

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063295.D
 Acq On : 10 Sep 2020 14:44
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:30 PM

Quant Time: Sep 10 15:12:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	480128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	849418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	759779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	370391	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	1157578	150.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.20%	
35) Dibromofluoromethane	7.55	113	853687	158.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.02%	
50) Toluene-d8	10.06	98	3190459	153.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.70%	
62) 4-Bromofluorobenzene	12.38	95	1216445	165.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	623901	133.267	ug/l	99
3) Chloromethane	2.04	50	858432	125.987	ug/l	98
4) Vinyl Chloride	2.17	62	912170	123.519	ug/l	98
5) Bromomethane	2.51	94	634420	106.494	ug/l	100
6) Chloroethane	2.67	64	592842	104.999	ug/l	96
7) Trichlorofluoromethane	2.98	101	1456203	130.613	ug/l	98
8) Diethyl Ether	3.37	74	511081	141.477	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	730348	141.999	ug/l	99
10) Methyl Iodide	3.91	142	1057976	151.838	ug/l	100
11) Tert butyl alcohol	4.73	59	730216	767.511	ug/l	99
12) 1,1-Dichloroethene	3.70	96	743152	142.846	ug/l	98
13) Acrolein	3.57	56	443043	1250.951	ug/l	100
14) Allyl chloride	4.28	41	1491937	159.134	ug/l	98
15) Acrylonitrile	4.93	53	2031308	825.509	ug/l	99
16) Acetone	3.78	43	1770457	788.708	ug/l	99
17) Carbon Disulfide	4.01	76	2210872	142.509	ug/l	100
18) Methyl Acetate	4.28	43	942978	164.773	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	2710062	141.288	ug/l	100
20) Methylene Chloride	4.51	84	865550	129.838	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	826986	144.713	ug/l	99
22) Diisopropyl ether	5.90	45	3048312	146.666	ug/l	99
23) Vinyl Acetate	5.84	43	11530499	697.333	ug/l #	92
24) 1,1-Dichloroethane	5.80	63	1639964	143.770	ug/l	99
25) 2-Butanone	6.78	43	2816567	816.255	ug/l	99
26) 2,2-Dichloropropane	6.78	77	1407043	135.903	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	961511	138.422	ug/l	98
28) Bromochloromethane	7.15	49	818340	140.124	ug/l	98
29) Tetrahydrofuran	7.16	42	1854416	780.531	ug/l	99
30) Chloroform	7.33	83	1668365	140.332	ug/l	99
31) Cyclohexane	7.61	56	1420467	132.498	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	1471380	144.059	ug/l	99
36) 1,1-Dichloropropene	7.75	75	1253981	153.459	ug/l	100
37) Ethyl Acetate	6.88	43	1224017	174.889	ug/l	99
38) Carbon Tetrachloride	7.74	117	1281241	155.096	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1360557	148.984	ug/l	99
40) Benzene	8.00	78	3538078	148.359	ug/l	98
41) Methacrylonitrile	7.14	41	658959m	186.692	ug/l	
42) 1,2-Dichloroethane	8.09	62	1395044	155.914	ug/l	99
43) Isopropyl Acetate	8.13	43	2178725	163.687	ug/l #	92
44) Trichloroethene	8.80	130	918518	156.443	ug/l	99
45) 1,2-Dichloropropane	9.08	63	972086	152.632	ug/l	99
46) Dibromomethane	9.18	93	645423	154.744	ug/l	99
47) Bromodichloromethane	9.37	83	1361057	152.459	ug/l	99
48) Methyl methacrylate	9.17	41	1036548	171.989	ug/l	98
49) 1,4-Dioxane	9.17	88	288243	3108.726	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	5420097	748.627	ug/l	93
52) Toluene	10.13	92	2217036	149.821	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	1533952	157.734	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1629451	157.932	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	858420	151.090	ug/l	99
56) Ethyl methacrylate	10.40	69	1420366	163.947	ug/l	99
57) 1,3-Dichloropropane	10.68	76	1530905	151.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	3378435	758.194	ug/l	98
59) 2-Hexanone	10.72	43	4202488	822.748	ug/l	96
60) Dibromochloromethane	10.87	129	1020161	162.480	ug/l	99
61) 1,2-Dibromoethane	10.98	107	907958	154.438	ug/l	100
64) Tetrachloroethene	10.60	164	872174	156.455	ug/l	98
65) Chlorobenzene	11.41	112	2305804	150.930	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	885297	156.980	ug/l	99
67) Ethyl Benzene	11.49	91	4102832	147.314	ug/l	93
68) m/p-Xylenes	11.59	106	3175611	308.890	ug/l	85
69) o-Xylene	11.92	106	1527031	153.710	ug/l	96
70) Styrene	11.94	104	2614795	153.641	ug/l	98
71) Bromoform	12.10	173	650073	168.797	ug/l #	99
73) Isopropylbenzene	12.23	105	3950350	140.234	ug/l	97
74) N-amyl acetate	12.05	43	1981688	168.337	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	1185661	146.463	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1161322m	146.597	ug/l	
77) Bromobenzene	12.50	156	939784	146.792	ug/l	100
78) n-propylbenzene	12.57	91	4514499	138.503	ug/l	96
79) 2-Chlorotoluene	12.65	91	2844948	145.332	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	3416200	145.062	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	458214	153.827	ug/l	99
82) 4-Chlorotoluene	12.75	91	3012084	148.516	ug/l	100
83) tert-Butylbenzene	12.97	119	2865501	142.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	3422840	144.214	ug/l	97
85) sec-Butylbenzene	13.15	105	3692892	141.627	ug/l	98
86) p-Isopropyltoluene	13.26	119	3400752	146.543	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	1758918	149.930	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1760266	145.442	ug/l	99
89) n-Butylbenzene	13.59	91	3147494	146.605	ug/l	98
90) Hexachloroethane	13.85	117	640892	149.793	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	1722318	151.231	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	290285	160.134	ug/l	98

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QLast Update : Thu Sep 10 14:25:24 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	1031454	160.261	ug/l	99
94) Hexachlorobutadiene	14.98	225	380685	156.497	ug/l	99
95) Naphthalene	15.10	128	3244139	154.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	962989	153.598	ug/l	100

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

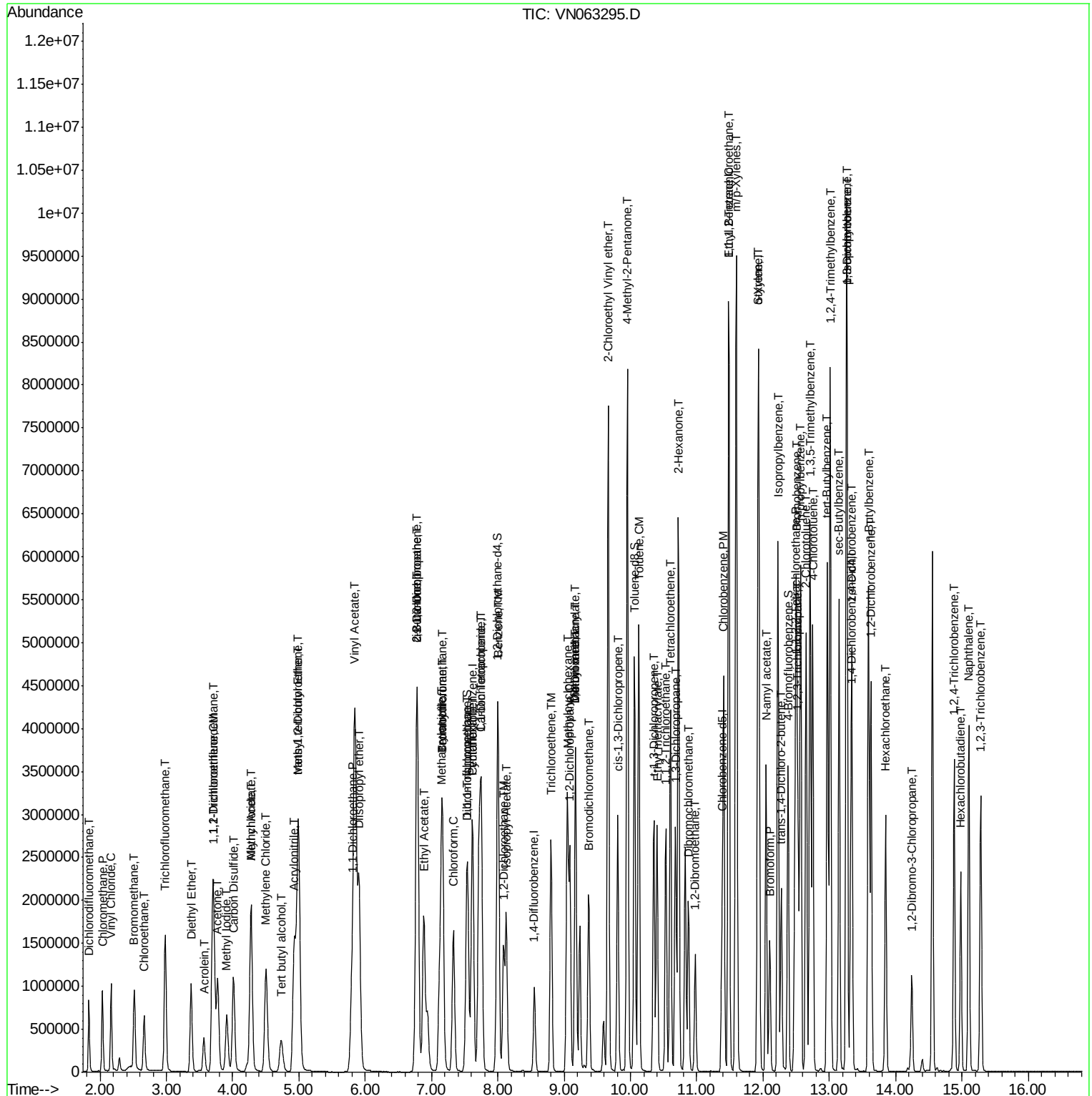
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Data File : VN063295.D
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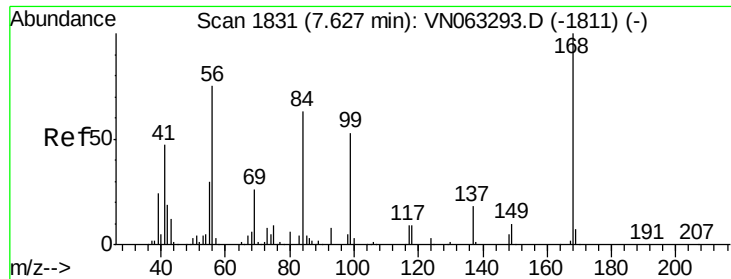
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 480128

Ion Ratio Lower Upper

168 100

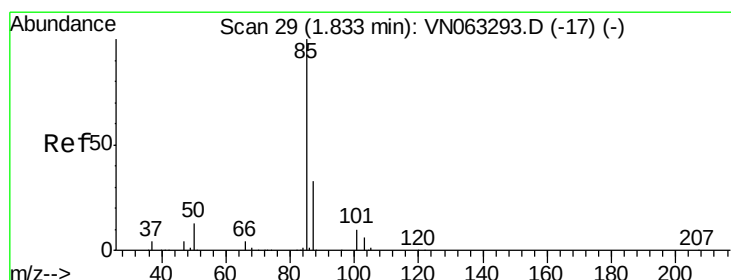
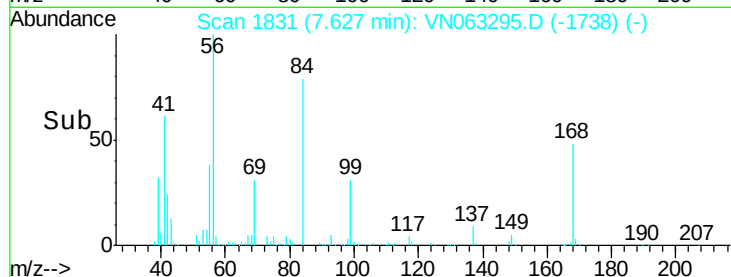
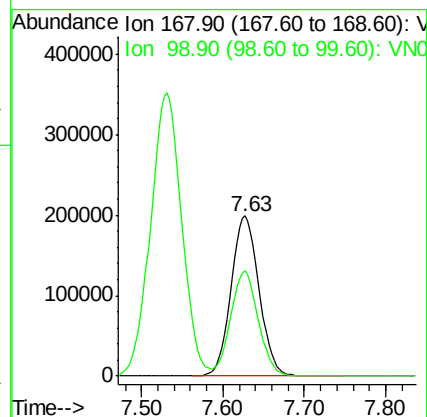
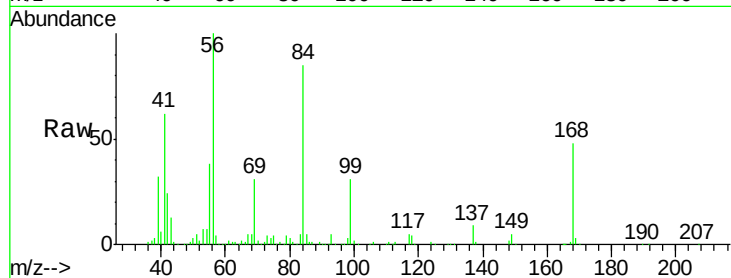
99 65.2 51.1 76.7

Manual Integrations

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9/11/2020 2:02:30 PM



#2

Dichlorodifluoromethane

Concen: 133.267 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063295.D

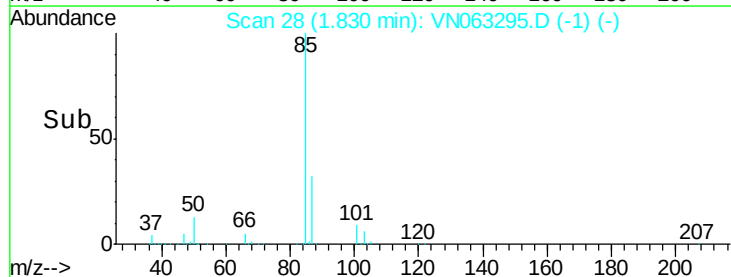
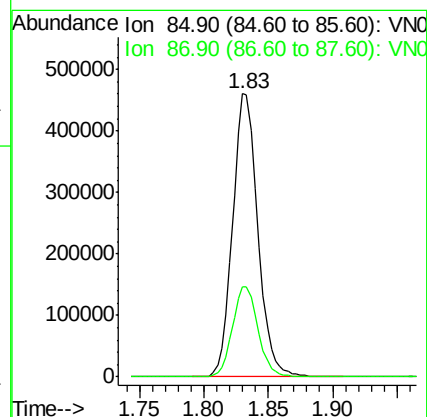
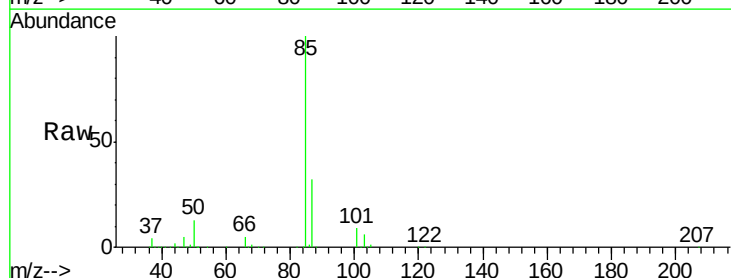
Acq: 10 Sep 2020 14:44

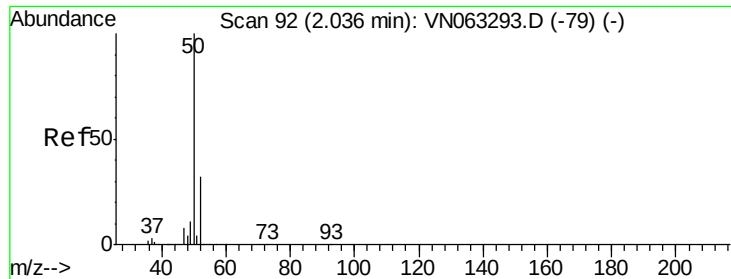
Tgt Ion: 85 Resp: 623901

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.9





#3

Chloromethane

Concen: 125.987 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 858432

Ion Ratio Lower Upper

50 100

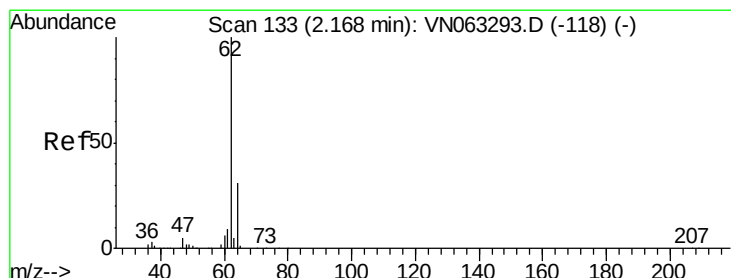
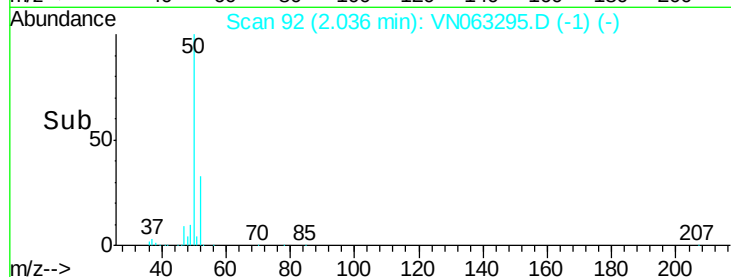
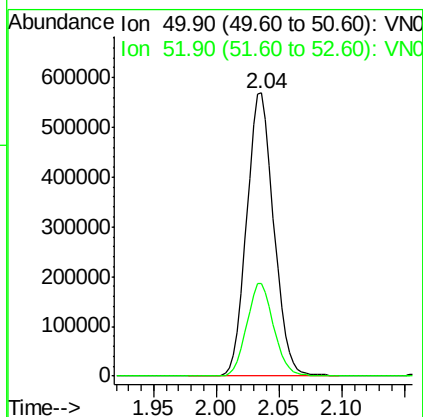
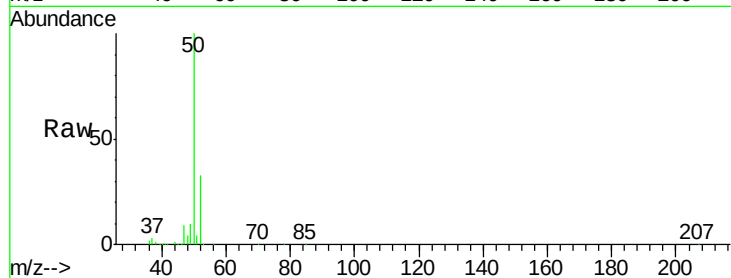
52 32.8 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 123.519 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063295.D

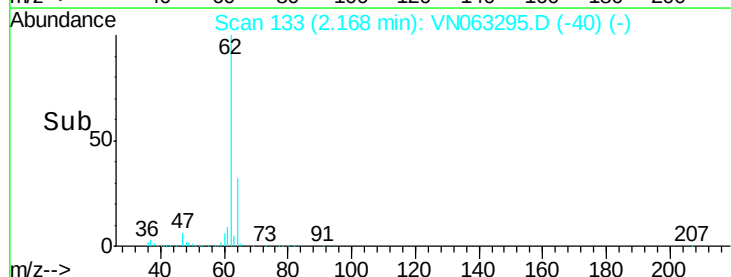
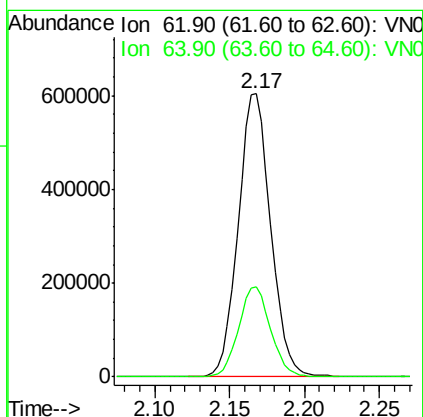
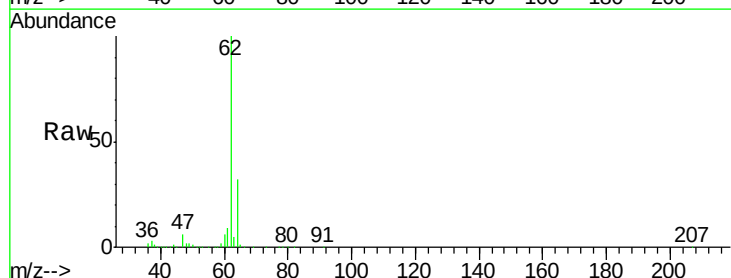
Acq: 10 Sep 2020 14:44

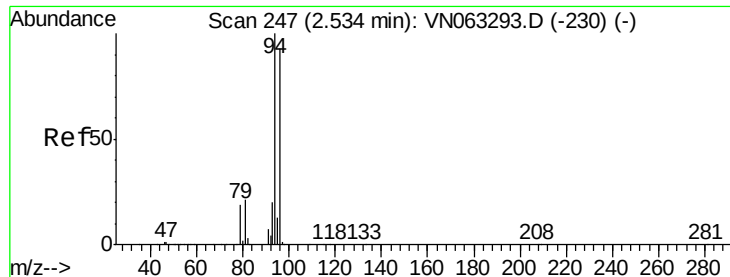
Tgt Ion: 62 Resp: 912170

Ion Ratio Lower Upper

62 100

64 31.7 24.6 37.0





#5

Bromomethane

Concen: 106.494 ug/l

RT: 2.51 min Scan# 241

Delta R.T. -0.02 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 634420

Ion Ratio Lower Upper

94 100

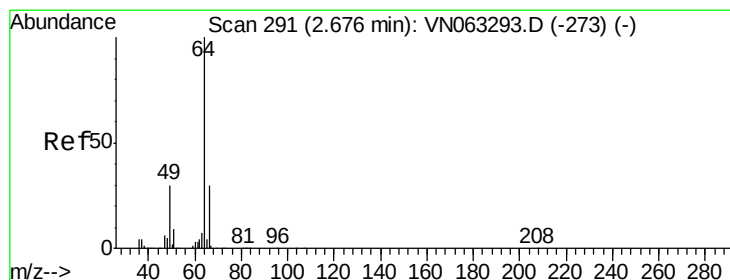
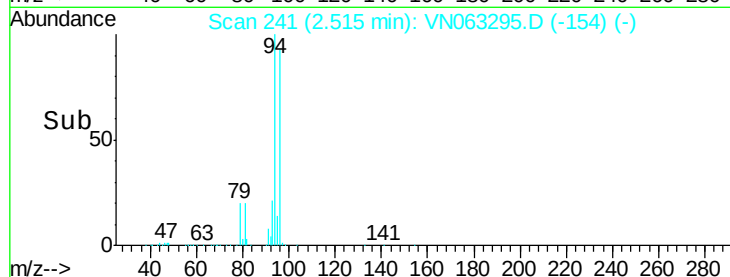
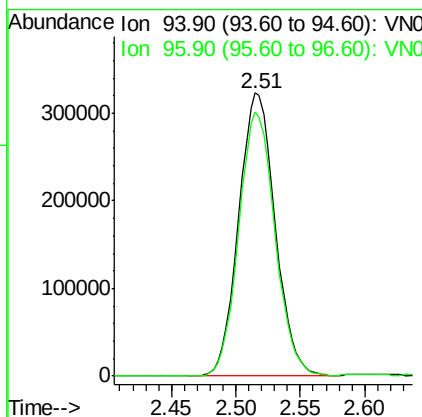
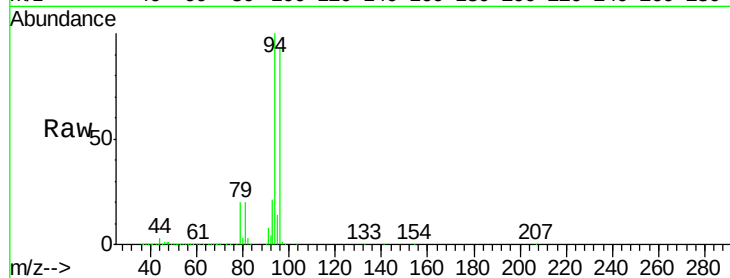
96 93.3 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 104.999 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063295.D

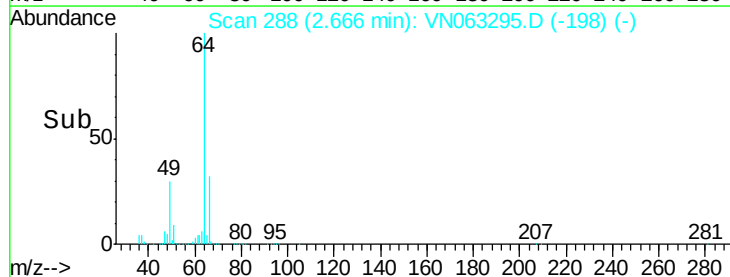
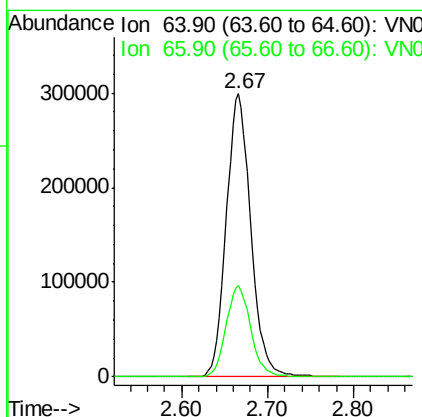
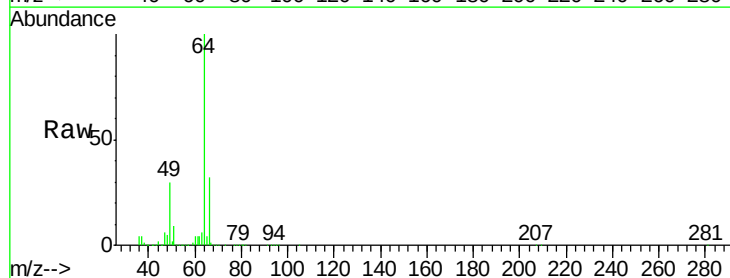
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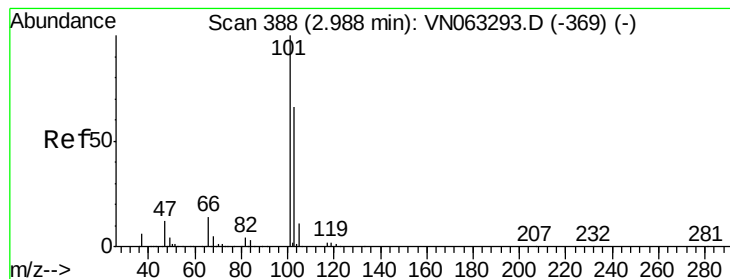
Tgt Ion: 64 Resp: 592842

