

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110220\
 Data File : VN064413.D
 Acq On : 2 Nov 2020 14:14
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 11/3/2020 2:20:43 PM

Quant Time: Nov 02 15:16:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 02 15:04:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	54895	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	308656	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	283707	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	141189	29.10	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.00%
60) 4-Bromofluorobenzene	12.38	95	139515	28.03	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.43%
63) Toluene-d8	10.06	98	375604	29.79	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	70685	16.380	ug/l 100
3) Chloromethane	2.04	50	69297	16.904	ug/l 100
4) Vinyl Chloride	2.16	62	71629	17.771	ug/l 100
5) Bromomethane	2.54	94	47201	18.832	ug/l 100
6) Chloroethane	2.68	64	42344	18.620	ug/l 100
7) Trichlorofluoromethane	2.99	101	124006	19.687	ug/l 100
8) Diethyl Ether	3.37	74	35824	18.069	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	59640	18.585	ug/l 100
10) 1,1-Dichloroethene	3.70	96	55261	18.096	ug/l 100
11) Methyl Iodide	3.91	142	71185	16.426	ug/l 100
12) Methyl Acetate	4.28	43	59329	16.579	ug/l 100
13) Acrolein	3.57	56	28809m	109.387	ug/l 100
14) Acrylonitrile	4.93	53	130822	83.589	ug/l 100
15) Acetone	3.77	58	54671	116.305	ug/l 100
16) Carbon Disulfide	4.01	76	157584	17.360	ug/l 100
17) Allyl chloride	4.28	41	95893	16.609	ug/l 100
18) Methylene Chloride	4.50	84	64989	18.578	ug/l 100
19) trans-1,2-Dichloroethene	4.99	96	61213	18.205	ug/l 100
20) Diisopropyl ether	5.90	45	213879	18.179	ug/l 100
21) 1,1-Dichloroethane	5.80	63	120251	18.226	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	73011	18.860	ug/l 100
23) tert-Butyl Alcohol	4.73	59	51700	73.891	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	200668	17.517	ug/l 100
25) Chloroform	7.33	83	129926	18.977	ug/l 100
26) Cyclohexane	7.61	56	92006	17.146	ug/l 100
29) 1,1-Dichloropropene	7.75	75	90280	17.256	ug/l 100
30) 2-Butanone	6.78	43	225842	91.014	ug/l 100
31) 2,2-Dichloropropane	6.77	77	113489	17.982	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	123109	18.573	ug/l 100
33) Carbon Tetrachloride	7.73	117	110399	18.243	ug/l 100
34) Benzene	8.00	78	262564	18.473	ug/l 100
35) Methacrylonitrile	7.12	41	38550	15.271	ug/l 100
36) 1,2-Dichloroethane	8.08	62	112833	18.101	ug/l 100
37) Trichloroethene	8.80	130	71567	18.402	ug/l 100
38) Methylcyclohexane	9.05	83	82292	16.338	ug/l 100
39) 1,2-Dichloropropane	9.08	63	66983	17.748	ug/l 100
40) Dibromomethane	9.17	93	49230	18.537	ug/l 100

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

41) Bromodichloromethane	9.37	83	104607	18.269	ug/l	100
42) Vinyl Acetate	5.84	43	886259	84.896	ug/l	100
43) Ethyl Acetate	6.88	43	72422	14.905	ug/l	100
44) Isopropyl Acetate	8.12	43	146698	16.194	ug/l #	73
45) 1,4-Dioxane	9.16	88	20059	291.889	ug/l	100
46) Methyl methacrylate	9.16	41	71436	16.189	ug/l	100
47) n-amyl Acetate	12.04	43	120384	15.785	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	109071	17.159	ug/l	100
49) cis-1,3-Dichloropropene	9.80	75	115448	17.607	ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	65949	18.574	ug/l	100
51) Ethyl methacrylate	10.40	69	89441	16.416	ug/l	100
52) 1,3-Dichloropropane	10.68	76	112641	18.127	ug/l	100
53) Dibromochloromethane	10.87	129	77638	17.932	ug/l	100
54) 1,2-Dibromoethane	10.97	107	69588	18.363	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	233757	85.745	ug/l	100
56) Bromoform	12.10	173	52136	17.014	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	420999	82.855	ug/l	100
59) 2-Hexanone	10.72	43	324955	84.918	ug/l	100
61) Tetrachloroethene	10.60	164	72040	18.973	ug/l	100
62) Toluene	10.12	91	292504	18.670	ug/l	100
64) Chlorobenzene	11.40	112	182381	18.644	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	72809	18.867	ug/l	100
66) Ethyl Benzene	11.48	91	321269	18.125	ug/l	100
67) m/p-Xylenes	11.59	106	240752	36.672	ug/l	100
68) o-Xylene	11.92	106	115957	17.996	ug/l	100
69) Styrene	11.94	104	187099	17.553	ug/l	100
70) Isopropylbenzene	12.22	105	301556	17.779	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	85141	17.781	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	86126m	17.375	ug/l	
73) Bromobenzene	12.50	156	78744	18.711	ug/l	100
74) n-propylbenzene	12.56	91	327764	17.069	ug/l	100
75) 2-Chlorotoluene	12.65	91	212607	17.829	ug/l	100
76) 1,3,5-Trimethylbenzene	12.70	105	244325	17.150	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	29670	15.936	ug/l	100
78) 4-Chlorotoluene	12.75	91	214801	17.257	ug/l	100
79) tert-butylbenzene	12.97	119	200319	17.018	ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	249637	17.347	ug/l	100
81) sec-Butylbenzene	13.14	105	248070	16.360	ug/l	100
82) p-Isopropyltoluene	13.26	119	225162	16.200	ug/l	100
83) 1,3-Dichlorobenzene	13.25	146	128621	17.706	ug/l	100
84) 1,4-Dichlorobenzene	13.33	146	130446	17.839	ug/l	100
85) n-Butylbenzene	13.59	91	180599	15.029	ug/l	100
86) Hexachloroethane	13.85	117	41111	15.965	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	128662	17.976	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.24	75	17488	14.881	ug/l	100
89) 1,2,4-Trichlorobenzene	14.88	180	58727	14.858	ug/l	100
90) Hexachlorobutadiene	14.98	225	32775	15.382	ug/l	100
91) Naphthalene	15.10	128	165266	14.135	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	55424	14.644	ug/l	100

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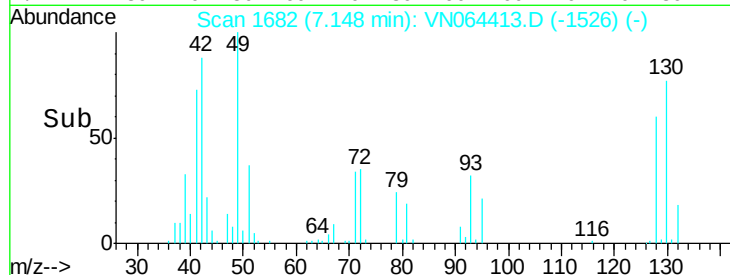
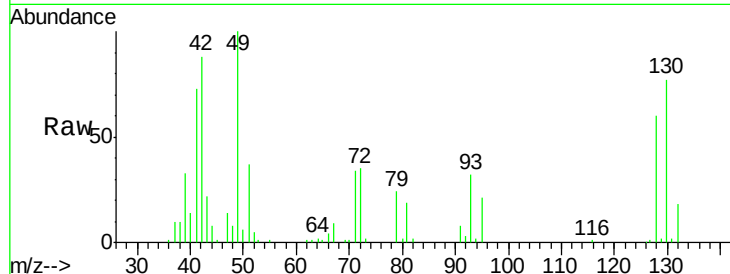
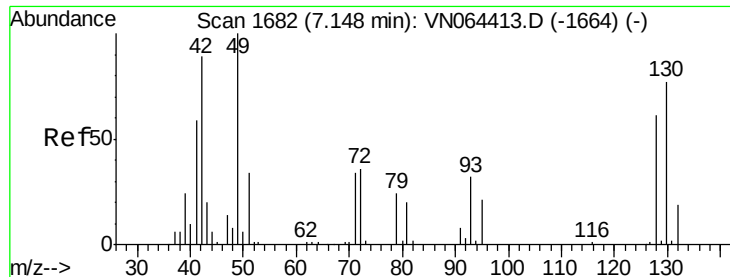
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QLast Update : Mon Nov 02 15:04:18 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Tot Ion:	128	Resp:	54895
Ion	Ratio	Lower	Upper
128	100		
49	169.4	0.0	423.5
130	130.0	0.0	325.0

Instrument :

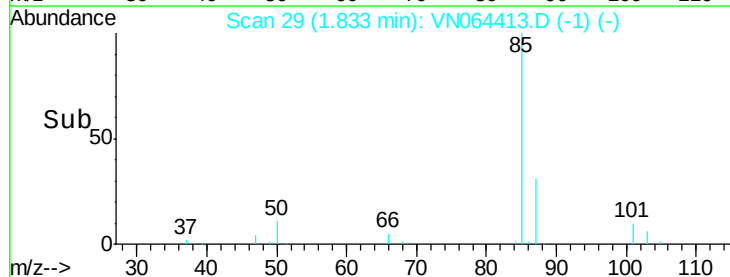
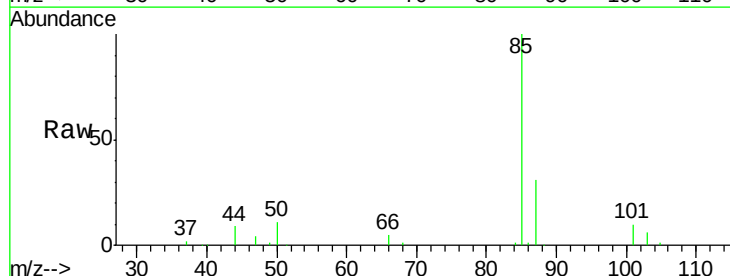
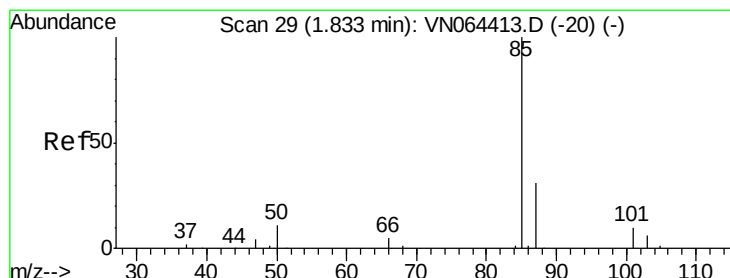
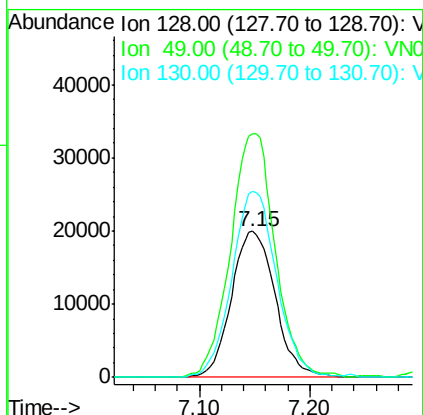
MSVOA_N

ClientSampleId :

VSTDICCC020

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#2

Dichlorodifluoromethane

Concen: 16.380 ug/l

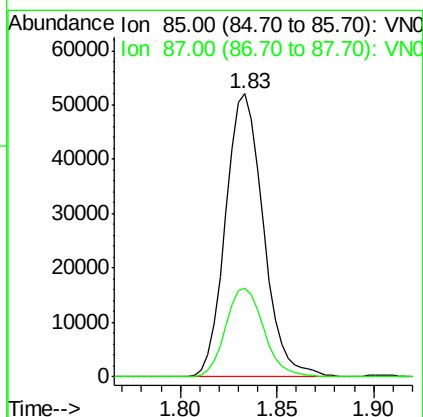
RT: 1.83 min Scan# 29

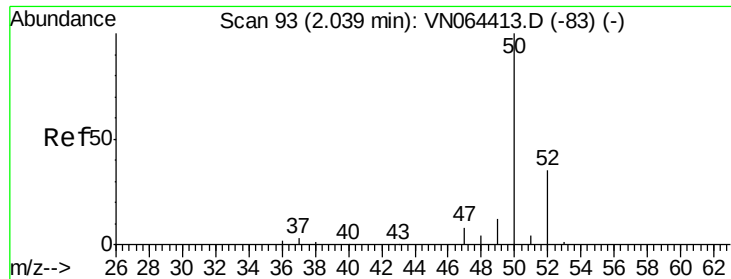
Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Tgt Ion:	85	Resp:	70685
Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.7	47.1





#3

Chloromethane

Concen: 16.904 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

Tot Ion: 50 Resp: 69297

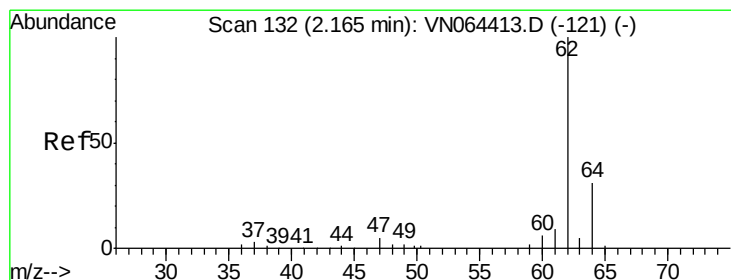
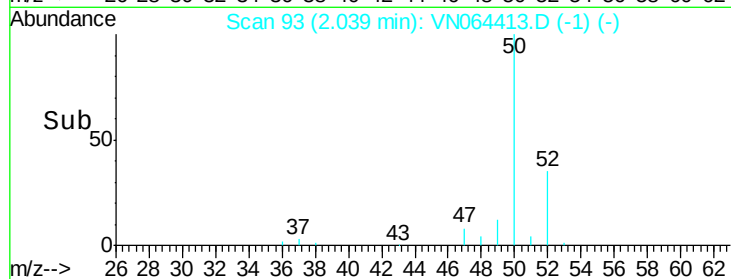
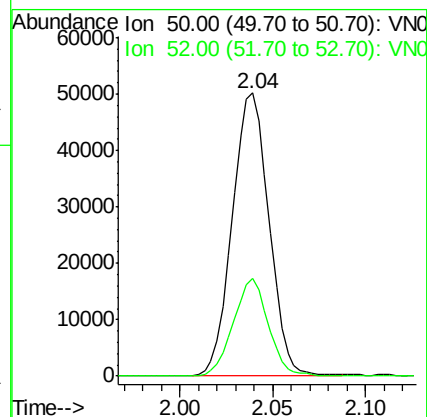
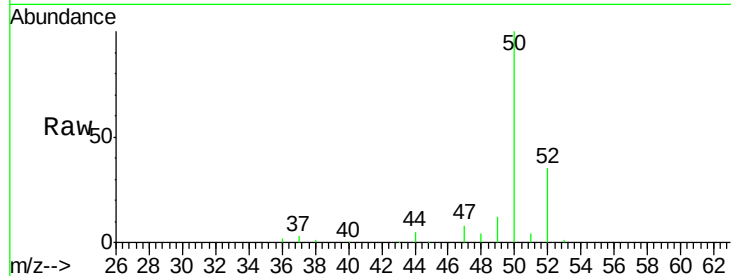
Ion Ratio Lower Upper

50 100

52 34.6 27.7 41.5

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#4

Vinyl Chloride

Concen: 17.771 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064413.D

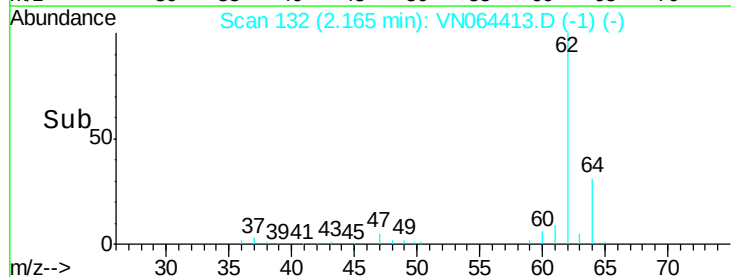
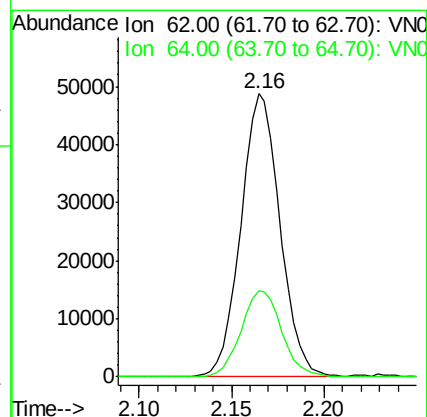
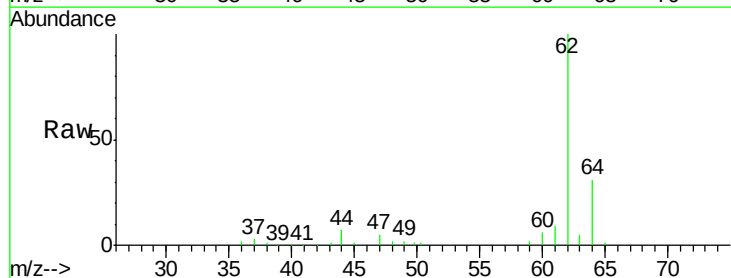
Acq: 2 Nov 2020 14:14

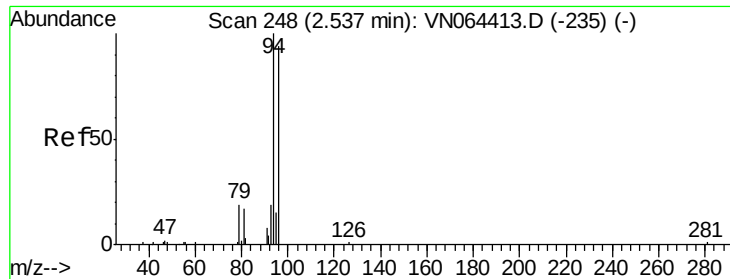
Tgt Ion: 62 Resp: 71629

Ion Ratio Lower Upper

62 100

64 30.6 24.5 36.7





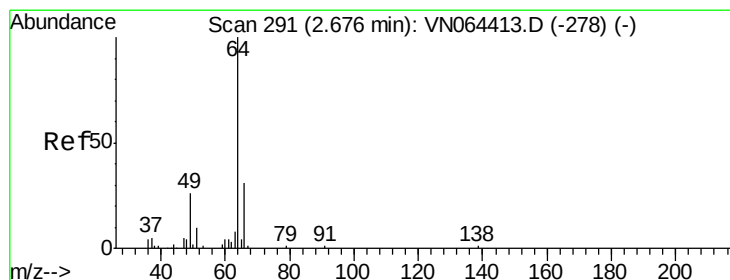
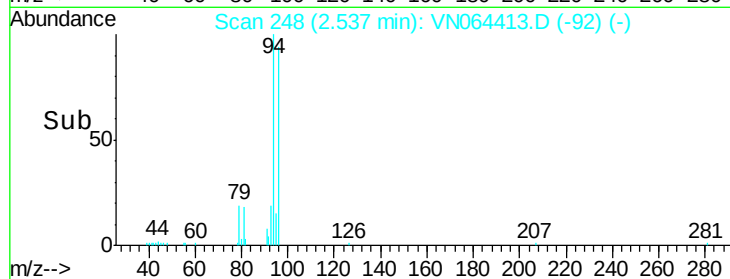
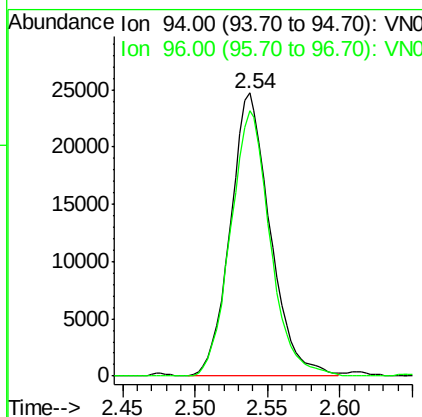
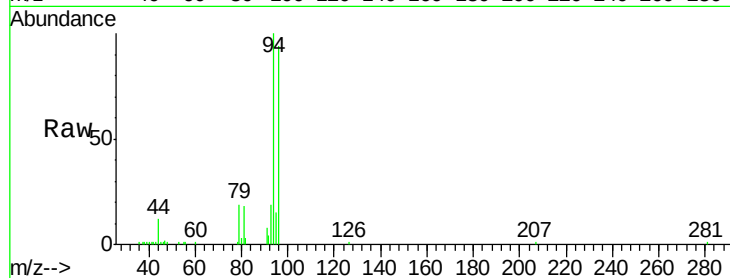
#5
Bromomethane
Concen: 18.832 ug/l
RT: 2.54 min Scan# 248
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion	Ion	Ratio	Lower	Upper
94	94	100		
96	96	94.0	75.2	112.8

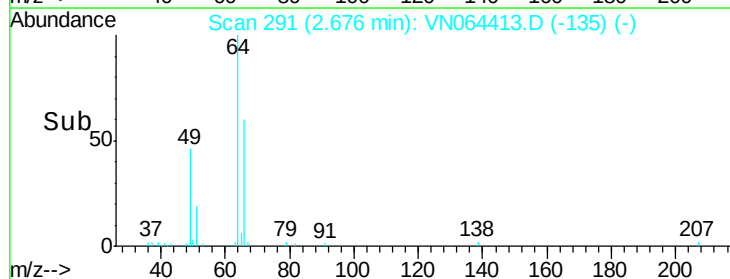
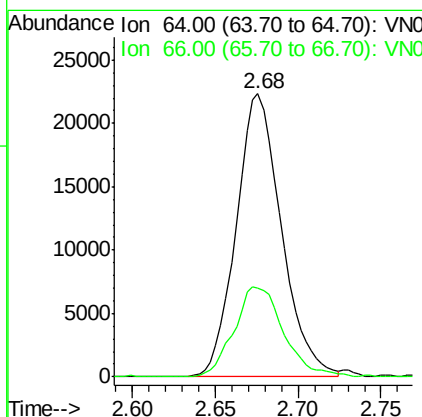
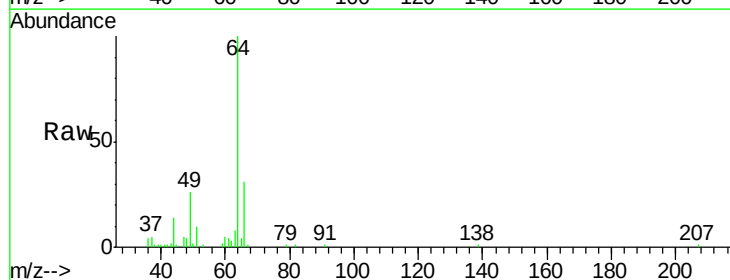
Manual Integrations
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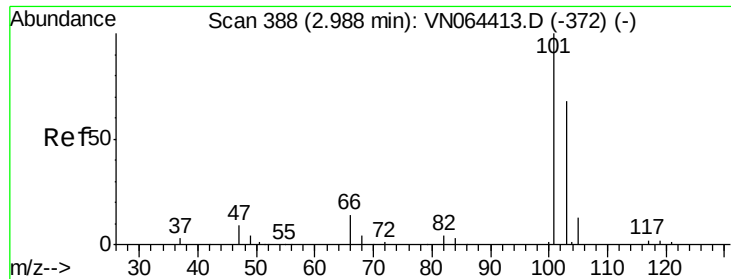
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#6
Chloroethane
Concen: 18.620 ug/l
RT: 2.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ion	Ratio	Lower	Upper
64	64	100		
66	66	31.2	25.0	37.4





#7

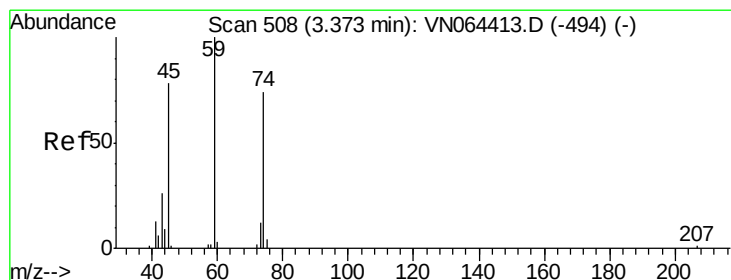
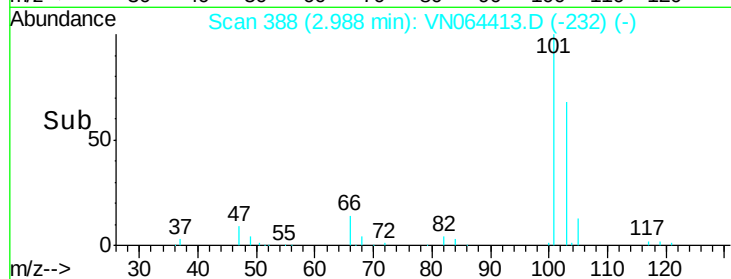
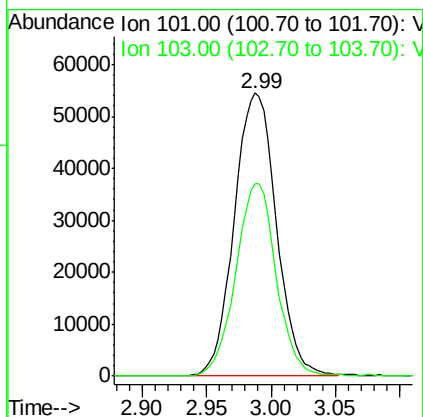
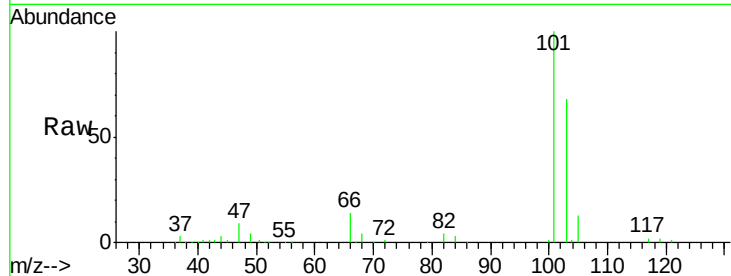
Trichlorofluoromethane
Concen: 19.687 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		124006		
103	68.2	54.6	81.8		

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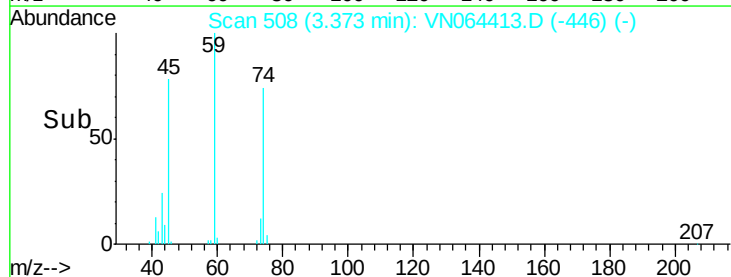
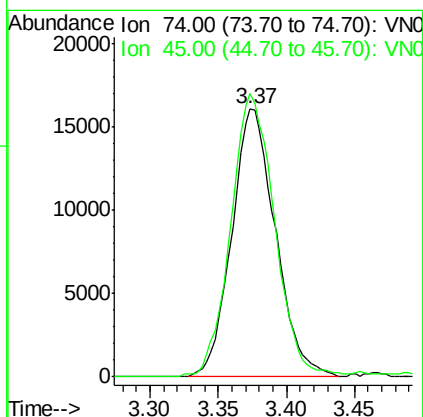
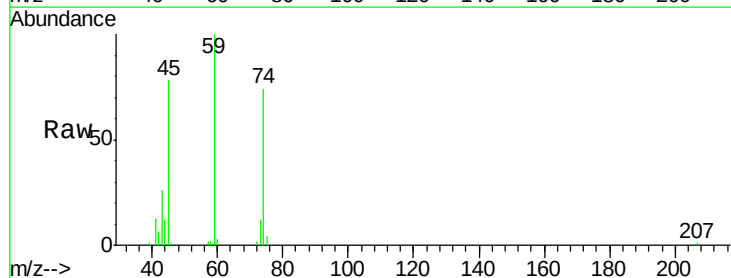
MMDadoda
11/3/2020 2:20:43 PM

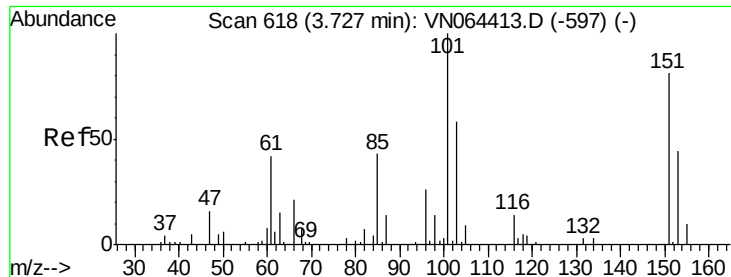


#8

Diethyl Ether
Concen: 18.069 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		35824		
45	105.9	21.2	190.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.585 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

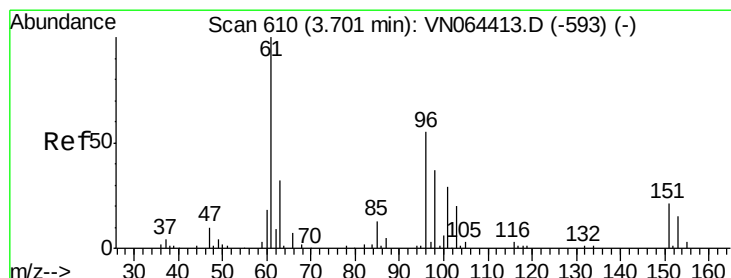
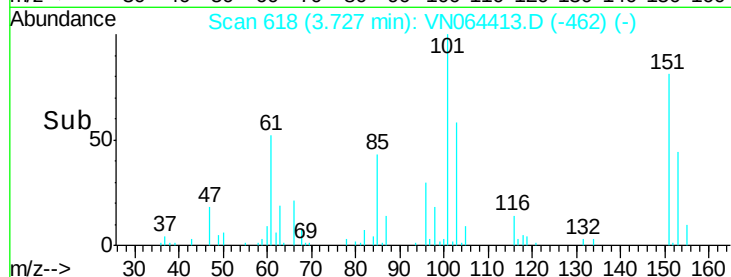
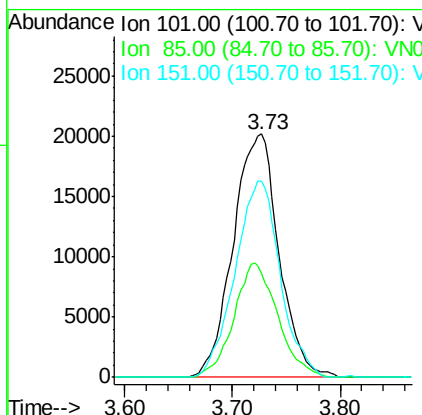
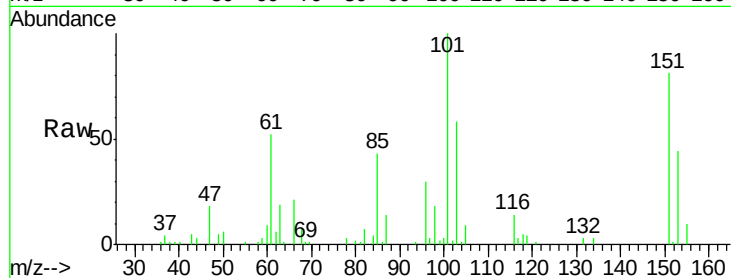
ClientSampleId :

VSTDICCC020

Tot Ion:	101	Resp:	59640
Ion Ratio	Lower	Upper	
101	100		
85	44.8	0.0	89.6
151	79.4	0.0	158.8

