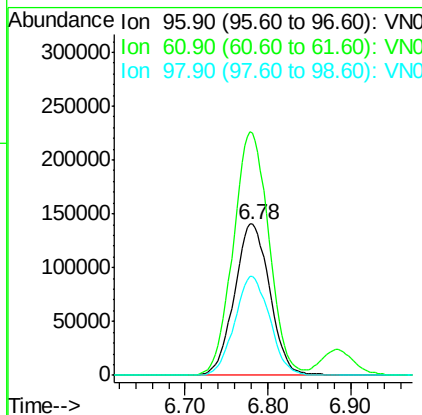
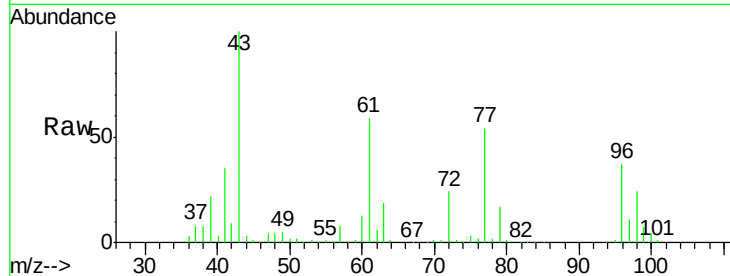
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	417080
Ion	Ratio	Lower	Upper
96	100		
61	161.8	0.0	322.6
98	64.8	0.0	128.6

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#28

Bromochloromethane

Concen: 99.399 ug/l

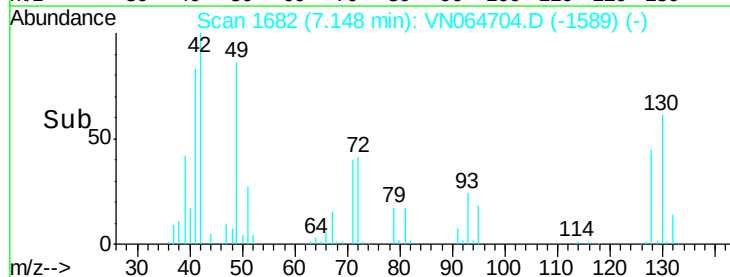
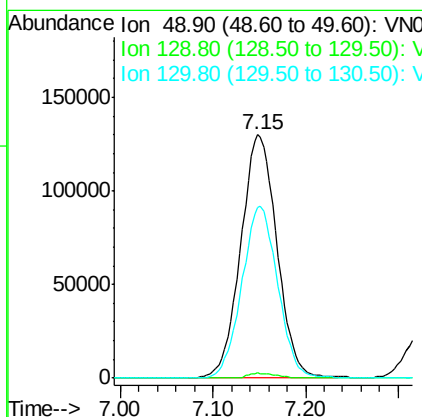
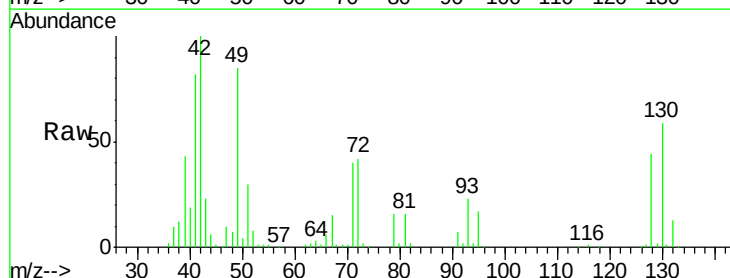
RT: 7.15 min Scan# 1682

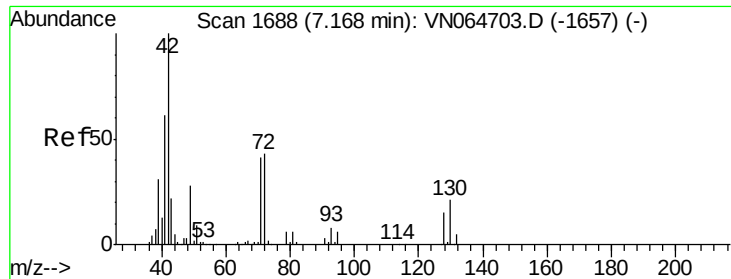
Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion:	49	Resp:	352212
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	70.0	56.2	84.4





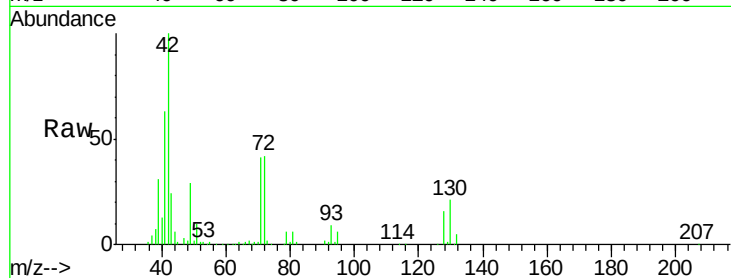
#29
Tetrahydrofuran
Concen: 514.791 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

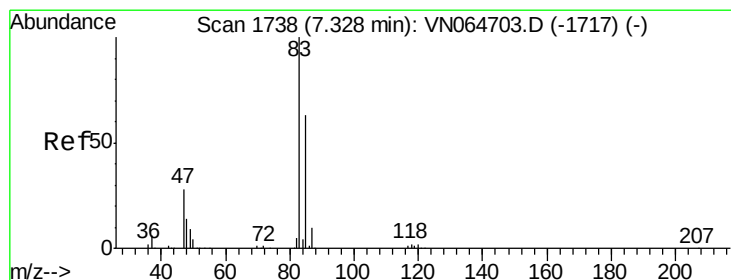
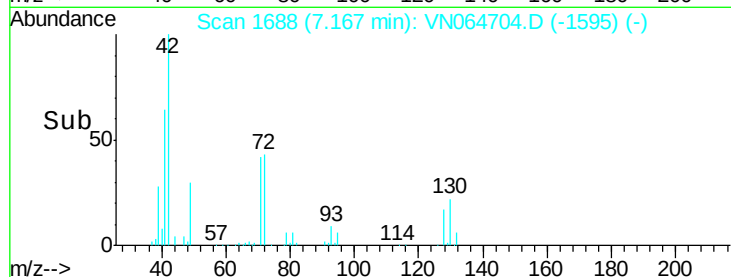
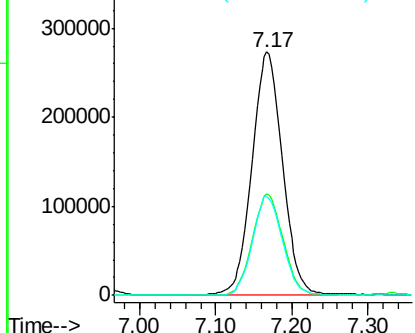
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.0	49.4
71	40.2	31.8	47.6

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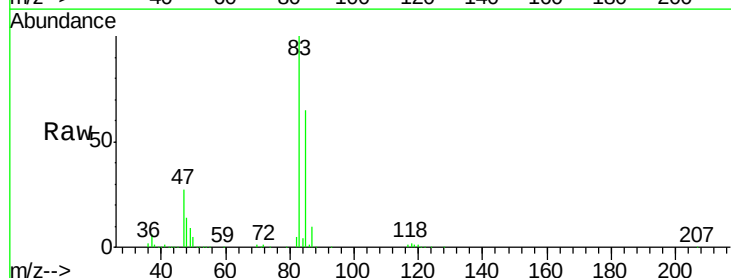


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

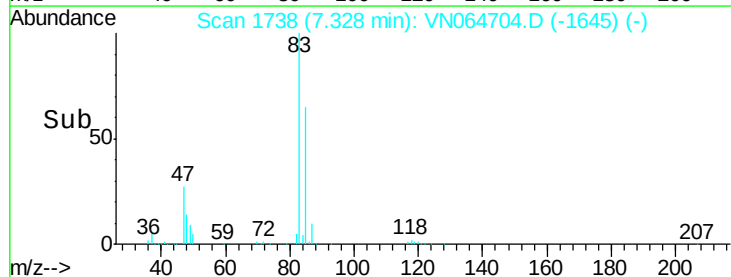
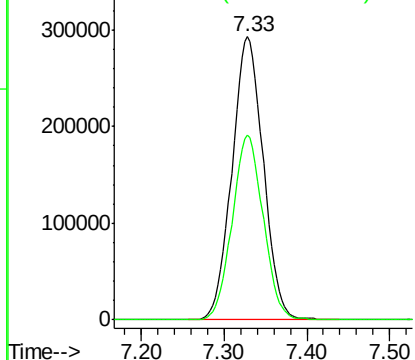


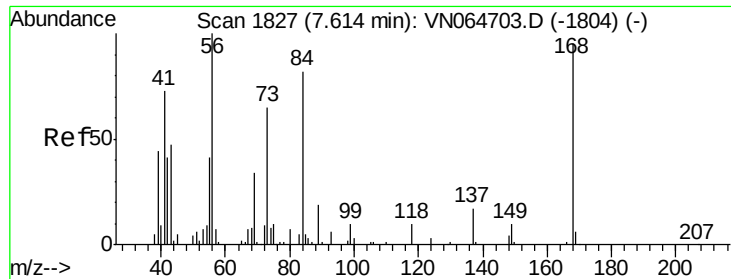
#30
Chloroform
Concen: 103.838 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.6	75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





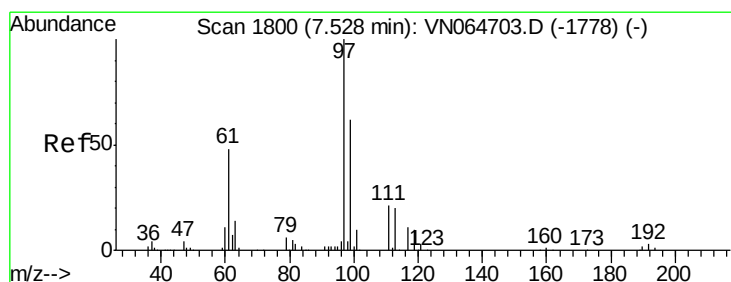
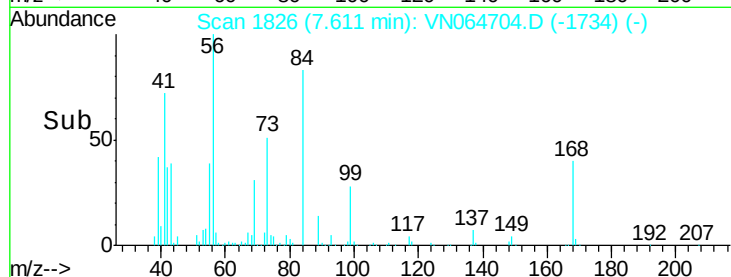
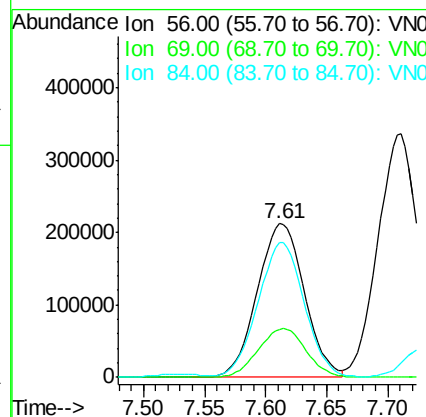
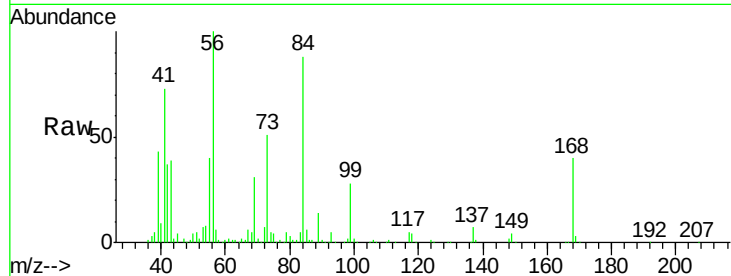
#31
Cyclohexane
Concen: 94.923 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	27.2	40.8
84	85.8	65.9	98.9

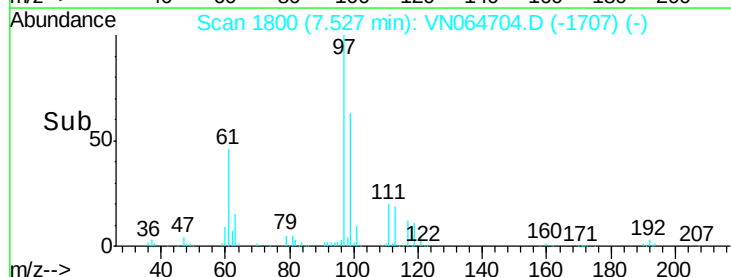
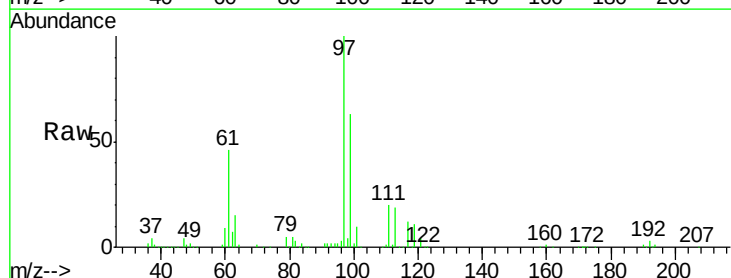
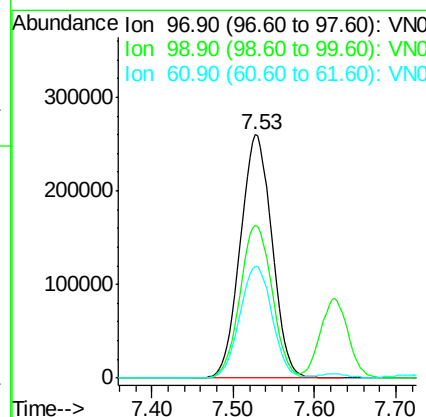
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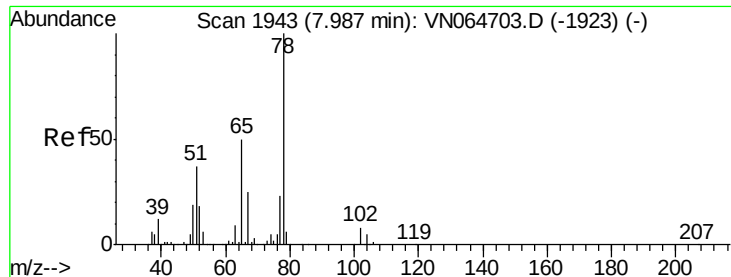
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 106.296 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.6	76.0
61	46.6	38.3	57.5





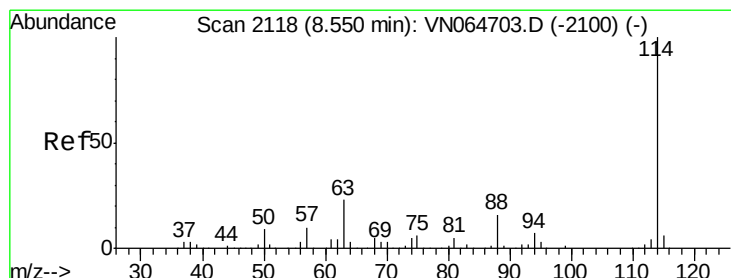
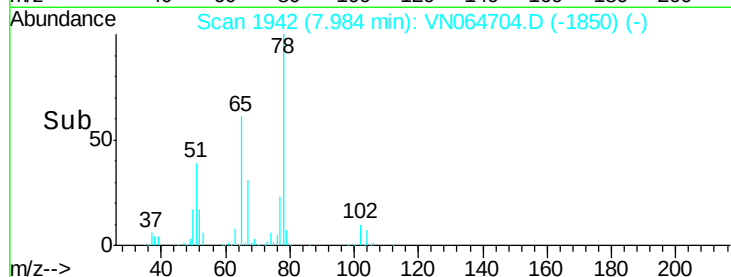
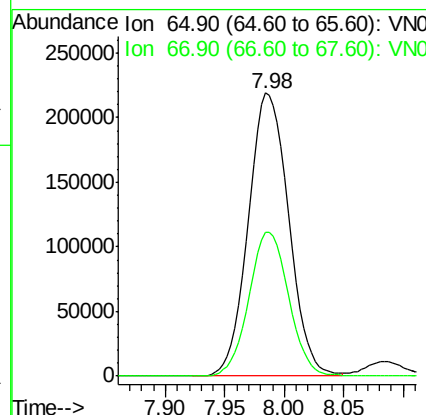
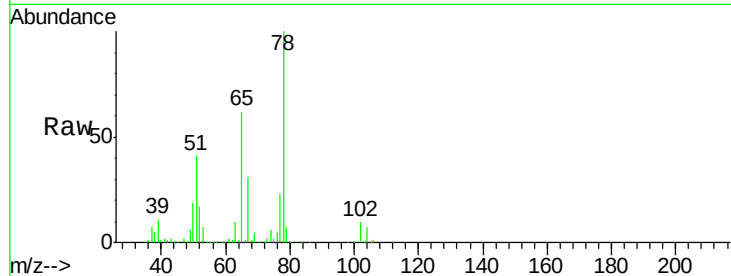
#33
 1,2-Dichloroethane-d4
 Concen: 100.897 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	516077		
67	50.2	0.0	99.8	

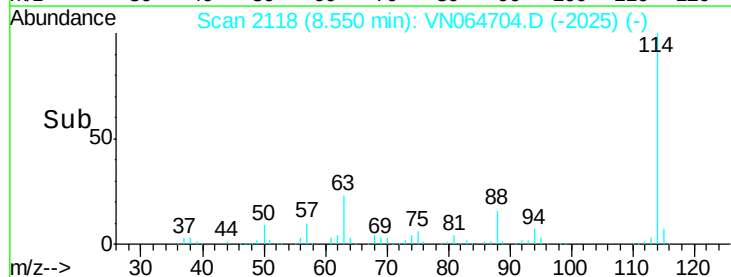
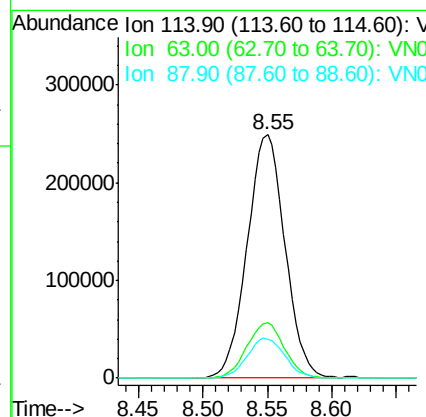
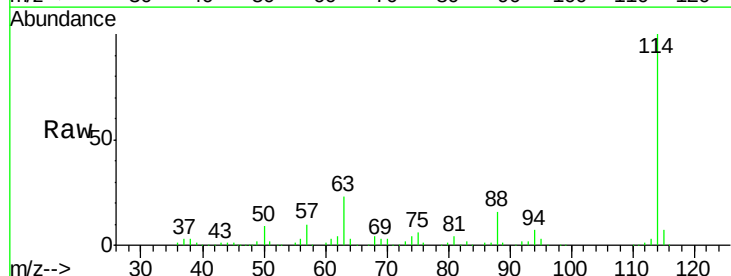
Manual Integrations
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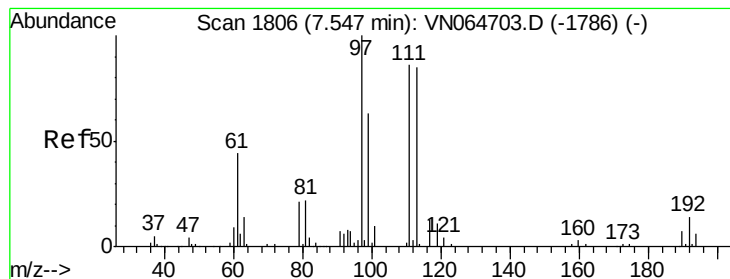
MMDadoda
 11/19/2020 2:10:05 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	509810		
63	22.6	0.0	46.0	
88	16.2	0.0	31.2	





#35

Dibromofluoromethane

Concen: 84.191 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

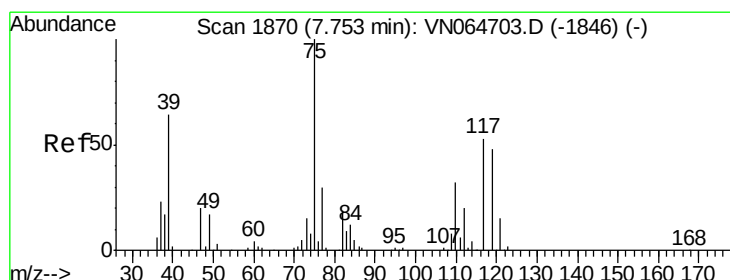
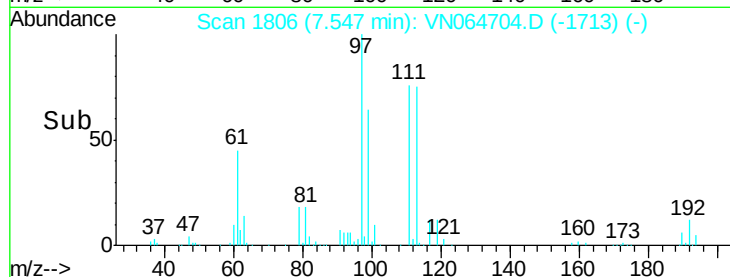
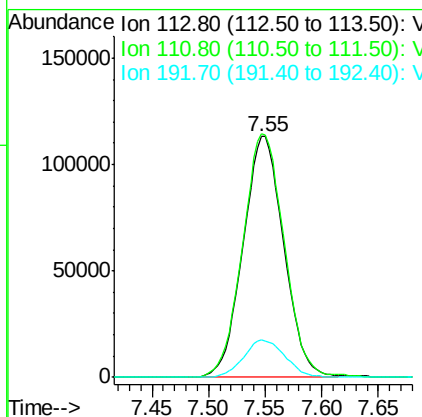
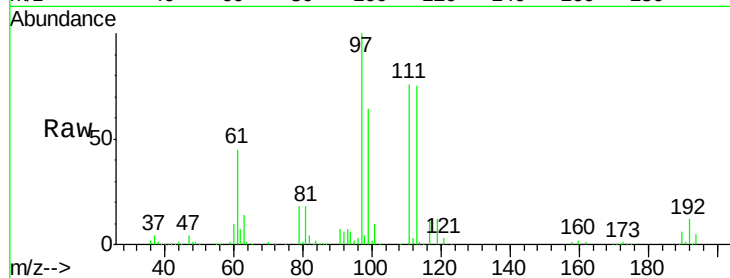
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	283396
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	15.8	12.7	19.1

