

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064431.D
 Acq On : 4 Nov 2020 12:47
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:23 PM

Quant Time: Nov 05 01:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	340626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	592452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	563828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	257360	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	284789	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.55	113	195164	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.06	98	765641	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.37	95	293730	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	221143	49.874	ug/l	99
3) Chloromethane	2.04	50	256426	47.611	ug/l	97
4) Vinyl Chloride	2.16	62	273166	49.391	ug/l	99
5) Bromomethane	2.53	94	178140	50.418	ug/l	97
6) Chloroethane	2.67	64	172967	48.847	ug/l	99
7) Trichlorofluoromethane	2.99	101	396332	48.666	ug/l	98
8) Diethyl Ether	3.37	74	142046	49.391	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	191624	49.549	ug/l	99
10) Methyl Iodide	3.90	142	220719	49.117	ug/l	99
11) Tert butyl alcohol	4.74	59	173260	264.799	ug/l	100
12) 1,1-Dichloroethene	3.69	96	180462	49.538	ug/l	98
13) Acrolein	3.56	56	104040	256.346	ug/l	95
14) Allyl chloride	4.27	41	360998	50.657	ug/l	98
15) Acrylonitrile	4.93	53	490075	269.026	ug/l	99
16) Acetone	3.78	43	558239	247.002	ug/l	99
17) Carbon Disulfide	4.00	76	543062	49.849	ug/l	99
18) Methyl Acetate	4.28	43	215558	48.514	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	669533	51.066	ug/l	99
20) Methylene Chloride	4.50	84	217903	48.594	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	212390	51.349	ug/l	99
22) Diisopropyl ether	5.90	45	775069	51.237	ug/l	98
23) Vinyl Acetate	5.84	43	3287007	267.106	ug/l	99
24) 1,1-Dichloroethane	5.79	63	413997	49.804	ug/l	99
25) 2-Butanone	6.78	43	768827	266.988	ug/l	99
26) 2,2-Dichloropropane	6.78	77	377449	50.160	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	243458	50.796	ug/l	98
28) Bromochloromethane	7.15	49	195560	47.862	ug/l	98
29) Tetrahydrofuran	7.16	42	464792	263.082	ug/l	100
30) Chloroform	7.33	83	432142	49.457	ug/l	96
31) Cyclohexane	7.61	56	349735	48.491	ug/l	100
32) 1,1,1-Trichloroethane	7.52	97	384580	49.624	ug/l	100
36) 1,1-Dichloropropene	7.75	75	327962	52.400	ug/l	99
37) Ethyl Acetate	6.88	43	309821	48.792	ug/l	99
38) Carbon Tetrachloride	7.73	117	331898	49.617	ug/l	98

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Quant Time: Nov 05 01:09:54 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	291811	52.010	ug/l	98
40) Benzene	8.00	78	921788	50.120	ug/l	99
41) Methacrylonitrile	7.12	41	150552	54.256	ug/l	92
42) 1,2-Dichloroethane	8.08	62	374134	50.408	ug/l	100
43) Isopropyl Acetate	8.13	43	534757	52.722	ug/l	100
44) Trichloroethene	8.80	130	232597	50.126	ug/l	98
45) 1,2-Dichloropropane	9.08	63	250790	51.105	ug/l	98
46) Dibromomethane	9.17	93	164905	51.047	ug/l	99
47) Bromodichloromethane	9.37	83	349501	50.316	ug/l	98
48) Methyl methacrylate	9.16	41	273453	53.428	ug/l	99
49) 1,4-Dioxane	9.16	88	73999	1097.686	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1594073	269.492	ug/l	100
52) Toluene	10.12	92	584804	52.134	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	392374	53.282	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	418473	53.150	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	220581	50.422	ug/l	98
56) Ethyl methacrylate	10.40	69	351040	48.816	ug/l	99
57) 1,3-Dichloropropane	10.68	76	398144	52.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	987799	286.956	ug/l	99
59) 2-Hexanone	10.72	43	1189045	246.572	ug/l	99
60) Dibromochloromethane	10.87	129	254605	51.982	ug/l	98
61) 1,2-Dibromoethane	10.97	107	232433	52.381	ug/l	100
64) Tetrachloroethene	10.60	164	209907	48.330	ug/l	97
65) Chlorobenzene	11.40	112	620497	50.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	230574	50.003	ug/l	97
67) Ethyl Benzene	11.48	91	1148075	52.219	ug/l	99
68) m/p-Xylenes	11.59	106	852228	106.884	ug/l	99
69) o-Xylene	11.92	106	399621	51.866	ug/l	96
70) Styrene	11.94	104	694442	53.562	ug/l	100
71) Bromoform	12.10	173	164071	47.453	ug/l #	99
73) Isopropylbenzene	12.22	105	1064766	52.052	ug/l	99
74) N-amyl acetate	12.04	43	495040	49.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	310775	49.463	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	291106m	46.684	ug/l	
77) Bromobenzene	12.50	156	246661	49.390	ug/l	98
78) n-propylbenzene	12.56	91	1220595	52.339	ug/l	100
79) 2-Chlorotoluene	12.65	91	762502	51.551	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	887799	52.609	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	115193	51.580	ug/l	98
82) 4-Chlorotoluene	12.75	91	815814	52.666	ug/l	99
83) tert-Butylbenzene	12.97	119	698479	52.996	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	892296	52.598	ug/l	100
85) sec-Butylbenzene	13.14	105	892436	53.465	ug/l	99
86) p-Isopropyltoluene	13.26	119	812287	54.101	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	441767	51.172	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	443136	49.670	ug/l	98
89) n-Butylbenzene	13.59	91	693777	53.743	ug/l	99
90) Hexachloroethane	13.85	117	147960	51.086	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	432592	52.093	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	67265	53.772	ug/l	98

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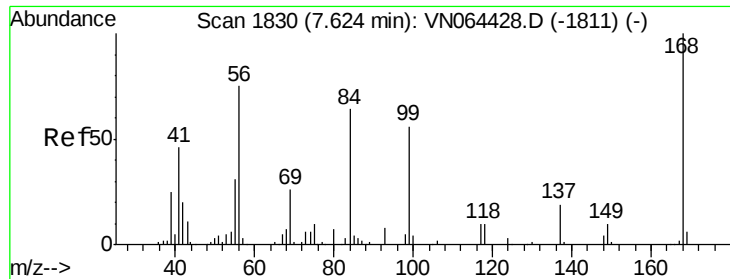
Manual Integrations
APPROVED

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QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	193673	47.063	ug/l	100
94) Hexachlorobutadiene	14.98	225	81728	48.339	ug/l	100
95) Naphthalene	15.10	128	611921	43.833	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	180918	45.544	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

Tot Ion:168 Resp: 340626

Ion Ratio Lower Upper

168 100

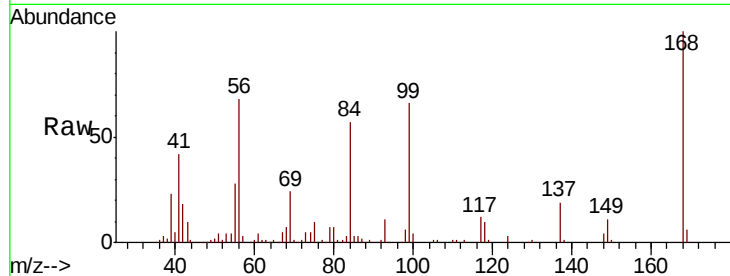
99 66.1 53.4 80.2

Manual Integrations

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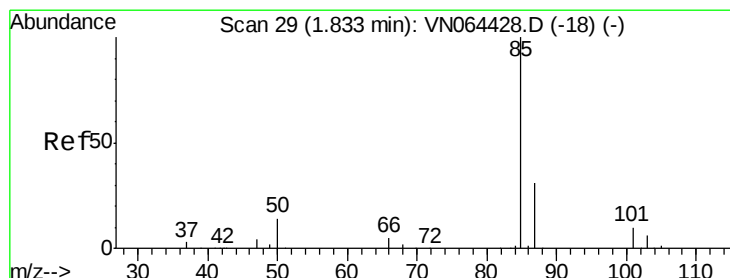
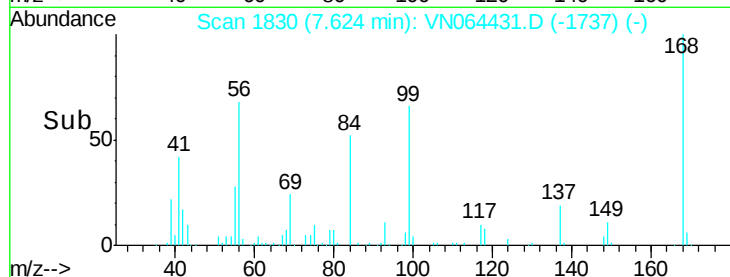
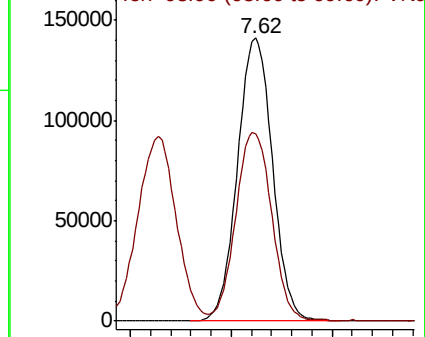
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.874 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064431.D

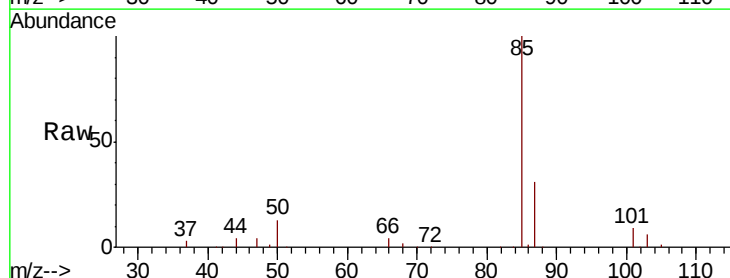
Acq: 4 Nov 2020 12:47

Tgt Ion: 85 Resp: 221143

Ion Ratio Lower Upper

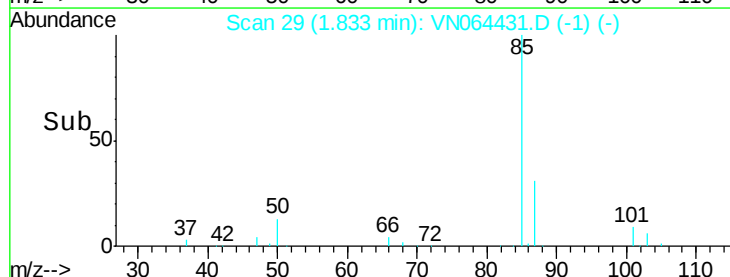
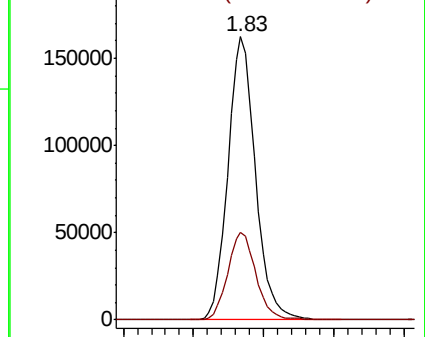
85 100

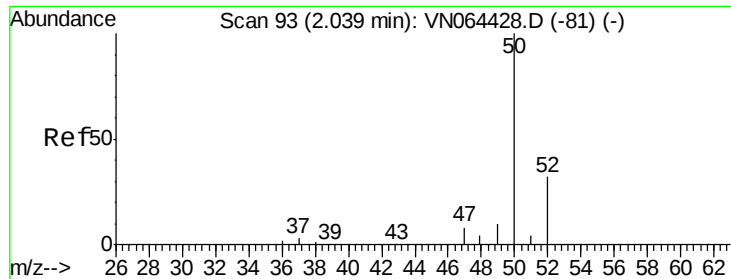
87 31.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.611 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

Tot Ion: 50 Resp: 256426

Ion Ratio Lower Upper

50 100

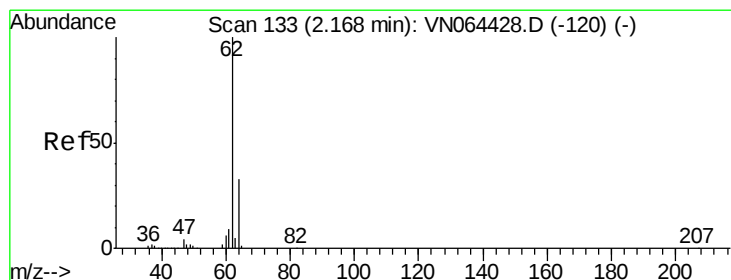
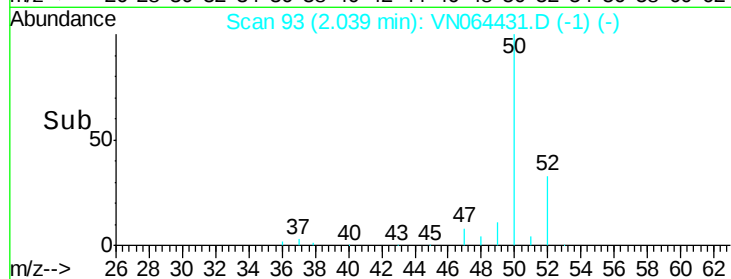
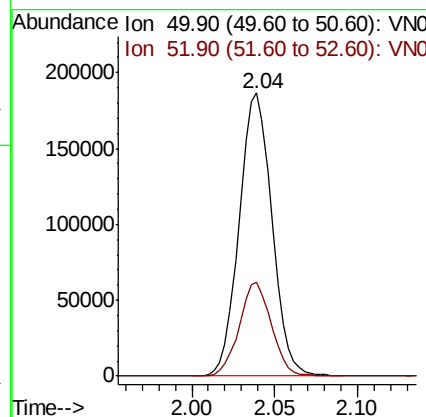
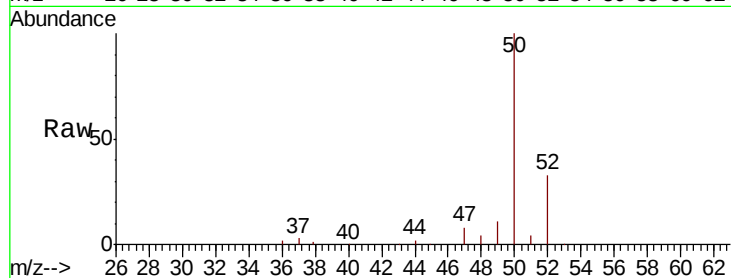
52 33.1 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.391 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064431.D

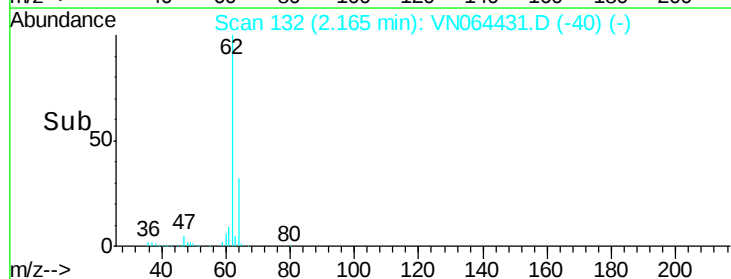
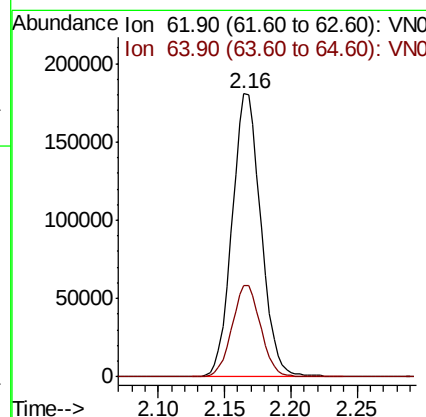
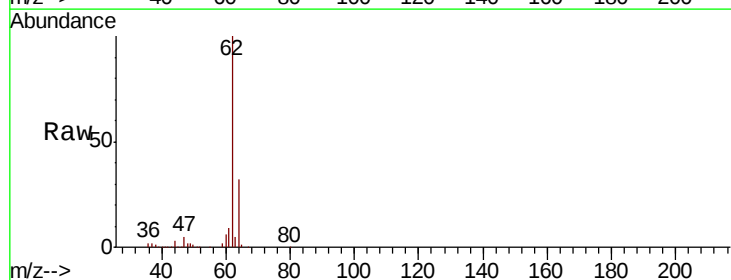
Acq: 4 Nov 2020 12:47

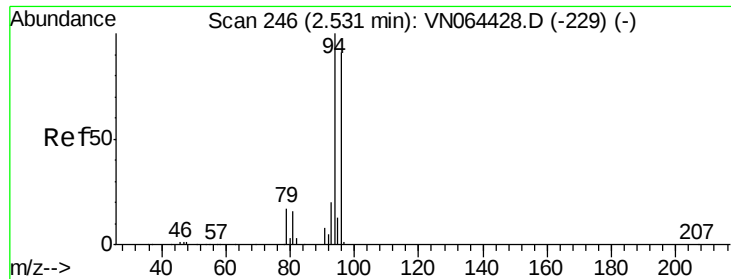
Tgt Ion: 62 Resp: 273166

Ion Ratio Lower Upper

62 100

64 32.4 26.3 39.5





#5

Bromomethane

Concen: 50.418 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

Tot Ion: 94 Resp: 178140

Ion Ratio Lower Upper

94 100

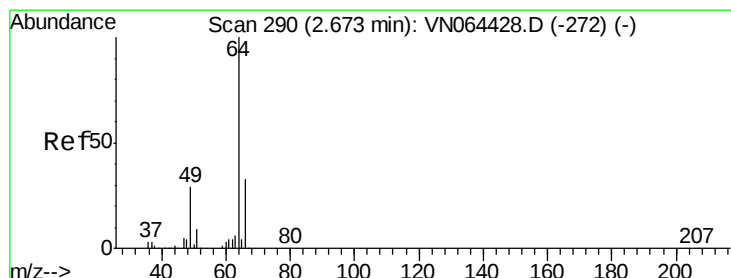
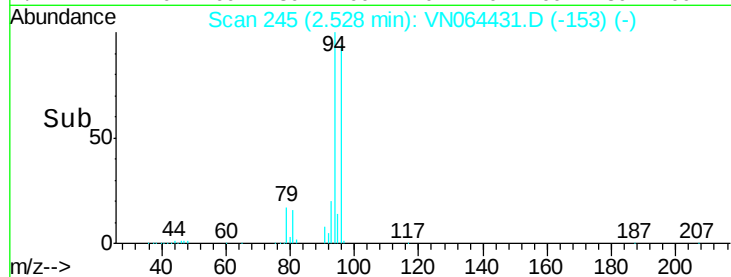
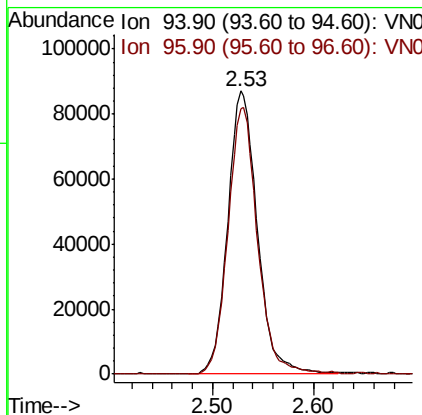
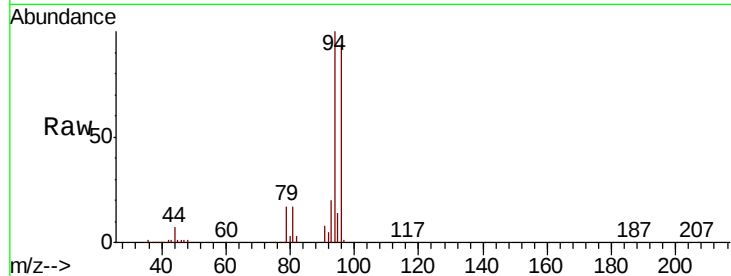
96 93.8 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 48.847 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064431.D

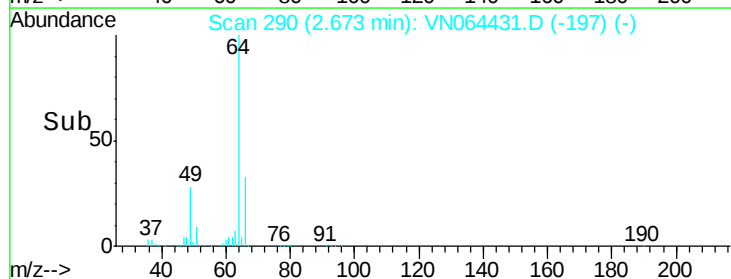
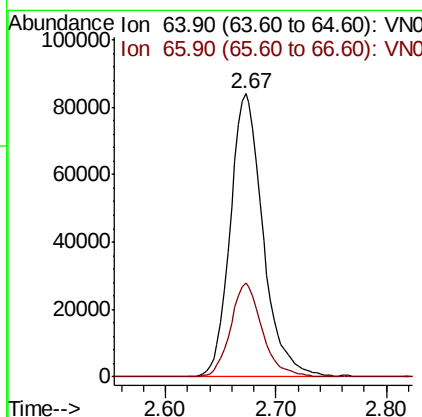
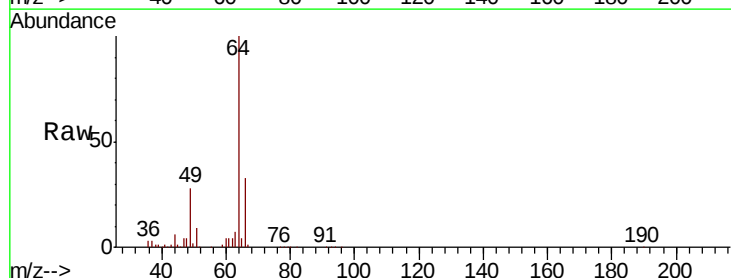
Acq: 4 Nov 2020 12:47

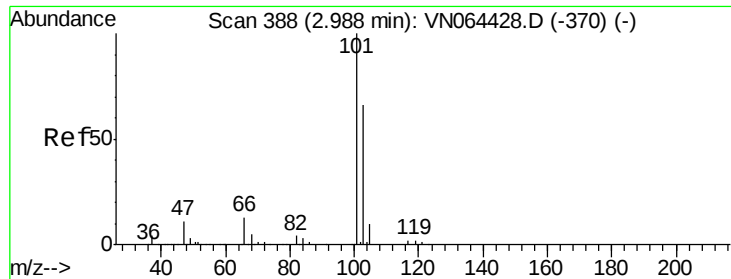
Tgt Ion: 64 Resp: 172967

Ion Ratio Lower Upper

64 100

66 33.0 26.1 39.1





#7

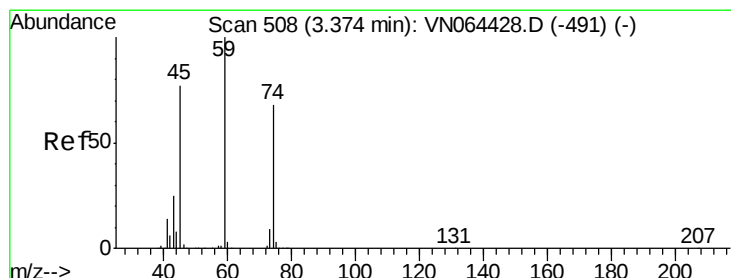
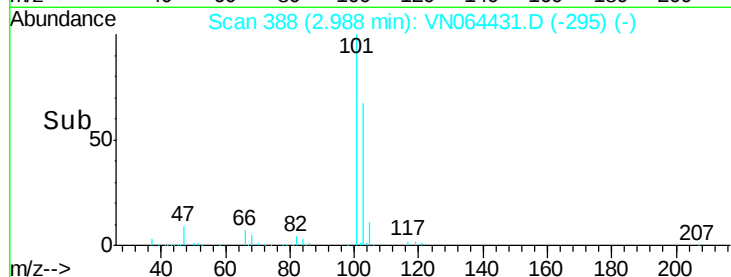
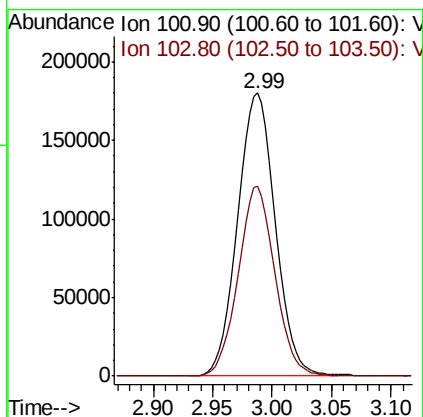
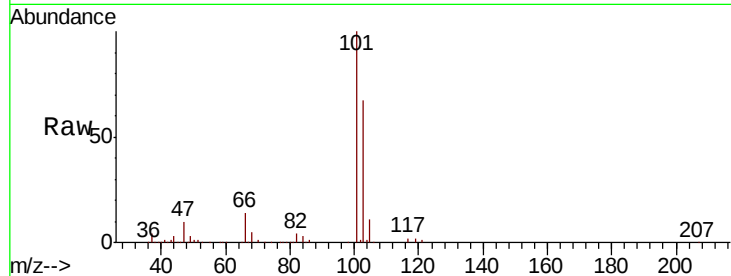
Trichlorofluoromethane
Concen: 48.666 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
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ClientSampleId :
ICVVN110420

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	52.4	78.6

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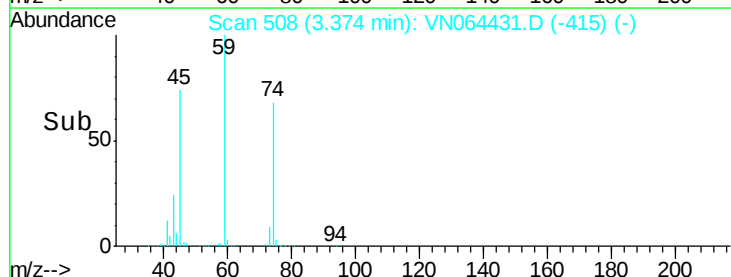
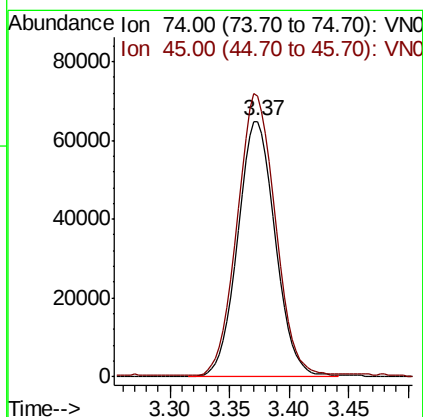
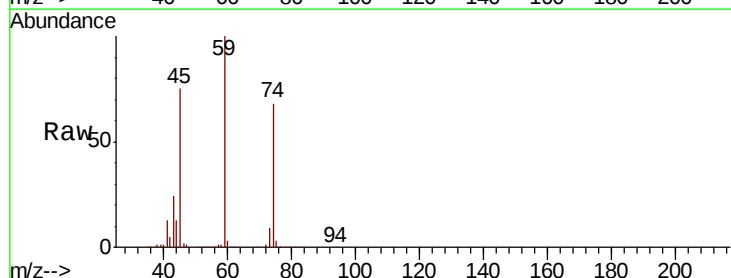
MMDadoda
11/5/2020 2:19:23 PM

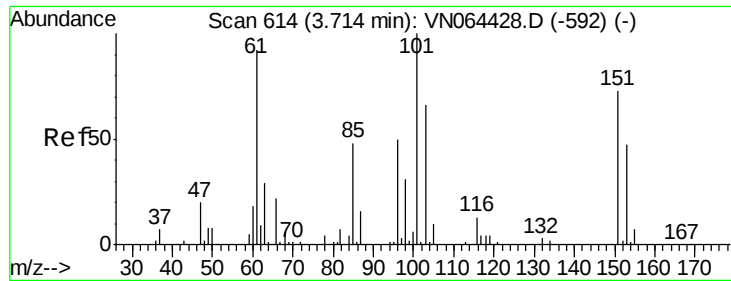


#8

Diethyl Ether
Concen: 49.391 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.1	55.9	167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.549 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

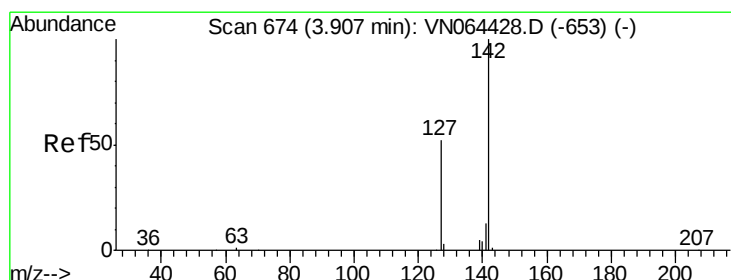
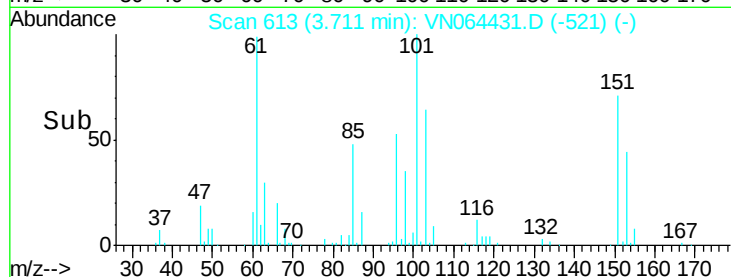
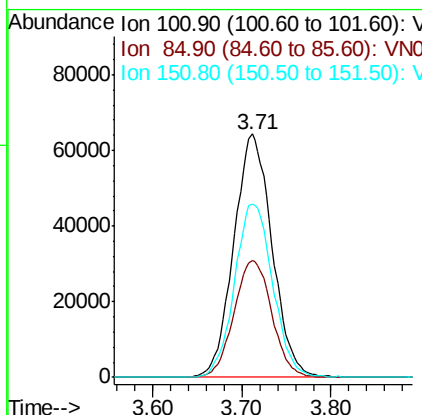
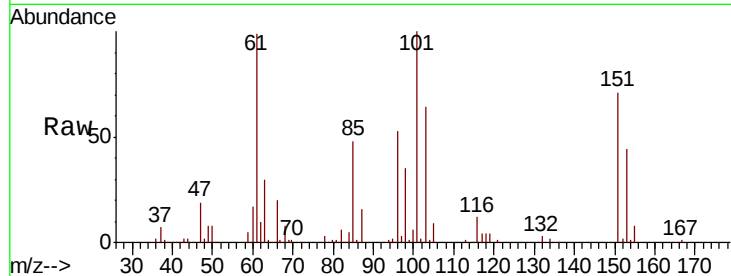
ClientSampleId :

ICVVN110420

Tot Ion:	101	Resp:	191624
Ion Ratio	Lower	Upper	
101	100		
85	47.6	38.6	57.8
151	71.1	57.5	86.3

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#10

Methyl Iodide

Concen: 49.117 ug/l

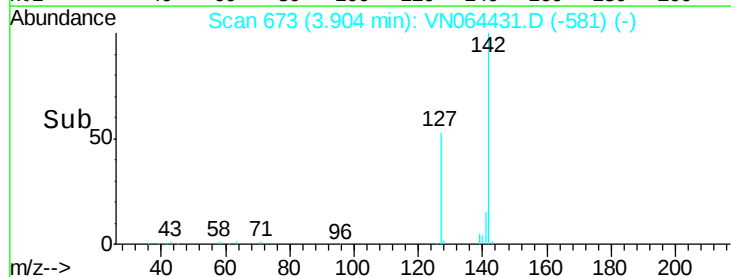
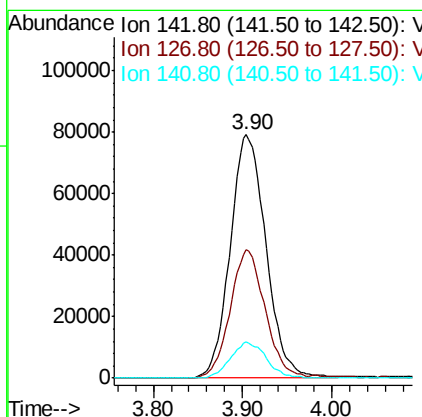
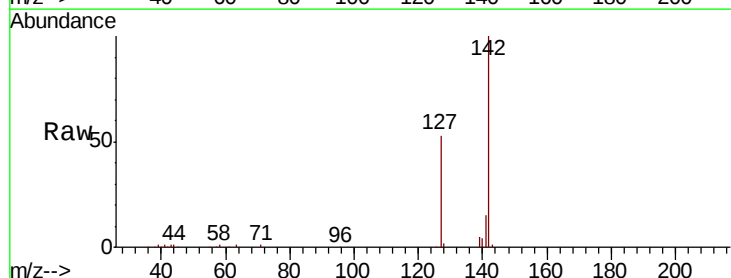
RT: 3.90 min Scan# 673