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#10

1,1-Dichloroethene

Concen: 18.096 ug/l

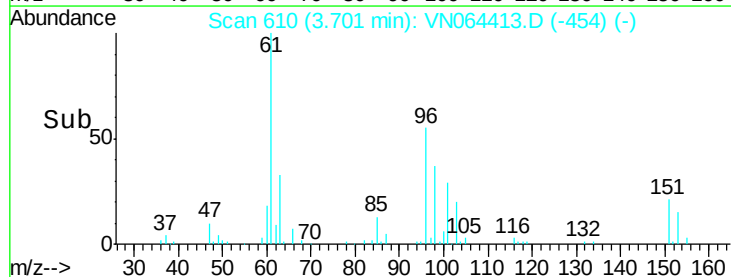
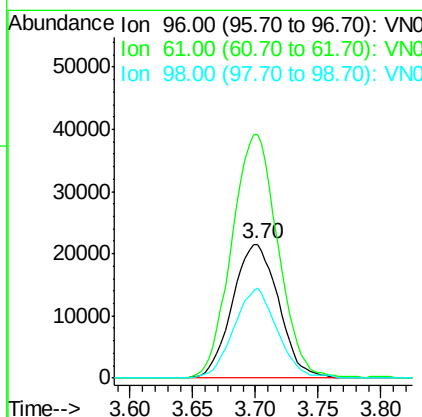
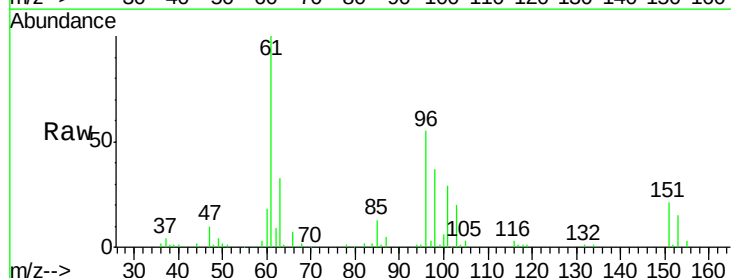
RT: 3.70 min Scan# 610

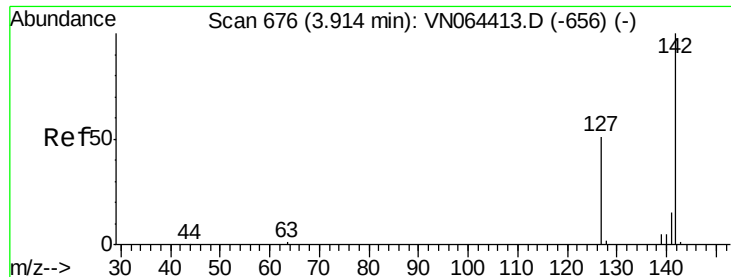
Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Tgt Ion:	96	Resp:	55261
Ion Ratio	Lower	Upper	
96	100		
61	182.0	145.6	218.4
98	67.4	53.9	80.9





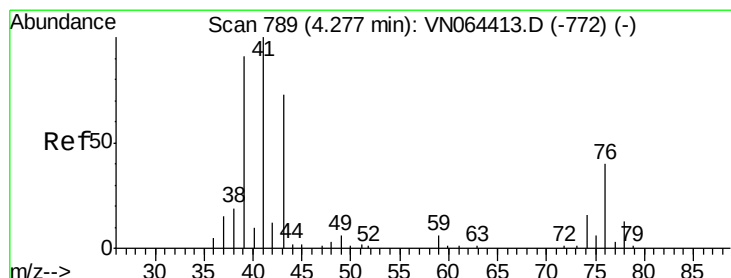
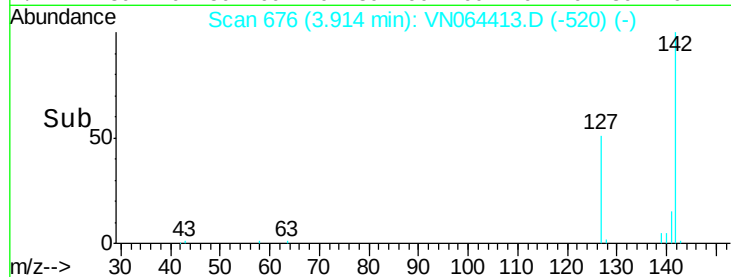
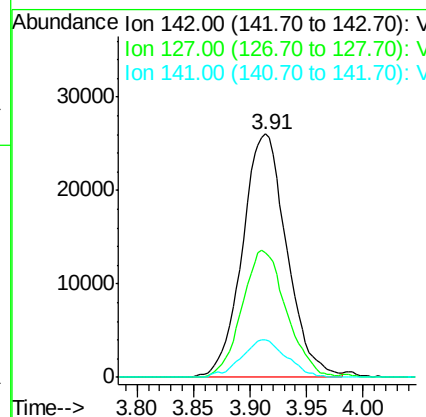
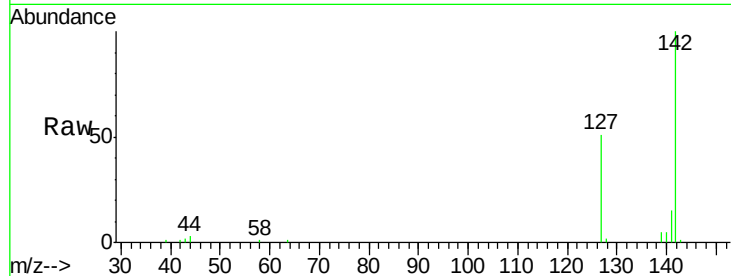
#11
Methvl Iodide
Concen: 16.426 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	50.8	25.4	76.2
141	15.5	7.8	23.3

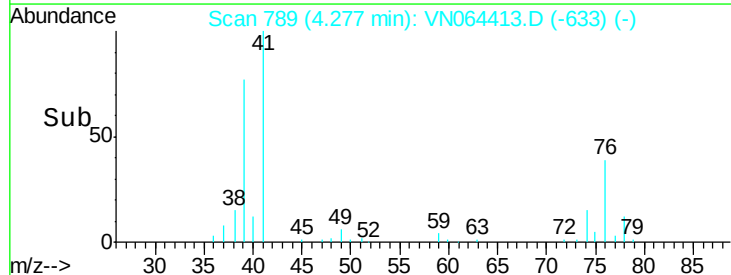
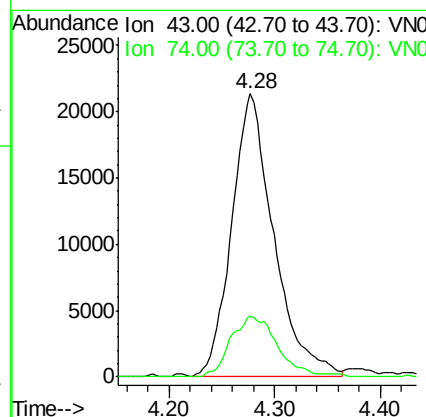
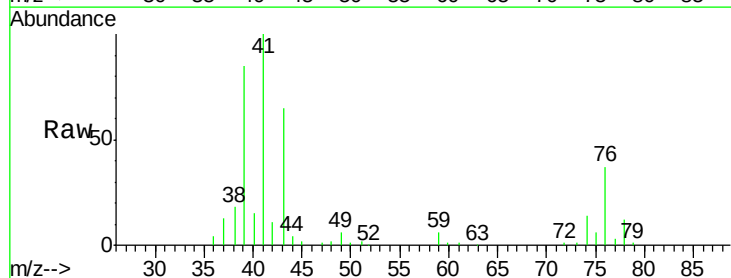
Manual Integrations
APPROVED

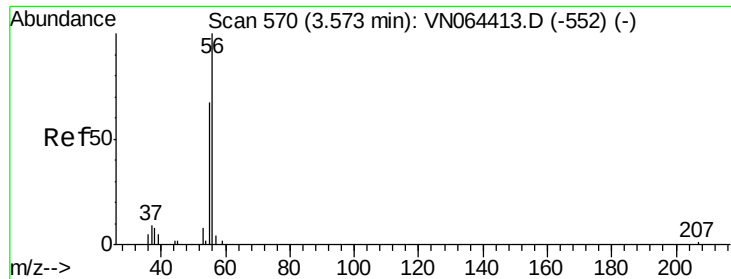
MMDadoda
11/3/2020 2:20:43 PM



#12
Methyl Acetate
Concen: 16.579 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.1	25.7





#13

Acrolein

Concen: 109.387 ug/l m

RT: 3.57 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 56 Resp: 28809

Ion Ratio Lower Upper

56 100

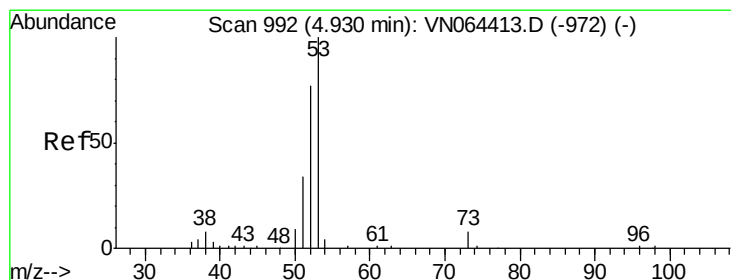
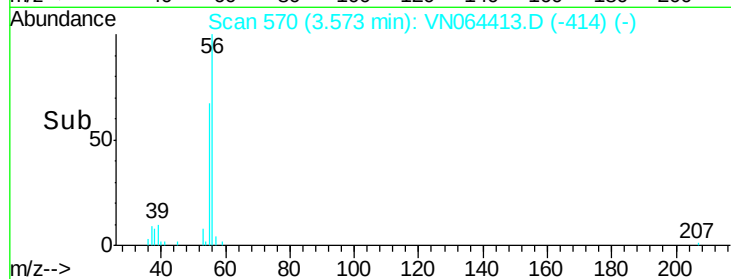
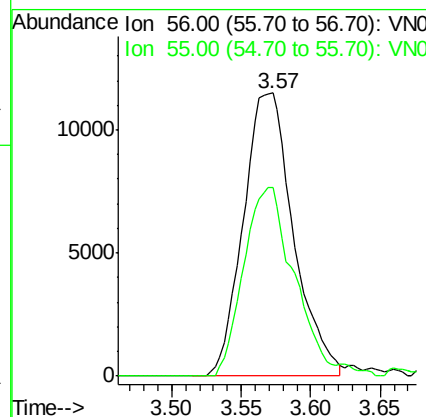
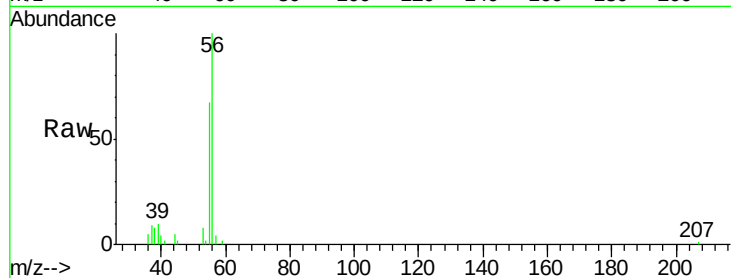
55 66.4 52.5 78.7

Manual Integrations

APPROVED

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11/3/2020 2:20:43 PM



#14

Acrylonitrile

Concen: 83.589 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

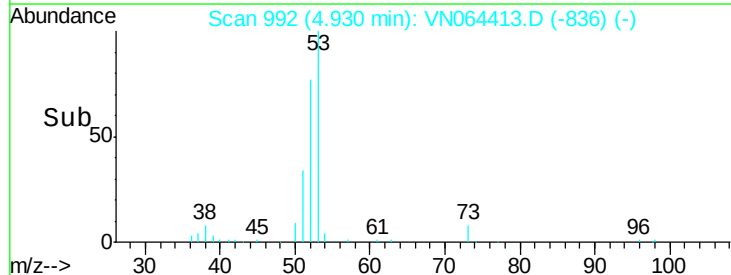
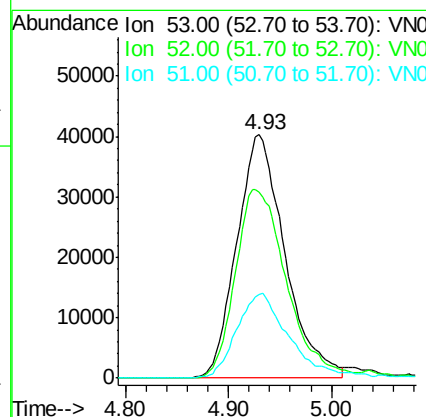
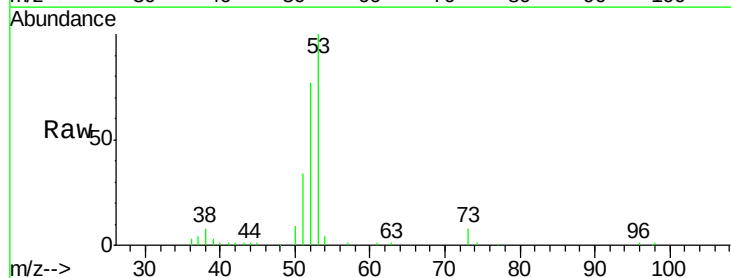
Tgt Ion: 53 Resp: 130822

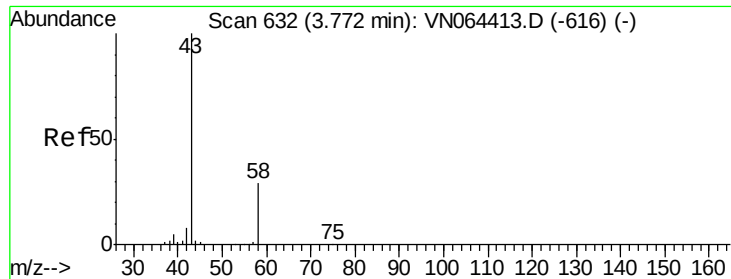
Ion Ratio Lower Upper

53 100

52 82.2 41.1 123.3

51 35.5 17.8 53.3





#15

Acetone

Concen: 116.305 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

Tot Ion: 58 Resp: 54671

Ion Ratio Lower Upper

58 100

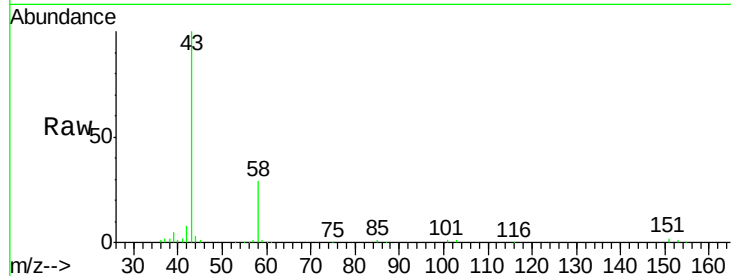
43 345.1 276.1 414.1

Manual Integrations

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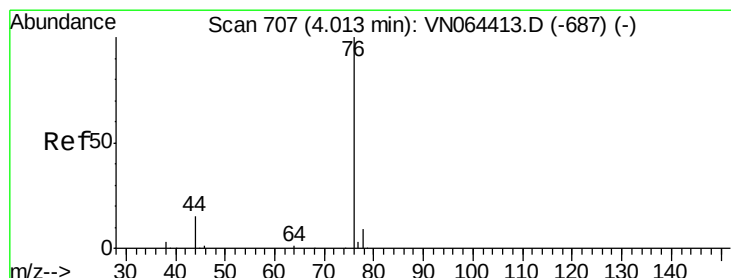
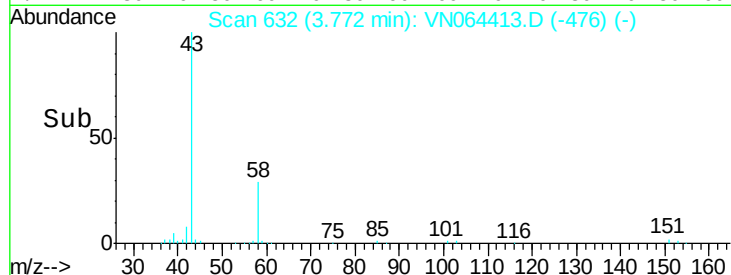
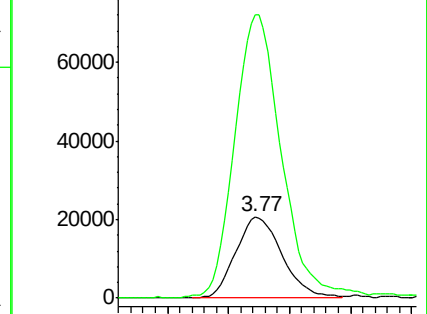
MMDadoda

11/3/2020 2:20:43 PM



Abundance Ion 58.00 (57.70 to 58.70): VN064413.D (-616) (-)

Ion 43.00 (42.70 to 43.70): VN064413.D (-616) (-)



#16

Carbon Disulfide

Concen: 17.360 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064413.D

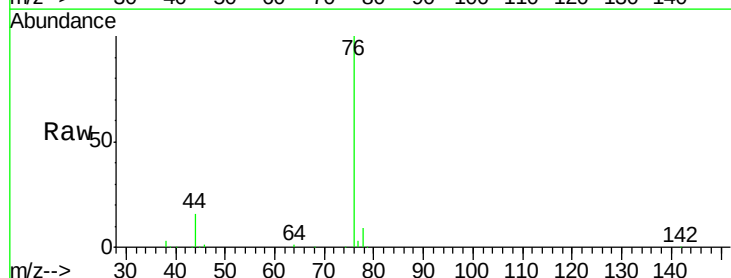
Acq: 2 Nov 2020 14:14

Tgt Ion: 76 Resp: 157584

Ion Ratio Lower Upper

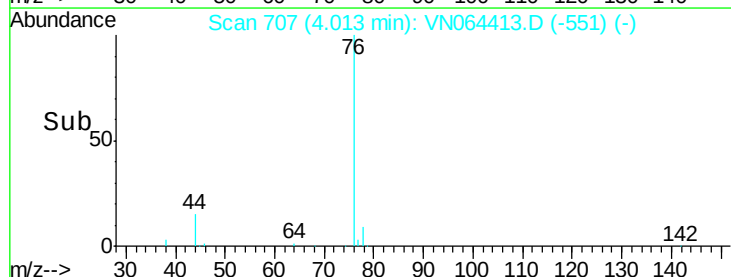
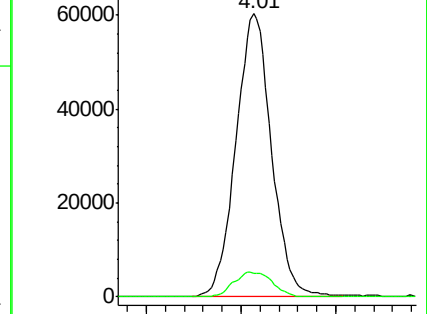
76 100

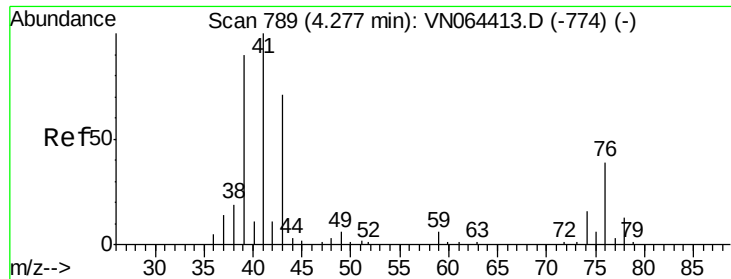
78 8.8 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VN064413.D (-687) (-)

Ion 78.00 (77.70 to 78.70): VN064413.D (-687) (-)





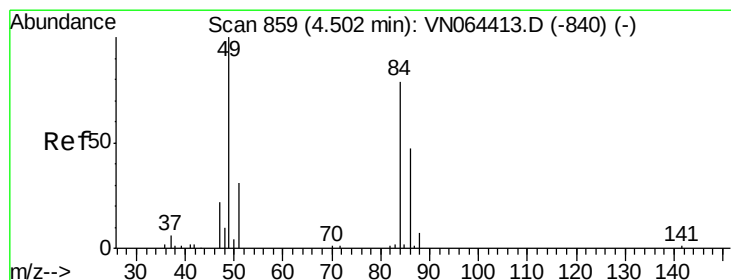
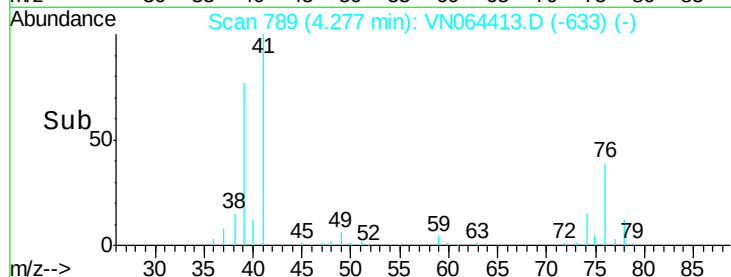
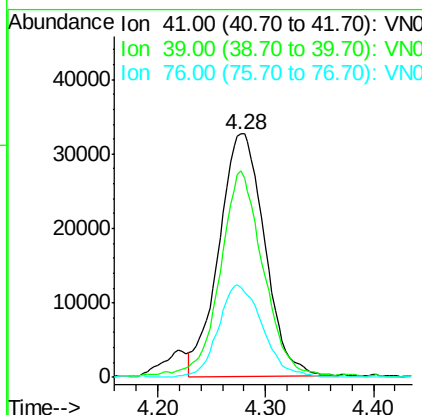
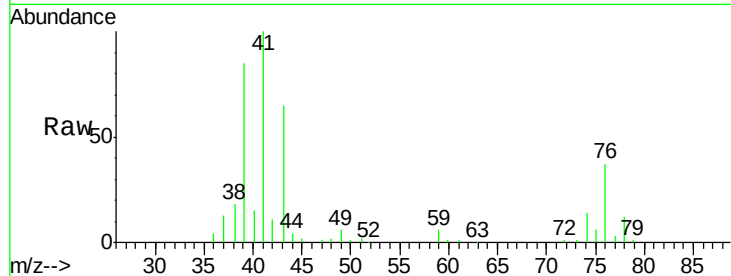
#17
Allvl chloride
Concen: 16.609 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	84.5	42.3	126.8
76	37.2	18.6	55.8

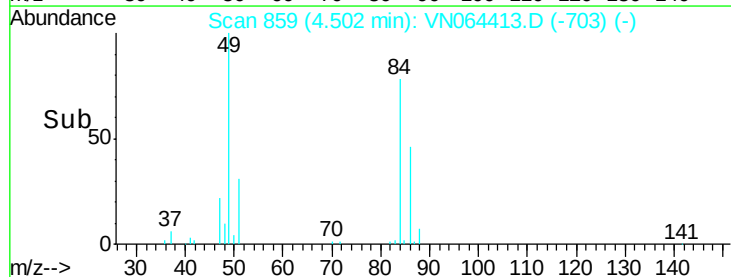
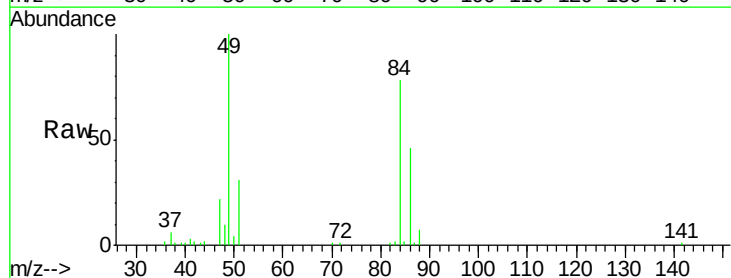
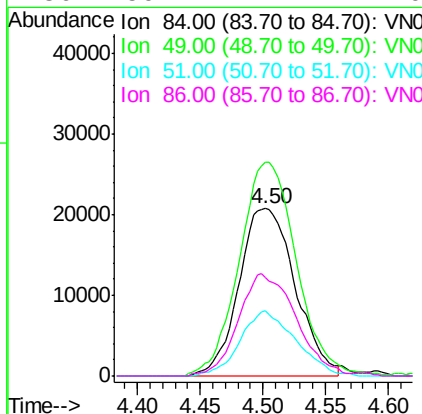
Manual Integrations
APPROVED

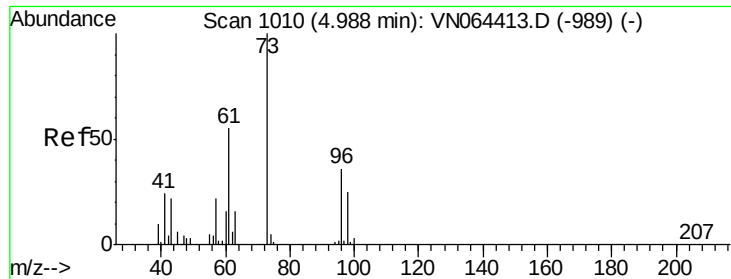
MMDadoda
11/3/2020 2:20:43 PM



#18
Methylene Chloride
Concen: 18.578 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.2	101.0	151.4
51	39.0	31.2	46.8
86	59.2	47.4	71.0





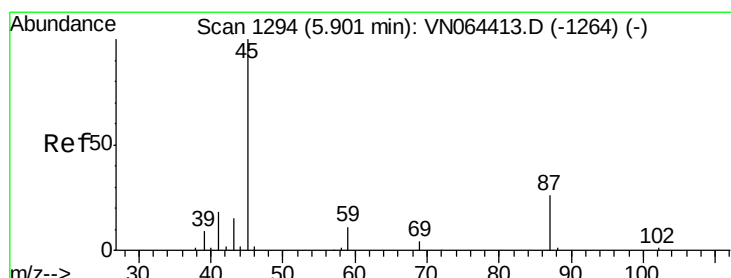
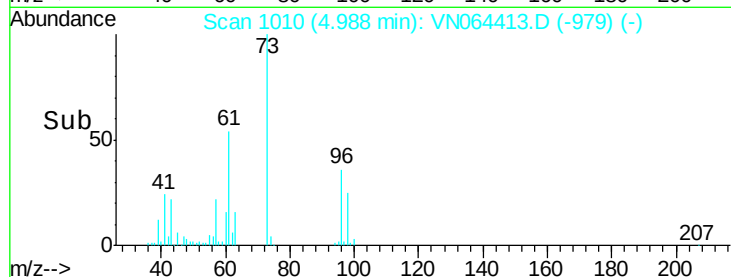
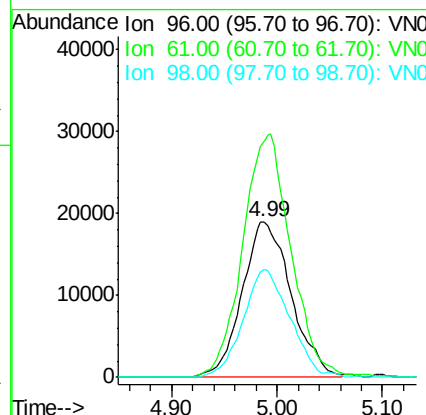
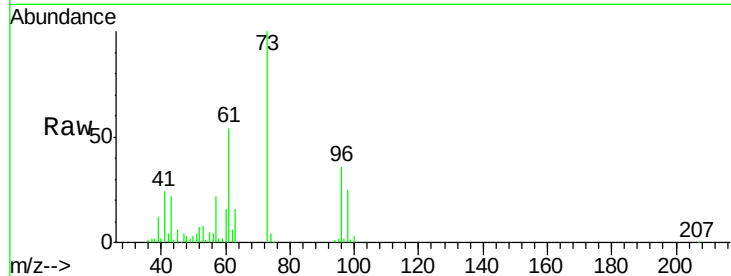
#19
trans-1,2-Dichloroethene
Concen: 18.205 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	151.7	121.4	182.0	
98	69.4	55.5	83.3	

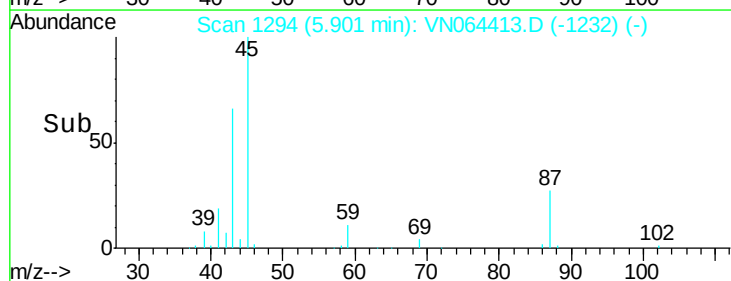
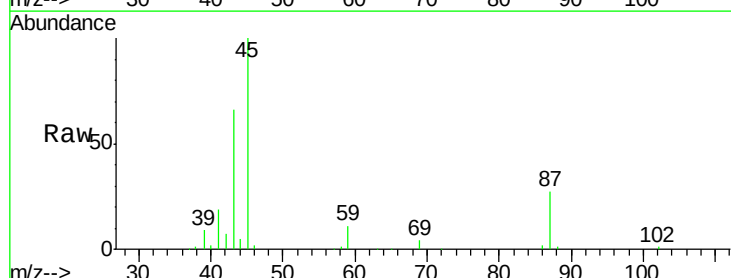
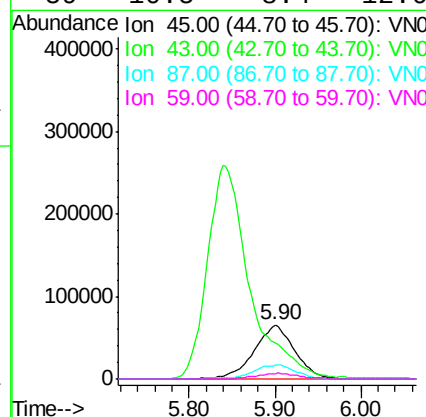
Manual Integrations
APPROVED

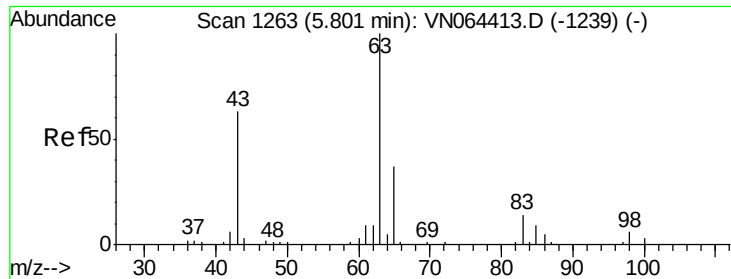
MMDadoda
11/3/2020 2:20:43 PM



#20
Diisopropyl ether
Concen: 18.179 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	62.0	49.6	74.4	
87	26.3	21.0	31.6	
59	10.5	8.4	12.6	





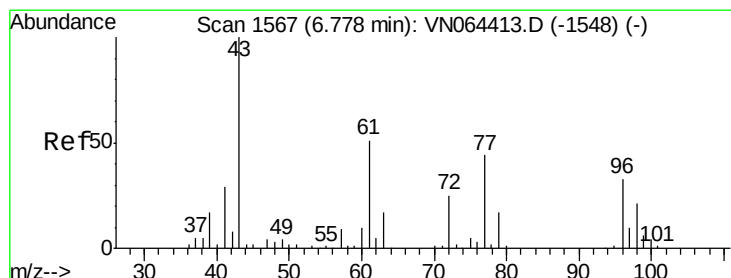
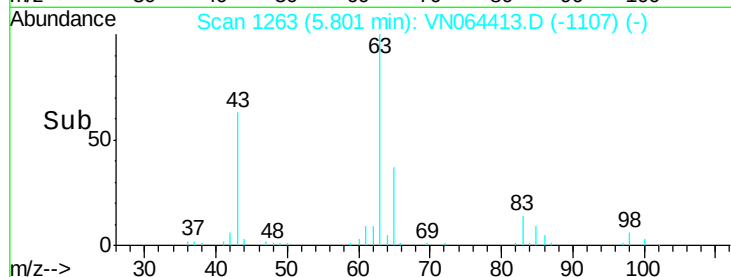
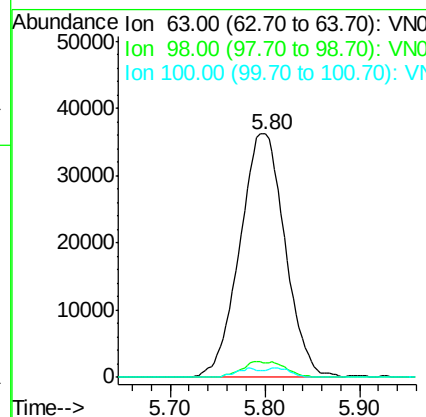
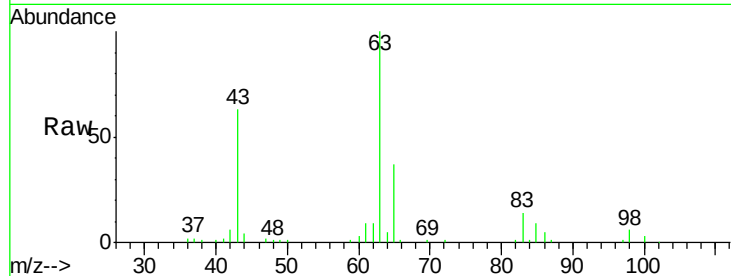
#21
 1,1-Dichloroethane
 Concen: 18.226 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100				
98	5.9	2.9	8.8		
100	3.0	1.5	4.5		