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#36

1,1-Dichloropropene

Concen: 108.768 ug/l

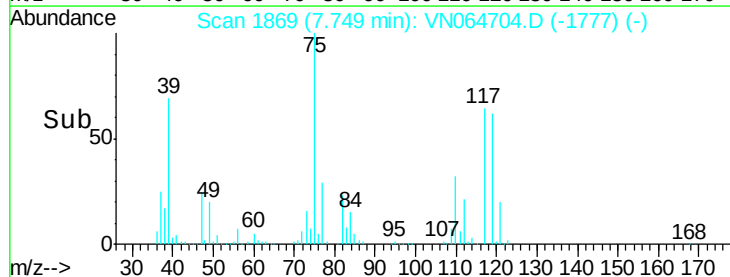
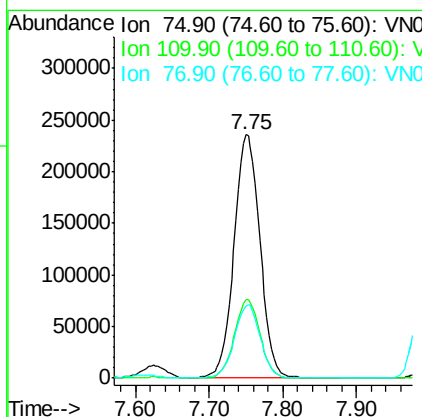
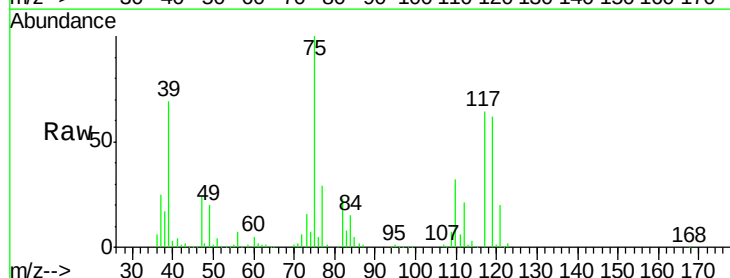
RT: 7.75 min Scan# 1869

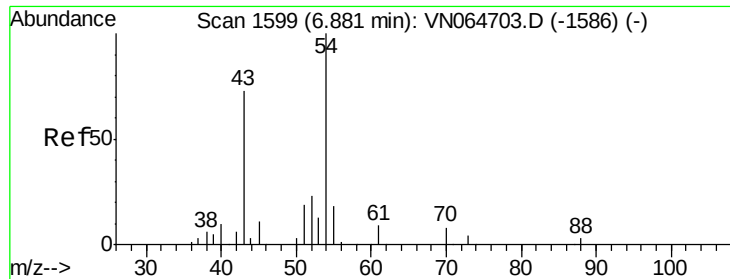
Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion:	75	Resp:	575520
Ion	Ratio	Lower	Upper
75	100		
110	31.9	16.2	48.6
77	30.3	24.4	36.6





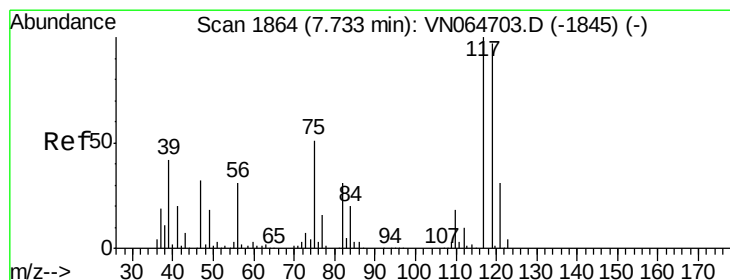
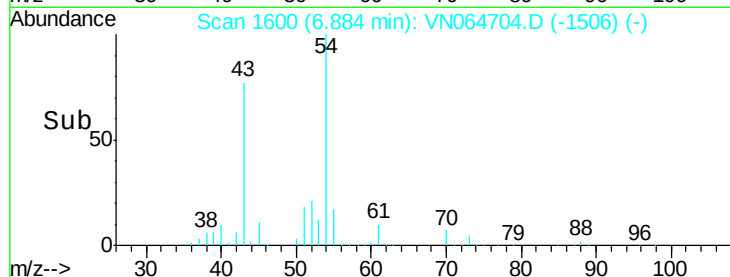
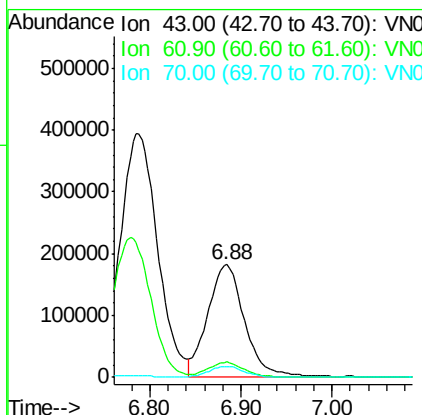
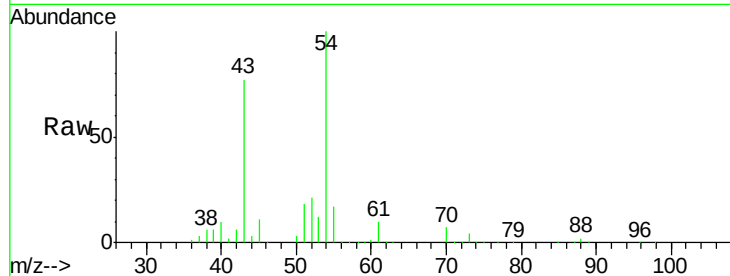
#37
Ethyl Acetate
Concen: 109.422 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.8	7.6	11.4

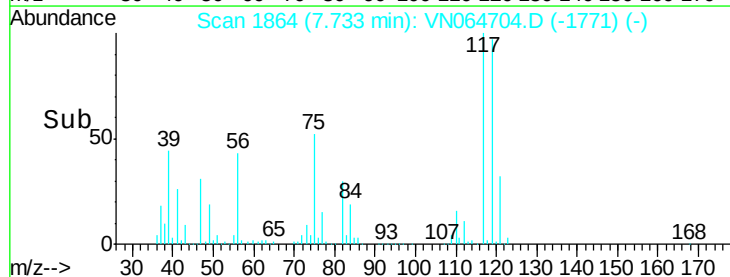
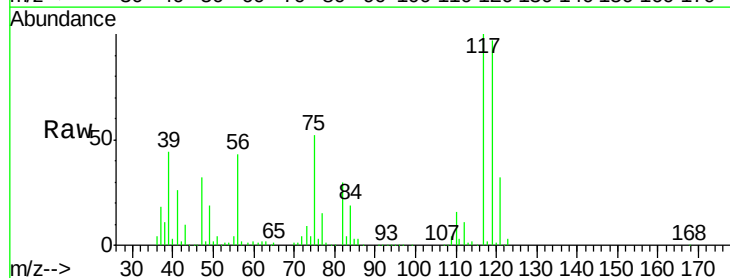
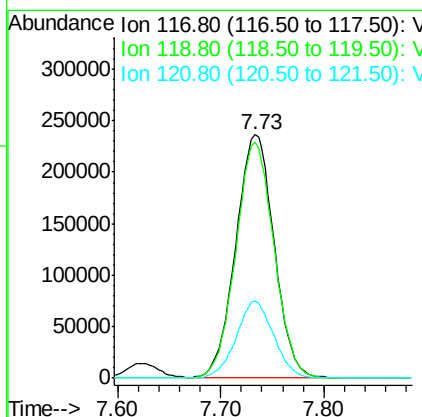
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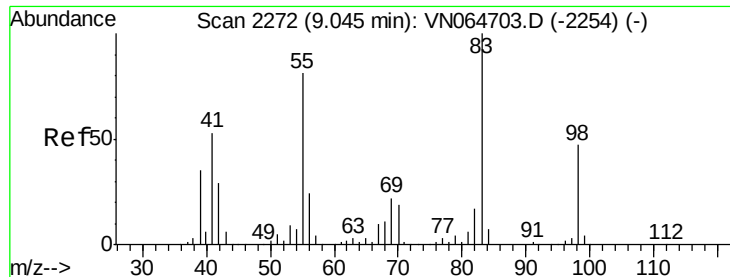
MMDadoda
11/19/2020 2:10:05 PM



#38
Carbon Tetrachloride
Concen: 106.858 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.8	116.6
121	31.9	24.9	37.3





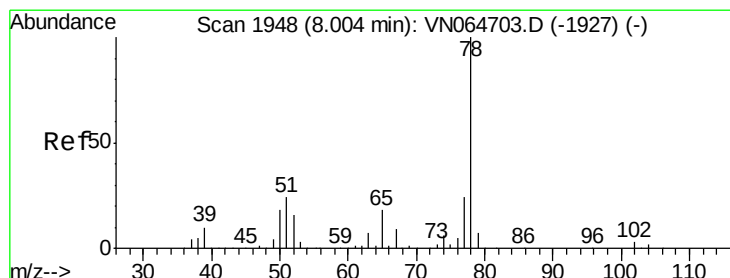
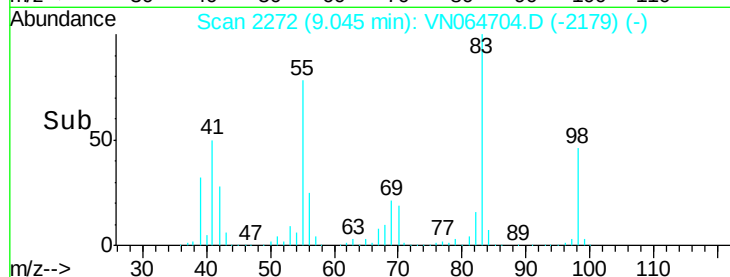
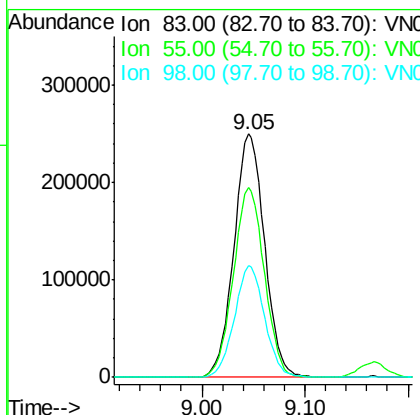
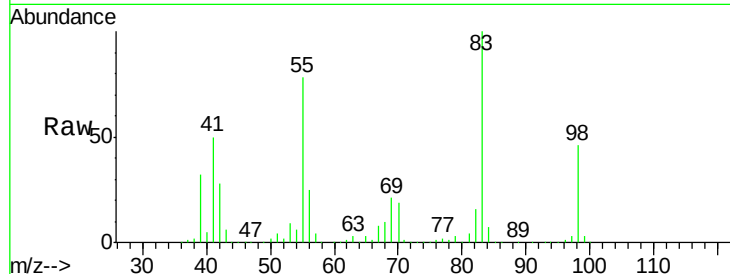
#39
Methylvlcyclohexane
Concen: 109.689 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	64.6	97.0
98	45.9	37.7	56.5

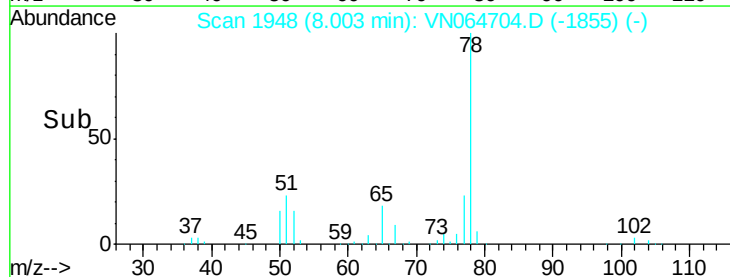
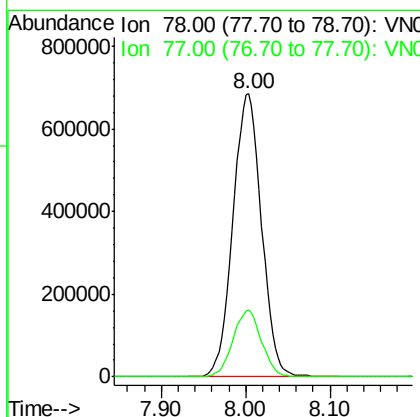
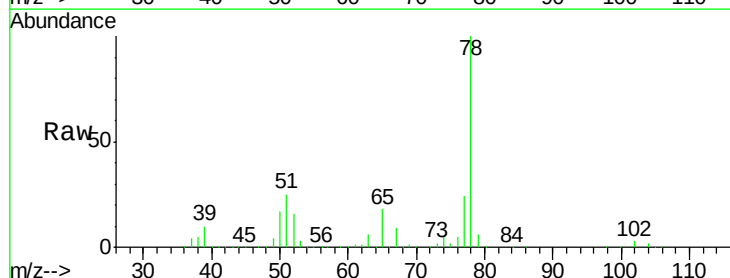
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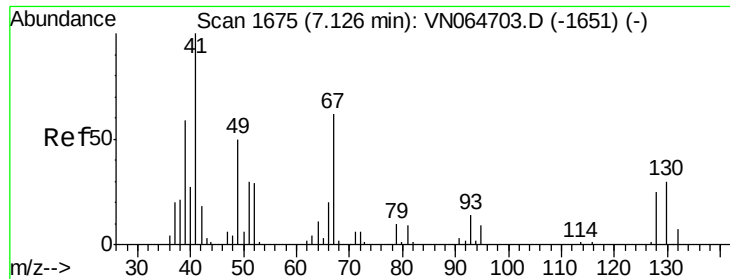
MMDadoda
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#40
Benzene
Concen: 104.145 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





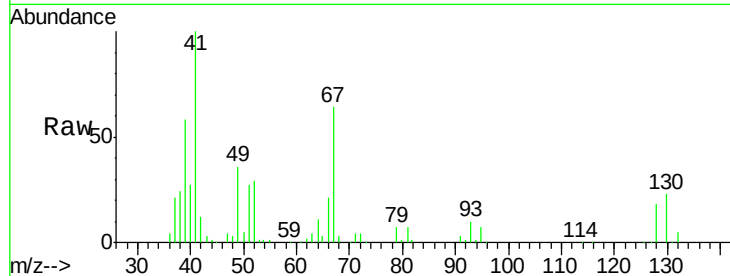
#41
Methacrylonitrile
Concen: 86.622 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	83.3	46.0	69.0#
67	94.1	67.0	100.4
52	43.6	31.7	47.5

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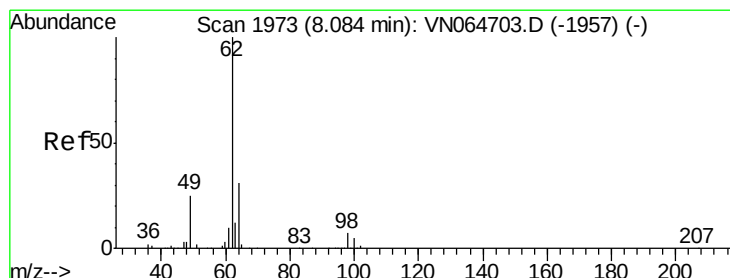
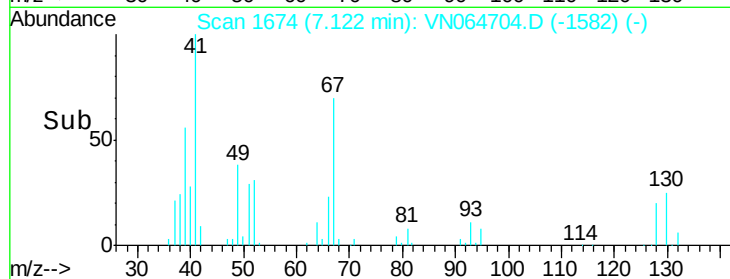
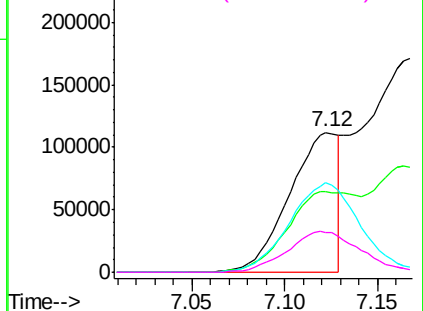
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

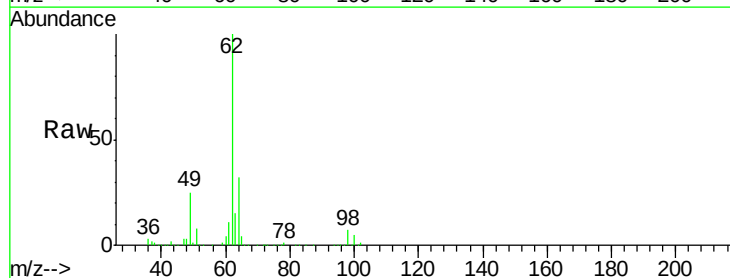
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 106.745 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

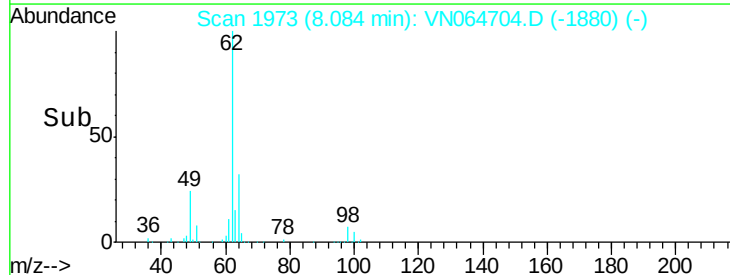
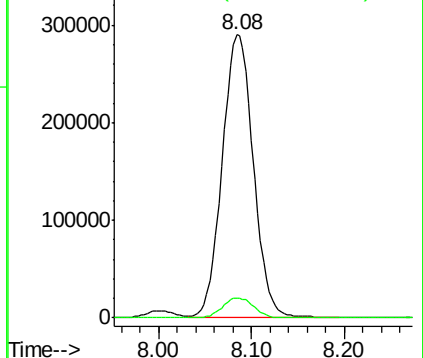
Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	13.6

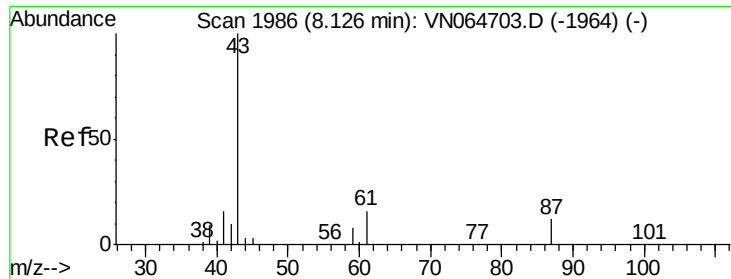


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





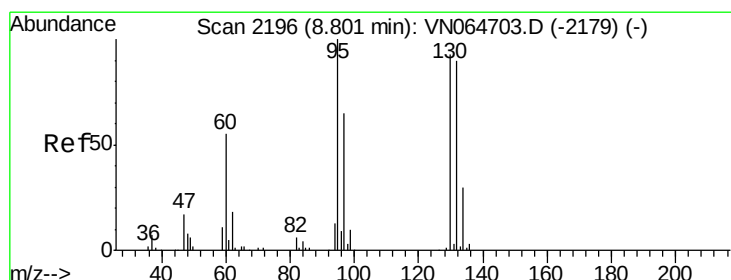
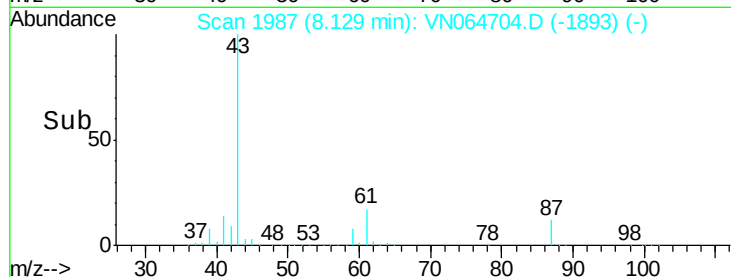
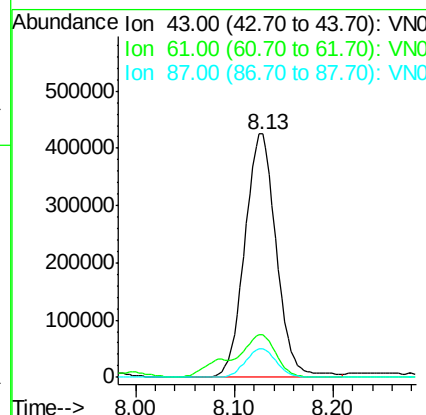
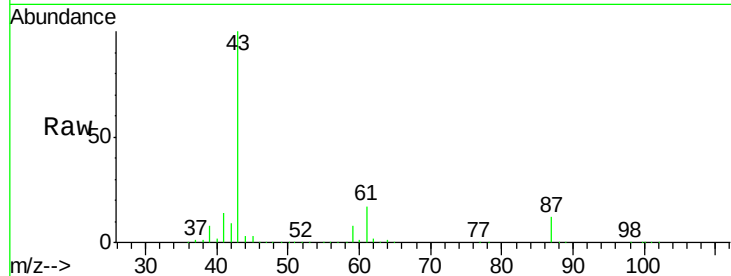
#43
Isopropyl Acetate
Concen: 109.528 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.1	21.1
87	11.7	9.1	13.7

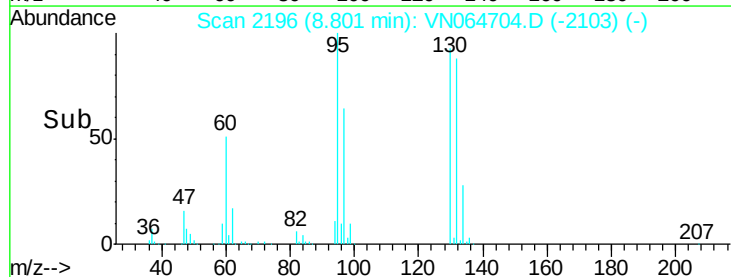
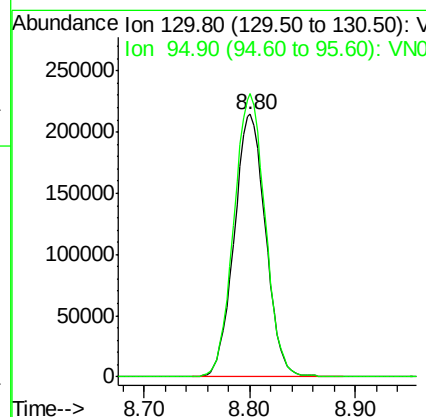
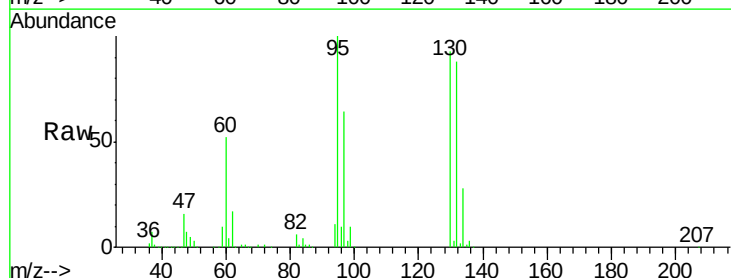
Manual Integrations
APPROVED

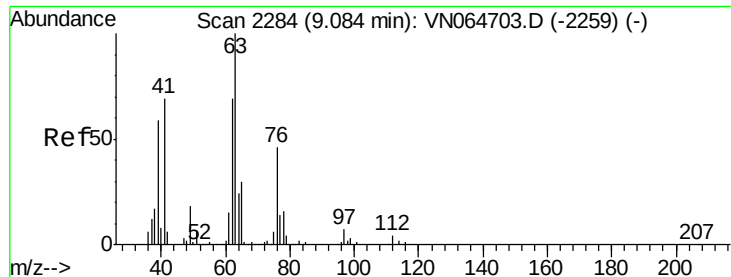
MMDadoda
11/19/2020 2:10:05 PM



#44
Trichloroethene
Concen: 111.439 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.7	0.0	214.2