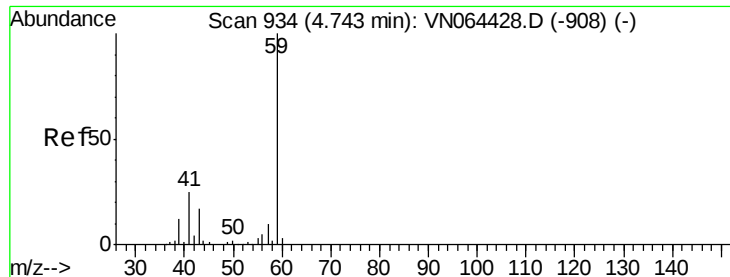
Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Tgt Ion:	142	Resp:	220719
Ion Ratio	Lower	Upper	
142	100		
127	51.2	41.8	62.8
141	14.8	11.4	17.2





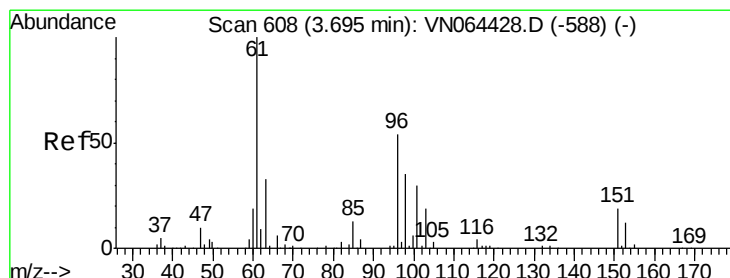
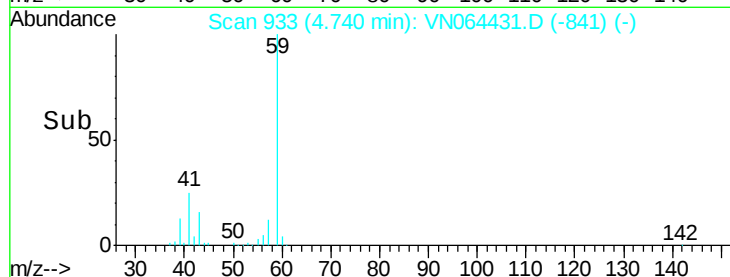
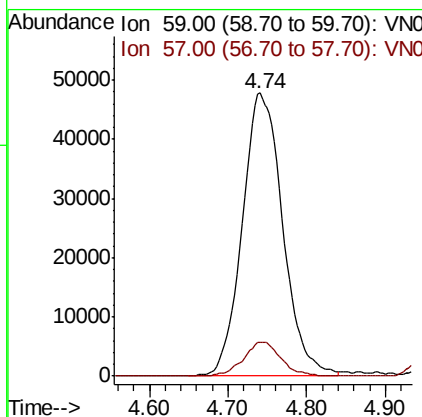
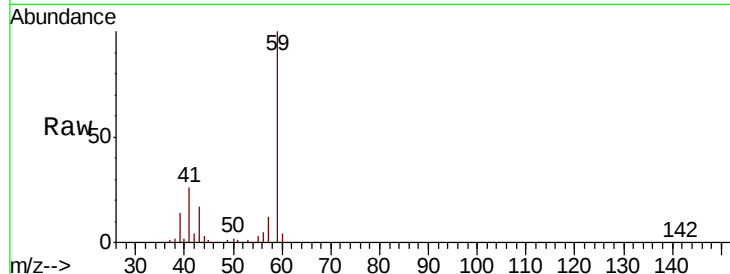
#11
Tert butyl alcohol
Concen: 264.799 ug/l
RT: 4.74 min Scan# 933
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampled :
ICVVN110420

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	9.0	13.4

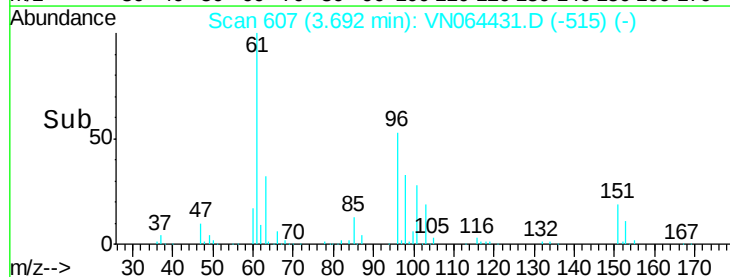
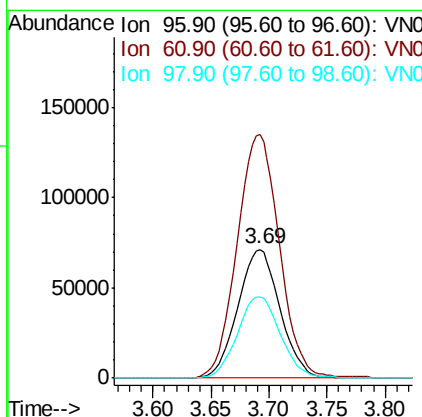
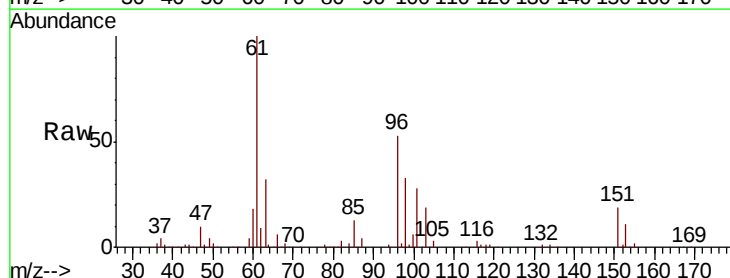
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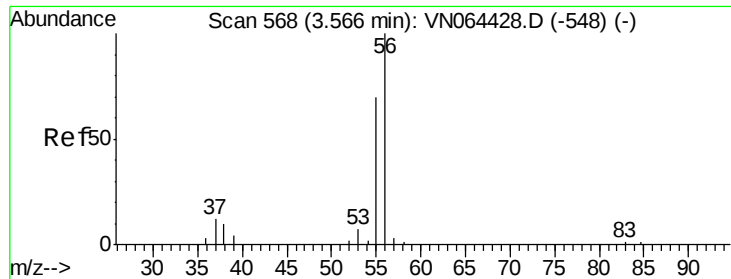
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#12
1,1-Dichloroethene
Concen: 49.538 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	189.2	149.5	224.3
98	63.3	52.4	78.6





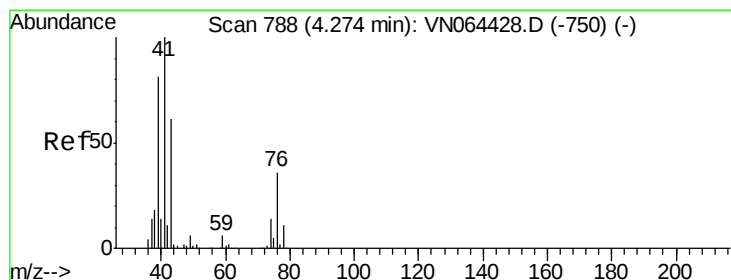
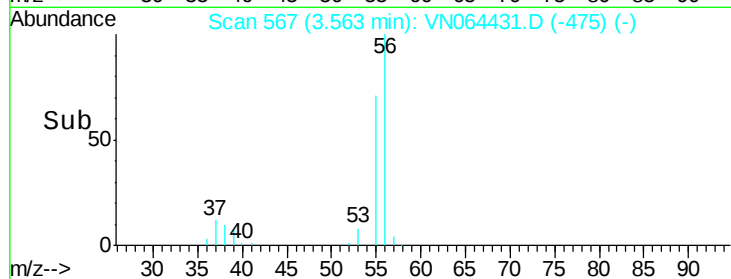
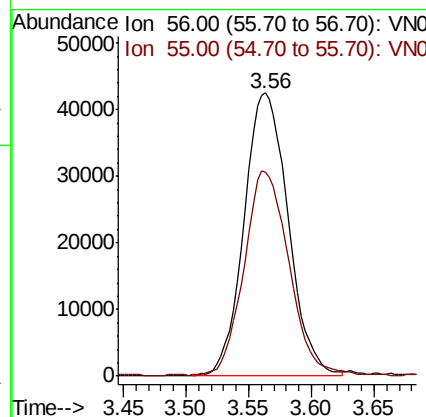
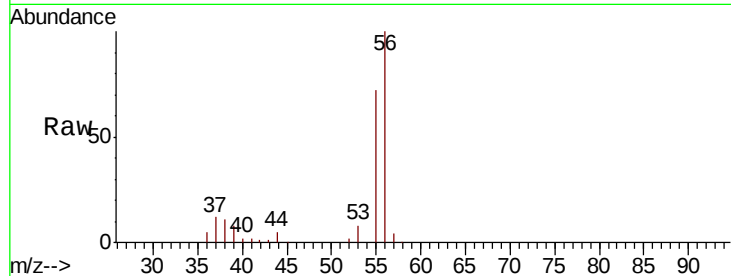
#13
Acrolein
Concen: 256.346 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion	56	Resp	104040
Ion Ratio	100	Lower	Upper
56	100		
55	74.3	55.9	83.9

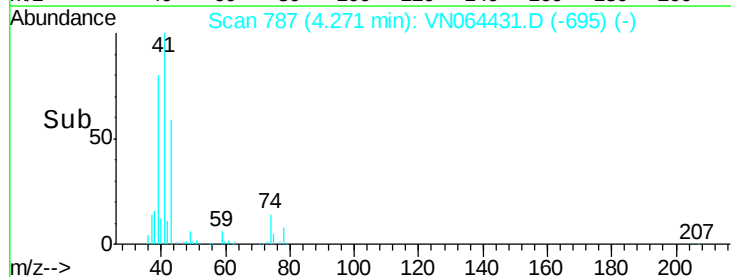
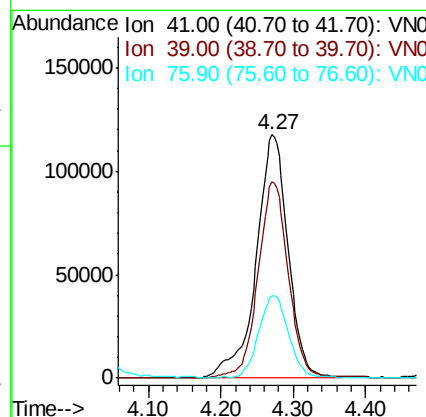
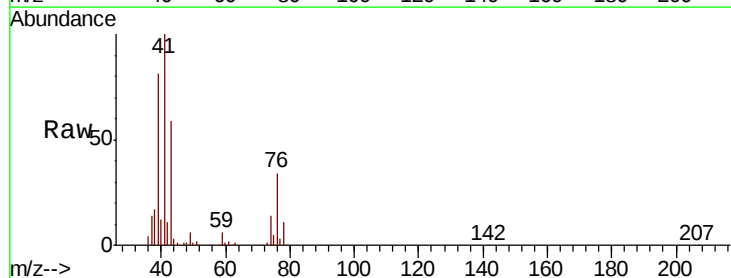
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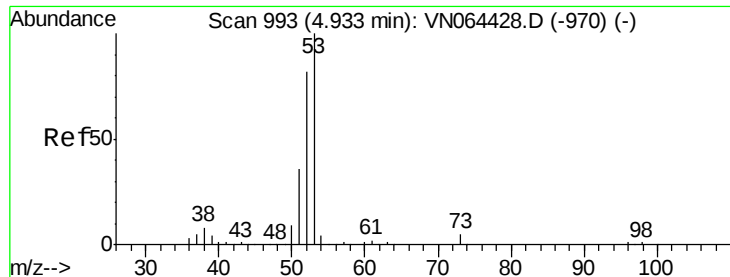
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#14
Allyl chloride
Concen: 50.657 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	41	Resp	360998
Ion Ratio	100	Lower	Upper
41	100		
39	75.6	61.8	92.8
76	30.7	25.4	38.0





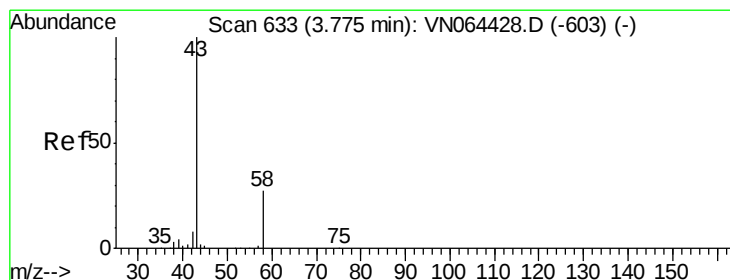
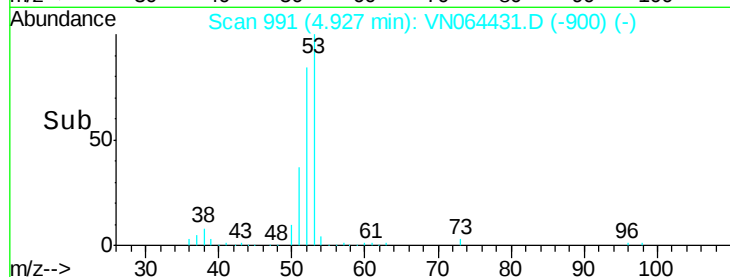
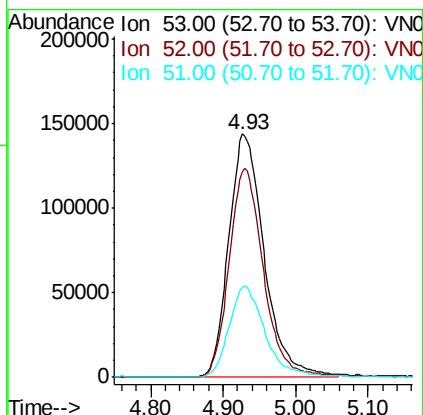
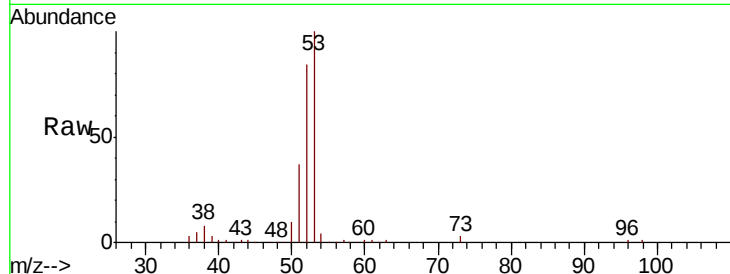
#15
 Acrylonitrile
 Concen: 269.026 ug/l
 RT: 4.93 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Tot Ion:	53	Resp:	490075
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.6	98.4
51	37.9	29.9	44.9

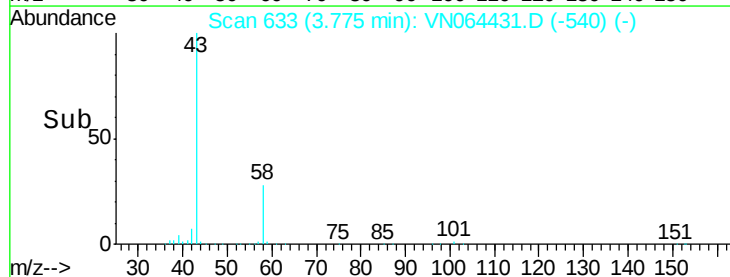
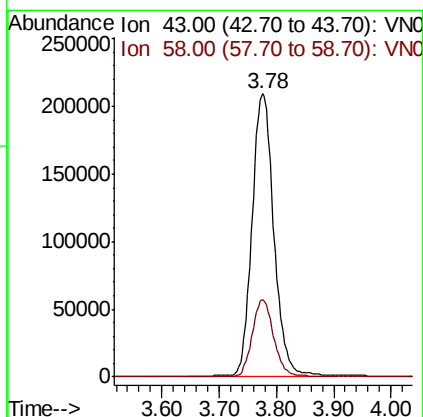
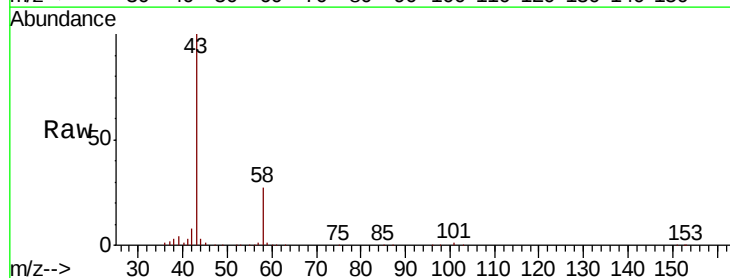
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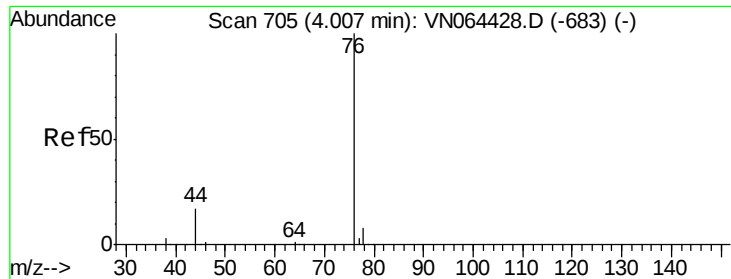
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#16
 Acetone
 Concen: 247.002 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion:	43	Resp:	558239
Ion	Ratio	Lower	Upper
43	100		
58	27.5	21.4	32.0





#17

Carbon Disulfide

Concen: 49.849 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

Tot Ion: 76 Resp: 543062

Ion Ratio Lower Upper

76 100

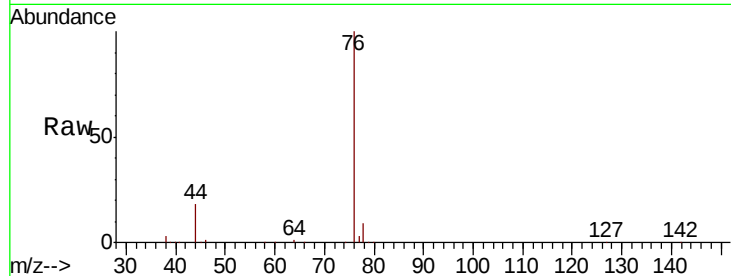
78 9.0 6.8 10.2

Manual Integrations

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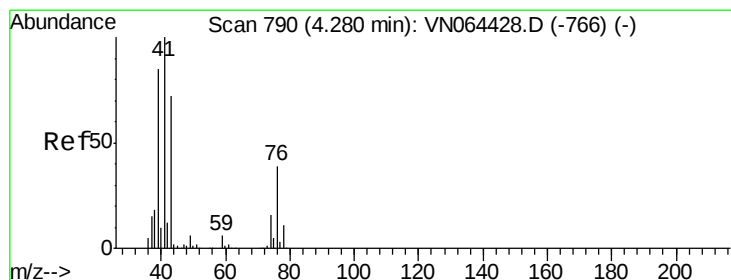
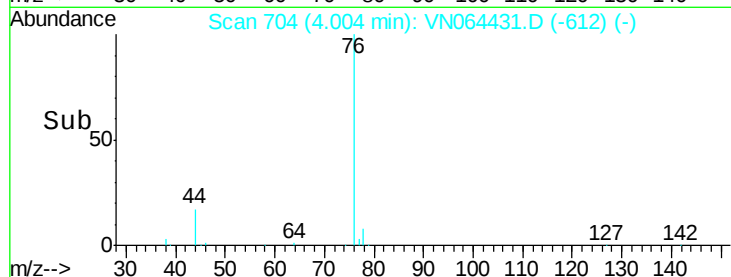
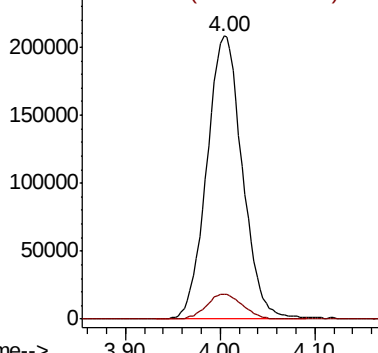
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 48.514 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064431.D

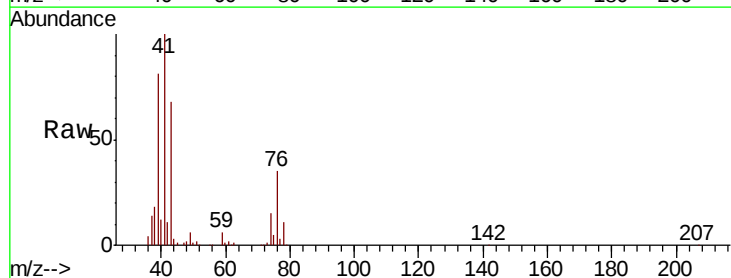
Acq: 4 Nov 2020 12:47

Tgt Ion: 43 Resp: 215558

Ion Ratio Lower Upper

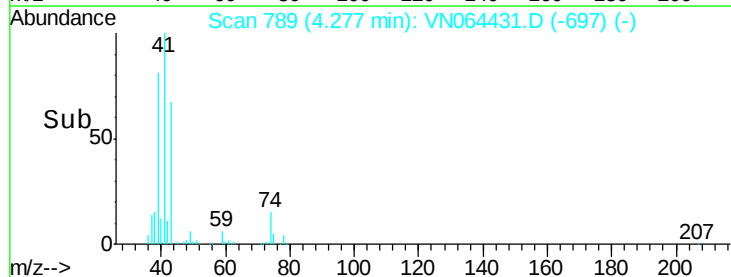
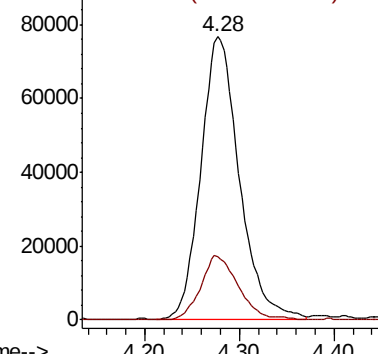
43 100

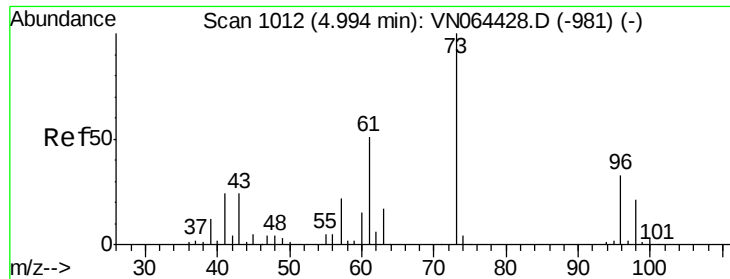
74 22.1 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC





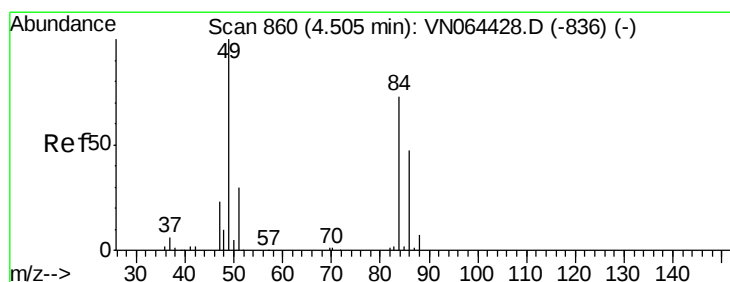
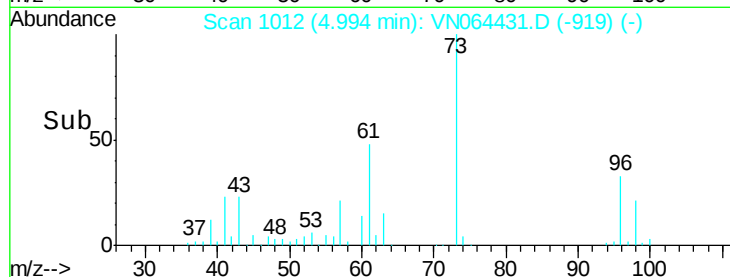
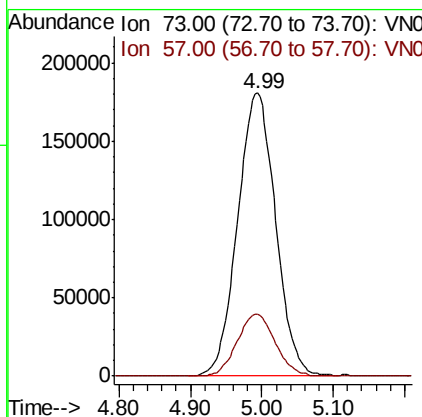
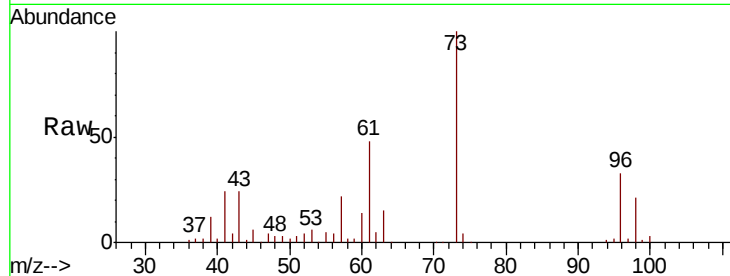
#19
Methvl tert-butvl Ether
Concen: 51.066 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion: 73 Resp: 669533
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

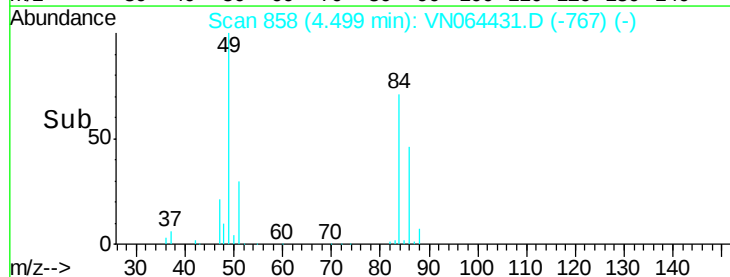
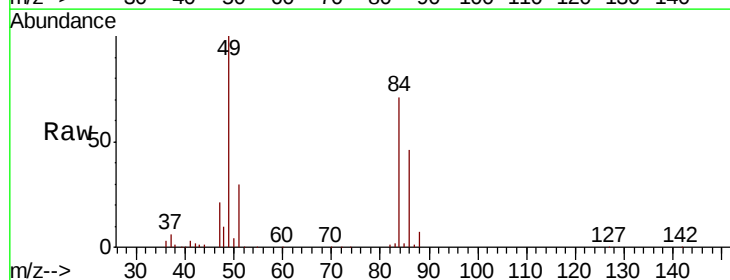
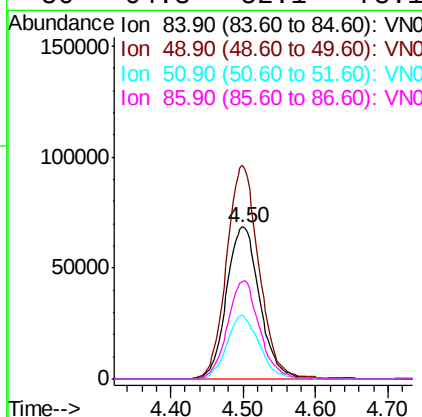
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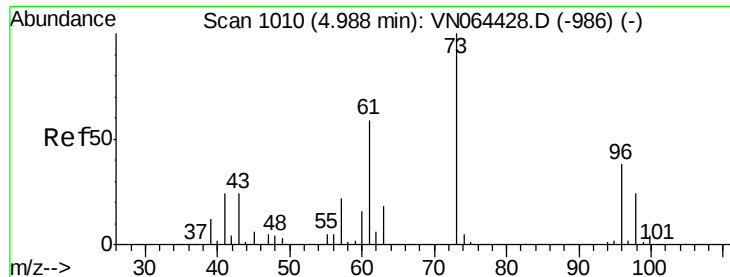
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#20
Methylene Chloride
Concen: 48.594 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 84 Resp: 217903
Ion Ratio Lower Upper
84 100
49 140.4 110.1 165.1
51 41.7 33.6 50.4
86 64.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 51.349 ug/l

RT: 4.98 min Scan# 1008

Delta R.T. -0.01 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampled :

ICVVN110420

Tot Ion: 96 Resp: 212390

Ion Ratio Lower Upper

96 100

61 152.7 122.4 183.6

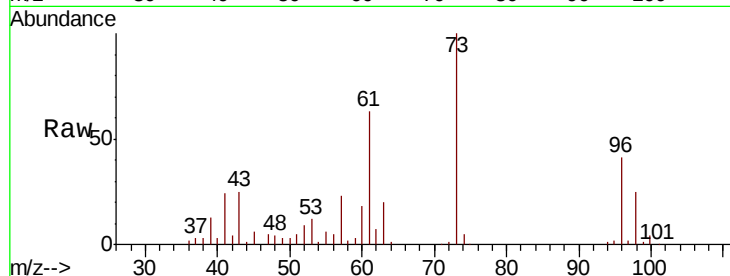
98 59.7 50.4 75.6

Manual Integrations

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MMDadoda

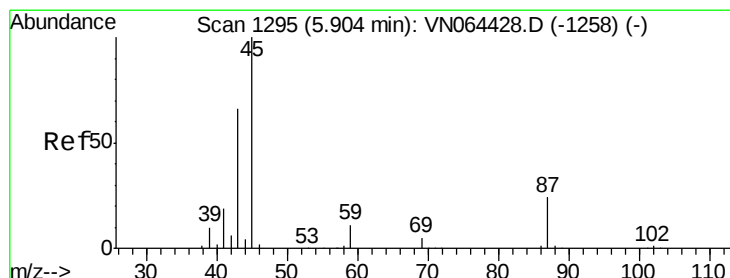
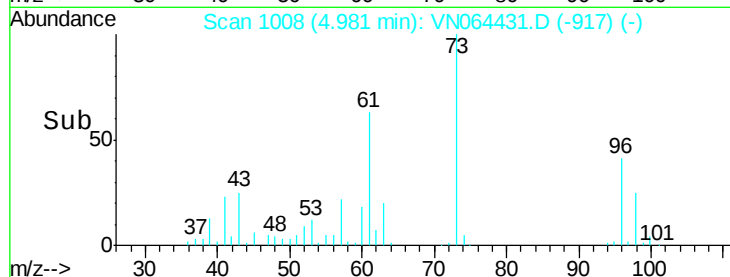
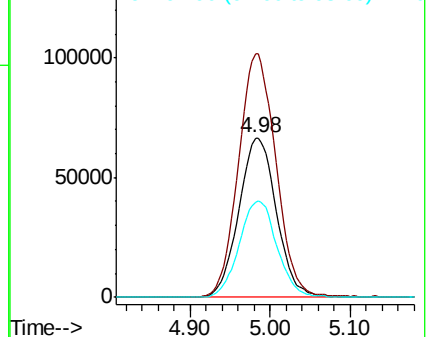
11/5/2020 2:19:23 PM



Abundance Ion 95.90 (95.60 to 96.60): VN064431.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064431.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064431.D (-917) (-)



#22

Diisopropyl ether

Concen: 51.237 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Tgt Ion: 45 Resp: 775069

Ion Ratio Lower Upper

45 100

43 64.9 53.2 79.8

87 25.9 19.9 29.9

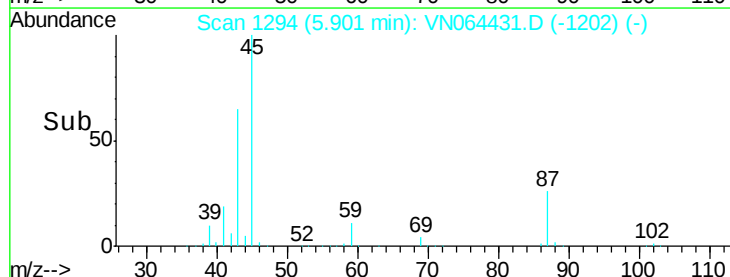
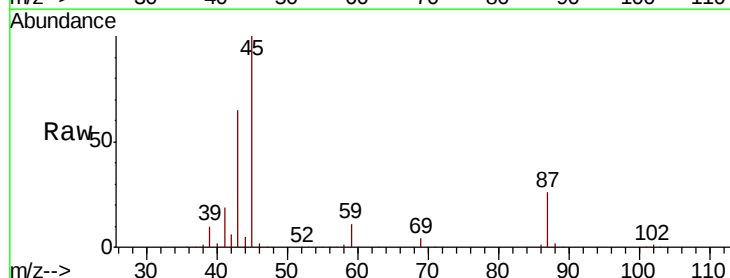
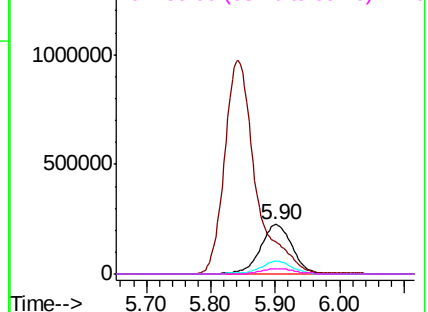
59 10.5 8.6 13.0