Ion Ratio Lower Upper

64 100

66 32.1 23.8 35.6





#7

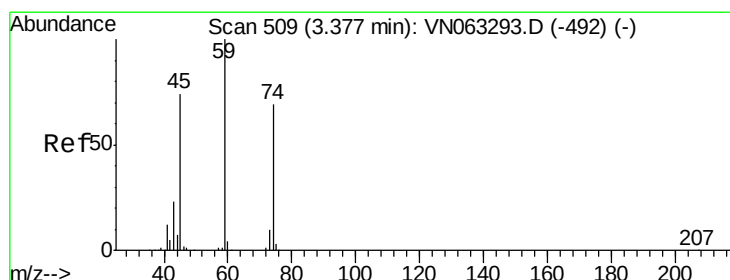
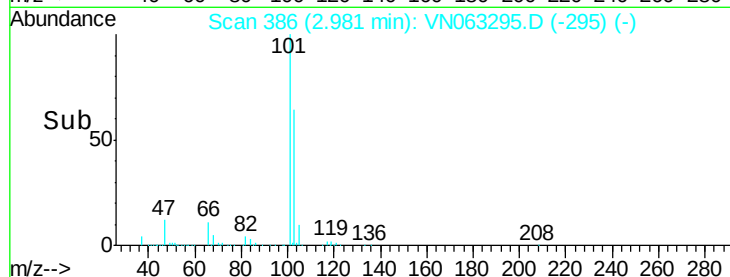
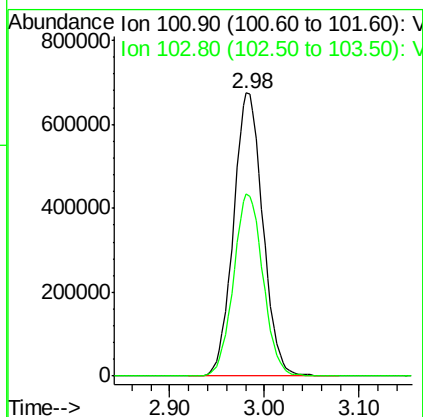
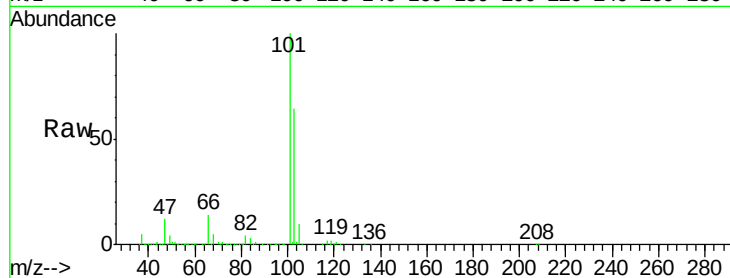
Trichlorofluoromethane
Concen: 130.613 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.01 min
Lab File: VN063295.D
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Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 1456203
Ion Ratio Lower Upper
101 100
103 64.2 52.4 78.6

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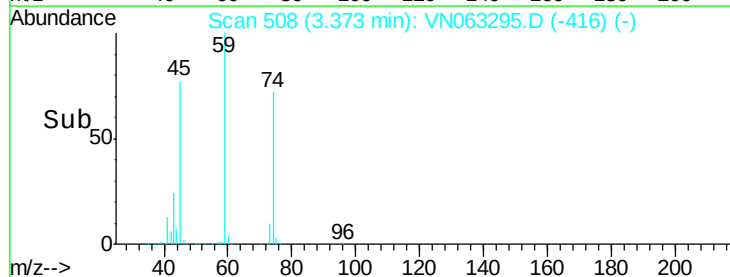
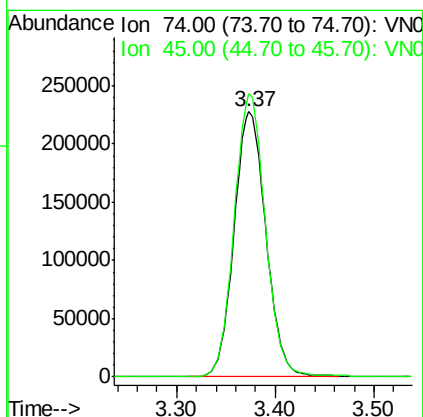
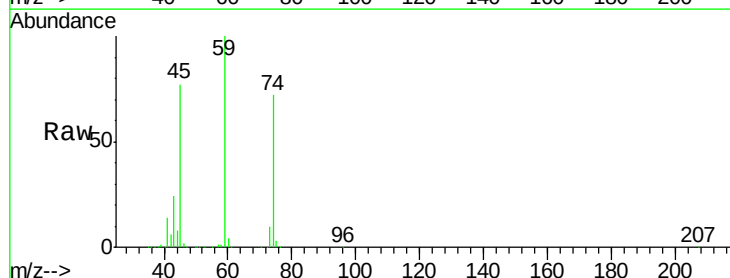
MMDadoda
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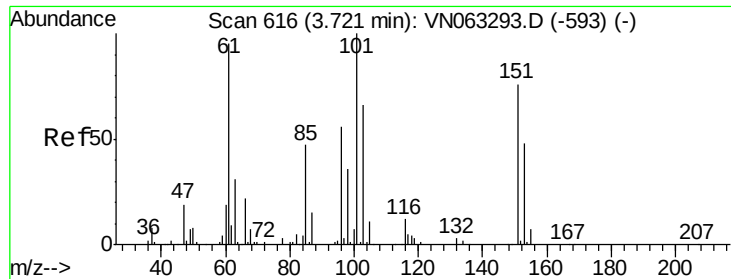


#8

Diethyl Ether
Concen: 141.477 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 74 Resp: 511081
Ion Ratio Lower Upper
74 100
45 103.8 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 141.999 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

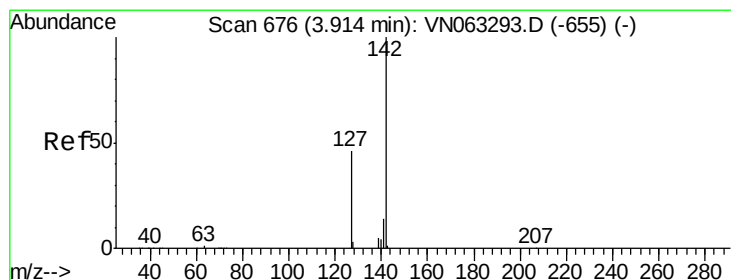
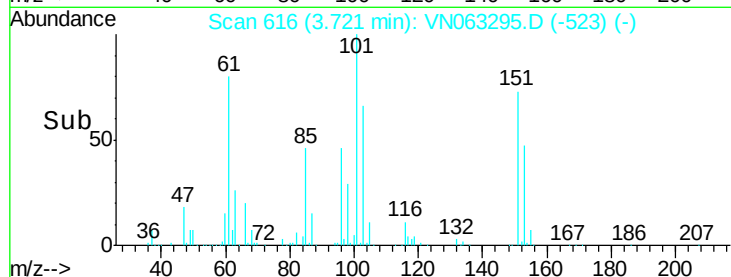
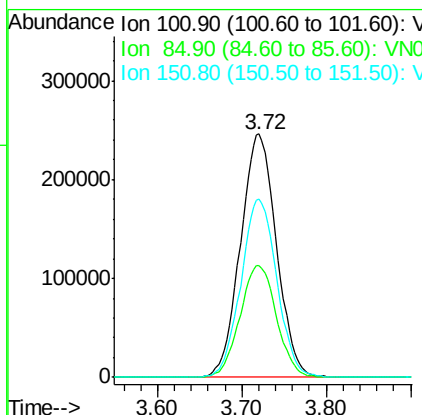
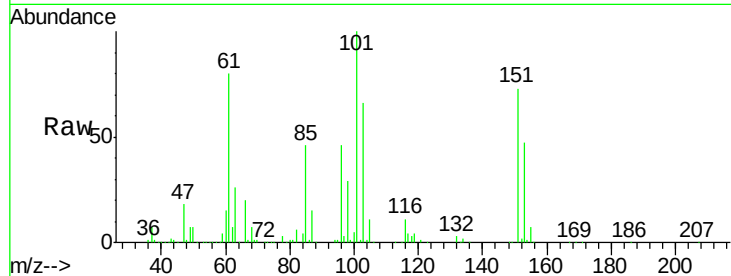
ClientSampled :

VSTDIC150

Tot Ion:	101	Resp:	730348
Ion Ratio	Lower	Upper	
101	100		
85	46.7	36.9	55.3
151	73.1	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 151.838 ug/l

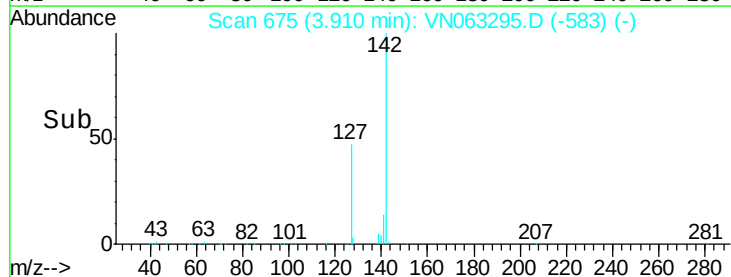
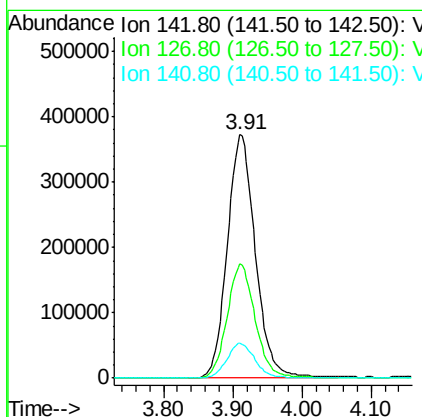
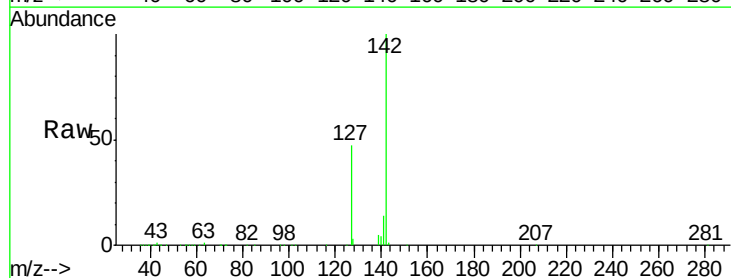
RT: 3.91 min Scan# 675

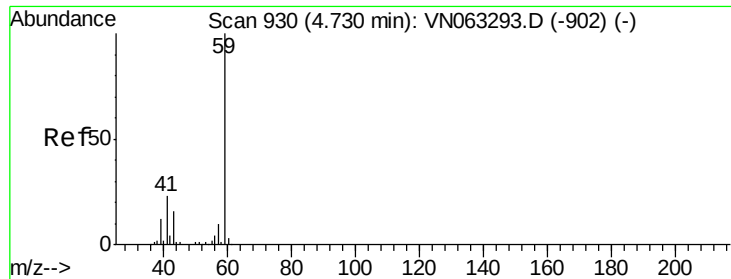
Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Tgt Ion:	142	Resp:	1057976
Ion Ratio	Lower	Upper	
142	100		
127	46.4	37.1	55.7
141	14.4	11.6	17.4





#11

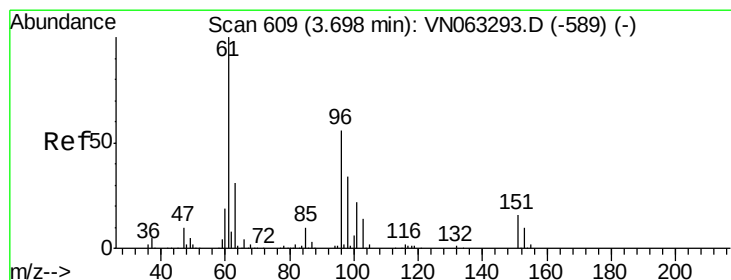
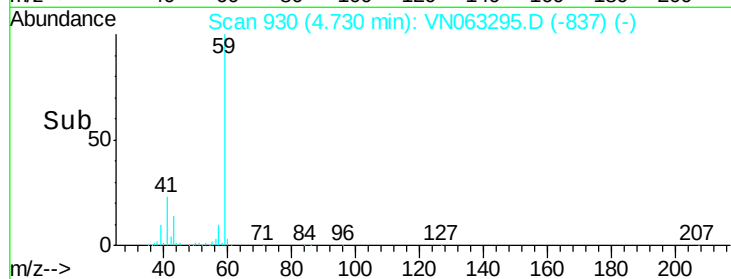
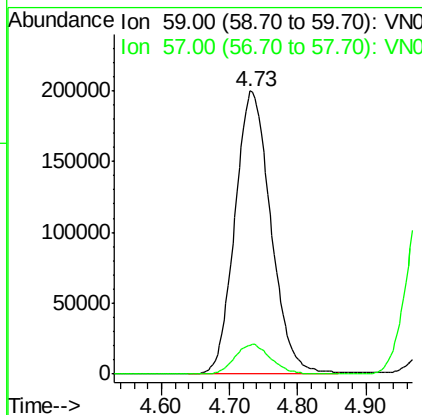
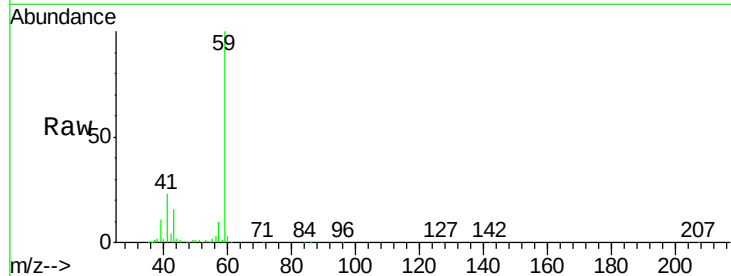
Tert butyl alcohol
 Concen: 767.511 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

Manual Integrations
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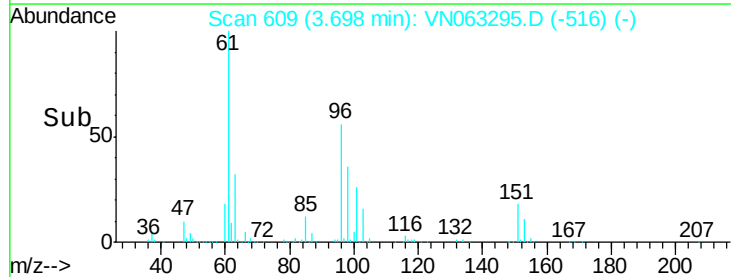
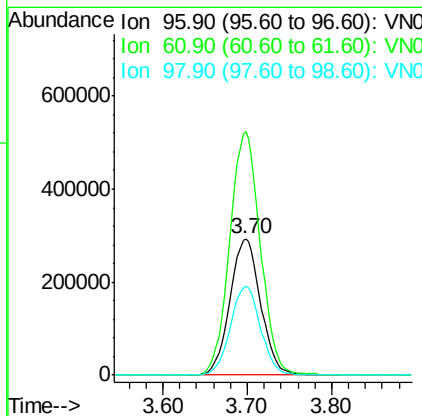
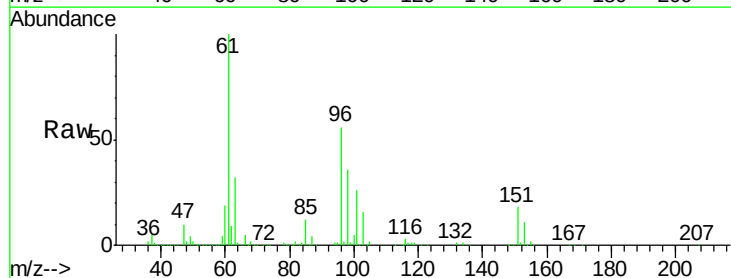
MMDadoda
 9/11/2020 2:02:30 PM

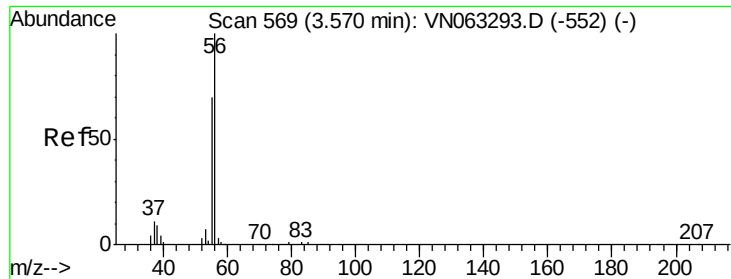


#12

1,1-Dichloroethene
 Concen: 142.846 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.5	142.1	213.1
98	65.1	48.8	73.2





#13

Acrolein

Concen: 1250.951 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 443043

Ion Ratio Lower Upper

56 100

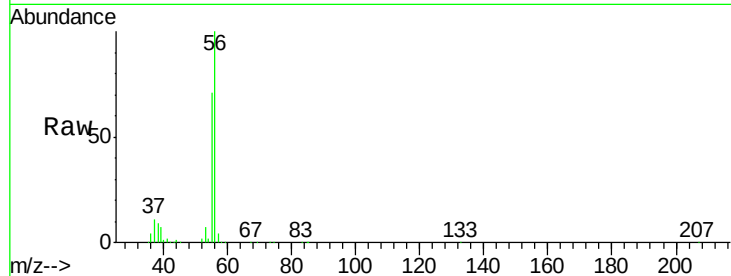
55 71.6 57.2 85.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN063293.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN063293.D (-552) (-)

3.57

200000

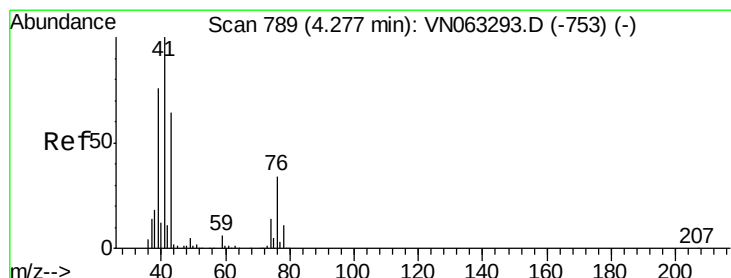
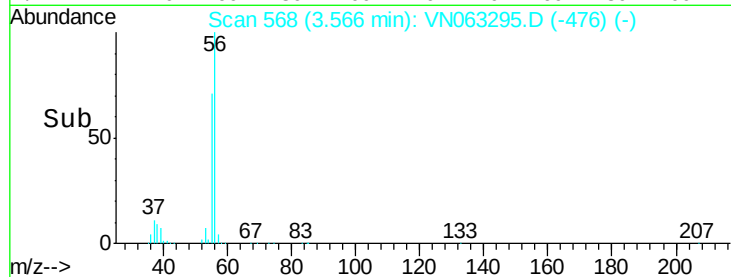
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 159.134 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

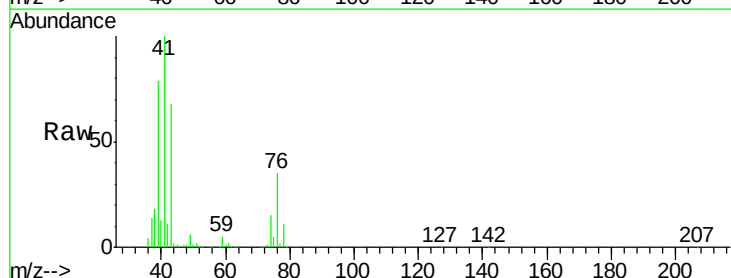
Tgt Ion: 41 Resp: 1491937

Ion Ratio Lower Upper

41 100

39 74.5 57.4 86.2

76 31.8 25.7 38.5



Abundance Ion 41.00 (40.70 to 41.70): VN063293.D (-753) (-)

Ion 39.00 (38.70 to 39.70): VN063293.D (-753) (-)

Ion 75.90 (75.60 to 76.60): VN063293.D (-753) (-)

4.28

600000

500000

400000

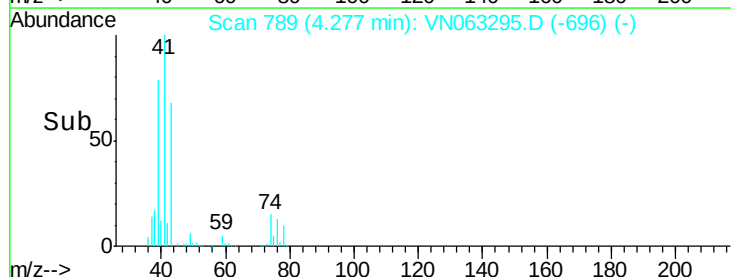
300000

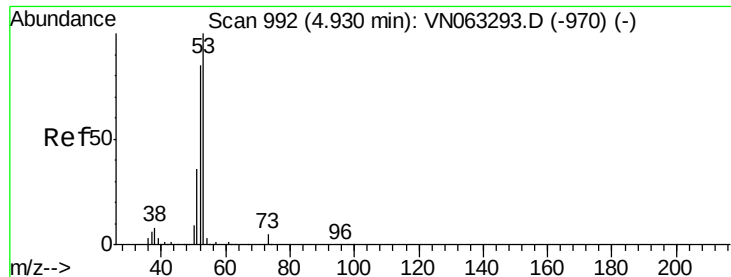
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 825.509 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 2031308

Ion Ratio Lower Upper

53 100

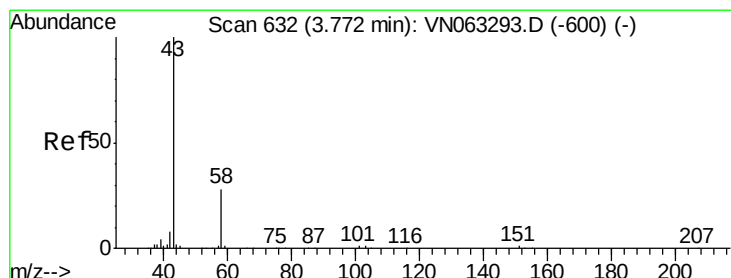
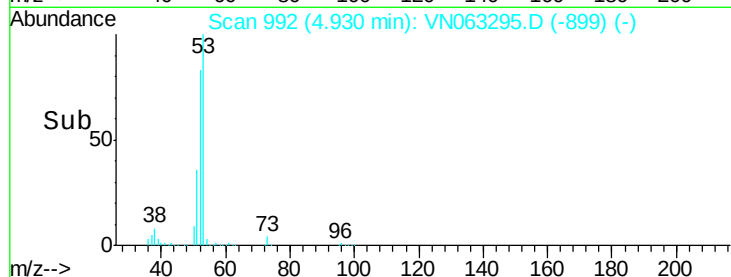
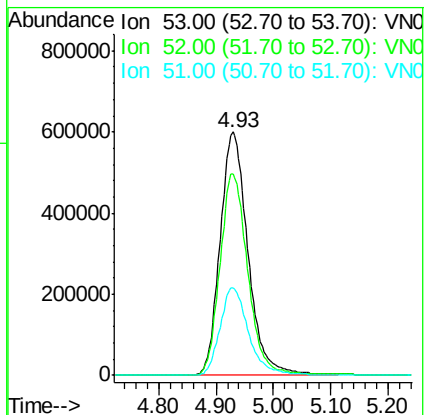
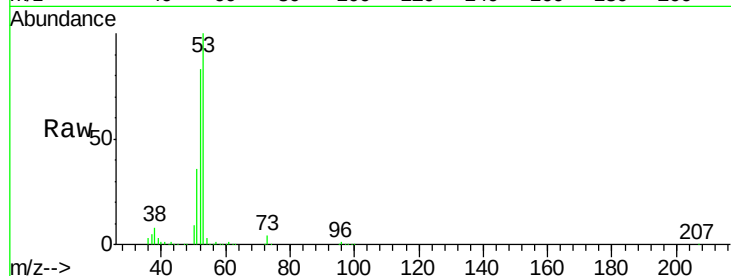
52 82.1 66.5 99.7

51 36.9 29.8 44.6

Manual Integrations
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MMDadoda

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#16

Acetone

Concen: 788.708 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063295.D

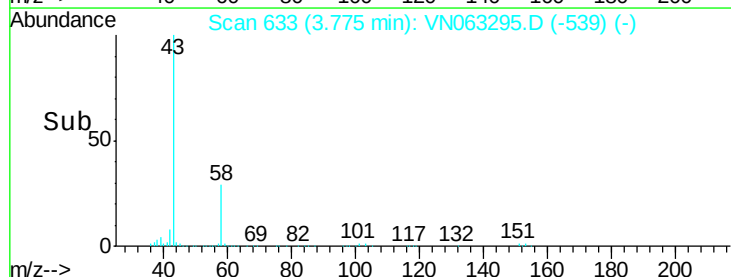
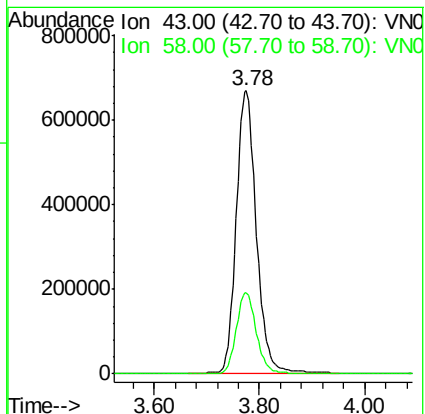
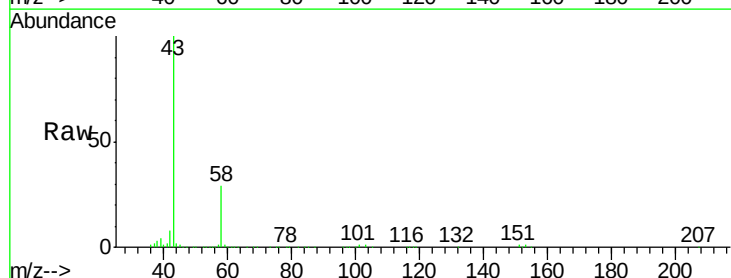
Acq: 10 Sep 2020 14:44