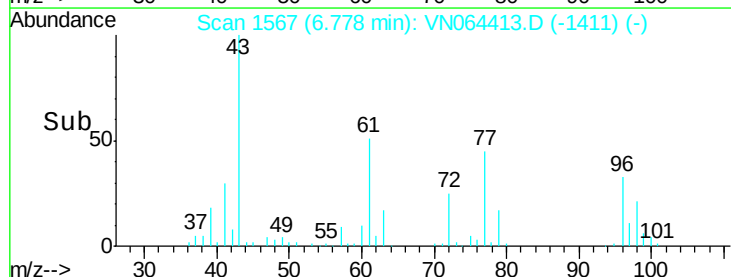
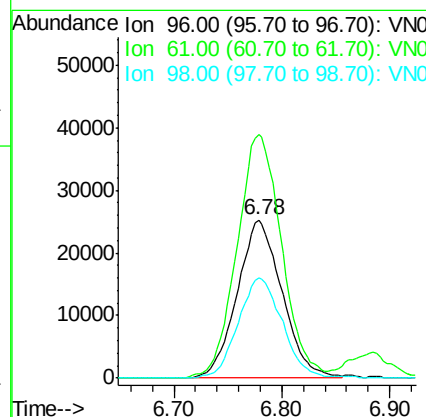
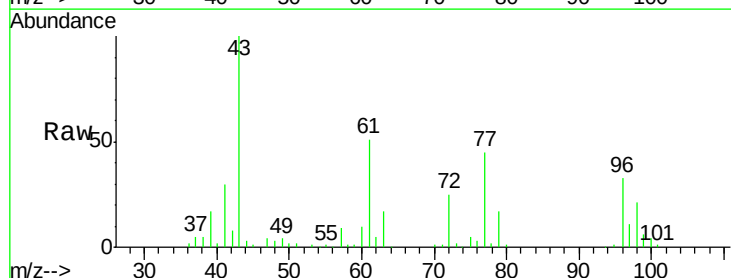
Manual Integrations
 APPROVED

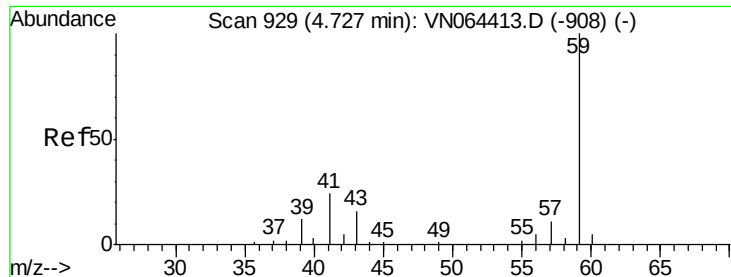
MMDadoda
 11/3/2020 2:20:43 PM



#22
 cis-1,2-Dichloroethene
 Concen: 18.860 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	152.9	122.3	183.5		
98	62.0	49.6	74.4		





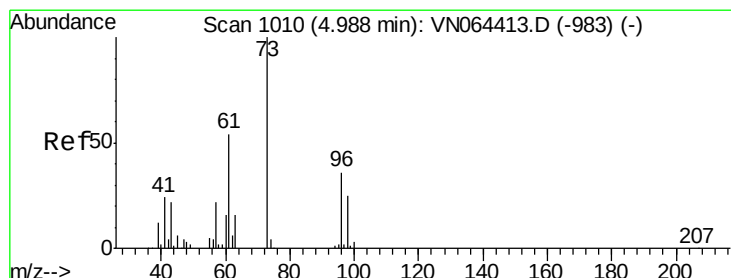
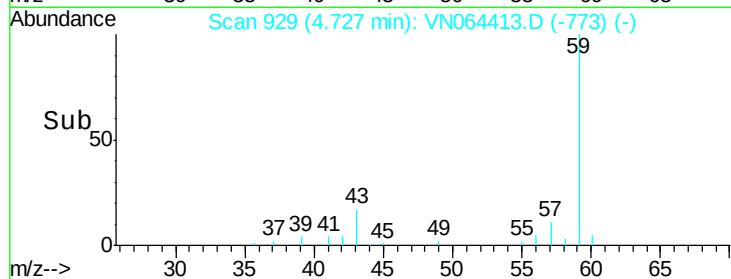
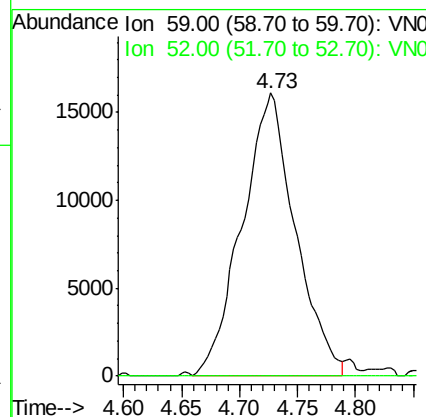
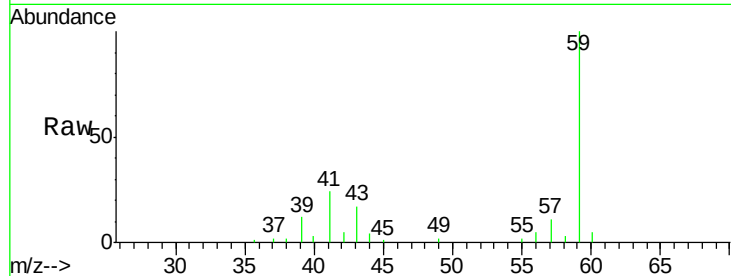
#23
 tert-Butyl Alcohol
 Concen: 73.891 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	51700		
52	52	0.0	0.0	0.0	0.0

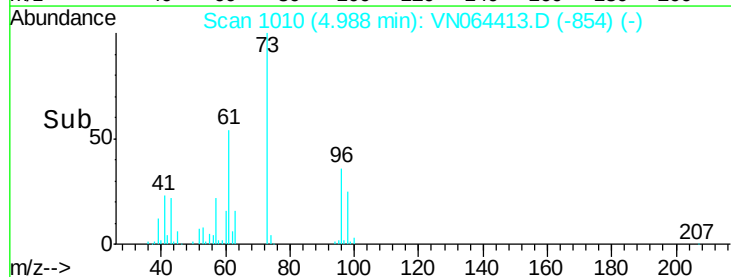
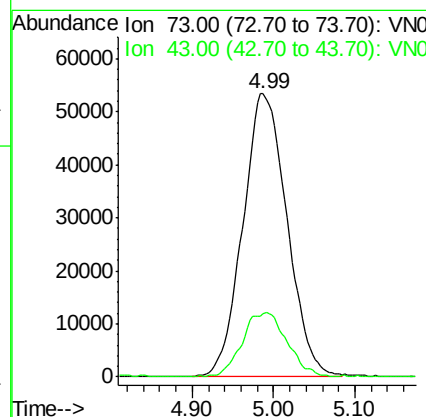
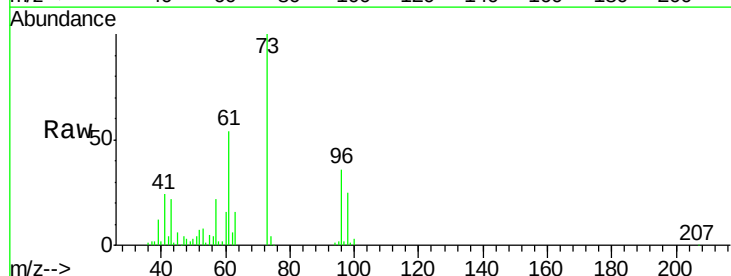
Manual Integrations
 APPROVED

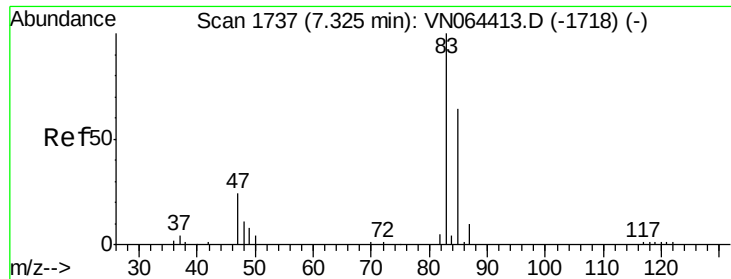
MMDadoda
 11/3/2020 2:20:43 PM



#24
 Methyl tert-Butyl Ether
 Concen: 17.517 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
73	73	100	200668		
43	43	8.5	6.8	10.2	





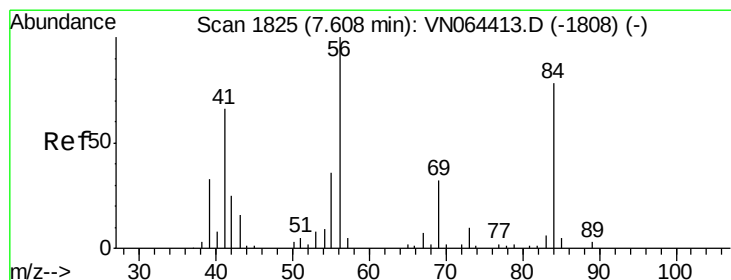
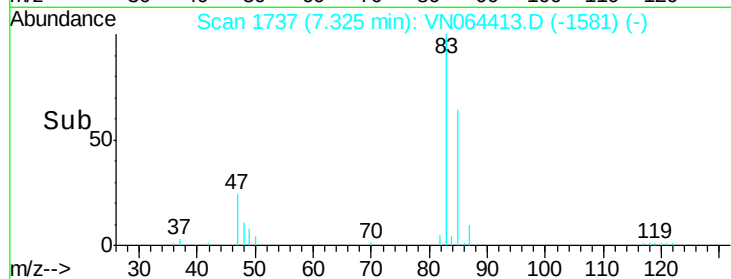
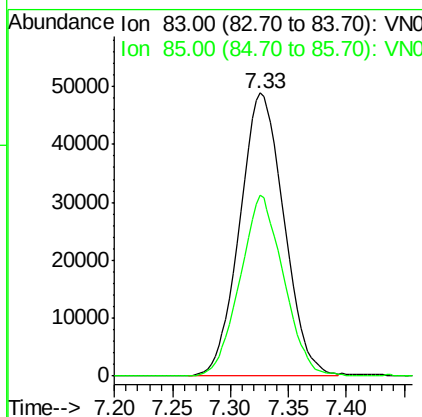
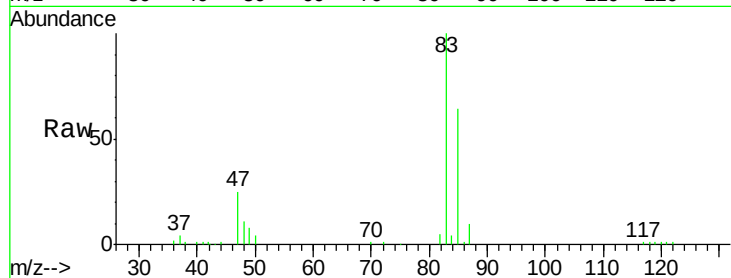
#25
Chloroform
Concen: 18.977 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion	83	Resp	129926
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	51.0	76.4

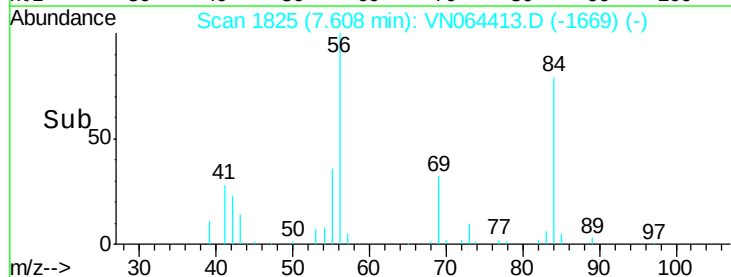
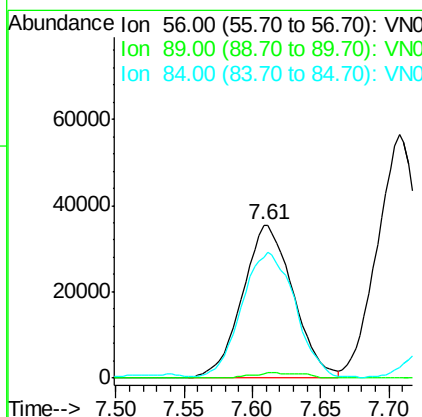
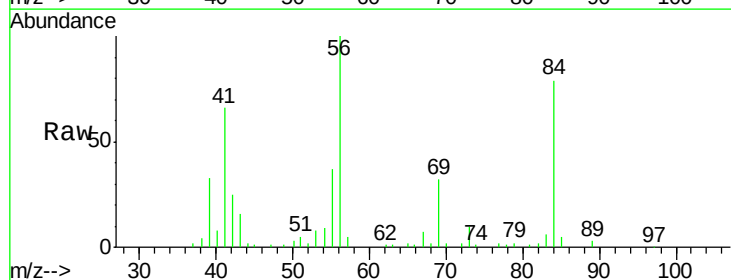
Manual Integrations
APPROVED

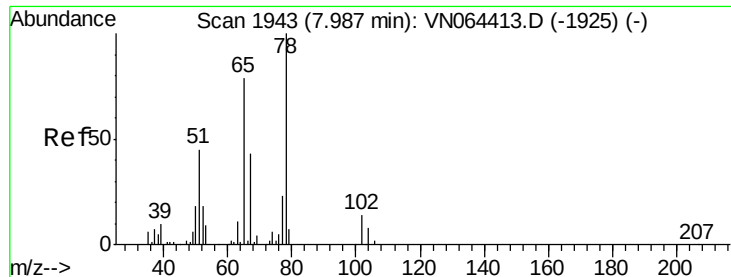
MMDadoda
11/3/2020 2:20:43 PM



#26
Cyclohexane
Concen: 17.146 ug/l
RT: 7.61 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	56	Resp	92006
Ion Ratio	100	Lower	Upper
56	100		
89	2.9	2.3	3.5
84	86.7	69.4	104.0





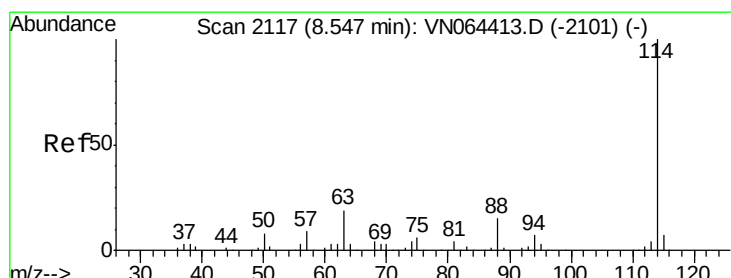
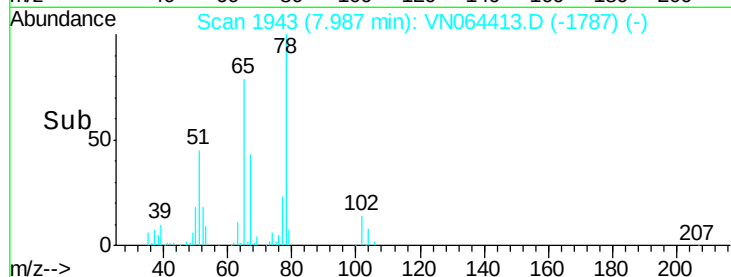
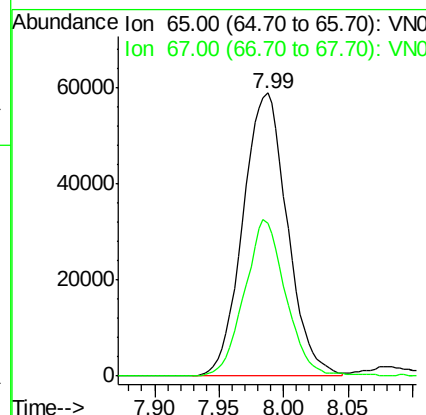
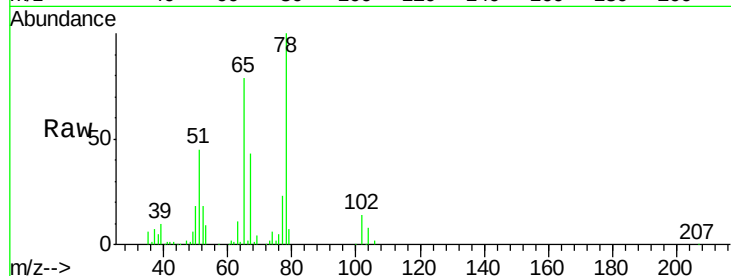
#27
 1,2-Dichloroethane-d4
 Concen: 29.096 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion: 65 Resp: 141189
 Ion Ratio Lower Upper
 65 100
 67 50.8 40.6 61.0

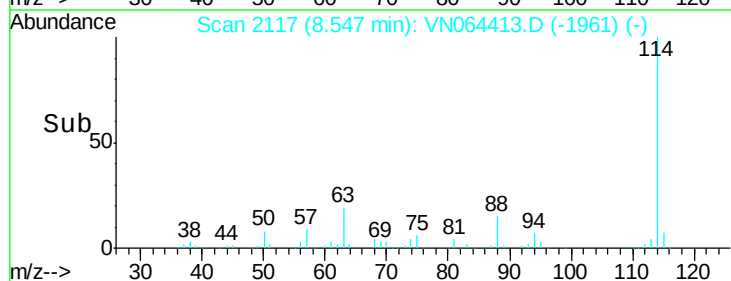
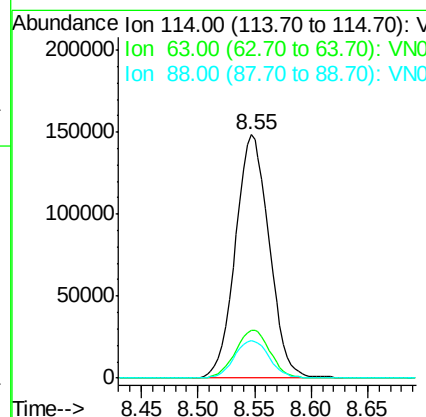
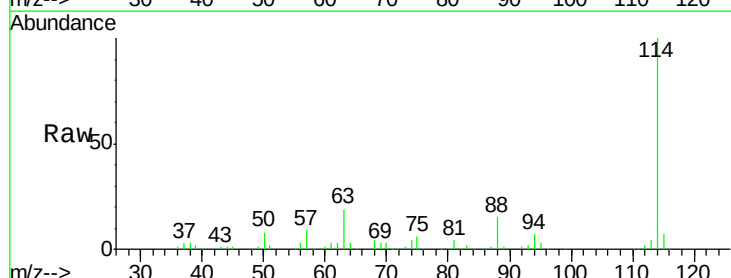
Manual Integrations
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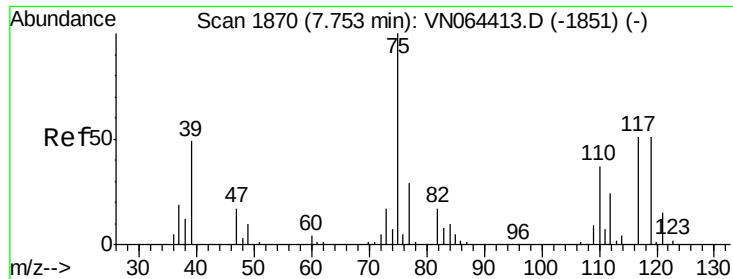
MMDadoda
 11/3/2020 2:20:43 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 114 Resp: 308656
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.2 24.4
 88 15.8 12.6 19.0





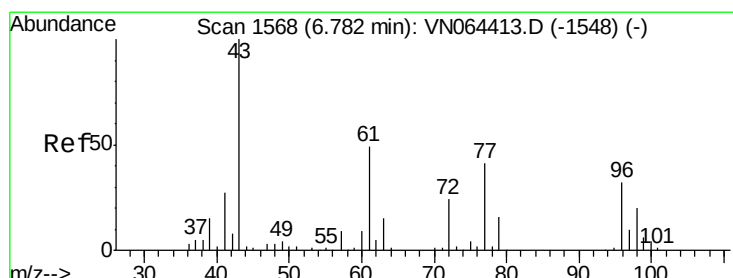
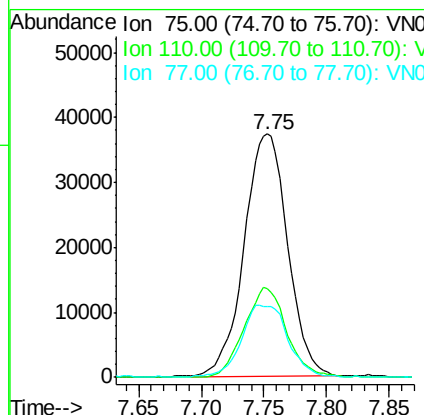
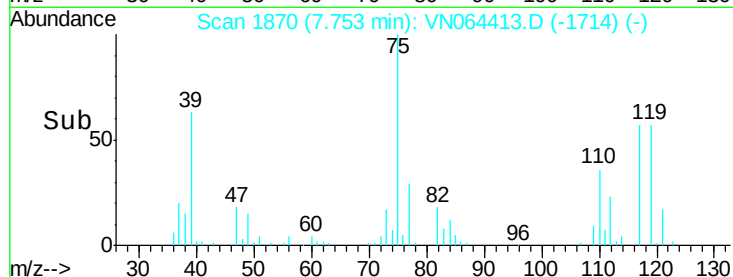
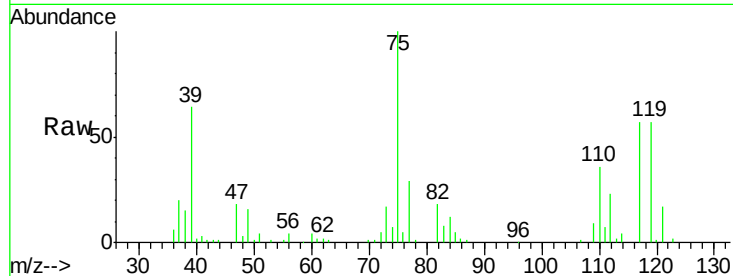
#29
 1,1-Dichloropropene
 Concen: 17.256 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	71.8
77	16.2	0.0	32.4

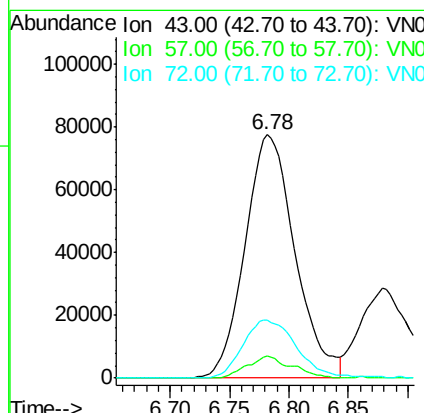
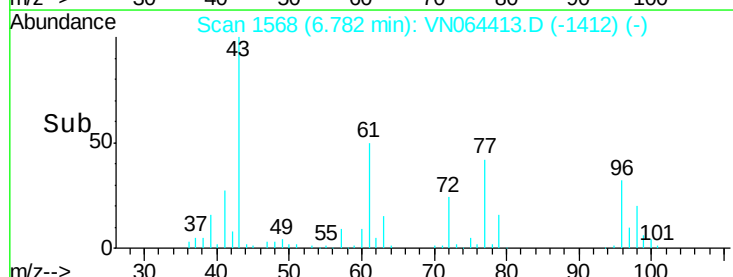
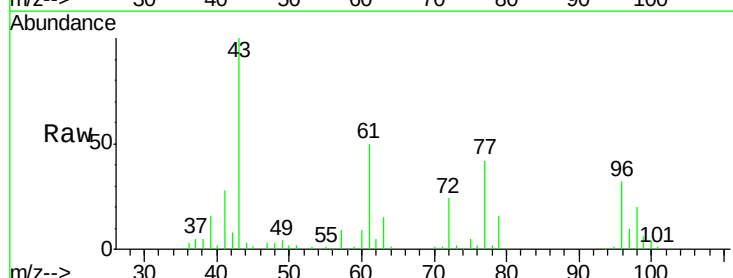
Manual Integrations
 APPROVED

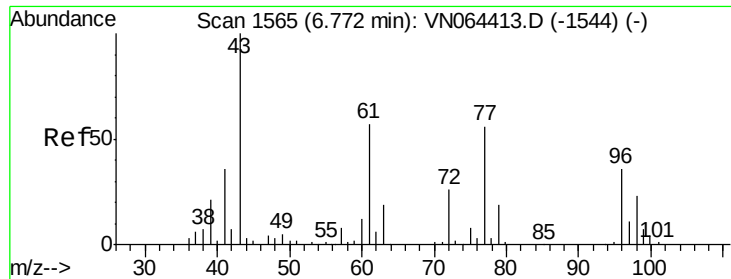
MMDadoda
 11/3/2020 2:20:43 PM



#30
 2-Butanone
 Concen: 91.014 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.6	9.8
72	25.0	20.0	30.0





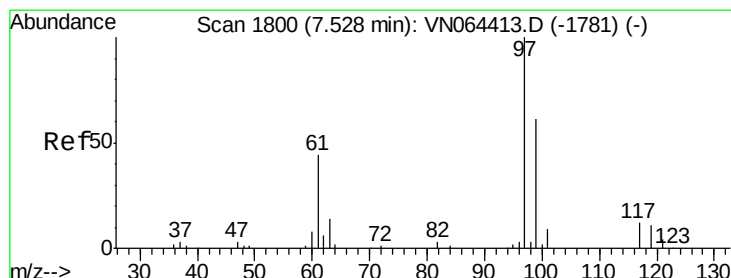
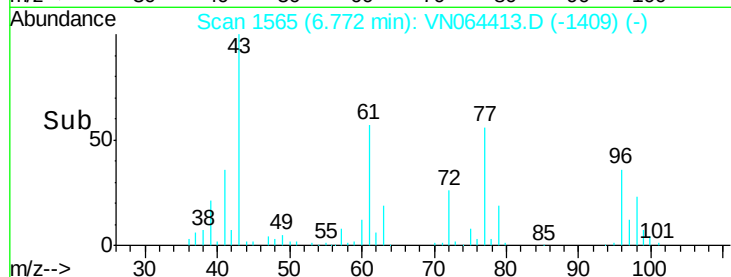
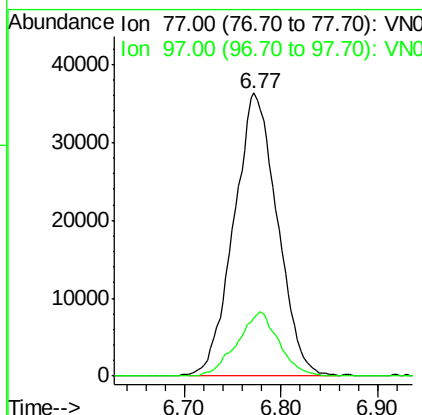
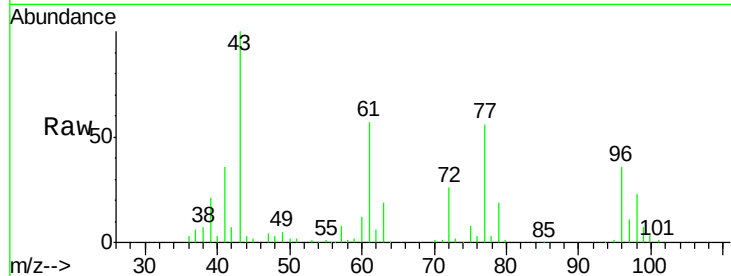
#31
 2,2-Dichloropropane
 Concen: 17.982 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion: 77 Resp: 113489
 Ion Ratio Lower Upper
 77 100
 97 21.7 17.4 26.0

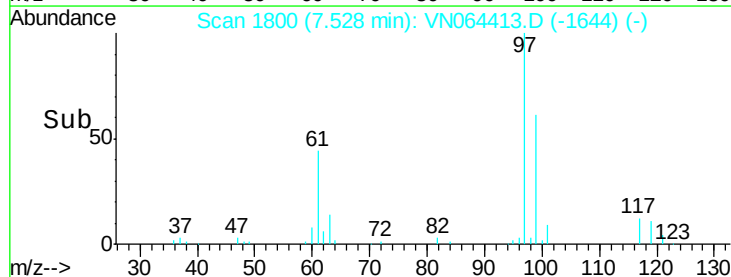
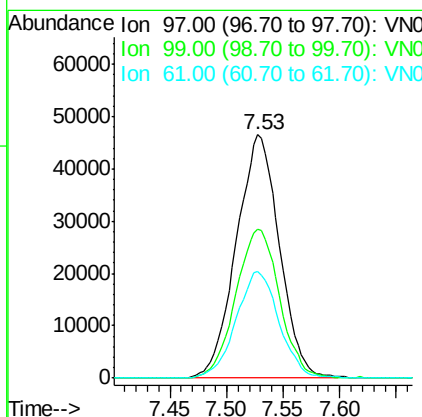
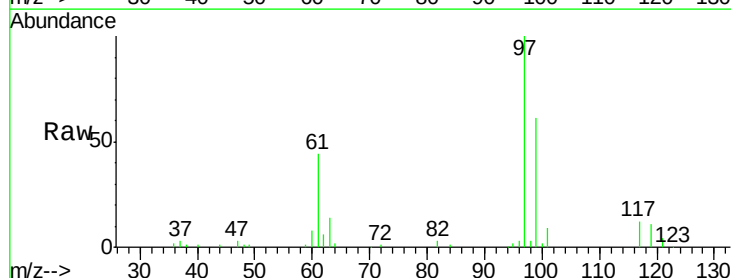
Manual Integrations
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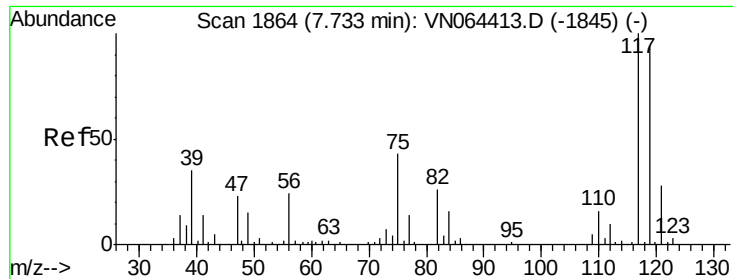
MMDadoda
 11/3/2020 2:20:43 PM



#32
 1,1,1-Trichloroethane
 Concen: 18.573 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 97 Resp: 123109
 Ion Ratio Lower Upper
 97 100
 99 62.3 49.8 74.8
 61 43.6 34.9 52.3





#33

Carbon Tetrachloride

Concen: 18.243 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:117 Resp: 110399