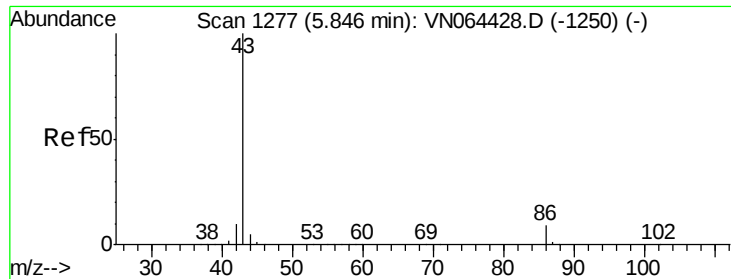
Abundance Ion 45.00 (44.70 to 45.70): VN064431.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064431.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064431.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064431.D (-1202) (-)





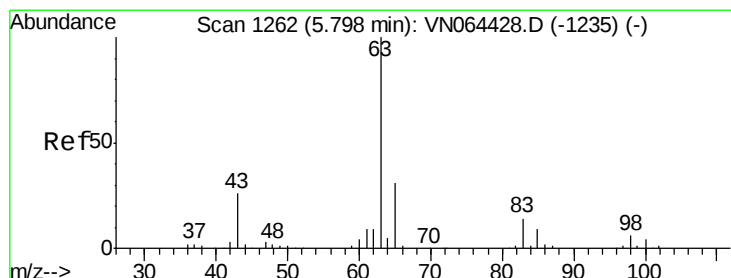
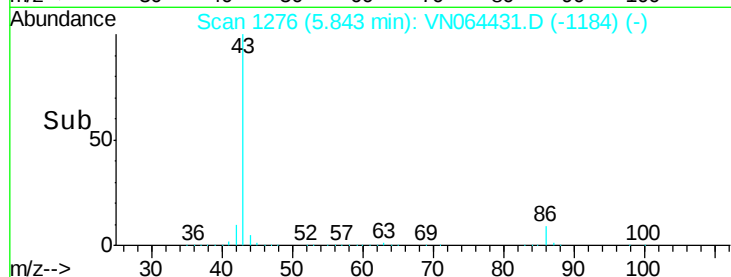
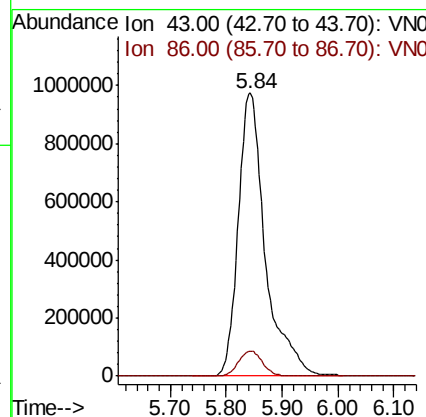
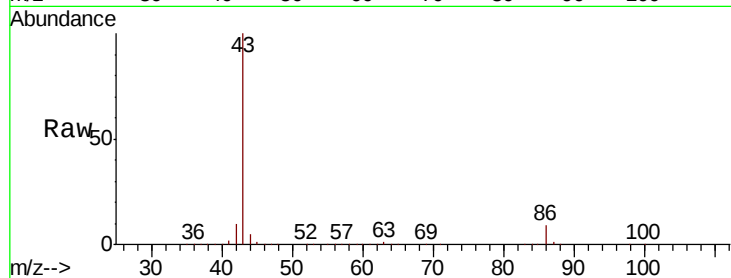
#23
 Vinyl Acetate
 Concen: 267.106 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Tot Ion: 43 Resp: 3287007
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.8 10.2

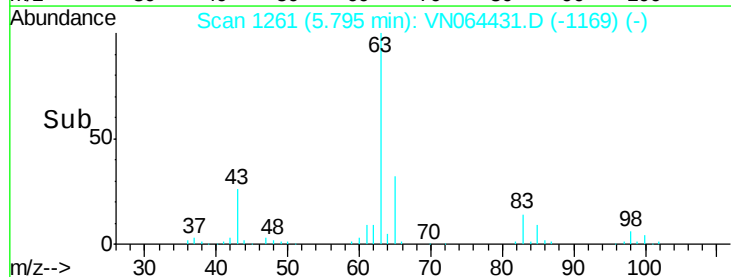
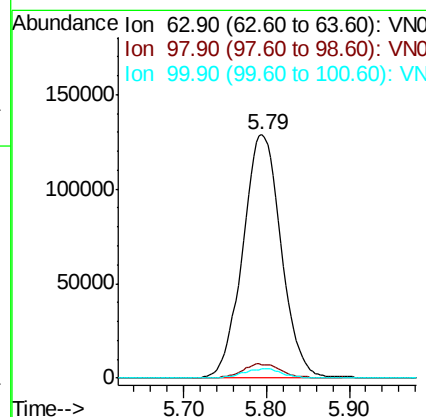
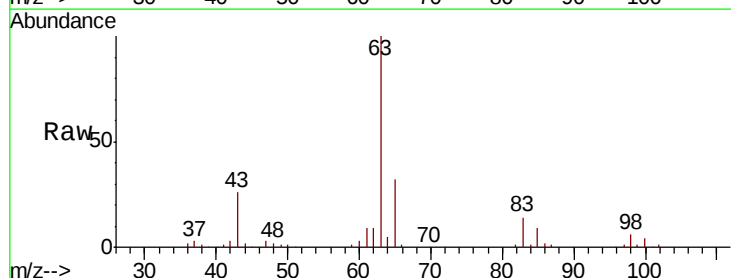
Manual Integrations
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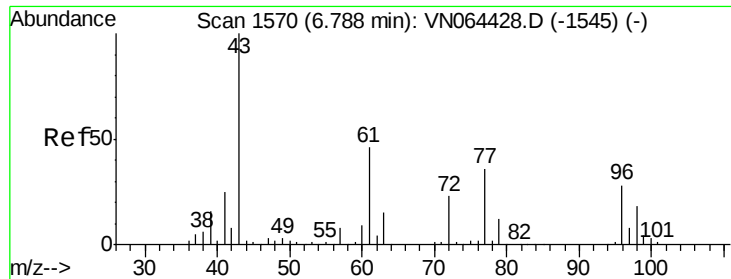
MMDadoda
 11/5/2020 2:19:23 PM



#24
 1,1-Dichloroethane
 Concen: 49.804 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion: 63 Resp: 413997
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.0 9.2
 100 3.8 1.8 5.3





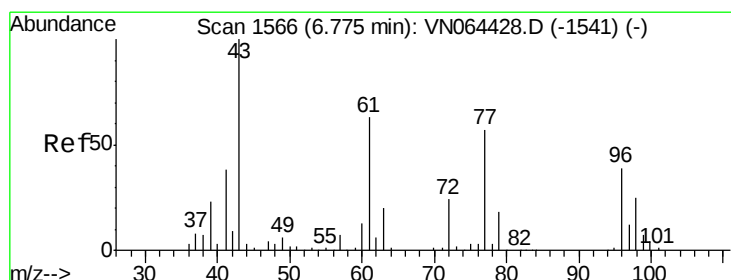
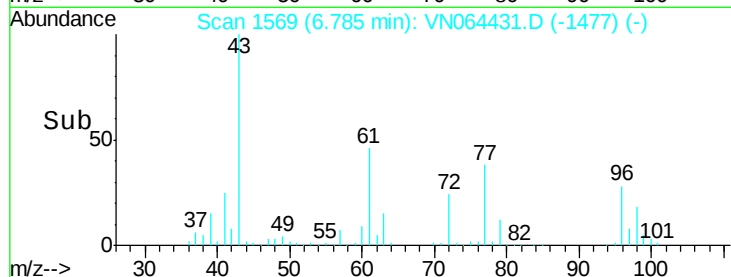
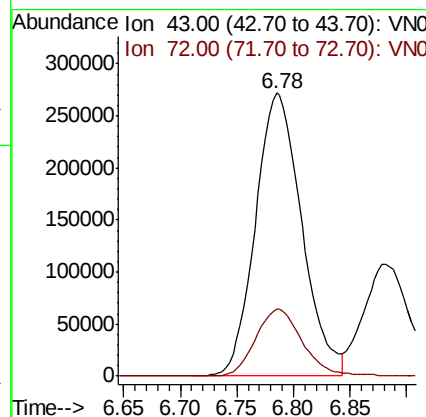
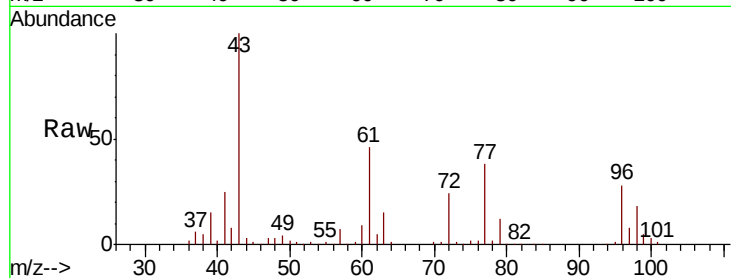
#25
2-Butanone
Concen: 266.988 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion: 43 Resp: 768827
Ion Ratio Lower Upper
43 100
72 23.6 18.5 27.7

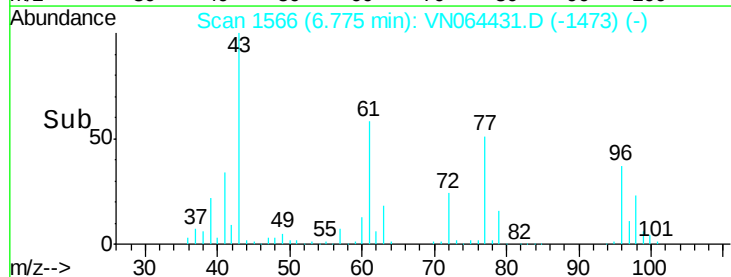
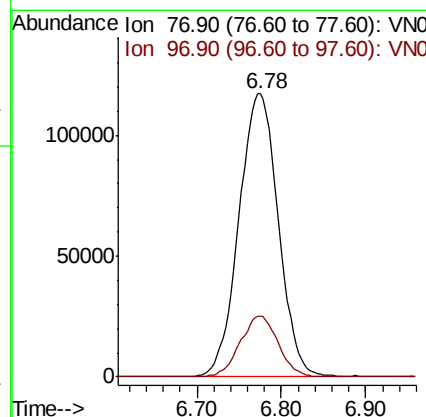
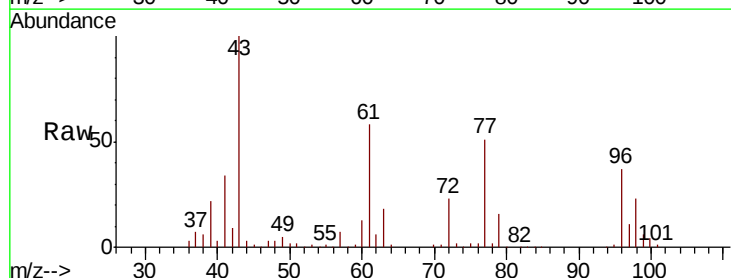
Manual Integrations
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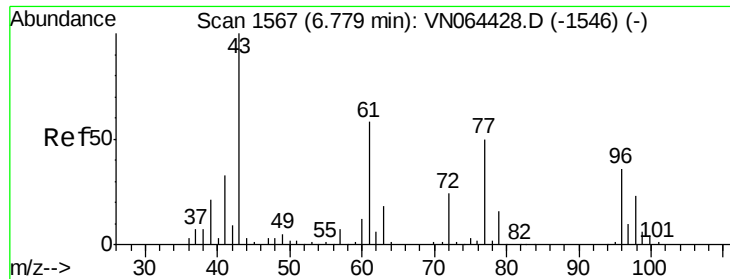
MMDadoda
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#26
2,2-Dichloropropane
Concen: 50.160 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 77 Resp: 377449
Ion Ratio Lower Upper
77 100
97 20.9 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 50.796 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

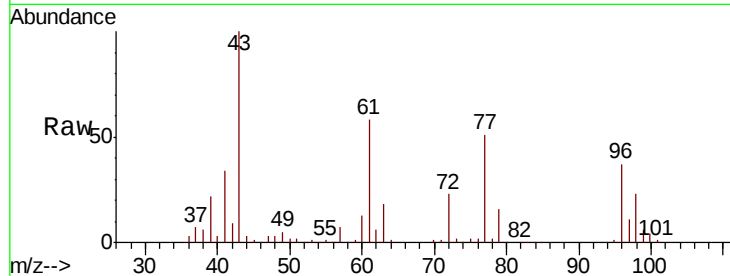
ClientSampleId :

ICVVN110420

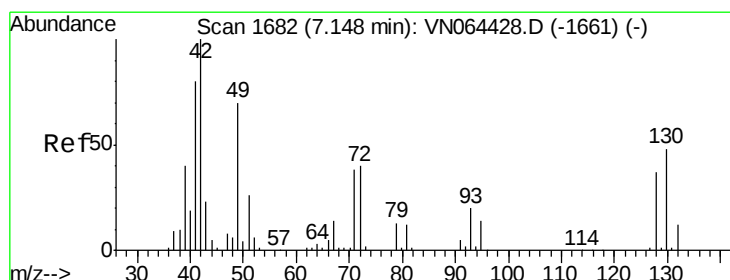
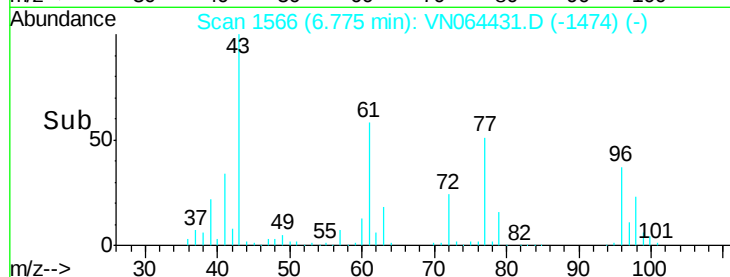
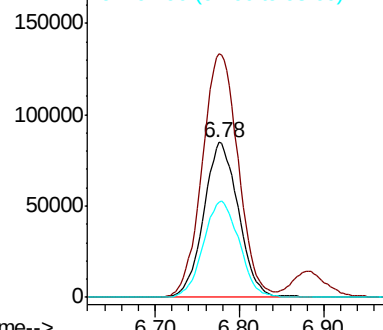
Tot Ion:	96	Resp:	243458
Ion Ratio	Lower	Upper	
96	100		
61	162.7	0.0	329.6
98	63.9	0.0	131.2

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Abundance Ion 95.90 (95.60 to 96.60): VN064431.D (-1474) (-)



#28

Bromochloromethane

Concen: 47.862 ug/l

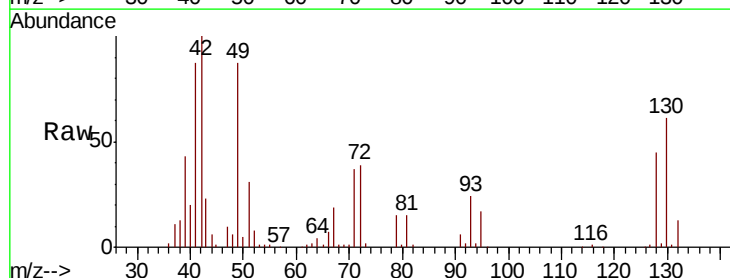
RT: 7.15 min Scan# 1681

Delta R.T. -0.00 min

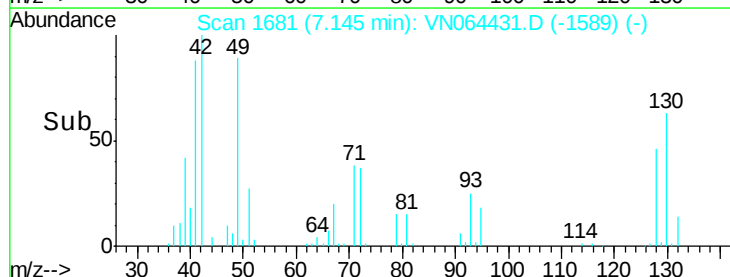
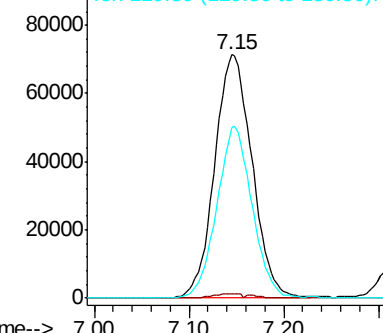
Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Tgt Ion:	49	Resp:	195560
Ion Ratio	Lower	Upper	
49	100		
129	1.3	0.0	3.6
130	66.4	54.2	81.4



Abundance Ion 48.90 (48.60 to 49.60): VN064431.D (-1589) (-)





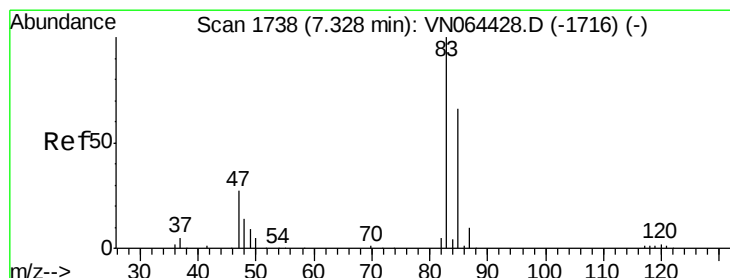
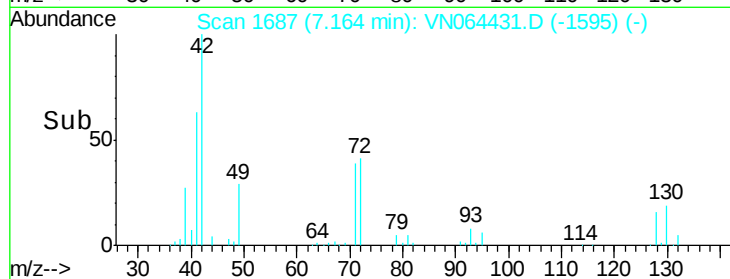
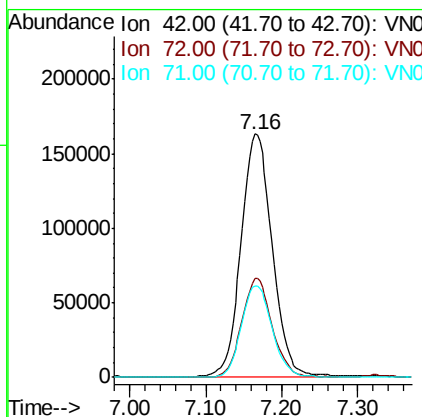
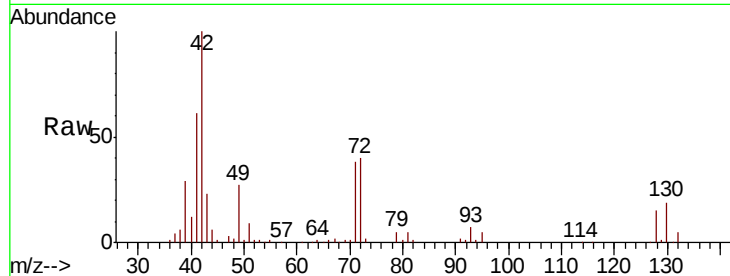
#29
Tetrahydrofuran
Concen: 263.082 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	31.7	47.5
71	37.4	29.8	44.6

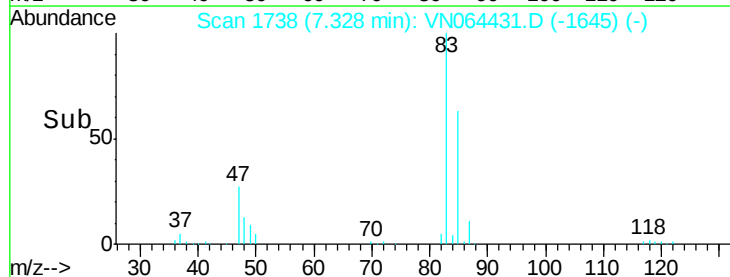
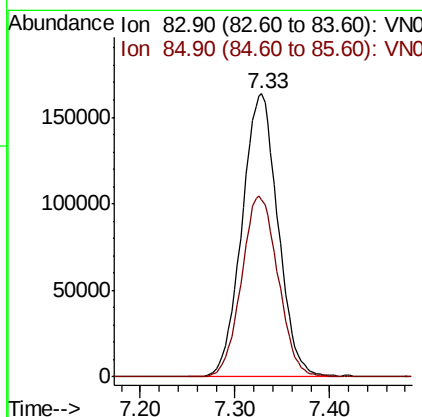
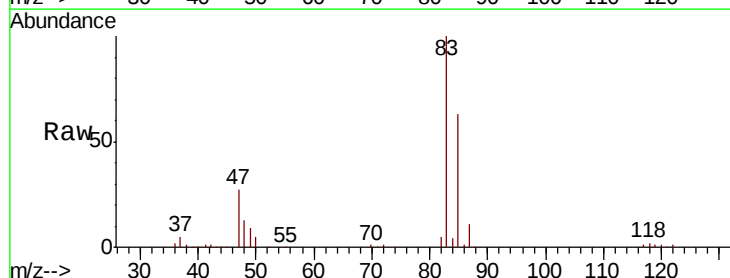
Manual Integrations
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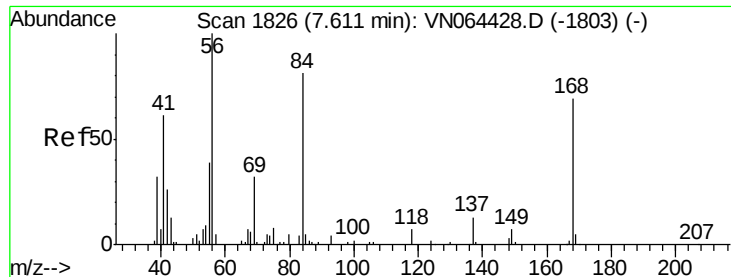
MMDadoda
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#30
Chloroform
Concen: 49.457 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.5	78.7





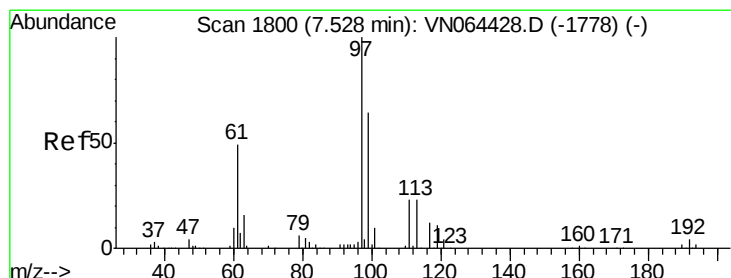
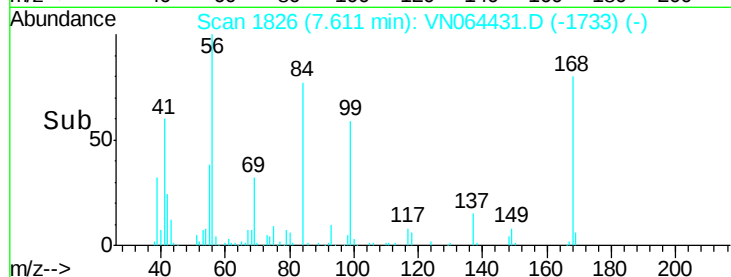
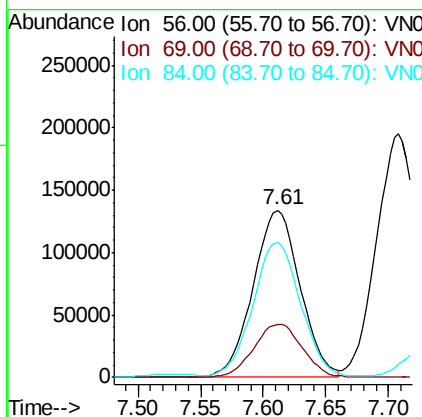
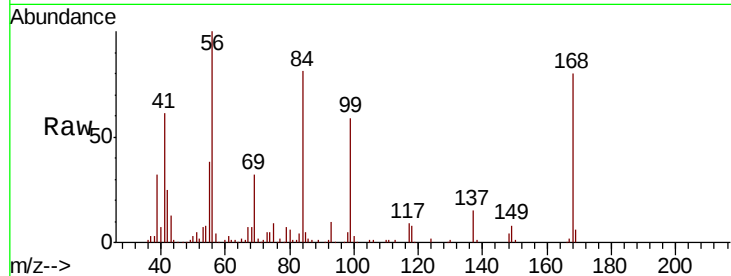
#31
Cyclohexane
Concen: 48.491 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.6	38.4
84	79.0	63.0	94.6

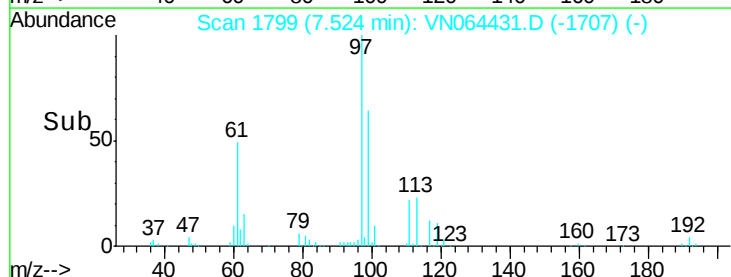
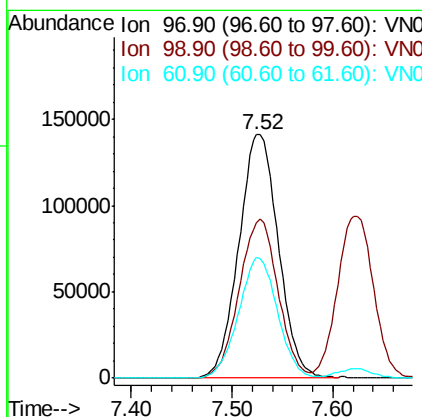
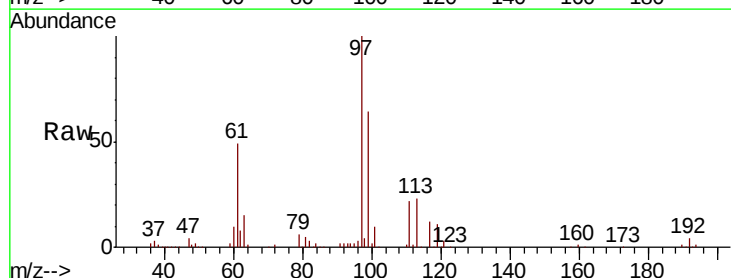
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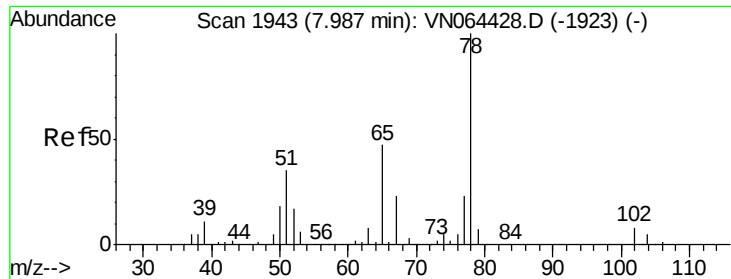
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#32
1,1,1-Trichloroethane
Concen: 49.624 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	48.5	39.1	58.7





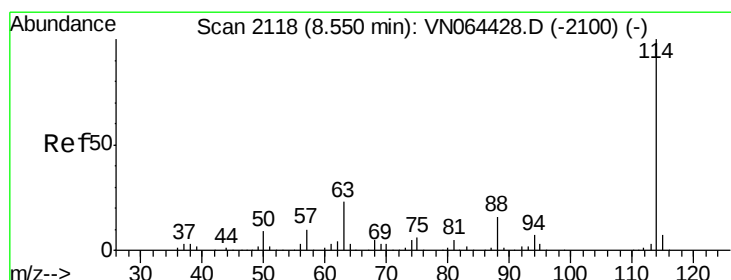
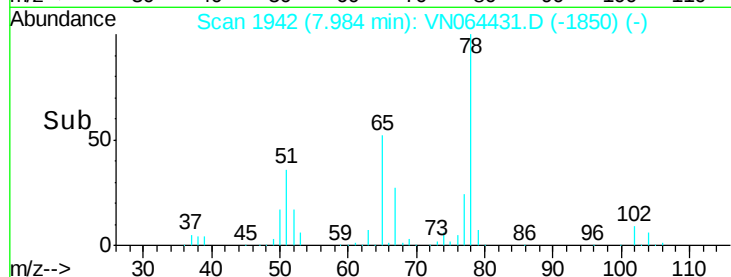
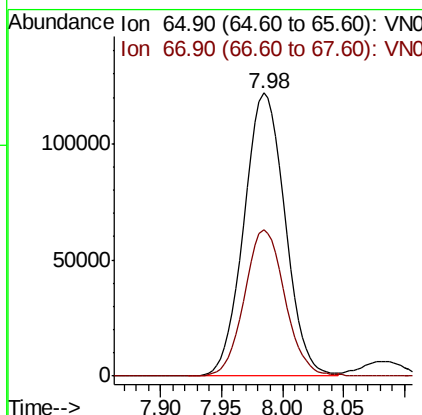
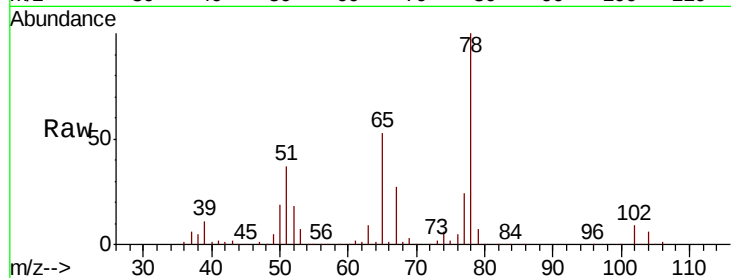
#33
 1,2-Dichloroethane-d4
 Concen: 47.999 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN110420

Tot Ion	Ratio	Resp	Lower	Upper
65	100	284789		
67	50.7	0.0	101.6	

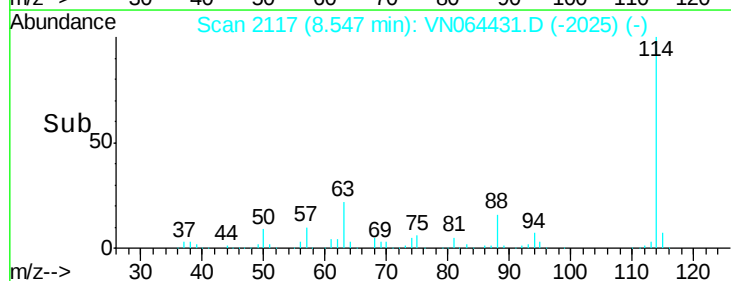
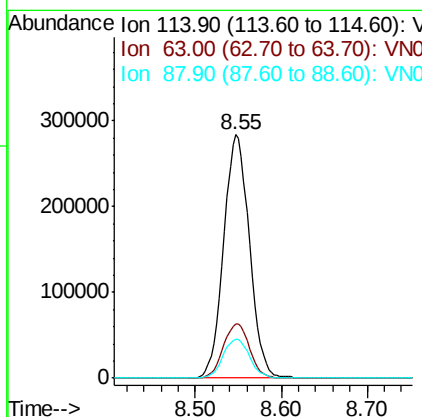
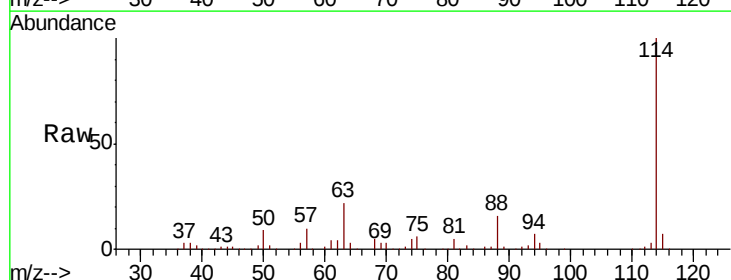
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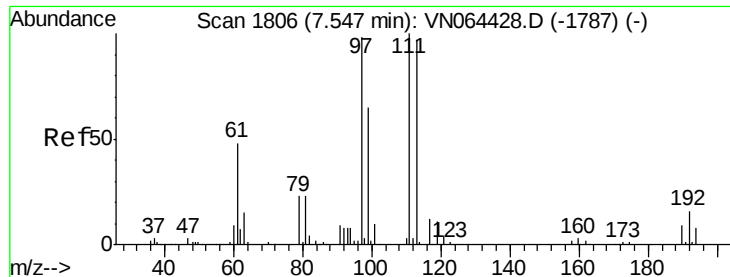
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 11/5/2020 2:19:23 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	592452		
63	22.2	0.0	45.6	
88	16.1	0.0	32.8	