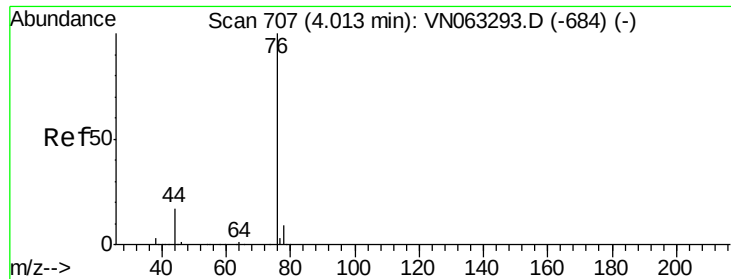
Tgt Ion: 43 Resp: 1770457

Ion Ratio Lower Upper

43 100

58 28.7 22.6 34.0





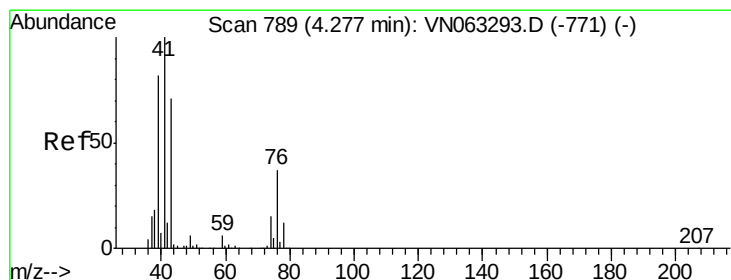
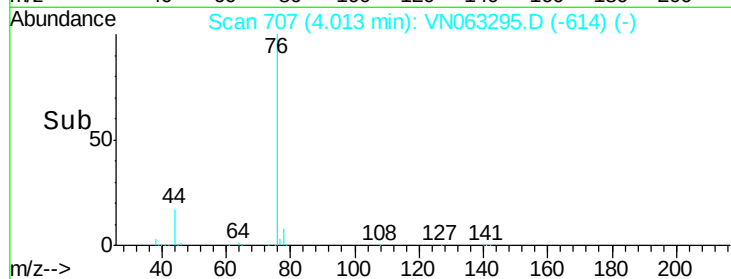
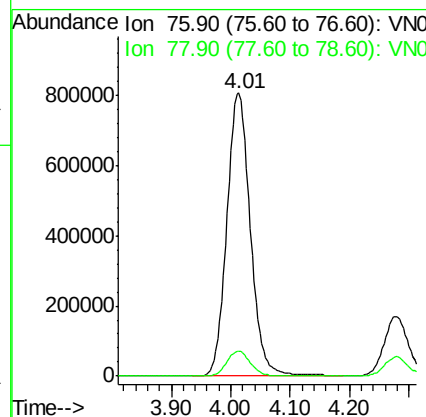
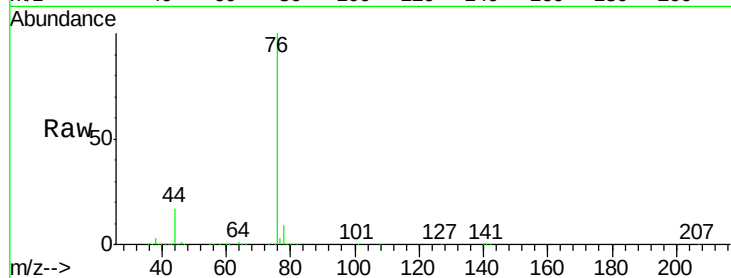
#17
Carbon Disulfide
Concen: 142.509 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 2210872
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

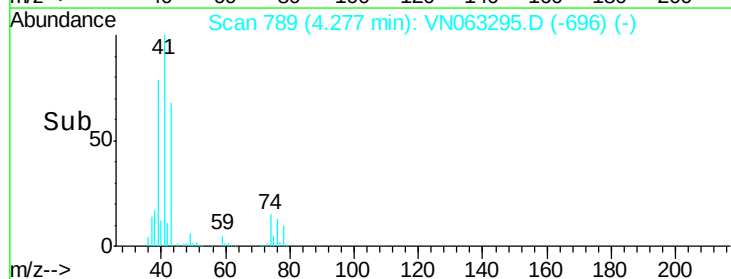
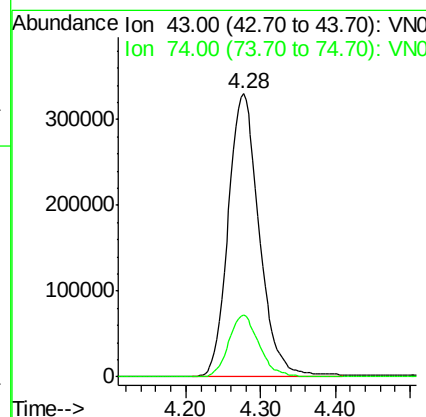
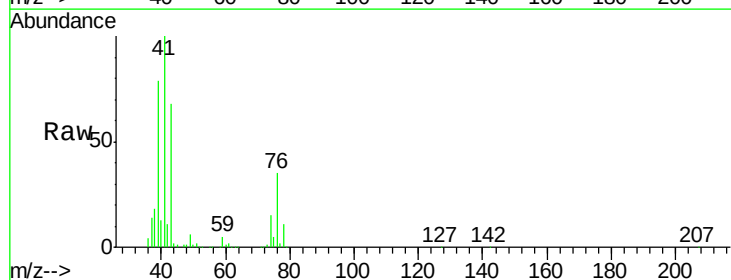
Manual Integrations
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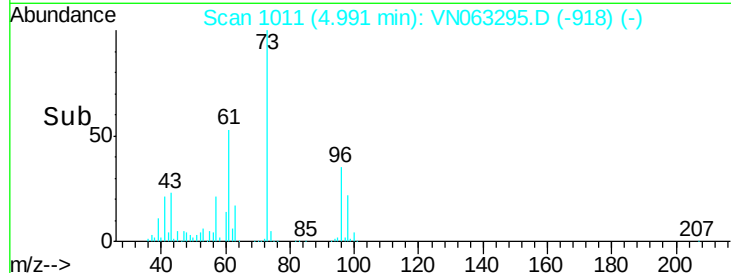
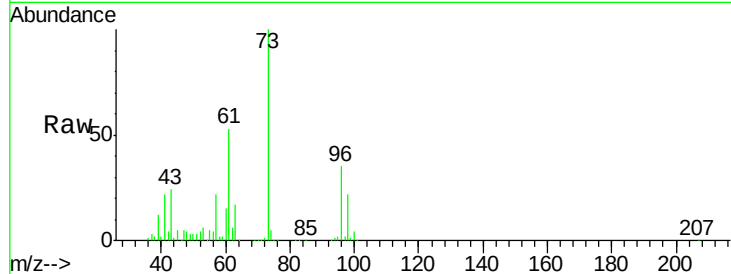
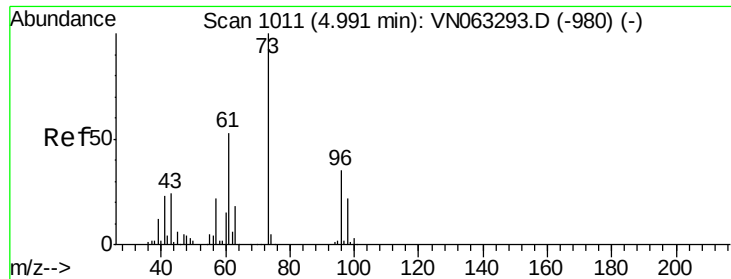
MMDadoda
9/11/2020 2:02:30 PM



#18
Methyl Acetate
Concen: 164.773 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 43 Resp: 942978
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.6





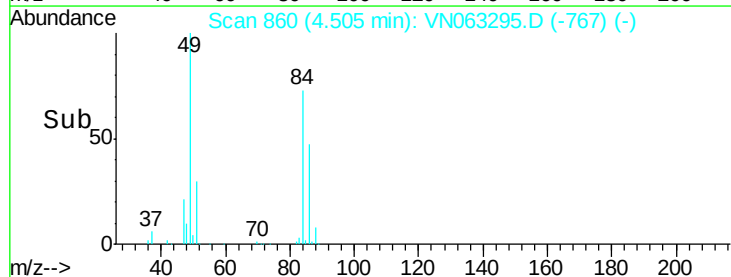
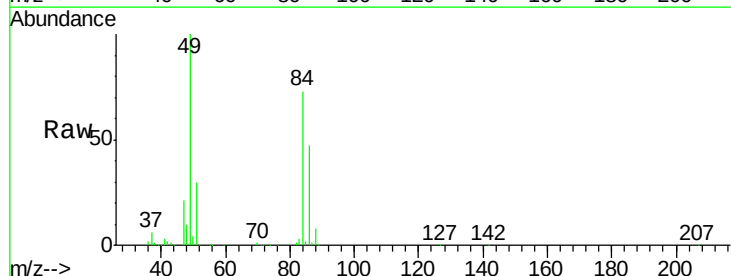
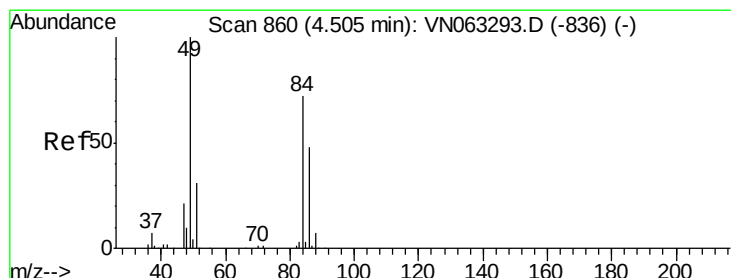
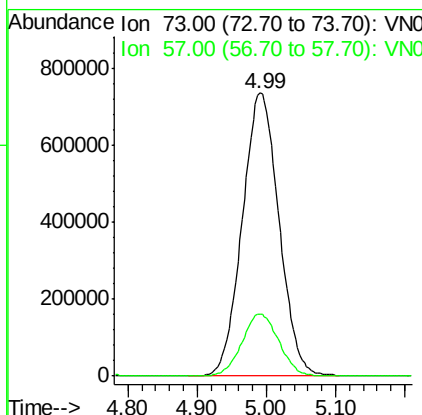
#19
Methyl tert-butyl Ether
Concen: 141.288 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tot Ion: 73 Resp: 2710062
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

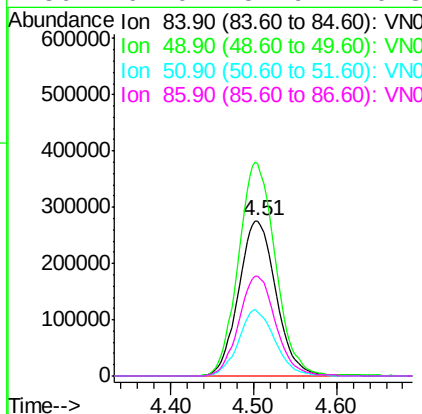
Manual Integrations
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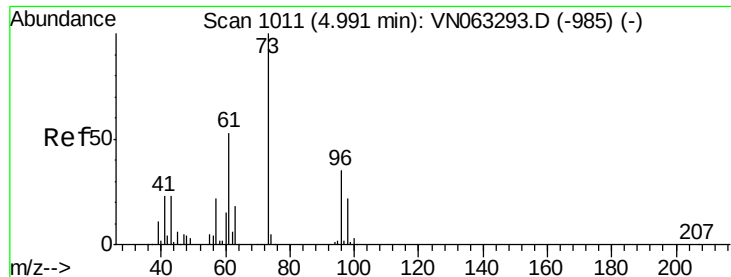
MMDadoda
9/11/2020 2:02:30 PM



#20
Methylene Chloride
Concen: 129.838 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 84 Resp: 865550
Ion Ratio Lower Upper
84 100
49 136.4 111.1 166.7
51 41.4 34.3 51.5
86 64.0 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 144.713 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

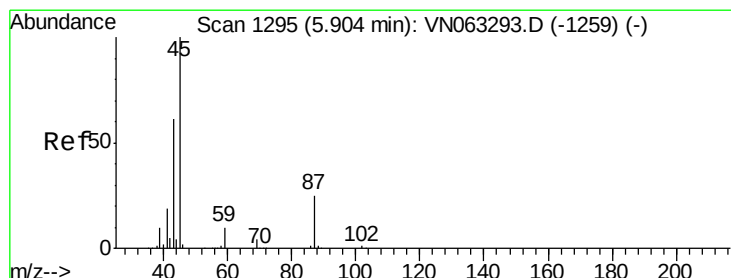
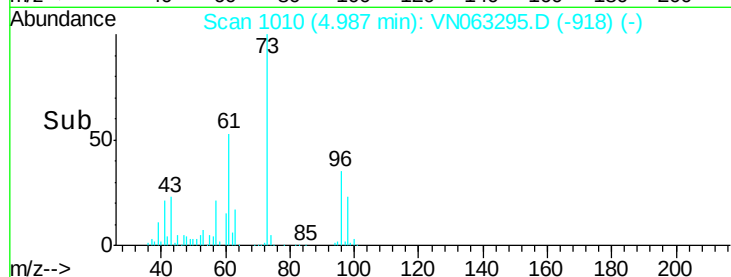
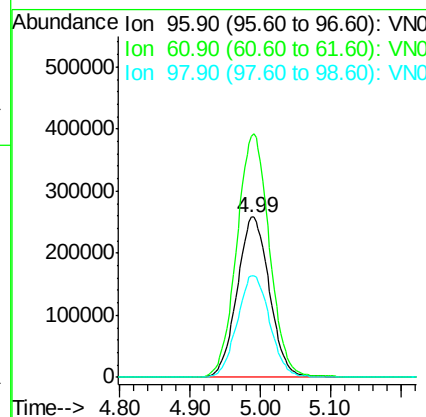
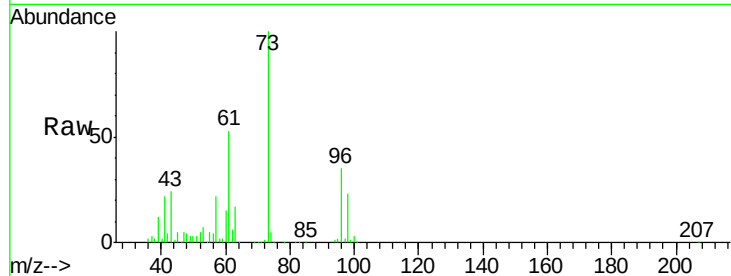
ClientSampled :

VSTDIC150

Tot Ion:	96	Resp:	826986
Ion	Ratio	Lower	Upper
96	100		
61	150.3	121.8	182.8
98	63.6	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 146.666 ug/l

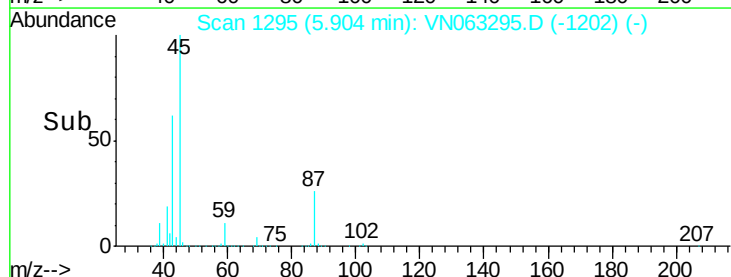
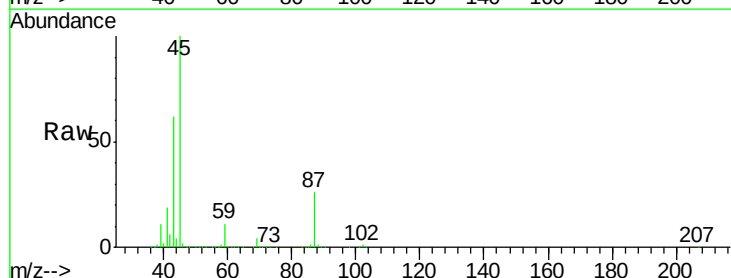
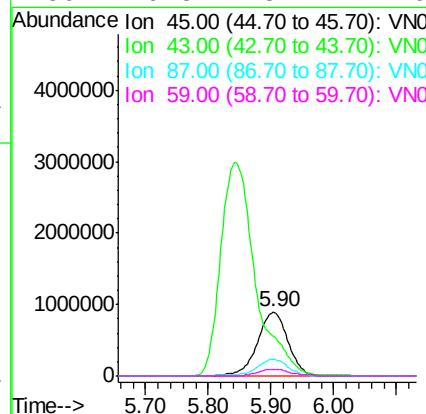
RT: 5.90 min Scan# 1295

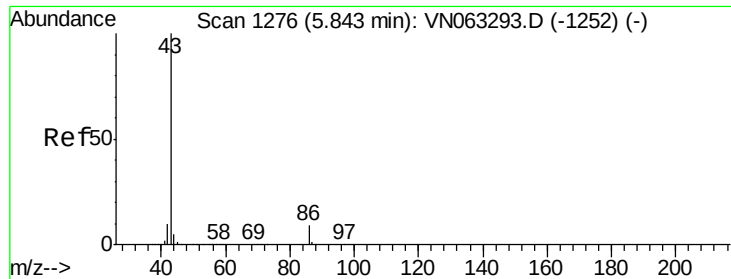
Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Tgt Ion:	45	Resp:	3048312
Ion	Ratio	Lower	Upper
45	100		
43	61.4	50.3	75.5
87	26.1	20.7	31.1
59	10.8	8.4	12.6





#23

Vinyl Acetate

Concen: 697.333 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 11530499

Ion Ratio Lower Upper

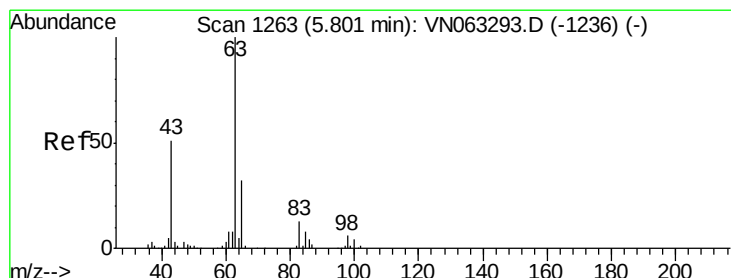
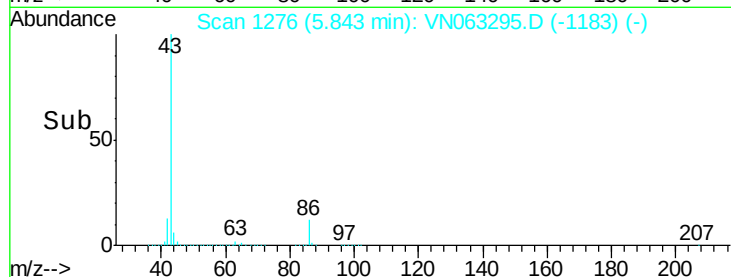
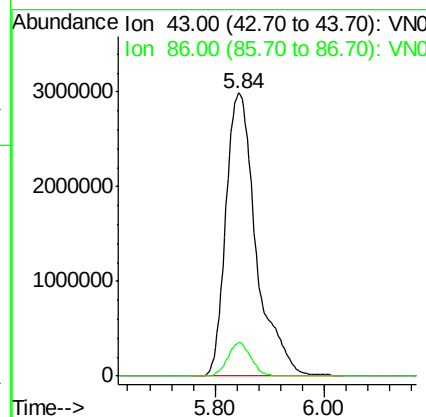
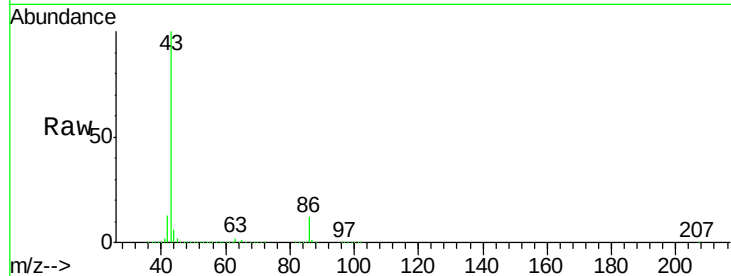
43 100

86 11.8 7.2 10.8#

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 143.770 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

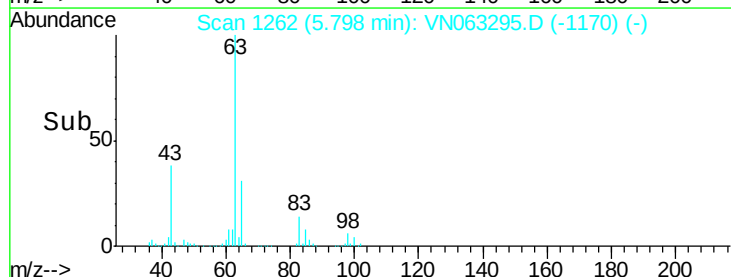
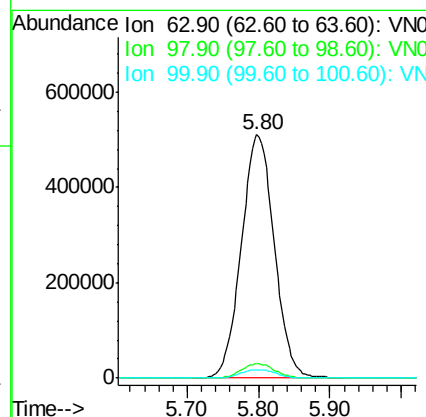
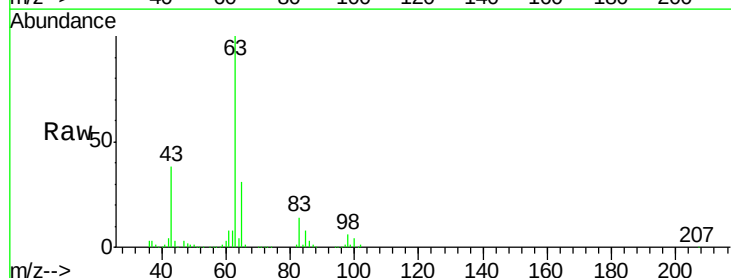
Tgt Ion: 63 Resp: 1639964

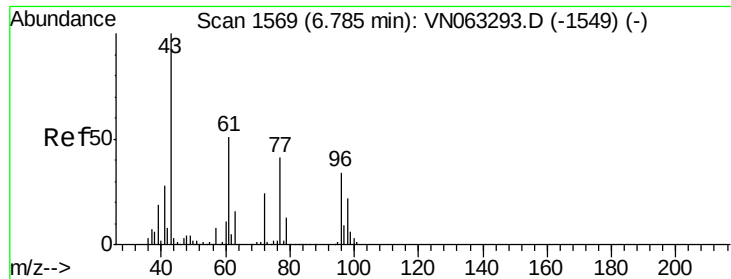
Ion Ratio Lower Upper

63 100

98 5.8 3.1 9.3

100 3.5 2.0 6.0





#25

2-Butanone

Concen: 816.255 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Tot Ion: 43 Resp: 2816567

Ion Ratio Lower Upper

43 100

72 24.8 19.4 29.2

Instrument :

MSVOA_N

ClientSampleId :

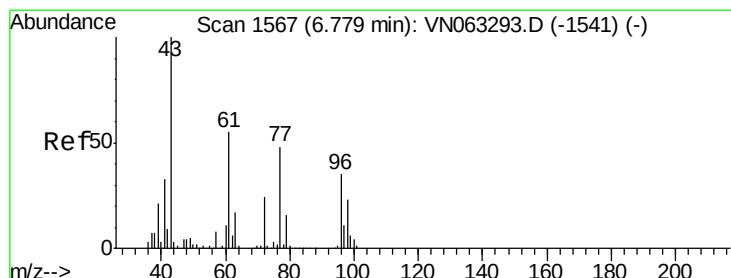
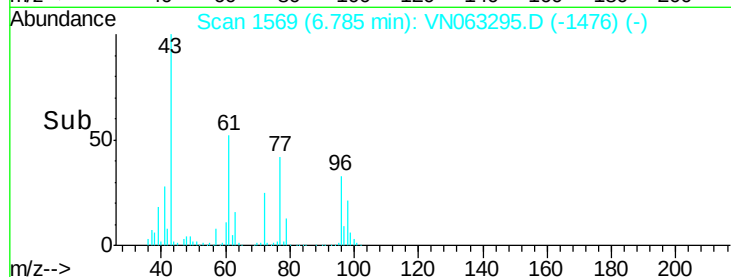
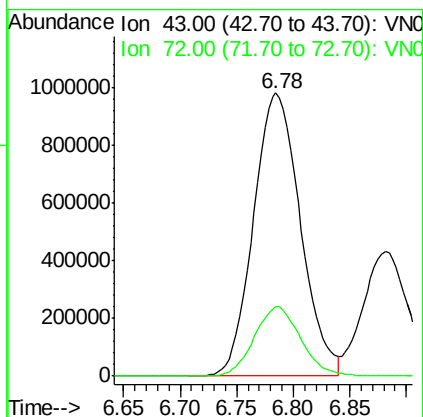
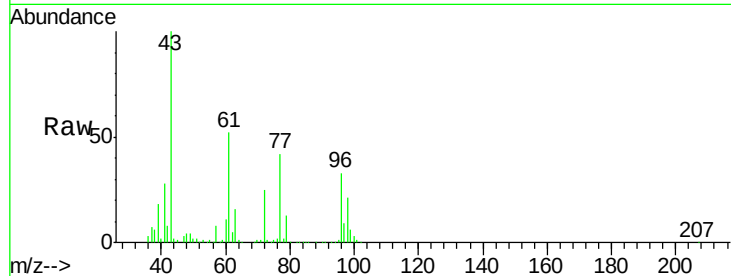
VSTDIC150