Ion Ratio Lower Upper

117 100

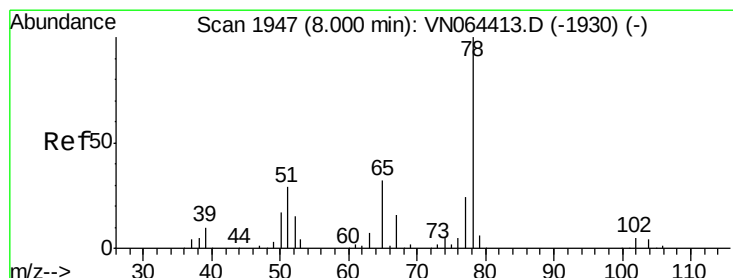
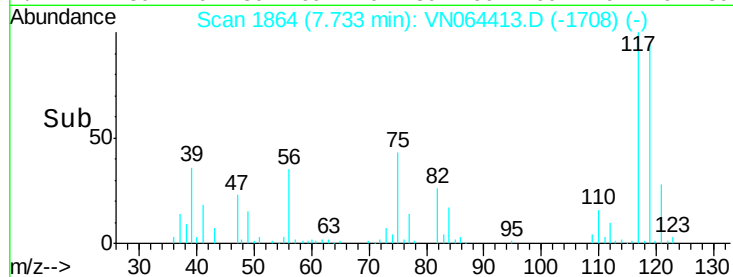
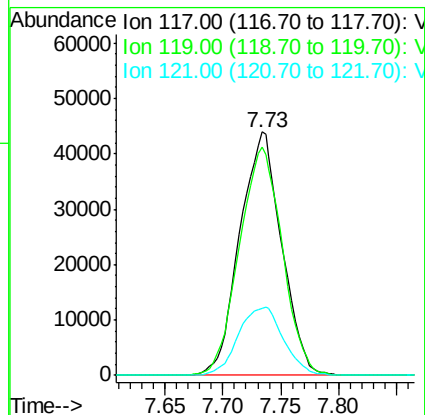
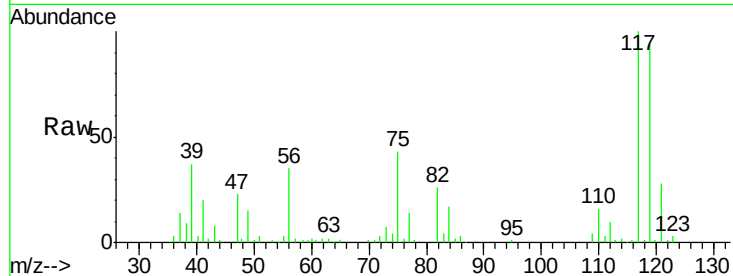
119 93.7 75.0 112.4

121 27.6 22.1 33.1

Manual Integrations
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#34

Benzene

Concen: 18.473 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

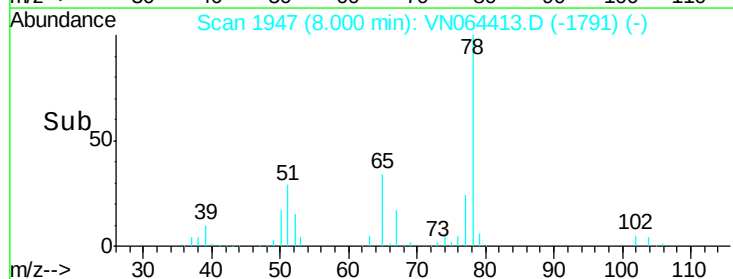
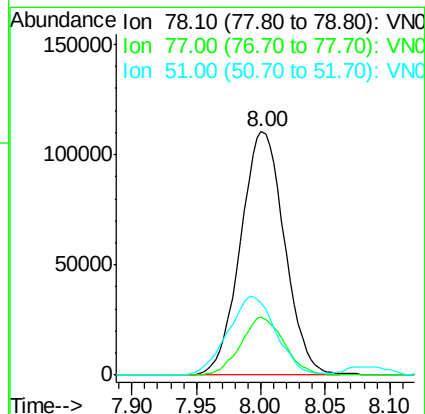
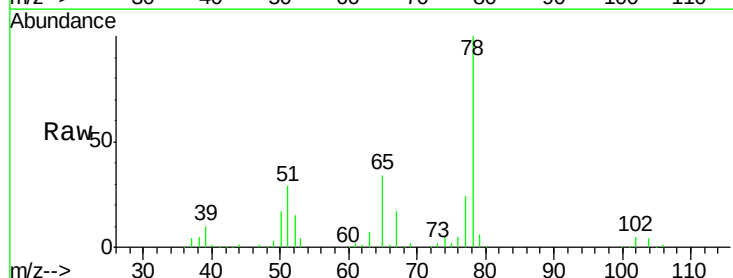
Tgt Ion: 78 Resp: 262564

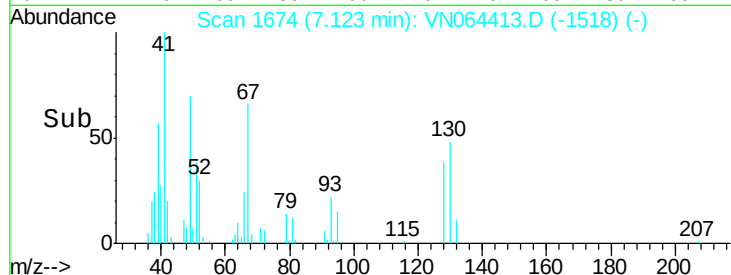
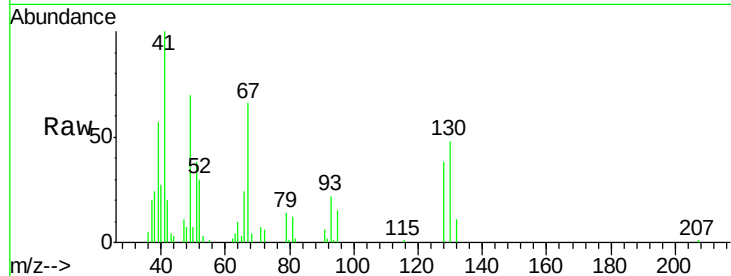
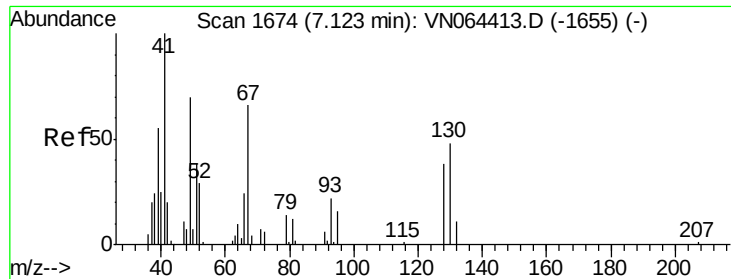
Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4

51 28.9 23.1 34.7





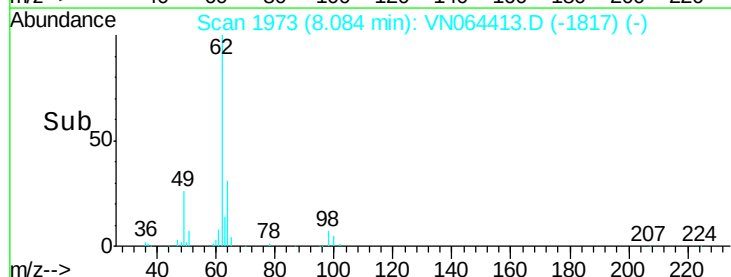
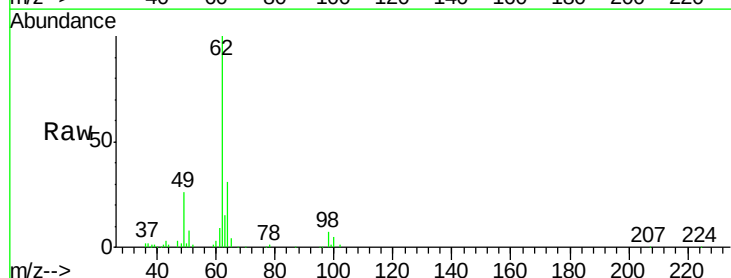
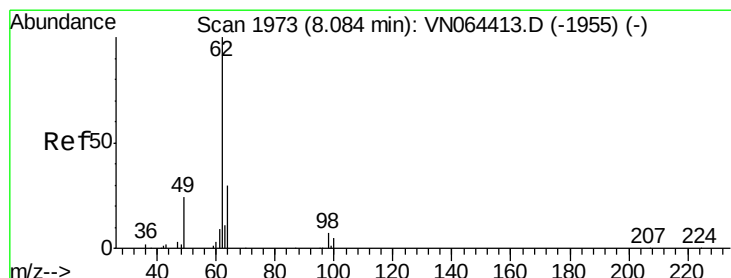
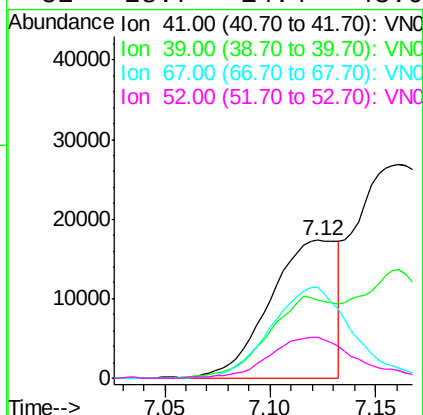
#35
Methacrylonitrile
Concen: 15.271 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.5	27.8	83.3
67	65.7	32.9	98.6
52	28.7	14.4	43.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

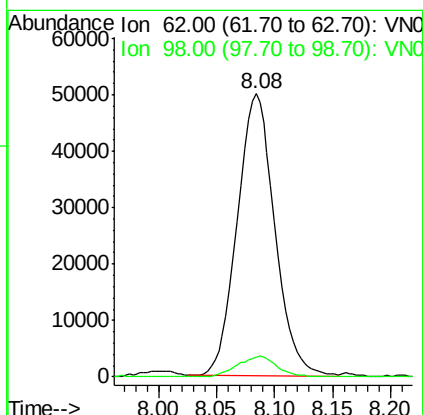
Manual Integrations
APPROVED

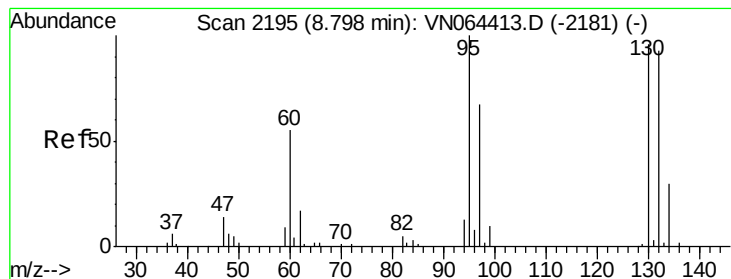
MMDadoda
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#36
1,2-Dichloroethane
Concen: 18.101 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	6.2	9.2





#37

Trichloroethene

Concen: 18.402 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:130 Resp: 71567

Ion Ratio Lower Upper

130 100

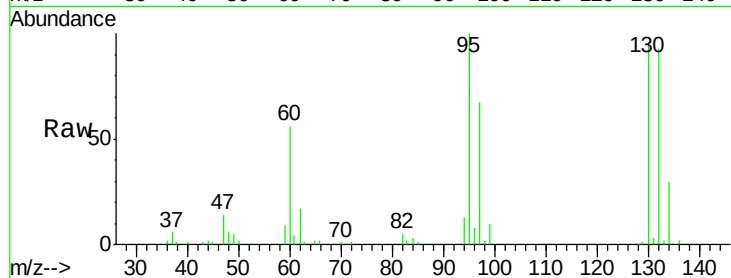
95 104.5 83.6 125.4

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): VN064413.D (-2181) (-)

Ion 94.90 (94.60 to 95.60): VN064413.D (-2181) (-)

8.80

40000

30000

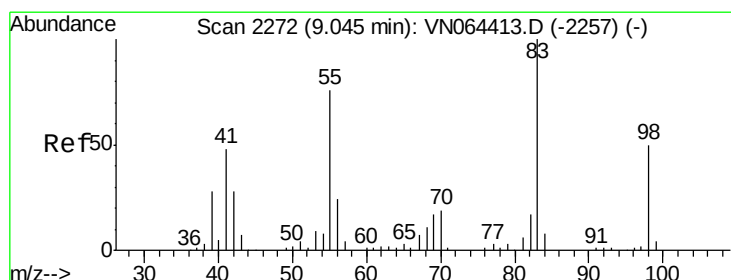
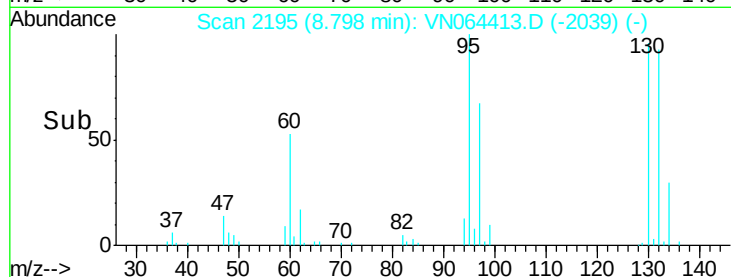
20000

10000

0

8.75 8.80 8.85

Time-->



#38

Methylcyclohexane

Concen: 16.338 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

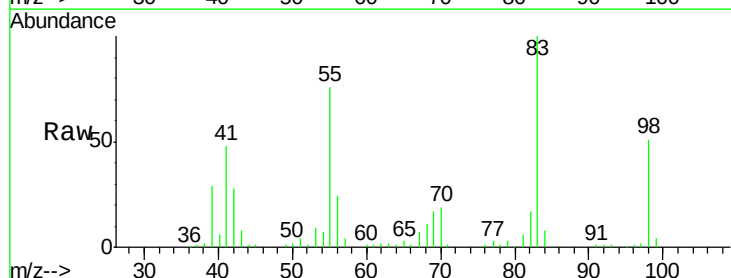
Tgt Ion: 83 Resp: 82292

Ion Ratio Lower Upper

83 100

55 76.6 38.3 114.9

98 49.3 24.6 74.0



Abundance Ion 83.00 (82.70 to 83.70): VN064413.D (-2257) (-)

Ion 55.00 (54.70 to 55.70): VN064413.D (-2257) (-)

Ion 98.00 (97.70 to 98.70): VN064413.D (-2257) (-)

9.05

50000

40000

30000

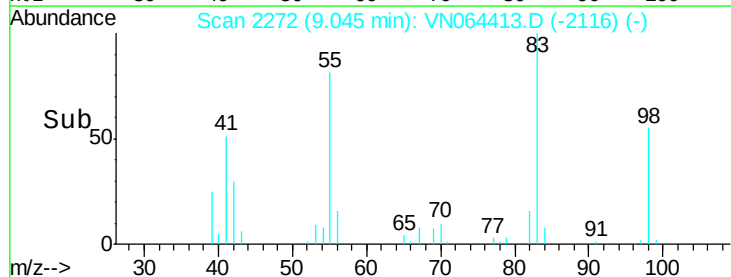
20000

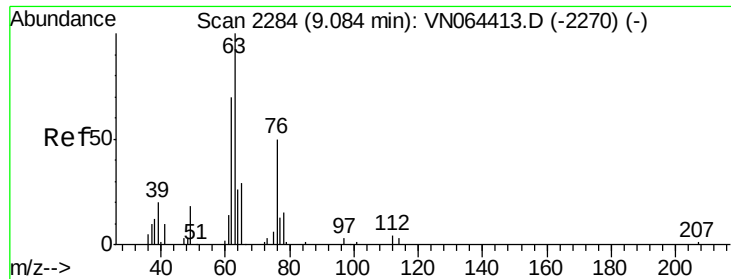
10000

0

8.95 9.00 9.05 9.10

Time-->





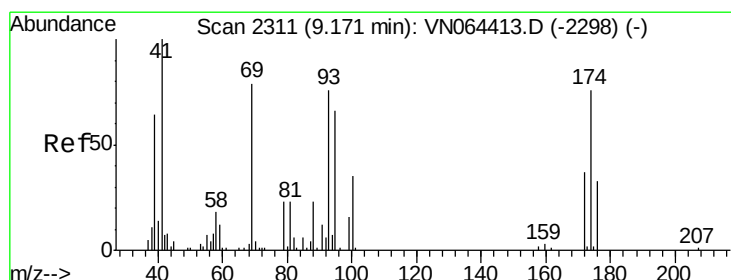
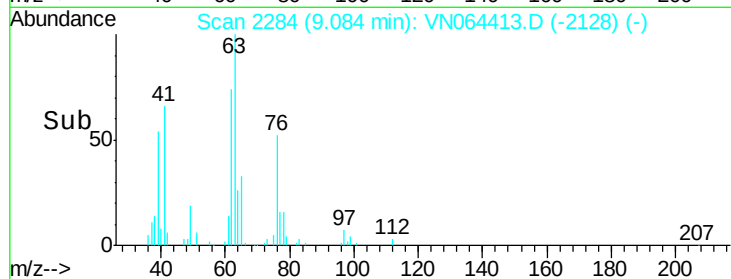
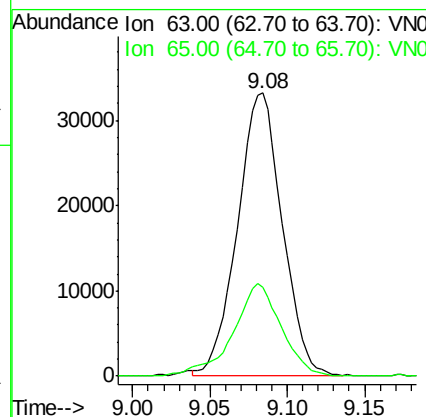
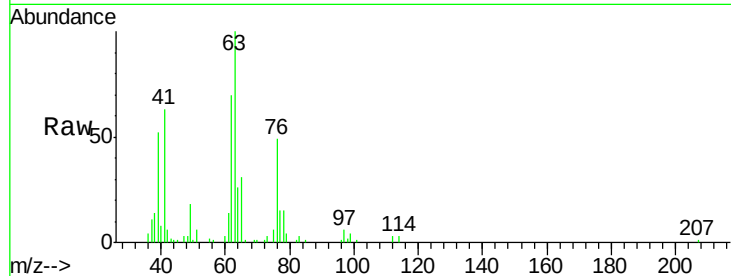
#39
 1,2-Dichloropropane
 Concen: 17.748 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion: 63 Resp: 66983
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6

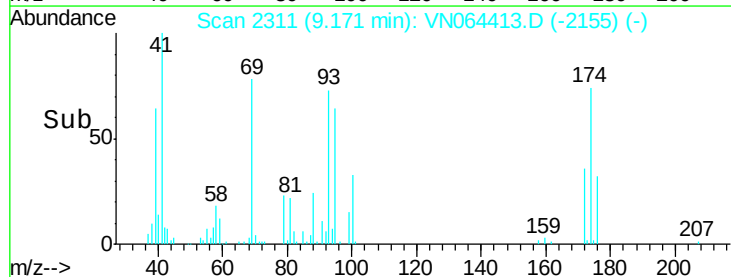
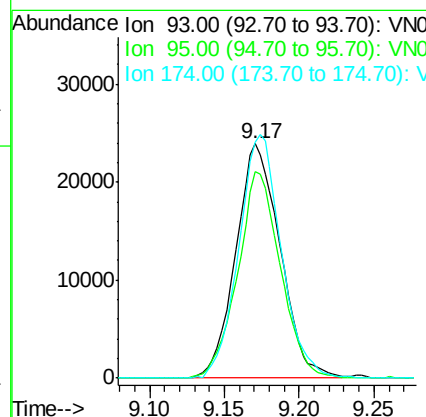
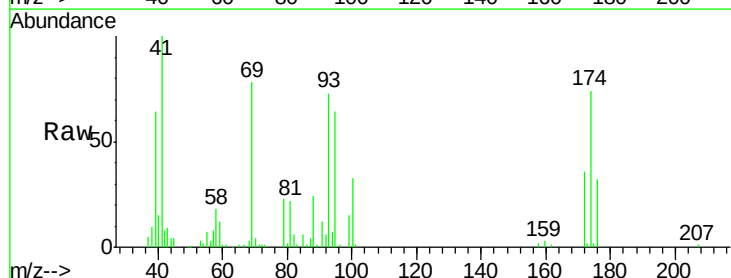
Manual Integrations
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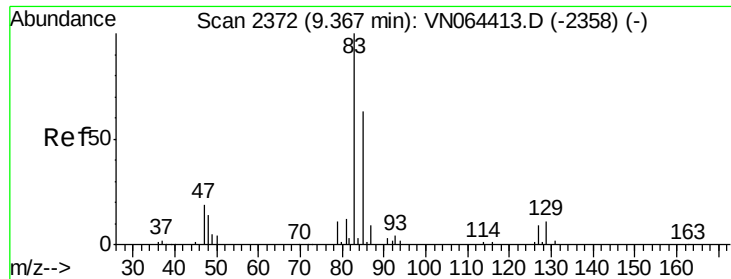
MMDadoda
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#40
 Dibromomethane
 Concen: 18.537 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 93 Resp: 49230
 Ion Ratio Lower Upper
 93 100
 95 85.0 0.0 170.0
 174 99.9 0.0 199.8





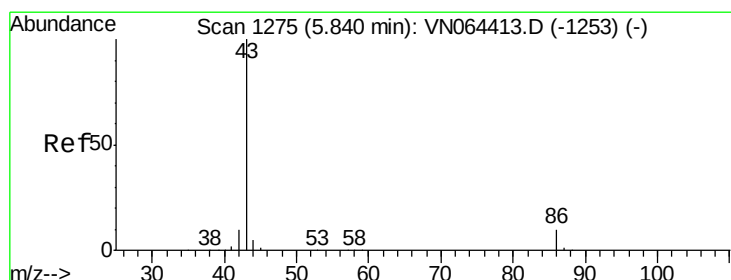
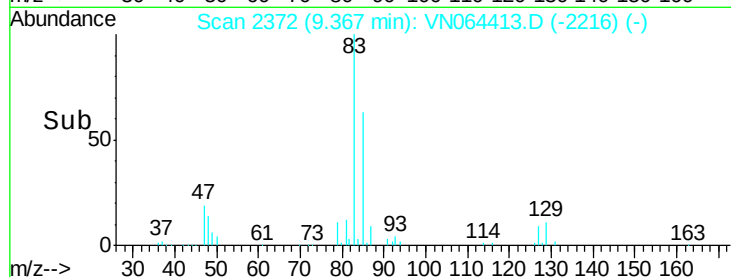
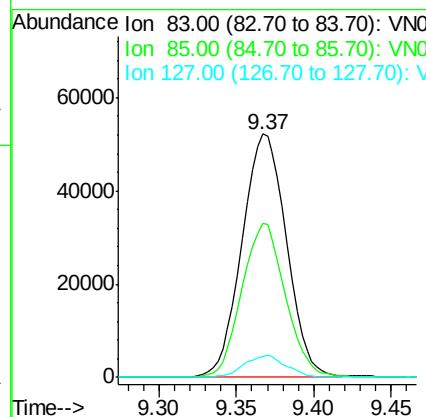
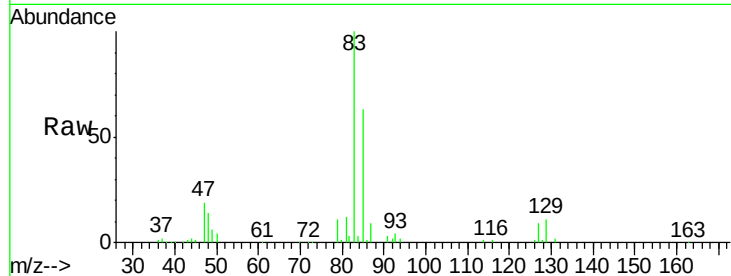
#41
 Bromodichloromethane
 Concen: 18.269 ug/l
 RT: 9.37 min Scan# 2372
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	83	Resp	104607
Ion Ratio	100	Lower	Upper
83	100		
85	63.1	50.5	75.7
127	8.8	7.0	10.6

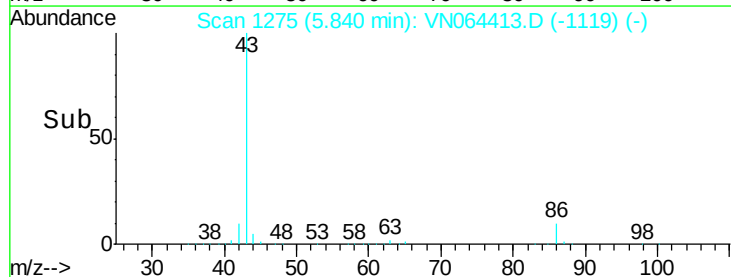
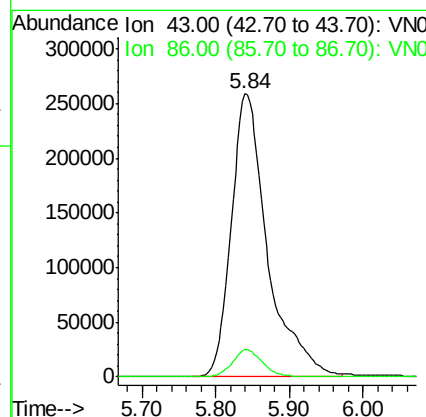
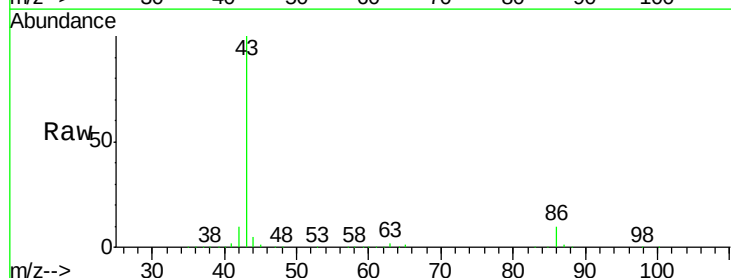
Manual Integrations
 APPROVED

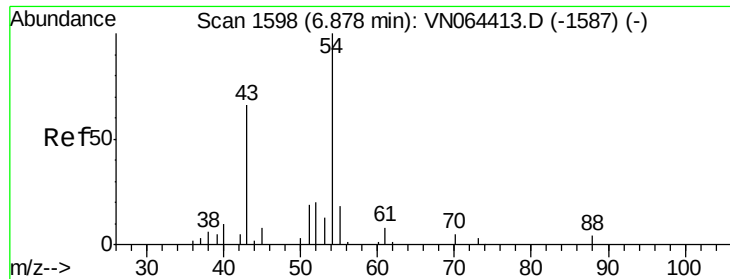
MMDadoda
 11/3/2020 2:20:43 PM



#42
 Vinyl Acetate
 Concen: 84.896 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion	43	Resp	886259
Ion Ratio	100	Lower	Upper
43	100		
86	8.1	6.5	9.7





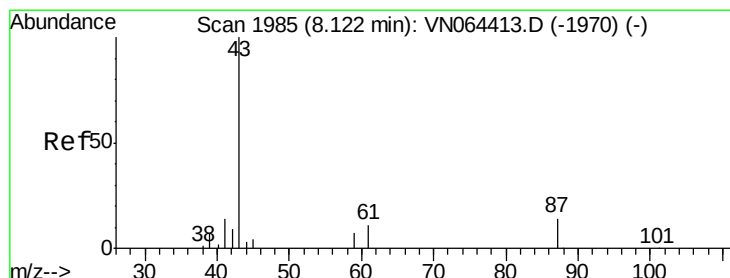
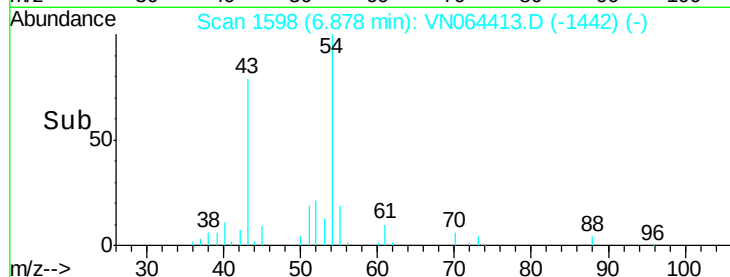
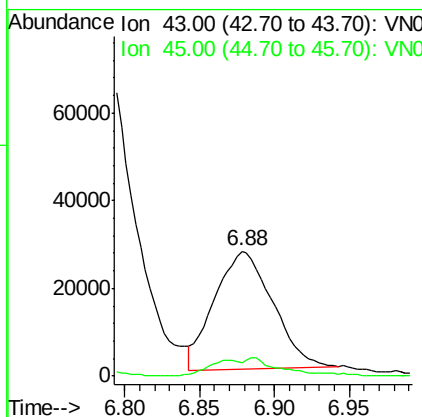
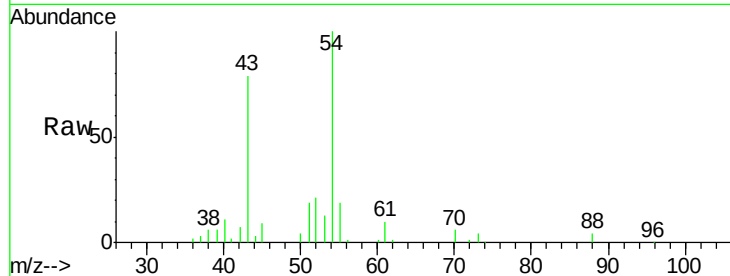
#43
Ethyl Acetate
Concen: 14.905 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 43 Resp: 72422
Ion Ratio Lower Upper
43 100
45 6.5 5.2 7.8

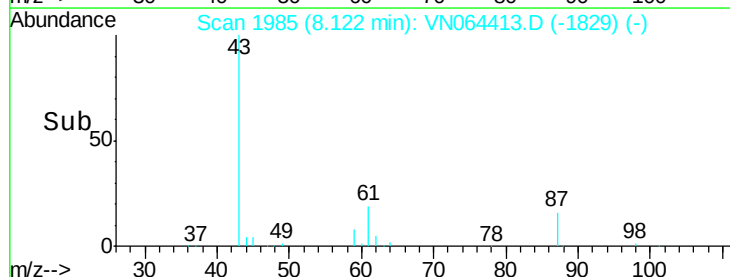
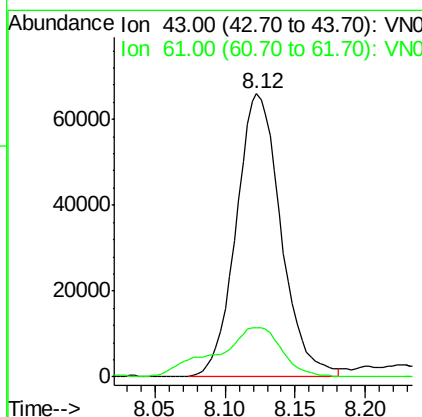
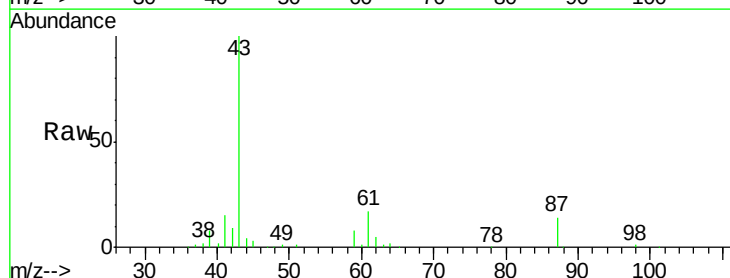
Manual Integrations
APPROVED

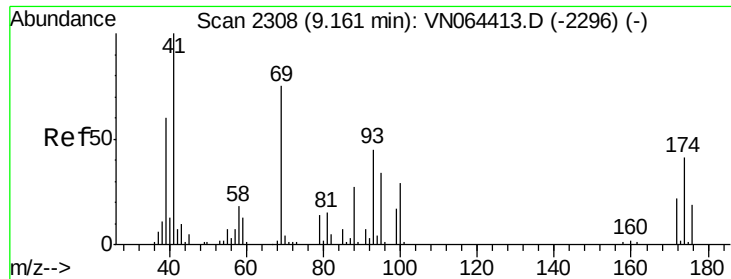
MMDadoda
11/3/2020 2:20:43 PM



#44
Isopropyl Acetate
Concen: 16.194 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 43 Resp: 146698
Ion Ratio Lower Upper
43 100
61 25.5 0.2 0.4#