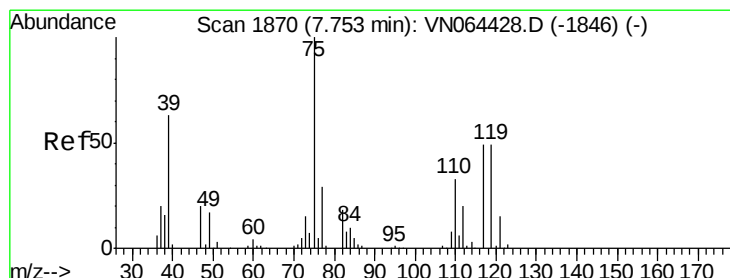
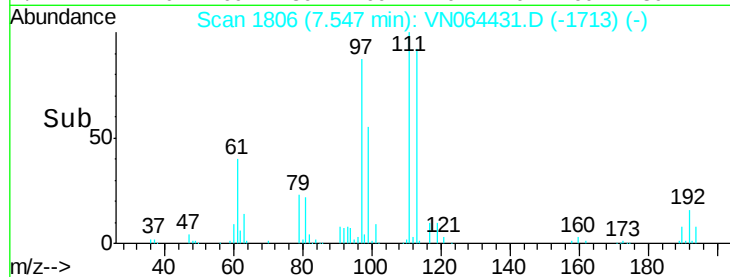
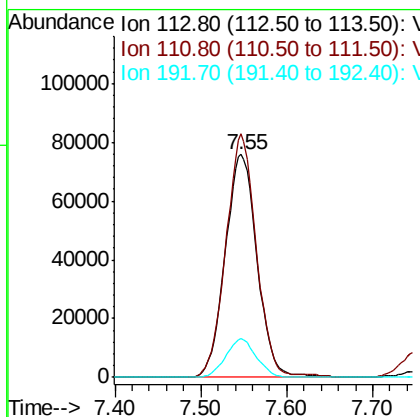
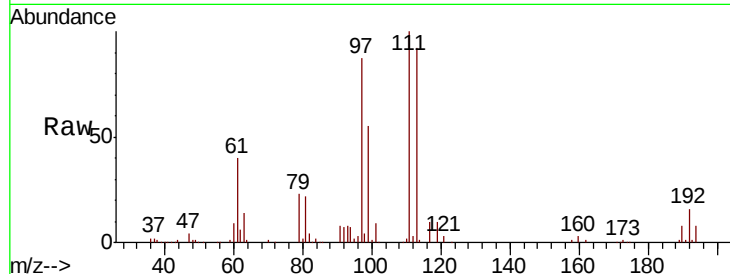
#35
 Dibromofluoromethane
 Concen: 48.382 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Tot Ion	Ratio	Resp	Lower	Upper
113	100	195164		
111	103.5	81.1	121.7	
192	16.5	12.8	19.2	

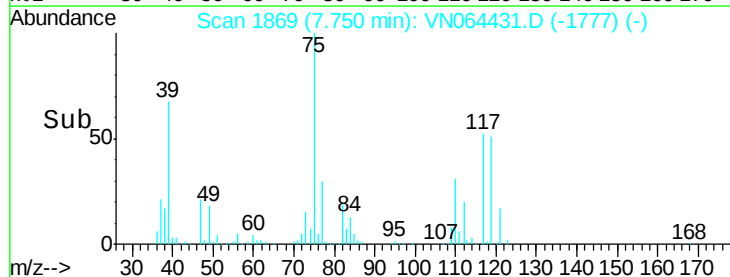
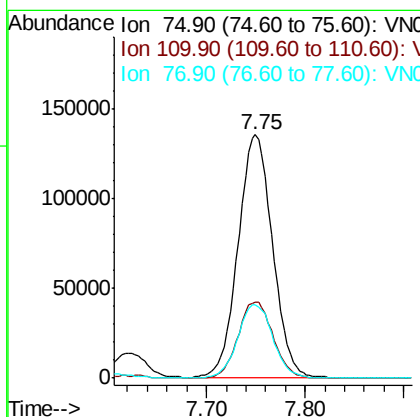
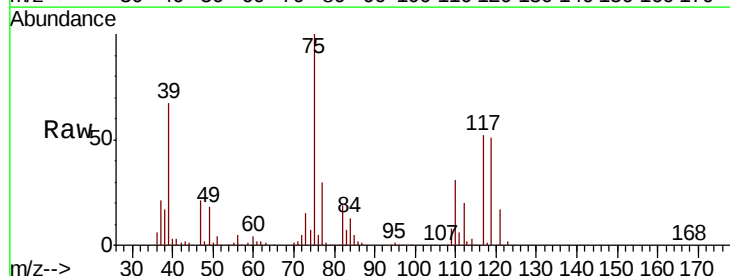
Manual Integrations
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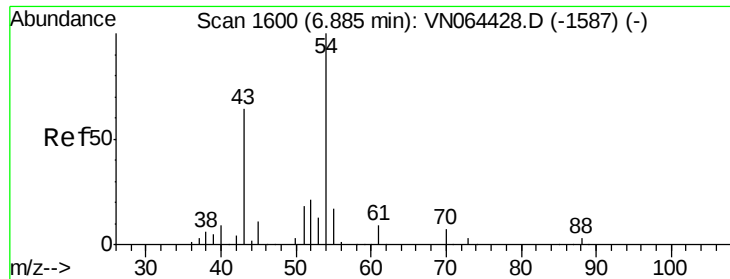
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#36
 1,1-Dichloropropene
 Concen: 52.400 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	327962		
110	31.9	16.0	48.0	
77	31.2	24.0	36.0	





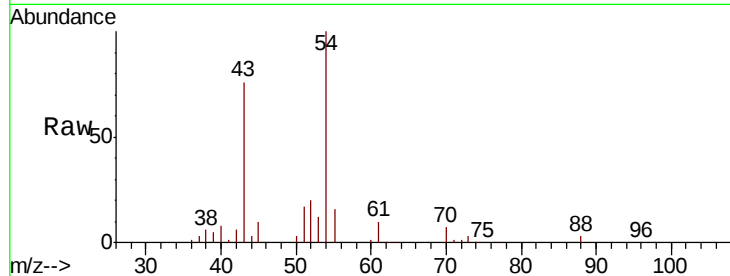
#37
Ethyl Acetate
Concen: 48.792 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

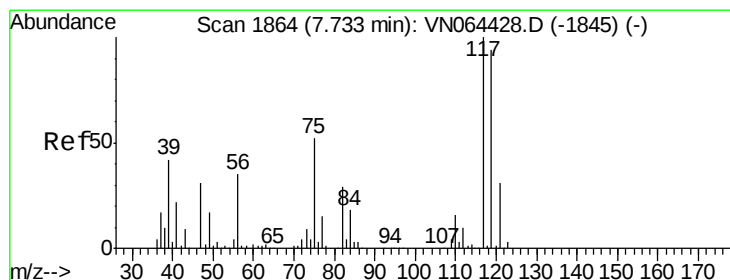
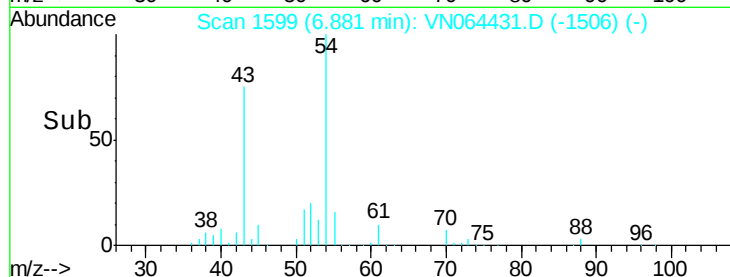
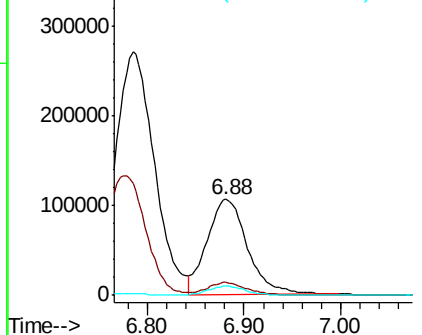
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.0	15.0
70	9.1	7.1	10.7

Manual Integrations
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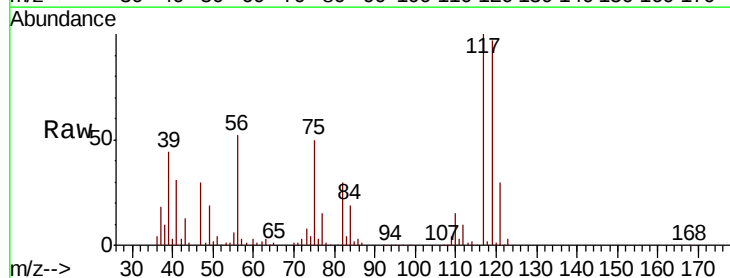


Abundance Ion 43.00 (42.70 to 43.70): VN064431.D (-1506) (-)

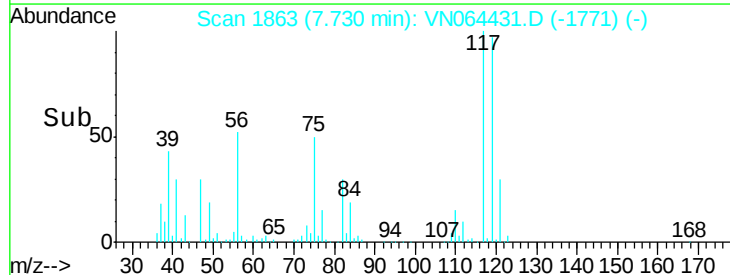
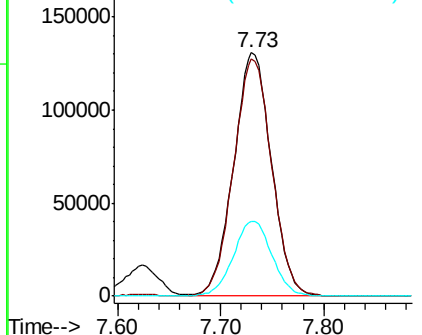


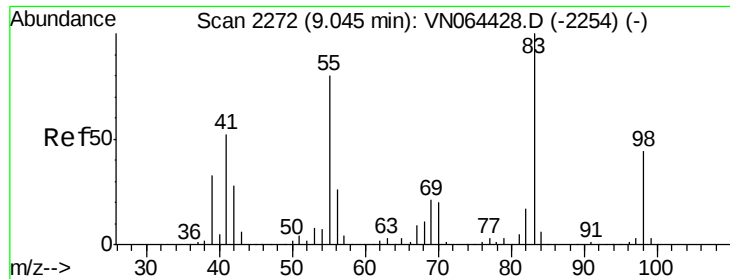
#38
Carbon Tetrachloride
Concen: 49.617 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.5	113.3
121	30.5	24.4	36.6



Abundance Ion 116.80 (116.50 to 117.50): VN064431.D (-1771) (-)





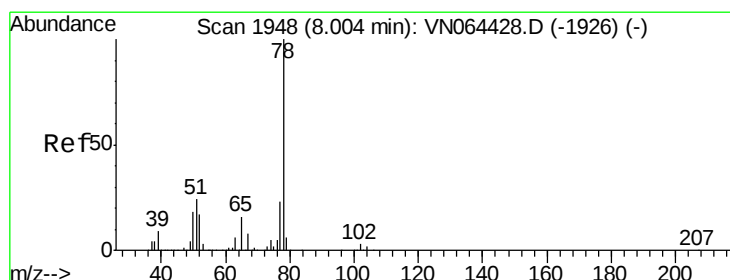
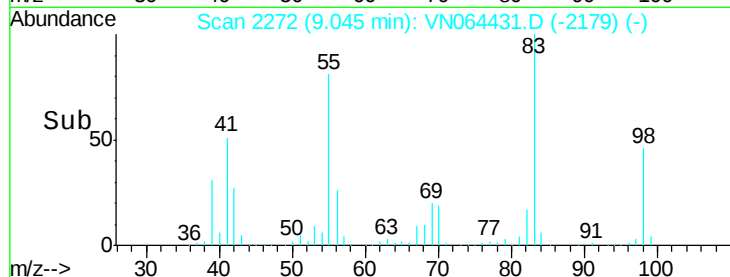
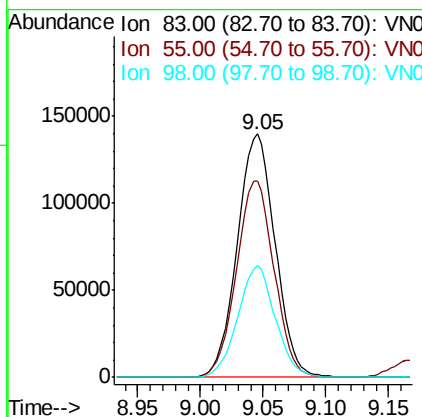
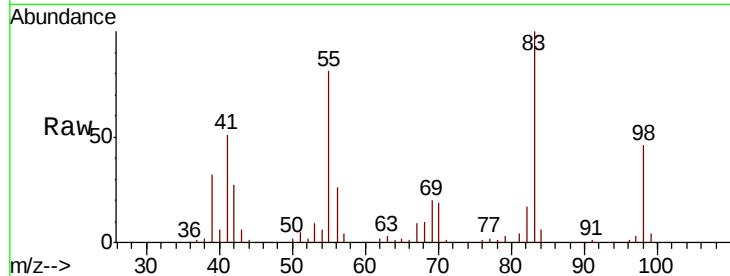
#39
Methvlcvclohexane
Concen: 52.010 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.8	63.8	95.6
98	45.8	35.4	53.2

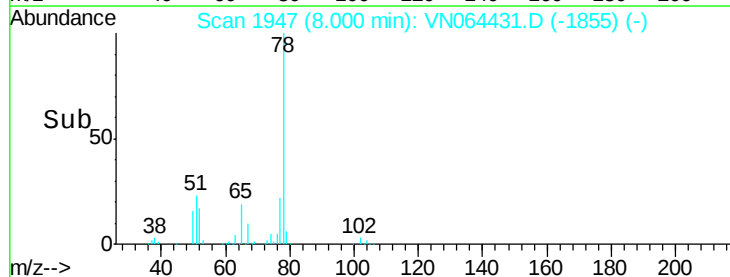
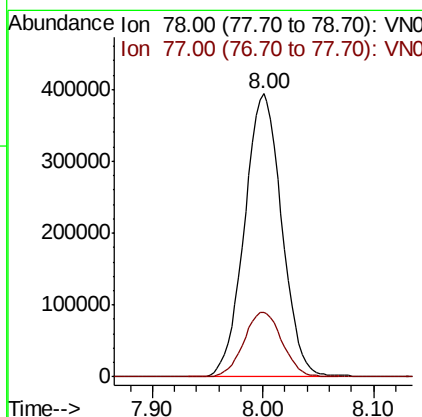
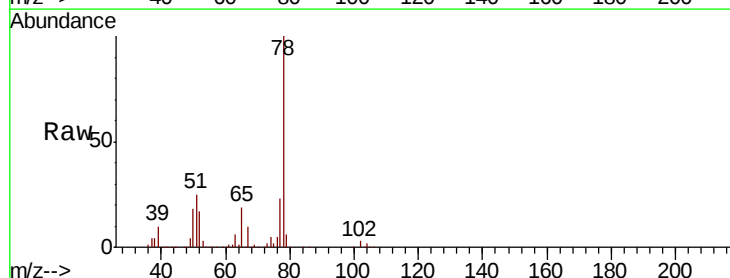
Manual Integrations
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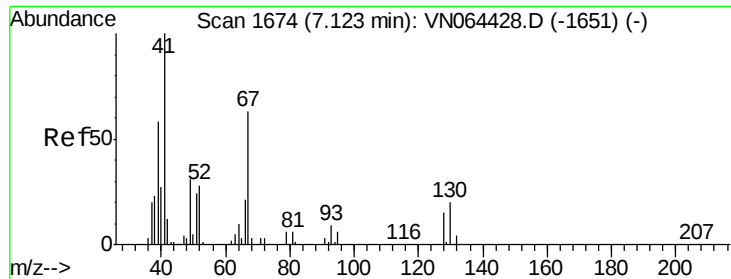
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#40
Benzene
Concen: 50.120 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.7	28.1





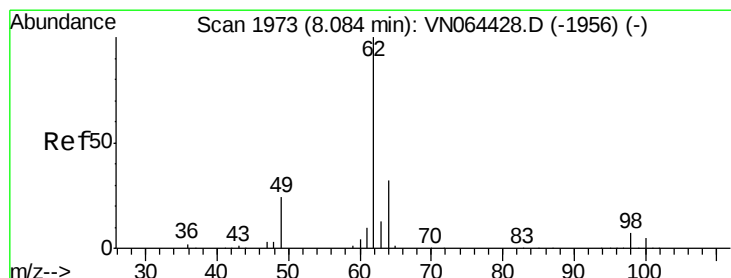
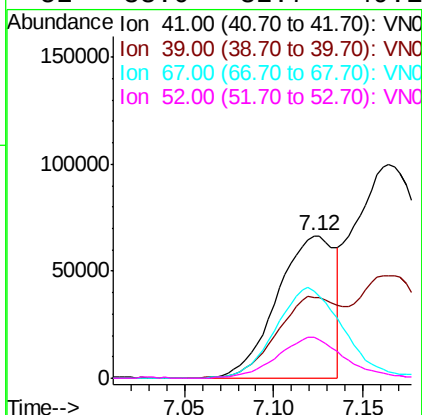
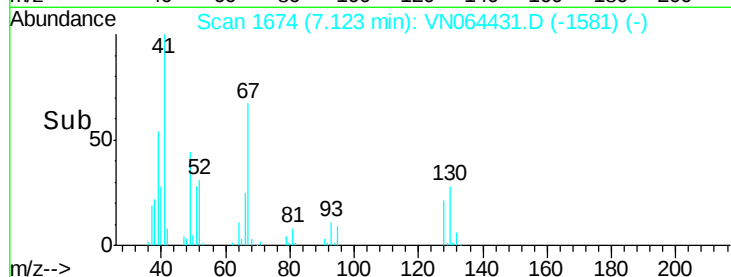
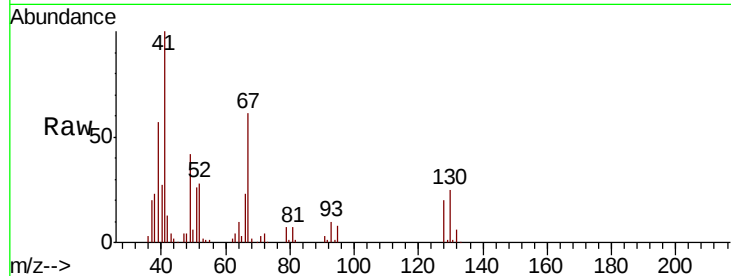
#41
Methacrylonitrile
Concen: 54.256 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	61.5	50.0	75.0	
67	75.0	68.3	102.5	
52	33.0	32.7	49.1	

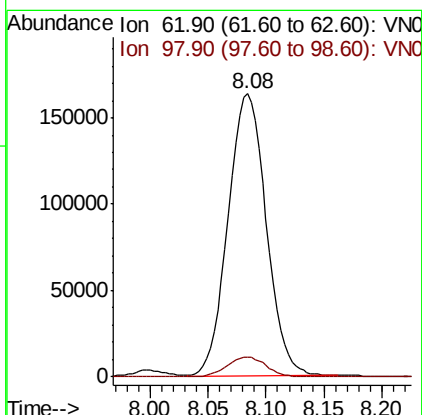
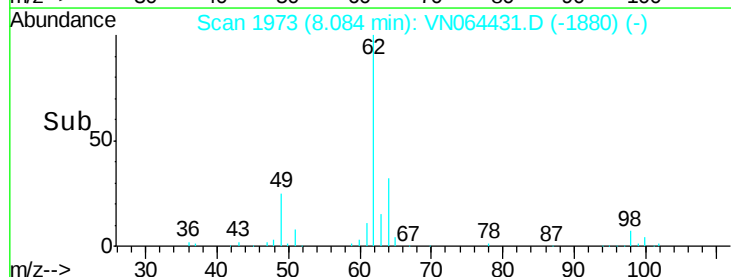
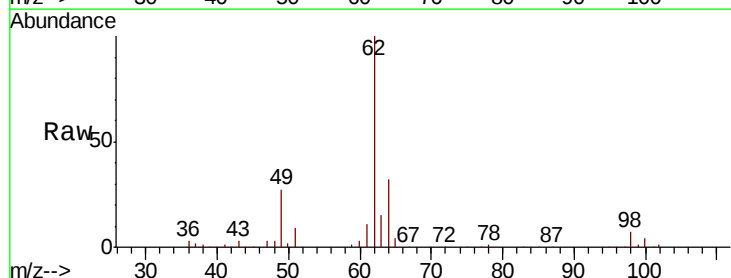
Manual Integrations
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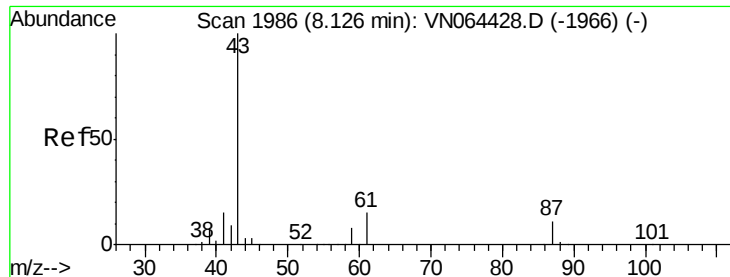
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#42
1,2-Dichloroethane
Concen: 50.408 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.1	0.0	14.0	





#43

Isopropyl Acetate

Concen: 52.722 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

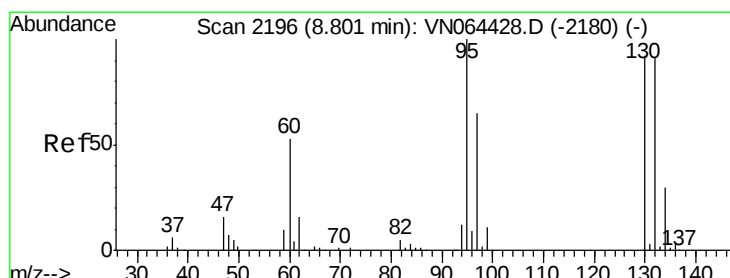
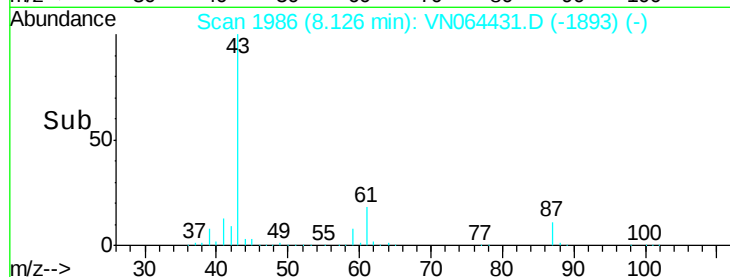
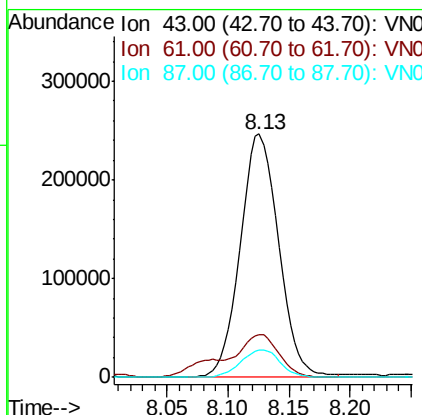
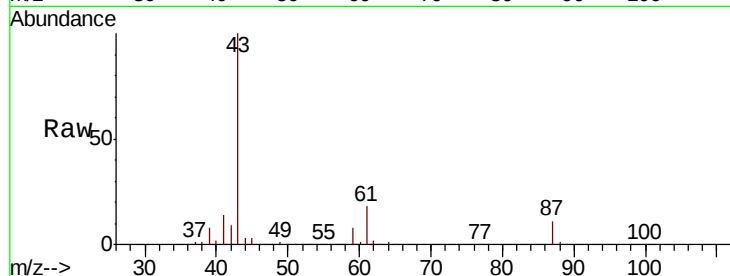
ClientSampleId :

ICVVN110420

Tot Ion:	43	Resp:	534757
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.0	21.0
87	11.6	9.1	13.7

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#44

Trichloroethene

Concen: 50.126 ug/l

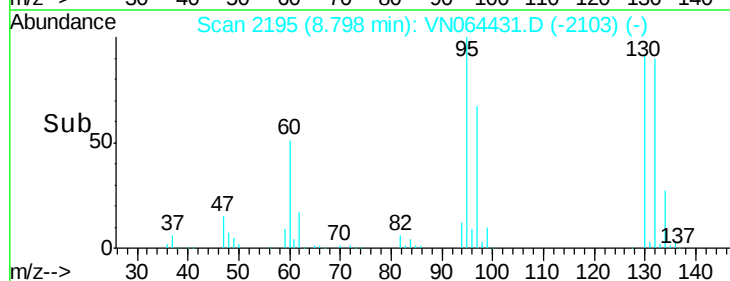
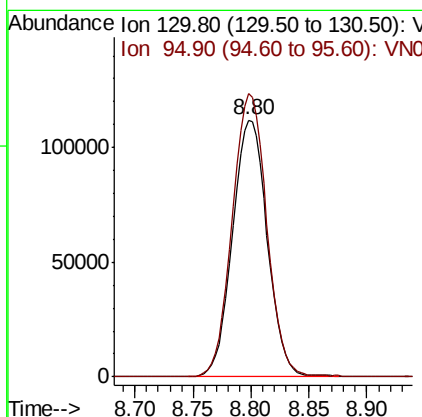
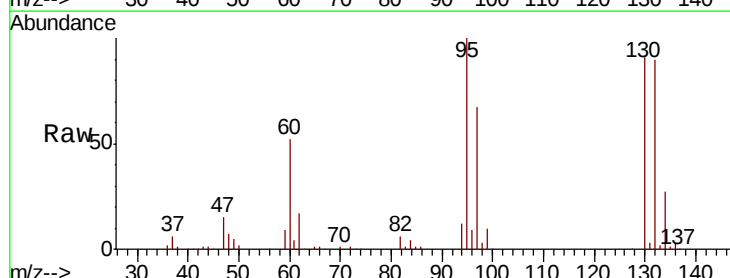
RT: 8.80 min Scan# 2195

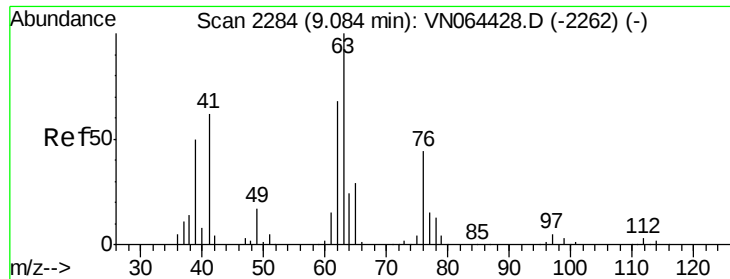
Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Tgt Ion:	130	Resp:	232597
Ion	Ratio	Lower	Upper
130	100		
95	110.2	0.0	216.8





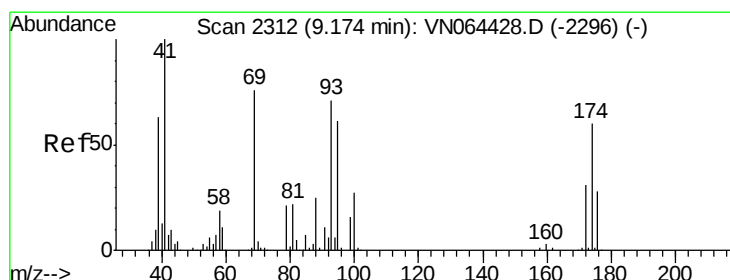
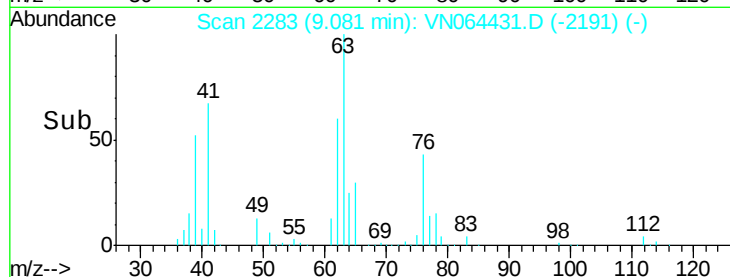
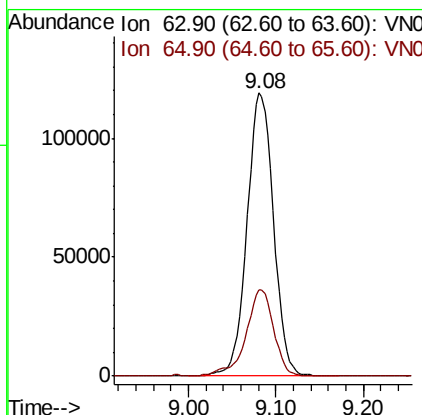
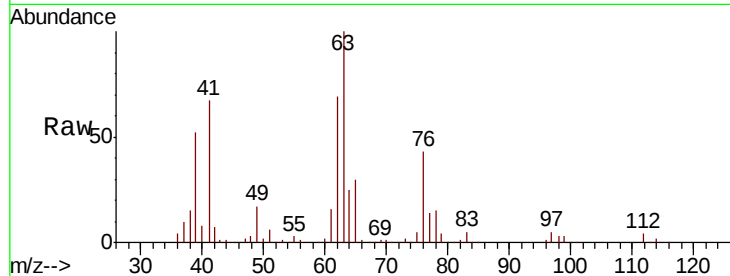
#45
 1,2-Dichloropropane
 Concen: 51.105 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN110420

Tot Ion: 63 Resp: 250790
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.6 35.4

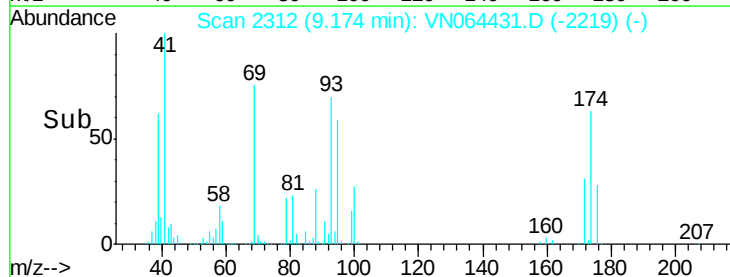
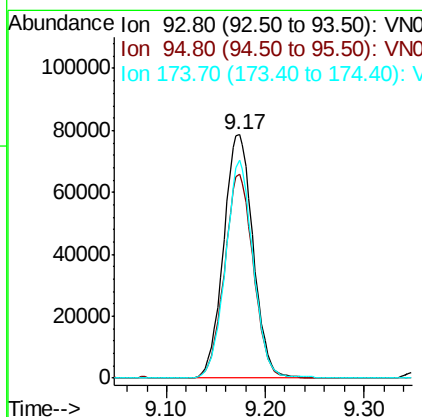
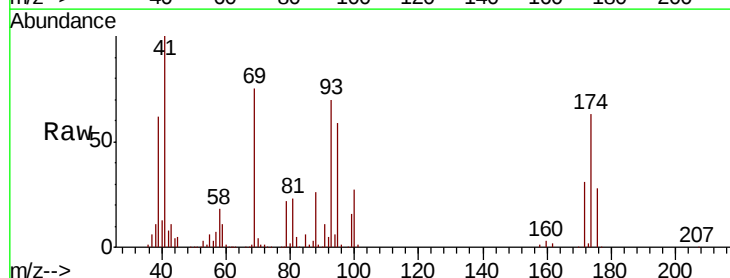
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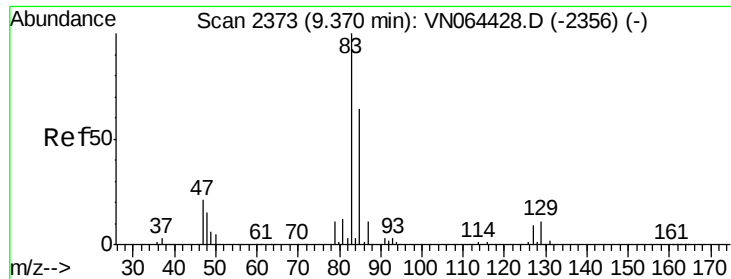
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#46
 Dibromomethane
 Concen: 51.047 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion: 93 Resp: 164905
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.4 99.6
 174 84.0 67.2 100.8