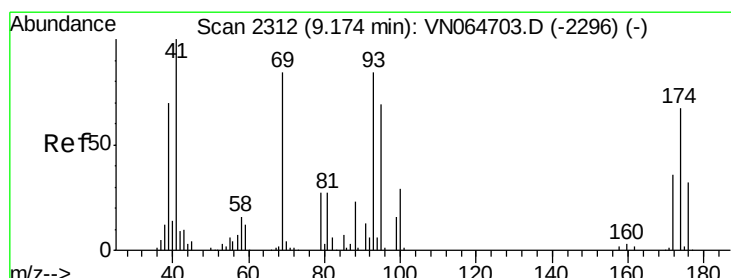
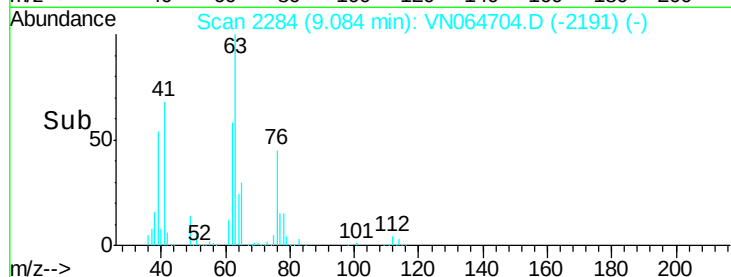
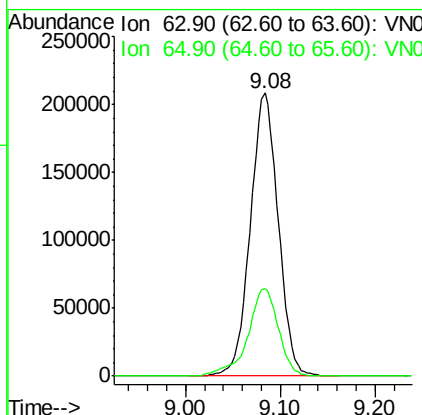
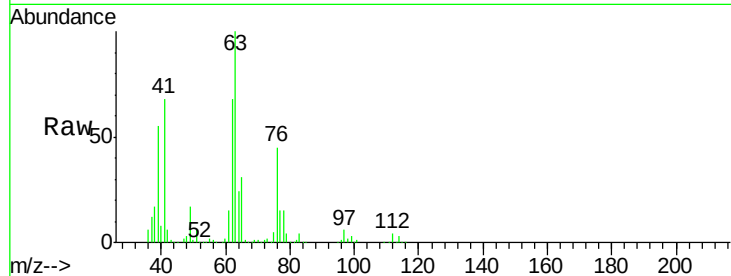
#45
 1,2-Dichloropropane
 Concen: 103.574 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 427831
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.0 36.0

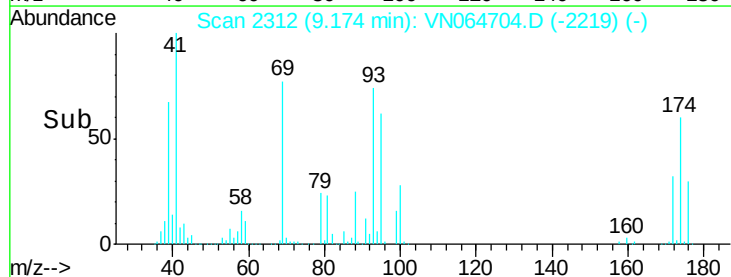
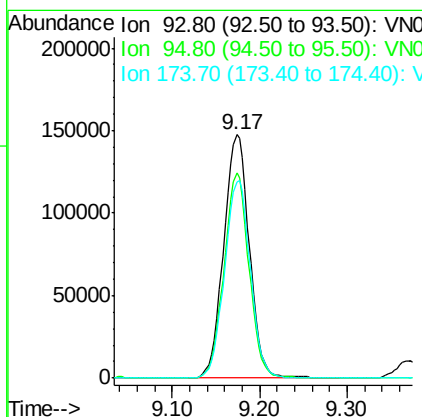
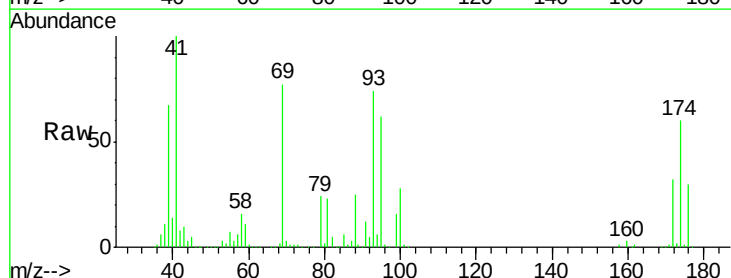
Manual Integrations
 APPROVED

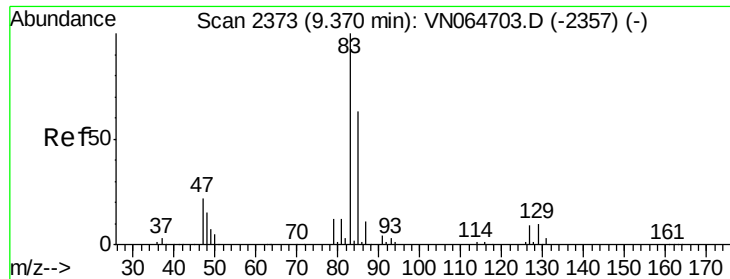
MMDadoda
 11/19/2020 2:10:05 PM



#46
 Dibromomethane
 Concen: 108.850 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion: 93 Resp: 300729
 Ion Ratio Lower Upper
 93 100
 95 82.0 64.6 97.0
 174 81.3 64.3 96.5





#47

Bromodichloromethane

Concen: 108.406 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

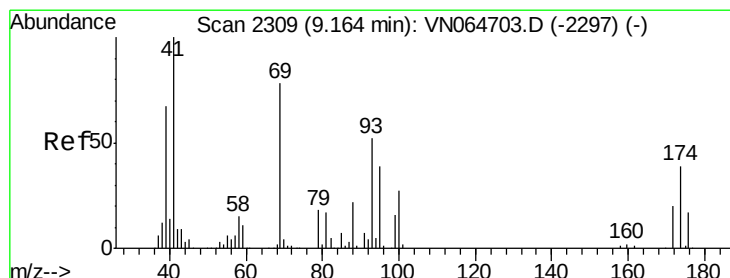
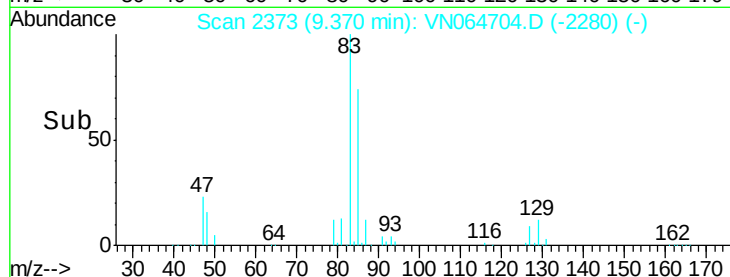
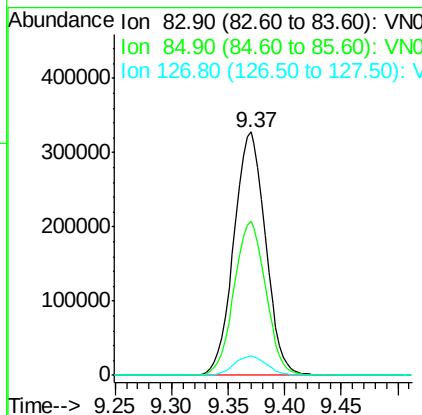
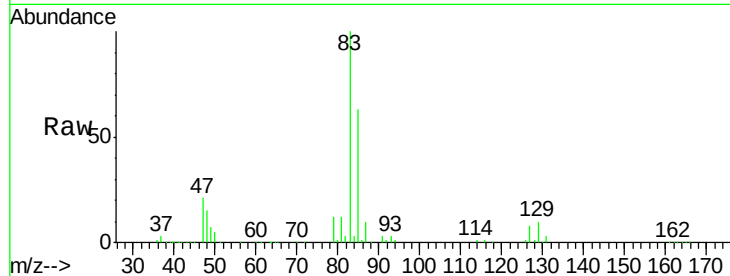
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	640479
Ion Ratio	Lower	Upper	
83	100		
85	63.2	50.8	76.2
127	7.8	7.0	10.4

Manual Integrations
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MMDadoda
11/19/2020 2:10:05 PM



#48

Methyl methacrylate

Concen: 108.791 ug/l

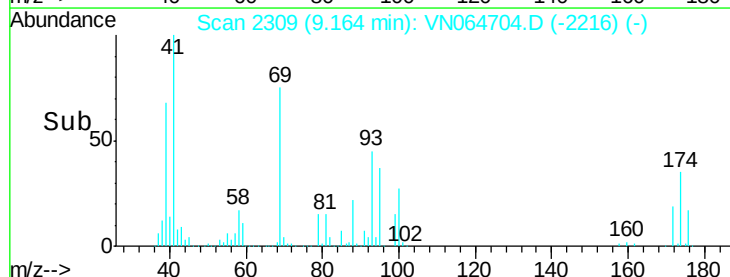
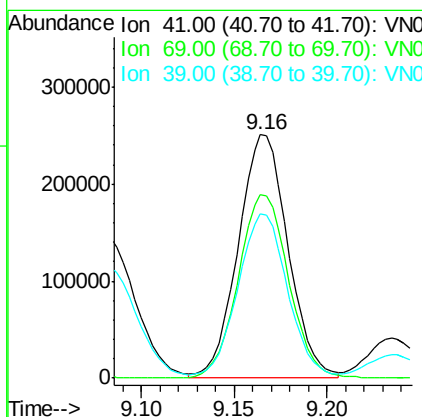
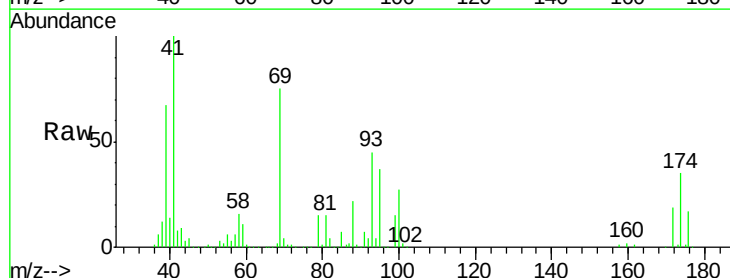
RT: 9.16 min Scan# 2309

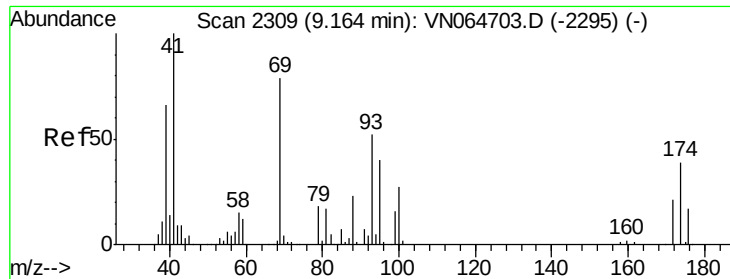
Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion:	41	Resp:	468083
Ion Ratio	Lower	Upper	
41	100		
69	76.5	62.3	93.5
39	67.7	55.1	82.7





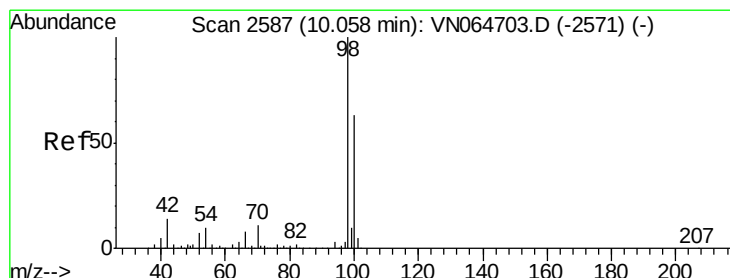
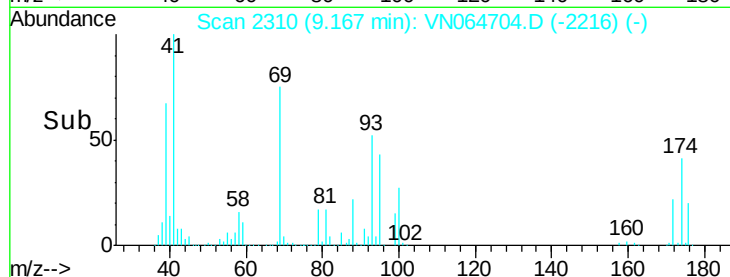
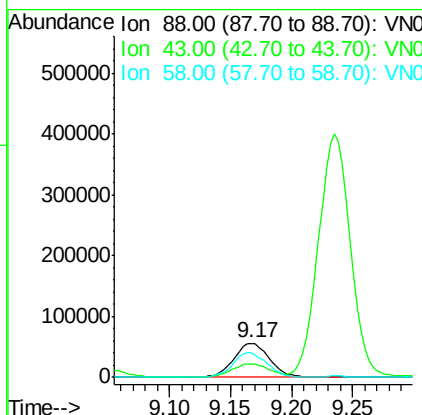
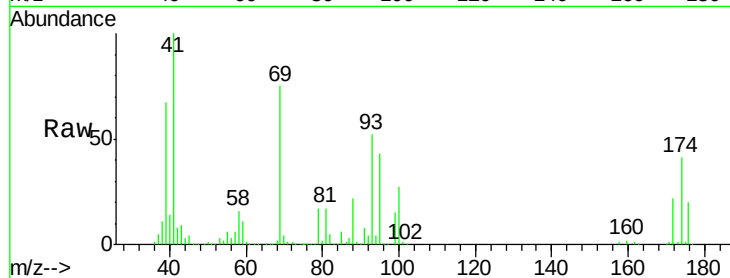
#49
1,4-Dioxane
Concen: 2024.095 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.2	31.3	46.9
58	70.7	55.7	83.5

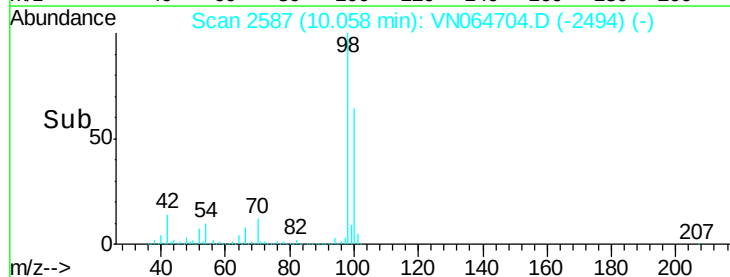
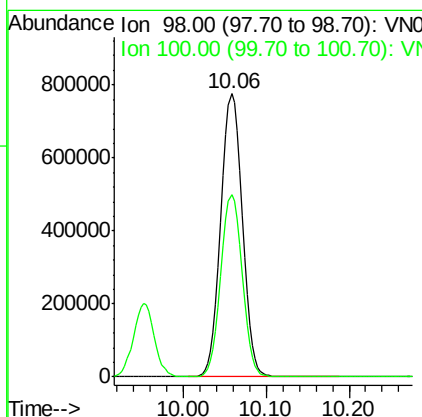
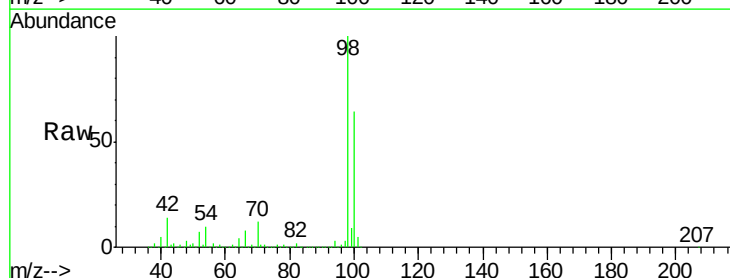
Manual Integrations
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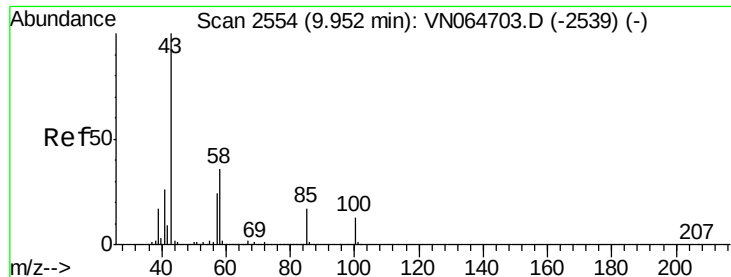
MMDadoda
11/19/2020 2:10:05 PM



#50
Toluene-d8
Concen: 104.846 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.4	75.6





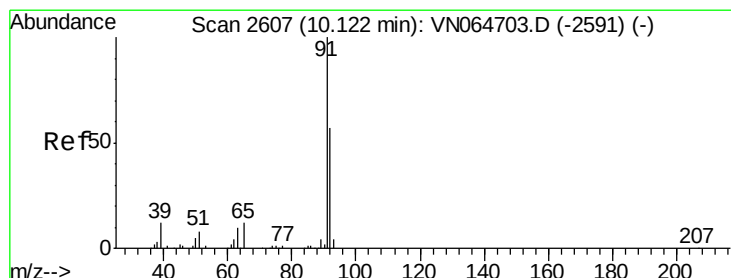
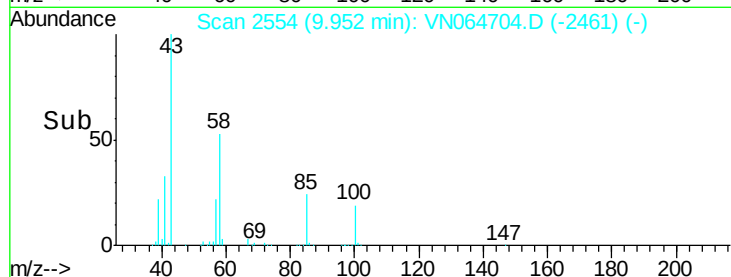
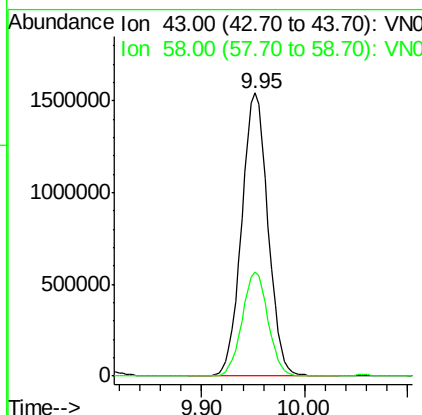
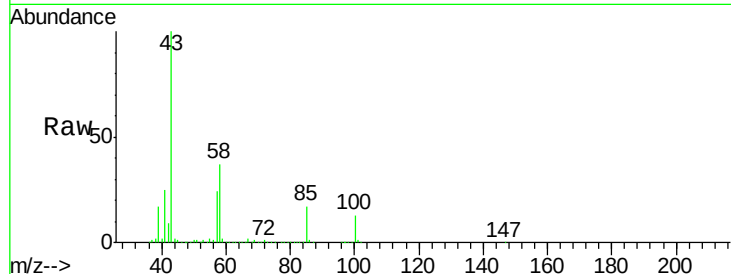
#51
4-Methyl-2-Pentanone
Concen: 550.173 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 2726846
Ion Ratio Lower Upper
43 100
58 36.4 28.5 42.7

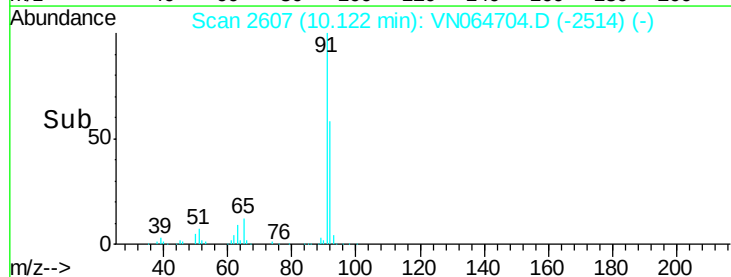
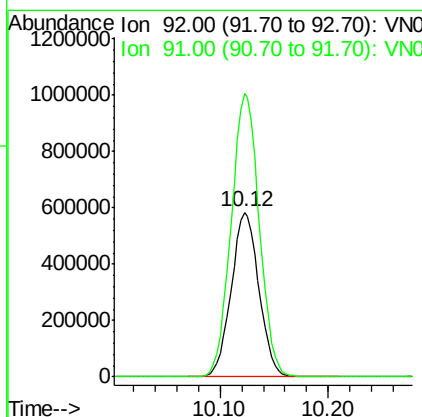
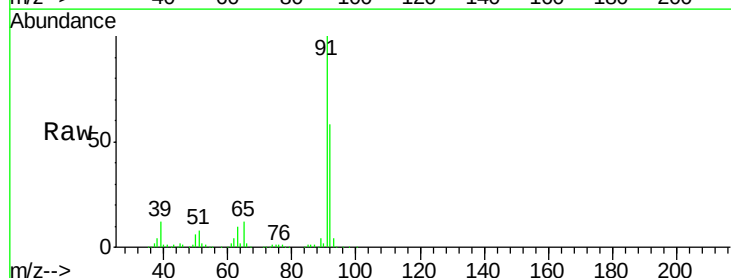
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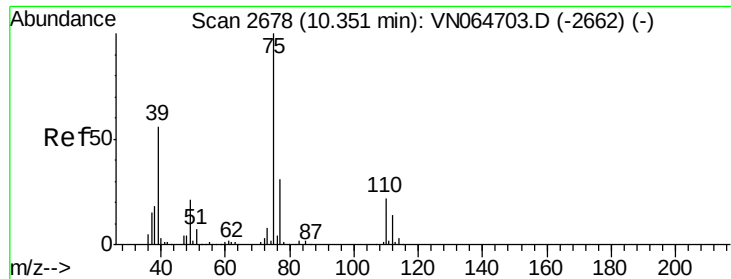
MMDadoda
11/19/2020 2:10:05 PM



#52
Toluene
Concen: 110.106 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 92 Resp: 1043823
Ion Ratio Lower Upper
92 100
91 174.9 141.2 211.8