Manual Integrations

APPROVED

MMDadoda

9/11/2020 2:02:30 PM



#26

2,2-Dichloropropane

Concen: 135.903 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063295.D

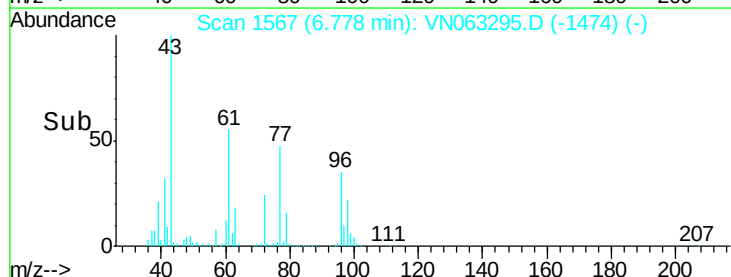
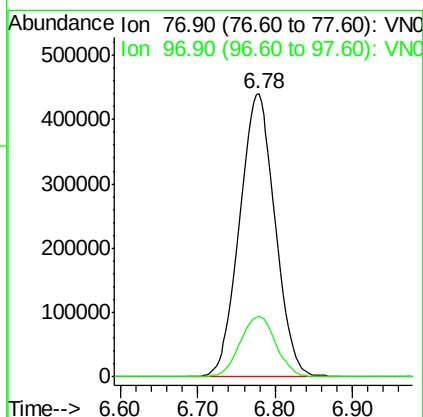
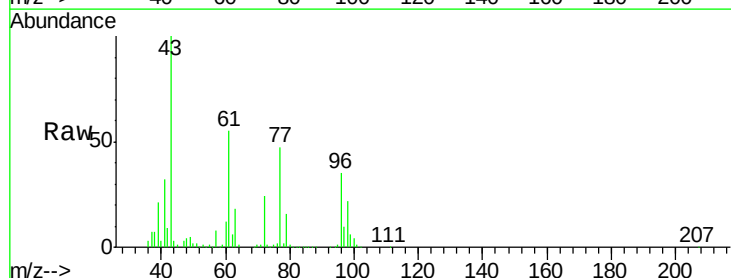
Acq: 10 Sep 2020 14:44

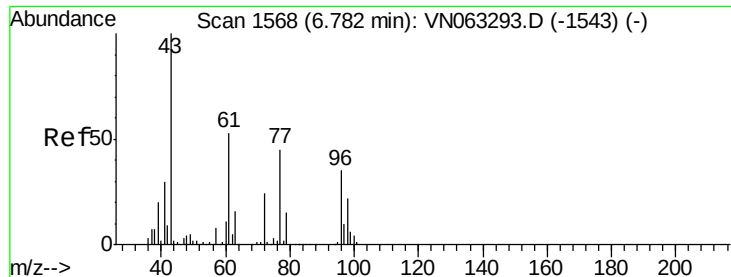
Tgt Ion: 77 Resp: 1407043

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 138.422 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

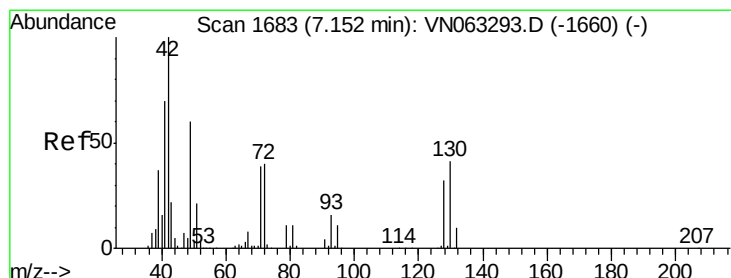
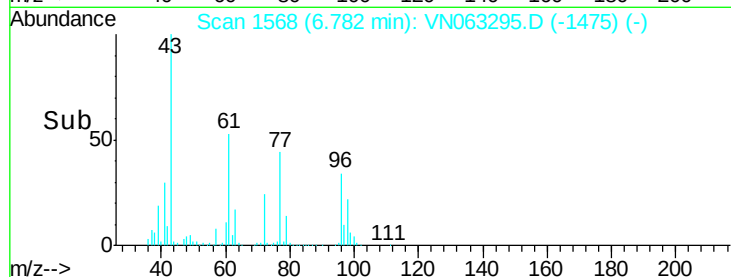
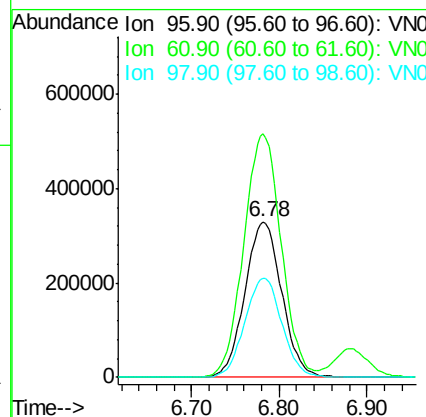
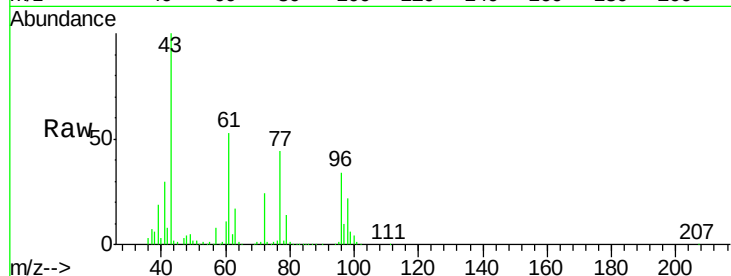
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	961511
Ion	Ratio	Lower	Upper
96	100		
61	159.3	0.0	322.8
98	64.5	0.0	132.2

Manual Integrations
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#28

Bromochloromethane

Concen: 140.124 ug/l

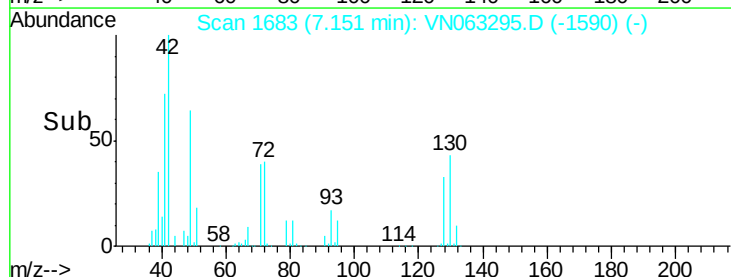
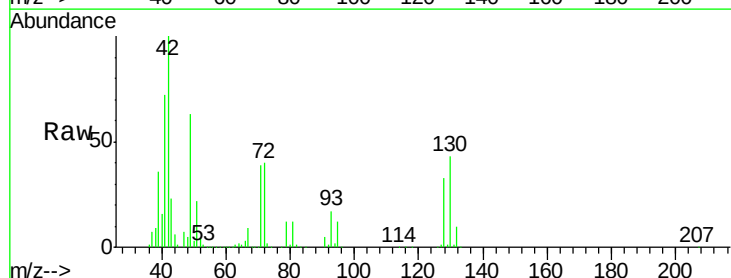
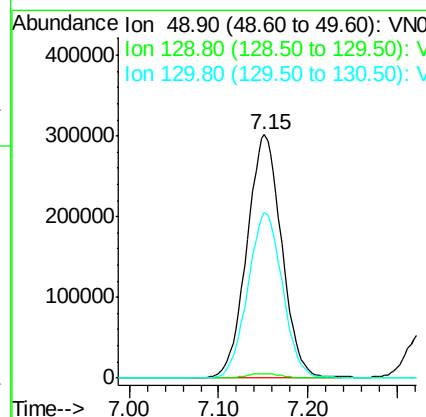
RT: 7.15 min Scan# 1683

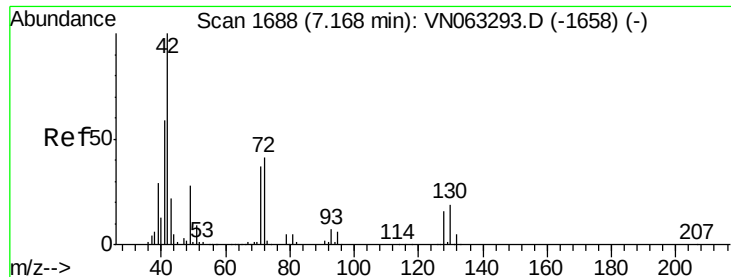
Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Tgt Ion:	49	Resp:	818340
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	67.9	53.1	79.7





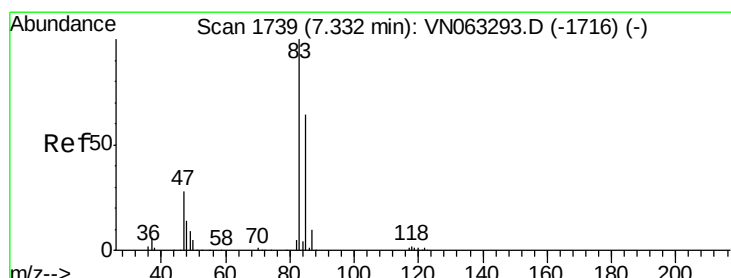
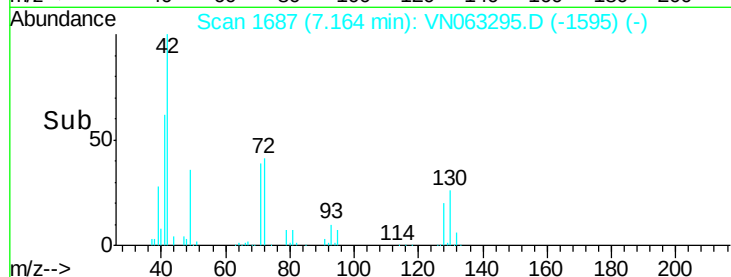
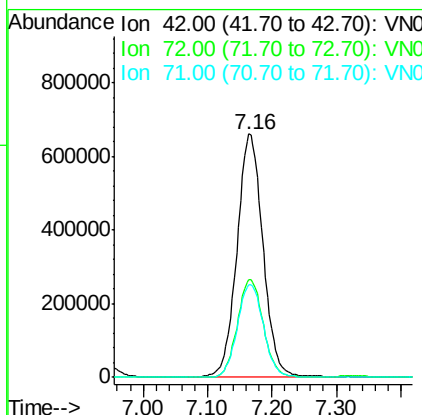
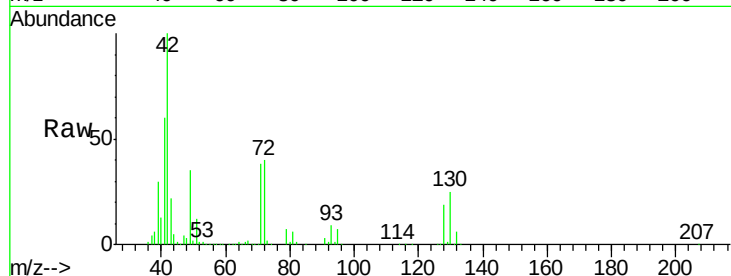
#29
Tetrahydrofuran
Concen: 780.531 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	31.4	47.2
71	38.3	30.0	45.0

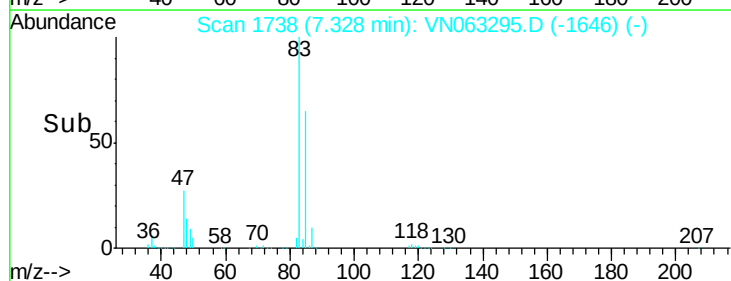
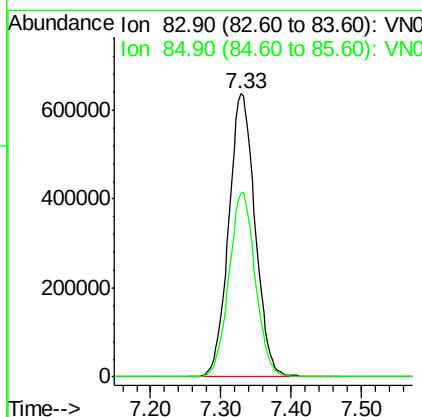
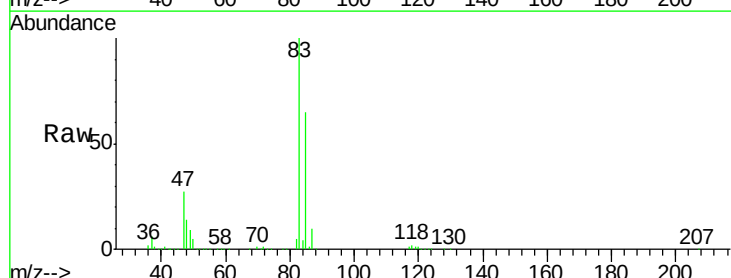
Manual Integrations
APPROVED

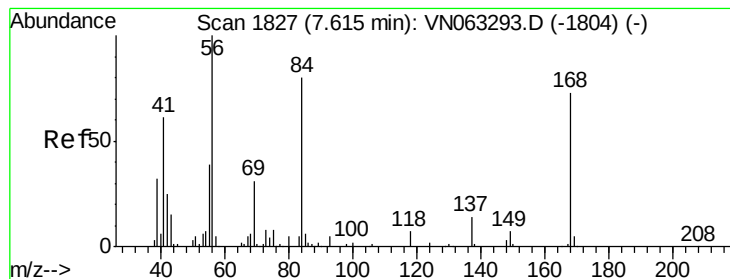
MMDadoda
9/11/2020 2:02:30 PM



#30
Chloroform
Concen: 140.332 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.2	76.8





#31

Cyclohexane

Concen: 132.498 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 56 Resp: 1420467

Ion Ratio Lower Upper

56 100

69 30.7 25.1 37.7

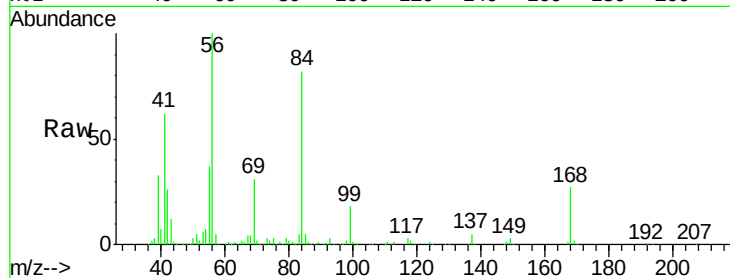
84 80.4 64.2 96.2

Manual Integrations

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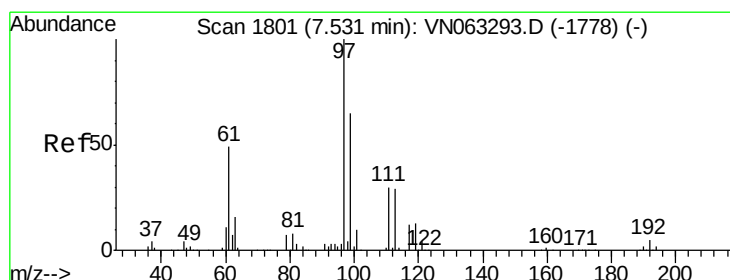
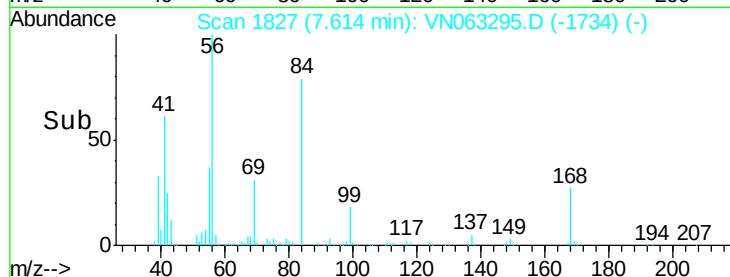
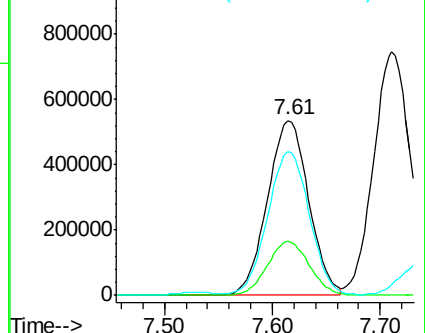
9/11/2020 2:02:30 PM



Abundance Ion 56.00 (55.70 to 56.70): VN063295.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063295.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063295.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 144.059 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

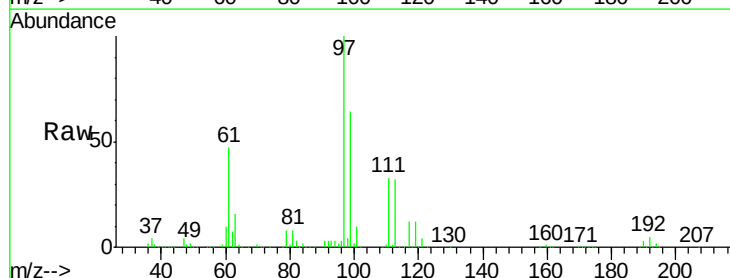
Tgt Ion: 97 Resp: 1471380

Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.2

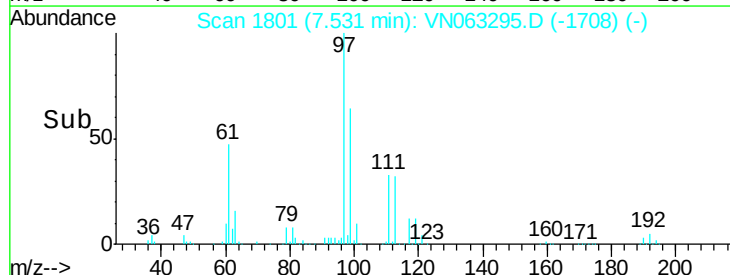
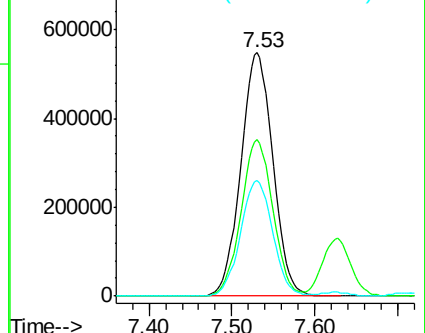
61 47.6 38.9 58.3

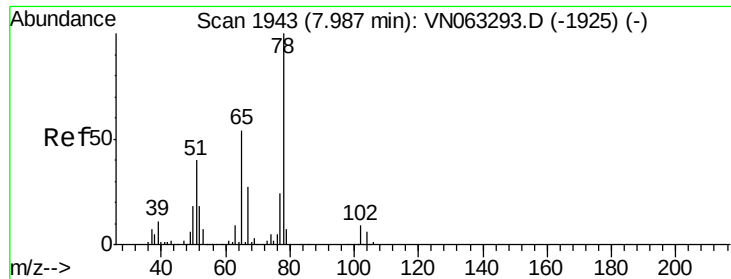


Abundance Ion 96.90 (96.60 to 97.60): VN063295.D (-1708) (-)

Ion 98.90 (98.60 to 99.60): VN063295.D (-1708) (-)

Ion 60.90 (60.60 to 61.60): VN063295.D (-1708) (-)





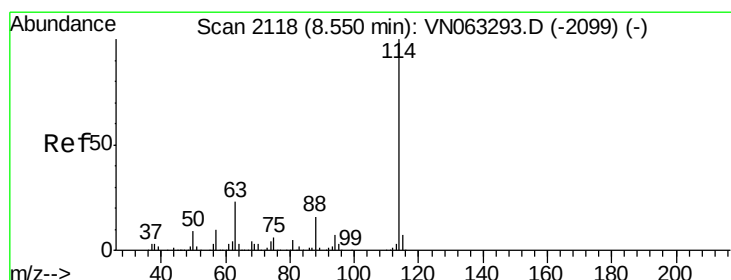
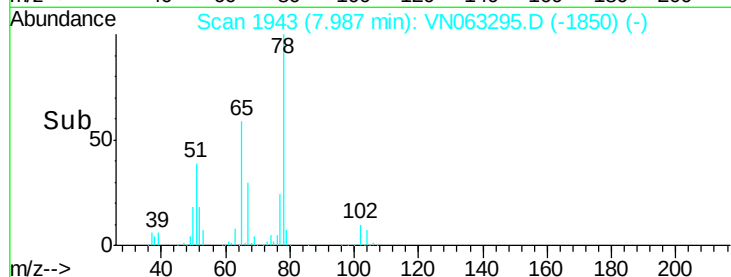
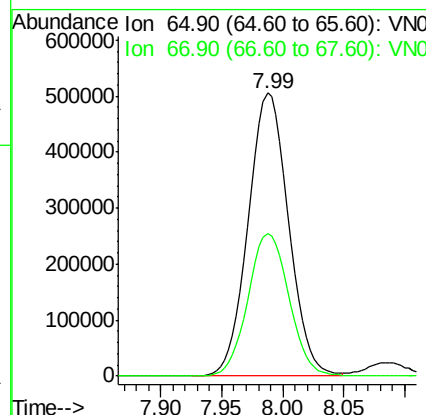
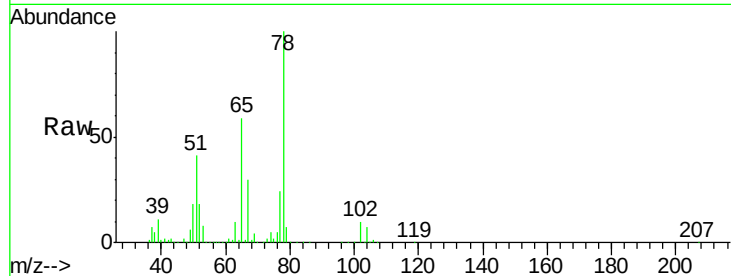
#33
 1,2-Dichloroethane-d4
 Concen: 150.600 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 65 Resp: 1157578
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.6

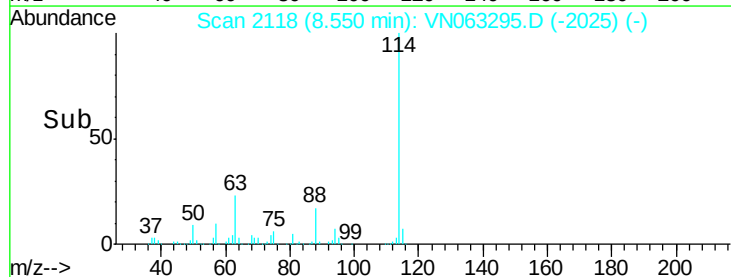
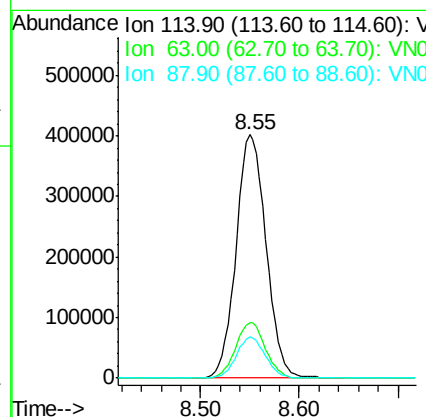
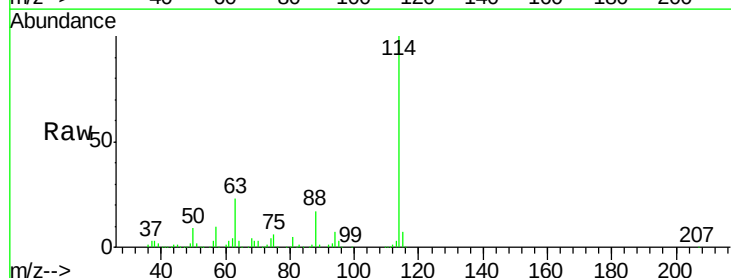
Manual Integrations
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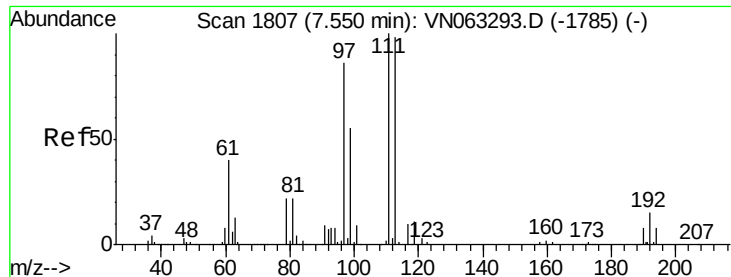
MMDadoda
 9/11/2020 2:02:30 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion: 114 Resp: 849418
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.0
 88 16.7 0.0 32.8





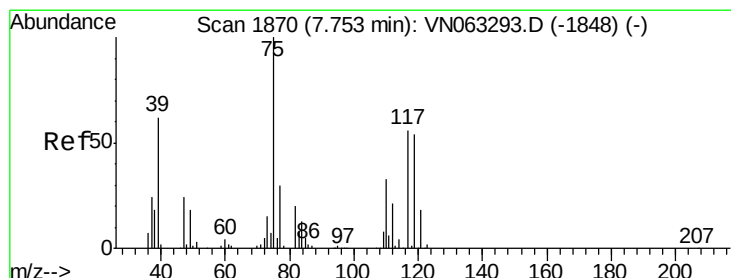
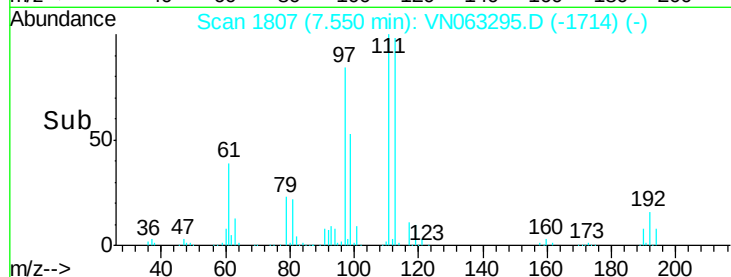
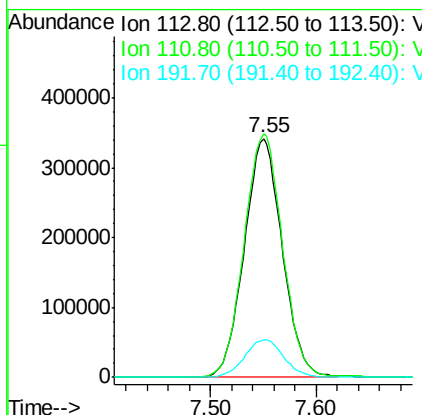
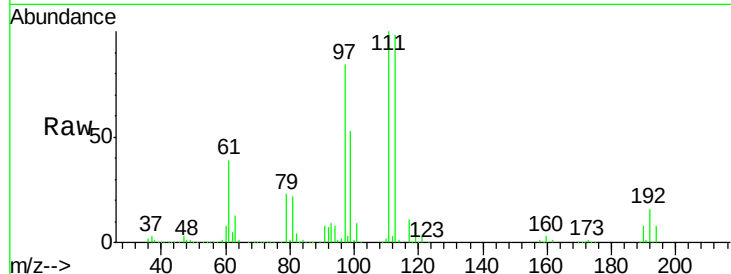
#35
 Dibromofluoromethane
 Concen: 158.013 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	853687		
111	103.8		82.2	123.2
192	16.4		12.9	19.3