#47

Bromodichloromethane

Concen: 50.316 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

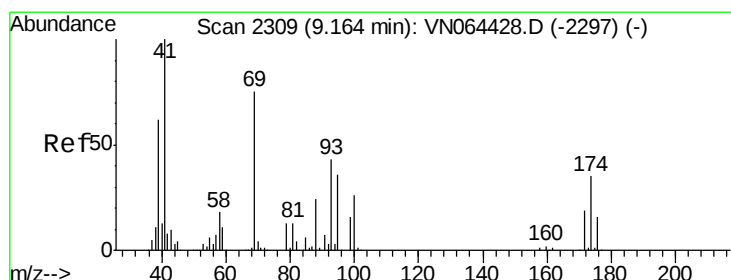
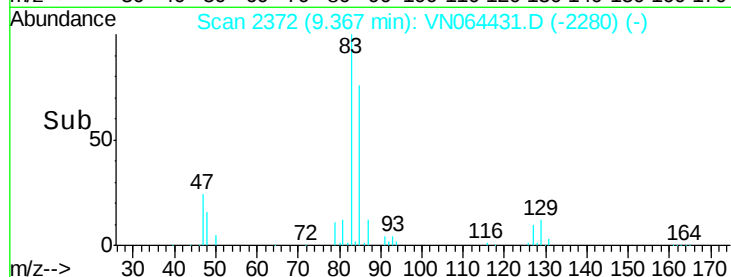
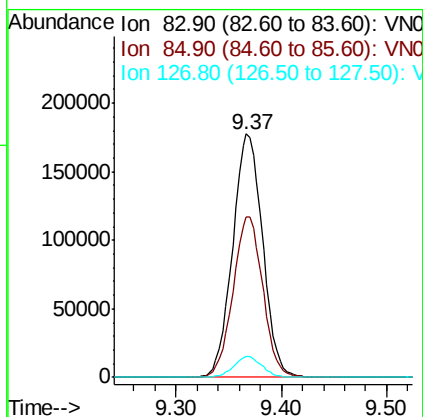
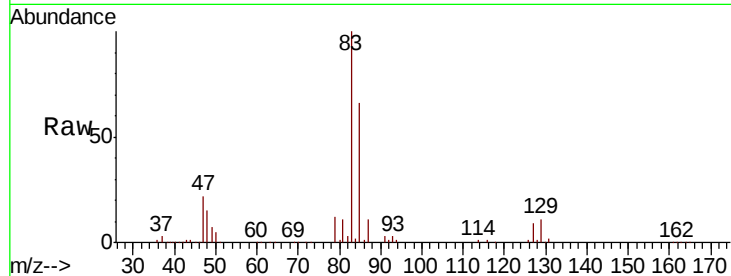
ClientSampleId :

ICVVN110420

Tot Ion:	83	Resp:	349501
Ion Ratio	Lower	Upper	
83	100		
85	66.1	51.2	76.8
127	8.5	6.9	10.3

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#48

Methyl methacrylate

Concen: 53.428 ug/l

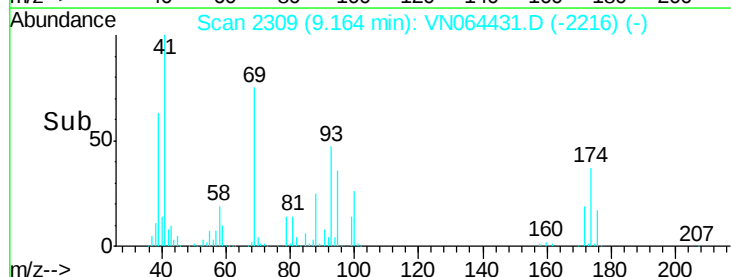
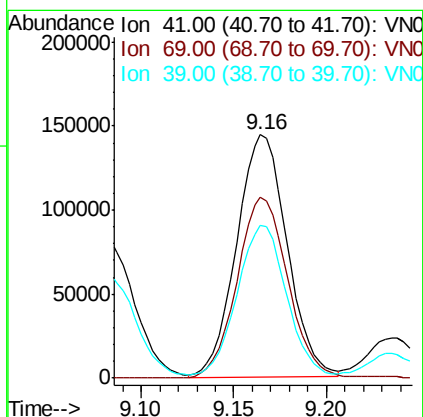
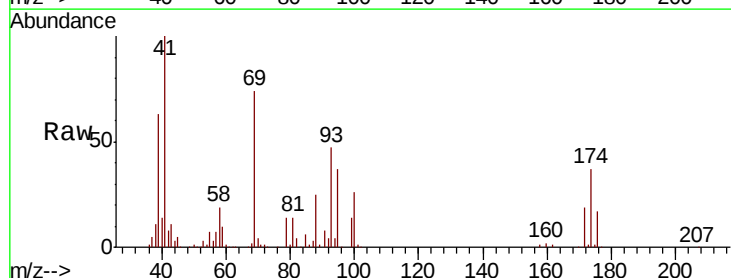
RT: 9.16 min Scan# 2309

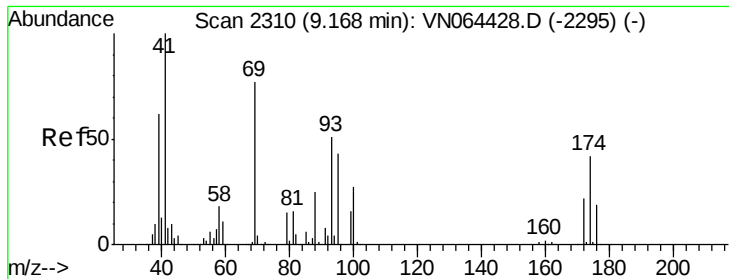
Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Tgt Ion:	41	Resp:	273453
Ion Ratio	Lower	Upper	
41	100		
69	75.2	60.4	90.6
39	62.0	51.2	76.8





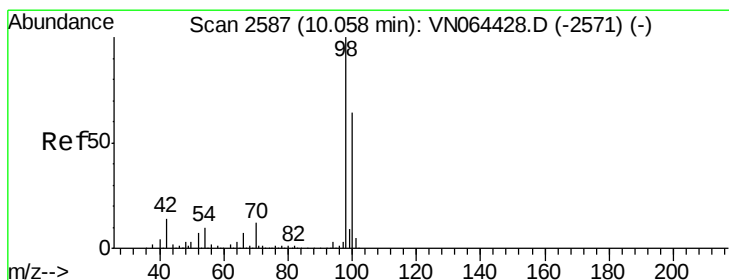
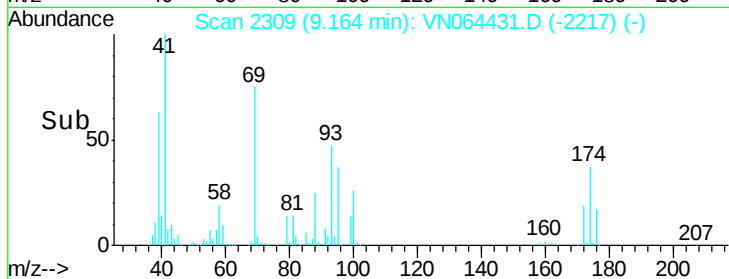
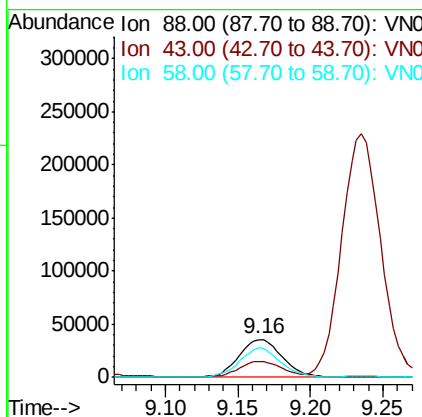
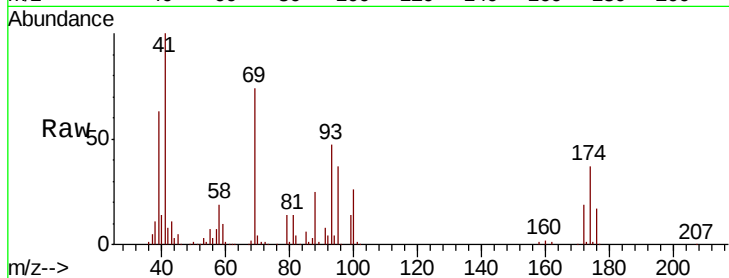
#49
1,4-Dioxane
Concen: 1097.686 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.4	31.0	46.6
58	74.1	58.4	87.6

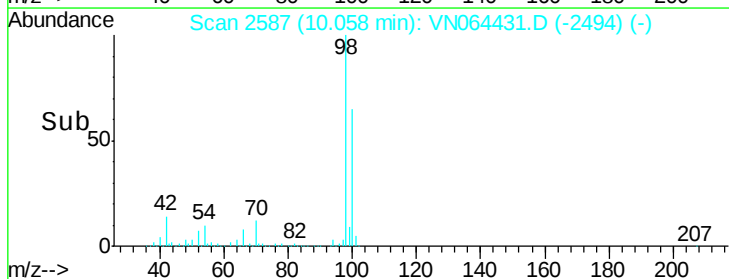
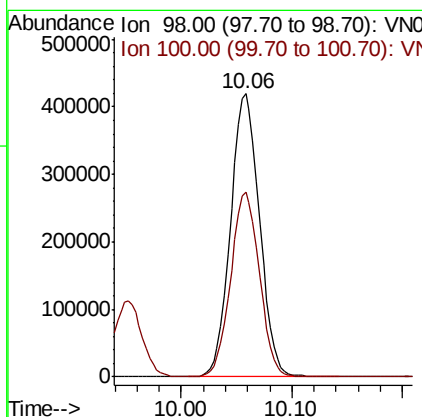
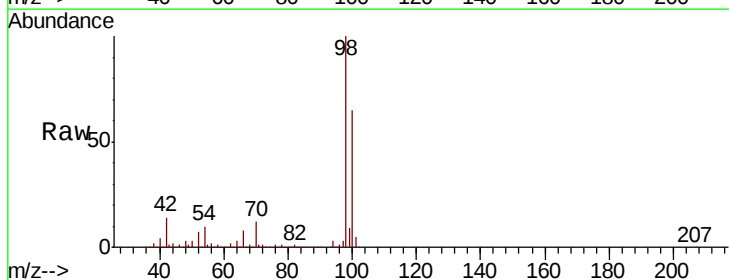
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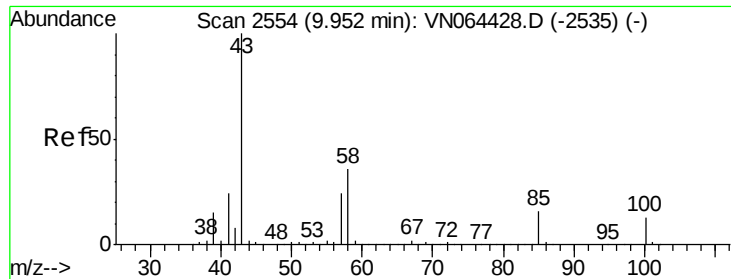
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#50
Toluene-d8
Concen: 49.109 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 269.492 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

Tot Ion: 43 Resp: 1594073

Ion Ratio Lower Upper

43 100

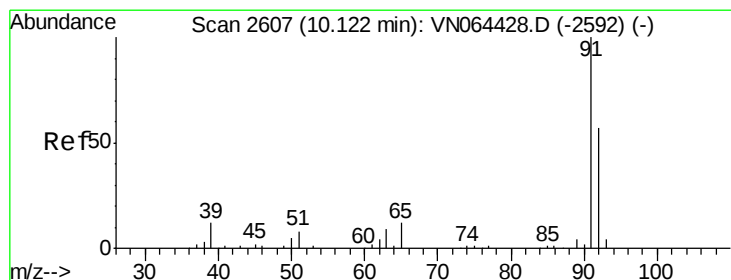
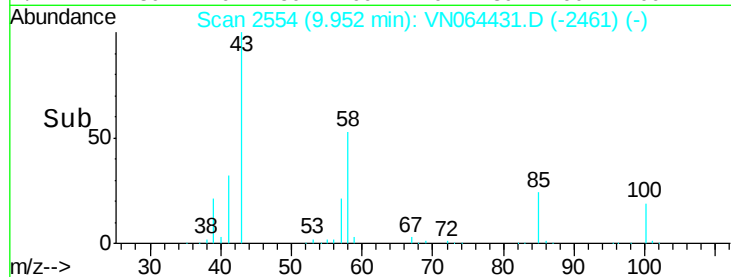
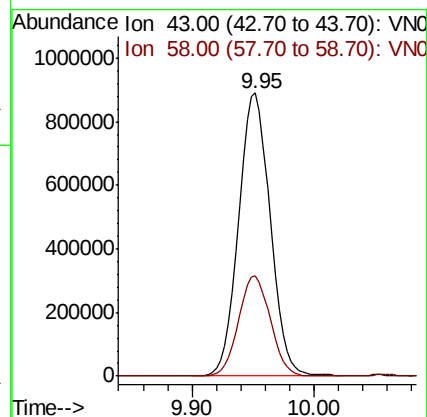
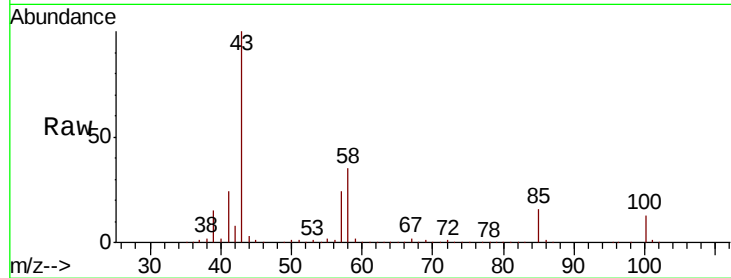
58 35.7 28.4 42.6

Manual Integrations

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#52

Toluene

Concen: 52.134 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN064431.D

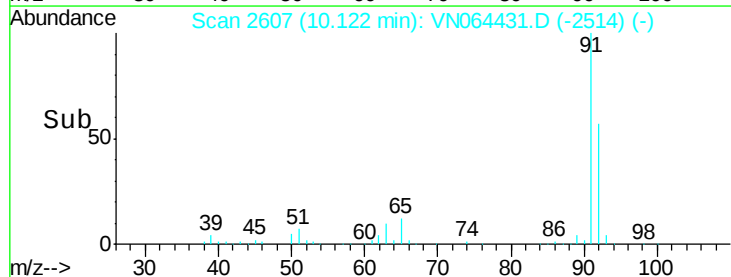
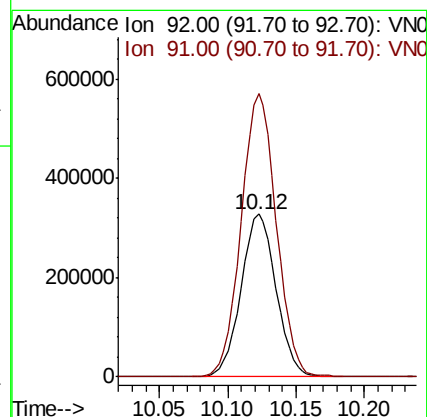
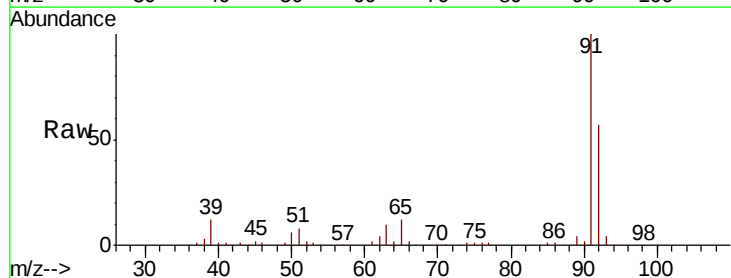
Acq: 4 Nov 2020 12:47

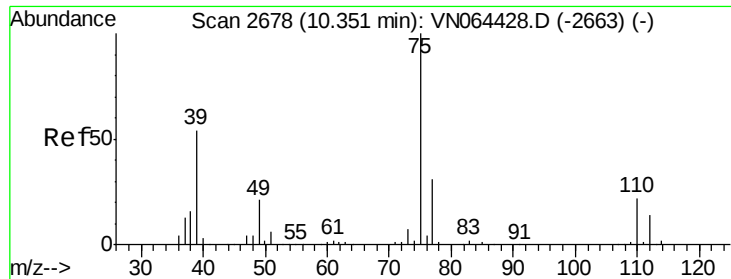
Tgt Ion: 92 Resp: 584804

Ion Ratio Lower Upper

92 100

91 174.9 139.6 209.4





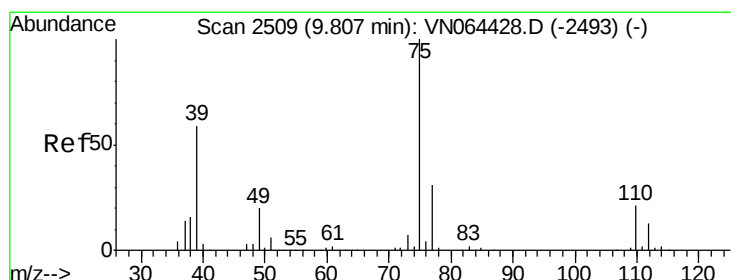
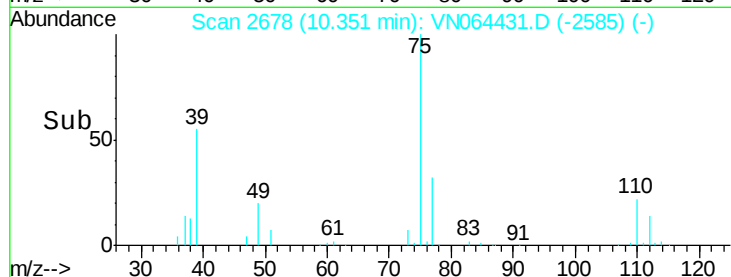
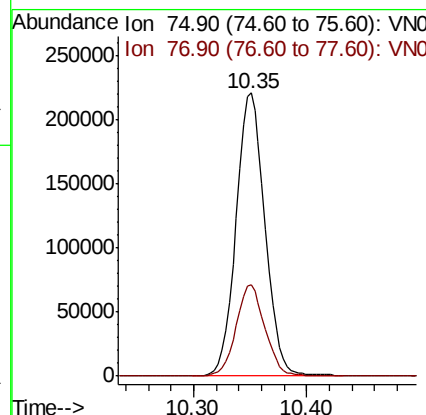
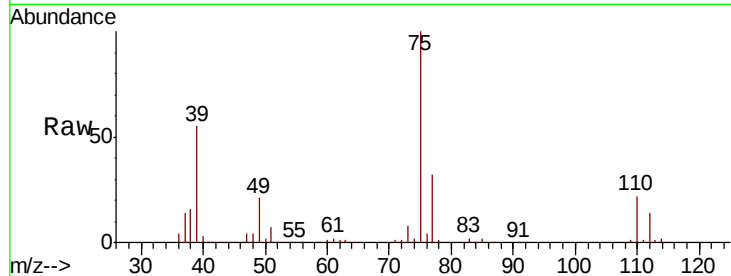
#53
t-1,3-Dichloropropene
Concen: 53.282 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion: 75 Resp: 392374
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2

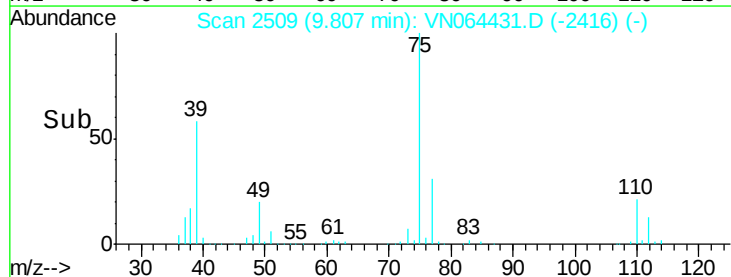
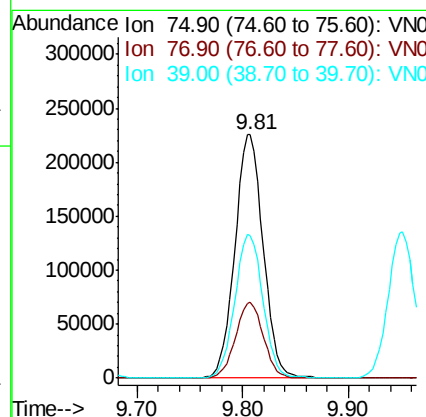
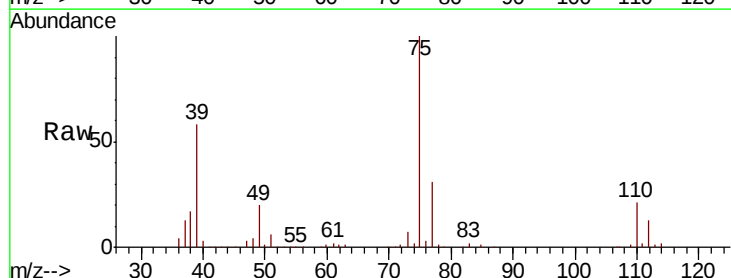
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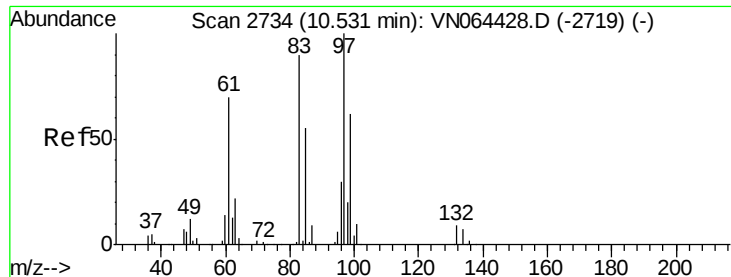
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#54
cis-1,3-Dichloropropene
Concen: 53.150 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 75 Resp: 418473
Ion Ratio Lower Upper
75 100
77 31.0 24.9 37.3
39 58.3 47.1 70.7





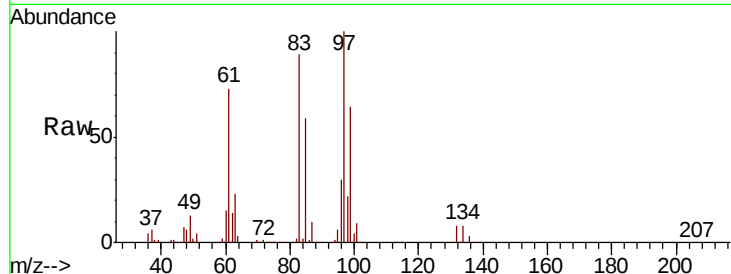
#55
 1,1,2-Trichloroethane
 Concen: 50.422 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

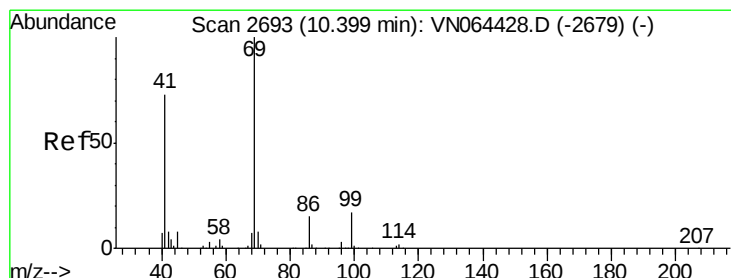
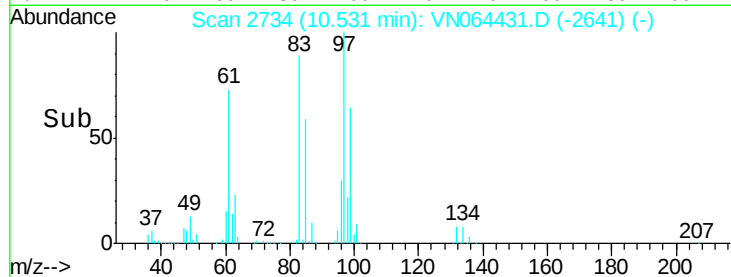
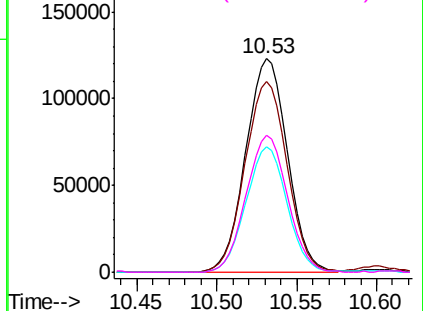
Tot Ion:	97	Resp:	220581
Ion	Ratio	Lower	Upper
97	100		
83	89.4	71.7	107.5
85	58.9	44.3	66.5
99	64.1	49.4	74.2

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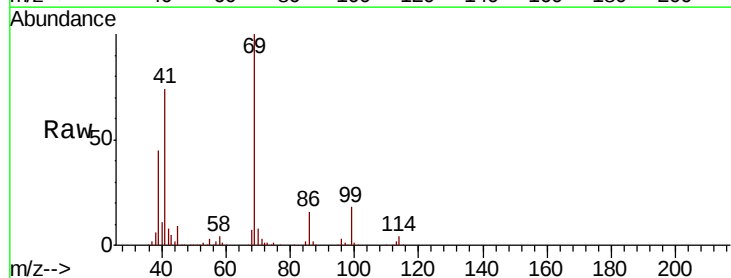


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

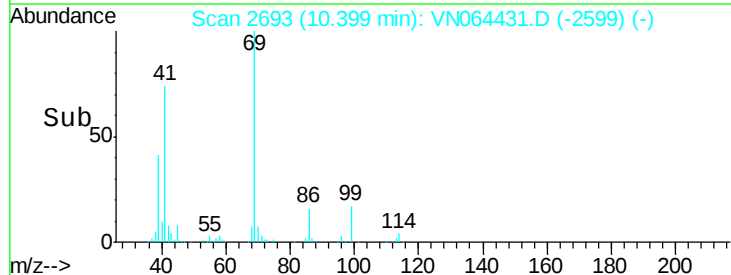
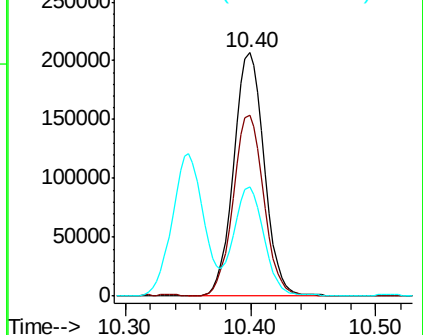


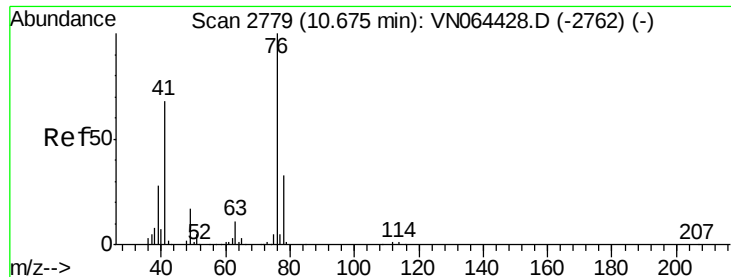
#56
 Ethyl methacrylate
 Concen: 48.816 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion:	69	Resp:	351040
Ion	Ratio	Lower	Upper
69	100		
41	73.8	59.3	88.9
39	43.6	35.4	53.0



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





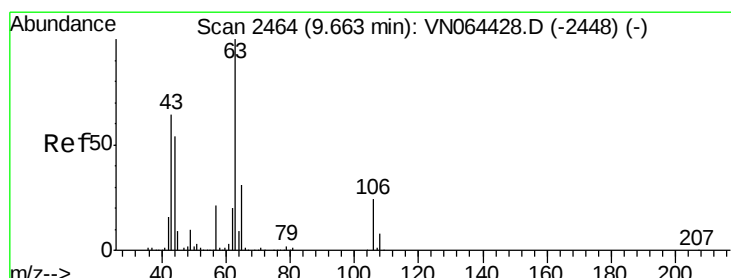
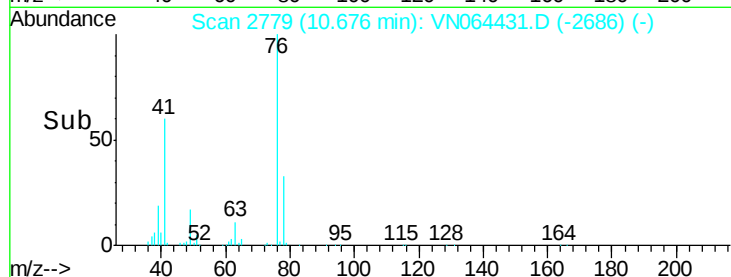
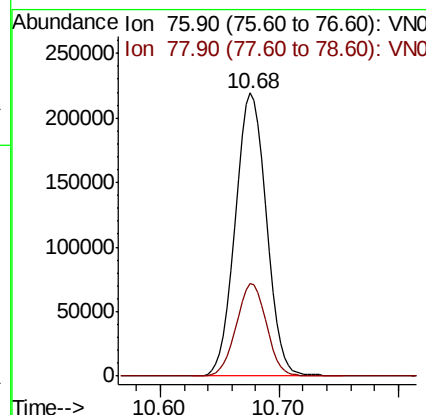
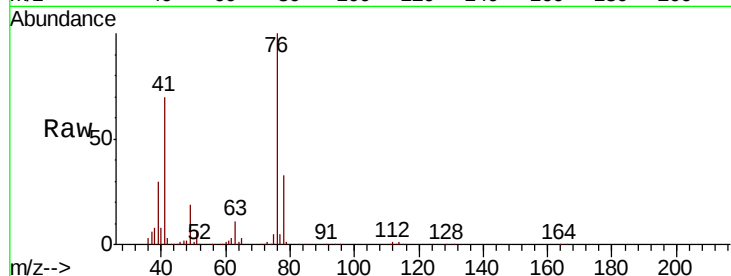
#57
 1,3-Dichloropropane
 Concen: 52.141 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.6

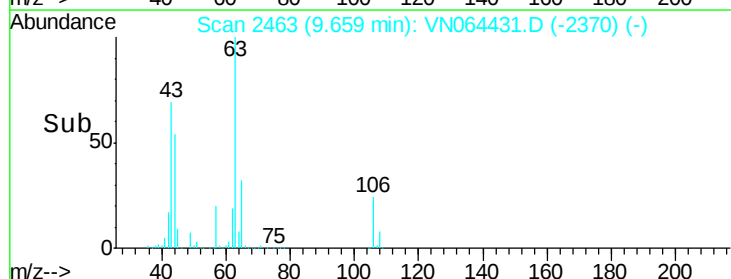
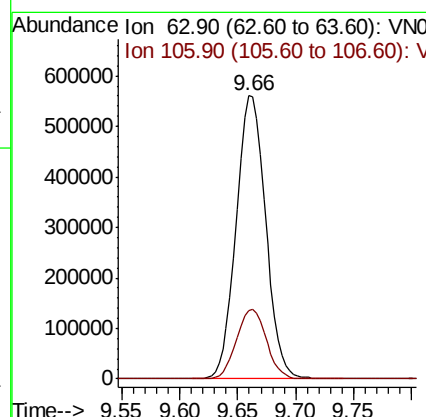
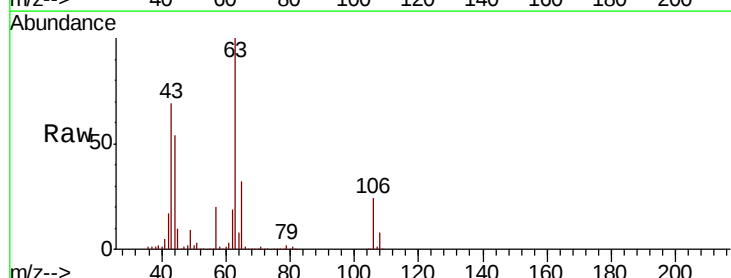
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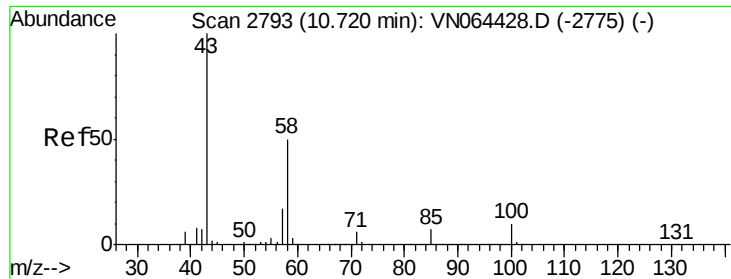
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#58
 2-Chloroethyl Vinyl ether
 Concen: 286.956 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.1	19.5	29.3





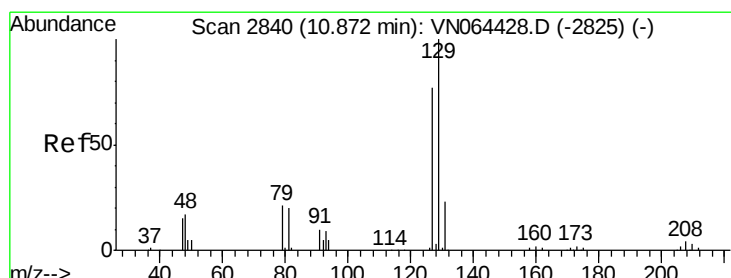
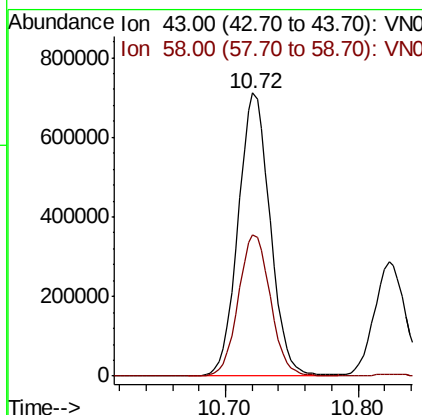
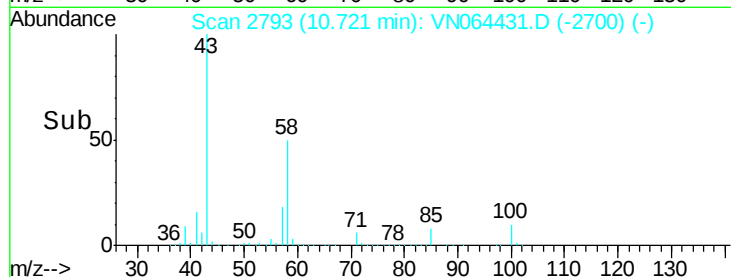
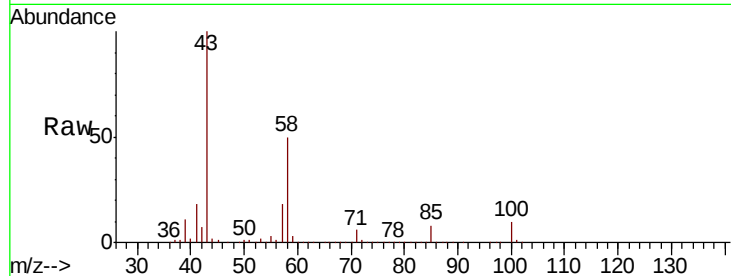
#59
2-Hexanone
Concen: 246.572 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion: 43 Resp: 1189045
Ion Ratio Lower Upper
43 100
58 50.2 24.7 74.1