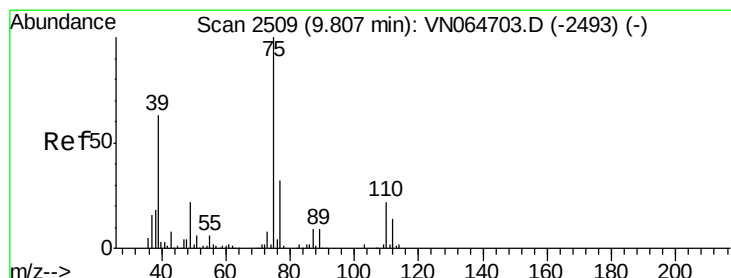
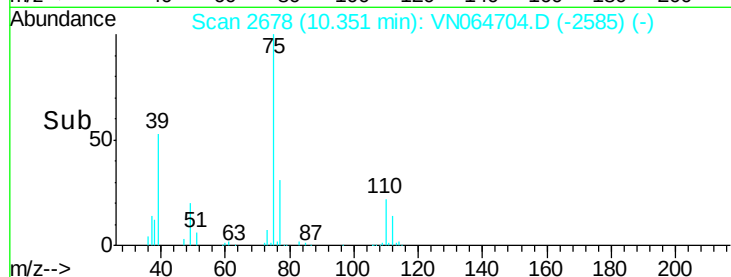
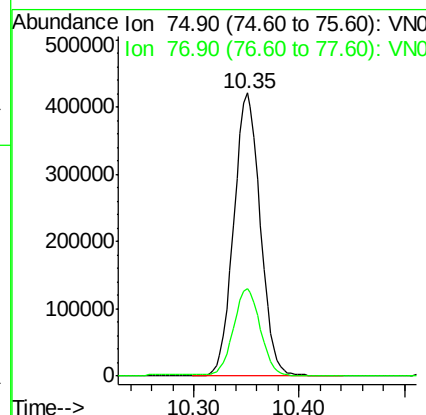
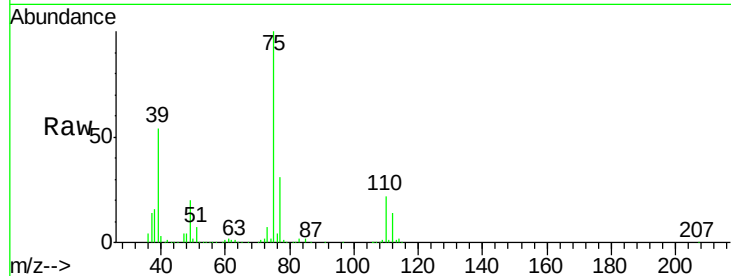
#53
t-1,3-Dichloropropene
Concen: 117.536 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.0

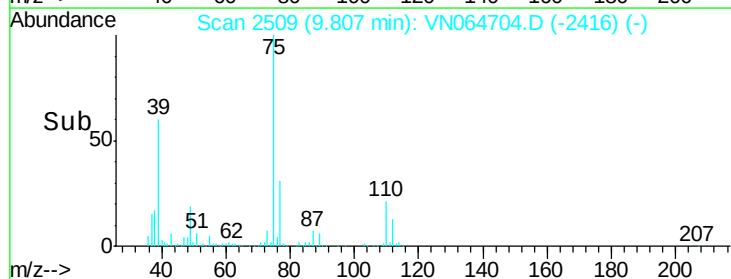
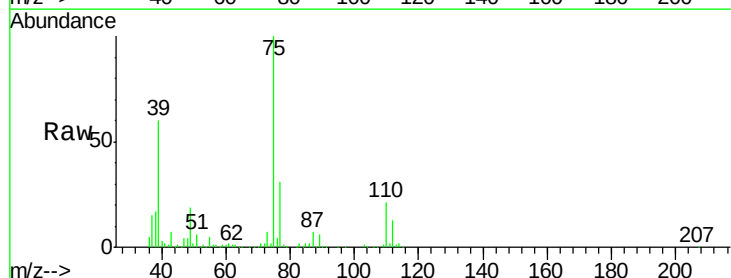
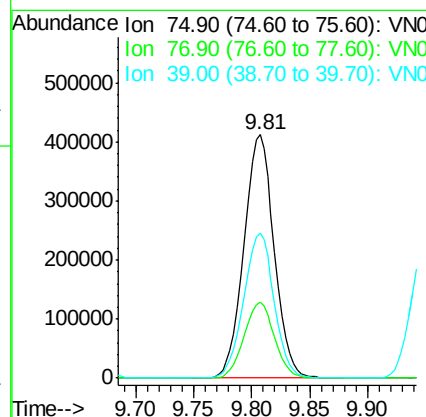
Manual Integrations
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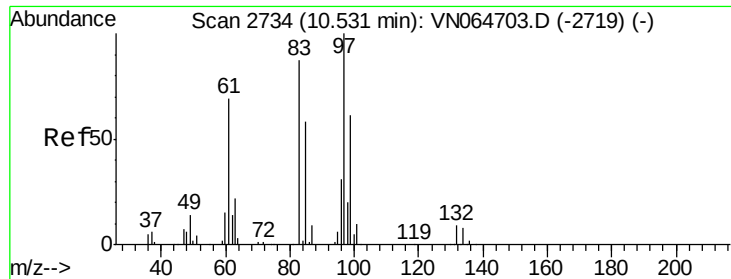
MMDadoda
11/19/2020 2:10:05 PM



#54
cis-1,3-Dichloropropene
Concen: 112.158 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.8	38.8
39	59.7	50.5	75.7





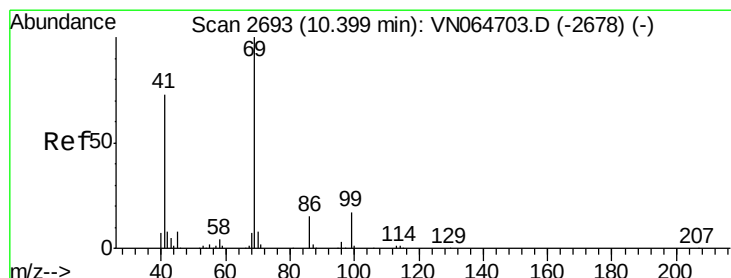
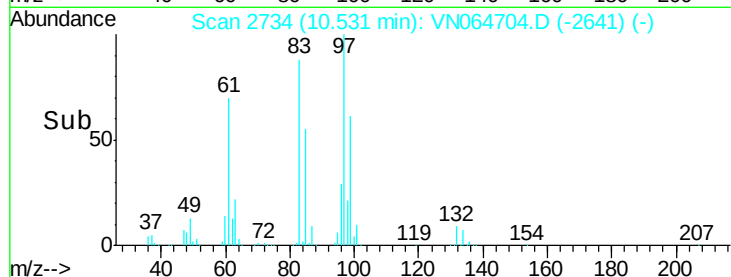
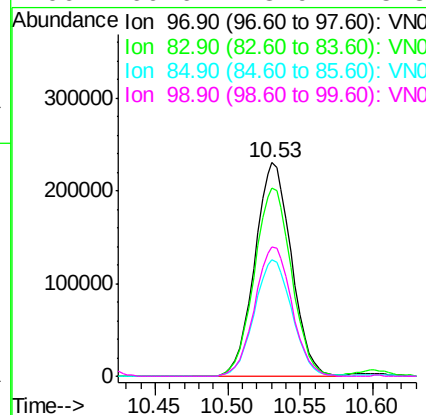
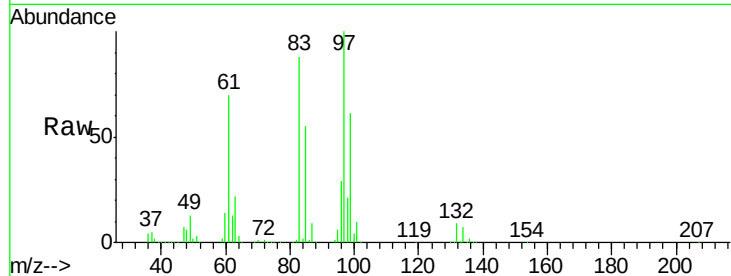
#55
 1,1,2-Trichloroethane
 Concen: 109.221 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	405897
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.6	104.4
85	54.8	46.6	70.0
99	60.6	48.9	73.3

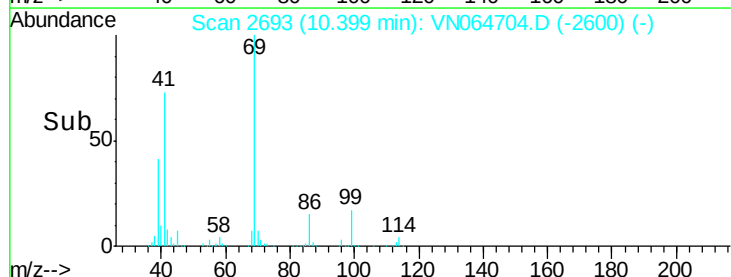
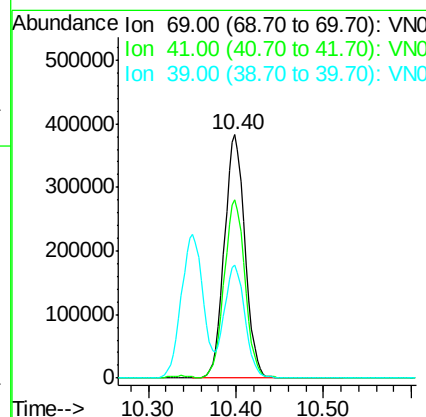
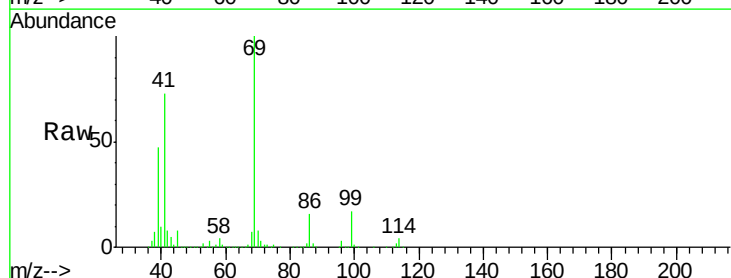
Manual Integrations
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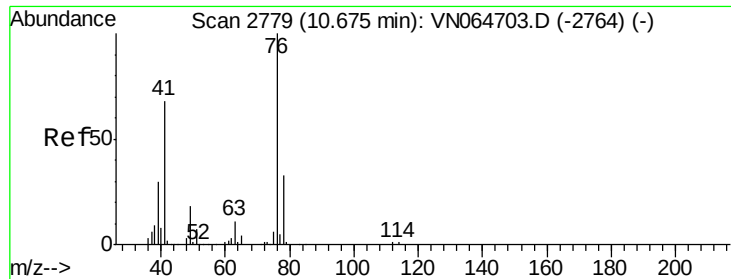
MMDadoda
 11/19/2020 2:10:05 PM



#56
 Ethyl methacrylate
 Concen: 116.809 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion:	69	Resp:	625787
Ion	Ratio	Lower	Upper
69	100		
41	73.5	59.0	88.4
39	46.2	38.4	57.6





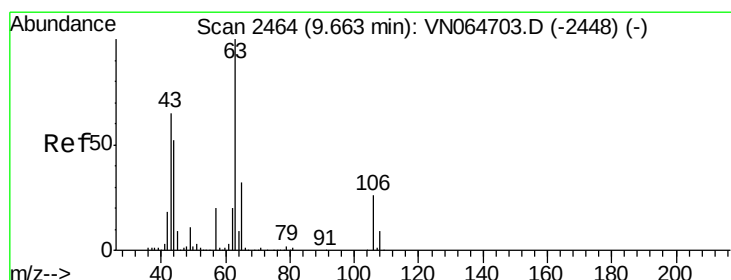
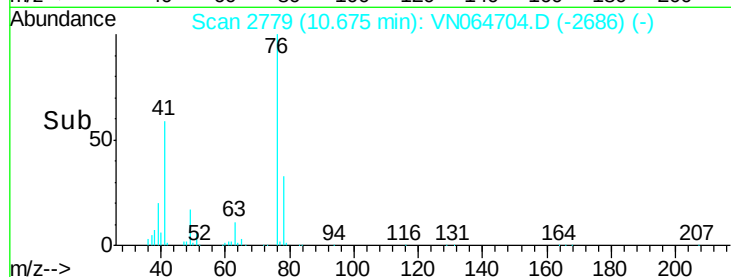
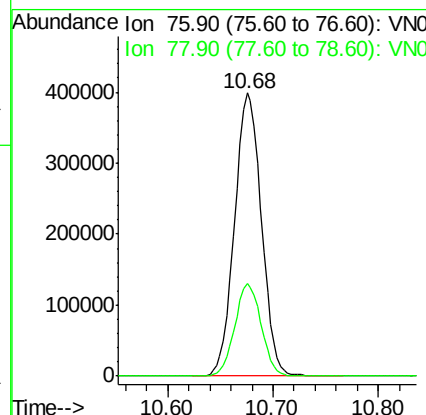
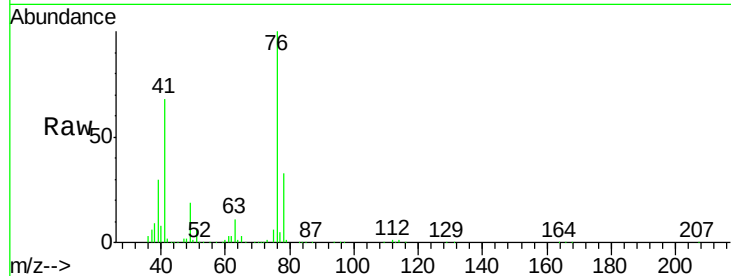
#57
 1,3-Dichloropropane
 Concen: 108.735 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 702924
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.4 39.6

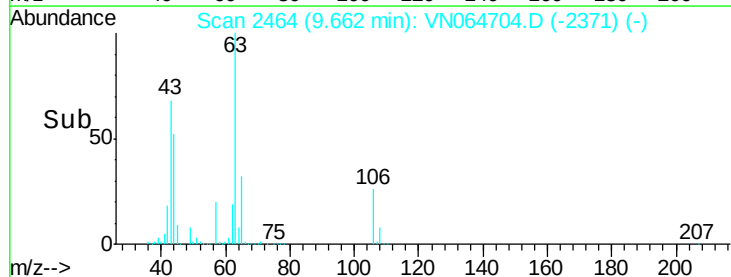
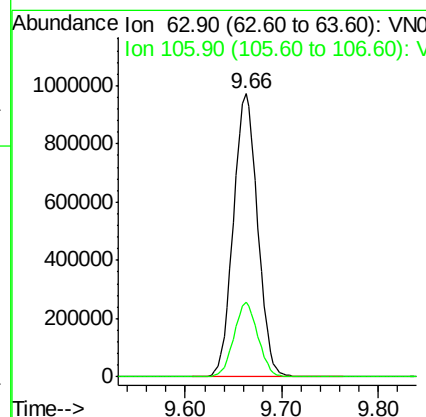
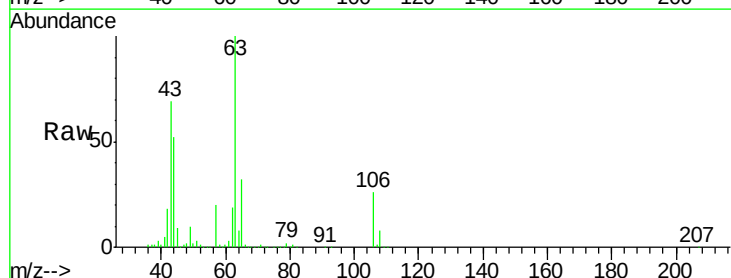
Manual Integrations
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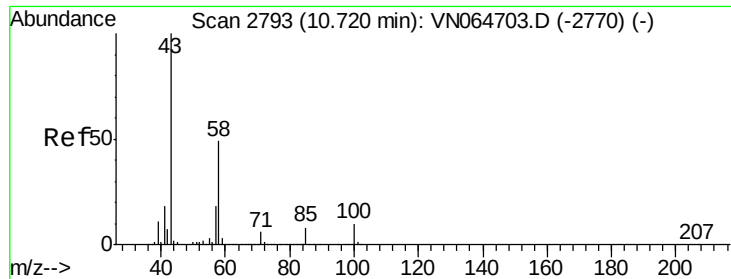
MMDadoda
 11/19/2020 2:10:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 627.106 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion: 63 Resp: 1693350
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.9 31.3





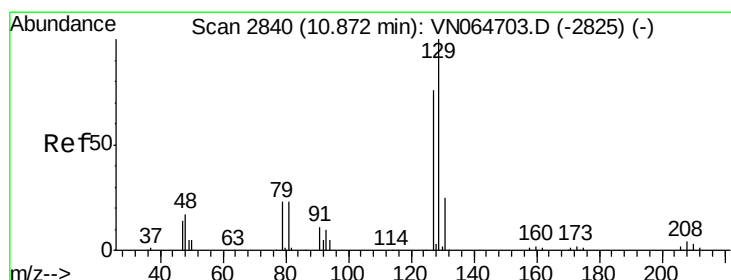
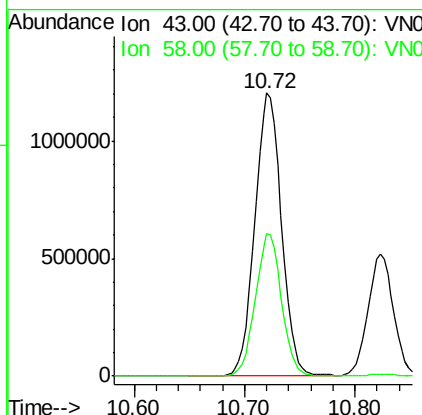
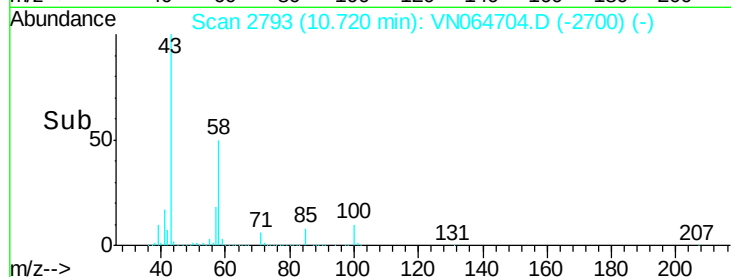
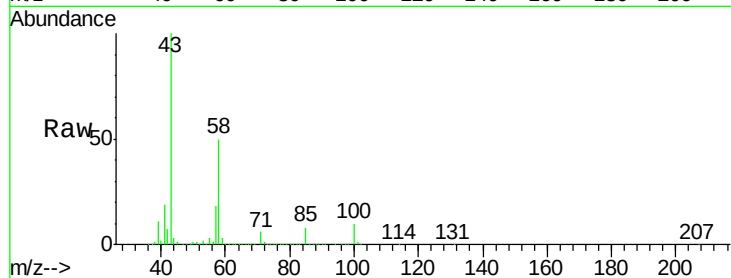
#59
2-Hexanone
Concen: 560.797 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 2008639
Ion Ratio Lower Upper
43 100
58 49.4 24.4 73.4

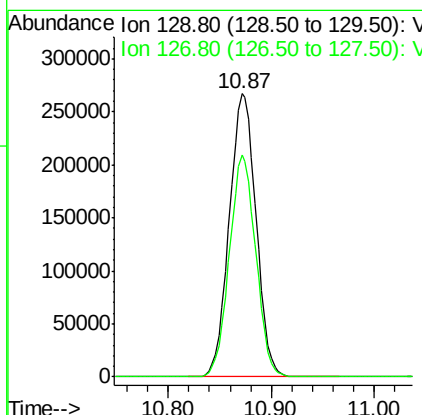
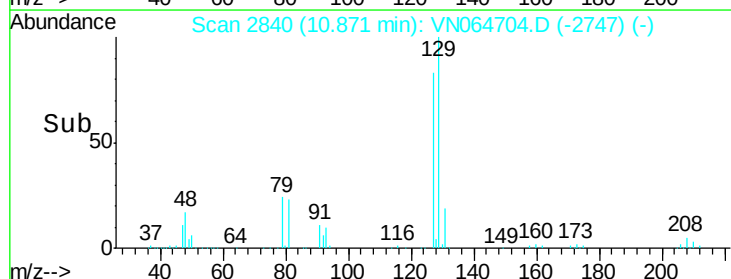
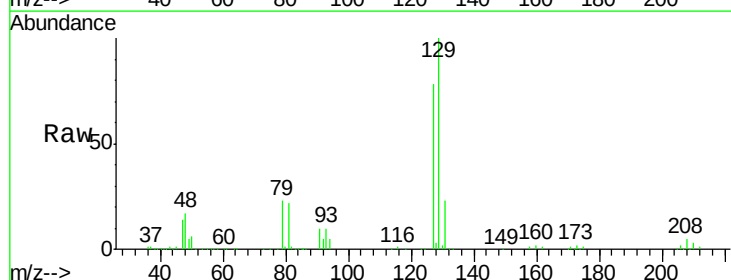
Manual Integrations
APPROVED

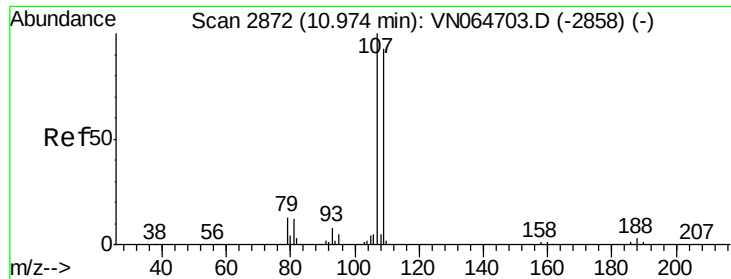
MMDadoda
11/19/2020 2:10:05 PM



#60
Dibromochloromethane
Concen: 116.186 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 129 Resp: 483210
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 113.653 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 429014

Ion Ratio Lower Upper

107 100

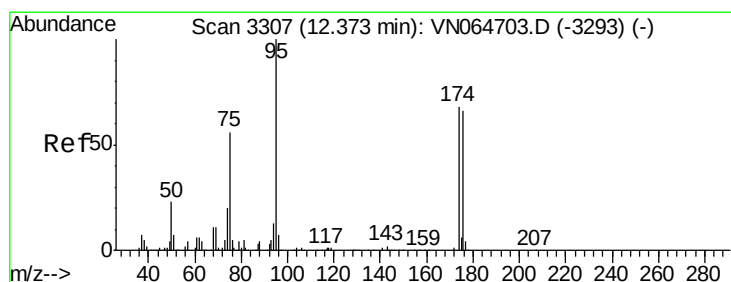
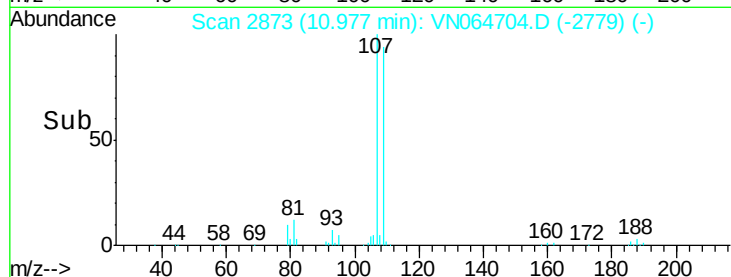
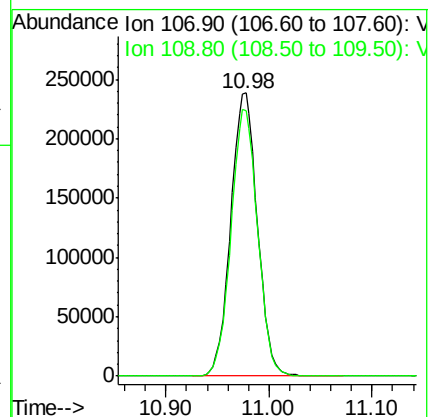
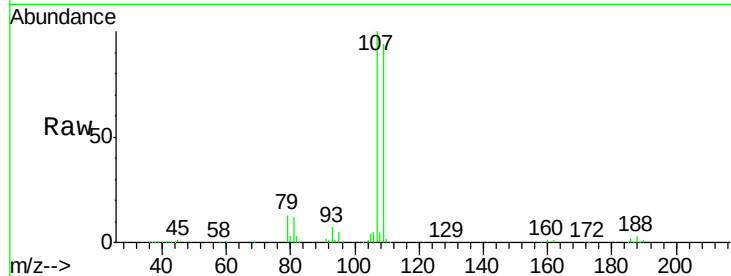
109 94.3 74.2 111.4