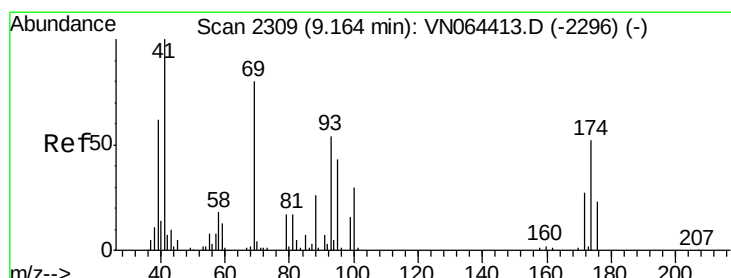
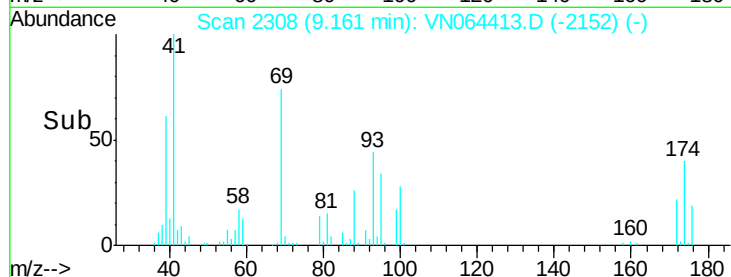
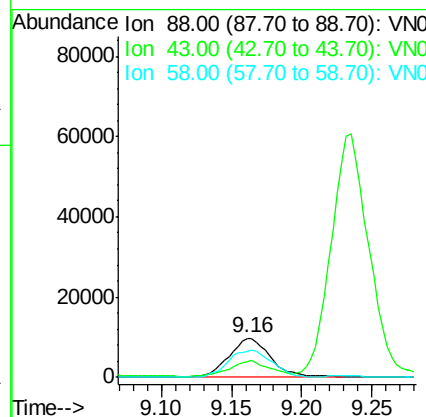
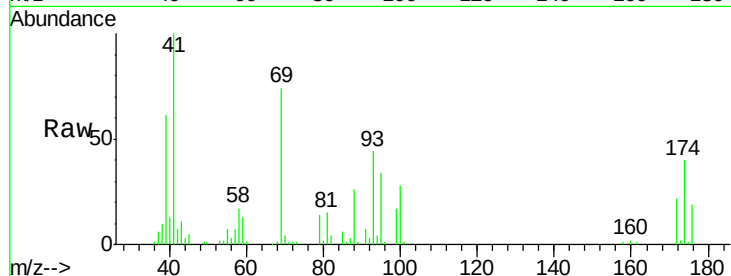
#45
 1,4-Dioxane
 Concen: 291.889 ug/l
 RT: 9.16 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	88	Resp	20059
Ion Ratio	100	Lower	Upper
43	40.0	32.0	48.0
58	73.9	59.1	88.7

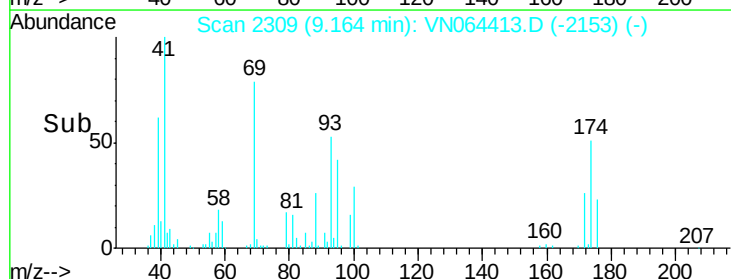
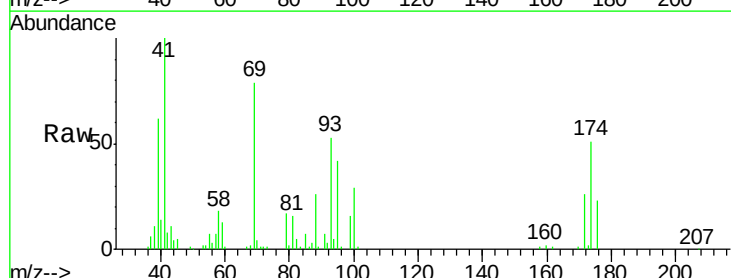
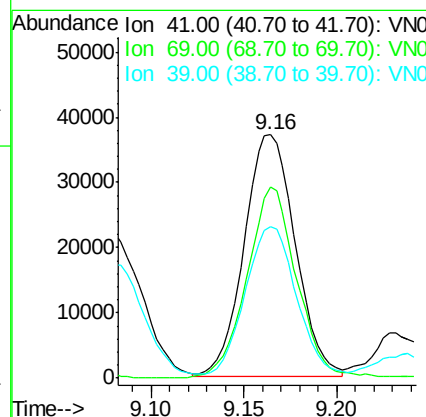
Manual Integrations
 APPROVED

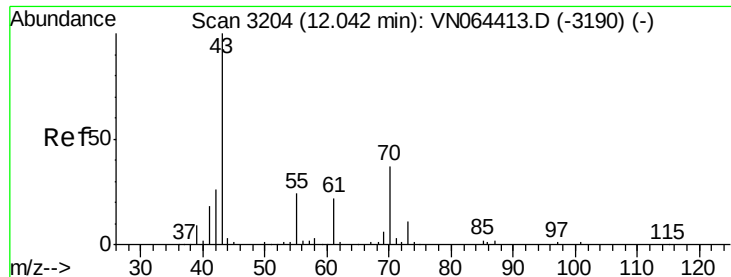
MMDadoda
 11/3/2020 2:20:43 PM



#46
 Methyl methacrylate
 Concen: 16.189 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion	41	Resp	71436
Ion Ratio	100	Lower	Upper
69	79.6	39.8	119.4
39	61.0	30.5	91.5





#47

n-amvl Acetate

Concen: 15.785 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 43 Resp: 120384

Ion Ratio Lower Upper

43 100

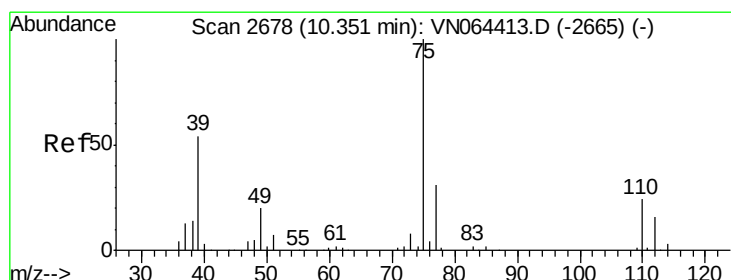
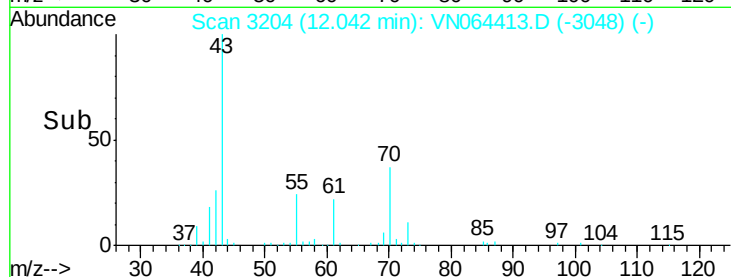
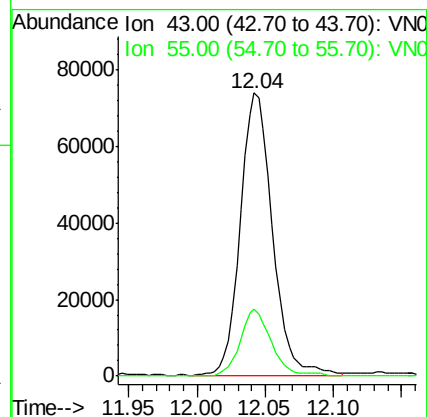
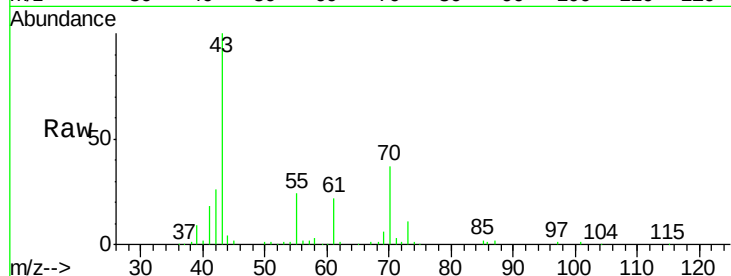
55 22.6 18.1 27.1

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.159 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064413.D

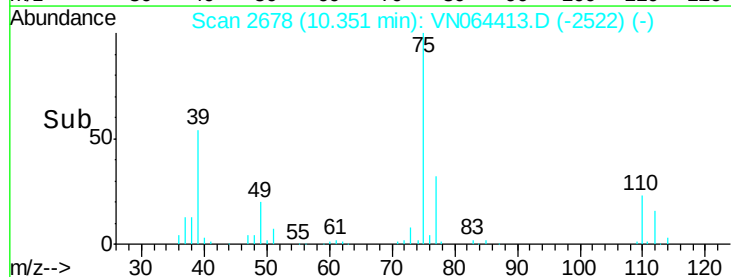
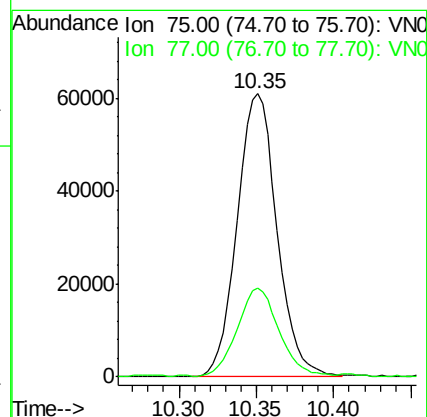
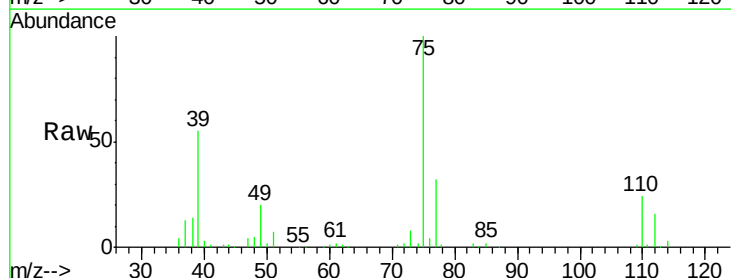
Acq: 2 Nov 2020 14:14

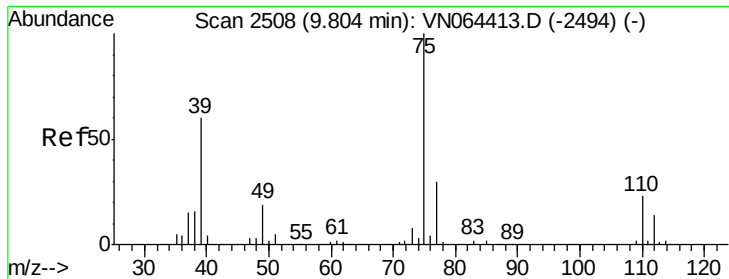
Tgt Ion: 75 Resp: 109071

Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3





#49

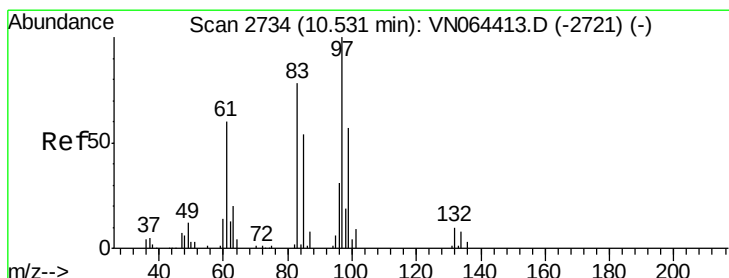
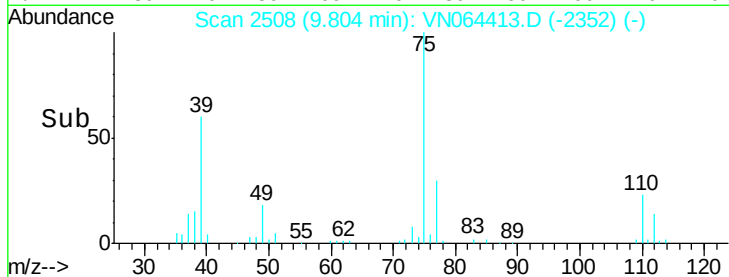
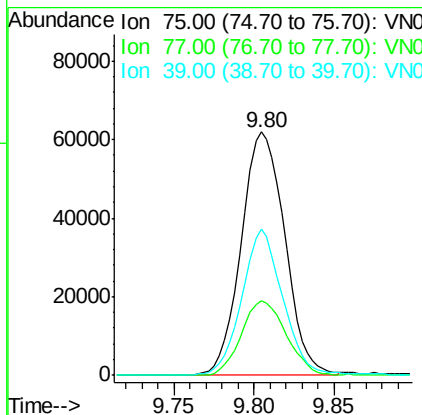
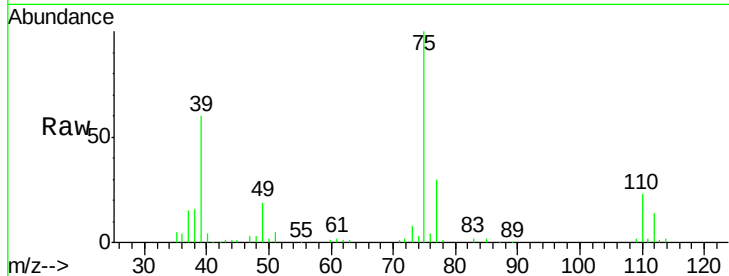
cis-1,3-Dichloropropene
Concen: 17.607 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.3	36.5
39	60.0	48.0	72.0

Manual Integrations
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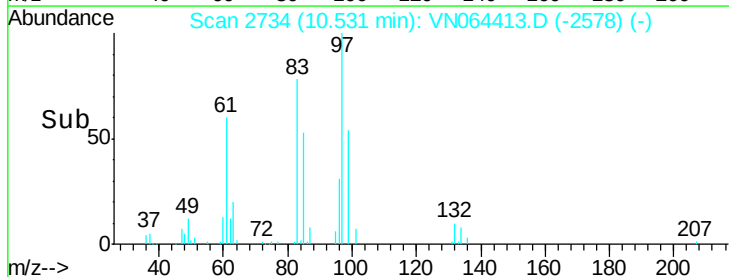
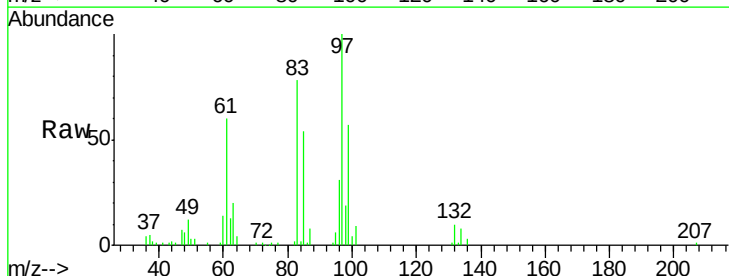
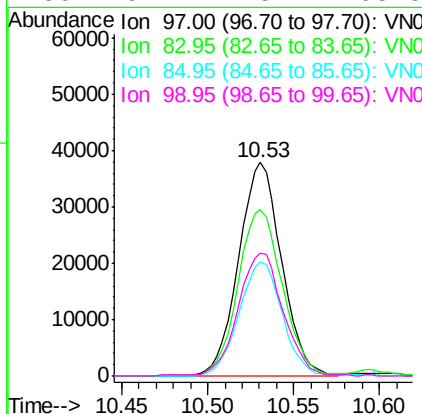
MMDadoda
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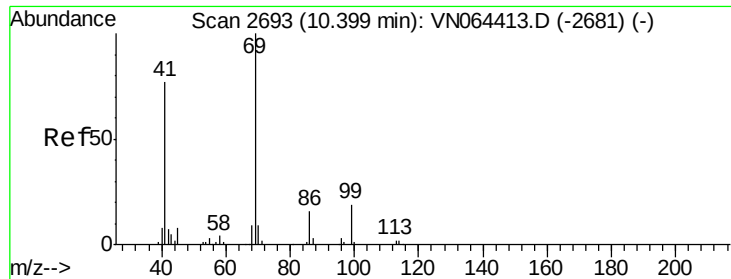


#50

1,1,2-Trichloroethane
Concen: 18.574 ug/l
RT: 10.53 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.0	62.4	93.6
85	53.6	42.9	64.3
99	57.1	45.7	68.5





#51

Ethyl methacrylate

Concen: 16.416 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

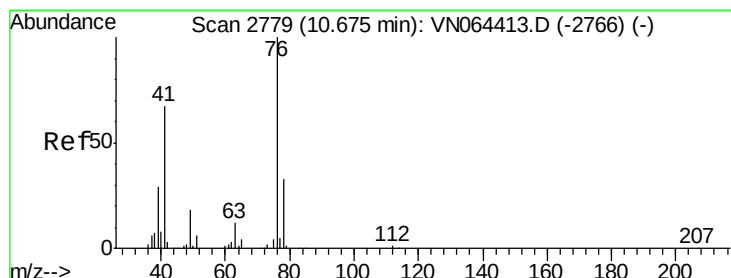
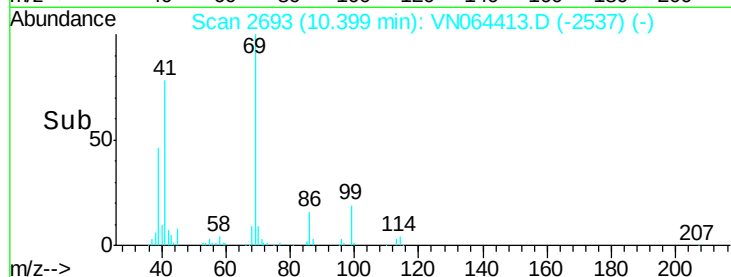
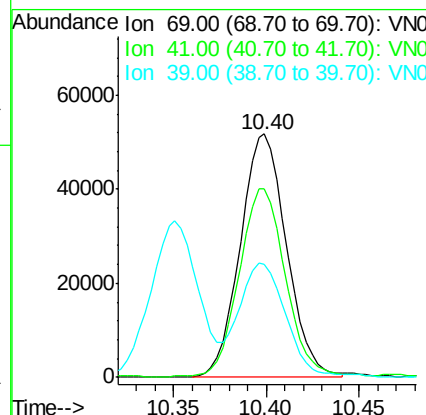
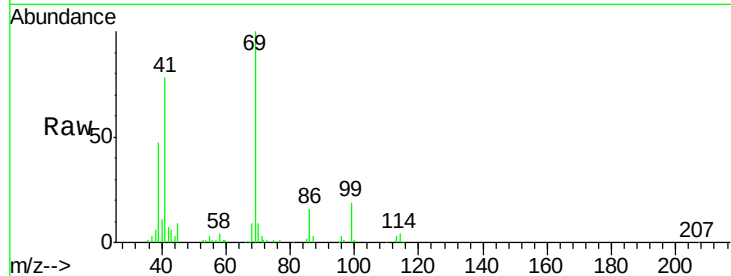
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	89441
Ion	Ratio	Lower	Upper
69	100		
41	76.8	38.4	115.2
39	45.3	22.7	68.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.127 ug/l

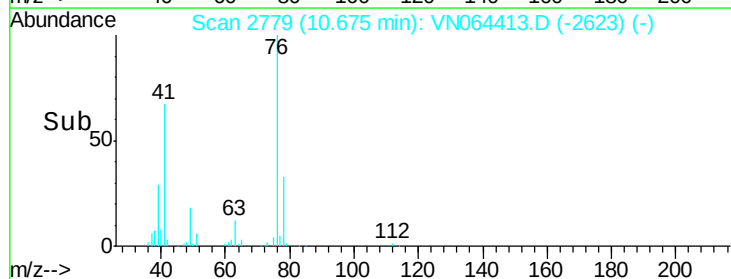
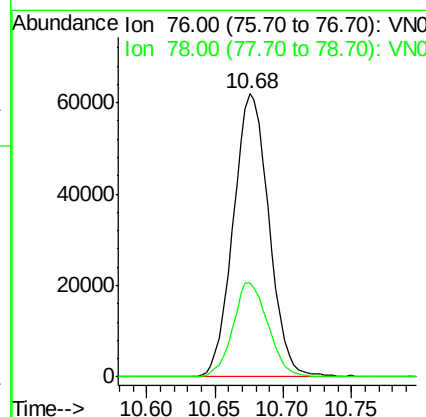
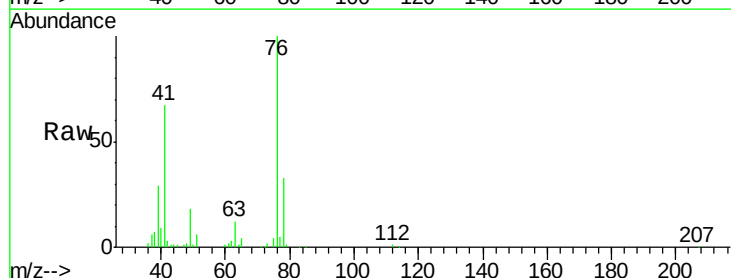
RT: 10.68 min Scan# 2779

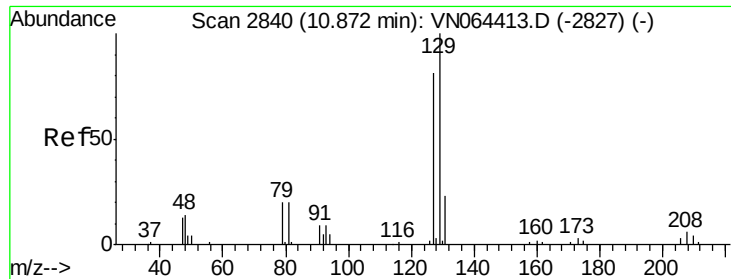
Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Tgt Ion:	76	Resp:	112641
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	65.2





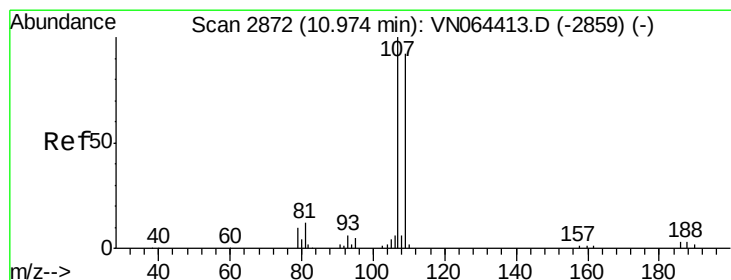
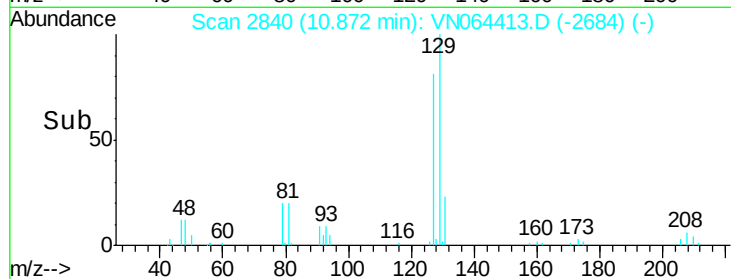
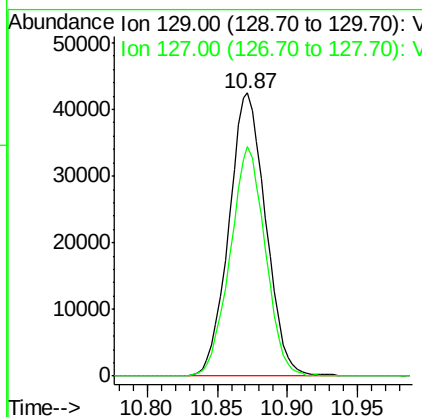
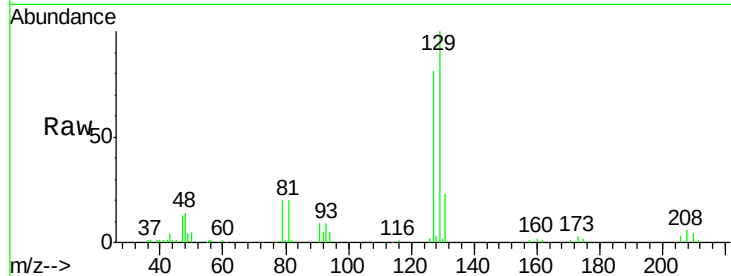
#53
 Dibromochloromethane
 Concen: 17.932 ug/l
 RT: 10.87 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion:129 Resp: 77638
 Ion Ratio Lower Upper
 129 100
 127 77.1 38.6 115.7

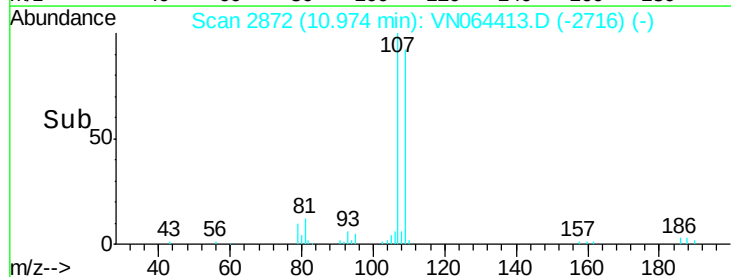
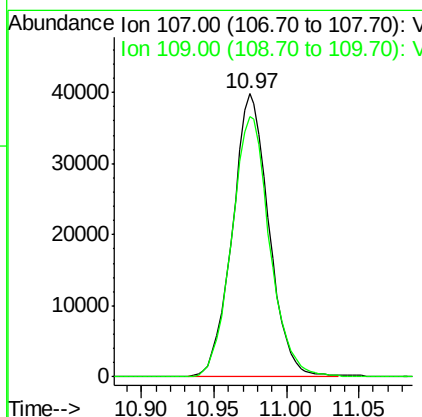
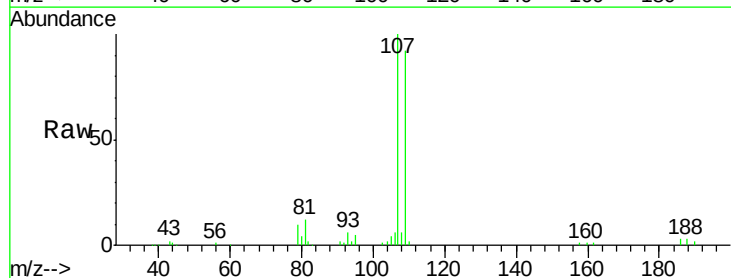
Manual Integrations
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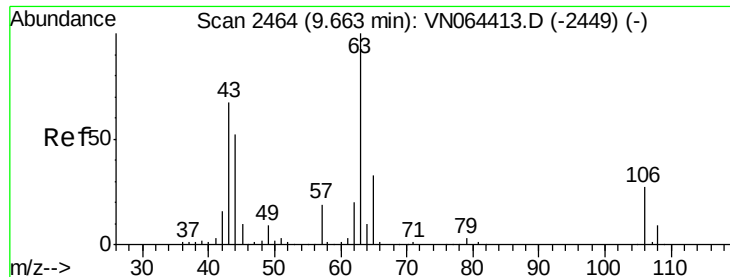
MMDadoda
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#54
 1,2-Dibromoethane
 Concen: 18.363 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion:107 Resp: 69588
 Ion Ratio Lower Upper
 107 100
 109 95.6 76.5 114.7





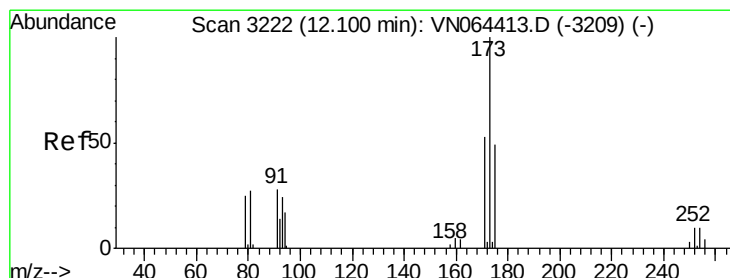
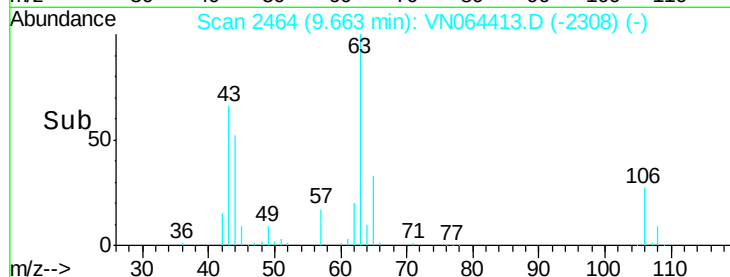
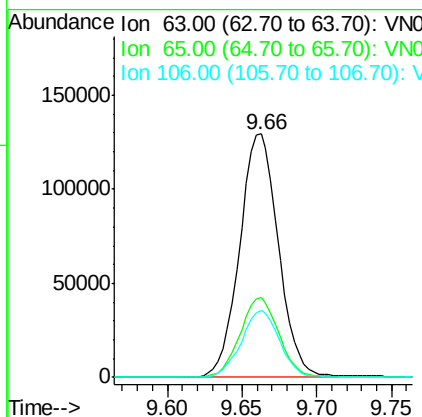
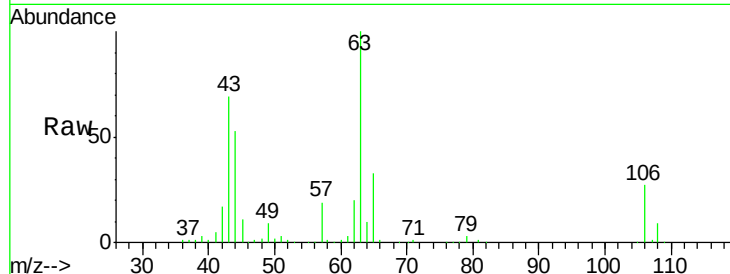
#55
2-Chloroethyl vinyl ether
Concen: 85.745 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.8	26.2	39.4
106	27.2	21.8	32.6

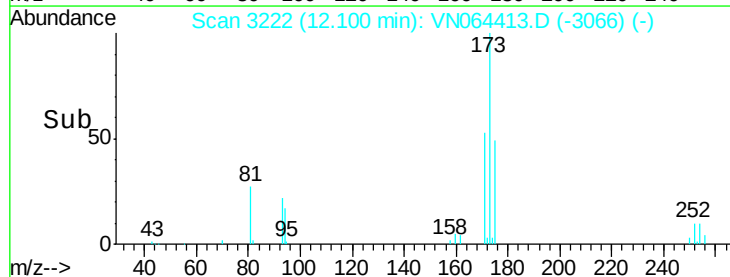
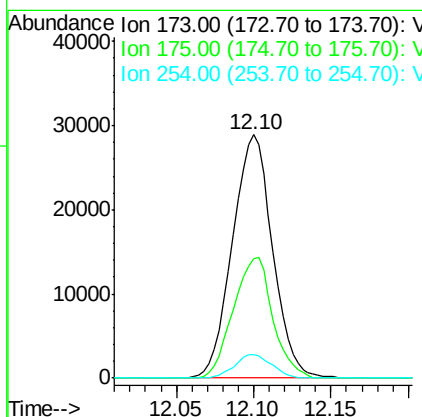
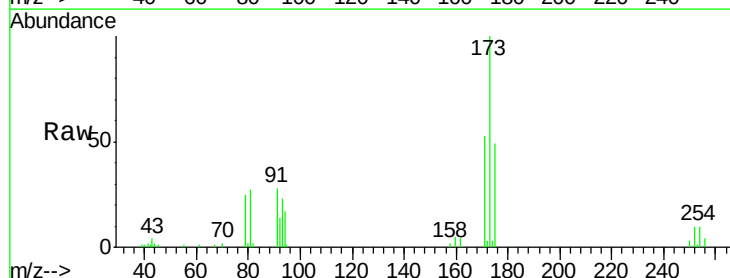
Manual Integrations
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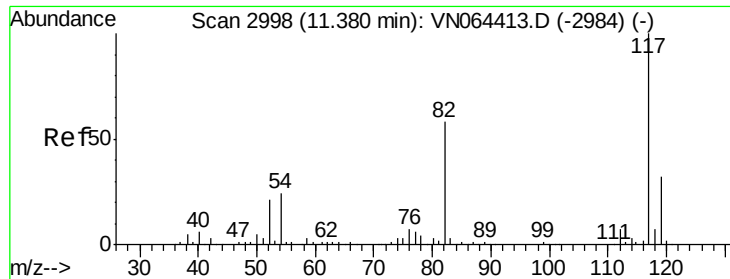
MMDadoda
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#56
Bromoform
Concen: 17.014 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.4
254	8.8	7.0	10.6