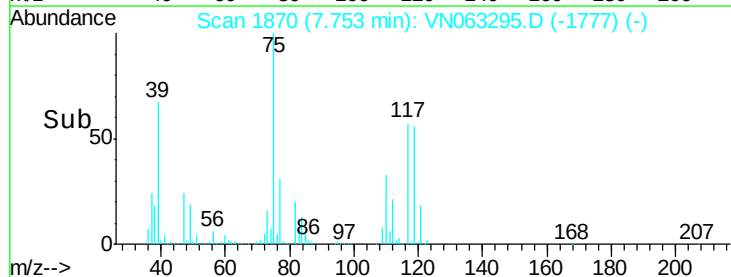
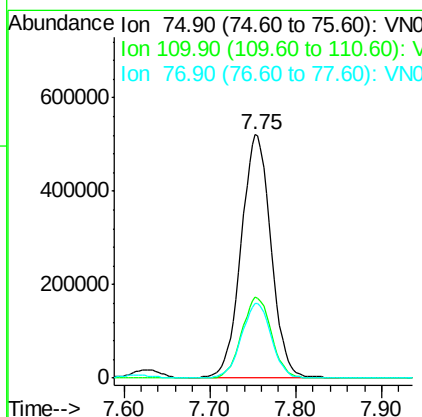
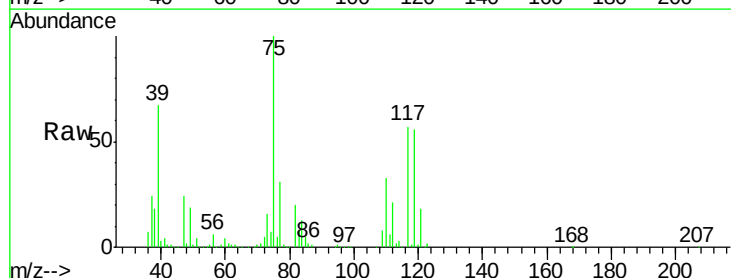
Manual Integrations
 APPROVED

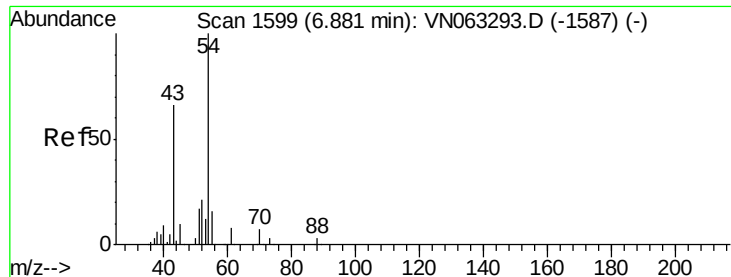
MMDadoda
 9/11/2020 2:02:30 PM



#36
 1,1-Dichloropropene
 Concen: 153.459 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1253981		
110	33.2		16.4	49.4
77	30.7		24.8	37.2





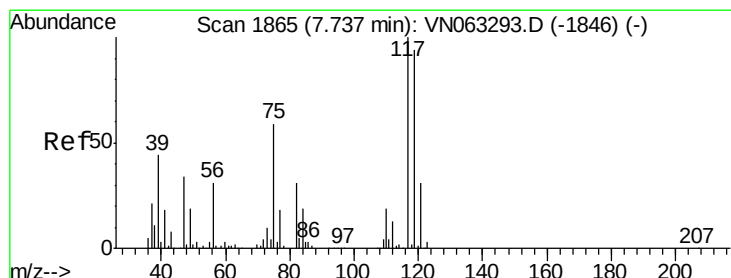
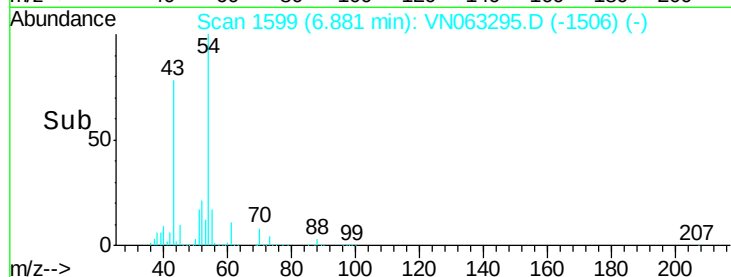
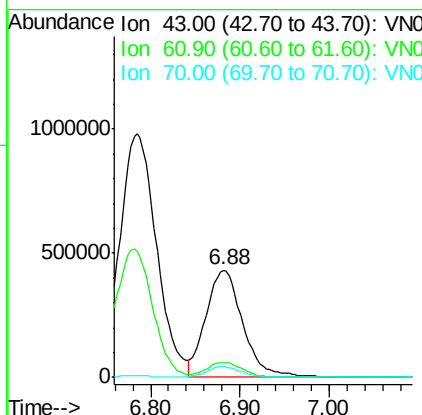
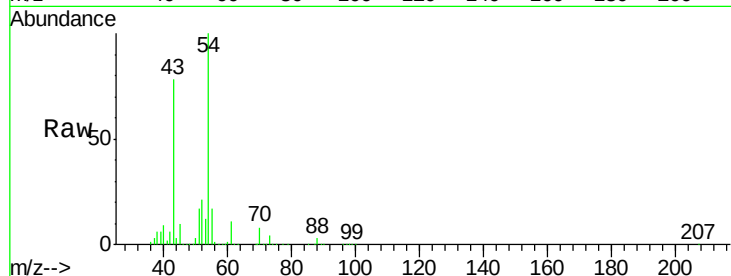
#37
Ethyl Acetate
Concen: 174.889 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 1224017
Ion Ratio Lower Upper
43 100
61 13.3 10.1 15.1
70 9.6 7.4 11.2

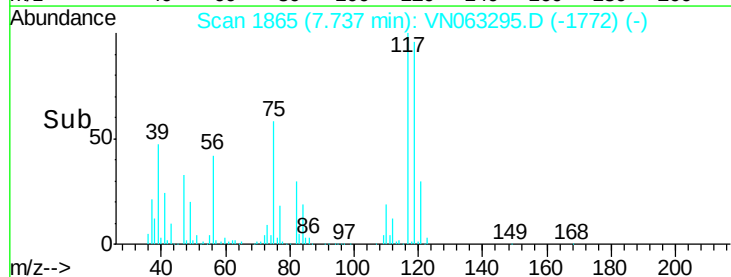
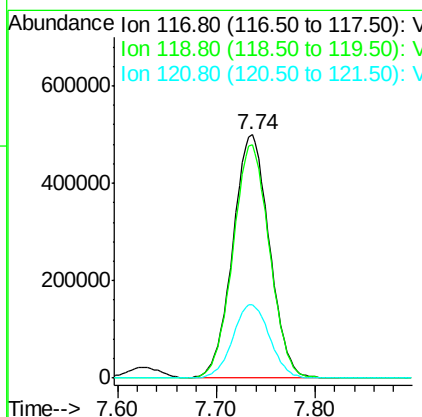
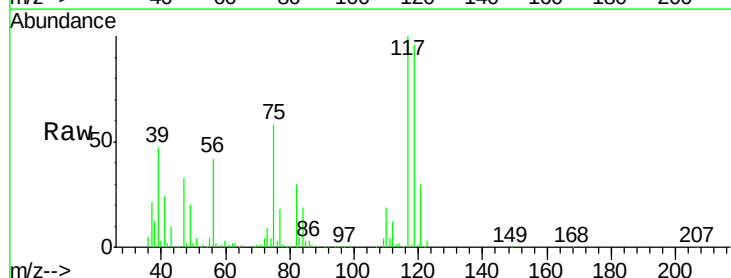
Manual Integrations
APPROVED

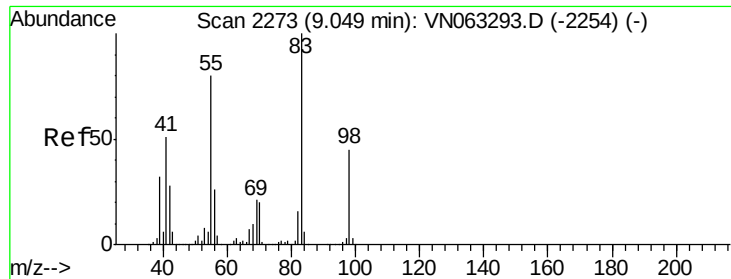
MMDadoda
9/11/2020 2:02:30 PM



#38
Carbon Tetrachloride
Concen: 155.096 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 117 Resp: 1281241
Ion Ratio Lower Upper
117 100
119 95.8 75.3 112.9
121 30.3 24.6 37.0





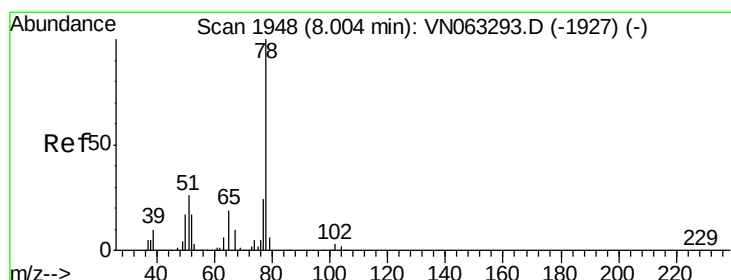
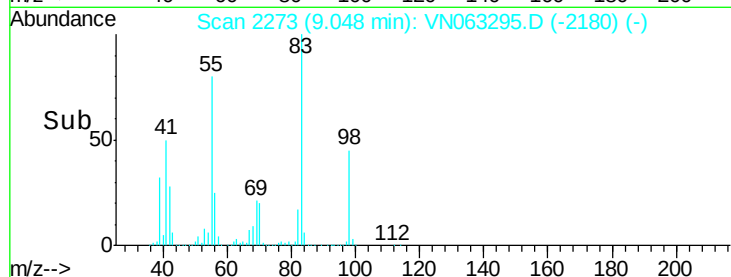
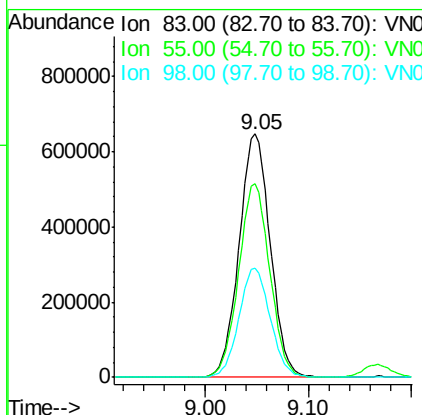
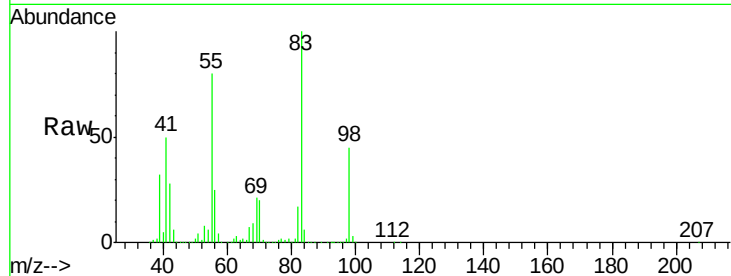
#39
Methylvlcyclohexane
Concen: 148.984 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion: 83 Resp: 1360557
Ion Ratio Lower Upper
83 100
55 79.6 64.0 96.0
98 44.8 36.4 54.6

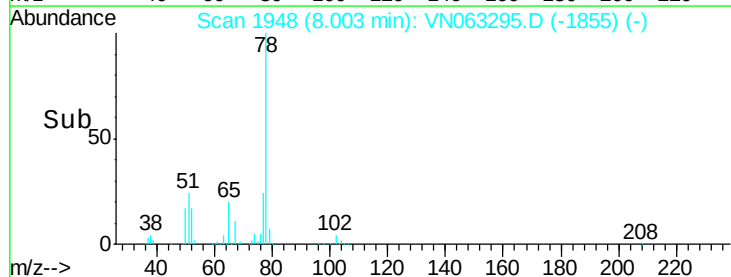
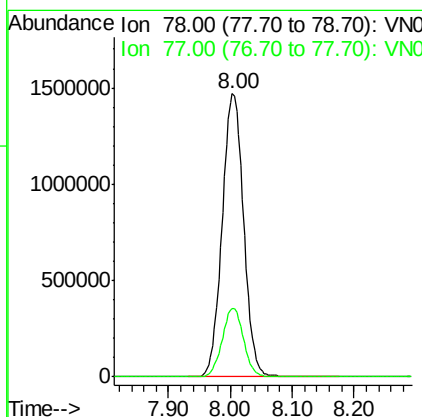
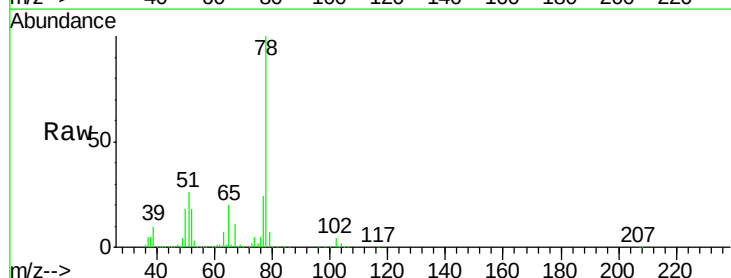
Manual Integrations
APPROVED

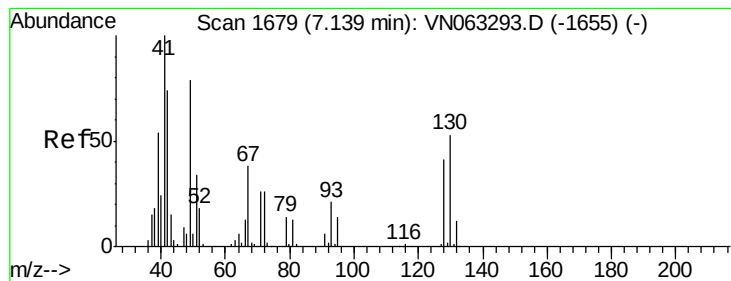
MMDadoda
9/11/2020 2:02:30 PM



#40
Benzene
Concen: 148.359 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 78 Resp: 3538078
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2





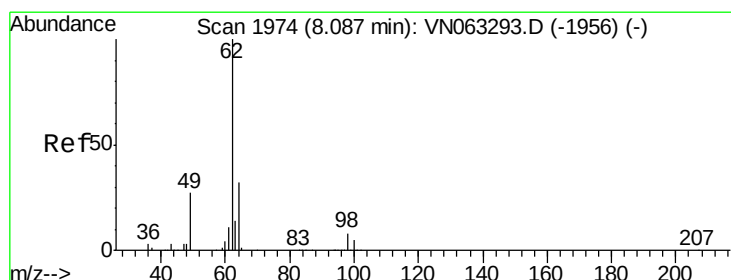
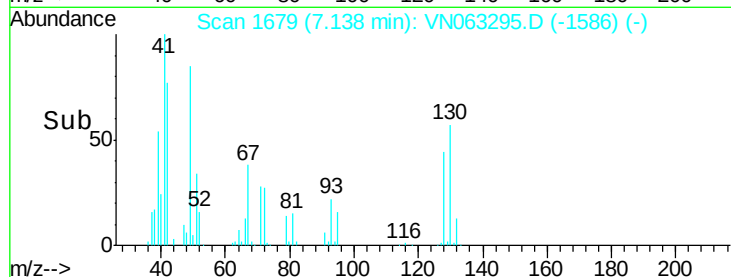
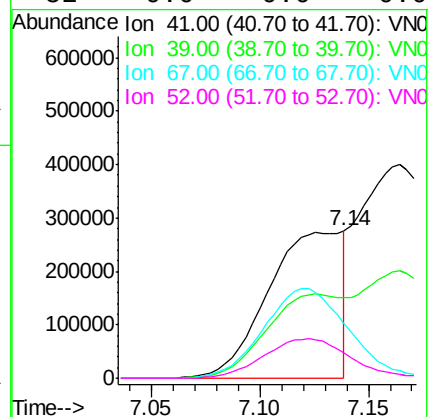
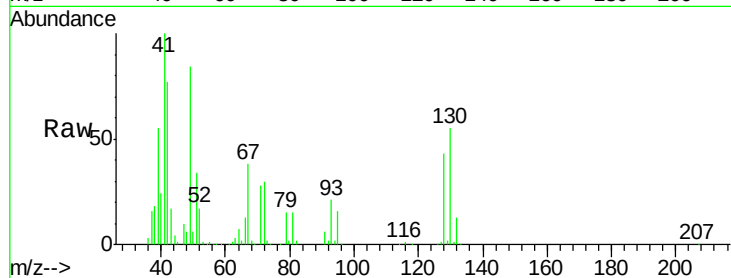
#41
Methacrylonitrile
Concen: 186.692 ug/l m
RT: 7.14 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		658959		
39	0.0	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

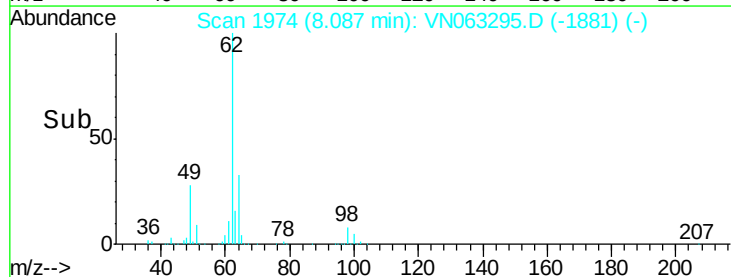
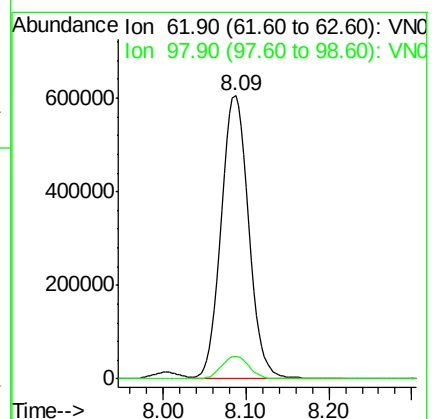
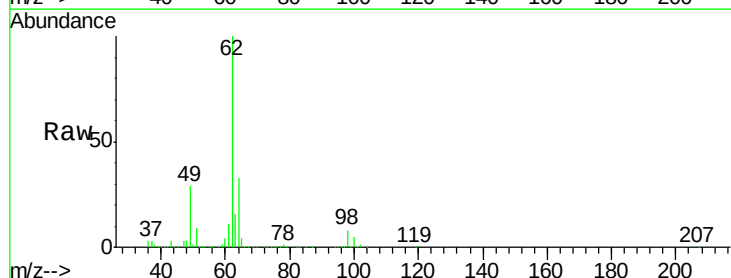
Manual Integrations
APPROVED

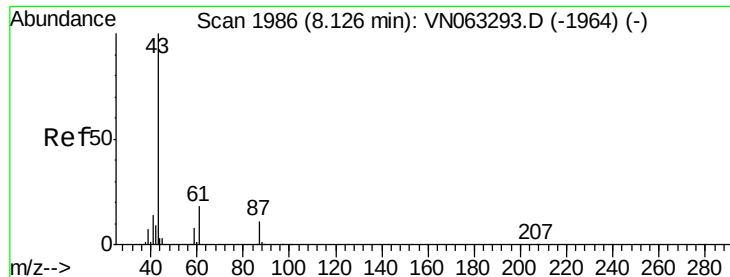
MMDadoda
9/11/2020 2:02:30 PM



#42
1,2-Dichloroethane
Concen: 155.914 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		1395044		
98	8.0	0.0	15.4		





#43

Isopropyl Acetate

Concen: 163.687 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2178725

Ion Ratio Lower Upper

43 100

61 24.7 15.1 22.7#

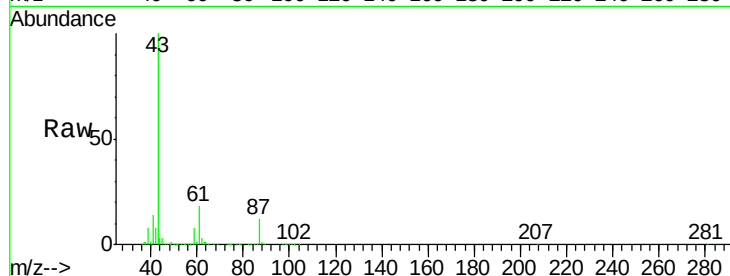
87 11.8 9.2 13.8

Manual Integrations

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MMDadoda

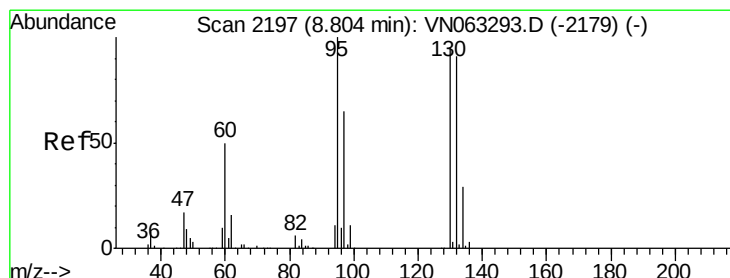
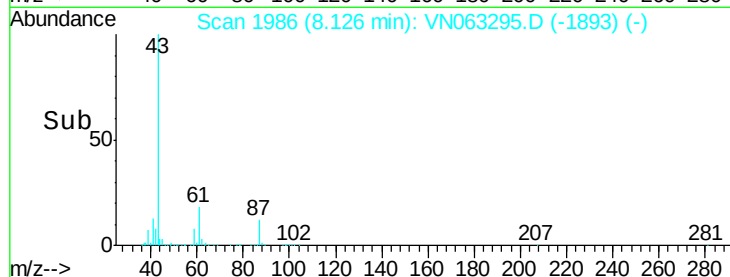
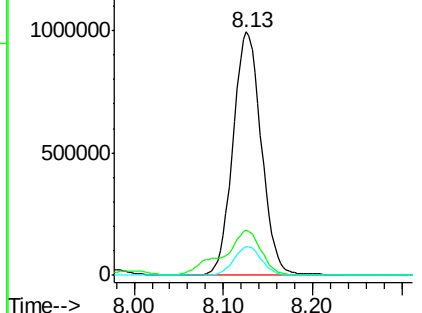
9/11/2020 2:02:30 PM



Abundance Ion 43.00 (42.70 to 43.70): VN063293.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN063293.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN063293.D (-1964) (-)



#44

Trichloroethene

Concen: 156.443 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063295.D

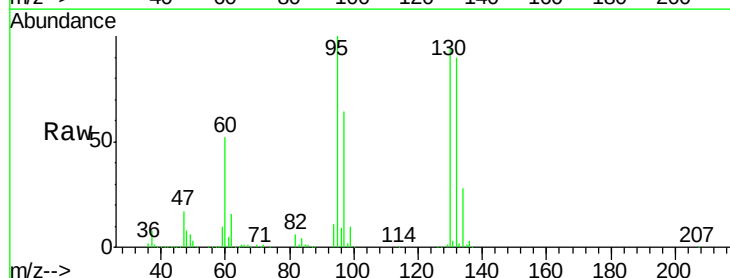
Acq: 10 Sep 2020 14:44

Tgt Ion:130 Resp: 918518

Ion Ratio Lower Upper

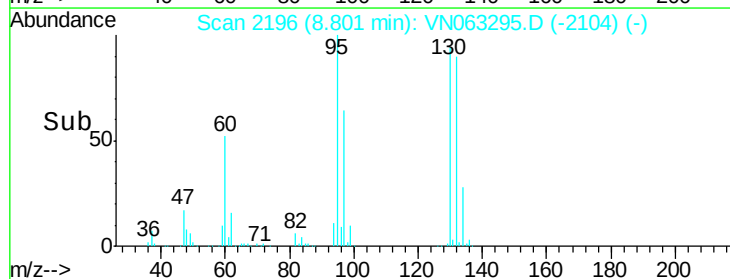
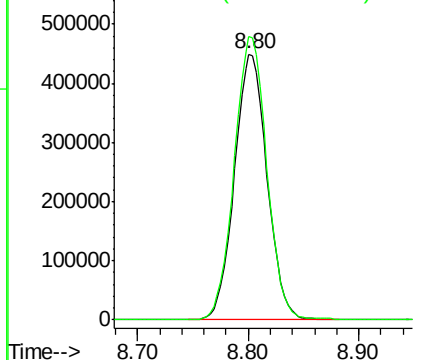
130 100

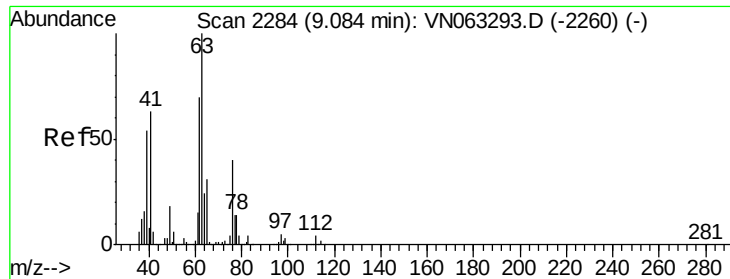
95 106.6 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): VN063293.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063293.D (-2179) (-)