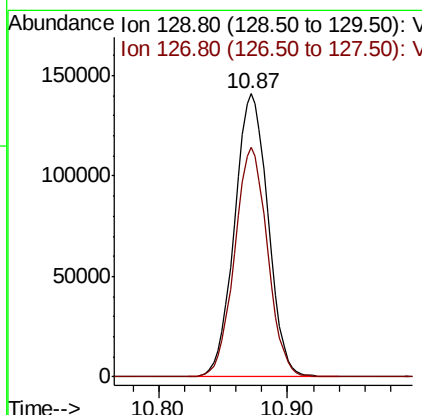
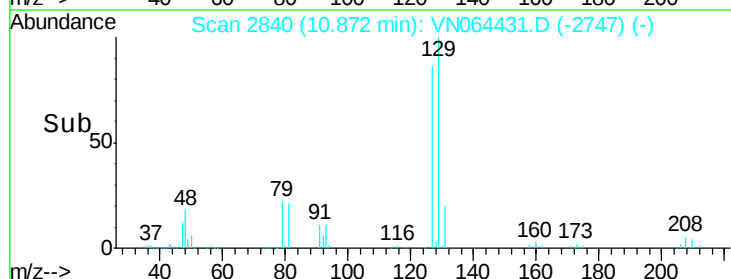
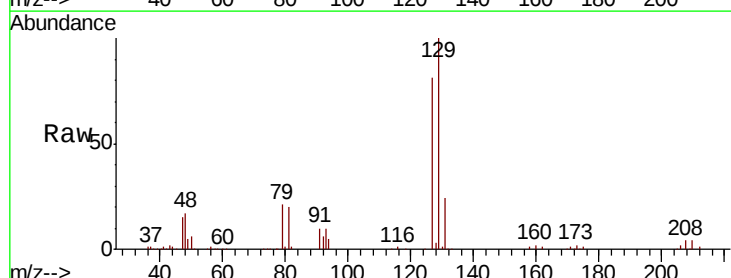
Manual Integrations
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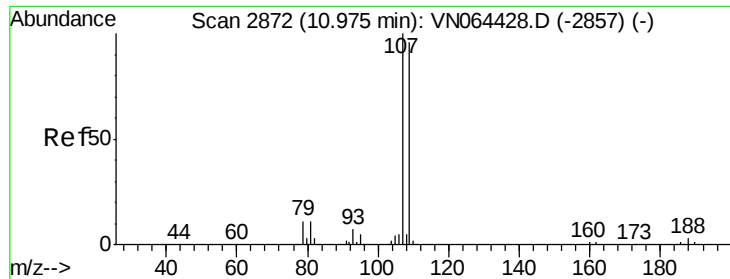
MMDadoda
11/5/2020 2:19:23 PM



#60
Dibromochloromethane
Concen: 51.982 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 129 Resp: 254605
Ion Ratio Lower Upper
129 100
127 79.5 38.9 116.7





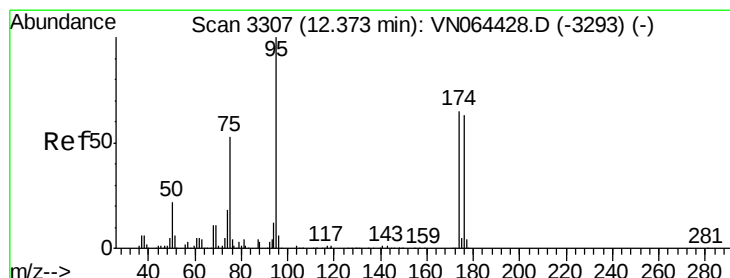
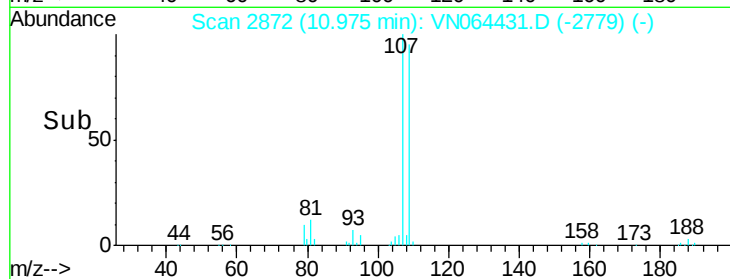
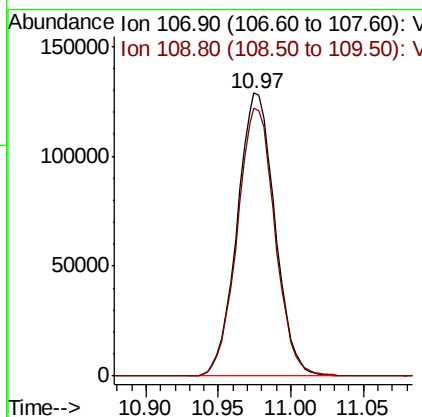
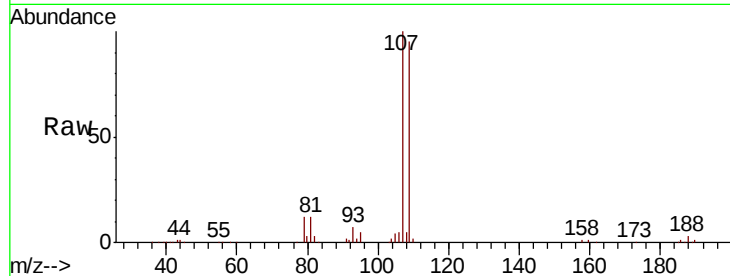
#61
 1,2-Dibromoethane
 Concen: 52.381 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.9	113.9

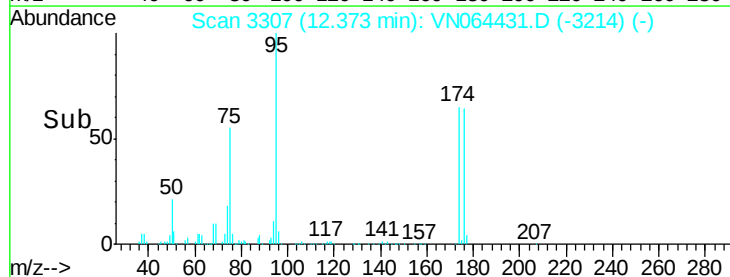
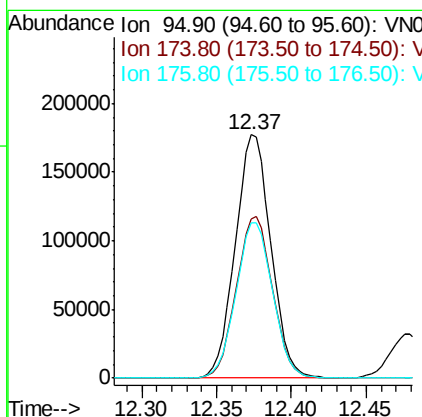
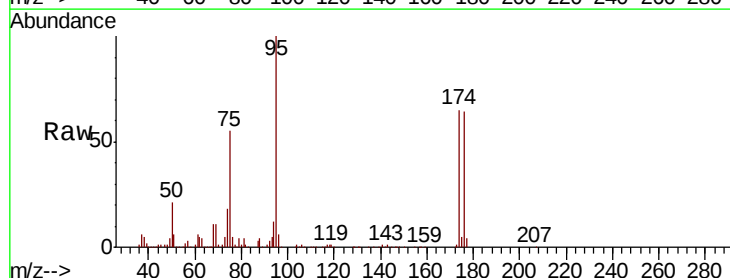
Manual Integrations
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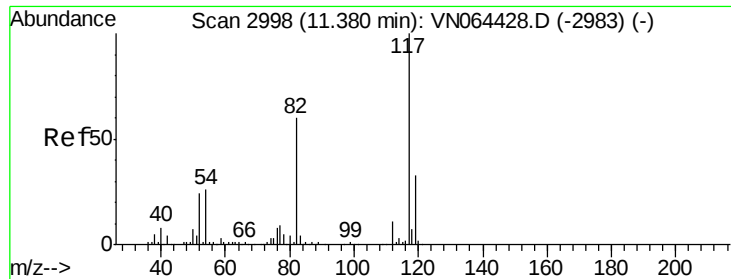
MMDadoda
 11/5/2020 2:19:23 PM



#62
 4-Bromofluorobenzene
 Concen: 49.817 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.6	0.0	132.6
176	65.9	0.0	129.2





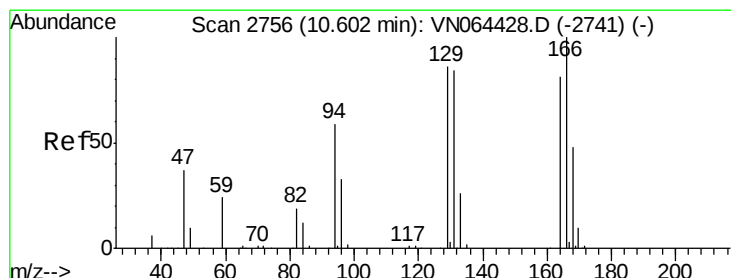
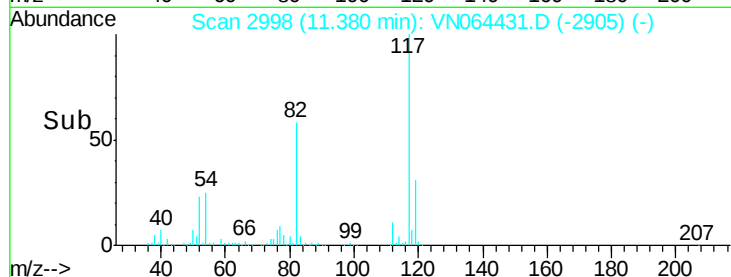
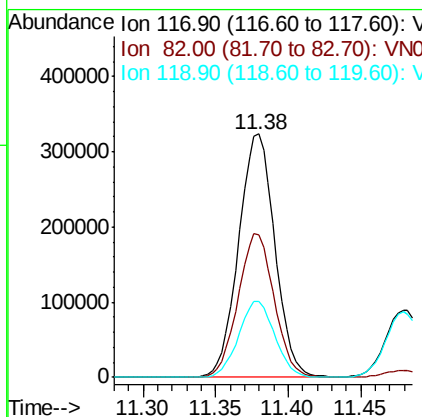
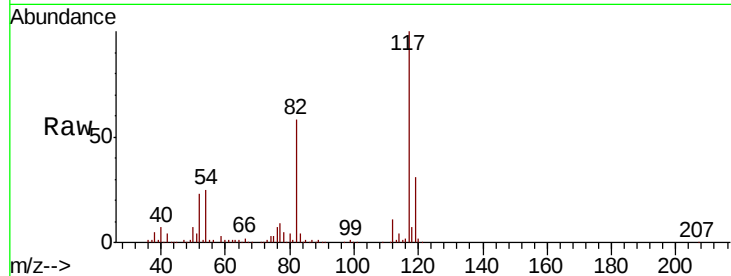
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.1	72.1
119	31.1	26.2	39.4

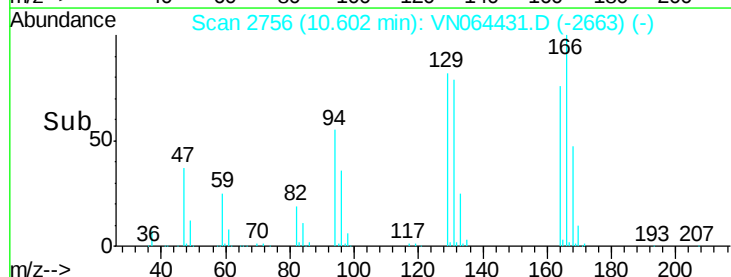
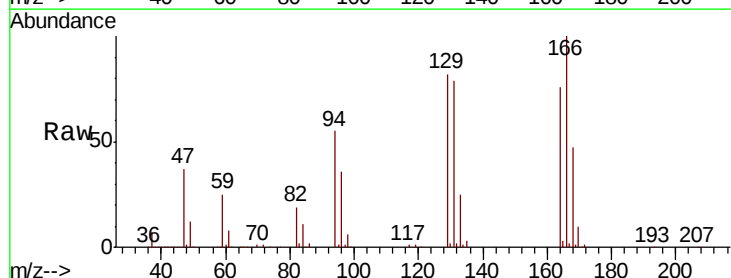
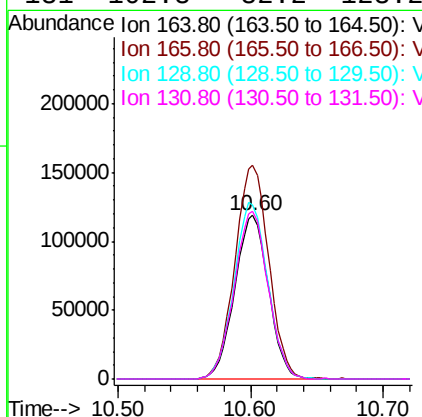
Manual Integrations
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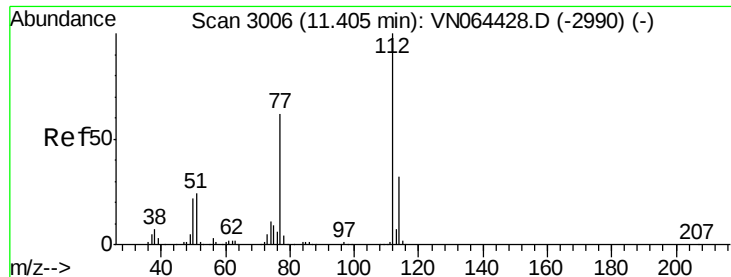
MMDadoda
11/5/2020 2:19:23 PM



#64
Tetrachloroethene
Concen: 48.330 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	98.2	147.2
129	106.9	84.6	127.0
131	102.8	82.2	123.2





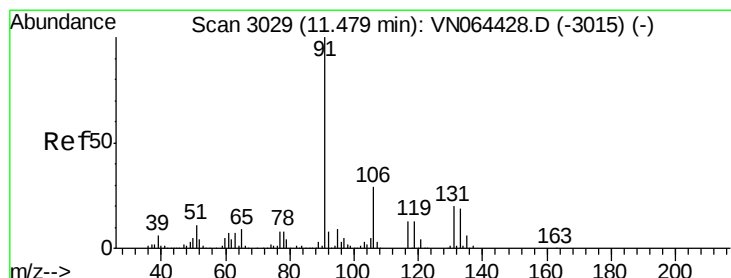
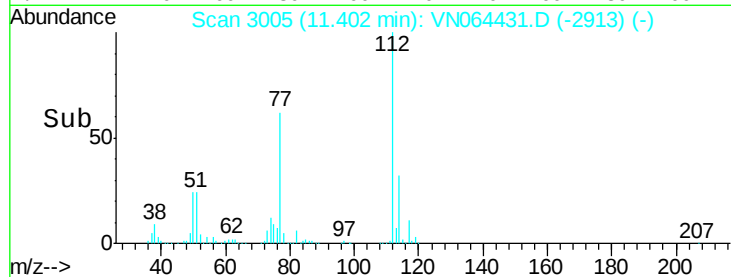
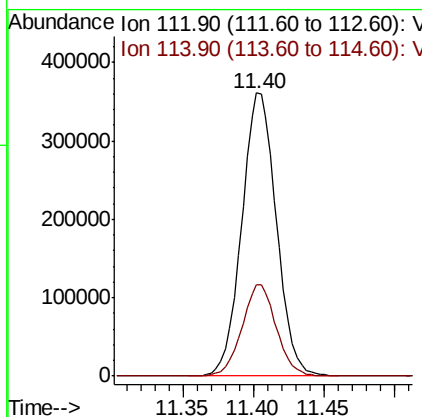
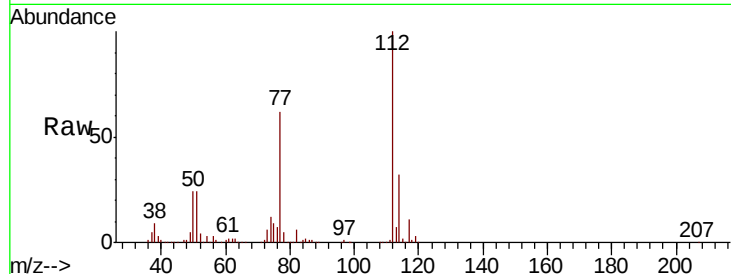
#65
Chlorobenzene
Concen: 50.201 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.6	38.4

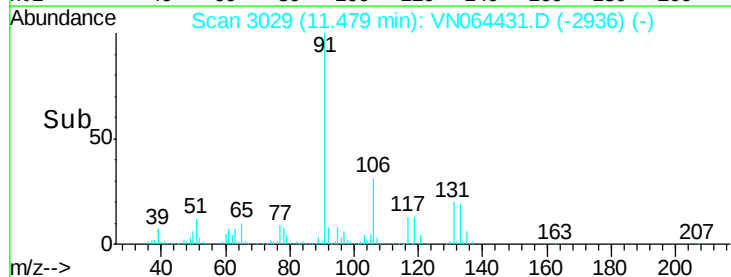
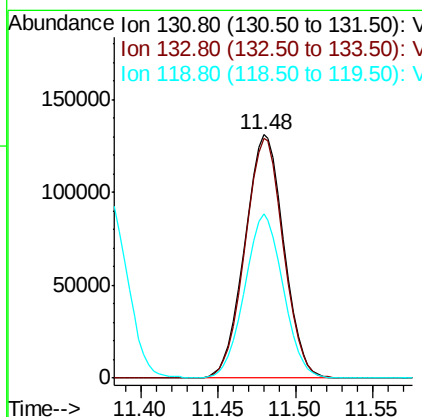
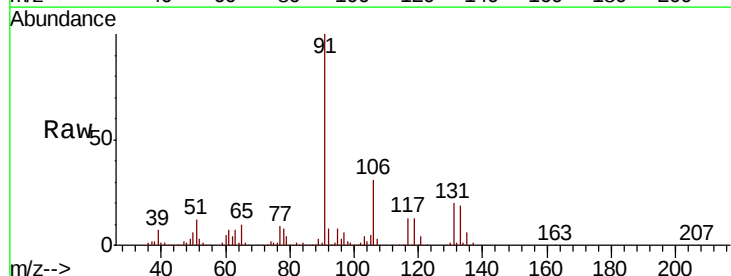
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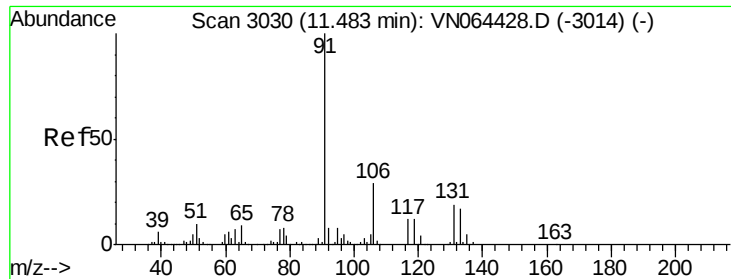
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.003 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	46.9	140.7
119	66.3	32.1	96.5





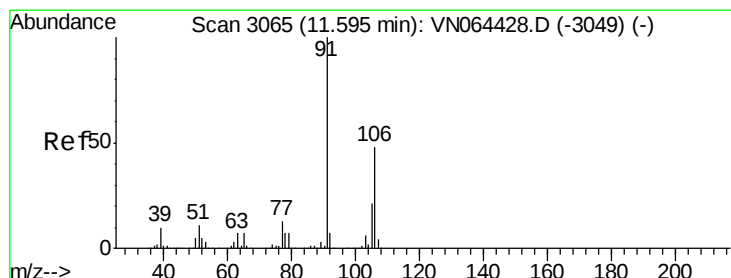
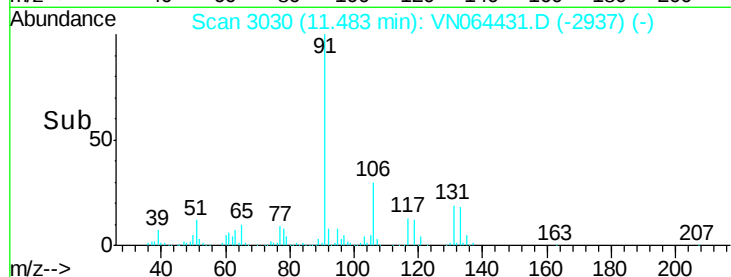
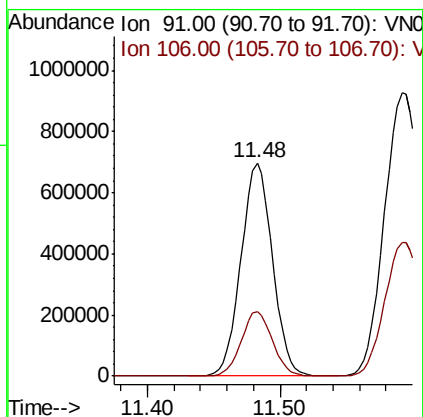
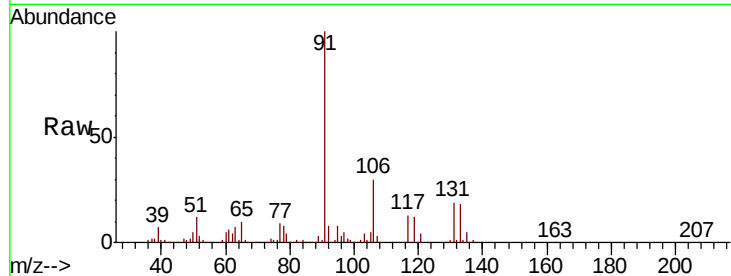
#67
Ethyl Benzene
Concen: 52.219 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion: 91 Resp: 1148075
Ion Ratio Lower Upper
91 100
106 30.3 23.6 35.4

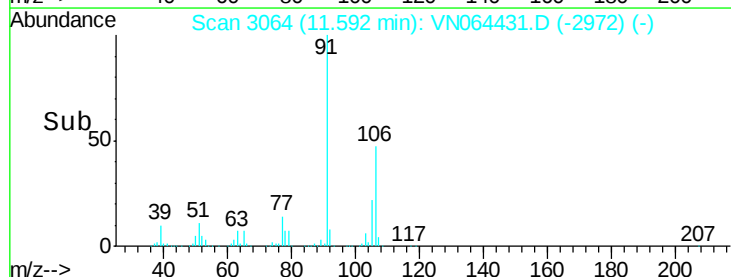
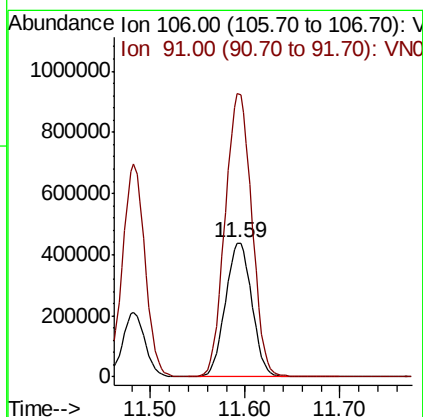
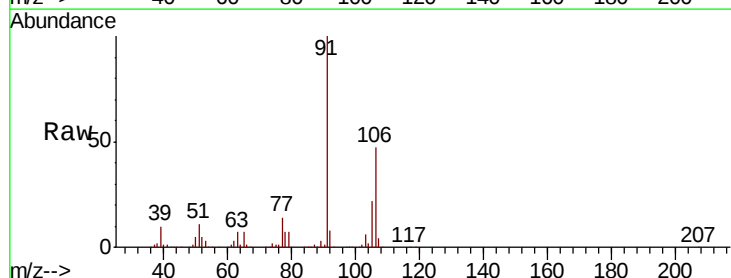
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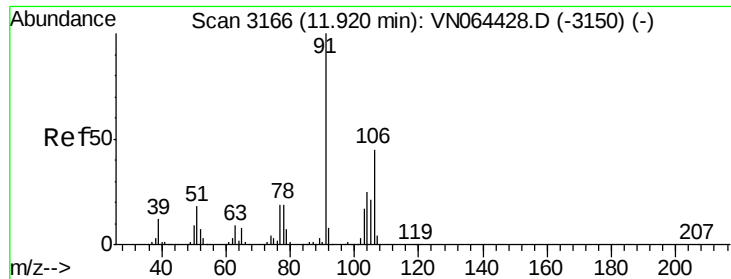
MMDadoda
11/5/2020 2:19:23 PM



#68
m/p-Xylenes
Concen: 106.884 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 106 Resp: 852228
Ion Ratio Lower Upper
106 100
91 213.2 169.4 254.2





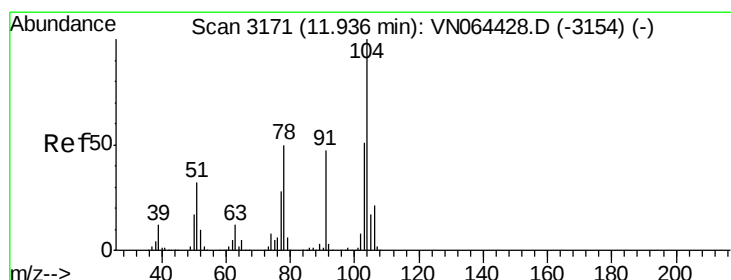
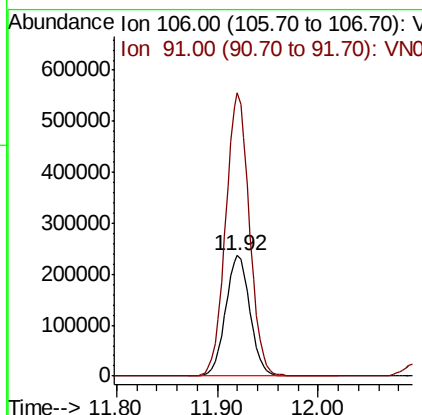
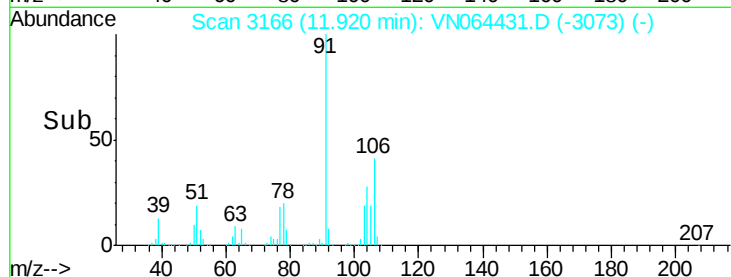
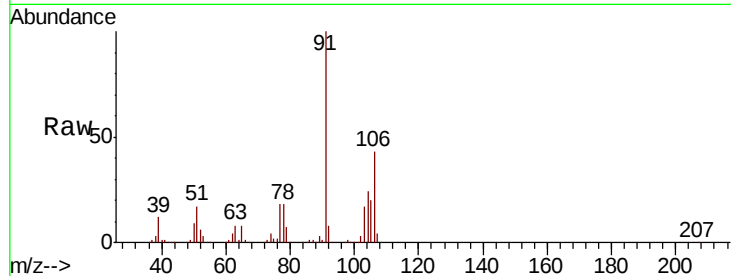
#69
o-Xylene
Concen: 51.866 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion:106 Resp: 399621
Ion Ratio Lower Upper
106 100
91 229.6 111.7 334.9

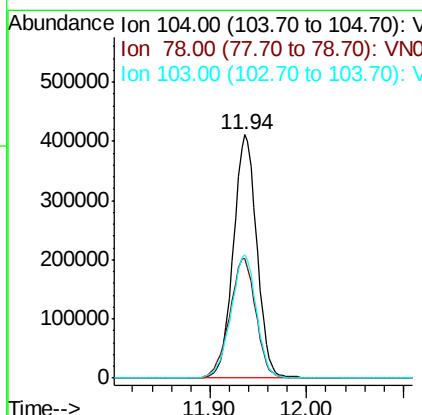
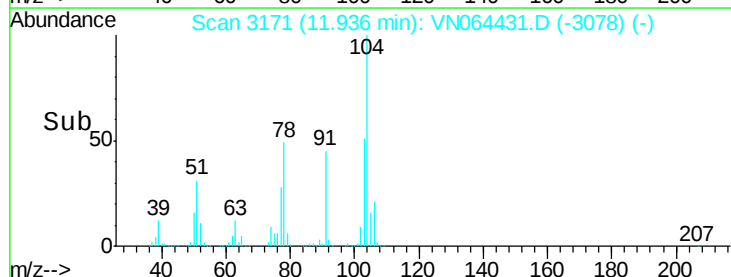
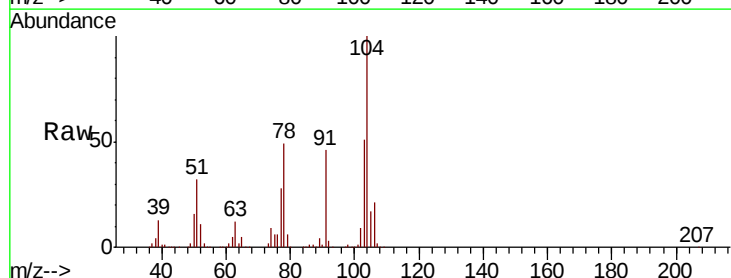
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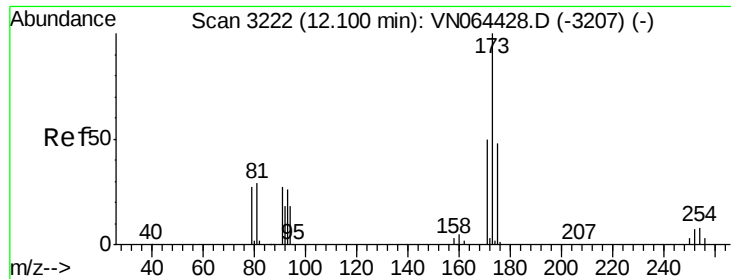
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#70
Styrene
Concen: 53.562 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion:104 Resp: 694442
Ion Ratio Lower Upper
104 100
78 54.7 44.0 66.0
103 54.9 43.8 65.6





#71

Bromoform

Concen: 47.453 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVNN110420

Tot Ion:173 Resp: 164071

Ion Ratio Lower Upper

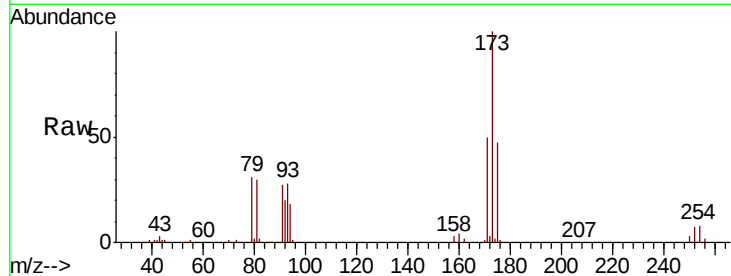
173 100

175 48.2 23.7 71.1

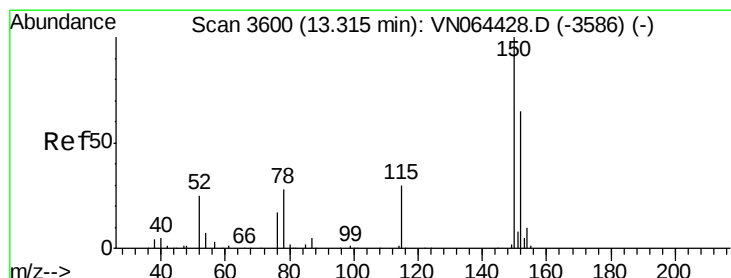
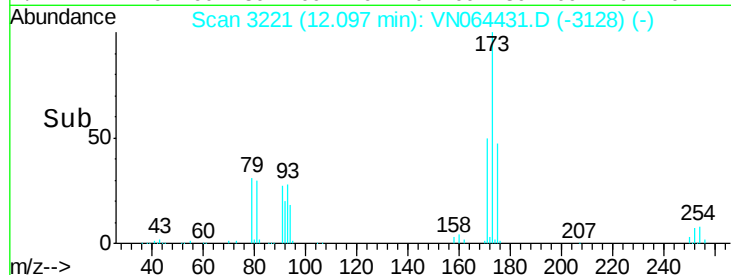
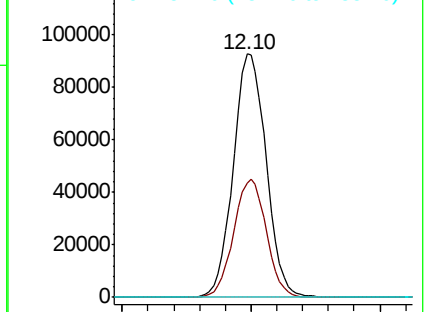
254 0.0 0.0 0.0#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