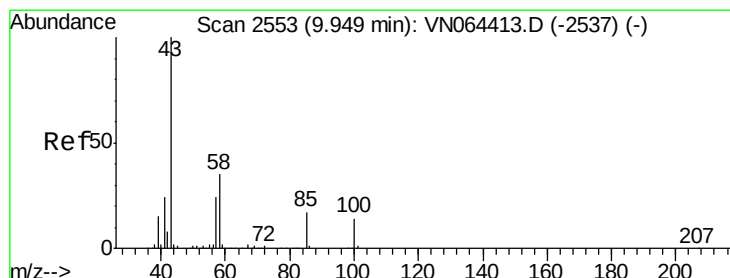
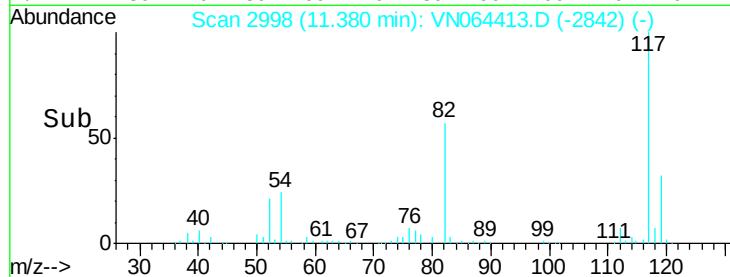
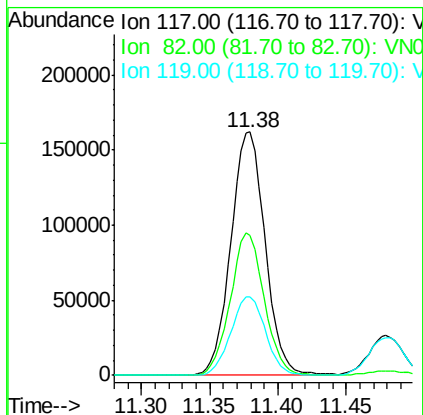
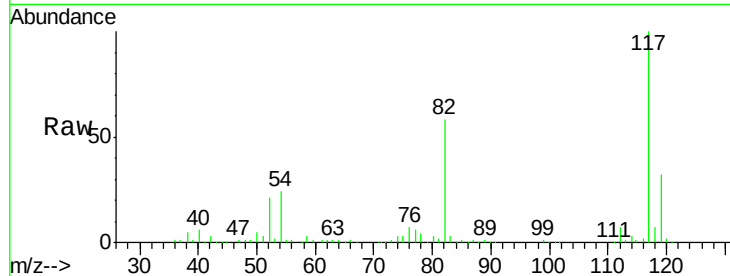
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.1	69.1
119	32.7	26.2	39.2

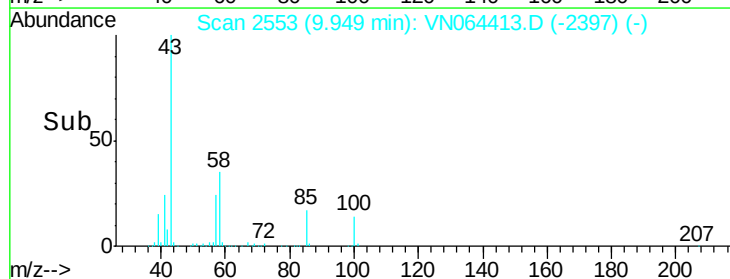
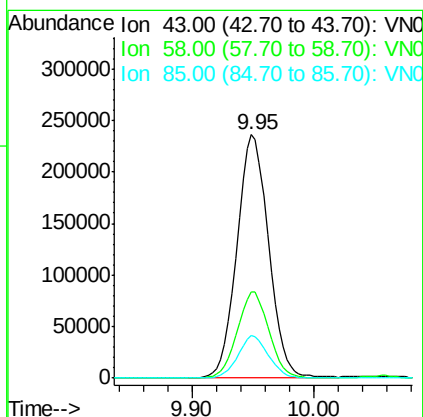
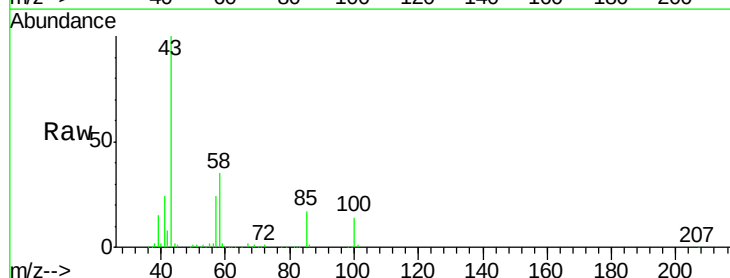
Manual Integrations
APPROVED

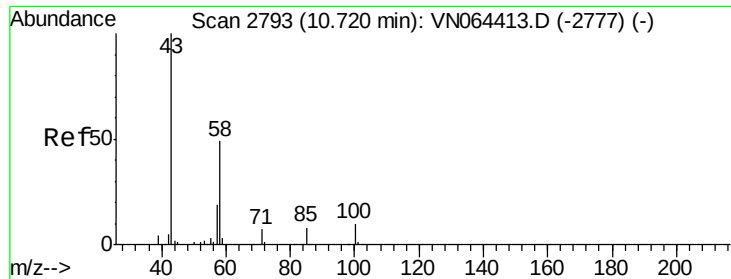
MMDadoda
11/3/2020 2:20:43 PM



#58
4-Methyl-2-Pentanone
Concen: 82.855 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.6	43.0
85	16.9	13.5	20.3





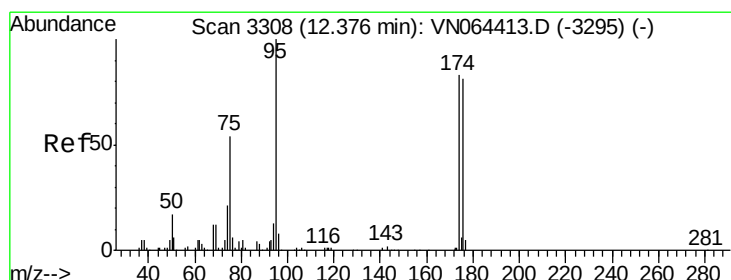
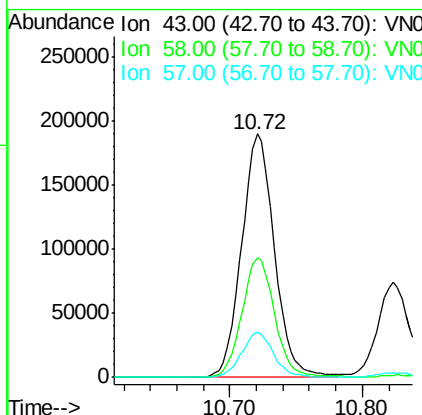
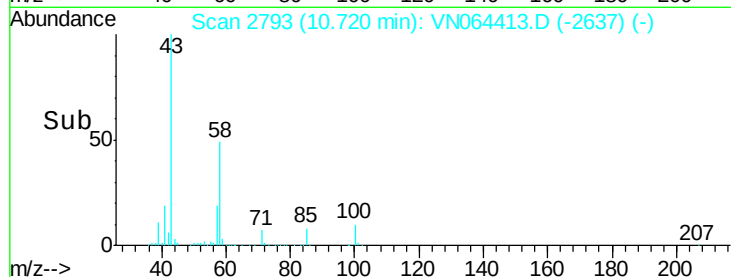
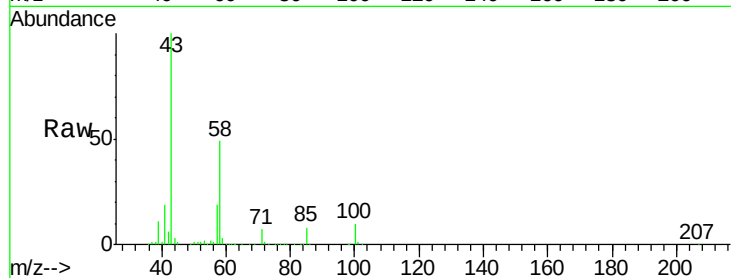
#59
2-Hexanone
Concen: 84.918 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.2	39.4	59.0
57	18.0	14.4	21.6

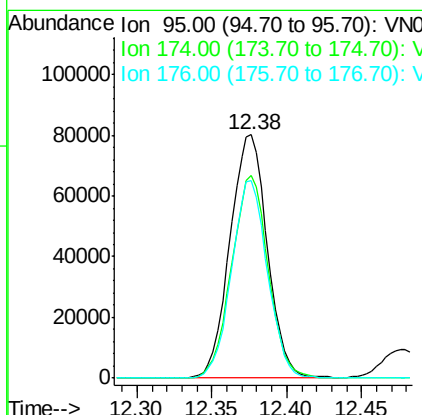
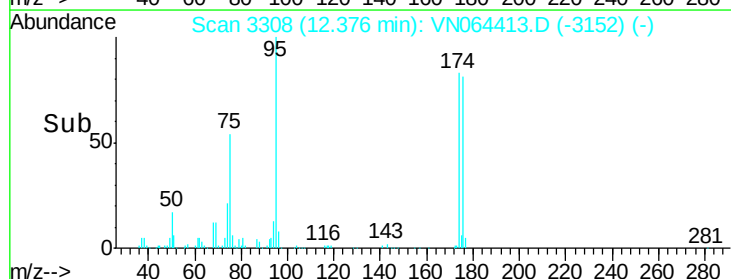
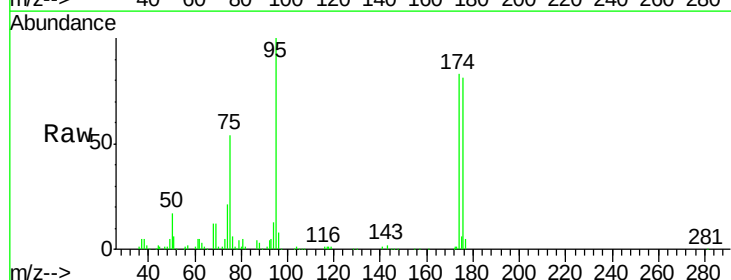
Manual Integrations
APPROVED

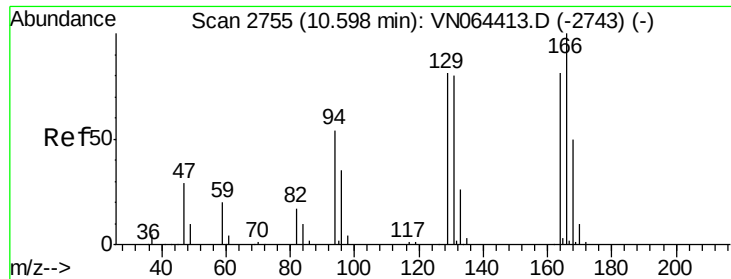
MMDadoda
11/3/2020 2:20:43 PM



#60
4-Bromofluorobenzene
Concen: 28.032 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.5	65.2	97.8
176	77.8	62.2	93.4





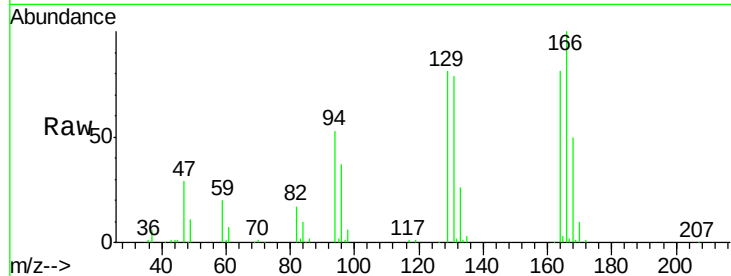
#61
Tetrachloroethene
Concen: 18.973 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.4	98.7	148.1
129	100.3	80.2	120.4
131	98.4	78.7	118.1

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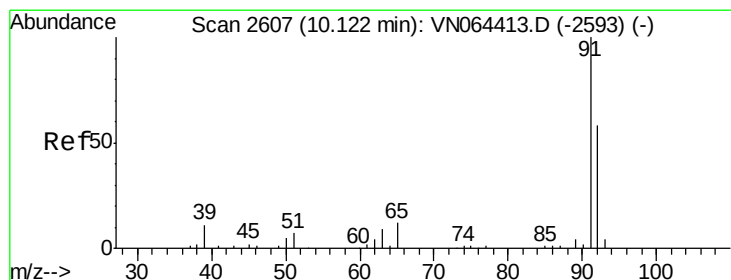
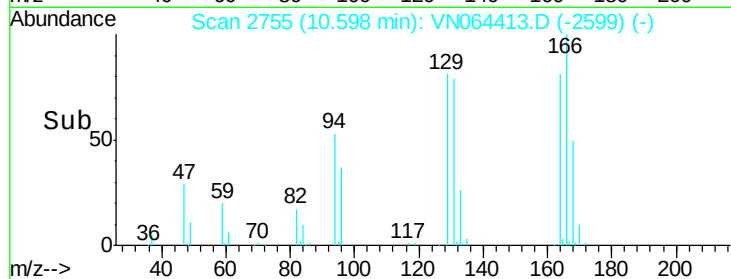
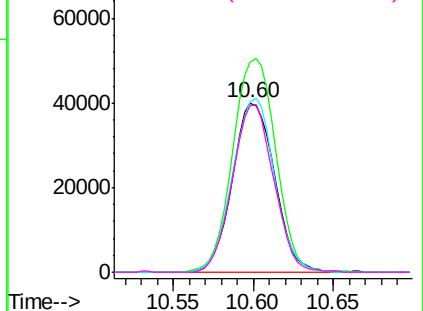
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

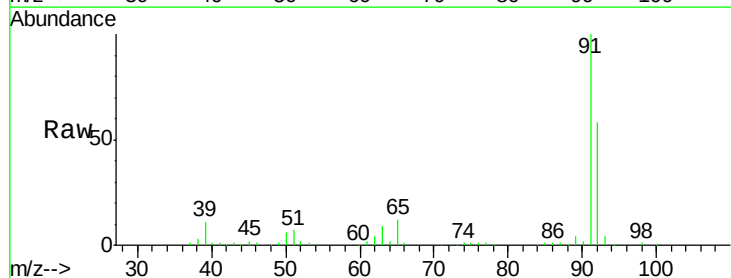
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 18.670 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

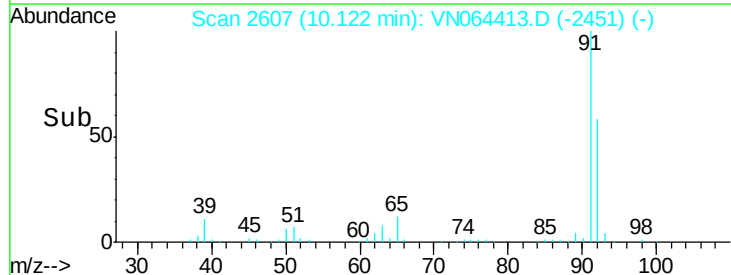
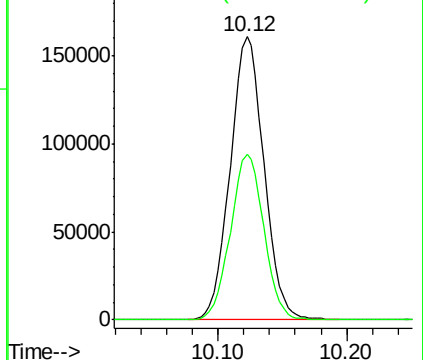
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.8	46.2	69.4

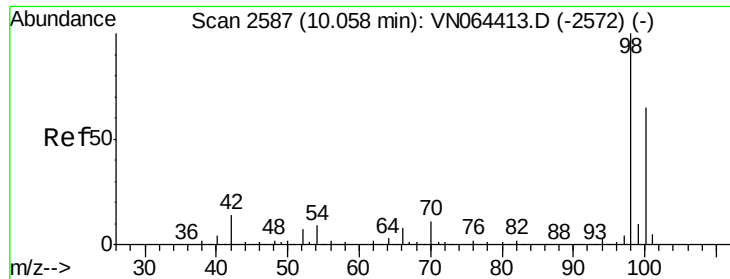


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





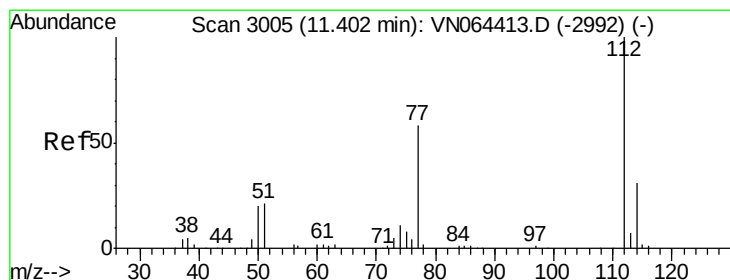
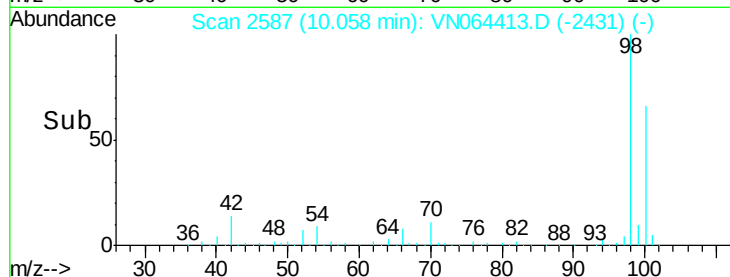
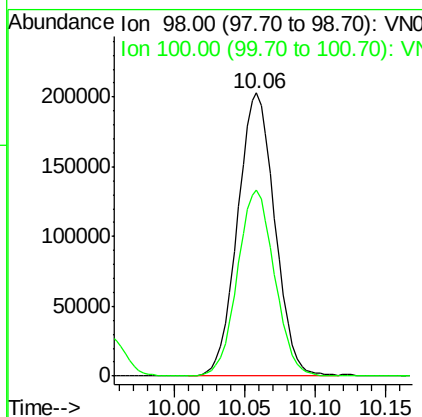
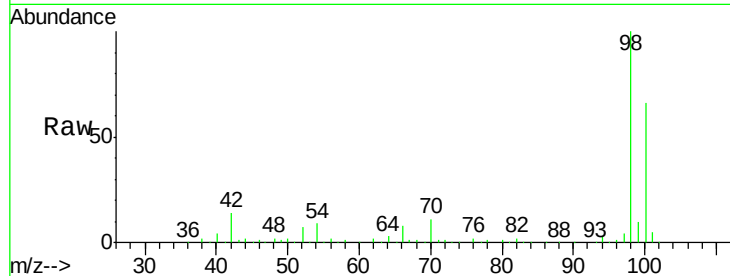
#63
Toluene-d8
Concen: 29.786 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion: 98 Resp: 375604
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

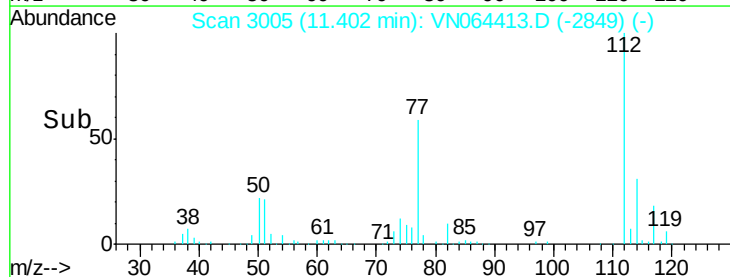
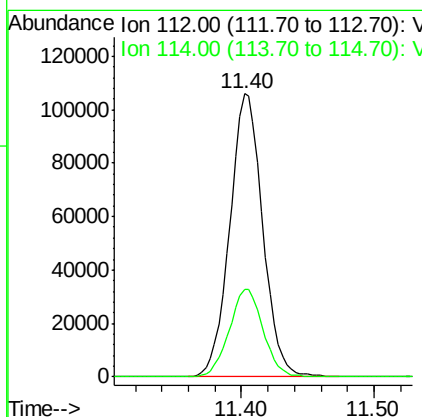
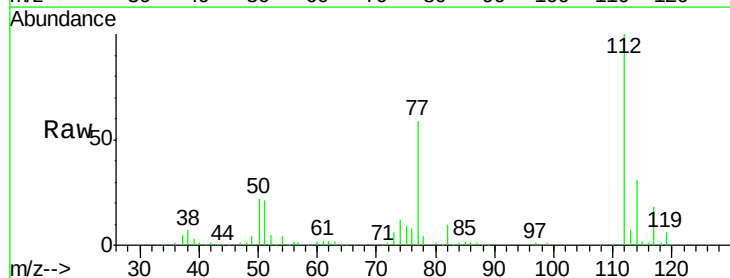
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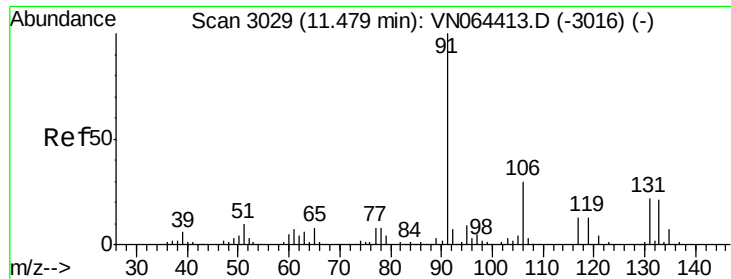
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#64
Chlorobenzene
Concen: 18.644 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 112 Resp: 182381
Ion Ratio Lower Upper
112 100
114 31.0 24.8 37.2





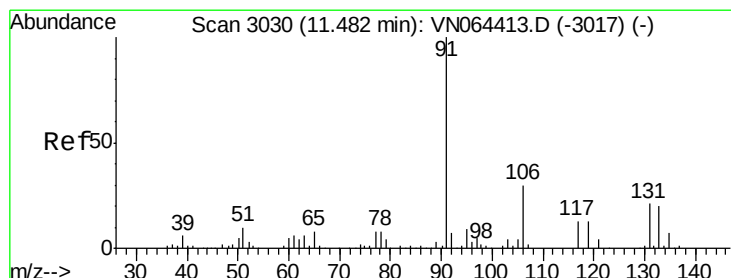
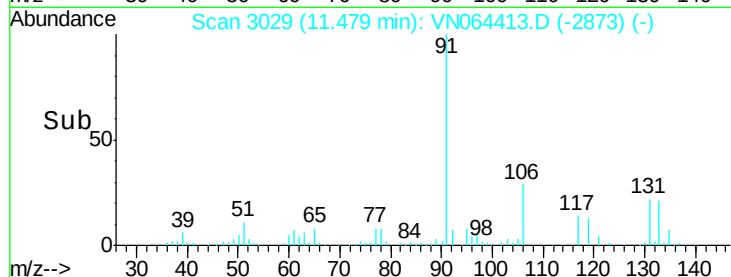
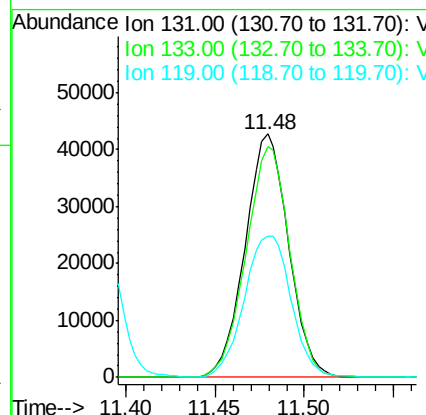
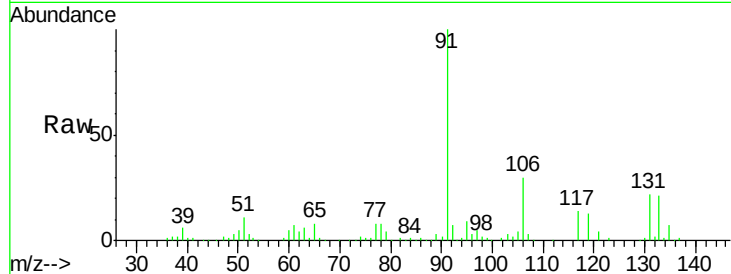
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.867 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

Tot Ion:131 Resp: 72809
 Ion Ratio Lower Upper
 131 100
 133 95.6 0.0 191.2
 119 62.8 0.0 125.6

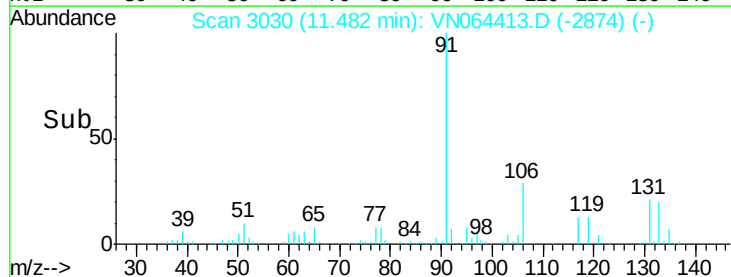
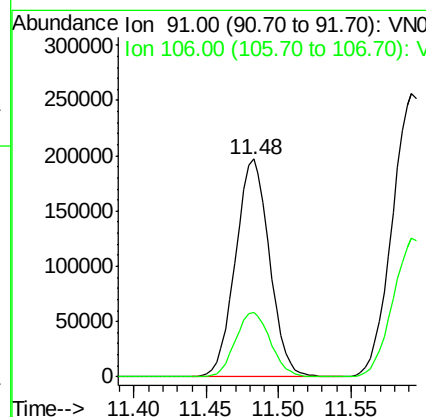
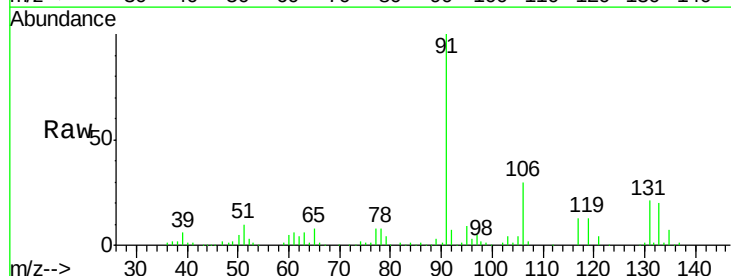
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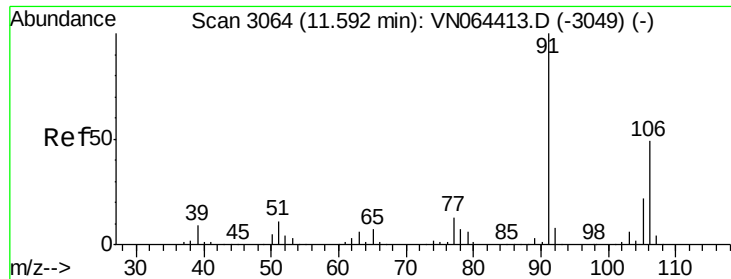
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#66
 Ethyl Benzene
 Concen: 18.125 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 91 Resp: 321269
 Ion Ratio Lower Upper
 91 100
 106 29.9 23.9 35.9





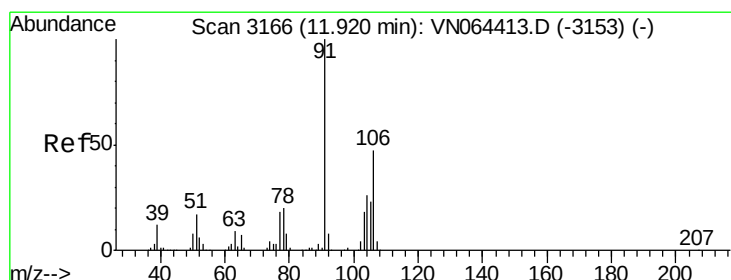
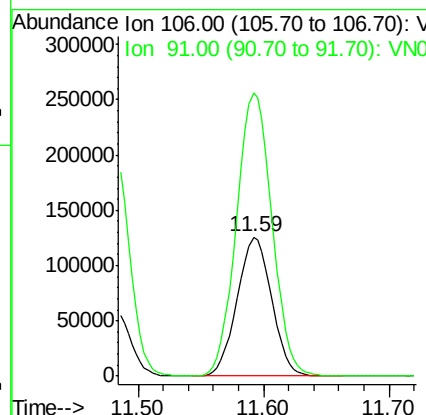
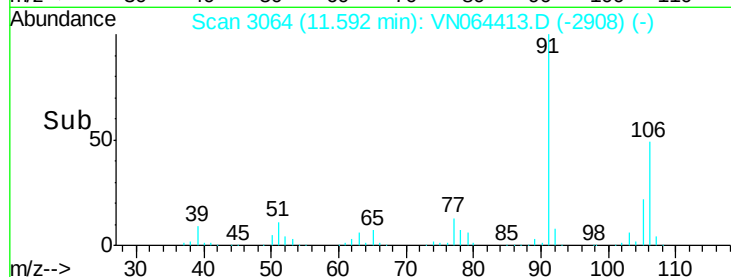
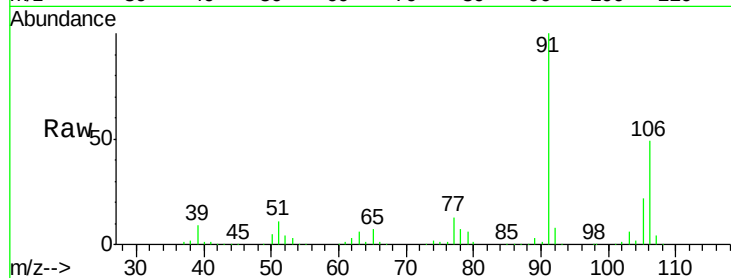
#67
m/p-Xylenes
Concen: 36.672 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion:106 Resp: 240752
Ion Ratio Lower Upper
106 100
91 208.5 166.8 250.2

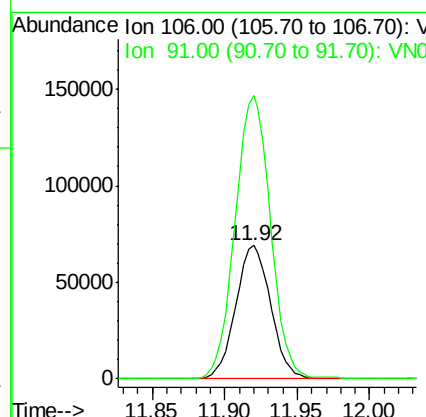
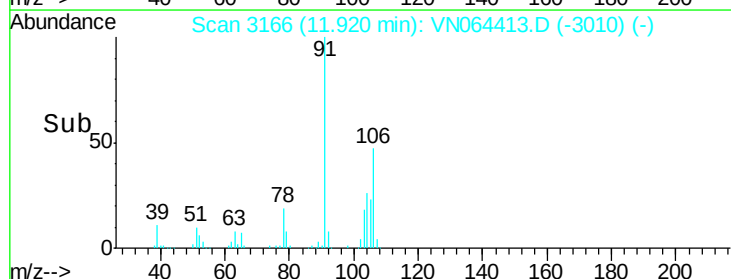
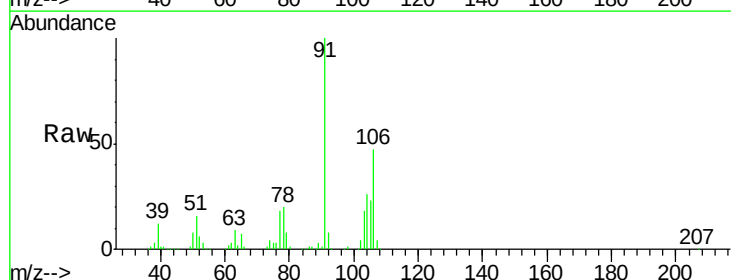
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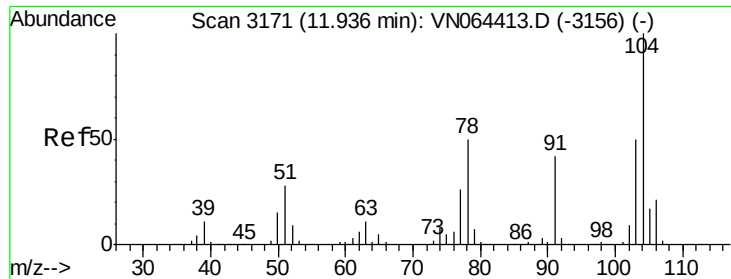
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#68
o-Xylene
Concen: 17.996 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion:106 Resp: 115957
Ion Ratio Lower Upper
106 100
91 213.4 106.7 320.1