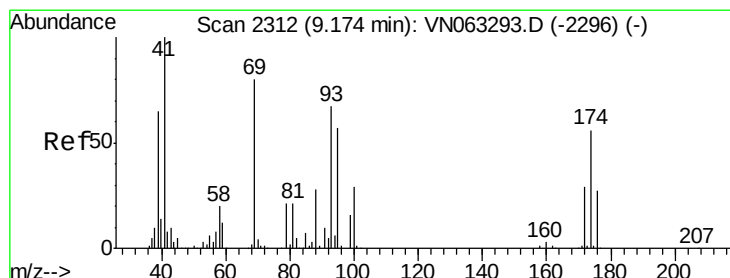
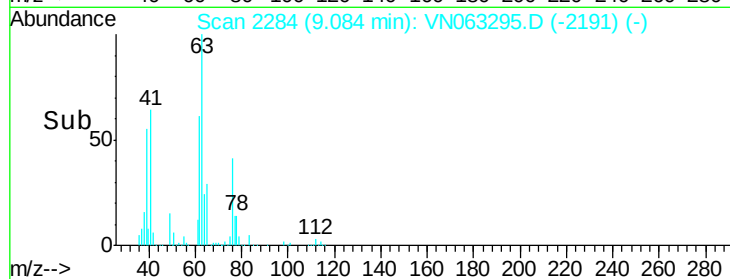
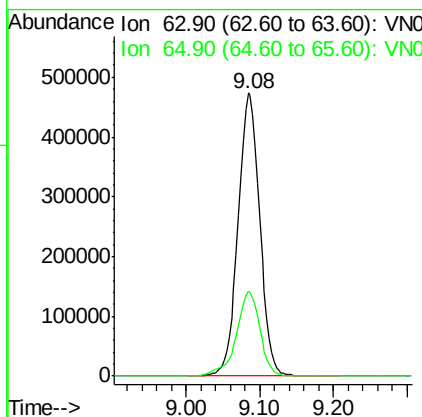
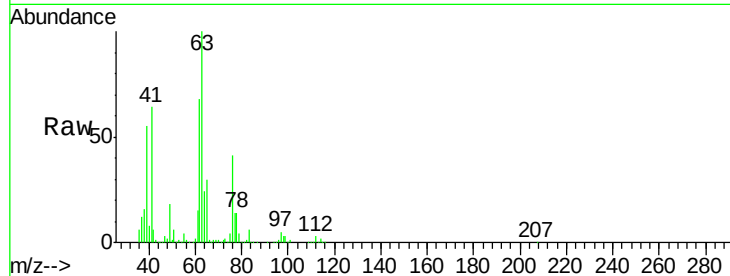
#45
 1,2-Dichloropropane
 Concen: 152.632 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.6	36.8

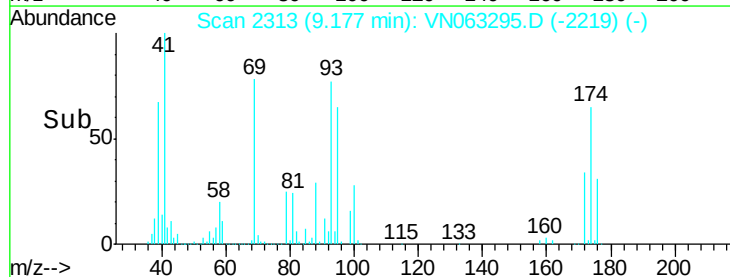
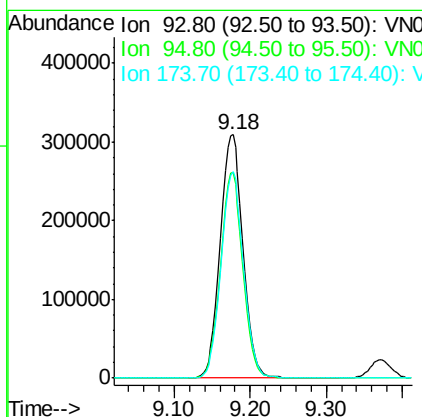
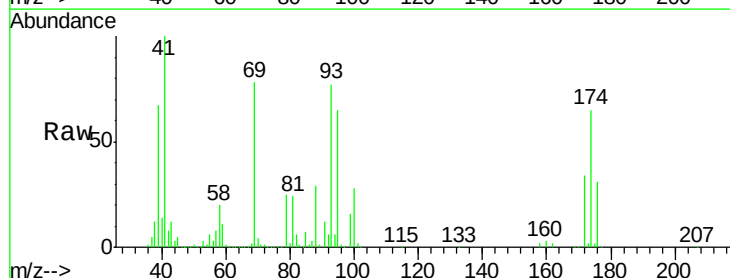
Manual Integrations
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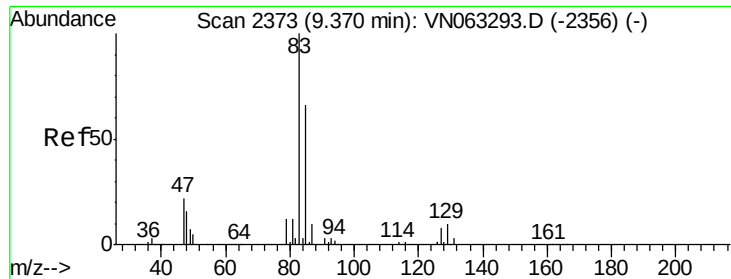
MMDadoda
 9/11/2020 2:02:30 PM



#46
 Dibromomethane
 Concen: 154.744 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.9	101.9
174	83.7	66.9	100.3





#47

Bromodichloromethane

Concen: 152.459 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 83 Resp: 1361057

Ion Ratio Lower Upper

83 100

85 64.8 52.5 78.7

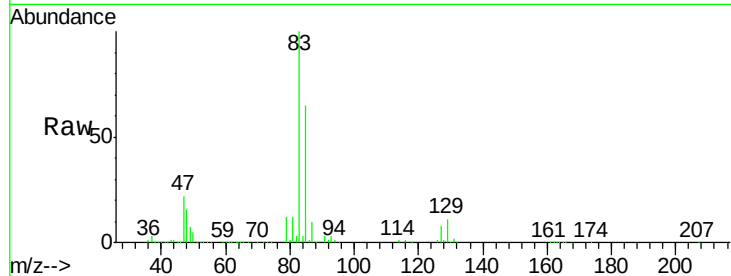
127 8.2 6.6 10.0

Manual Integrations

APPROVED

MMDadoda

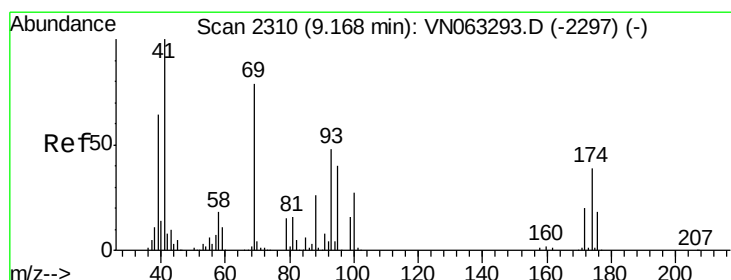
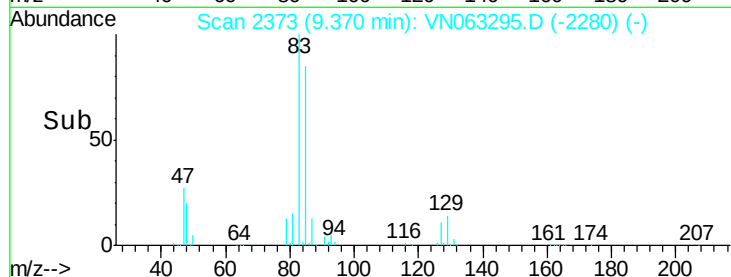
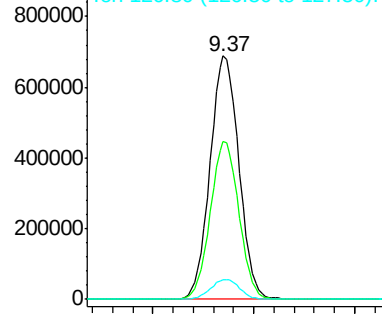
9/11/2020 2:02:30 PM



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 171.989 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

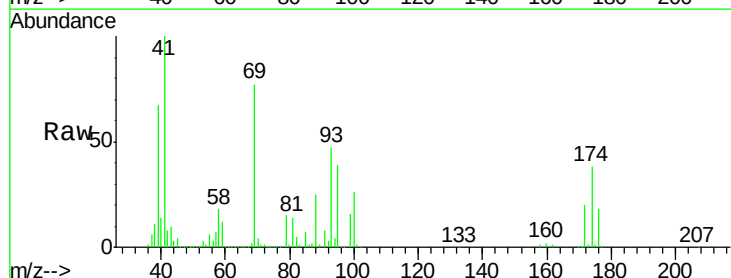
Tgt Ion: 41 Resp: 1036548

Ion Ratio Lower Upper

41 100

69 78.4 63.6 95.4

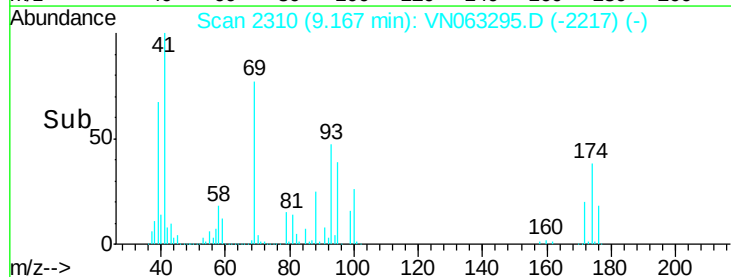
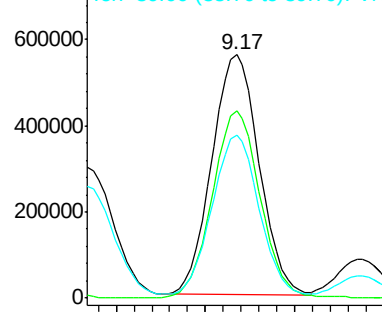
39 68.2 53.2 79.8

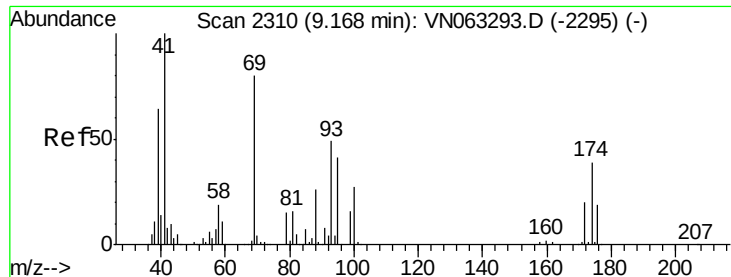


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





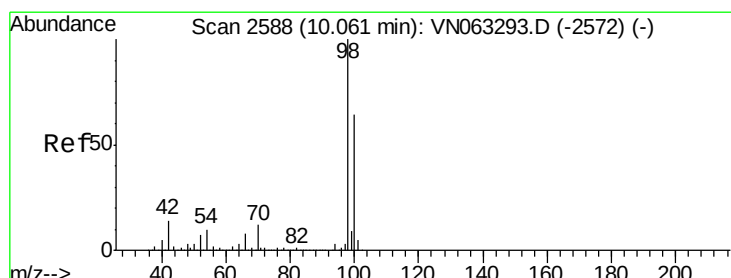
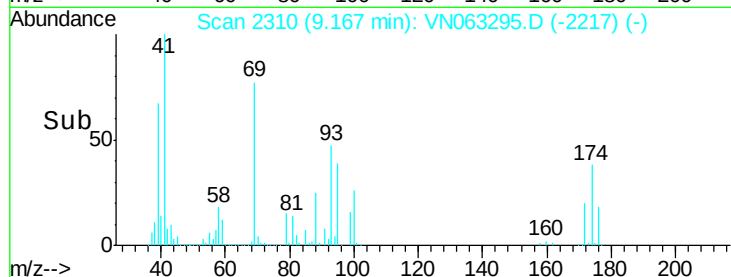
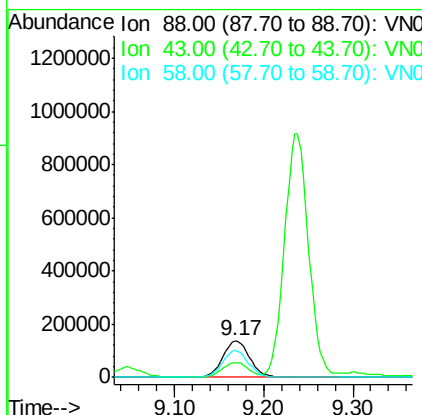
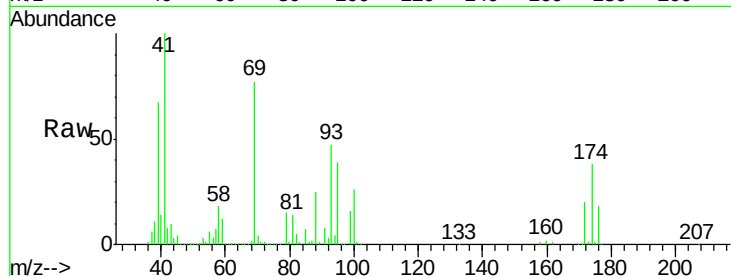
#49
 1,4-Dioxane
 Concen: 3108.726 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100	288243		
43	38.1		30.5	45.7
58	70.9		58.9	88.3

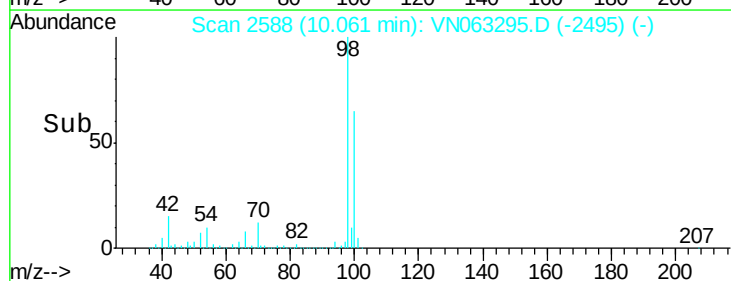
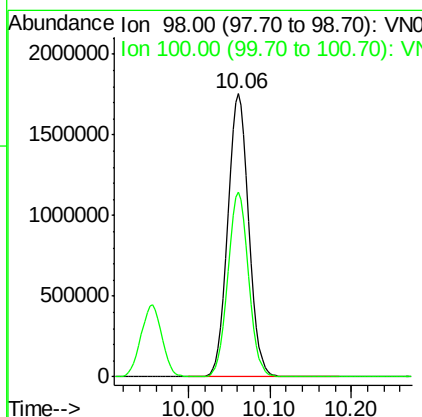
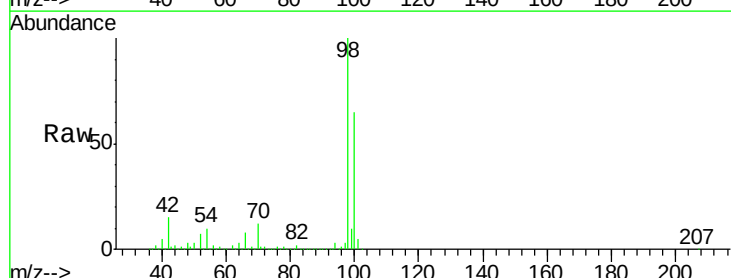
Manual Integrations
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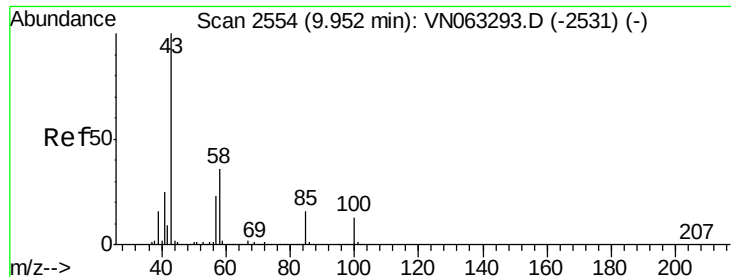
MMDadoda
 9/11/2020 2:02:30 PM



#50
 Toluene-d8
 Concen: 153.352 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	3190459		
100	64.6		50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 748.627 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 5420097

Ion Ratio Lower Upper

43 100

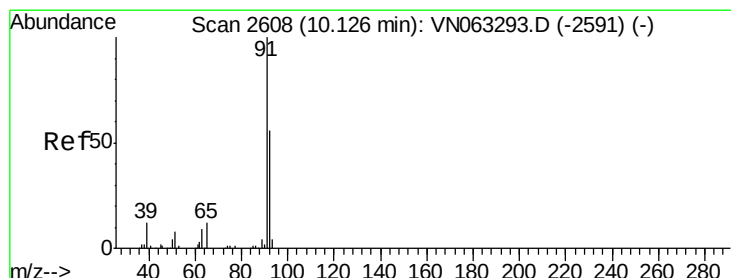
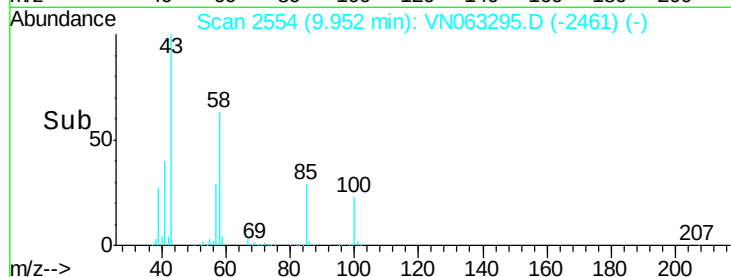
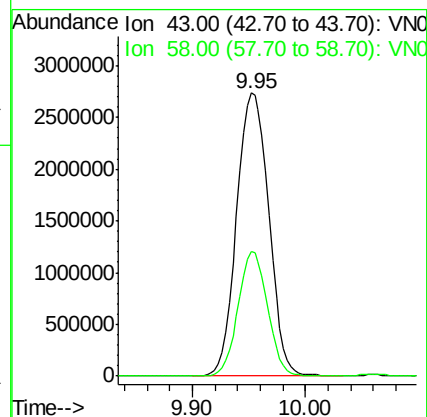
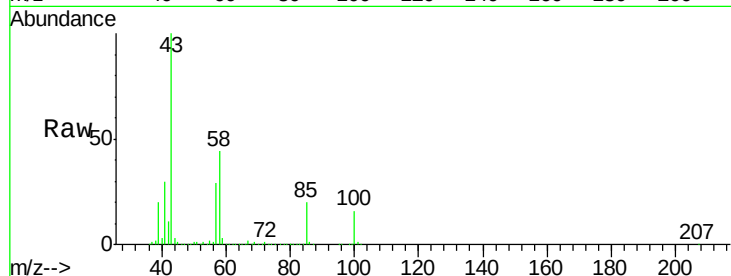
58 40.4 29.0 43.4

Manual Integrations

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MMDadoda

9/11/2020 2:02:30 PM



#52

Toluene

Concen: 149.821 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063295.D

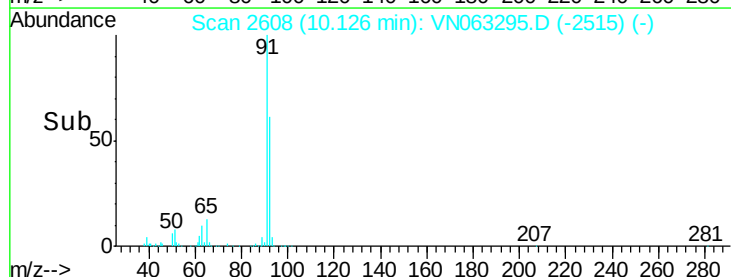
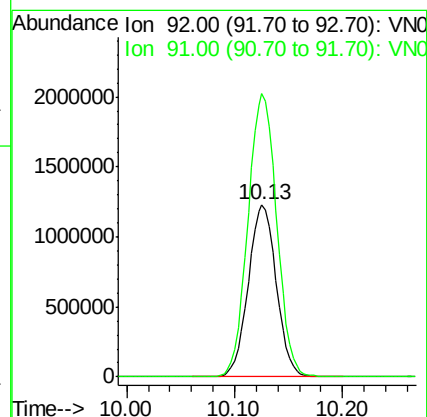
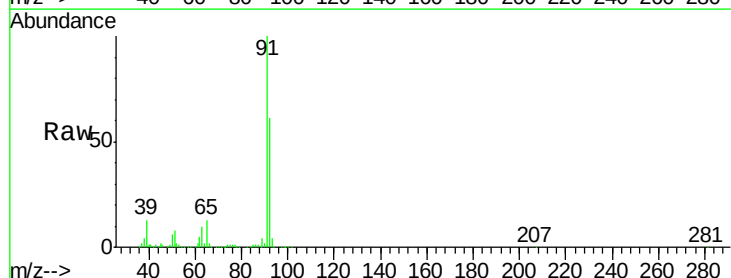
Acq: 10 Sep 2020 14:44

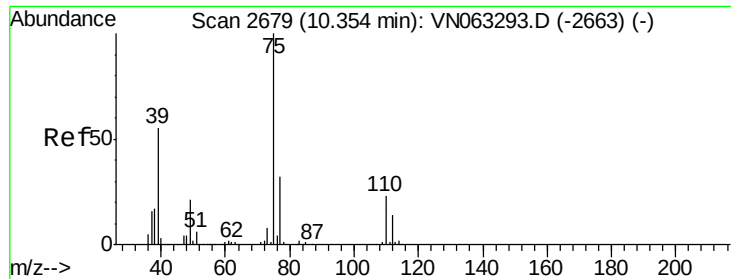
Tgt Ion: 92 Resp: 2217036

Ion Ratio Lower Upper

92 100

91 169.5 141.2 211.8





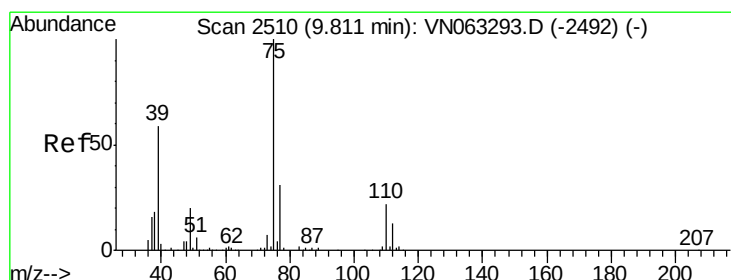
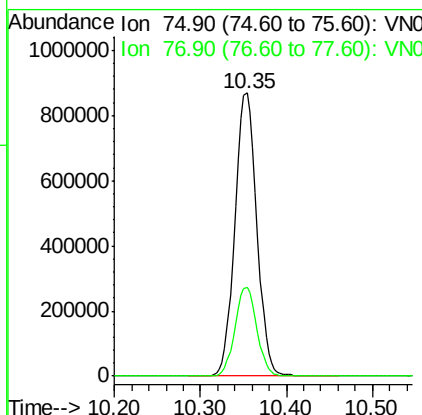
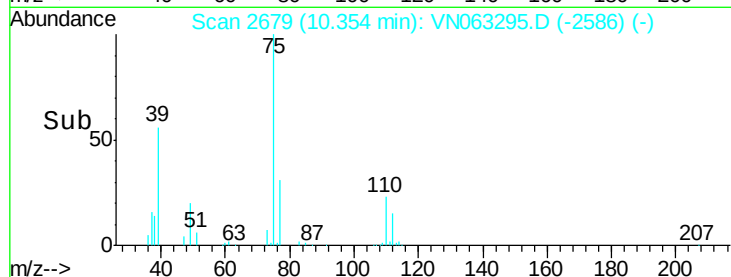
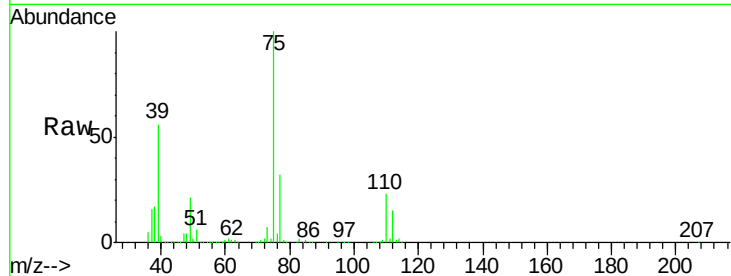
#53
 t-1,3-Dichloropropene
 Concen: 157.734 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 1533952
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.7 38.5

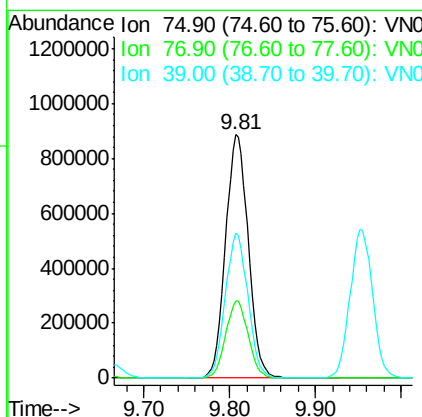
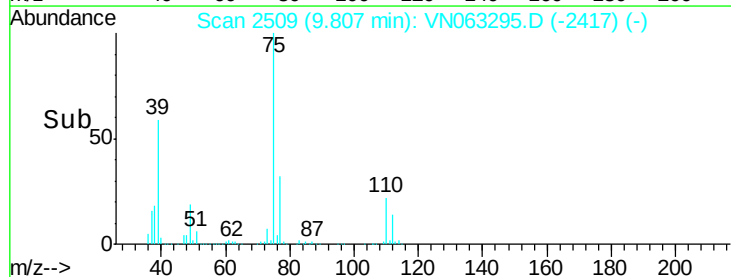
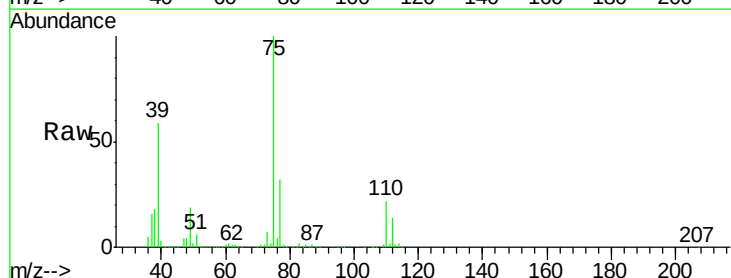
Manual Integrations
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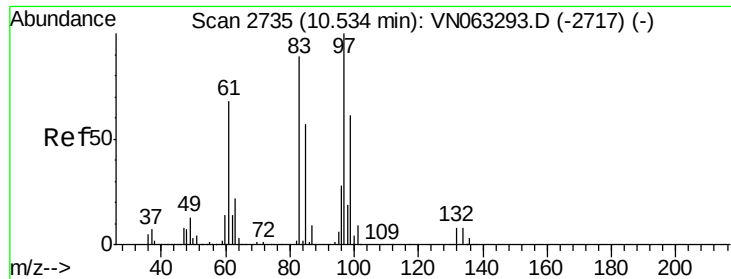
MMDadoda
 9/11/2020 2:02:30 PM