Manual Integrations

APPROVED

MMDadoda

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#62

4-Bromofluorobenzene

Concen: 108.022 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

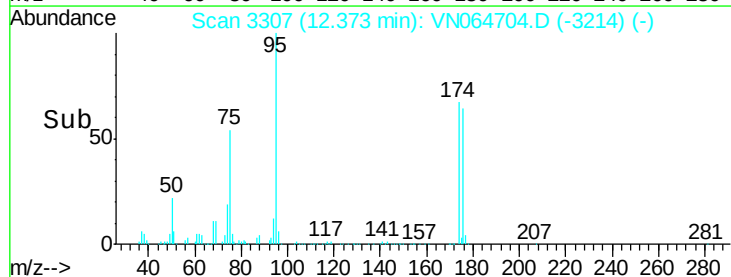
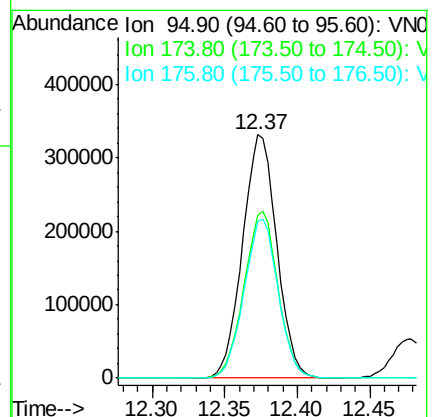
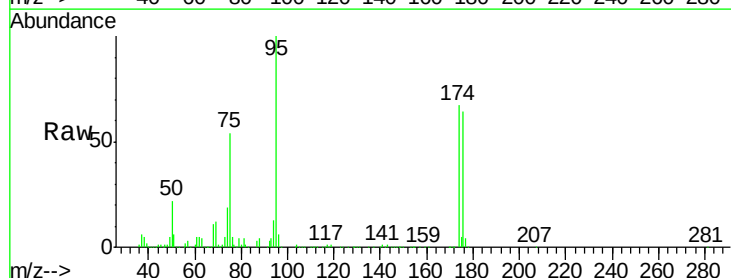
Tgt Ion: 95 Resp: 544330

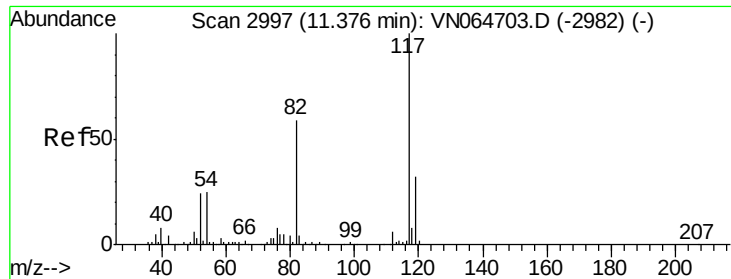
Ion Ratio Lower Upper

95 100

174 68.0 0.0 136.8

176 65.0 0.0 134.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

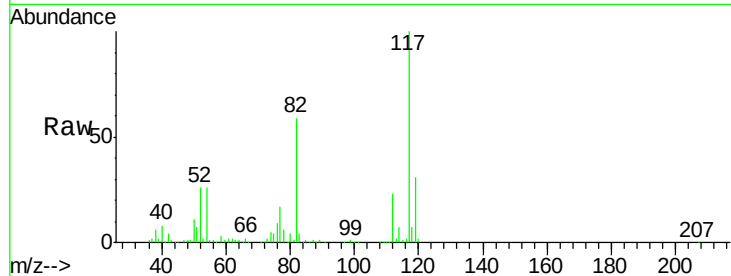
ClientSampleId :

VSTDIC100

Tot Ion:	117	Resp:	483313
Ion Ratio	Lower	Upper	
117	100		
82	58.5	47.0	70.6
119	31.4	25.4	38.2

Manual Integrations
APPROVED

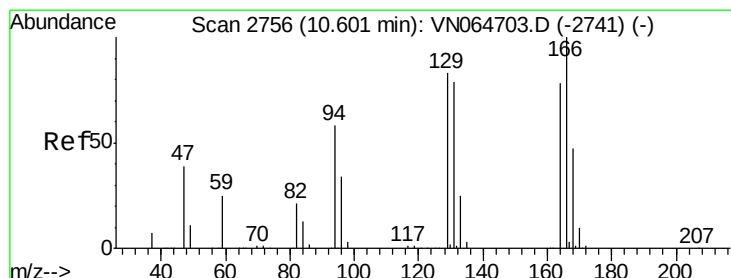
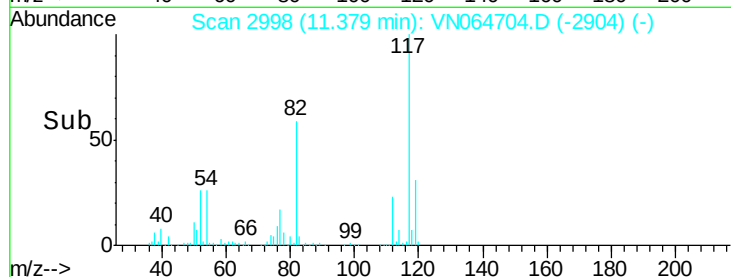
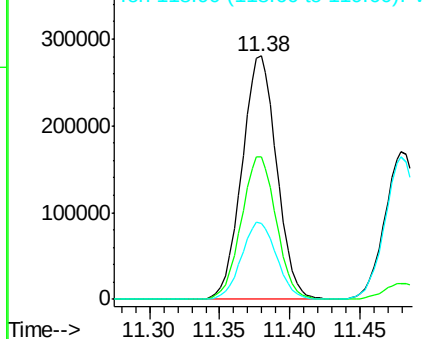
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 117.991 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

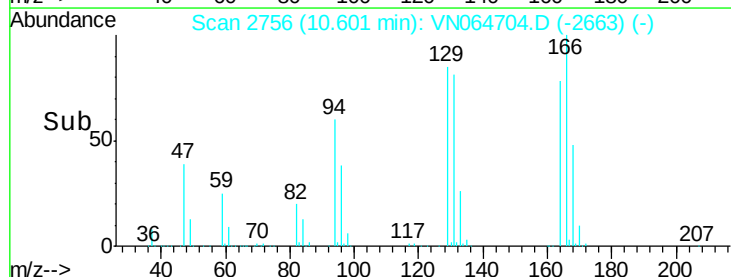
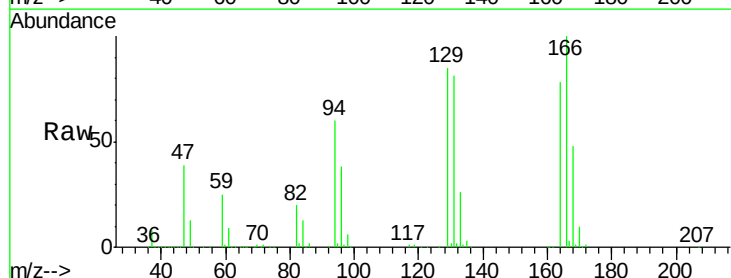
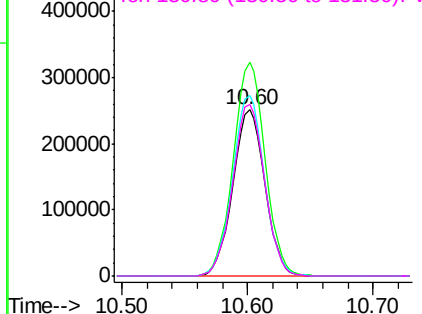
Tgt Ion:	164	Resp:	446258
Ion Ratio	Lower	Upper	
164	100		
166	128.7	102.2	153.4
129	109.1	84.7	127.1
131	103.7	81.1	121.7

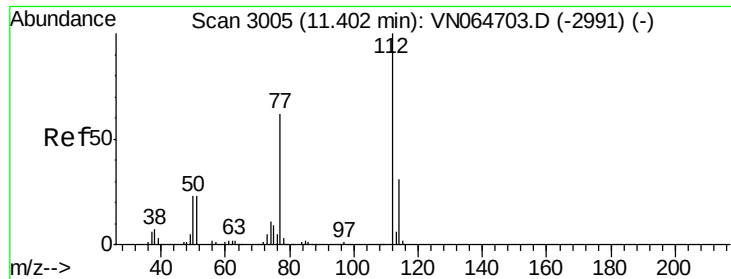
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





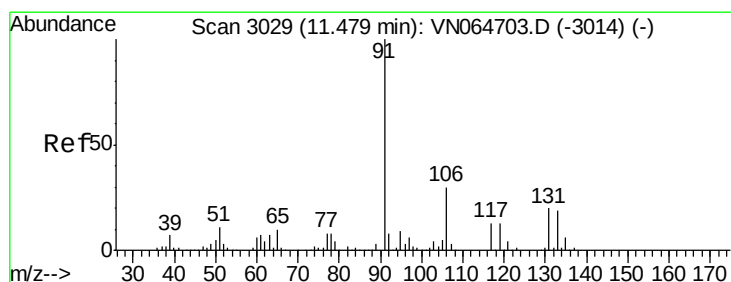
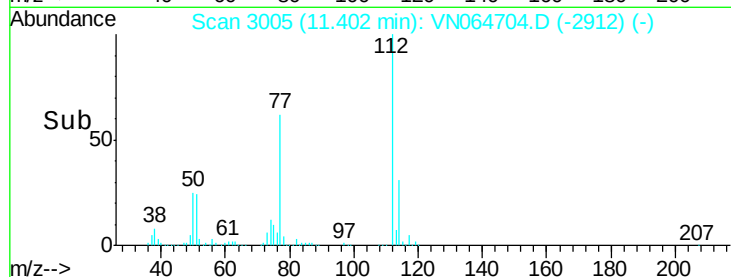
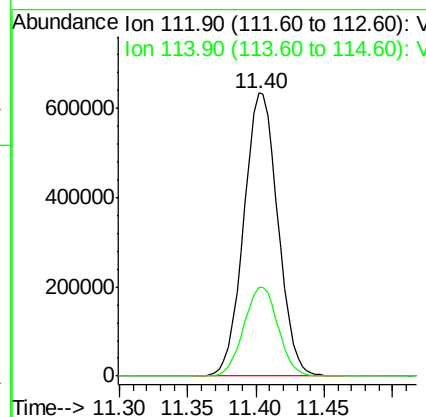
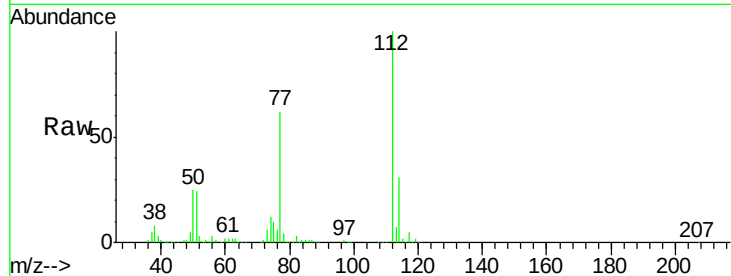
#65
Chlorobenzene
Concen: 105.173 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 1100437
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1

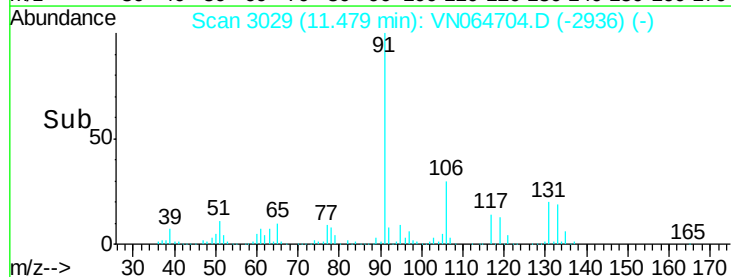
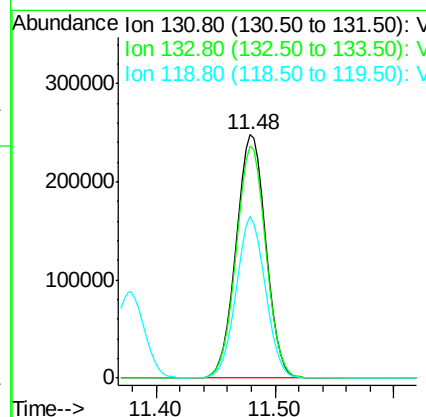
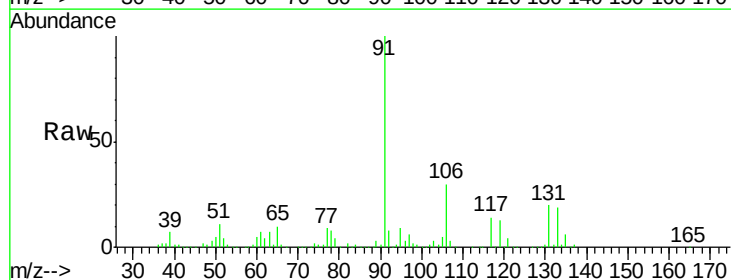
Manual Integrations
APPROVED

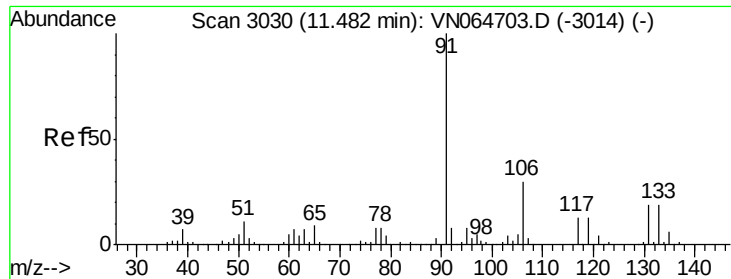
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 110.563 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion:131 Resp: 430023
Ion Ratio Lower Upper
131 100
133 95.1 48.8 146.4
119 65.0 33.5 100.4





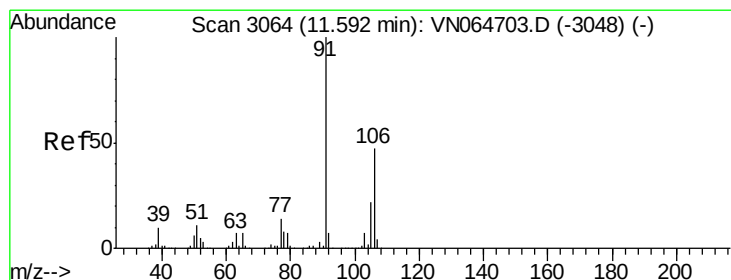
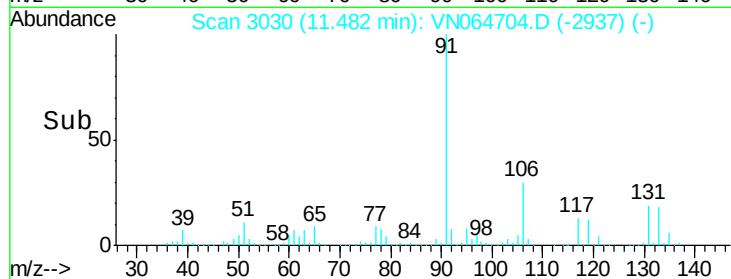
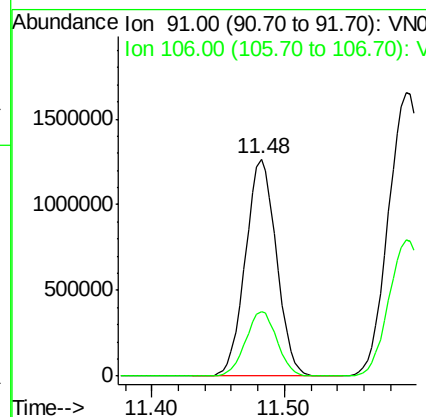
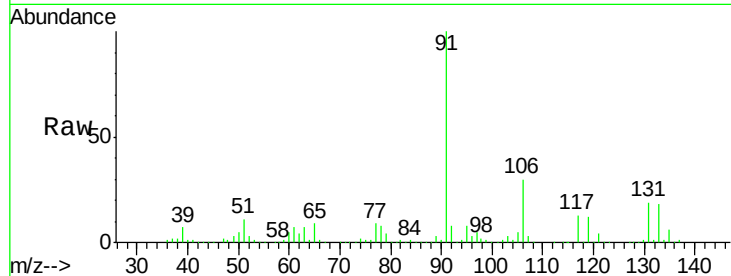
#67
Ethyl Benzene
Concen: 111.399 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 2059170
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9

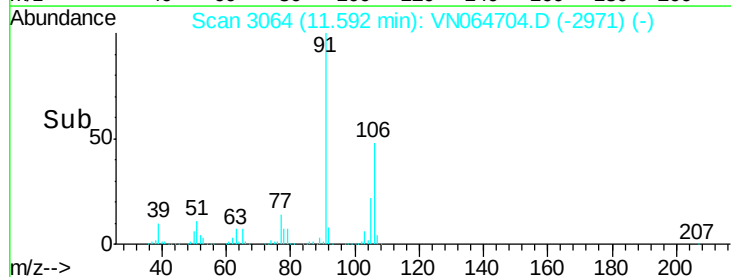
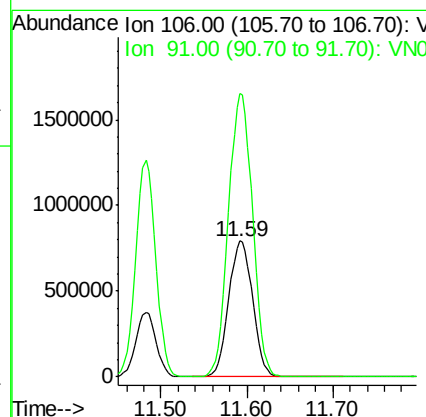
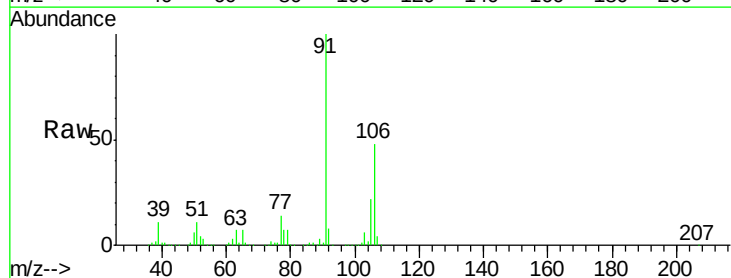
Manual Integrations
APPROVED

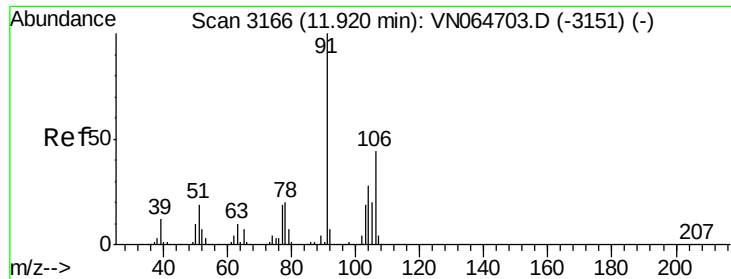
MMDadoda
11/19/2020 2:10:05 PM



#68
m/p-Xylenes
Concen: 227.233 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion: 106 Resp: 1527891
Ion Ratio Lower Upper
106 100
91 210.4 171.9 257.9





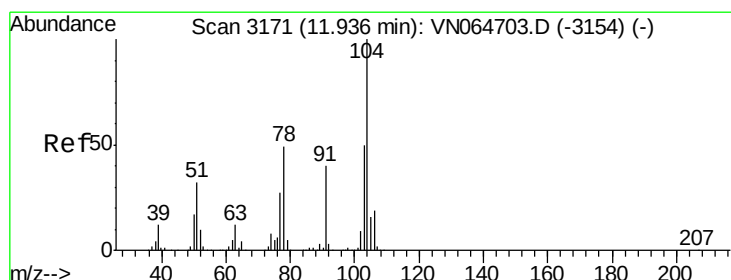
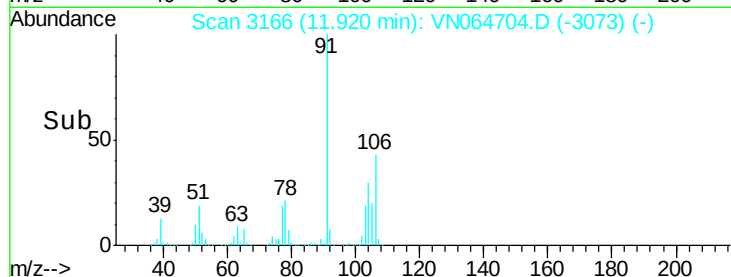
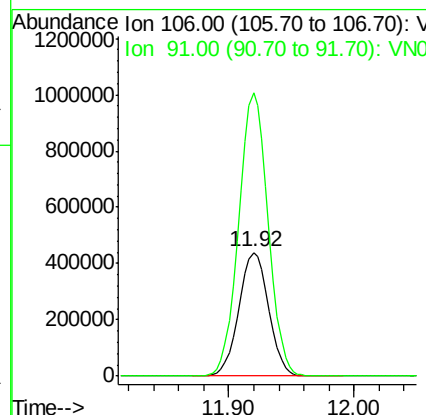
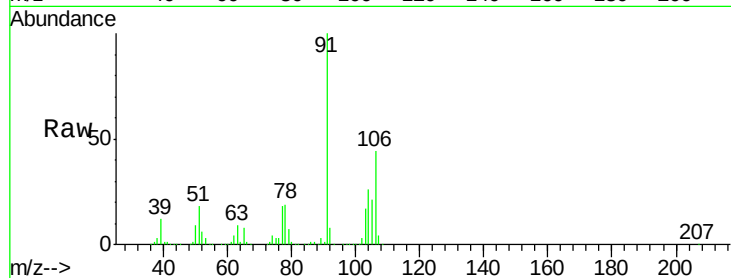
#69
o-Xylene
Concen: 111.887 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
726025	106	100		
	91	224.9	112.1	336.3

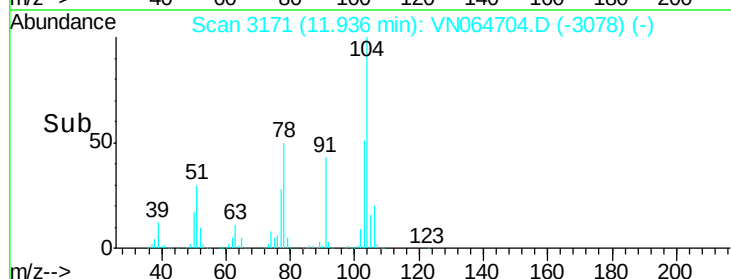
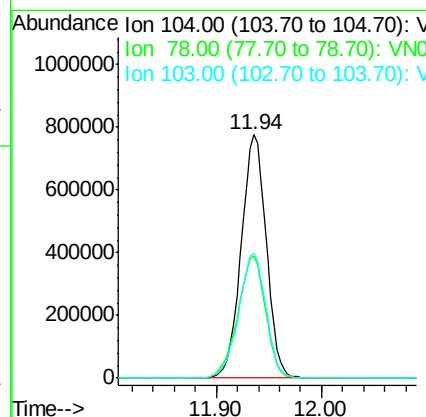
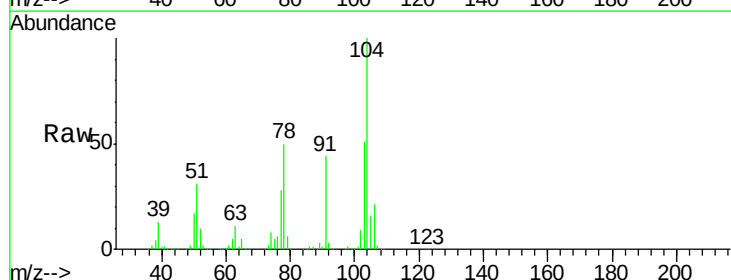
Manual Integrations
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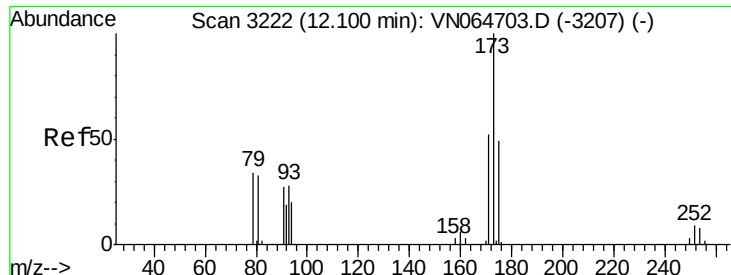
MMDadoda
11/19/2020 2:10:05 PM