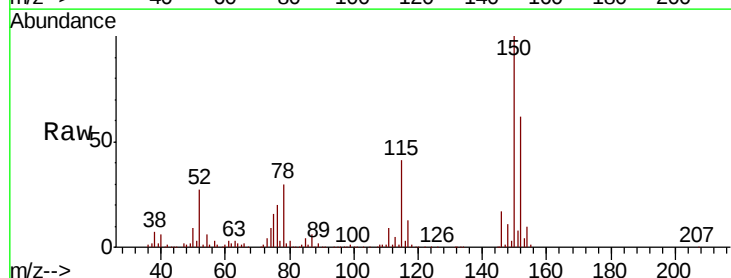
Tgt Ion:152 Resp: 257360

Ion Ratio Lower Upper

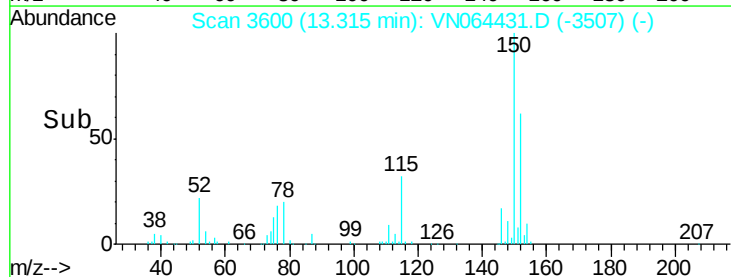
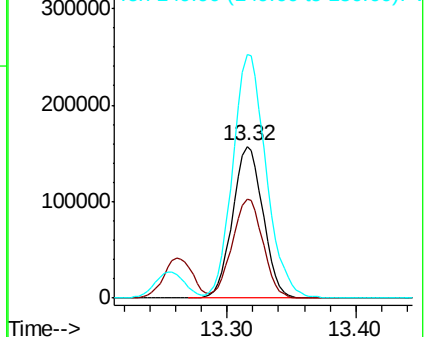
152 100

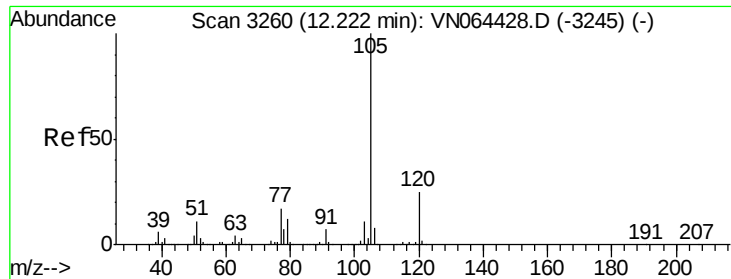
115 65.8 32.0 96.0

150 176.1 0.0 353.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





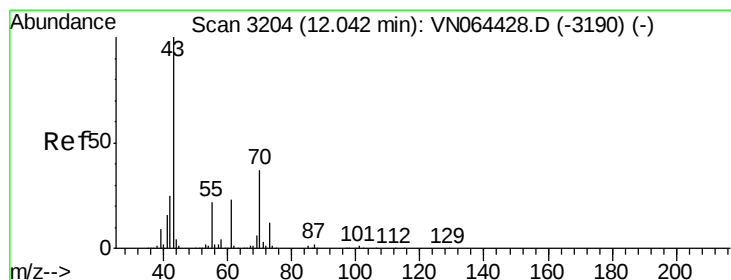
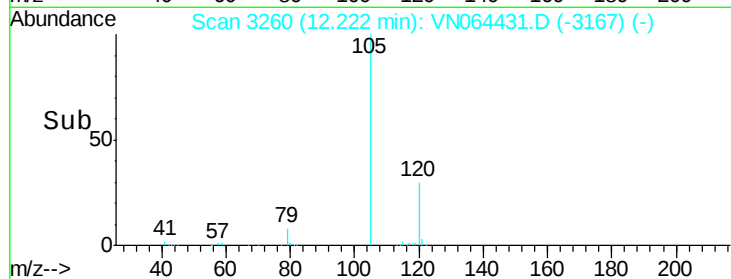
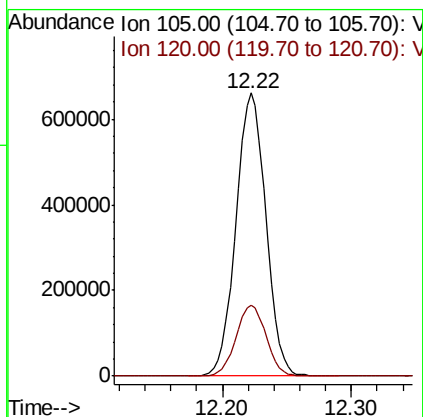
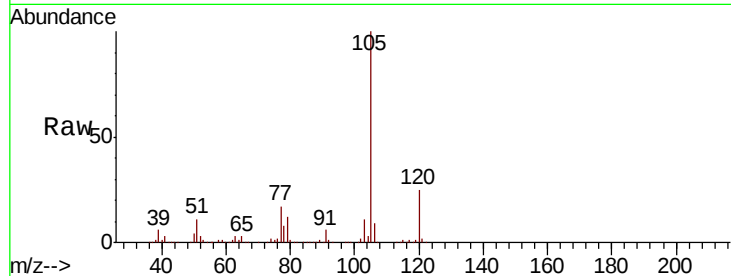
#73
Isopropylbenzene
Concen: 52.052 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion:105 Resp: 1064766
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.3

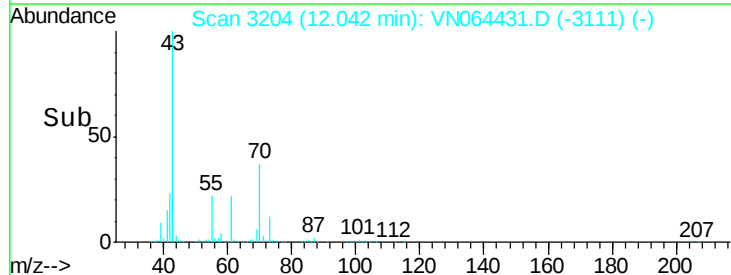
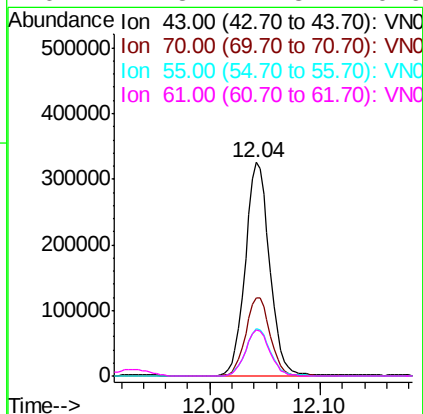
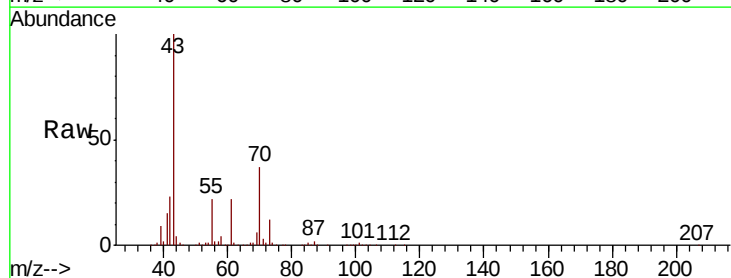
Manual Integrations
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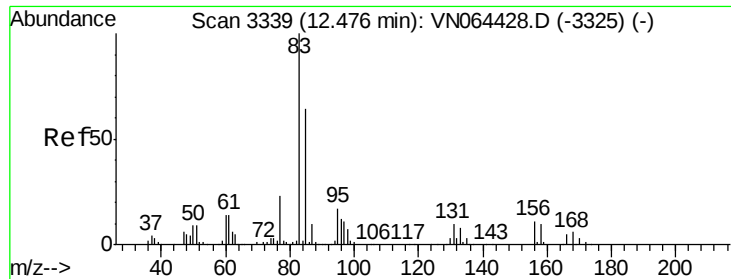
MMDadoda
11/5/2020 2:19:23 PM



#74
N-ethyl acetate
Concen: 49.900 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 43 Resp: 495040
Ion Ratio Lower Upper
43 100
70 37.3 29.6 44.4
55 22.6 18.4 27.6
61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.463 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

Tot Ion: 83 Resp: 310775

Ion Ratio Lower Upper

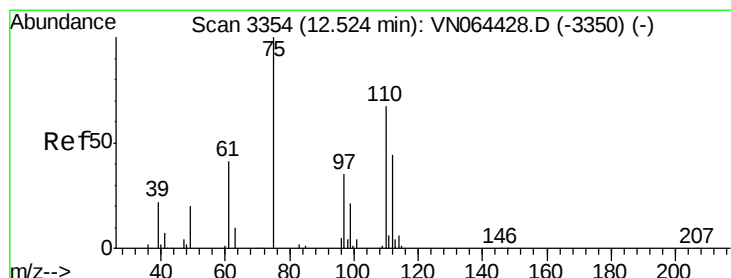
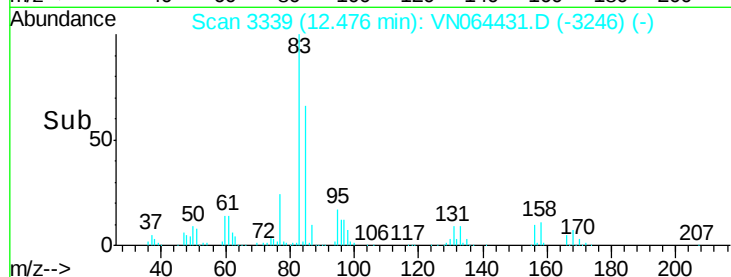
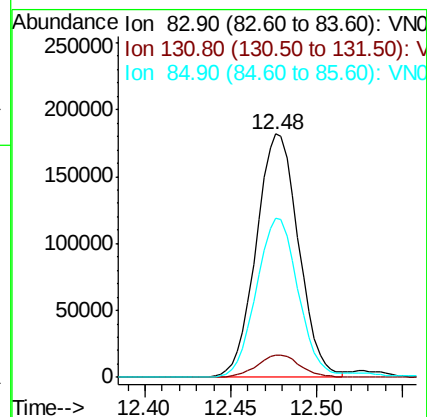
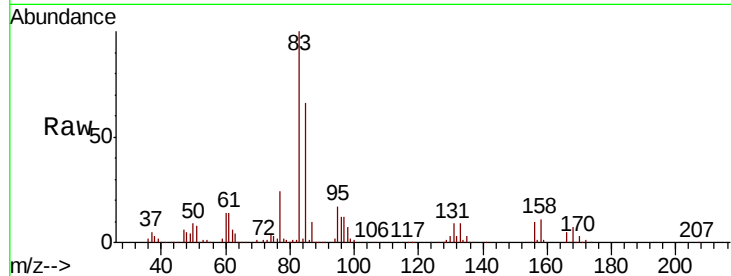
83 100

131 9.5 4.9 14.7

85 64.9 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 46.684 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064431.D

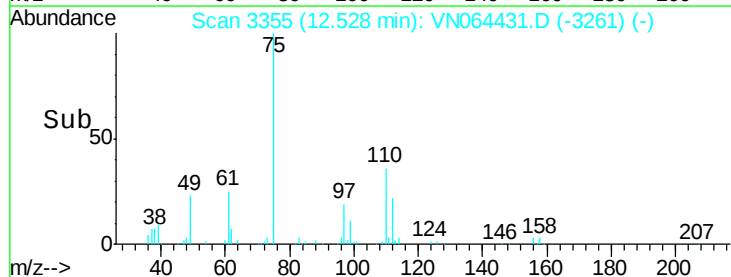
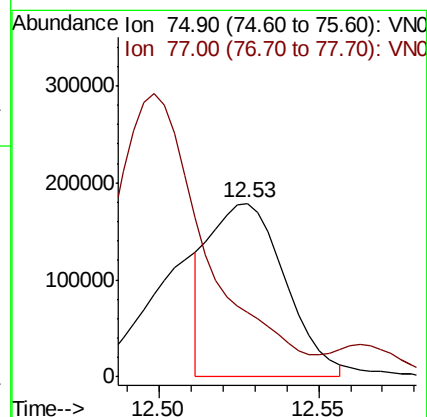
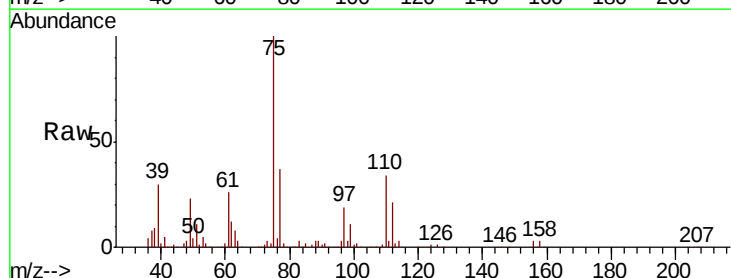
Acq: 4 Nov 2020 12:47

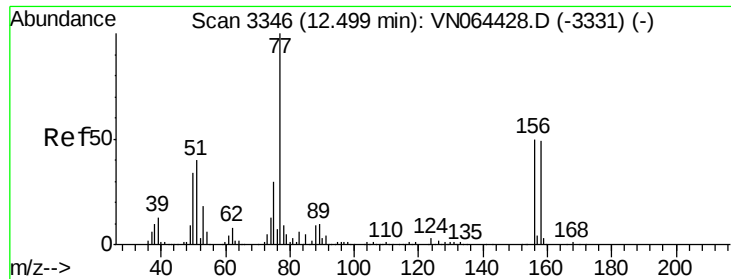
Tgt Ion: 75 Resp: 291106

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.390 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

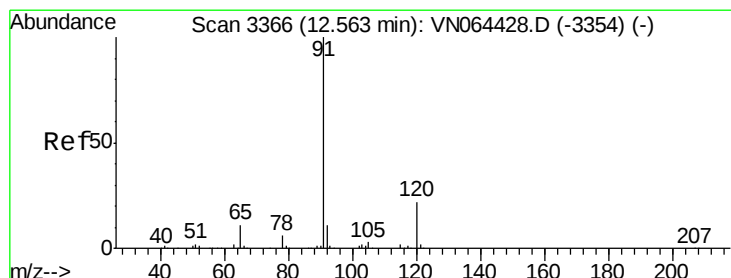
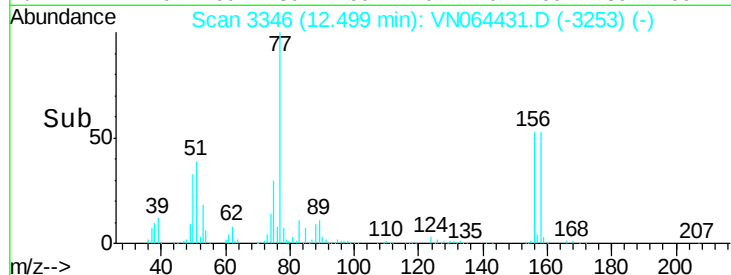
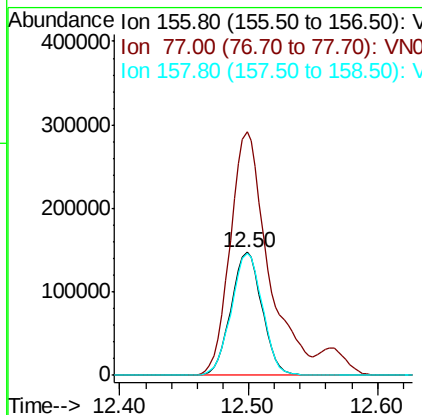
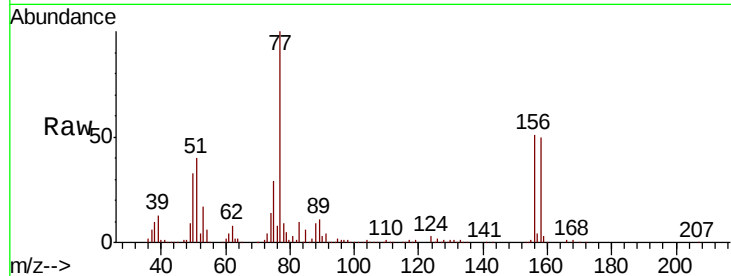
ClientSampleId :

ICVVN110420

Tot Ion	Ratio	Lower	Upper
156	100		
77	241.5	119.0	357.0
158	99.8	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 52.339 ug/l

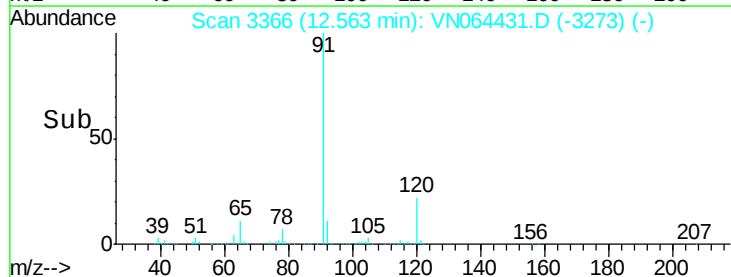
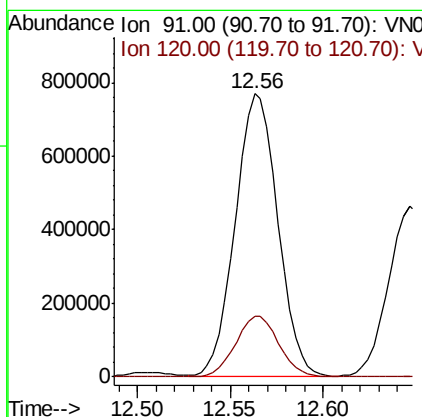
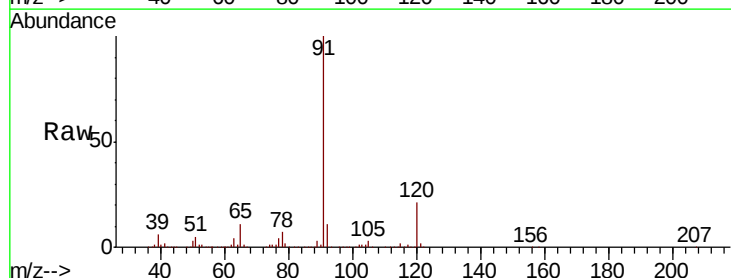
RT: 12.56 min Scan# 3366

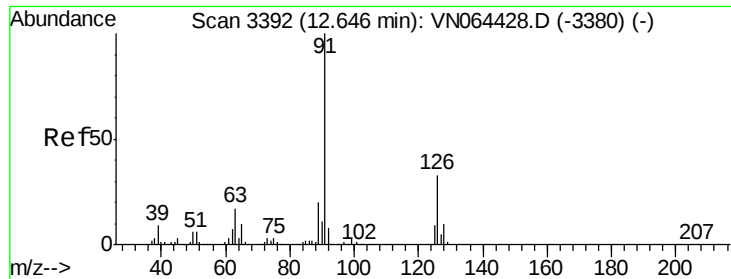
Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.0	33.0





#79

2-Chlorotoluene

Concen: 51.551 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampled :

ICVVN110420

Tot Ion: 91 Resp: 762502

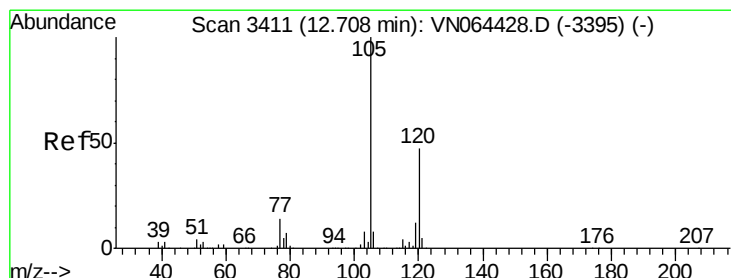
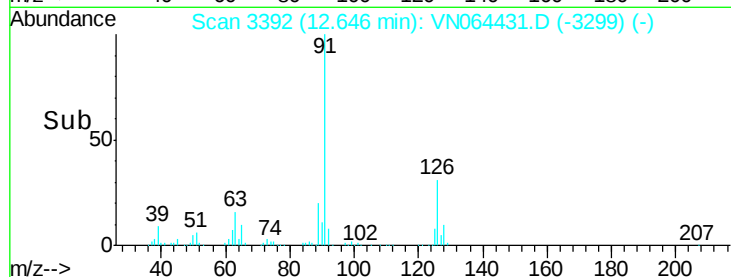
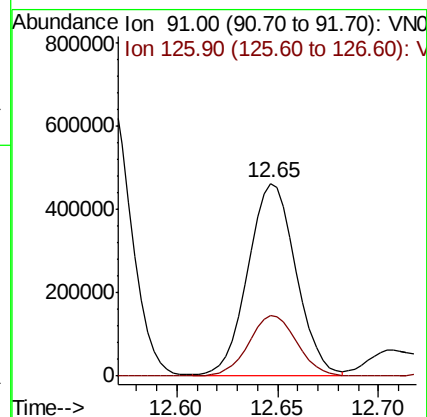
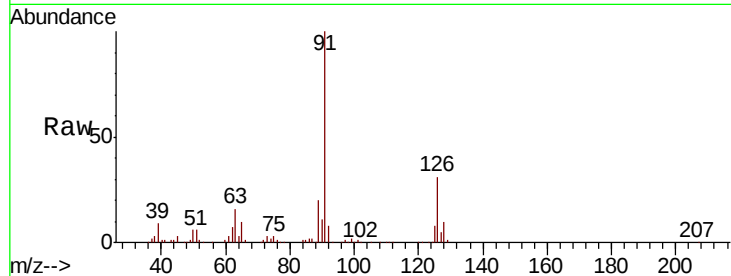
Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.1

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 52.609 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064431.D

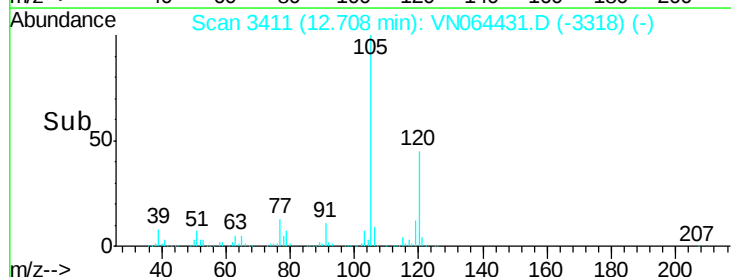
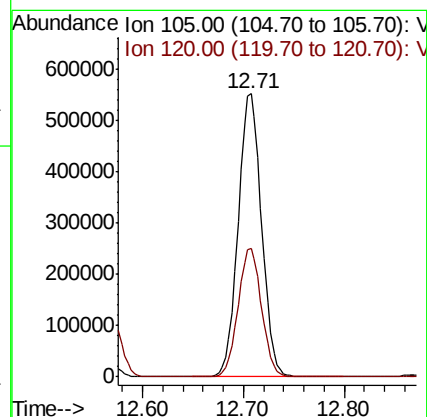
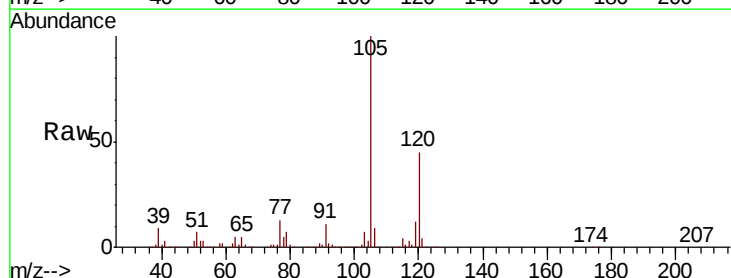
Acq: 4 Nov 2020 12:47

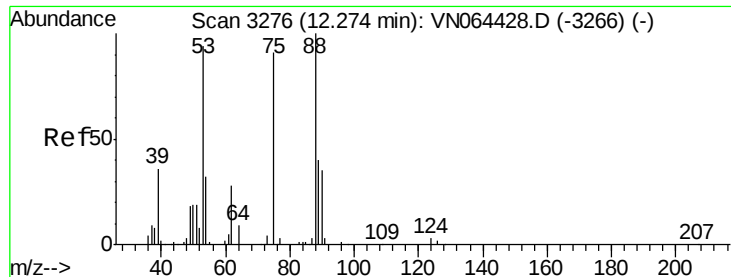
Tgt Ion: 105 Resp: 887799

Ion Ratio Lower Upper

105 100

120 45.5 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.580 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

Tot Ion: 75 Resp: 115193

Ion Ratio Lower Upper

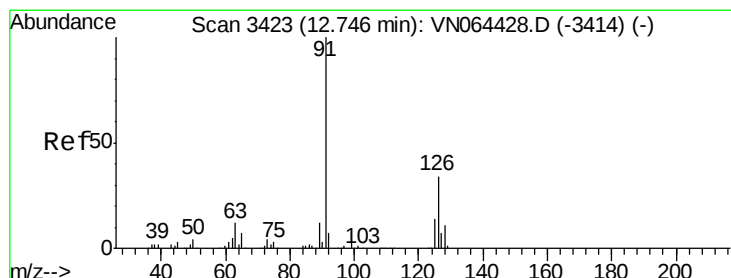
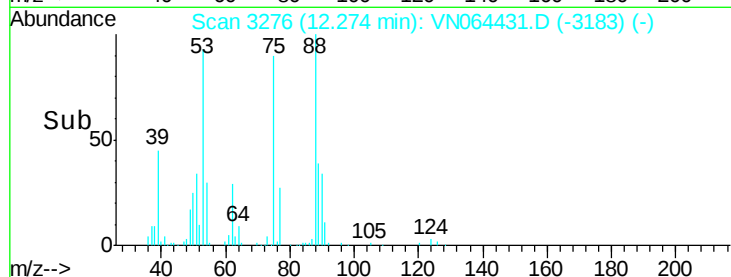
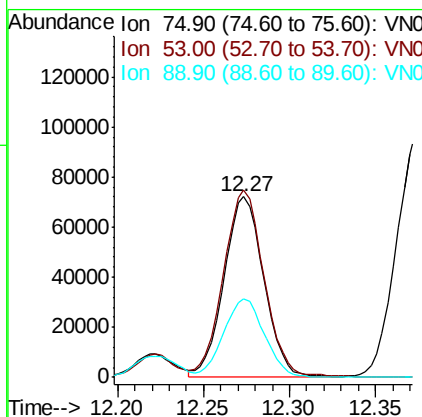
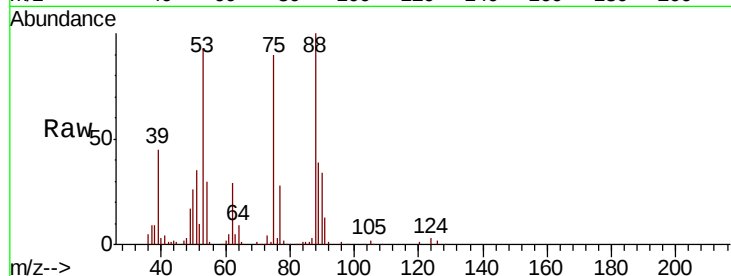
75 100

53 107.3 84.0 126.0

89 45.0 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.666 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064431.D

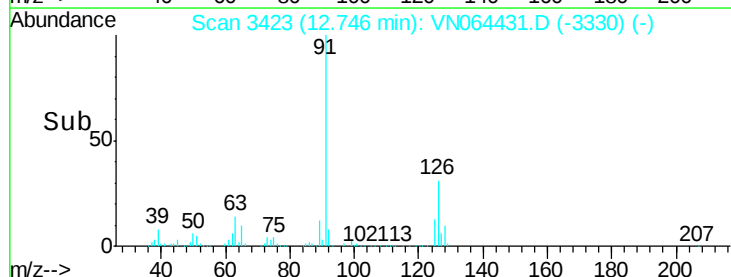
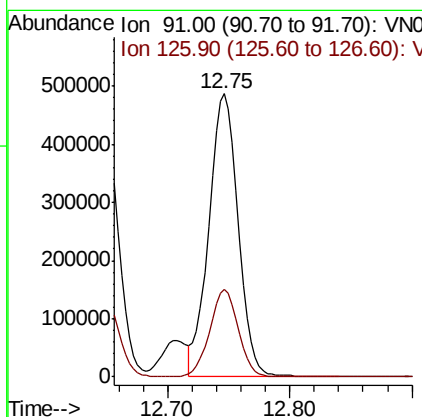
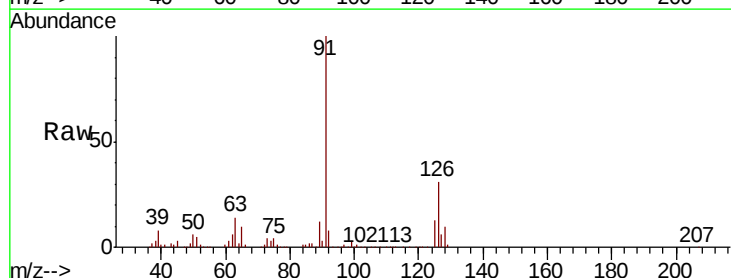
Acq: 4 Nov 2020 12:47

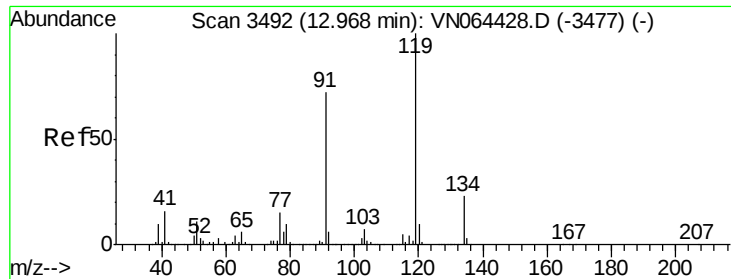
Tgt Ion: 91 Resp: 815814

Ion Ratio Lower Upper

91 100

126 30.5 15.4 46.2





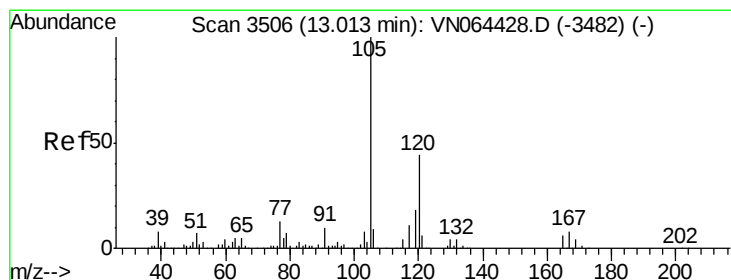
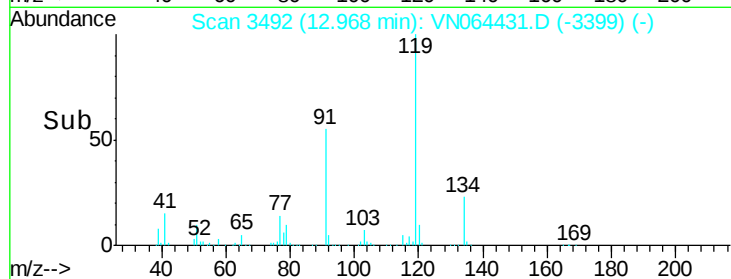
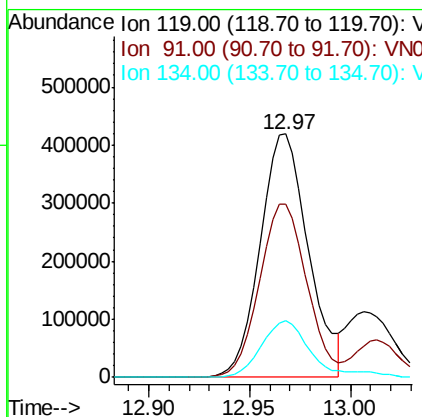
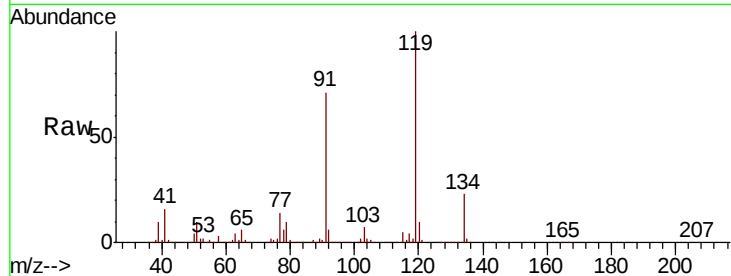
#83
 tert-Butylbenzene
 Concen: 52.996 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Tot Ion	Ratio	Resp	Lower	Upper
119	100	698479		
91	69.7		36.1	108.3
134	24.3		11.7	35.1