#54
 cis-1,3-Dichloropropene
 Concen: 157.932 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion: 75 Resp: 1629451
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.7 37.1
 39 59.3 47.2 70.8





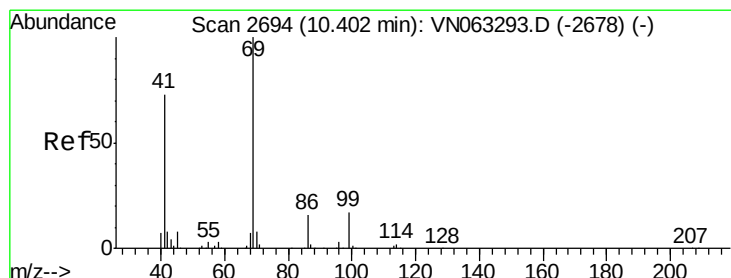
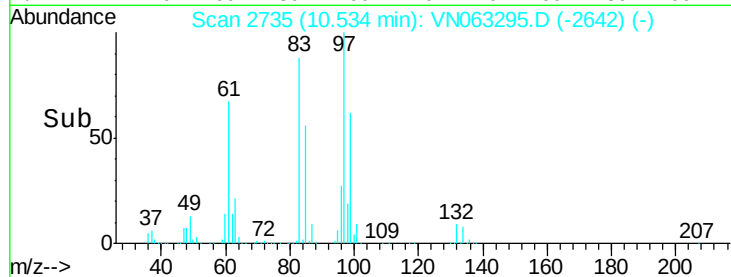
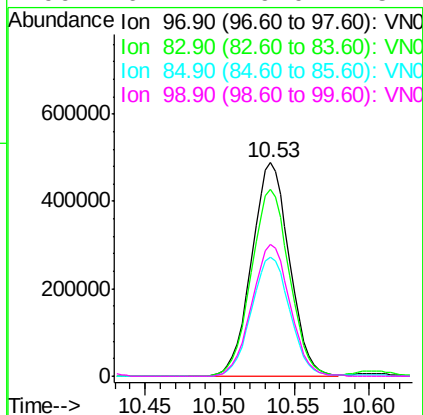
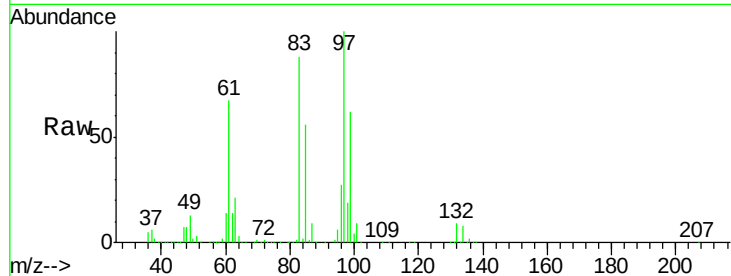
#55
 1,1,2-Trichloroethane
 Concen: 151.090 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	858420
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.8	106.2
85	55.9	45.6	68.4
99	61.7	49.0	73.4

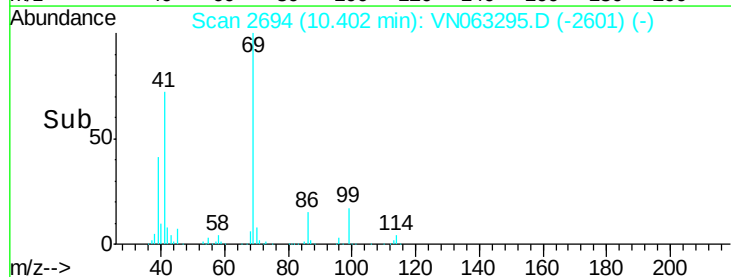
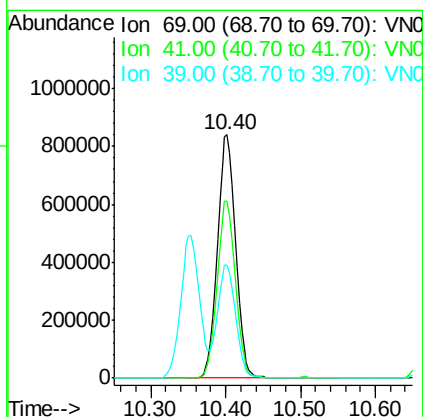
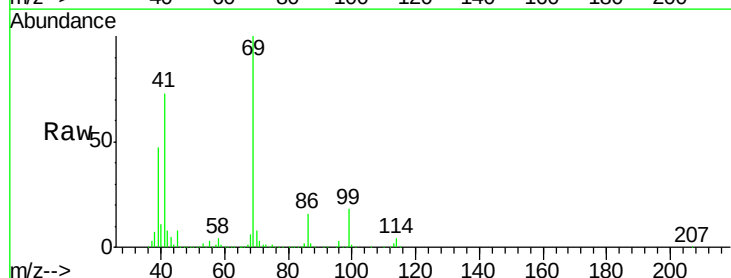
Manual Integrations
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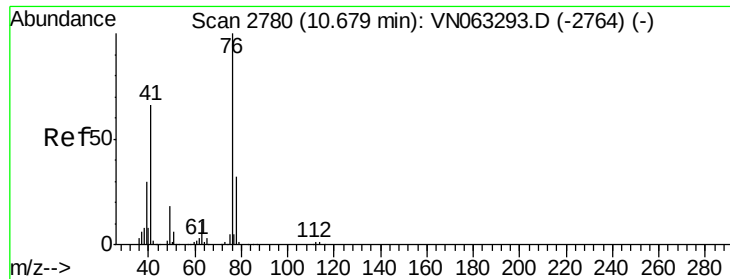
MMDadoda
 9/11/2020 2:02:30 PM



#56
 Ethyl methacrylate
 Concen: 163.947 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion:	69	Resp:	1420366
Ion	Ratio	Lower	Upper
69	100		
41	72.5	58.4	87.6
39	47.1	38.6	58.0





#57

1,3-Dichloropropane

Concen: 151.738 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1530905

Ion Ratio Lower Upper

76 100

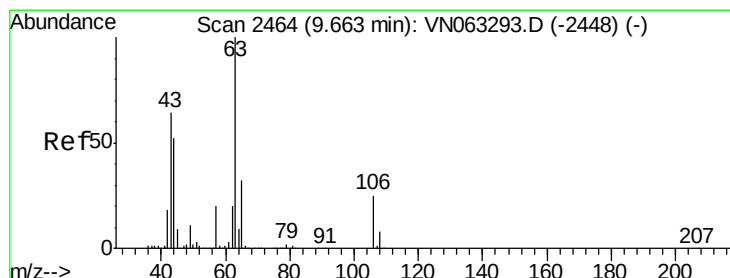
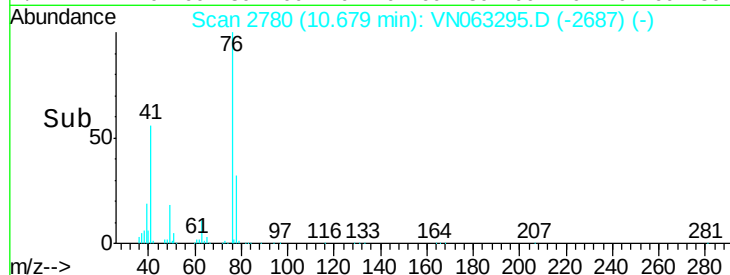
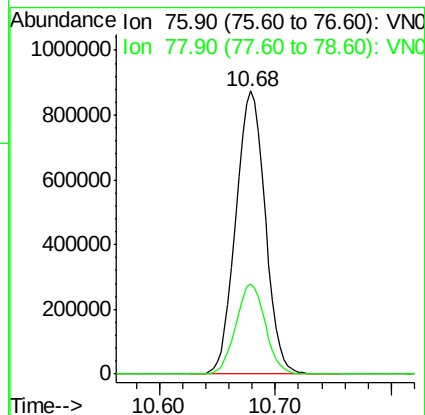
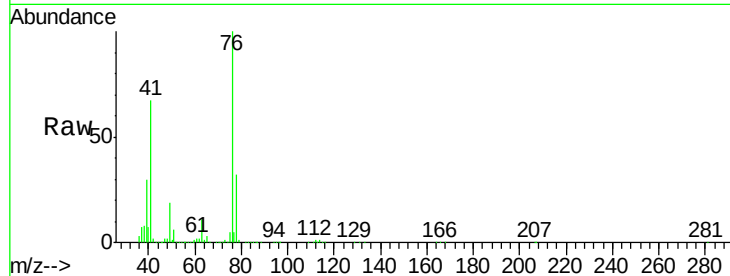
78 31.9 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

9/11/2020 2:02:30 PM



#58

2-Chloroethyl Vinyl ether

Concen: 758.194 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063295.D

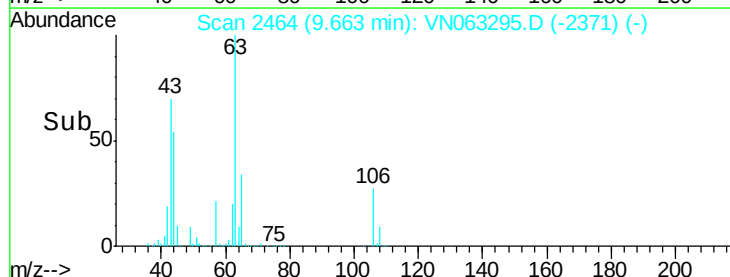
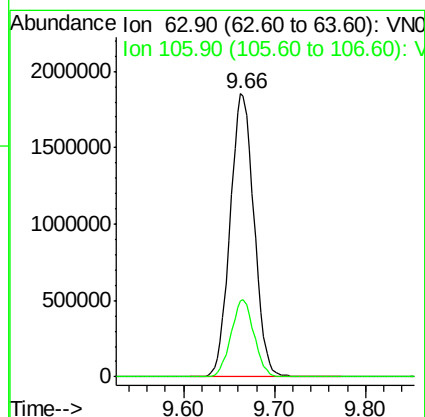
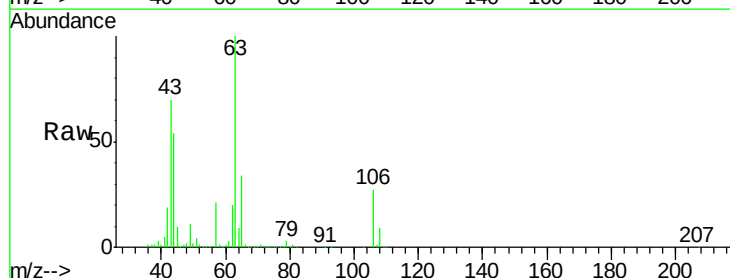
Acq: 10 Sep 2020 14:44

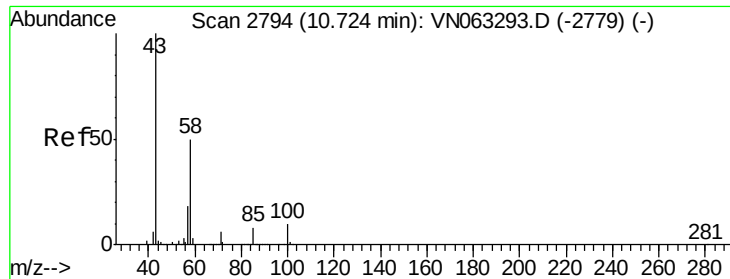
Tgt Ion: 63 Resp: 3378435

Ion Ratio Lower Upper

63 100

106 26.3 20.2 30.4





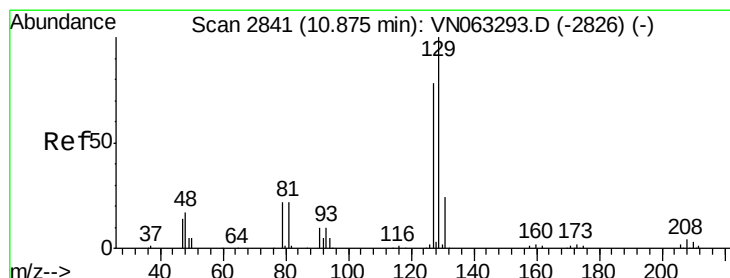
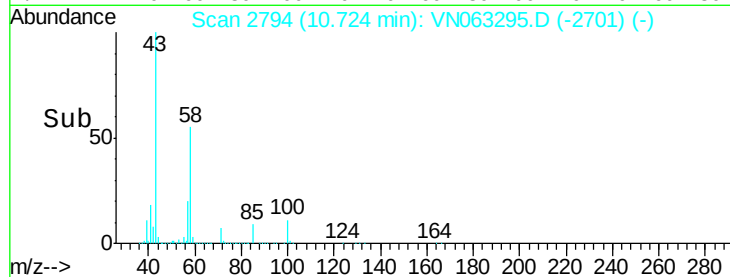
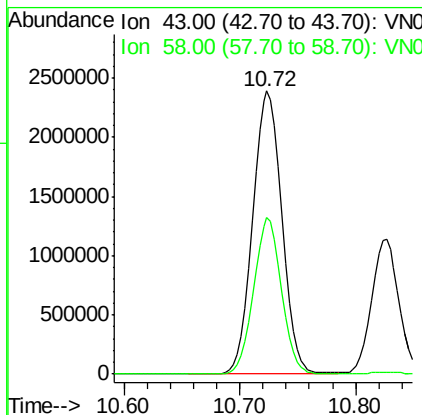
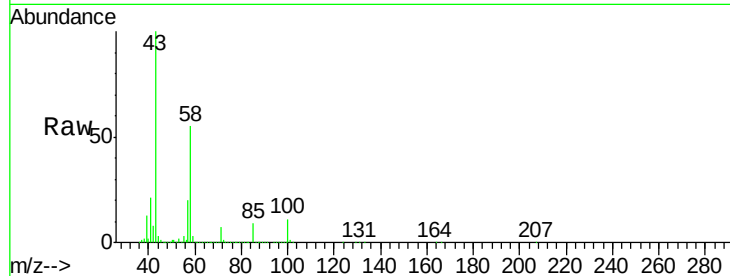
#59
2-Hexanone
Concen: 822.748 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 4202488
Ion Ratio Lower Upper
43 100
58 52.7 25.1 75.3

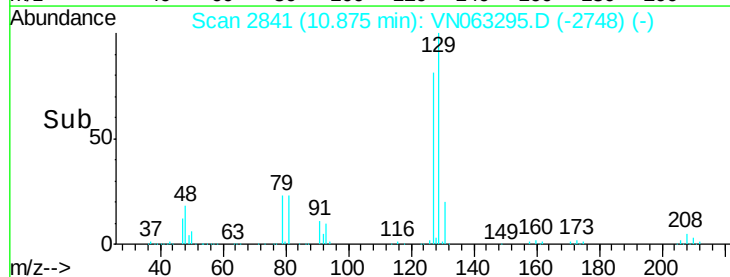
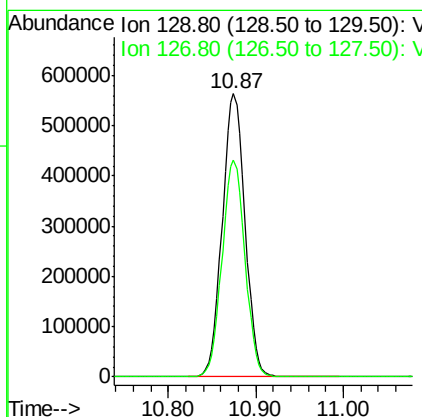
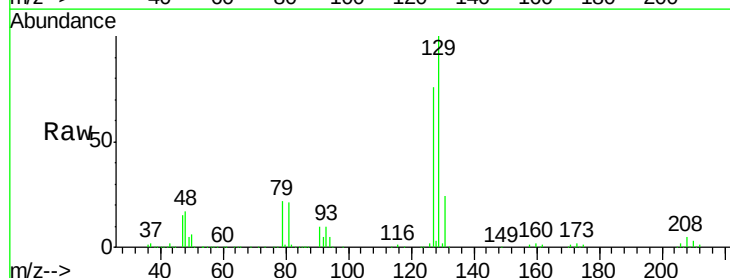
Manual Integrations
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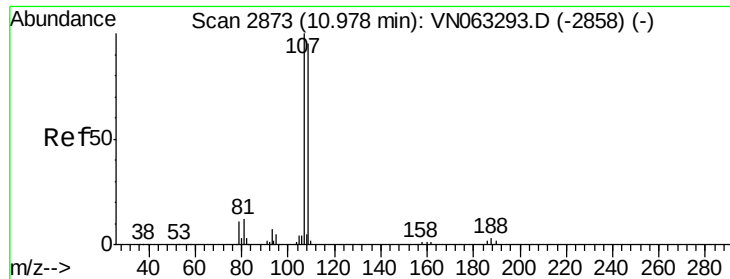
MMDadoda
9/11/2020 2:02:30 PM



#60
Dibromochloromethane
Concen: 162.480 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 129 Resp: 1020161
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 154.438 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:107 Resp: 907958

Ion Ratio Lower Upper

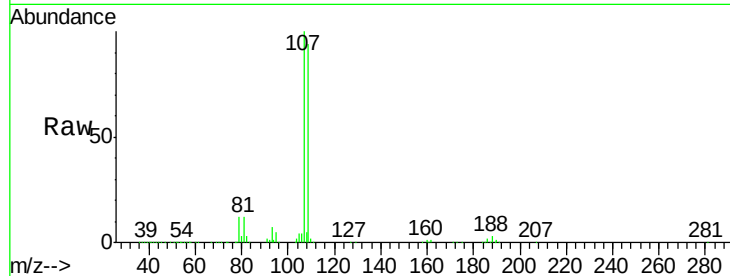
107 100

109 94.7 75.5 113.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

500000

400000

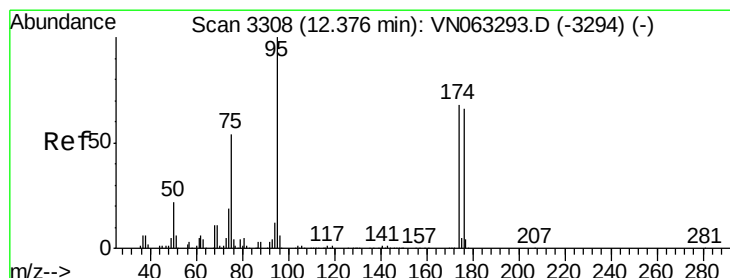
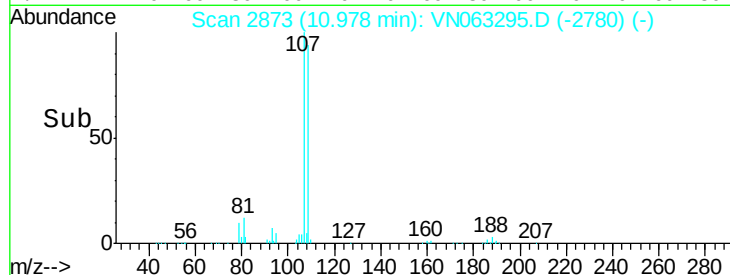
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 165.962 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

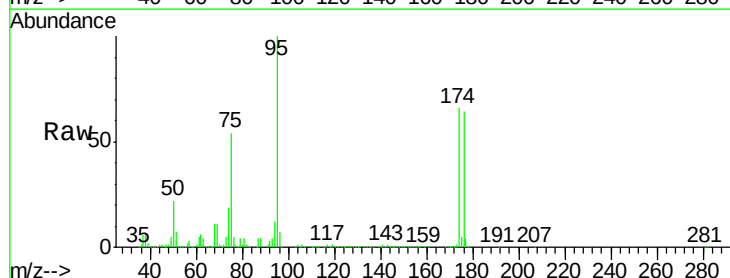
Tgt Ion: 95 Resp: 1216445

Ion Ratio Lower Upper

95 100

174 67.9 0.0 136.6

176 65.8 0.0 132.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

1000000

800000

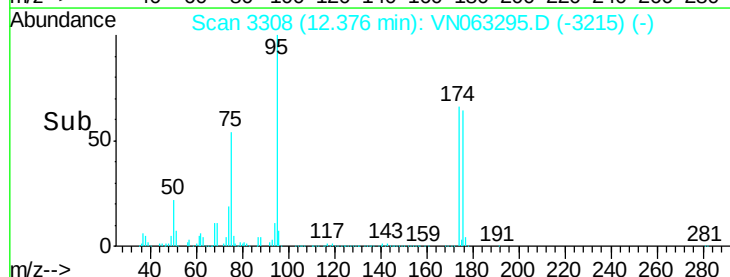
600000

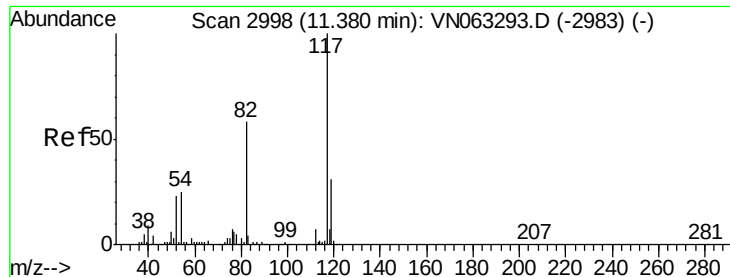
400000

200000

0

Time-->





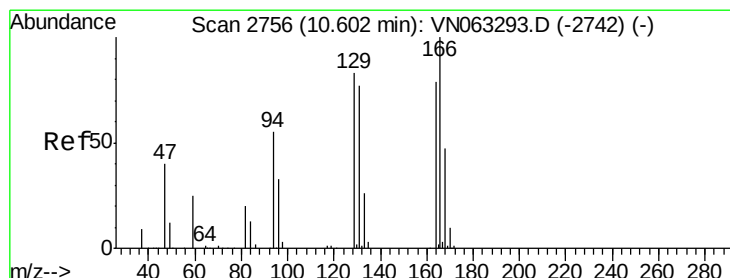
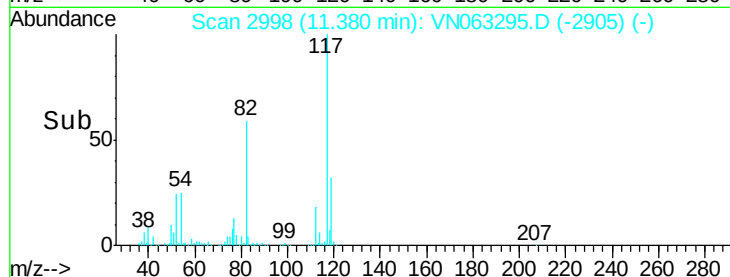
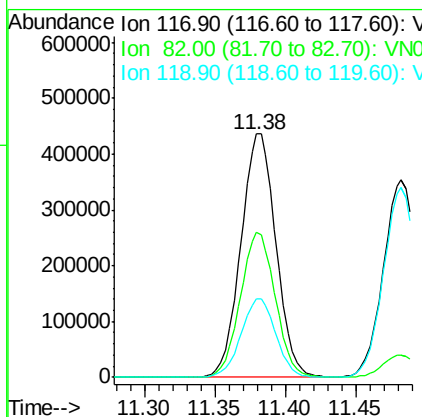
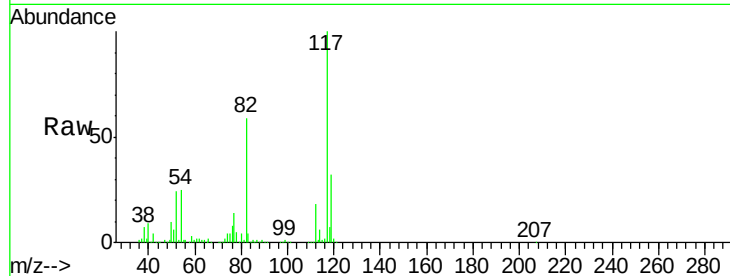
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	46.4	69.6
119	32.1	24.8	37.2

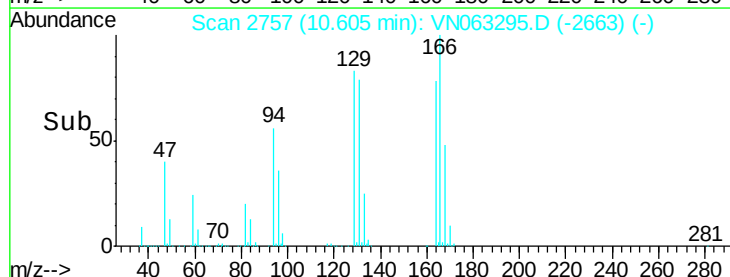
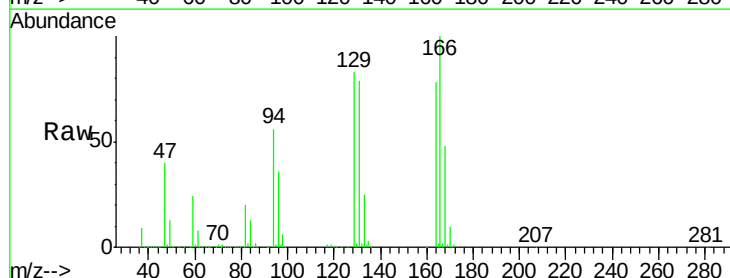
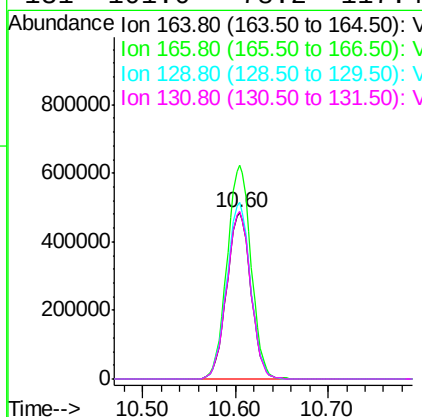
Manual Integrations
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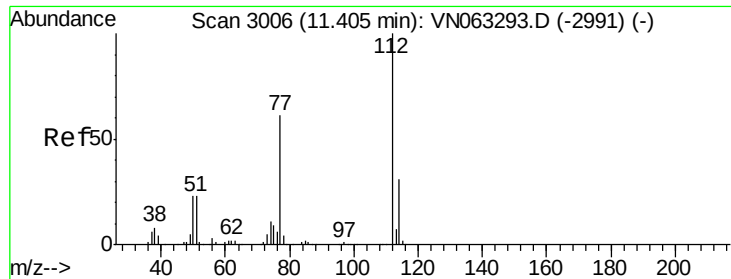
MMDadoda
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#64
Tetrachloroethene
Concen: 156.455 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	101.3	151.9
129	106.6	83.7	125.5
131	101.0	78.2	117.4