#70
Styrene
Concen: 117.016 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion	Ion	Ratio	Lower	Upper
1279958	104	100		
	78	55.2	44.1	66.1
	103	55.7	43.7	65.5





#71

Bromoform

Concen: 118.484 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

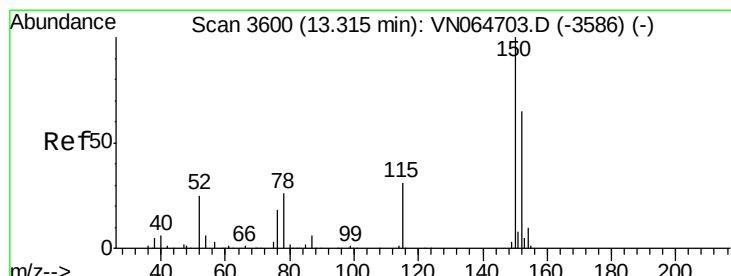
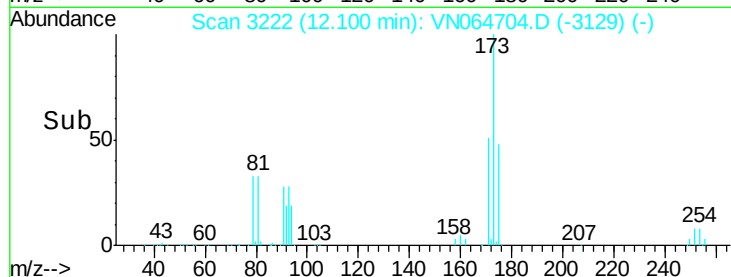
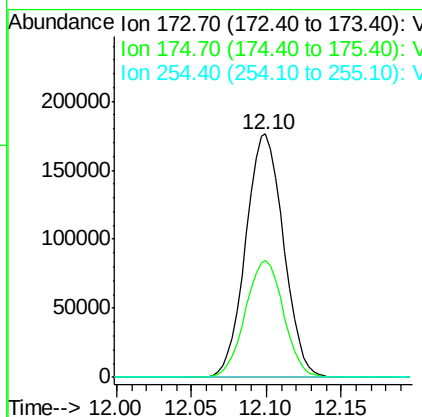
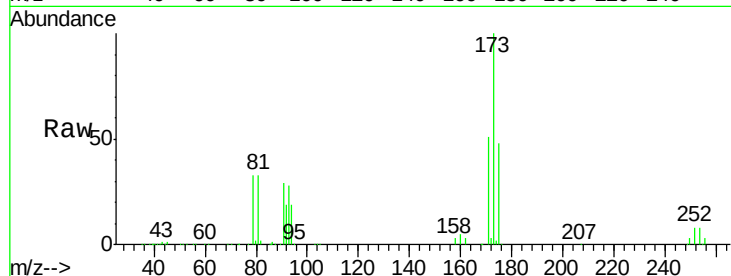
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.9
254	0.1	0.1	0.1

Manual Integrations
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11/19/2020 2:10:05 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

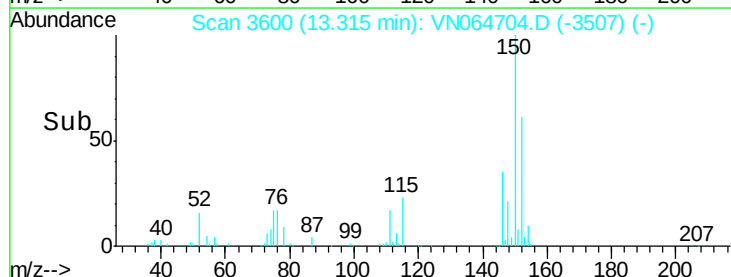
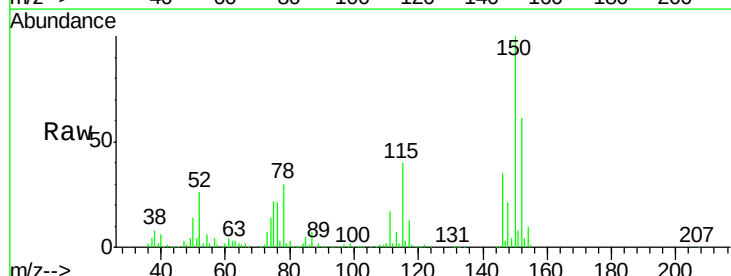
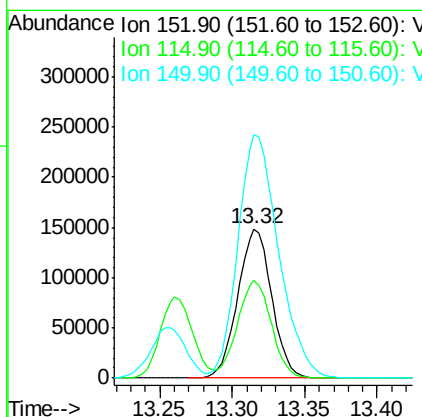
RT: 13.32 min Scan# 3600

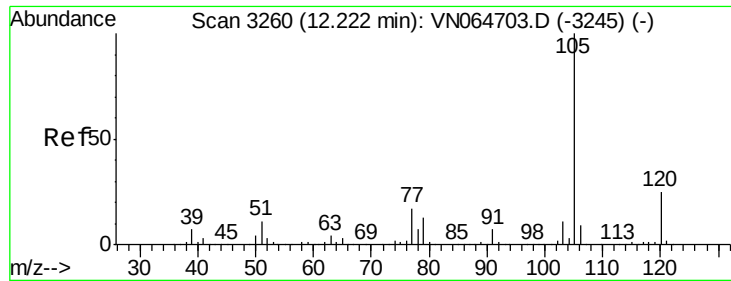
Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.4	32.1	96.3
150	195.7	0.0	344.8





#73

Isopropylbenzene

Concen: 103.144 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1925302

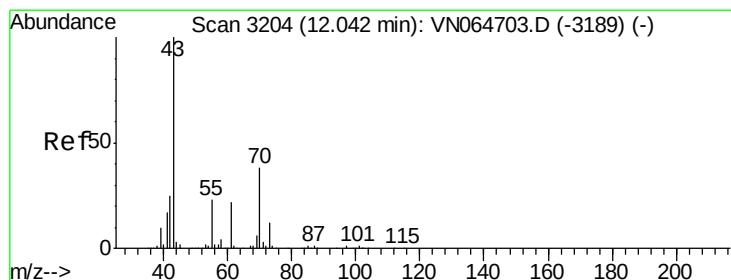
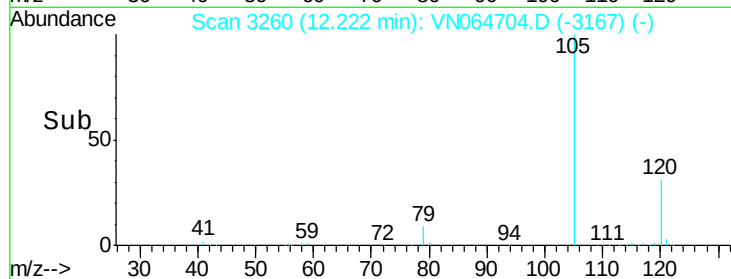
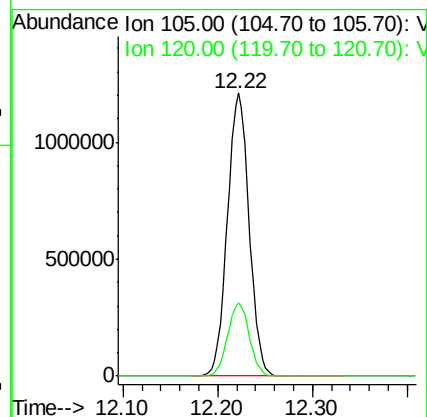
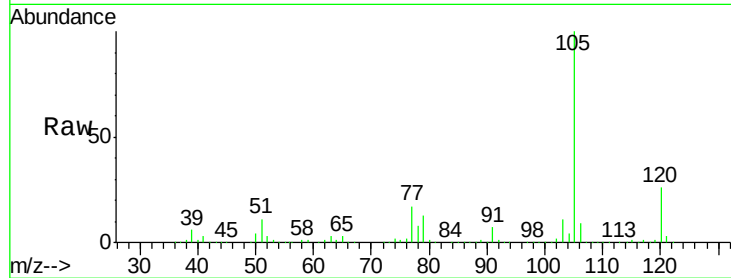
Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 113.447 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion: 43 Resp: 924635

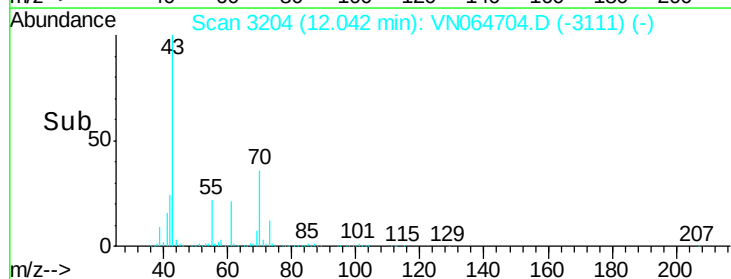
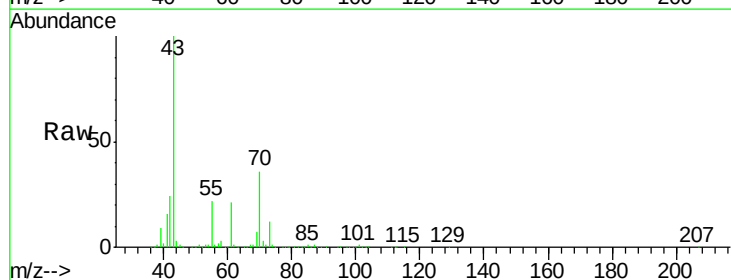
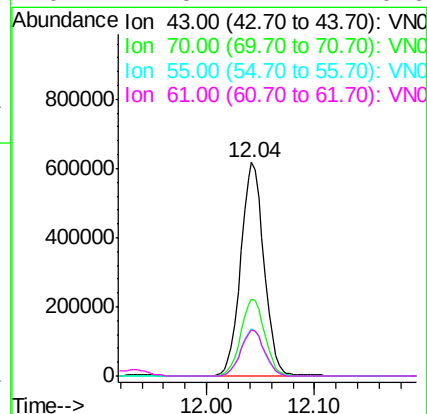
Ion Ratio Lower Upper

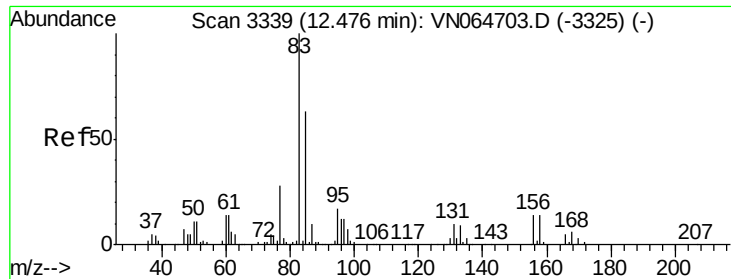
43 100

70 37.2 30.3 45.5

55 22.5 18.9 28.3

61 21.8 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 88.637 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

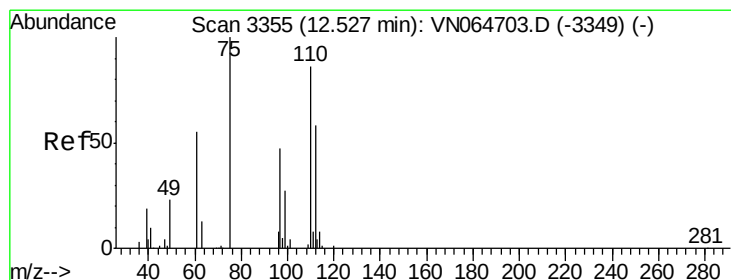
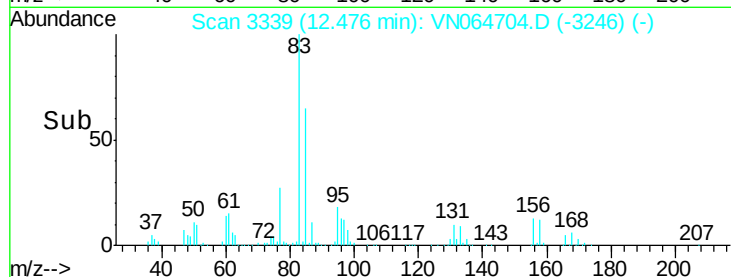
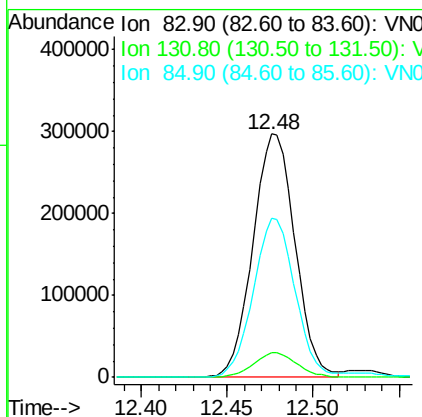
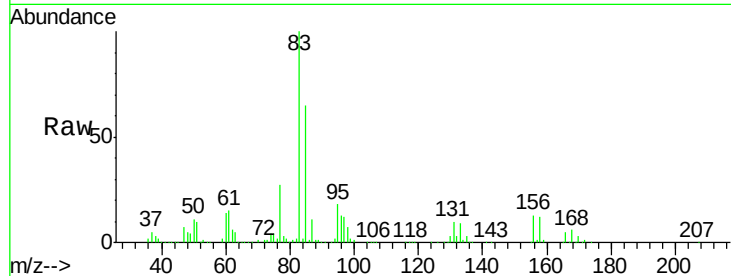
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	503828
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	15.0
85	64.9	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 92.475 ug/l m

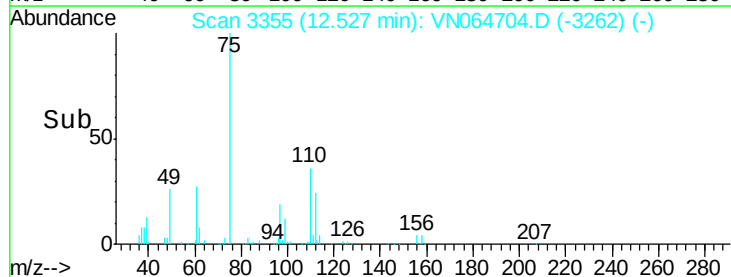
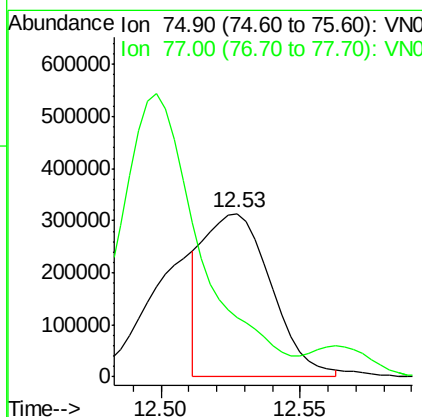
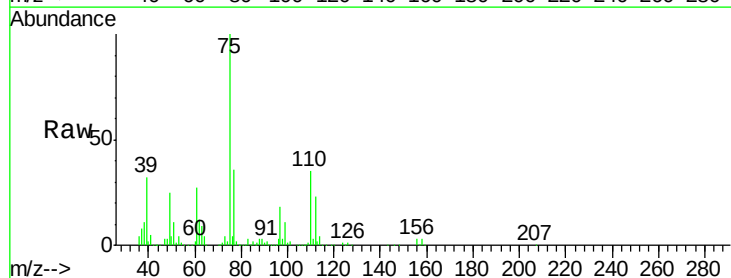
RT: 12.53 min Scan# 3355

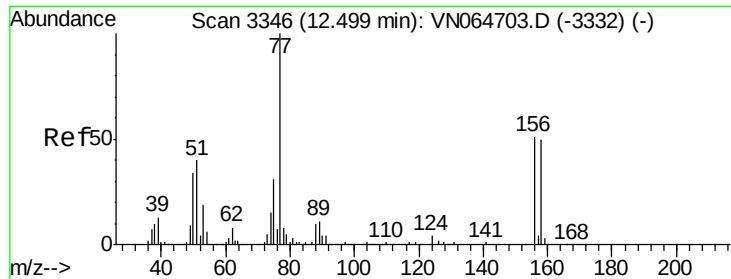
Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion:	75	Resp:	526782
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 101.228 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

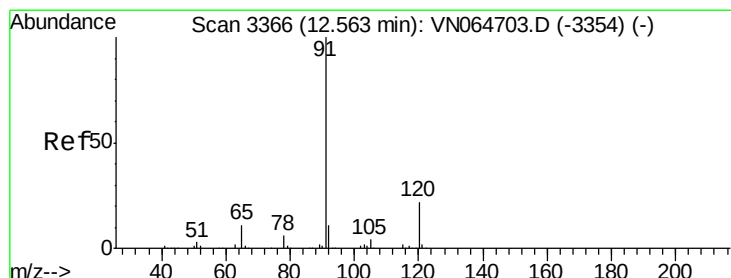
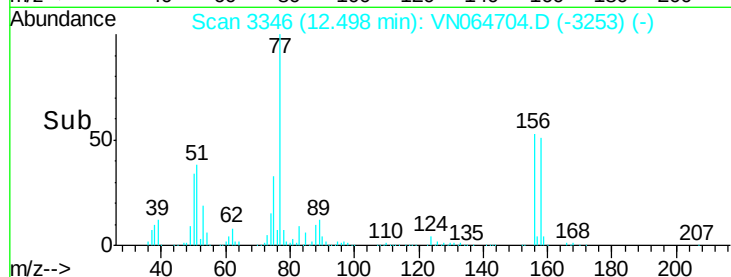
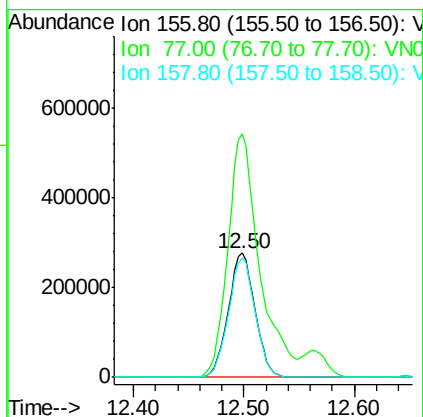
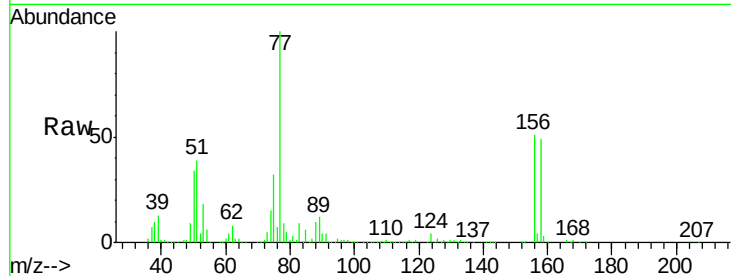
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	233.6	117.3	351.9
158	96.3	49.0	147.2

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#78

n-propylbenzene

Concen: 106.557 ug/l

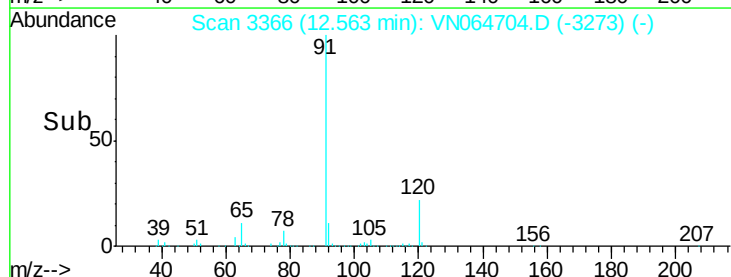
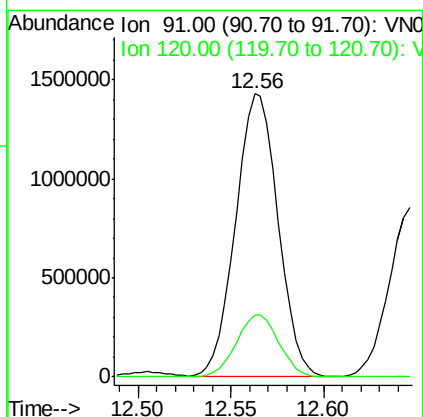
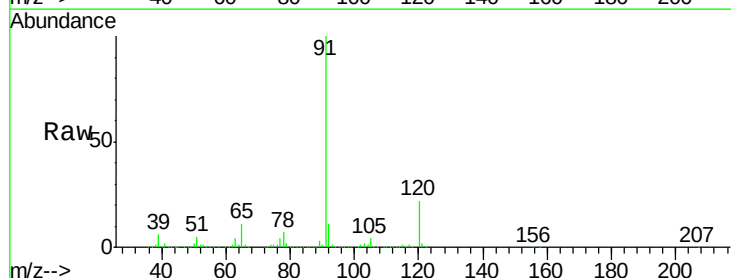
RT: 12.56 min Scan# 3366

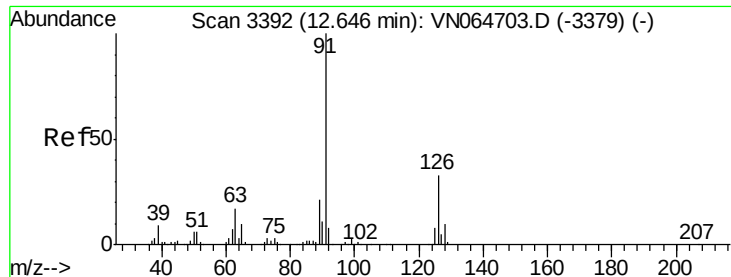
Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.9	32.9