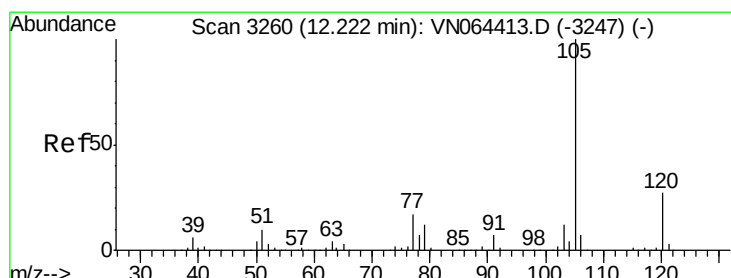
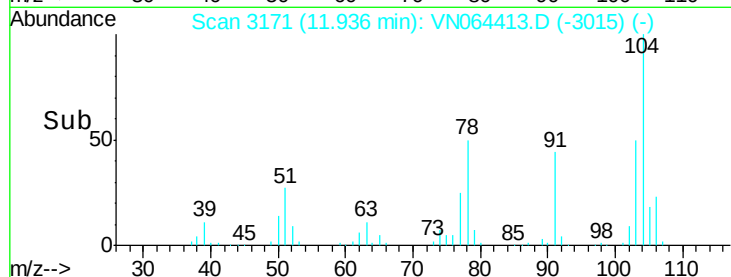
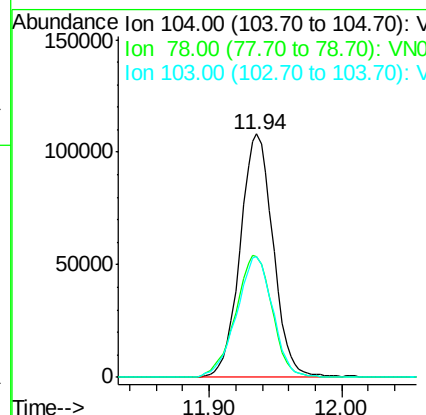
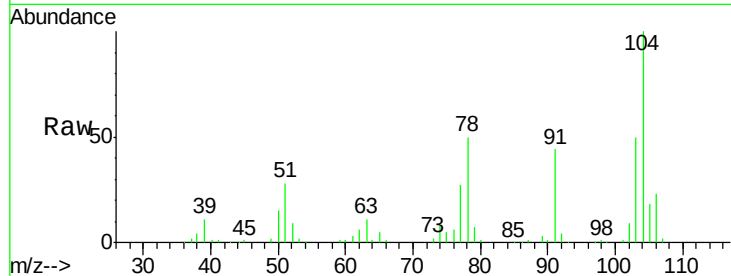
#69
Stvrene
Concen: 17.553 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.4	44.3	66.5
103	54.4	43.5	65.3

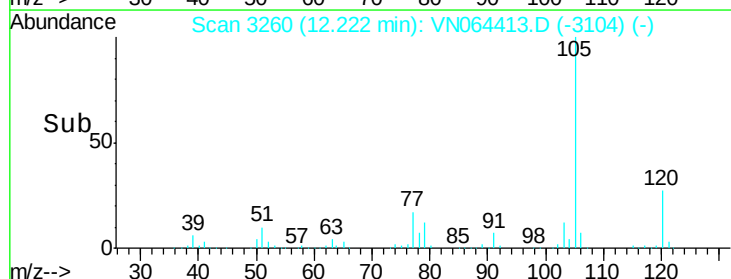
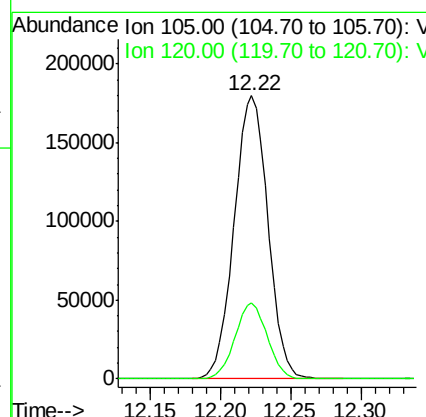
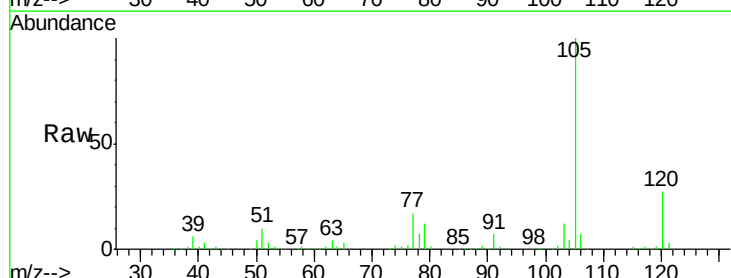
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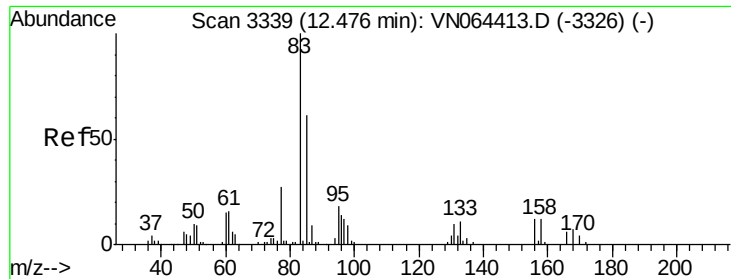
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#70
Isopropylbenzene
Concen: 17.779 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	18.0	33.4





#71

1,1,2,2-Tetrachloroethane

Concen: 17.781 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

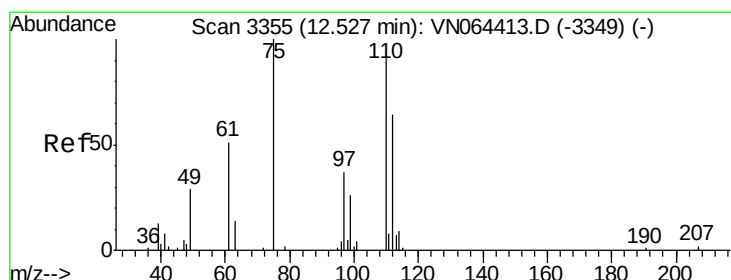
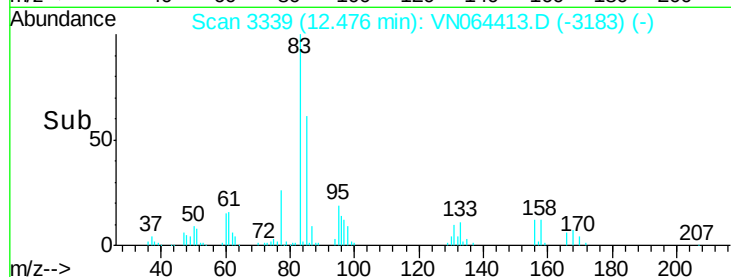
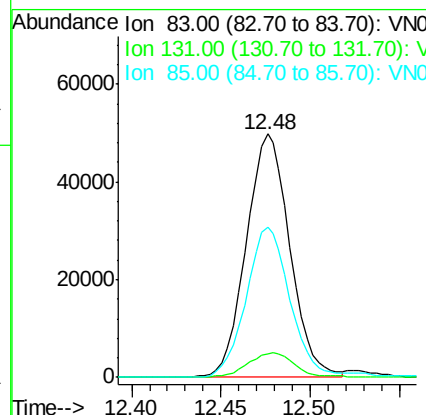
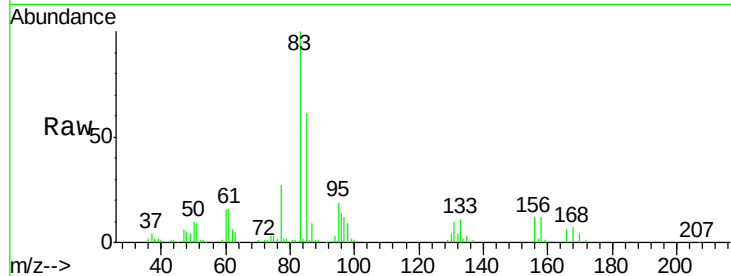
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	85141
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	61.8	30.9	92.7

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#72

1,2,3-Trichloropropane

Concen: 17.375 ug/l m

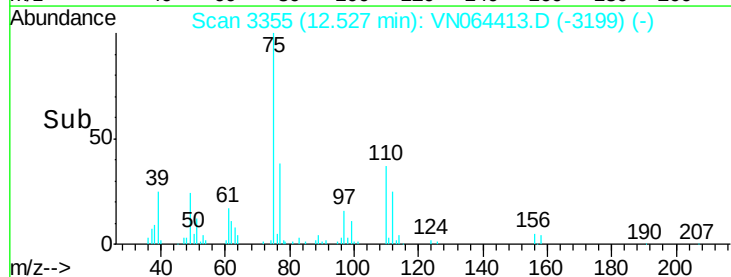
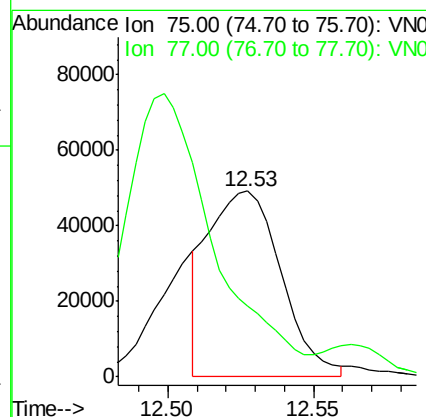
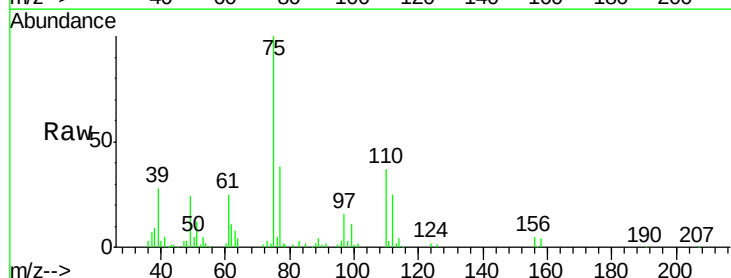
RT: 12.53 min Scan# 3355

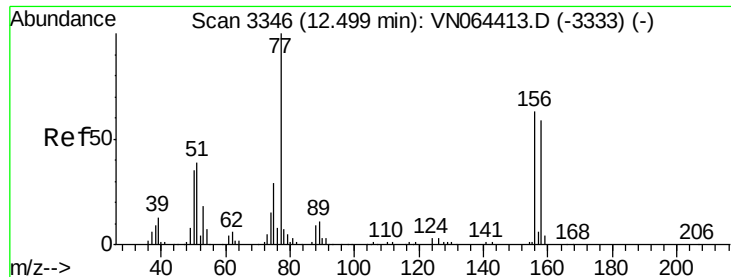
Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Tgt Ion:	75	Resp:	86126
Ion Ratio	Lower	Upper	
75	100		
77	187.1	0.0	374.2





#73

Bromobenzene

Concen: 18.711 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

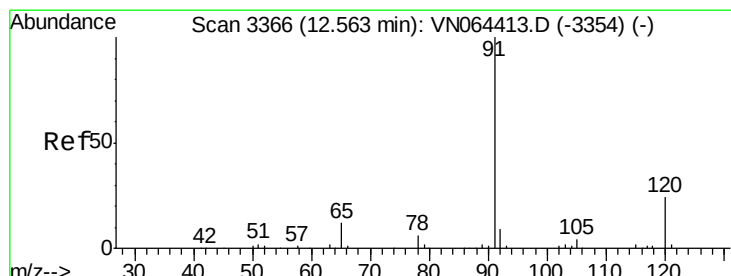
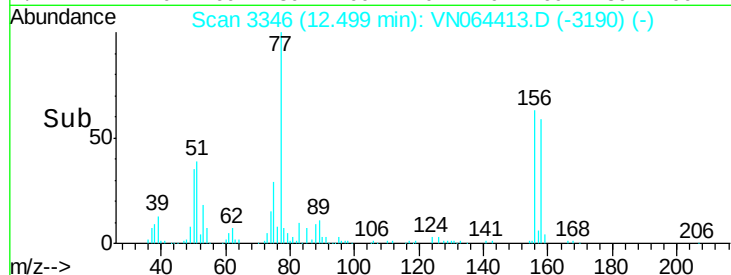
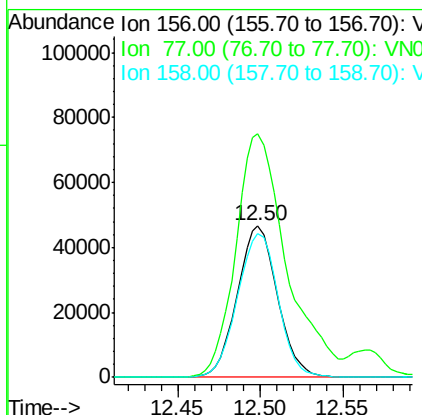
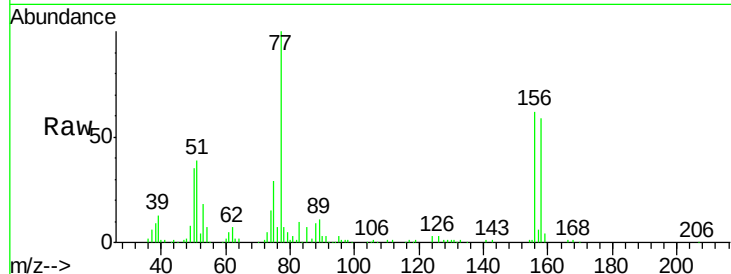
ClientSampleId :

VSTDICCC020

Tot Ion:	156	Resp:	78744
Ion	Ratio	Lower	Upper
156	100		
77	204.7	0.0	409.4
158	96.0	0.0	192.0

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#74

n-propylbenzene

Concen: 17.069 ug/l

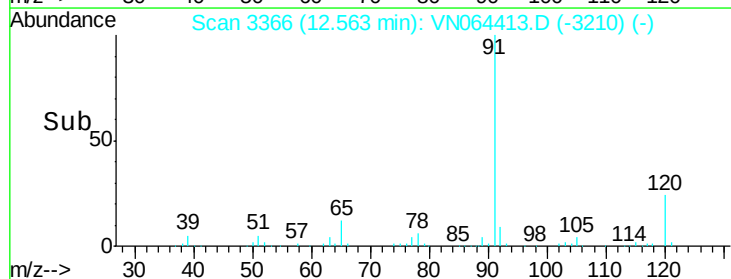
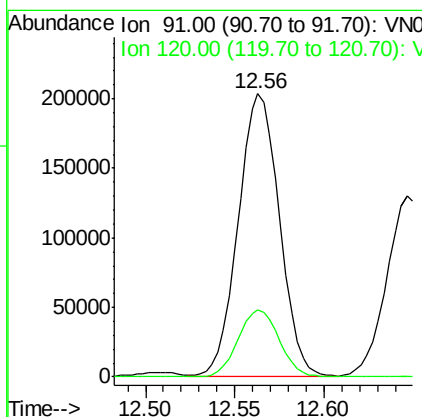
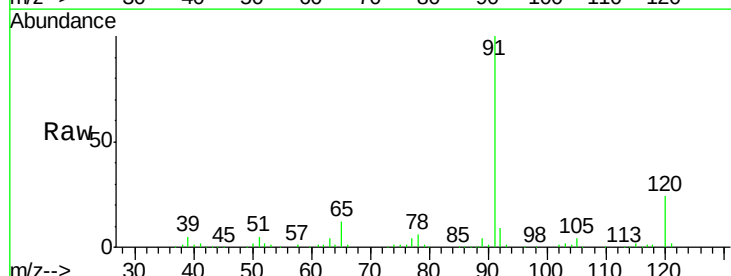
RT: 12.56 min Scan# 3366

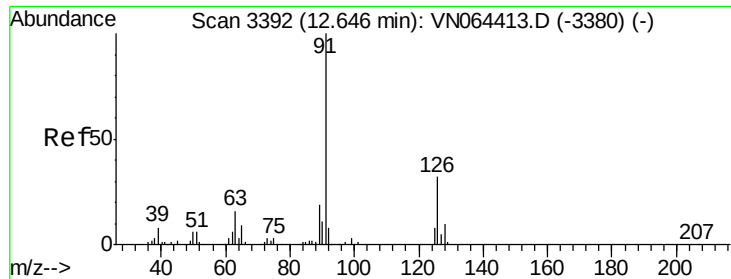
Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Tgt Ion:	91	Resp:	327764
Ion	Ratio	Lower	Upper
91	100		
120	23.7	0.0	47.4





#75

2-Chlorotoluene

Concen: 17.829 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 212607

Ion Ratio Lower Upper

91 100

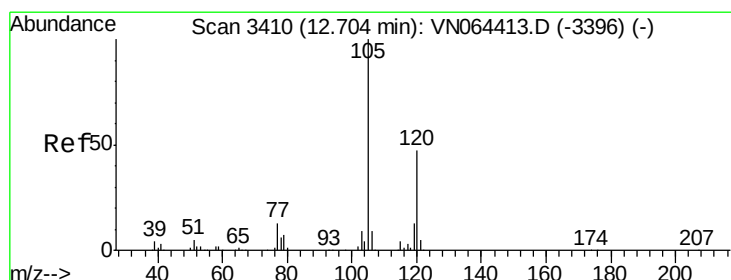
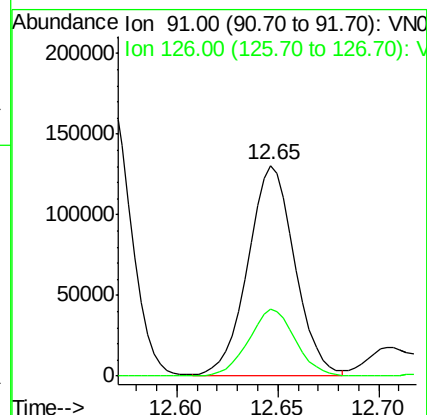
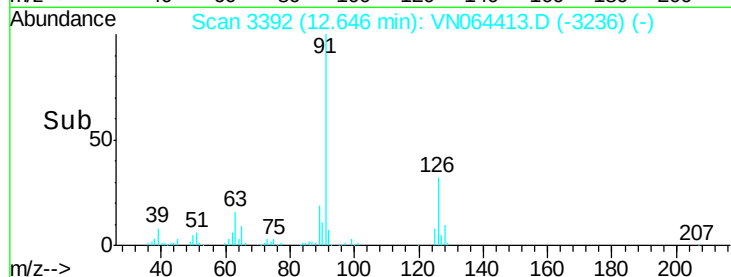
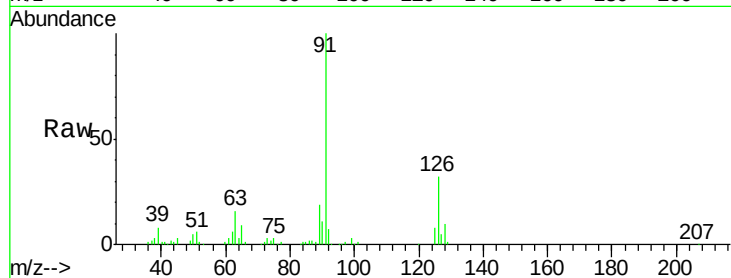
126 31.9 0.0 63.8

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#76

1,3,5-Trimethylbenzene

Concen: 17.150 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN064413.D

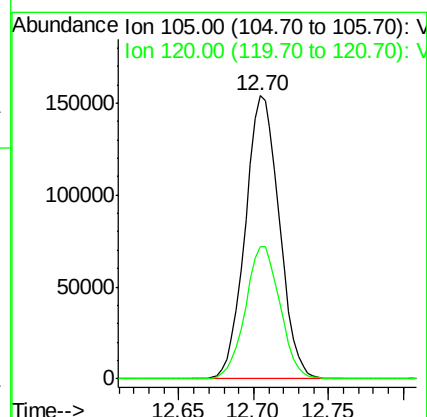
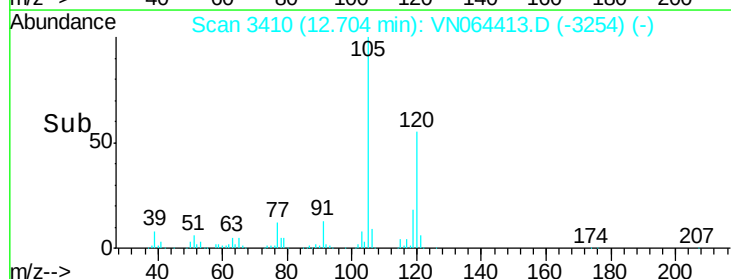
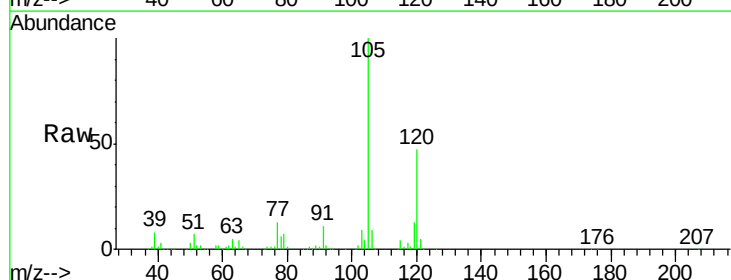
Acq: 2 Nov 2020 14:14

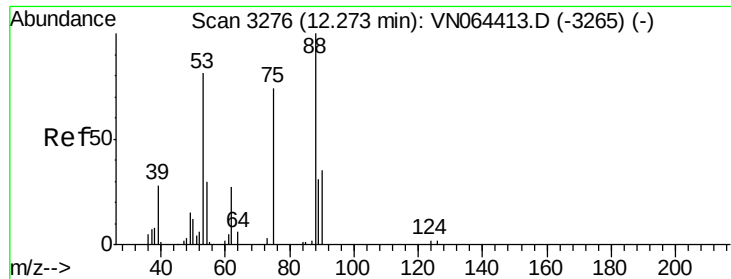
Tgt Ion: 105 Resp: 244325

Ion Ratio Lower Upper

105 100

120 47.5 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 15.936 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

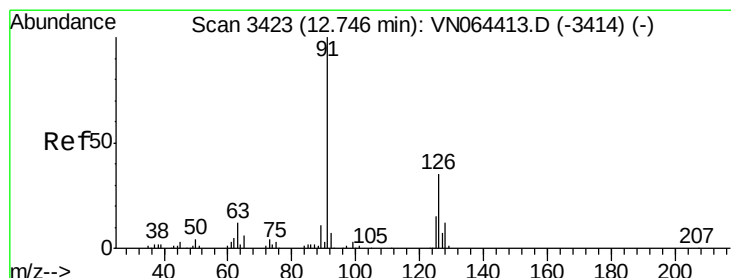
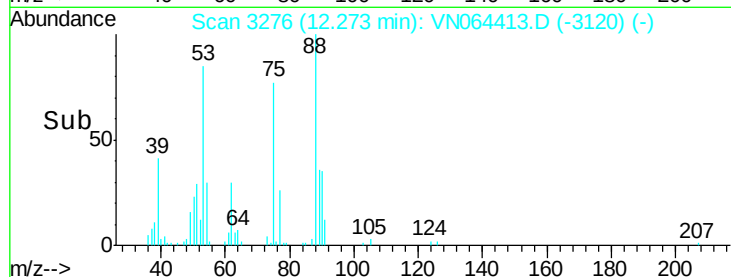
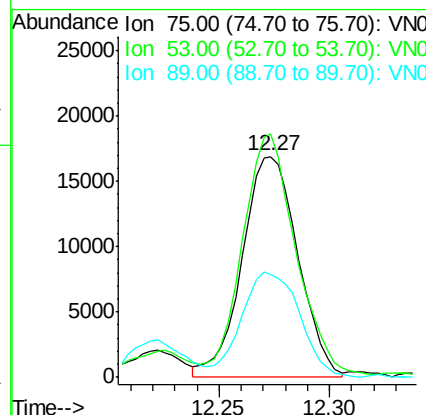
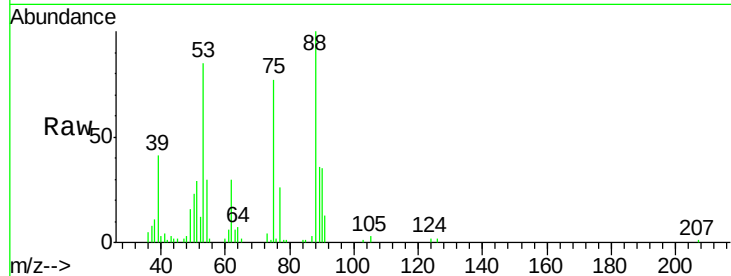
ClientSampleId :

VSTDICCC020

Tot Ion:	75	Resp:	29670
Ion	Ratio	Lower	Upper
75	100		
53	108.3	54.1	162.4
89	46.2	23.1	69.3

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#78

4-Chlorotoluene

Concen: 17.257 ug/l

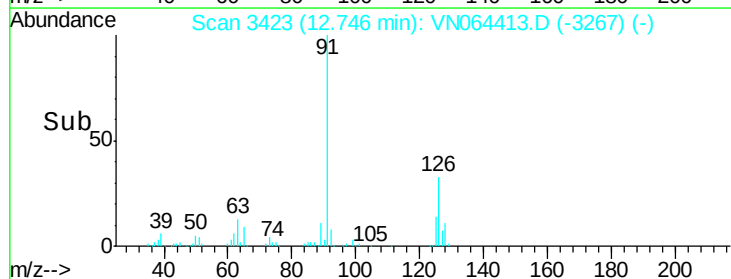
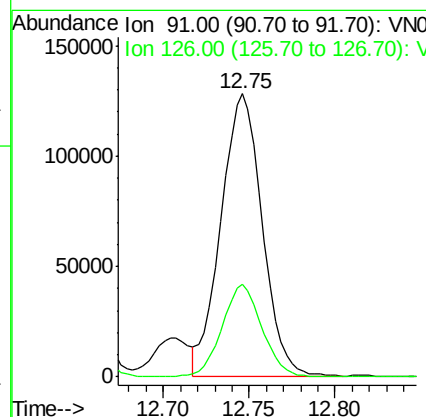
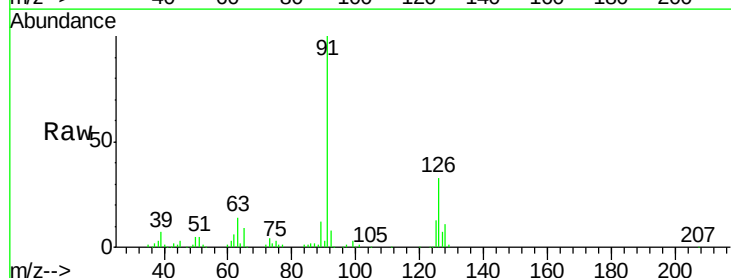
RT: 12.75 min Scan# 3423

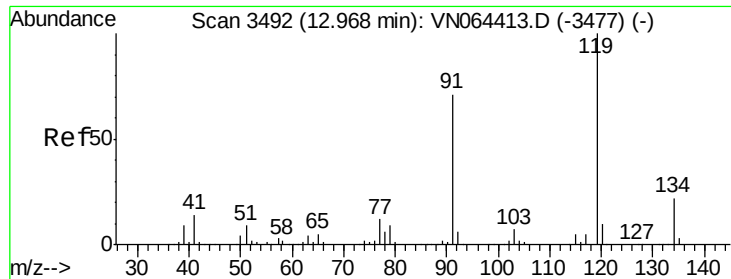
Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Tgt Ion:	91	Resp:	214801
Ion	Ratio	Lower	Upper
91	100		
126	31.6	0.0	63.2





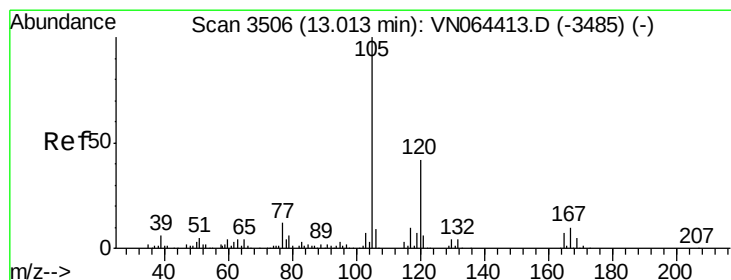
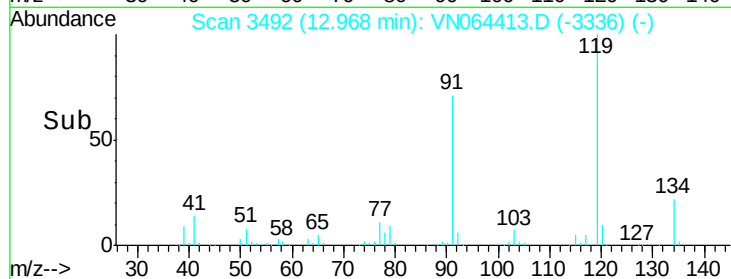
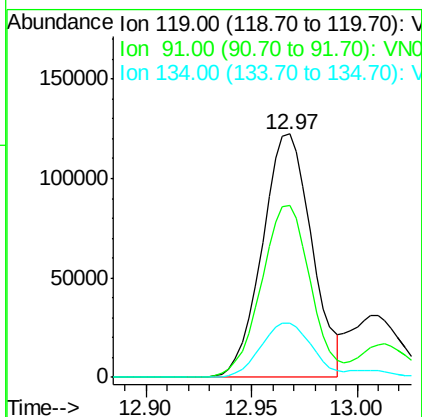
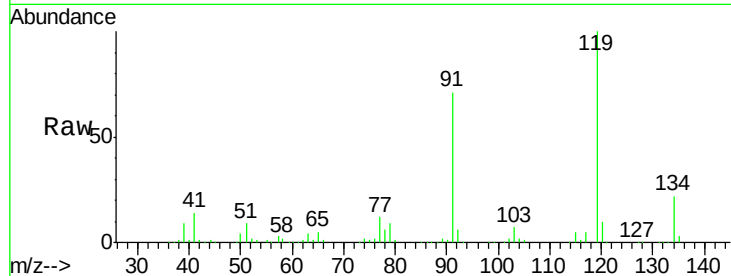
#79
 tert-butylbenzene
 Concen: 17.018 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	200319		
91	70.2	0.0	140.4	
134	23.1	0.0	46.2	