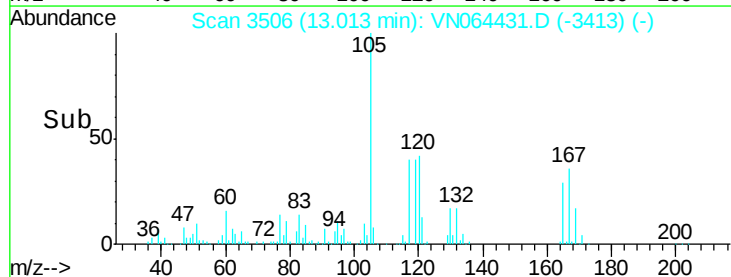
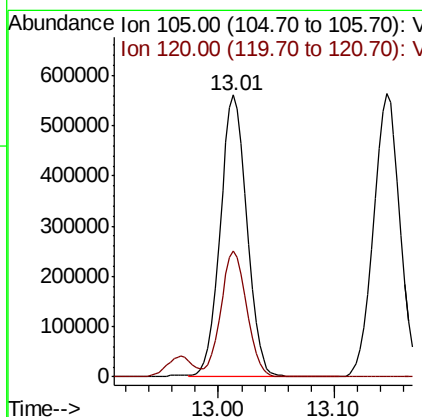
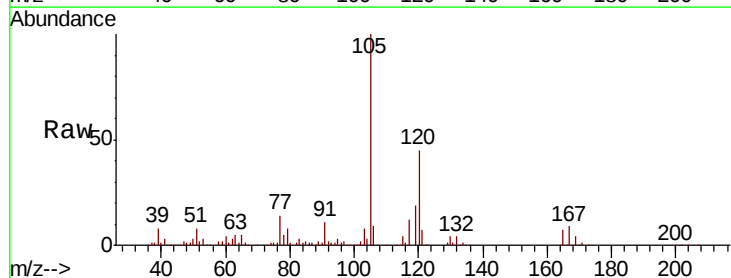
Manual Integrations
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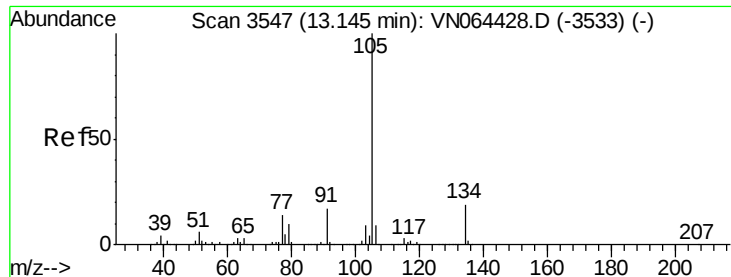
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.598 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	892296		
120	43.8		21.9	65.7





#85

sec-Butylbenzene

Concen: 53.465 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

Tot Ion:105 Resp: 892436

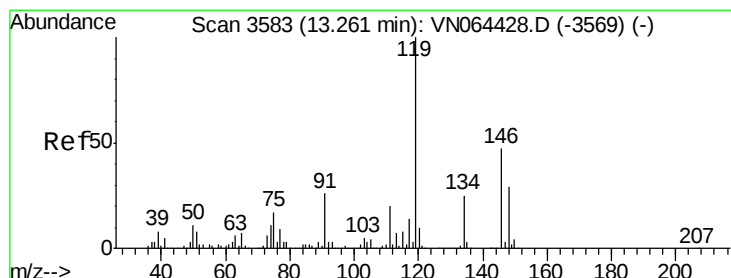
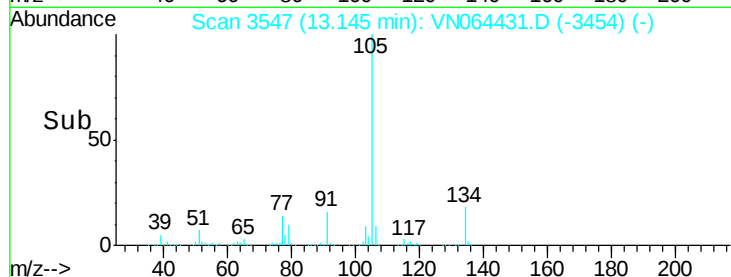
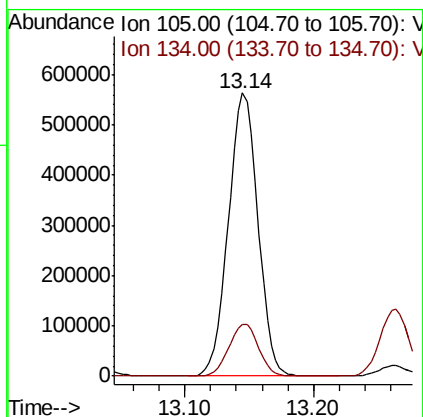
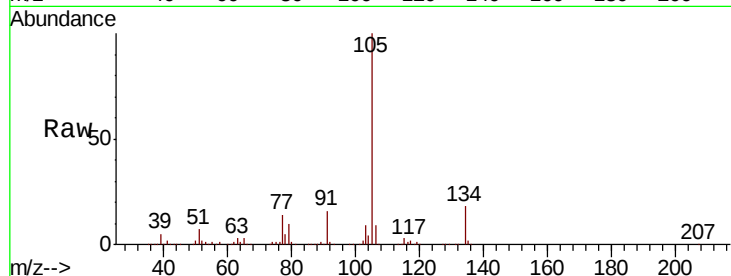
Ion Ratio Lower Upper

105 100

134 18.6 9.4 28.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 54.101 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

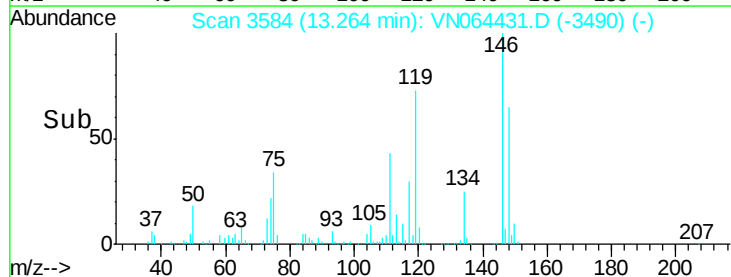
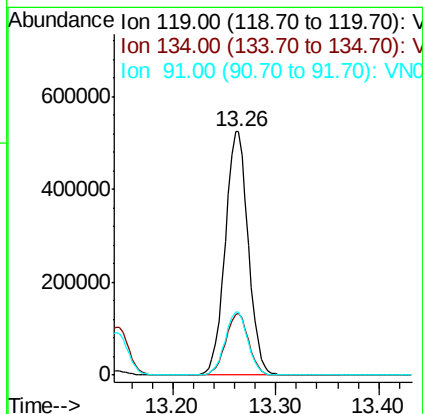
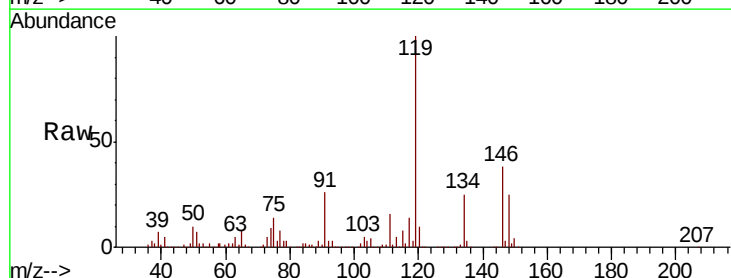
Tgt Ion:119 Resp: 812287

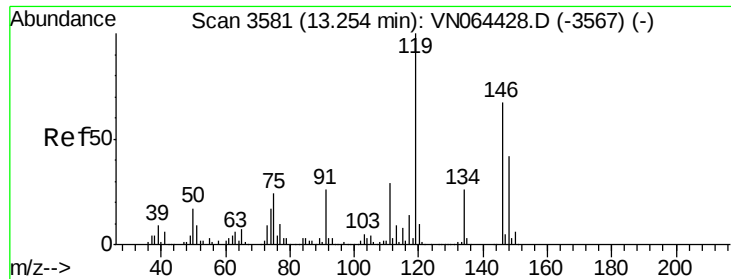
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.6

91 26.1 12.8 38.3





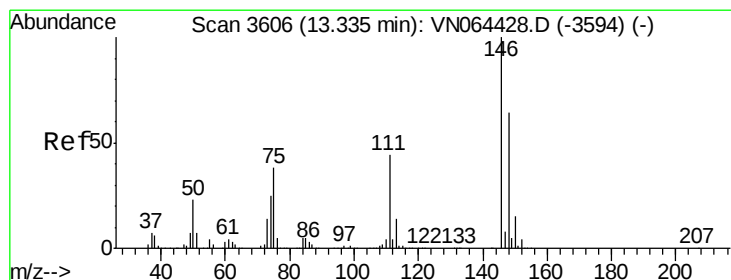
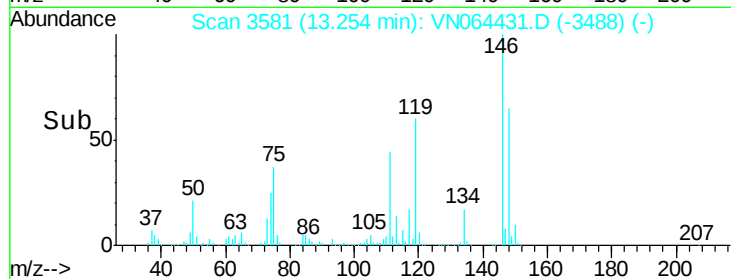
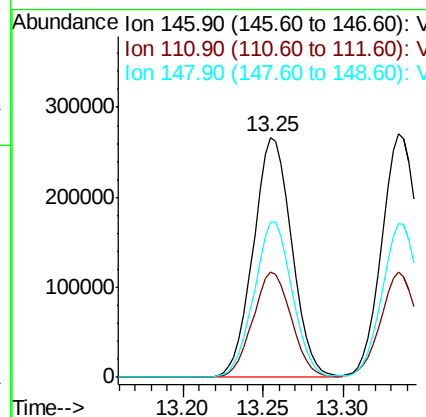
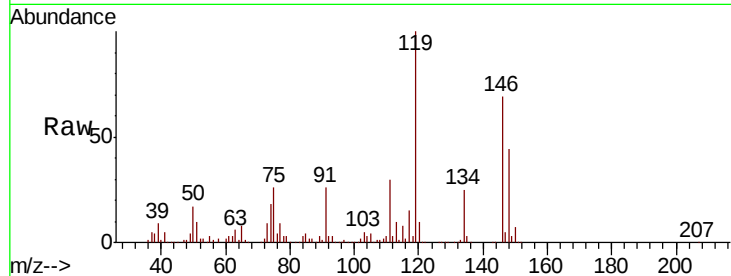
#87
 1,3-Dichlorobenzene
 Concen: 51.172 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.1	66.1
148	64.4	31.7	95.1

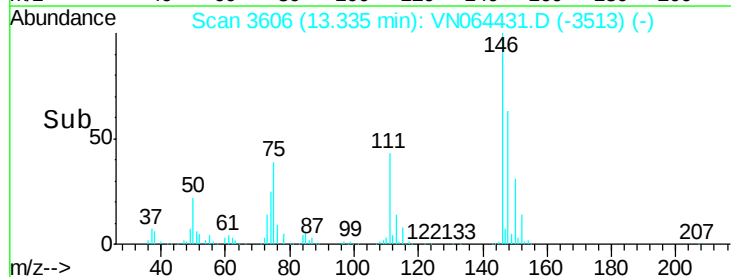
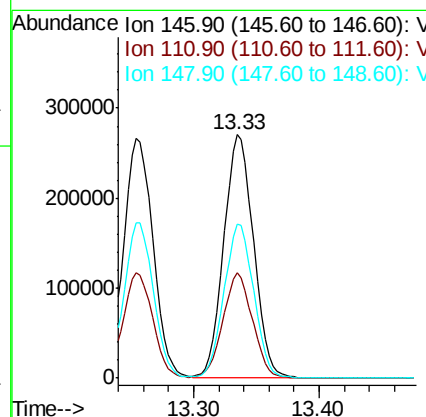
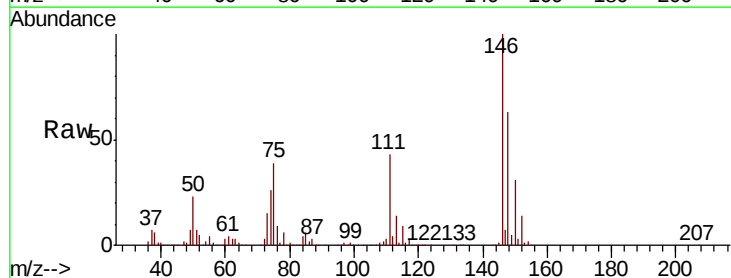
Manual Integrations
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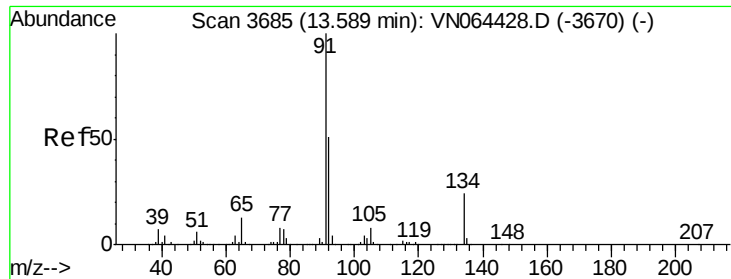
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#88
 1,4-Dichlorobenzene
 Concen: 49.670 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.8	65.3
148	63.4	32.4	97.2





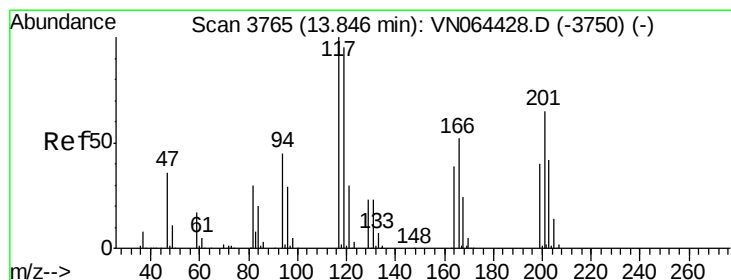
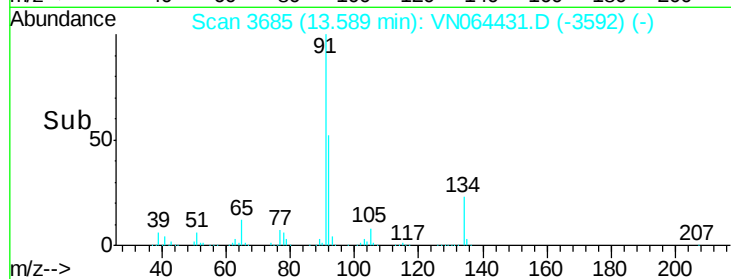
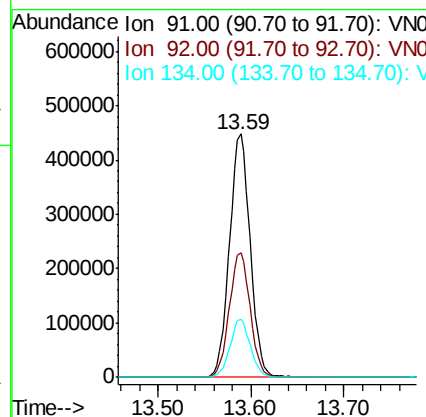
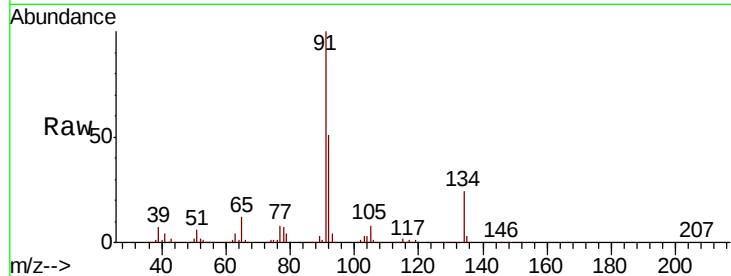
#89
n-Butylbenzene
Concen: 53.743 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	51.5	25.3	75.9	
134	23.3	11.8	35.4	

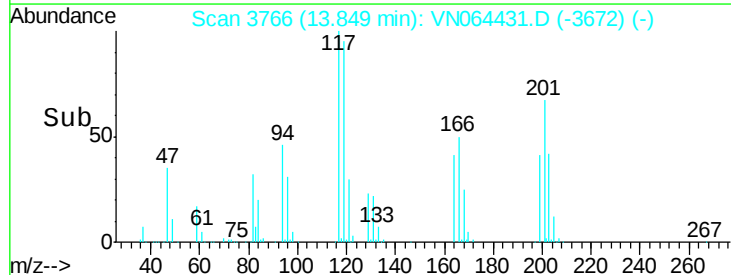
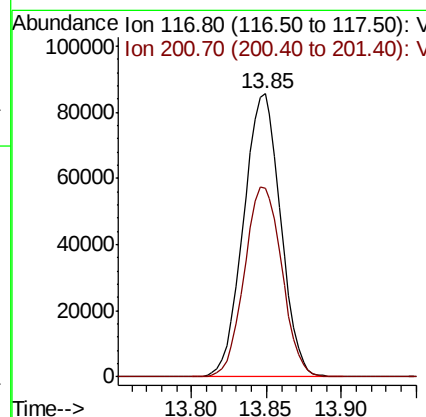
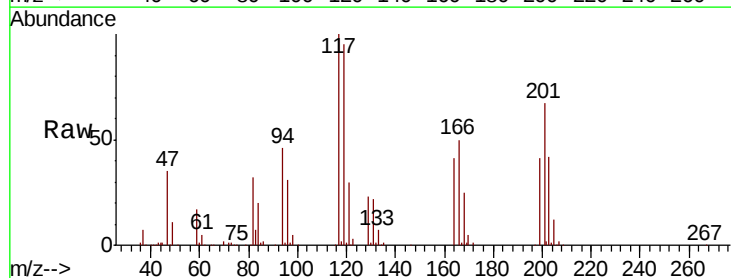
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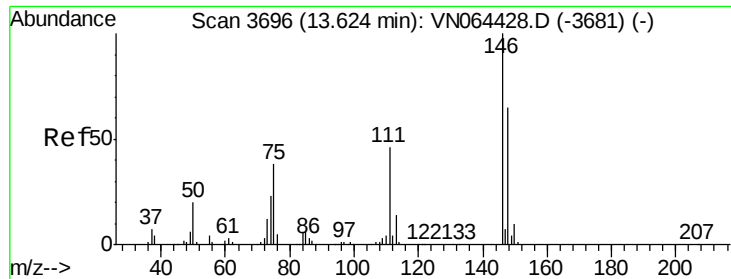
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#90
Hexachloroethane
Concen: 51.086 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	67.6	32.5	97.5	





#91

1,2-Dichlorobenzene

Concen: 52.093 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

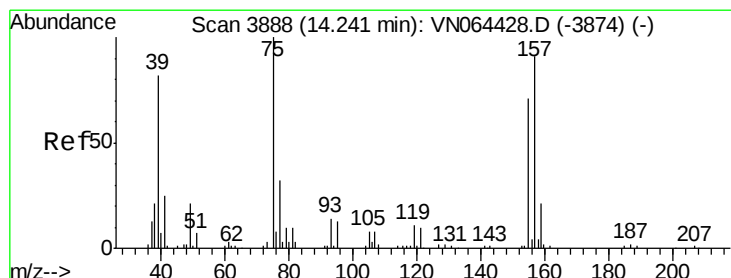
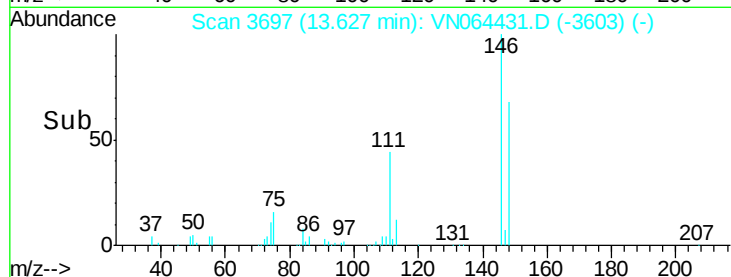
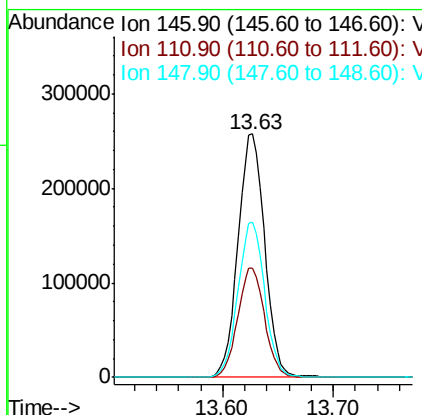
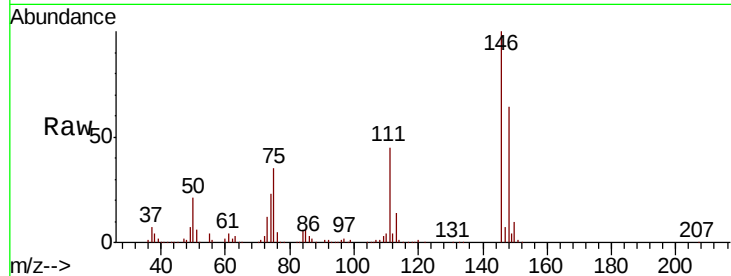
ClientSampleId :

ICVVN110420

Tot Ion:	146	Resp:	432592
Ion Ratio	Lower	Upper	
146	100		
111	45.2	22.9	68.7
148	63.5	32.0	96.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.772 ug/l

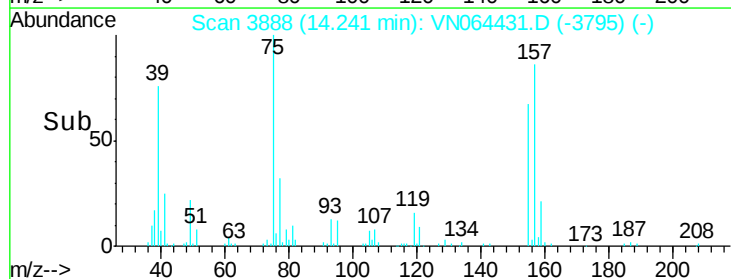
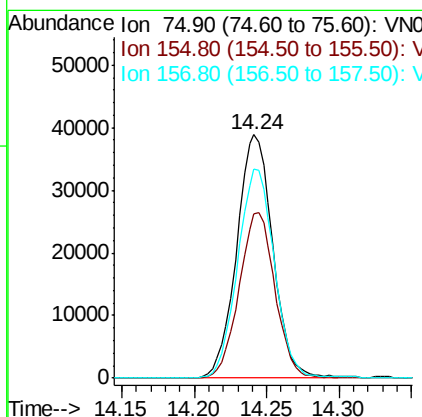
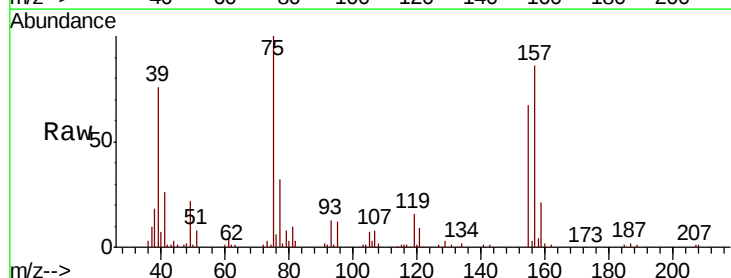
RT: 14.24 min Scan# 3888

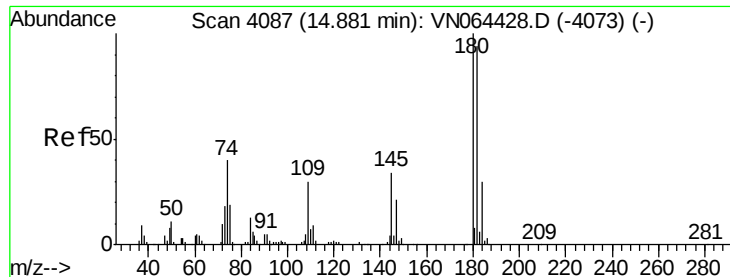
Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Tgt Ion:	75	Resp:	67265
Ion Ratio	Lower	Upper	
75	100		
155	67.3	34.6	103.9
157	87.0	43.0	128.8





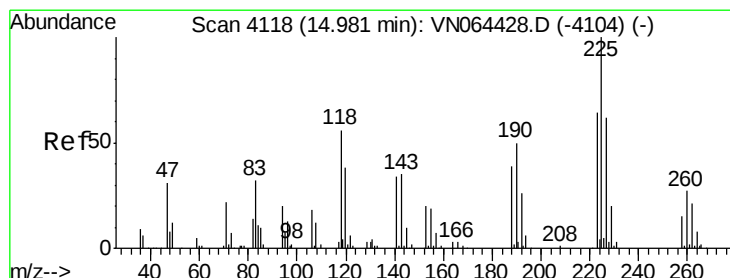
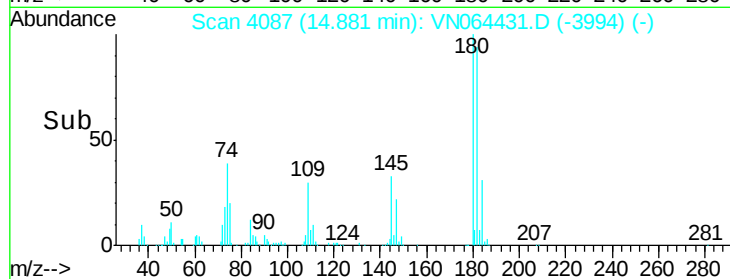
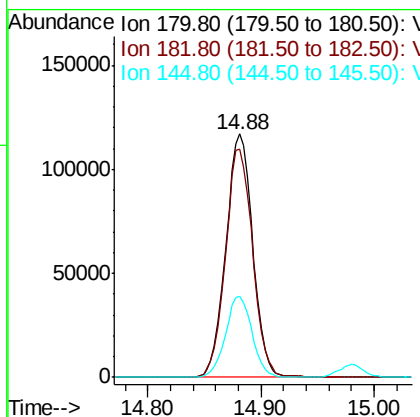
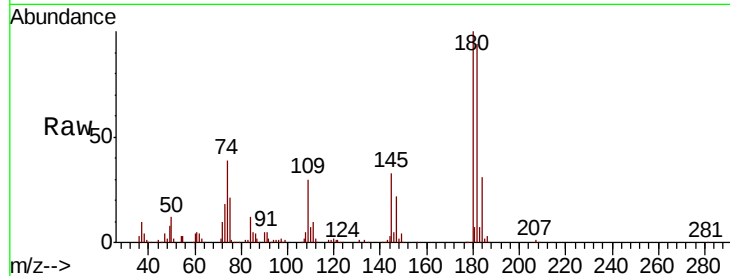
#93
 1,2,4-Trichlorobenzene
 Concen: 47.063 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Tot Ion	Ratio	Resp	Lower	Upper
180	100	193673		
182	94.8	47.3	142.0	
145	32.8	16.7	50.1	

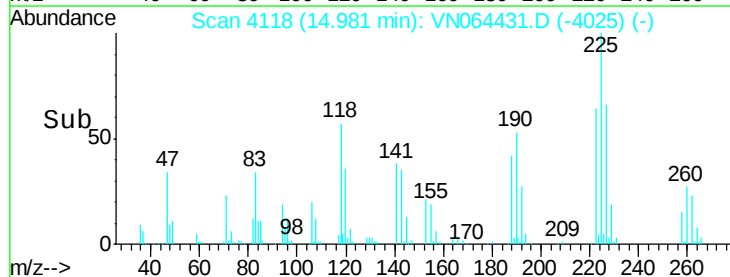
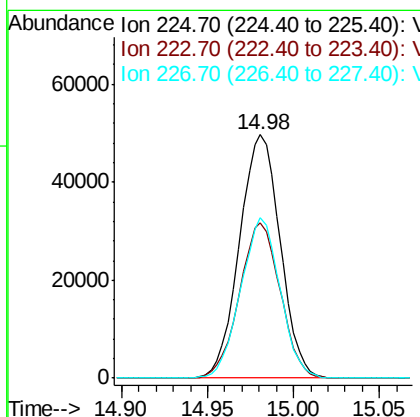
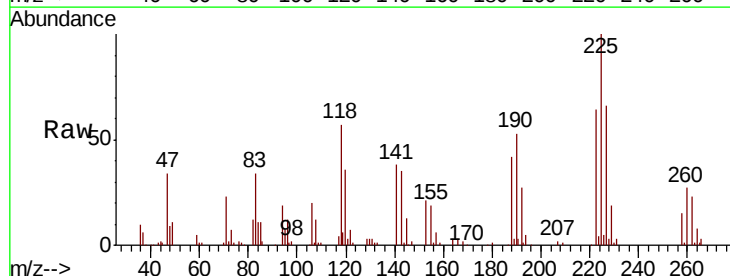
Manual Integrations
 APPROVED

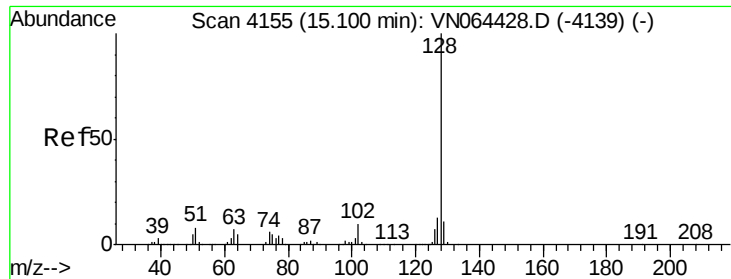
MMDadoda
 11/5/2020 2:19:23 PM



#94
 Hexachlorobutadiene
 Concen: 48.339 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81728		
223	63.7	31.8	95.4	
227	63.7	31.8	95.4	





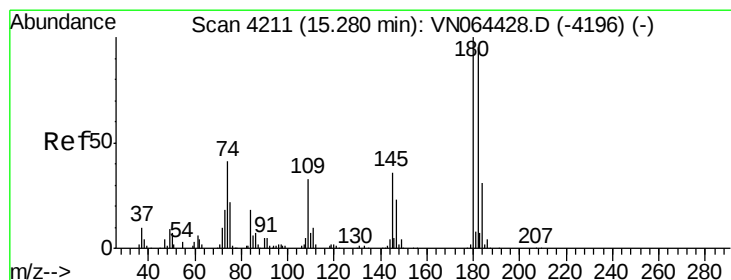
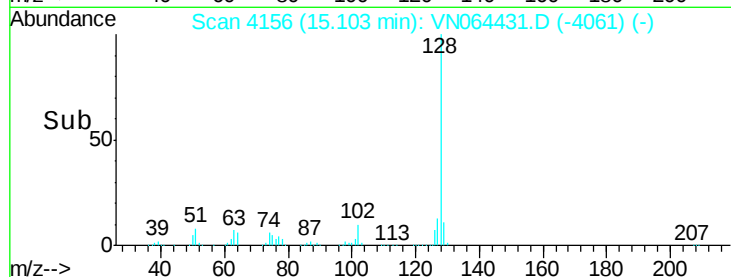
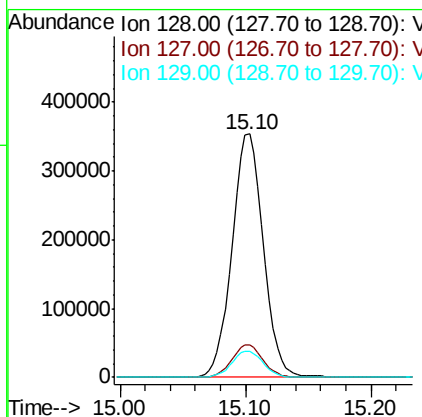
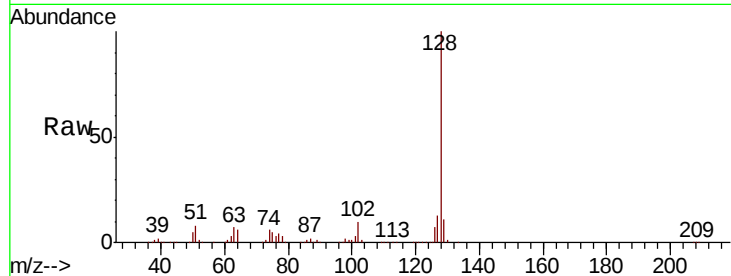
#95
Naphthalene
Concen: 43.833 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/5/2020 2:19:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 45.544 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.7	143.1
145	35.8	18.3	54.8