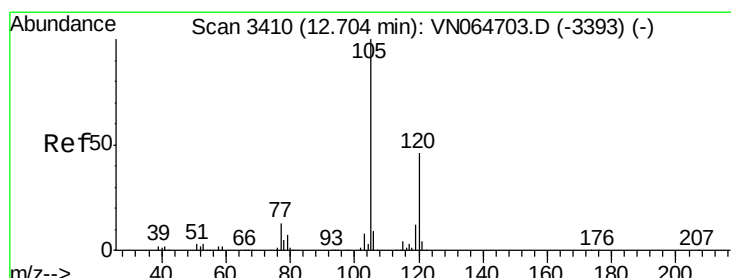
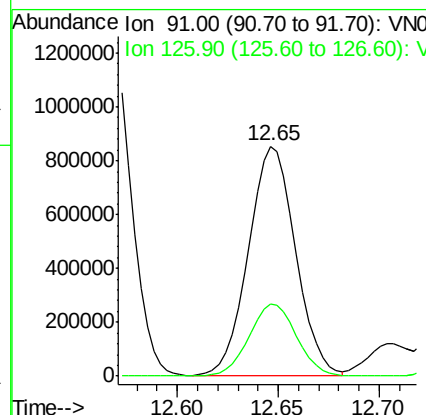
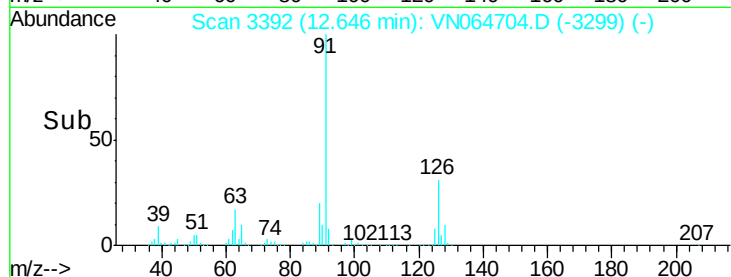
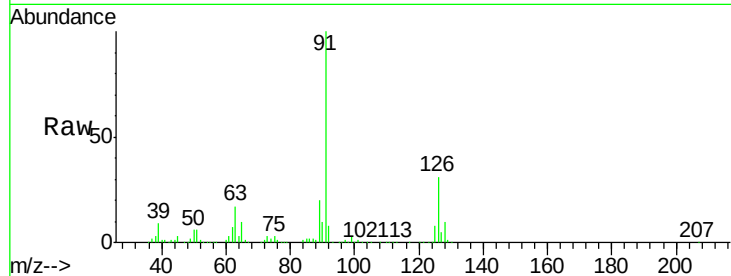
#79
 2-Chlorotoluene
 Concen: 102.964 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 1398554
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.0 48.0

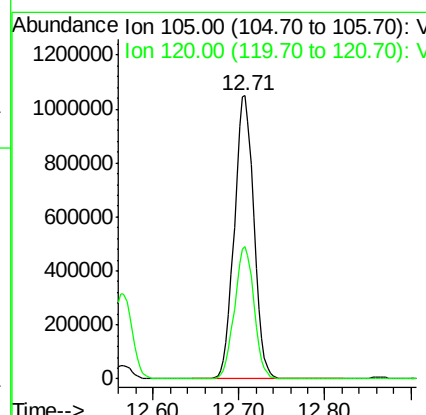
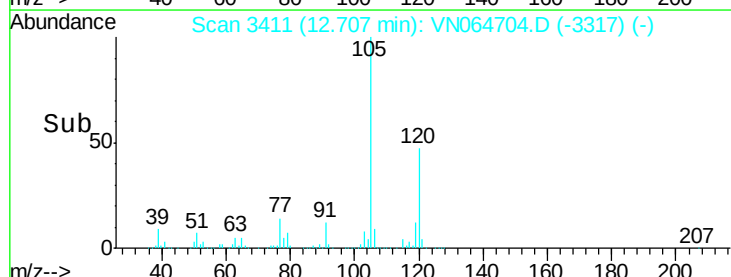
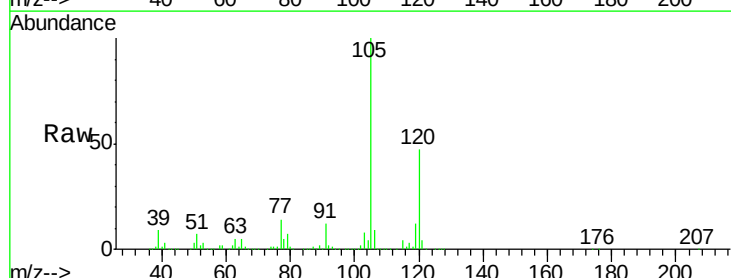
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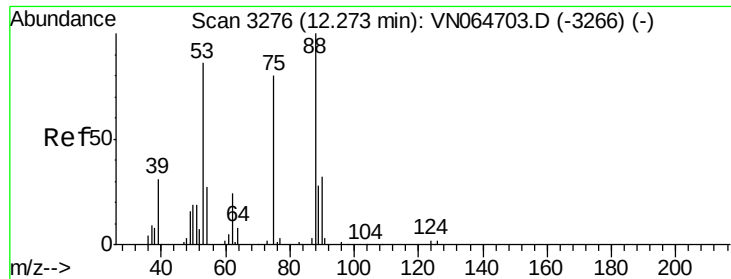
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#80
 1,3,5-Trimethylbenzene
 Concen: 106.636 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion: 105 Resp: 1648959
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.8





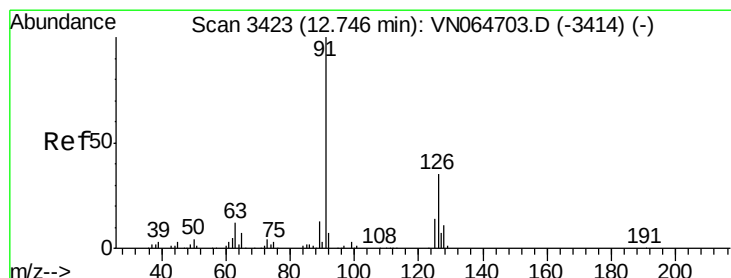
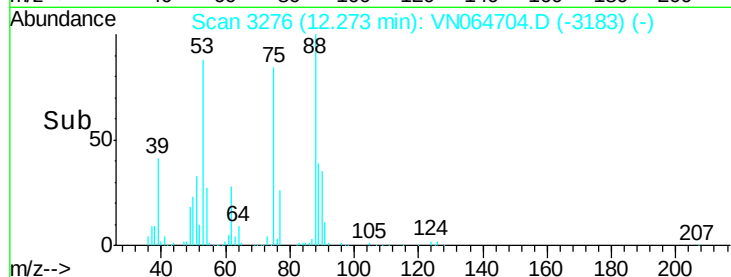
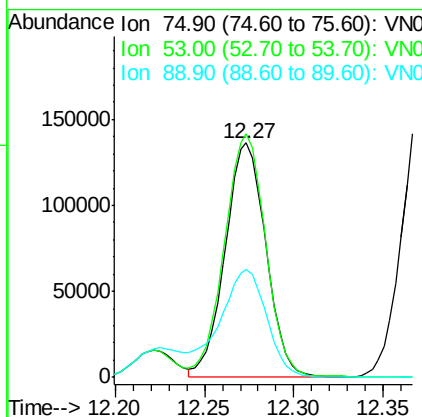
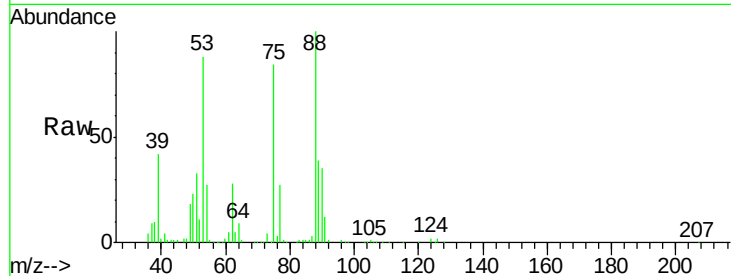
#81
trans-1,4-Dichloro-2-butene
Concen: 107.107 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.5	88.8	133.2
89	53.0	43.1	64.7

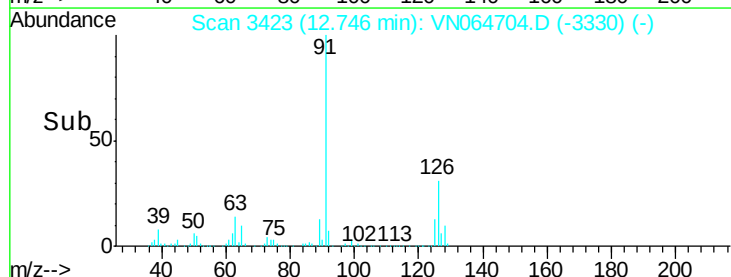
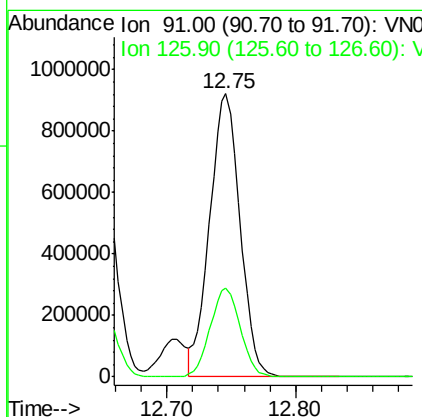
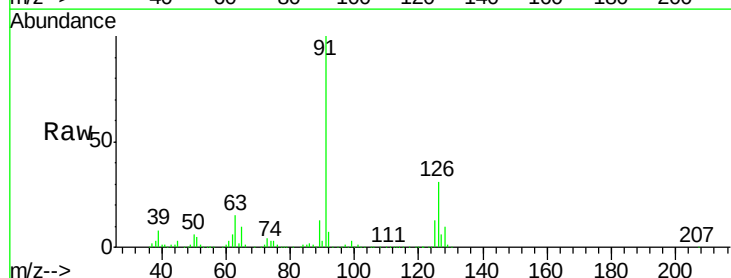
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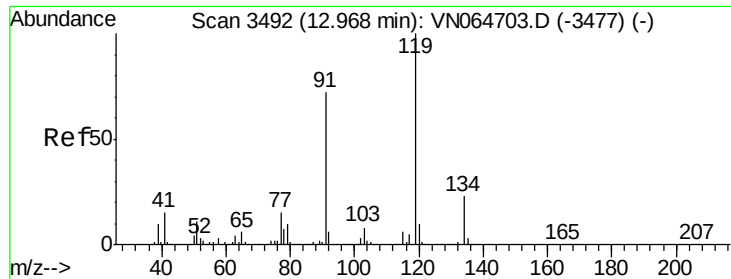
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#82
4-Chlorotoluene
Concen: 105.652 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064704.D
Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.9	47.7





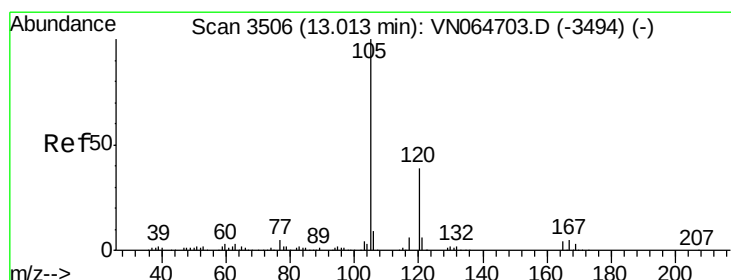
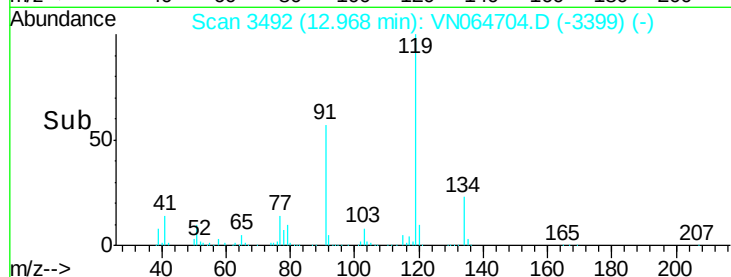
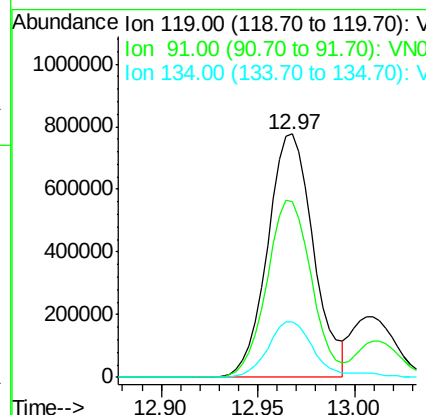
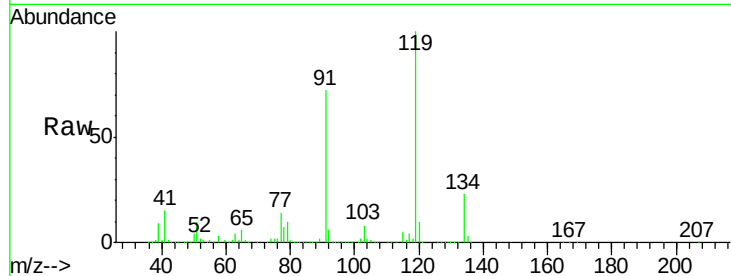
#83
 tert-Butylbenzene
 Concen: 105.750 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:119 Resp: 1279637
 Ion Ratio Lower Upper
 119 100
 91 70.7 35.8 107.4
 134 22.2 12.0 36.1

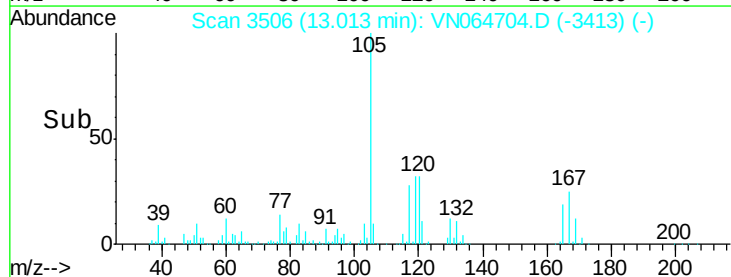
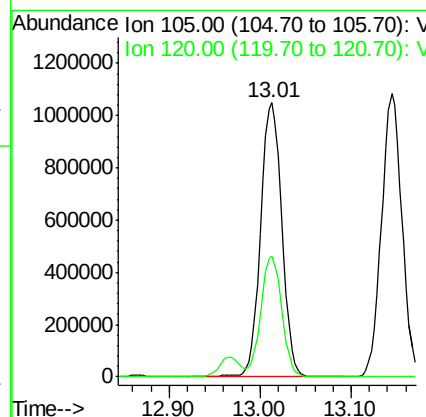
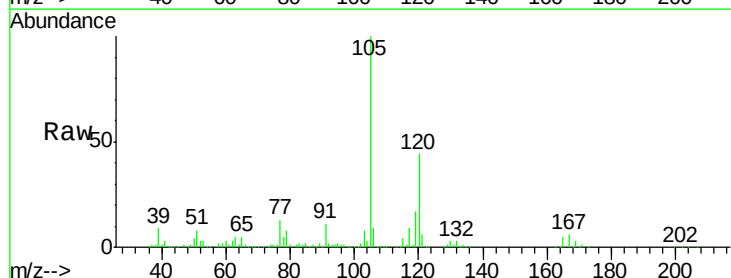
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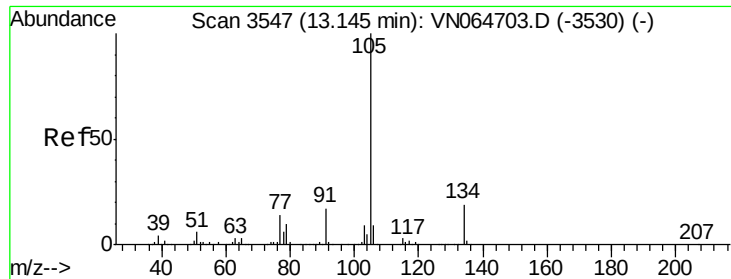
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#84
 1,2,4-Trimethylbenzene
 Concen: 109.754 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion:105 Resp: 1702759
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 110.100 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1688195

Ion Ratio Lower Upper

105 100

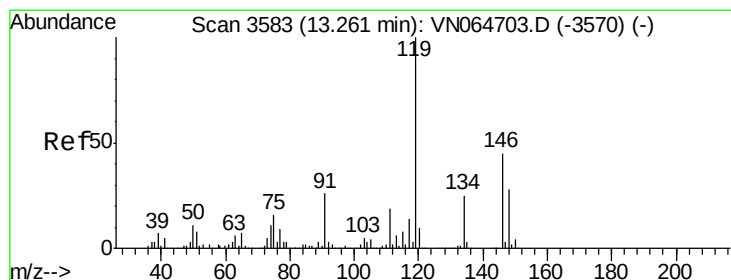
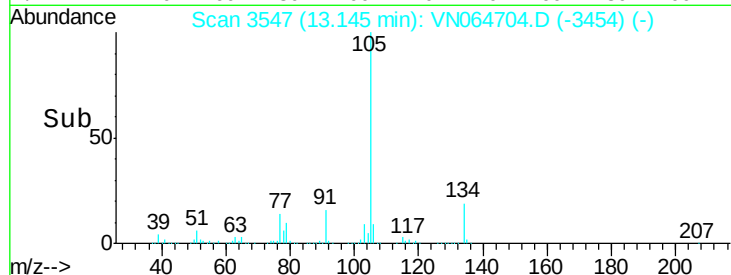
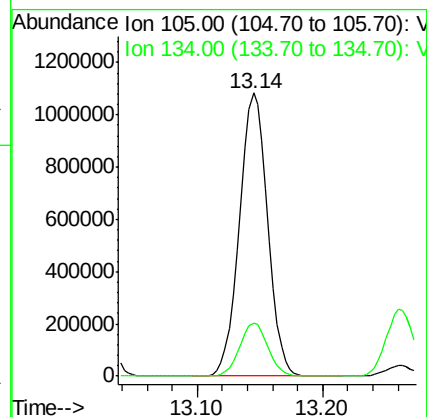
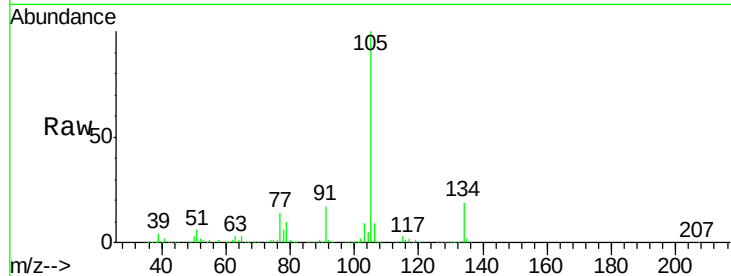
134 18.8 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 115.401 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

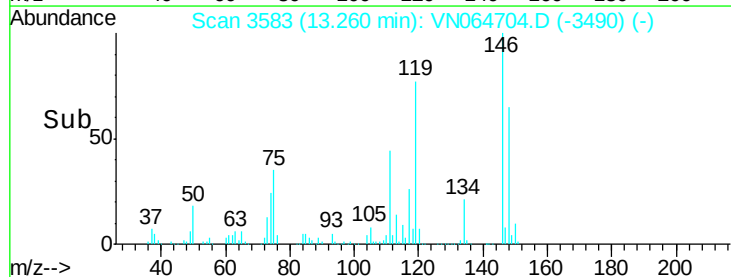
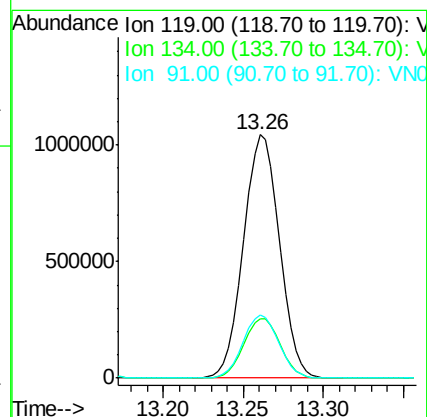
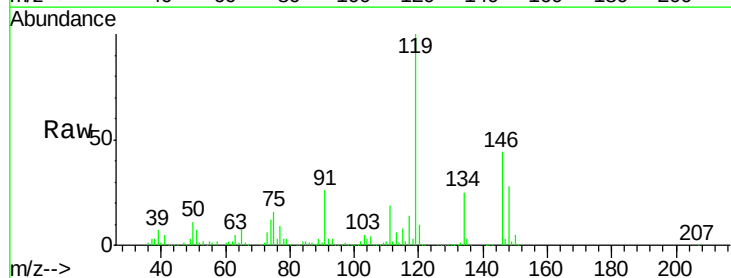
Tgt Ion:119 Resp: 1596323

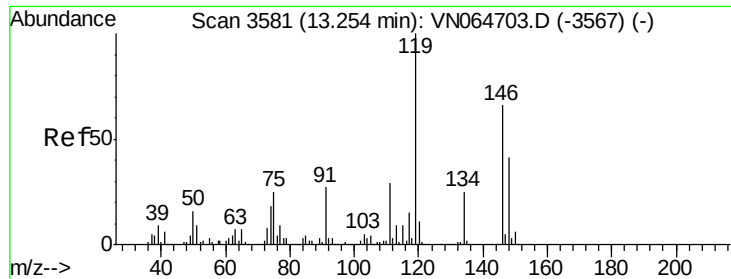
Ion Ratio Lower Upper

119 100

134 24.9 12.7 38.0

91 25.7 13.3 39.8





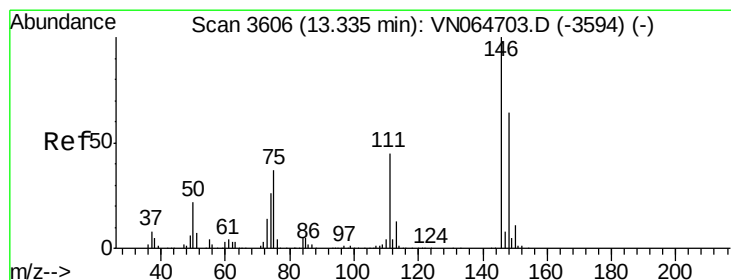
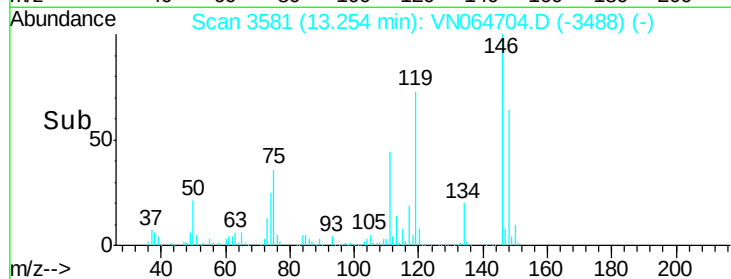
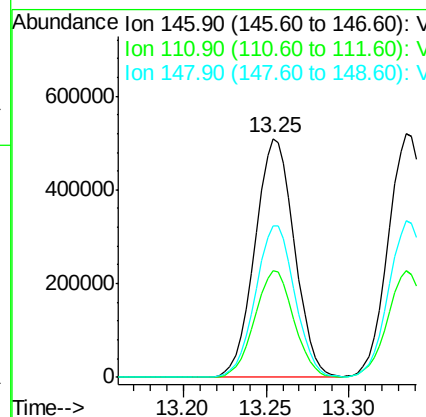
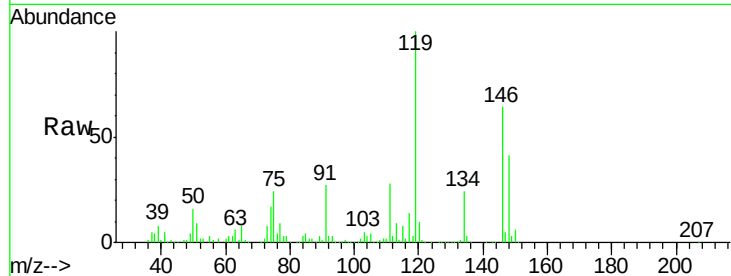
#87
 1,3-Dichlorobenzene
 Concen: 106.202 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.8	65.4
148	63.5	31.5	94.5