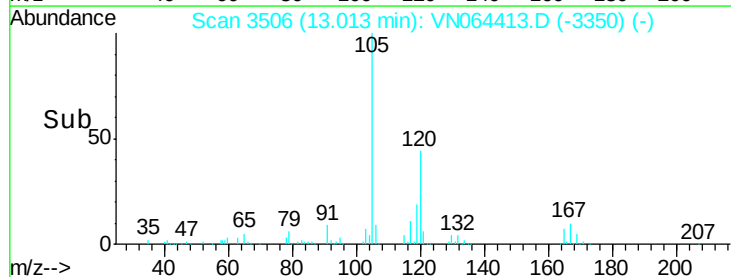
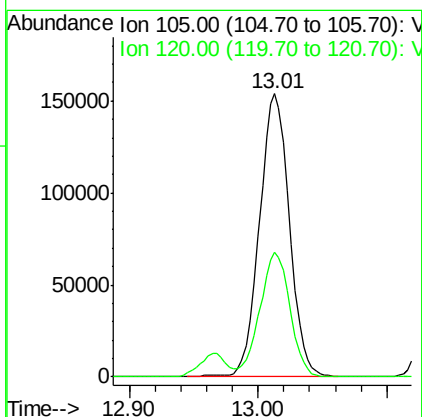
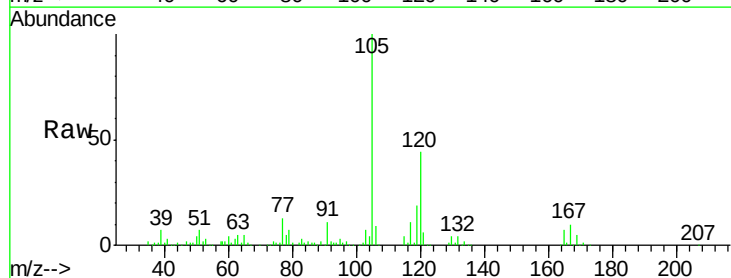
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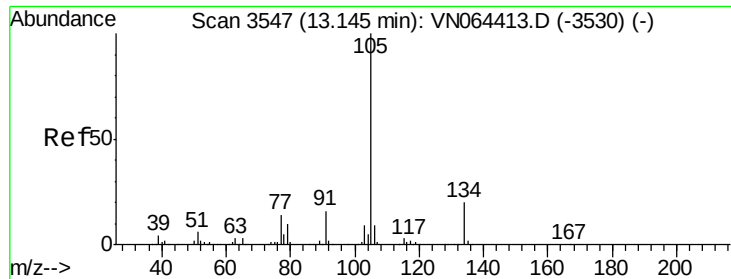
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#80
 1,2,4-Trimethylbenzene
 Concen: 17.347 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249637		
120	44.0	0.0	88.0	





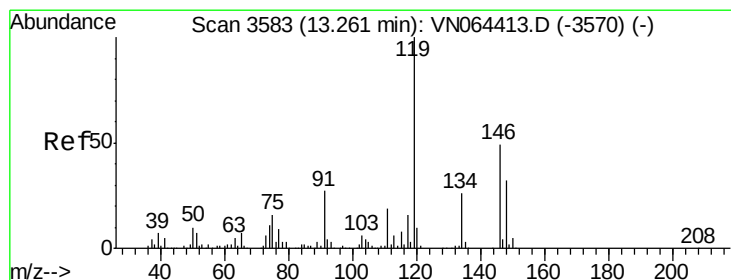
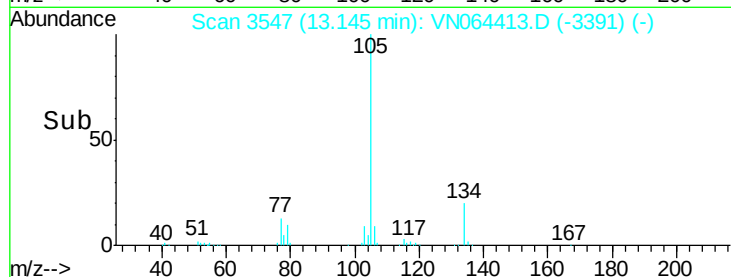
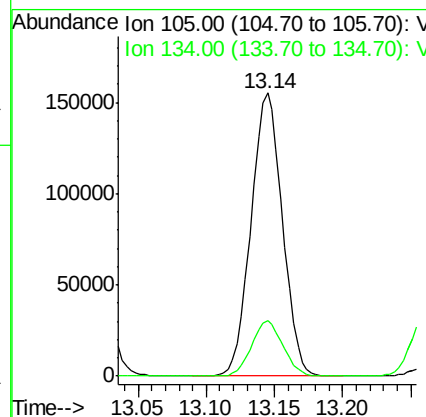
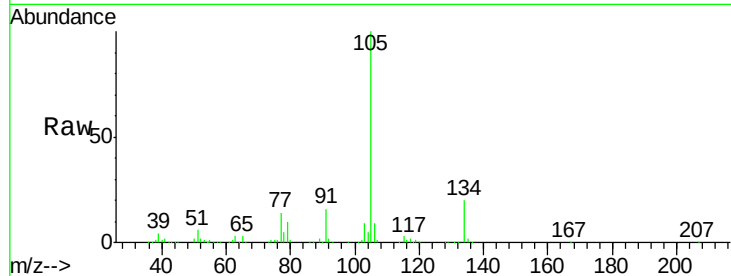
#81
 sec-Butylbenzene
 Concen: 16.360 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	248070		
134	19.6	0.0	39.2	

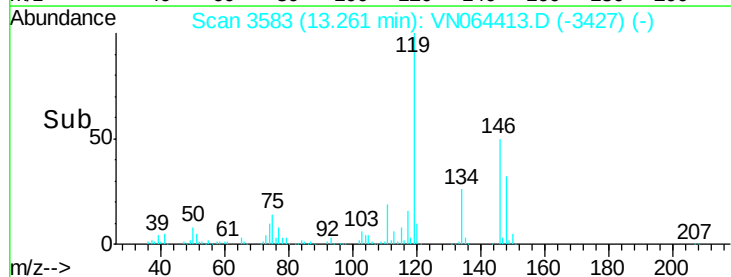
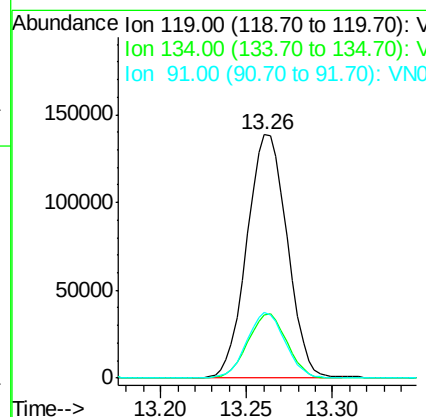
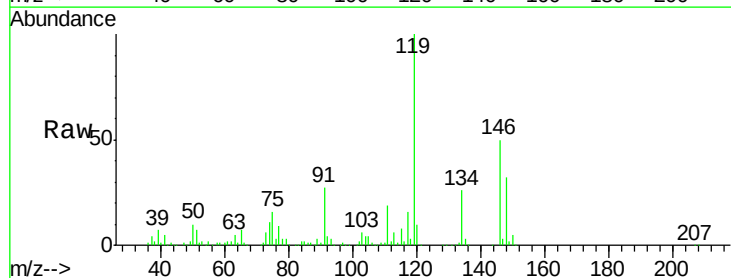
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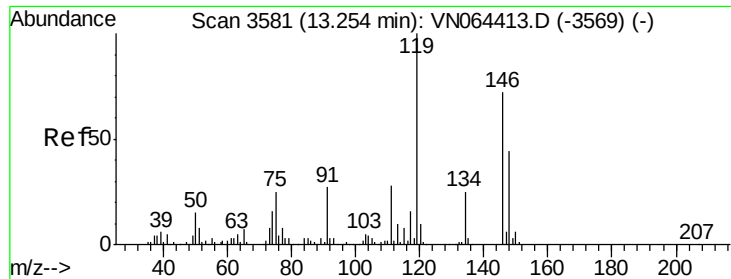
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#82
 p-Isopropyltoluene
 Concen: 16.200 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	225162		
134	25.5	0.0	51.0	
91	25.7	0.0	51.4	





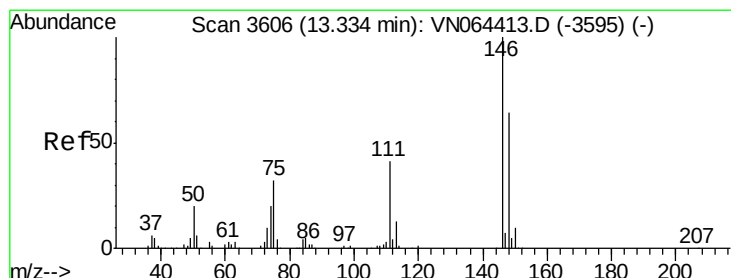
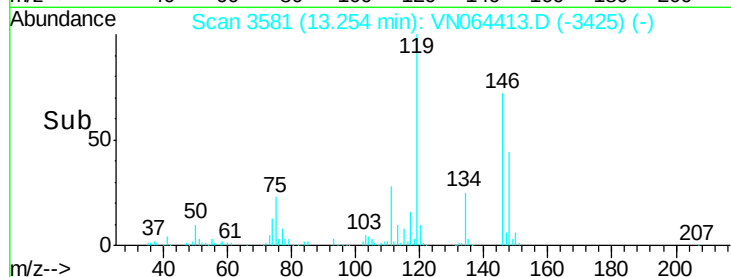
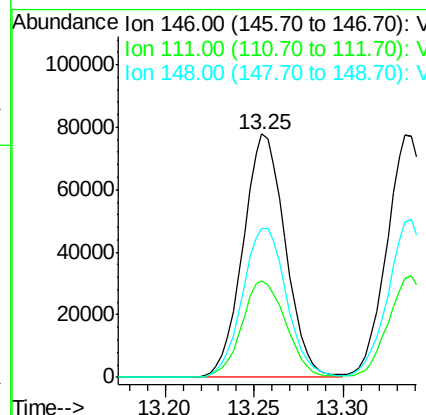
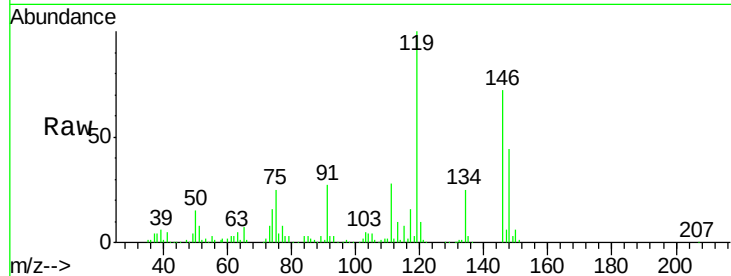
#83
 1,3-Dichlorobenzene
 Concen: 17.706 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	128621		
111	41.1	20.5	61.6	
148	63.7	31.9	95.5	

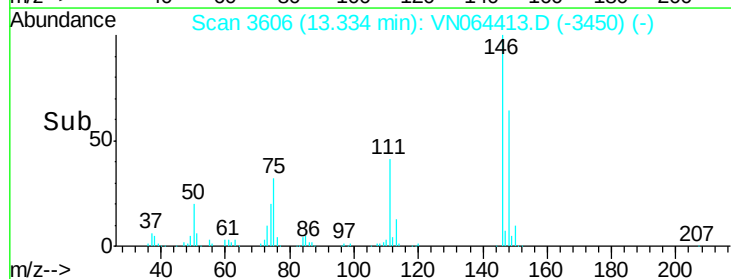
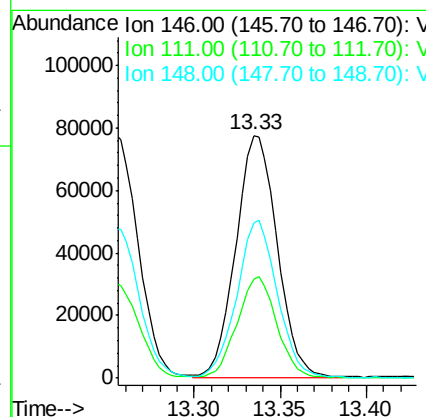
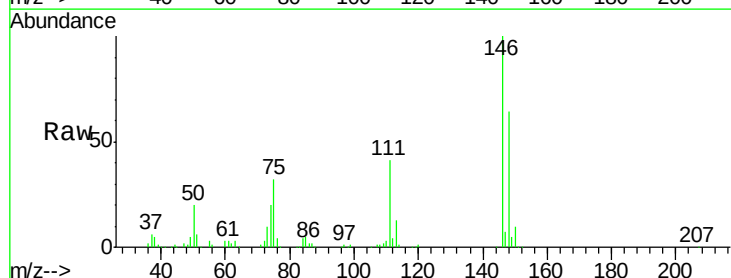
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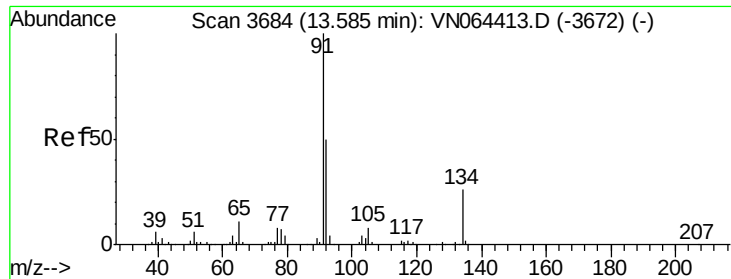
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#84
 1,4-Dichlorobenzene
 Concen: 17.839 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	130446		
111	39.7	19.9	59.6	
148	63.7	31.9	95.5	





#85

n-Butylbenzene

Concen: 15.029 ug/l

RT: 13.59 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

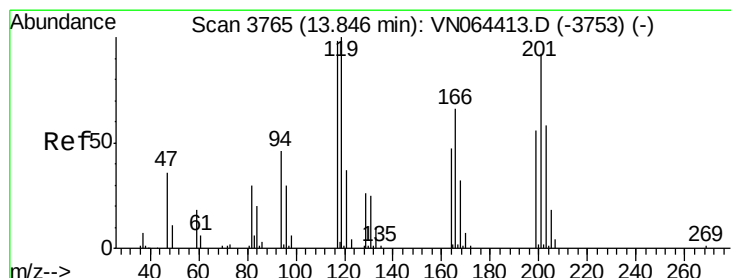
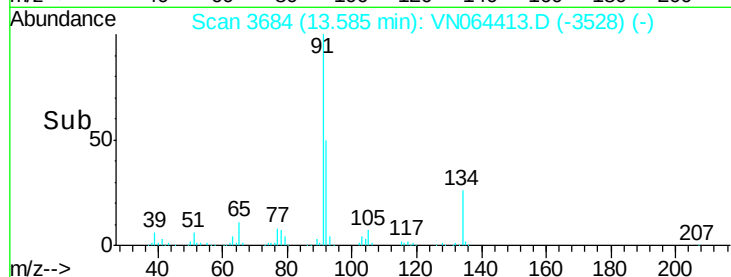
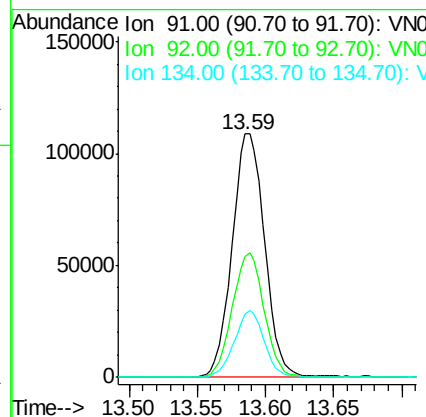
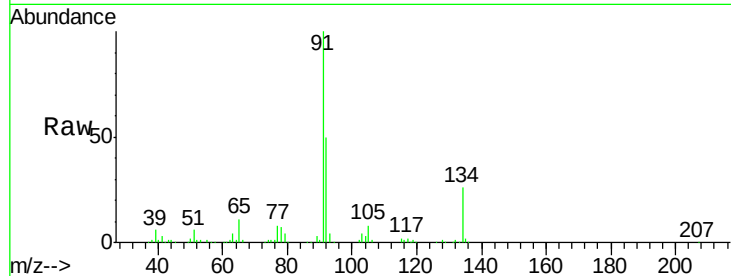
ClientSampleId :

VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	180599		
92	49.7	0.0	99.4	
134	25.0	0.0	50.0	

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#86

Hexachloroethane

Concen: 15.965 ug/l

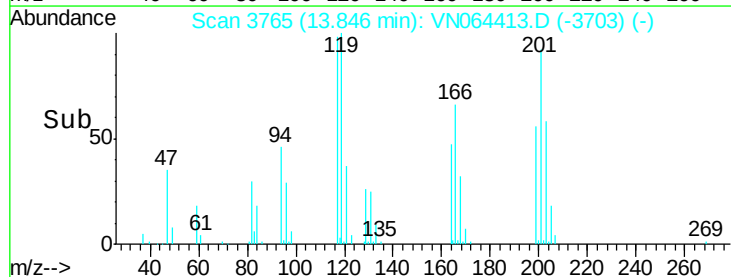
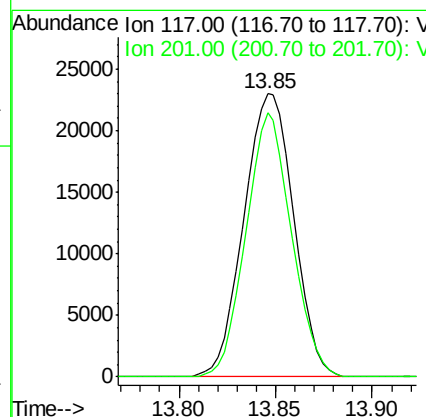
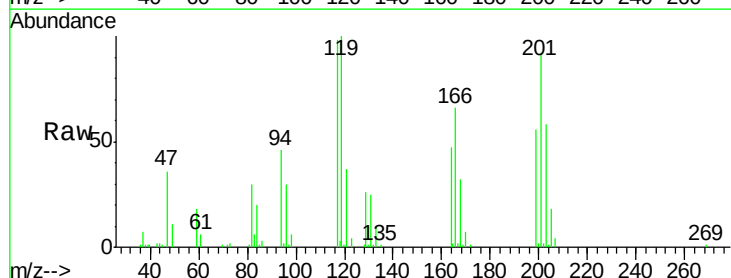
RT: 13.85 min Scan# 3765

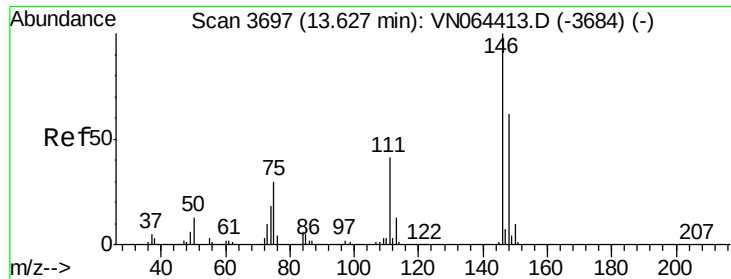
Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41111		
201	85.4	42.7	128.1	





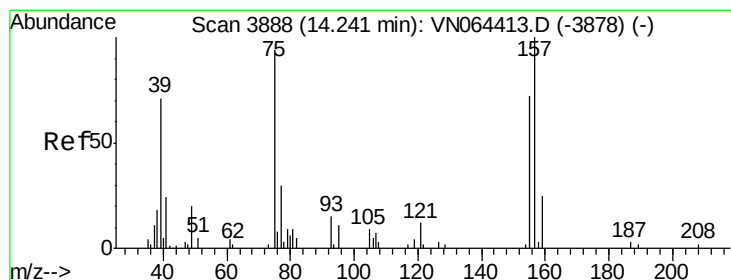
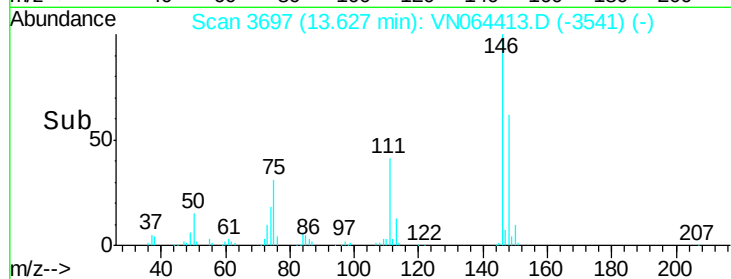
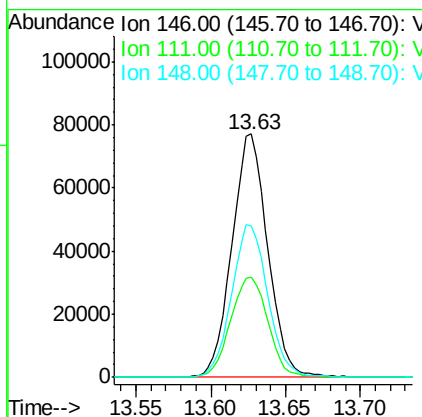
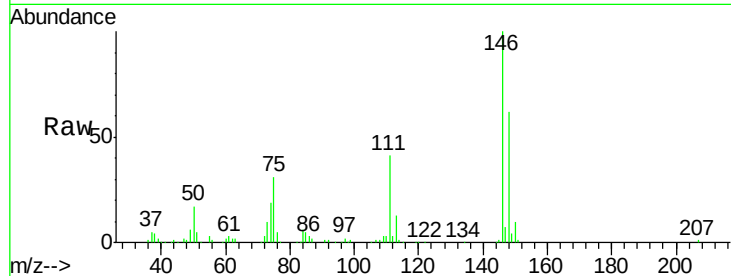
#87
 1,2-Dichlorobenzene
 Concen: 17.976 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	64.0
148	63.4	31.7	95.1

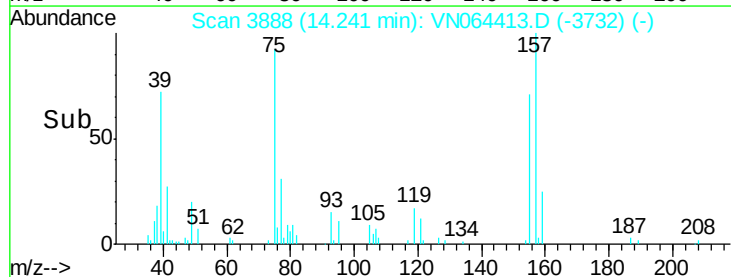
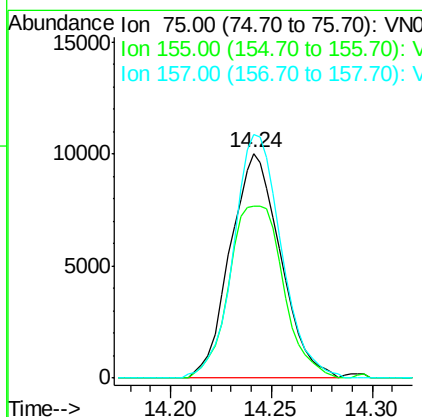
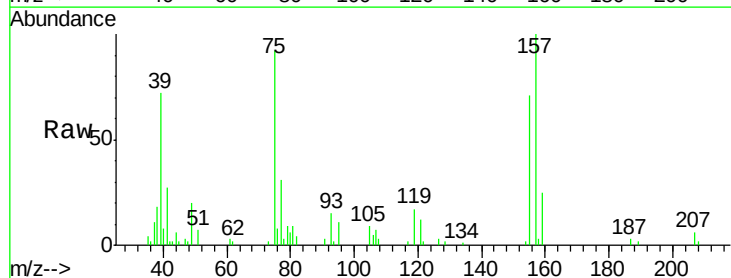
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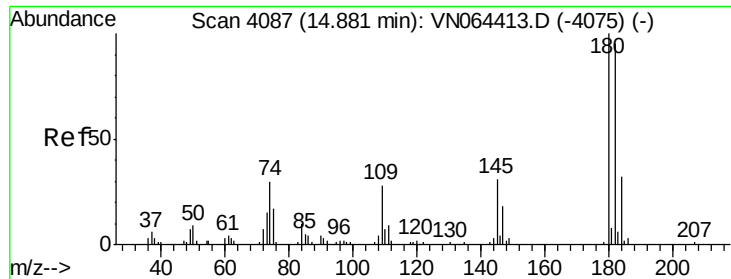
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 14.881 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	66.2	99.2
157	103.4	82.7	124.1





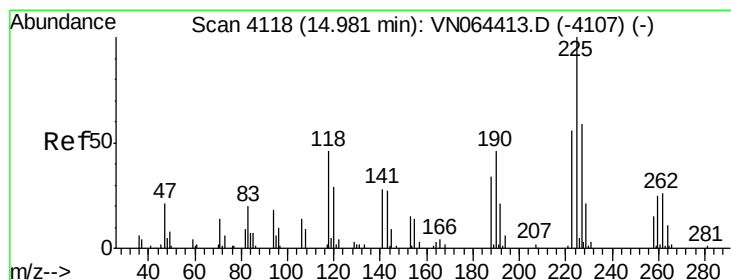
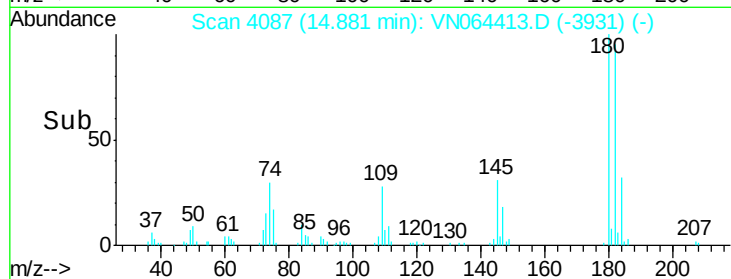
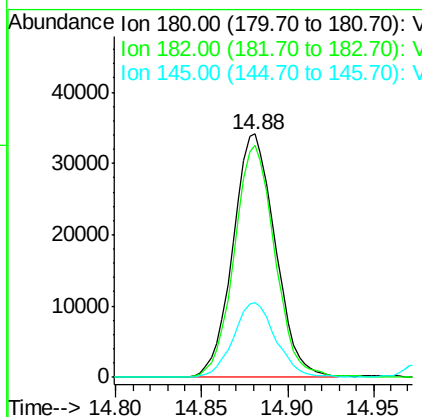
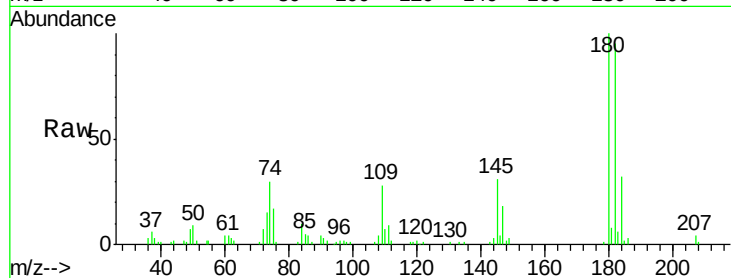
#89
1,2,4-Trichlorobenzene
Concen: 14.858 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.7	72.6	108.8
145	30.4	24.3	36.5

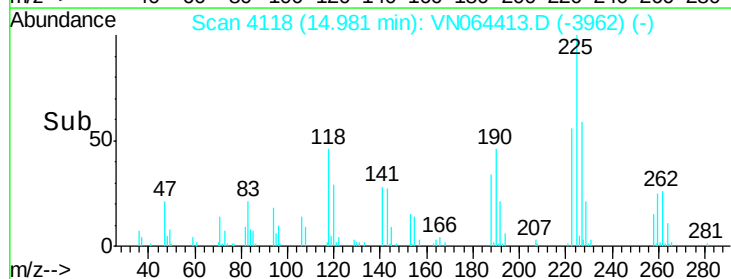
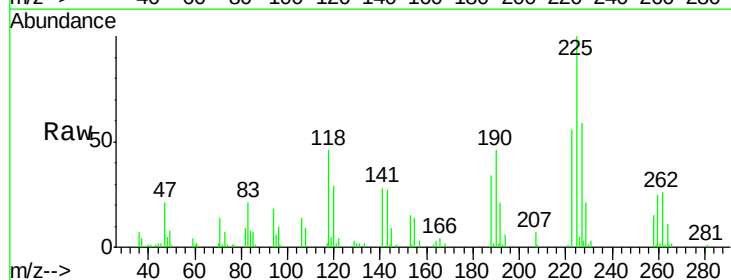
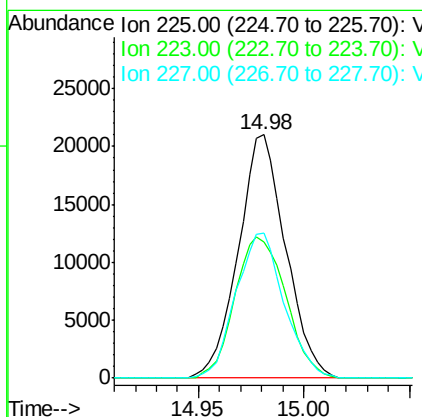
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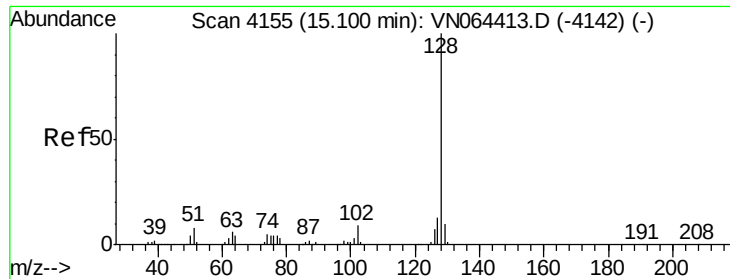
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#90
Hexachlorobutadiene
Concen: 15.382 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	0.0	125.6
227	60.8	0.0	121.6





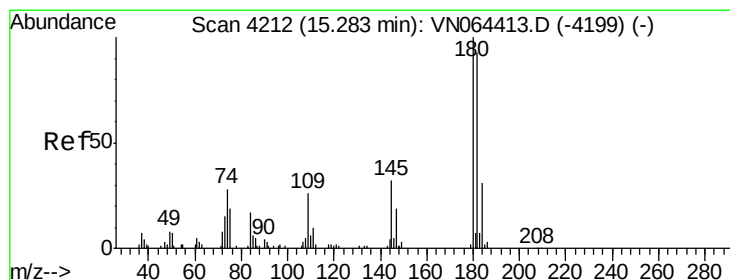
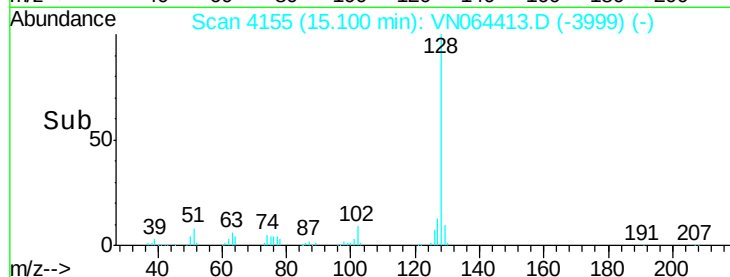
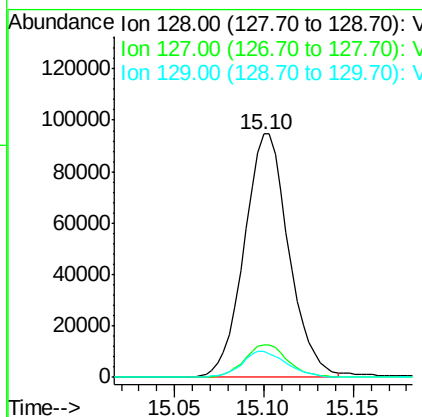
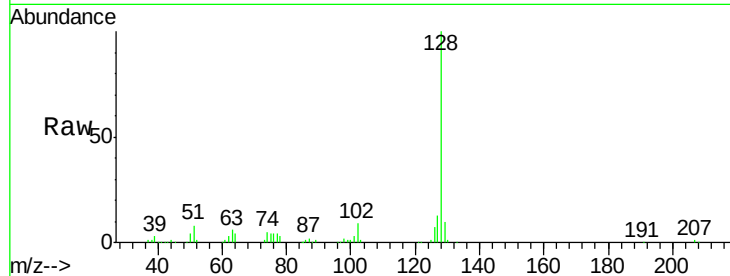
#91
Naphthalene
Concen: 14.135 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 14.644 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	191.4
145	32.4	0.0	64.8