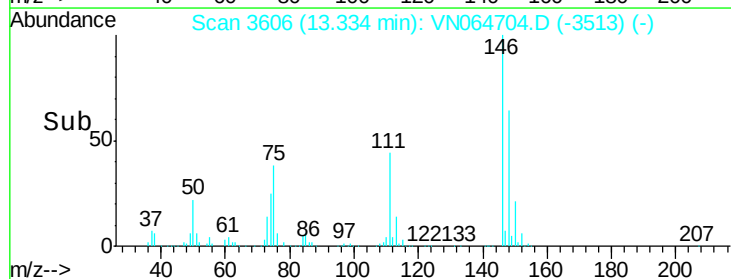
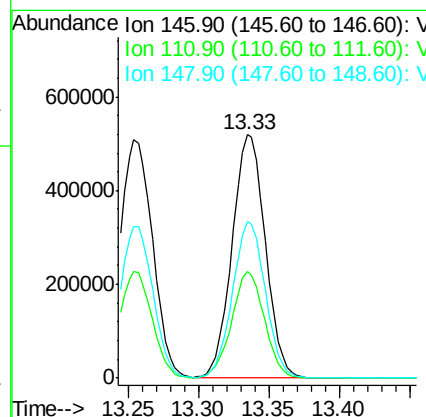
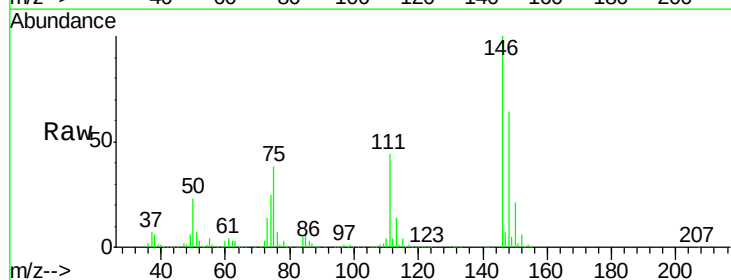
Manual Integrations
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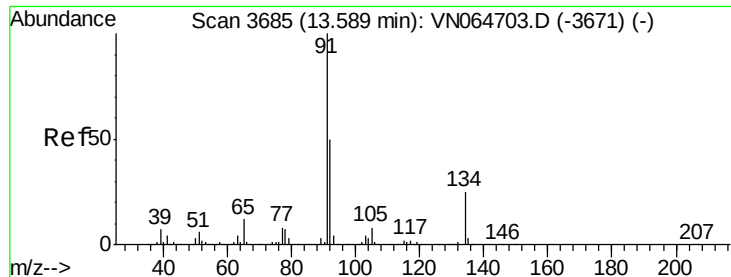
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#88
 1,4-Dichlorobenzene
 Concen: 103.898 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.3	66.8
148	63.5	31.6	94.7





#89

n-Butylbenzene

Concen: 120.131 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1438124

Ion Ratio Lower Upper

91 100

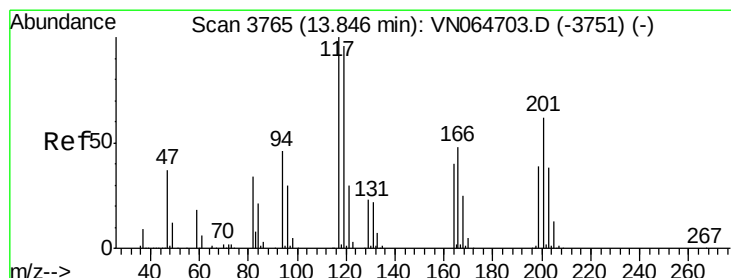
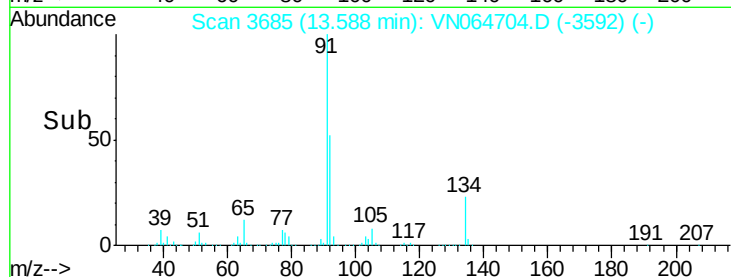
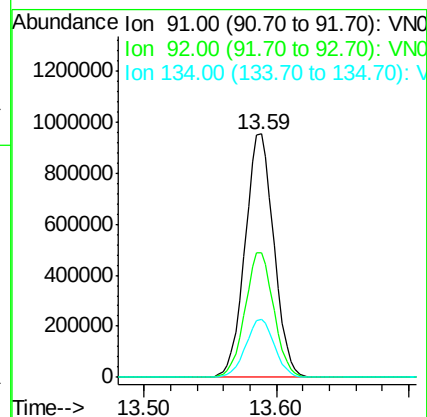
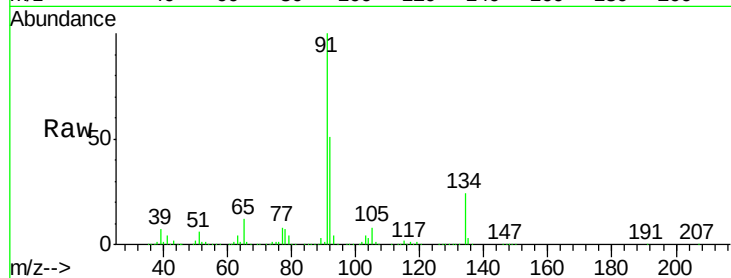
92 51.0 24.9 74.8

134 23.8 12.0 36.0

Manual Integrations
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#90

Hexachloroethane

Concen: 98.640 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064704.D

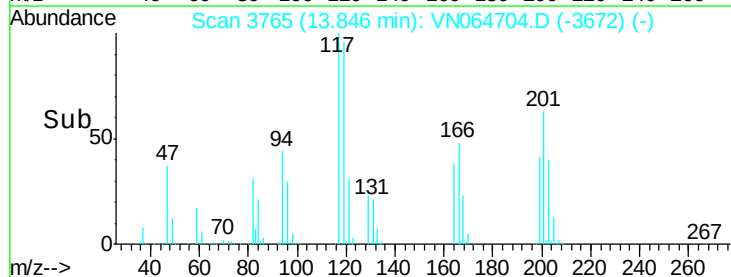
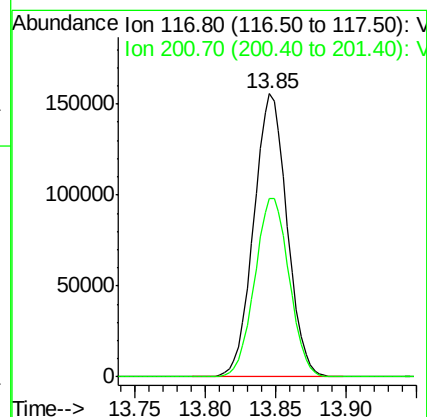
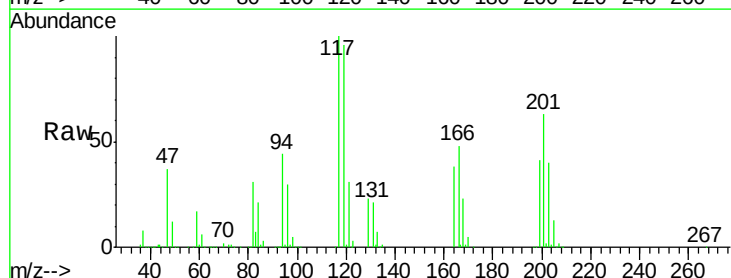
Acq: 18 Nov 2020 13:25

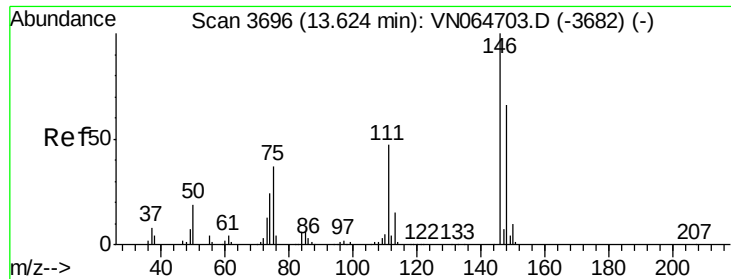
Tgt Ion: 117 Resp: 257515

Ion Ratio Lower Upper

117 100

201 65.2 31.9 95.5





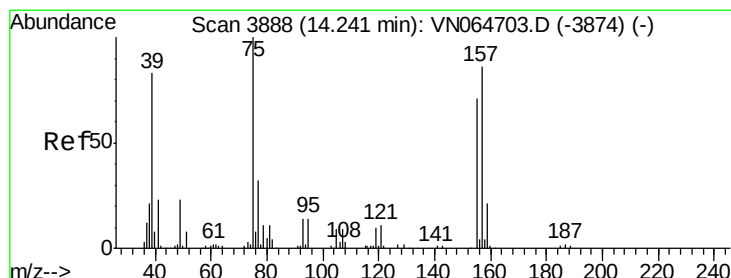
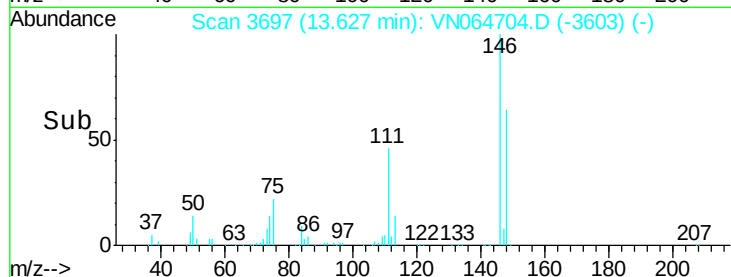
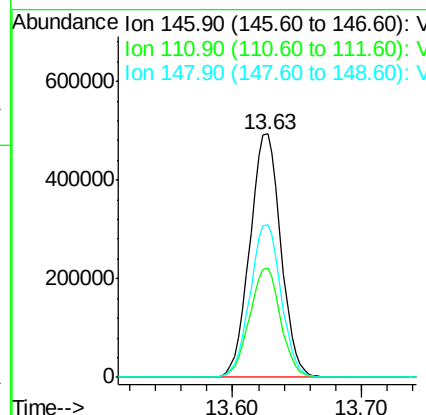
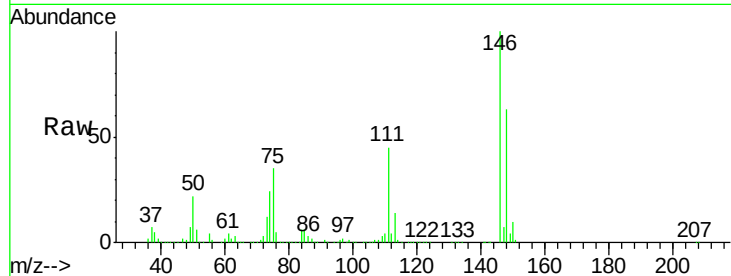
#91
 1,2-Dichlorobenzene
 Concen: 108.361 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	23.1	69.3
148	62.8	32.2	96.6

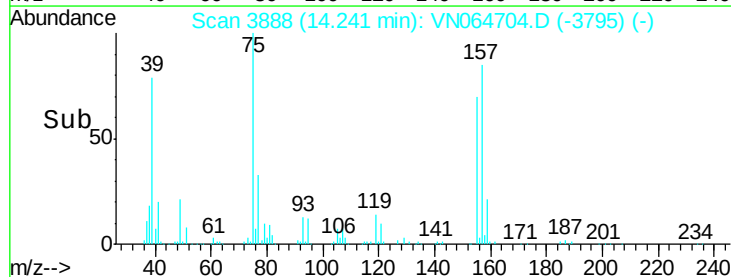
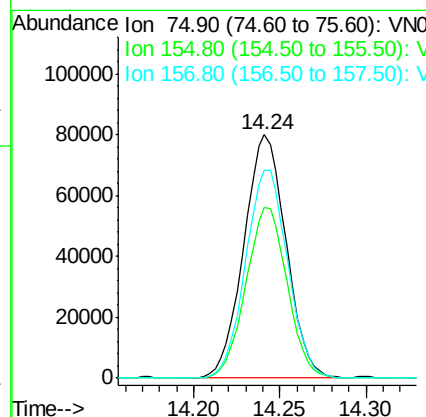
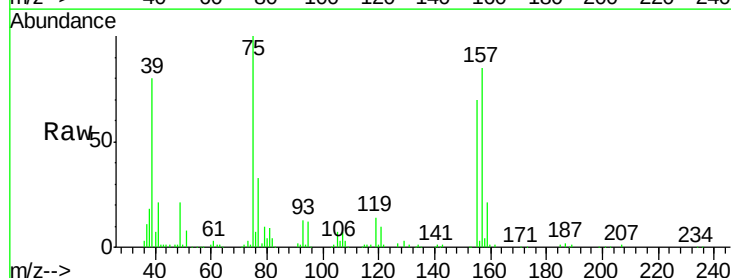
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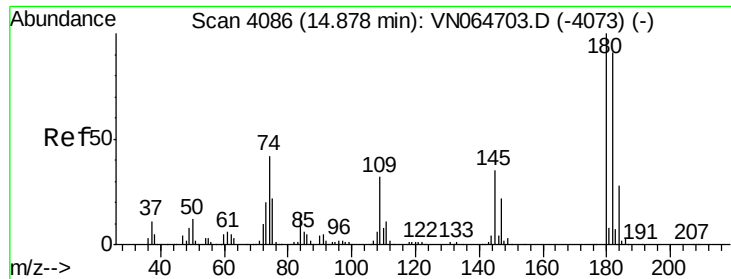
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 117.605 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.4	33.6	100.6
157	85.1	42.4	127.2





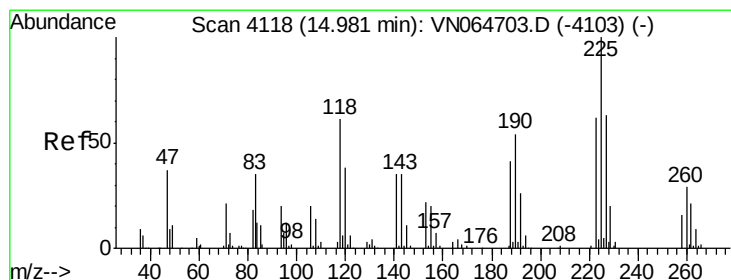
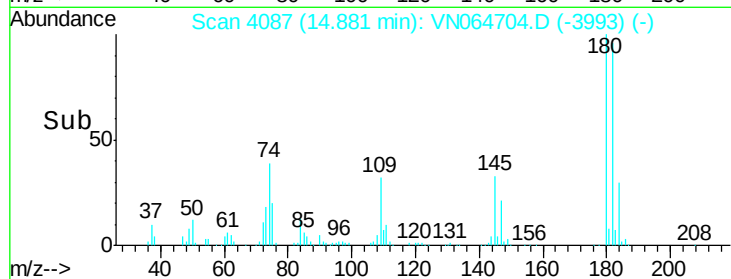
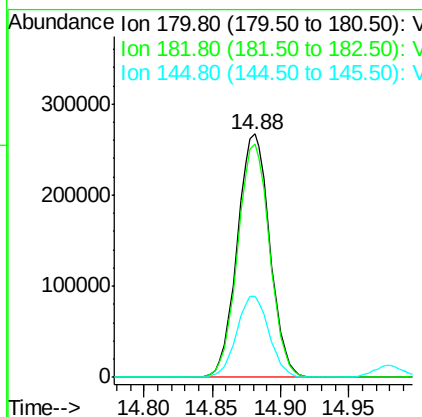
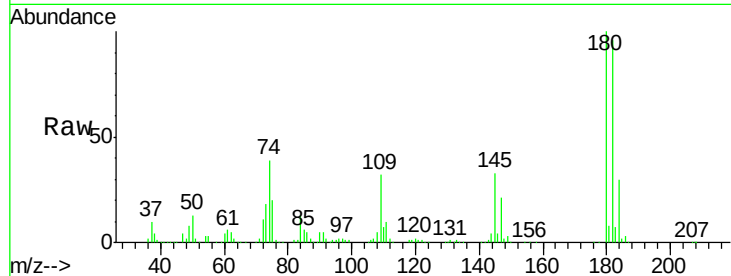
#93
 1,2,4-Trichlorobenzene
 Concen: 138.165 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	441959		
182	94.2	47.3	141.8	
145	33.2	17.5	52.5	

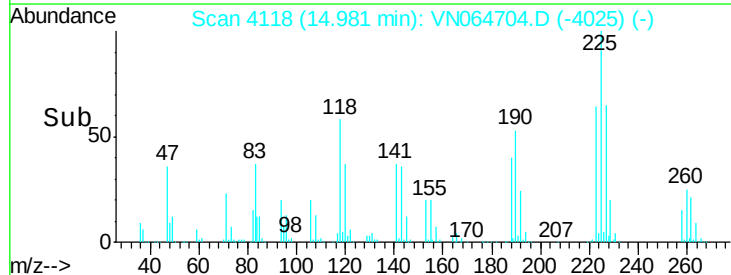
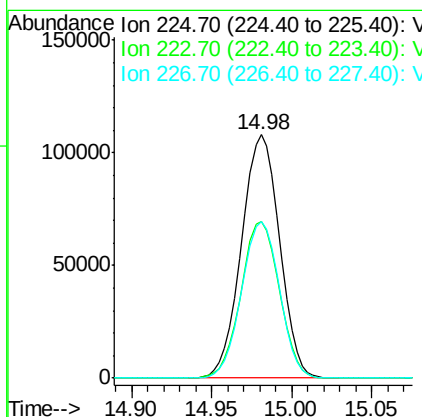
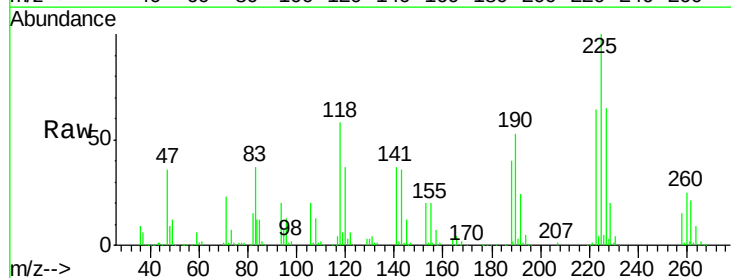
Manual Integrations
 APPROVED

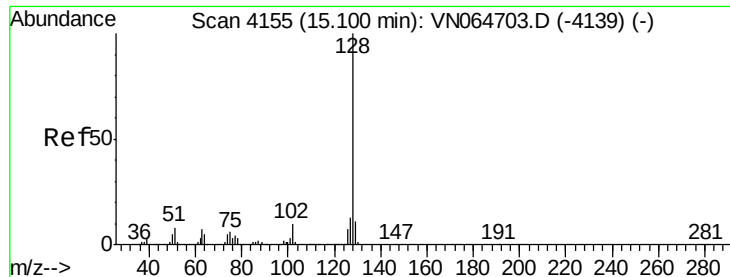
MMDadoda
 11/19/2020 2:10:05 PM



#94
 Hexachlorobutadiene
 Concen: 111.218 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064704.D
 Acq: 18 Nov 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	175592		
223	64.6	31.2	93.6	
227	64.0	32.1	96.3	





#95

Naphthalene

Concen: 146.068 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 1540037

Ion Ratio Lower Upper

128 100

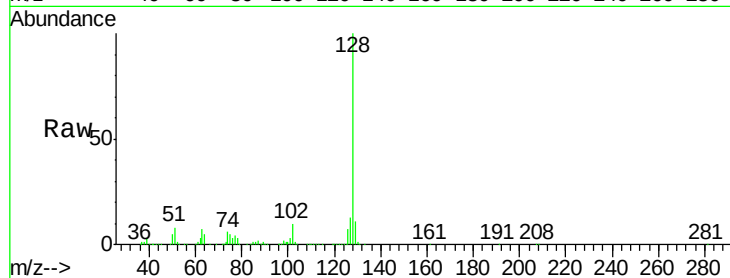
127 13.0 10.8 16.2

129 10.8 8.9 13.3

Manual Integrations
APPROVED

MMDadoda

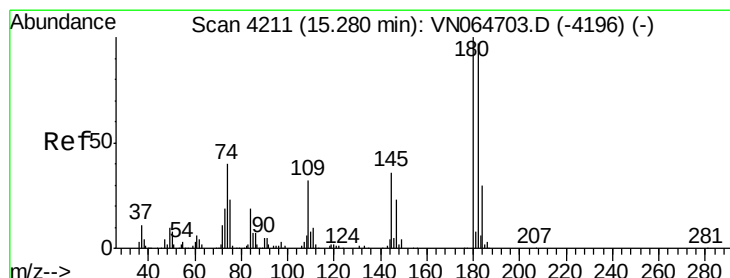
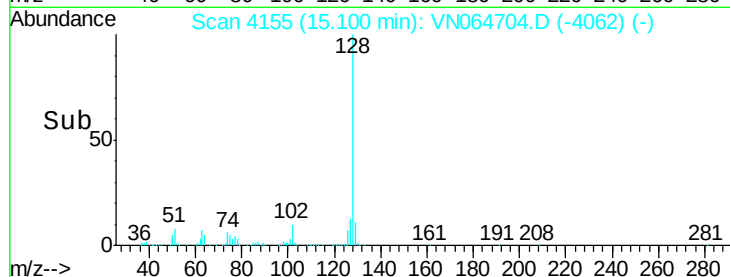
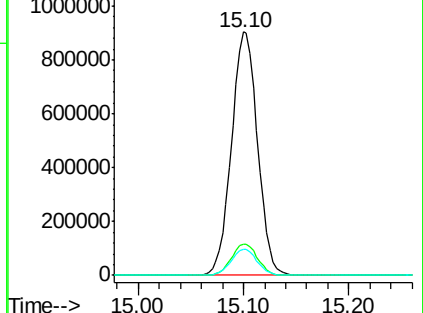
11/19/2020 2:10:05 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 132.130 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064704.D

Acq: 18 Nov 2020 13:25

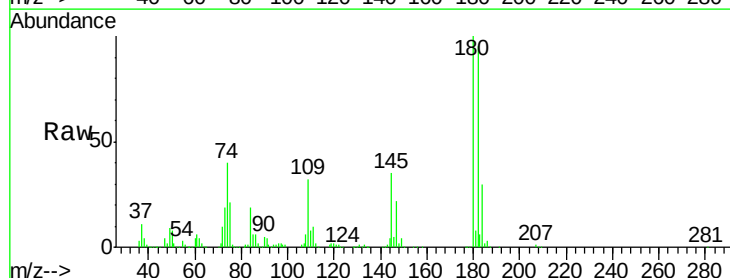
Tgt Ion:180 Resp: 421802

Ion Ratio Lower Upper

180 100

182 93.9 47.5 142.5

145 35.0 18.1 54.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