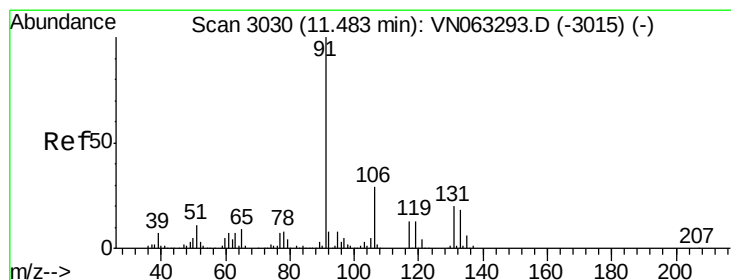
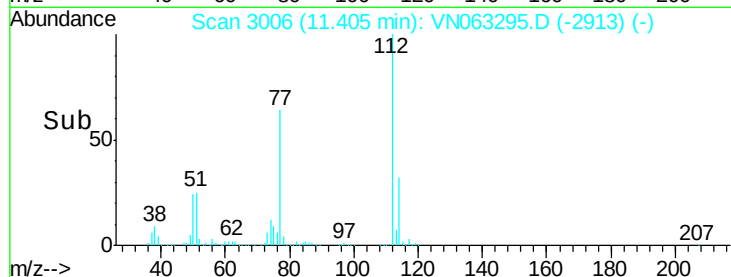
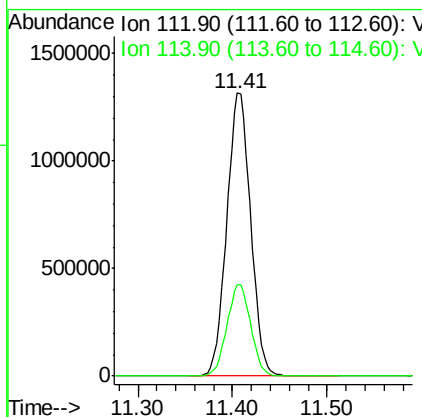
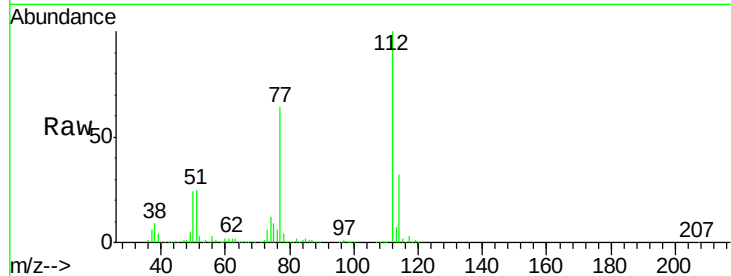
#65
Chlorobenzene
Concen: 150.930 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 2305804
Ion Ratio Lower Upper
112 100
114 32.2 24.6 36.8

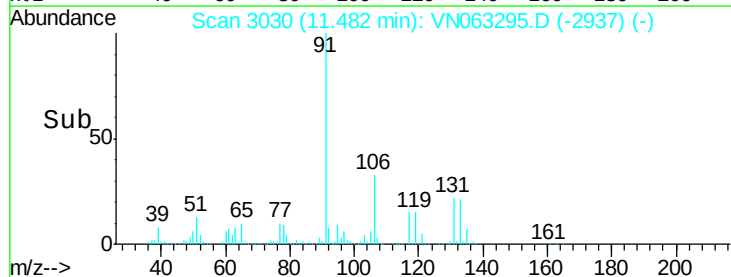
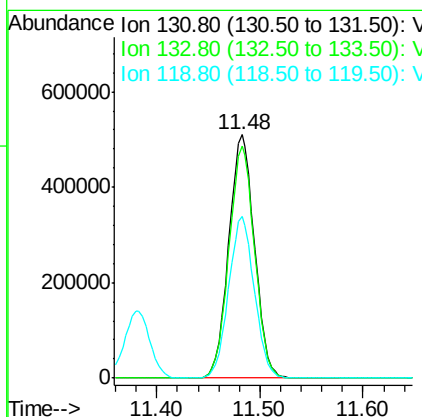
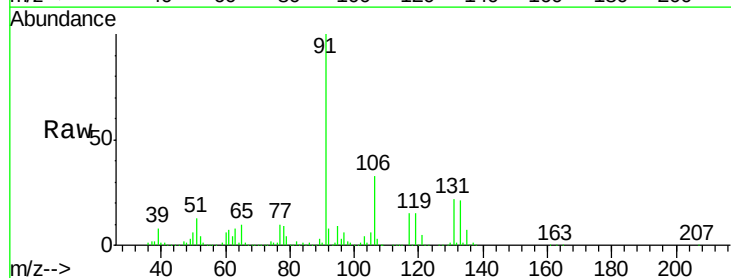
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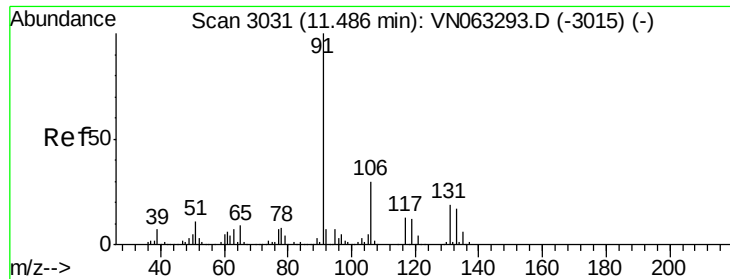
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#66
1,1,1,2-Tetrachloroethane
Concen: 156.980 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion:131 Resp: 885297
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.2
119 66.3 33.8 101.3





#67

Ethyl Benzene

Concen: 147.314 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 4102832

Ion Ratio Lower Upper

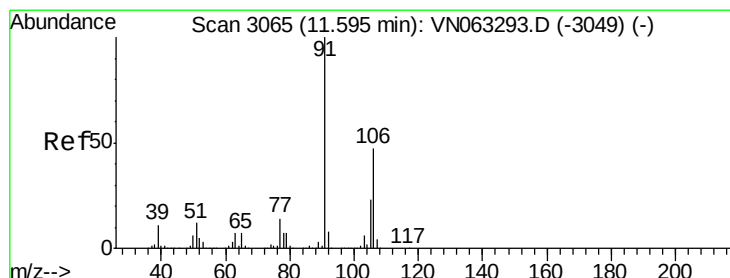
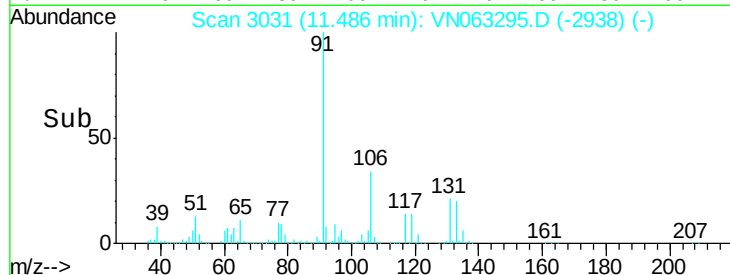
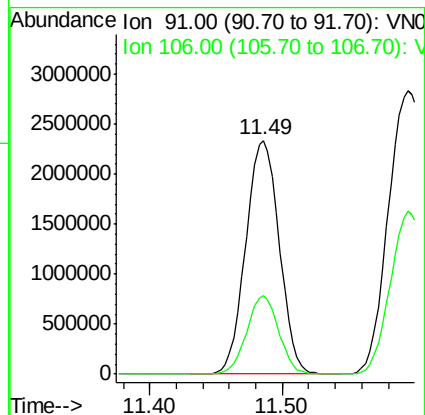
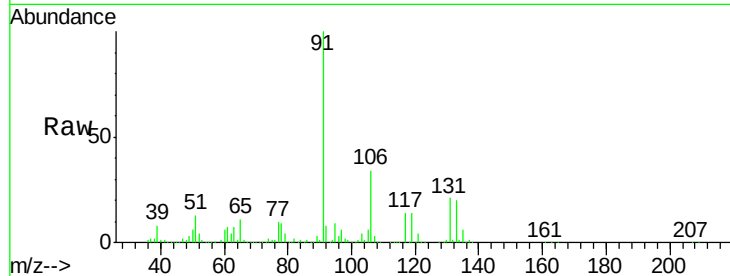
91 100

106 33.5 23.8 35.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 308.890 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063295.D

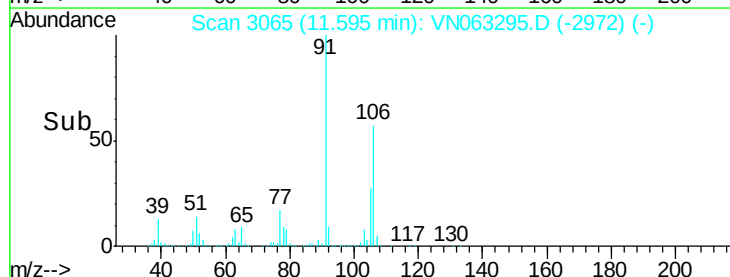
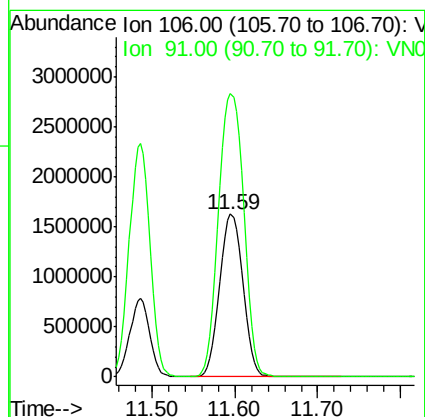
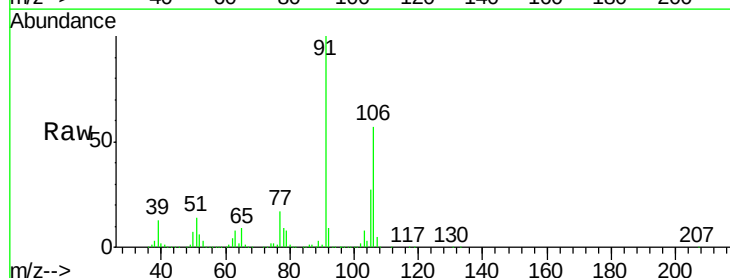
Acq: 10 Sep 2020 14:44

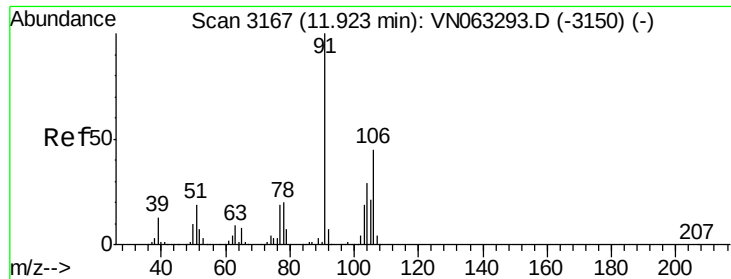
Tgt Ion: 106 Resp: 3175611

Ion Ratio Lower Upper

106 100

91 189.4 169.8 254.8





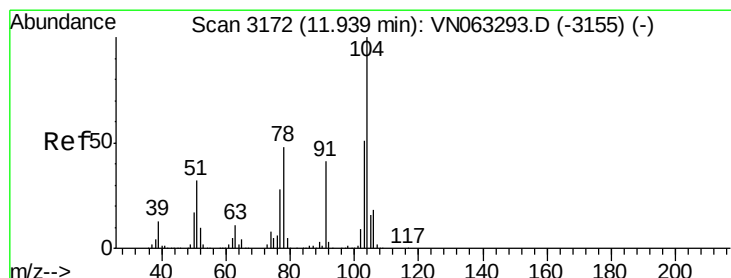
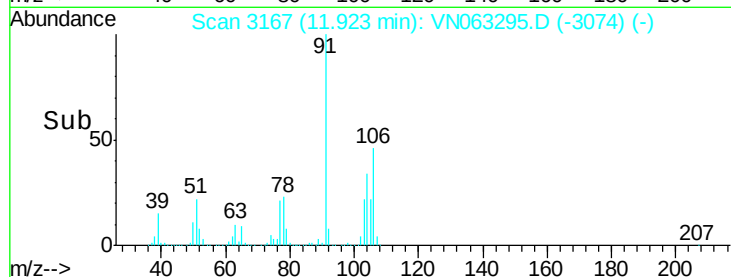
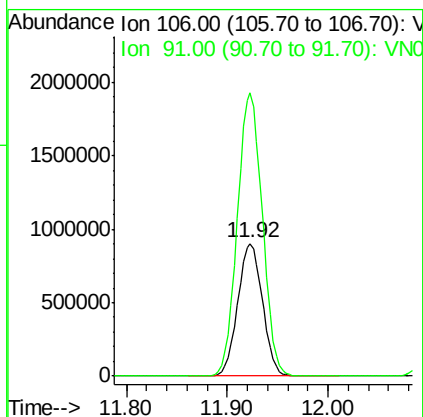
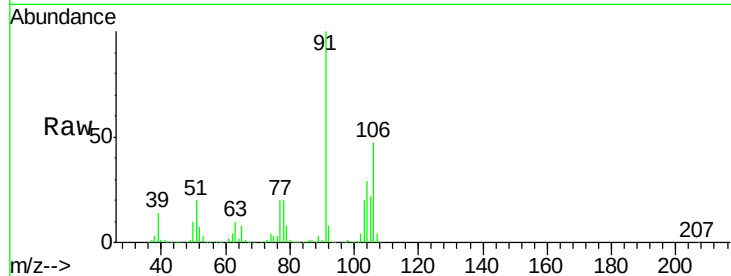
#69
o-Xylene
Concen: 153.710 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1527031
Ion Ratio Lower Upper
106 100
91 216.5 111.5 334.4

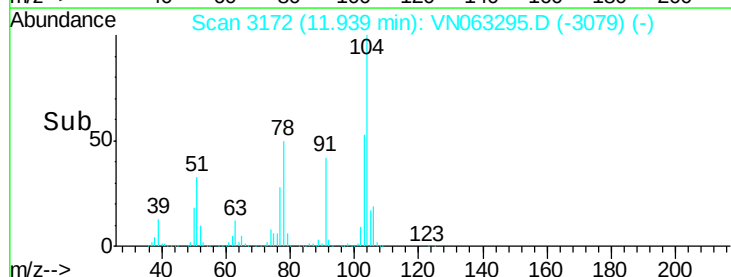
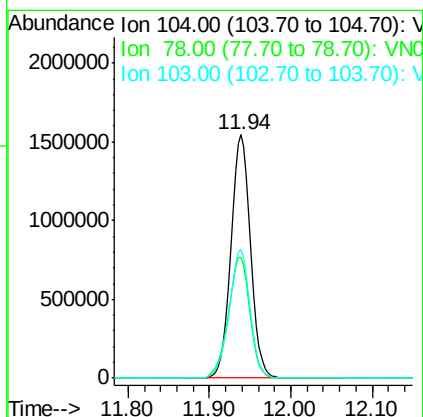
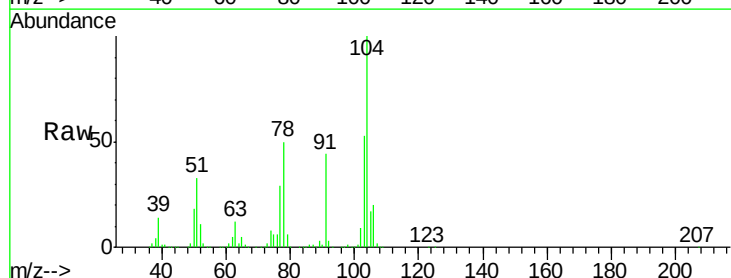
Manual Integrations
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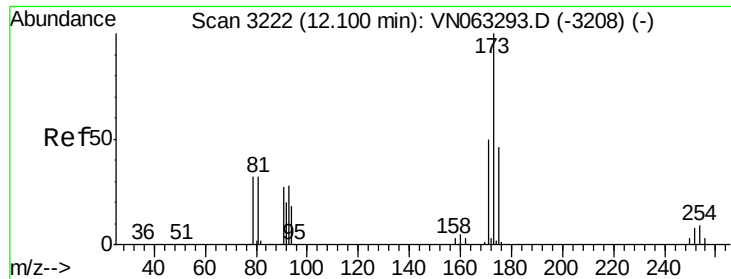
MMDadoda
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#70
Styrene
Concen: 153.641 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion:104 Resp: 2614795
Ion Ratio Lower Upper
104 100
78 54.7 42.9 64.3
103 56.3 44.2 66.2





#71

Bromoform

Concen: 168.797 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

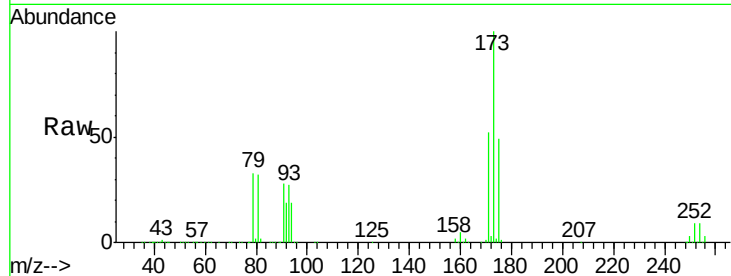
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.8	71.5
254	0.1	0.0	0.0

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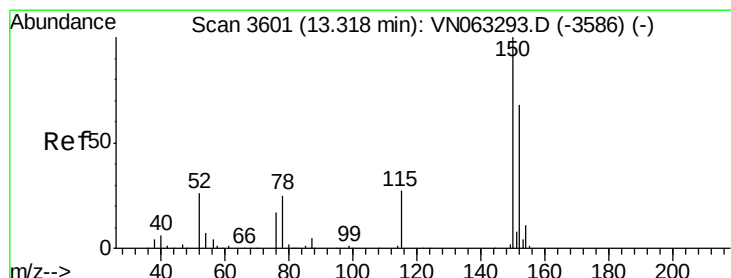
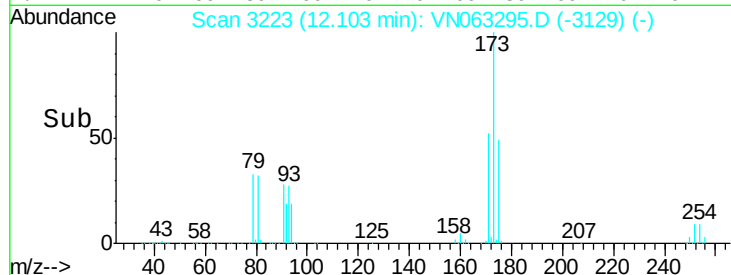
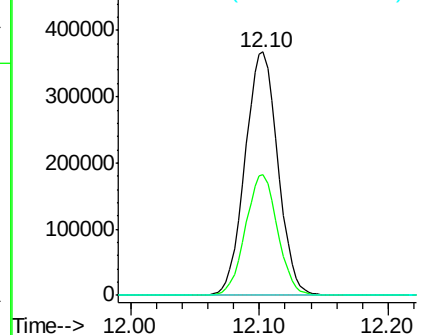


Abundance

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

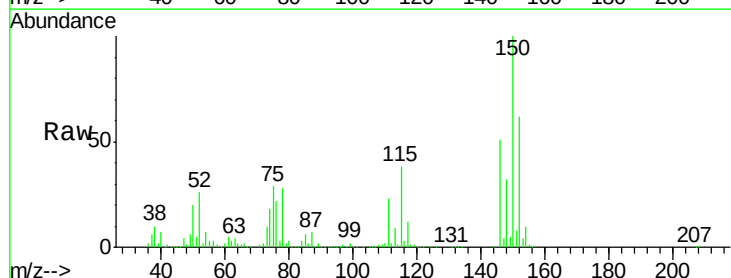
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.5	94.5
150	203.8	0.0	344.0

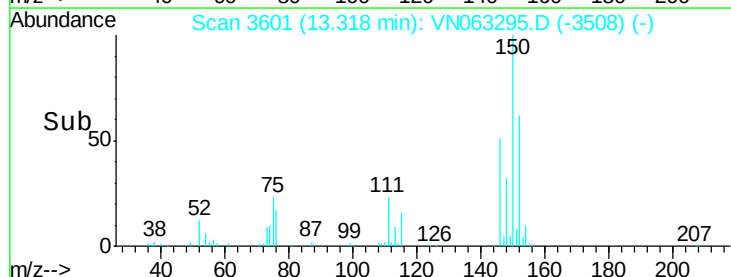
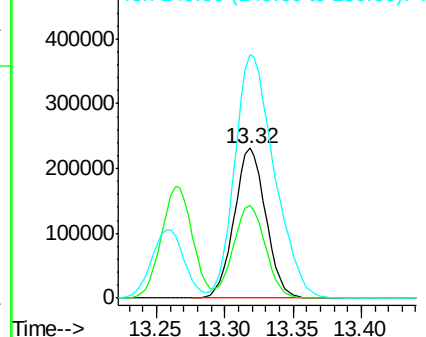


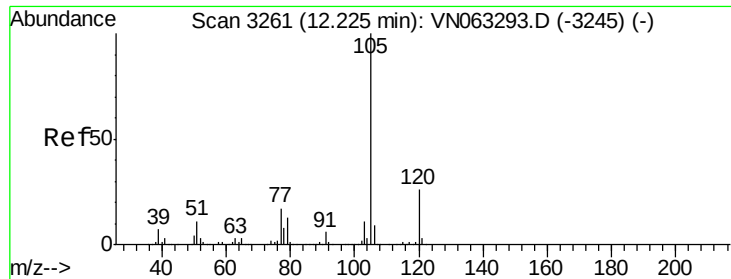
Abundance

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: 140.234 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3950350

Ion Ratio Lower Upper

105 100

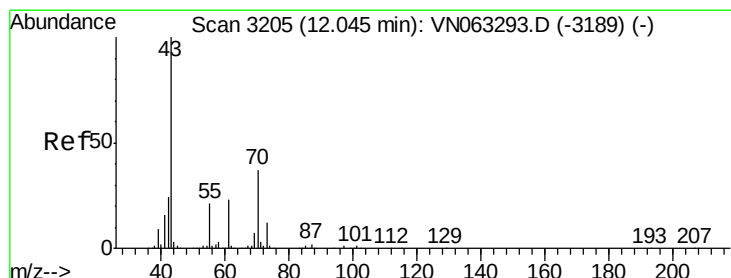
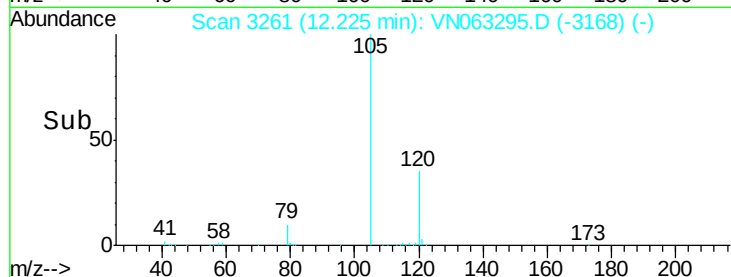
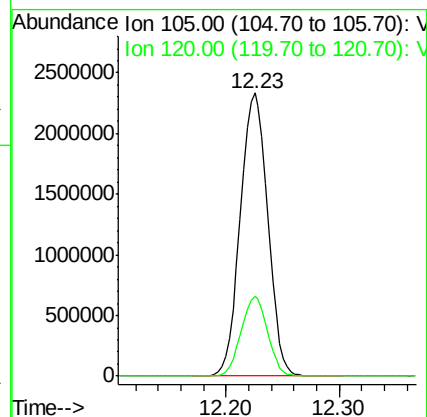
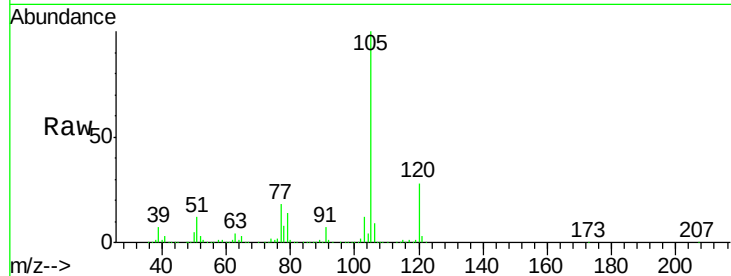
120 27.2 13.0 38.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 168.337 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Tgt Ion: 43 Resp: 1981688

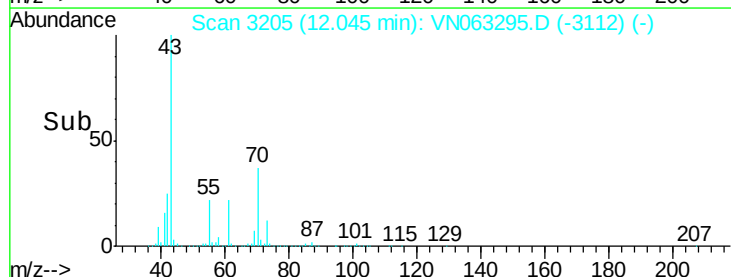
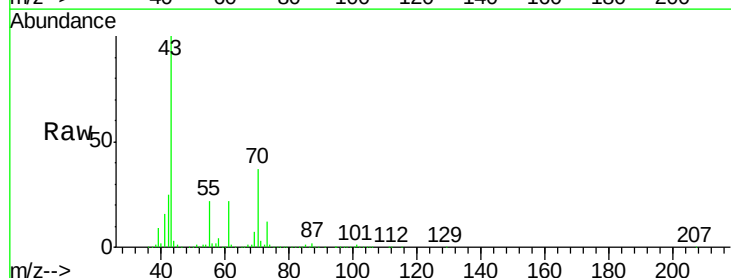
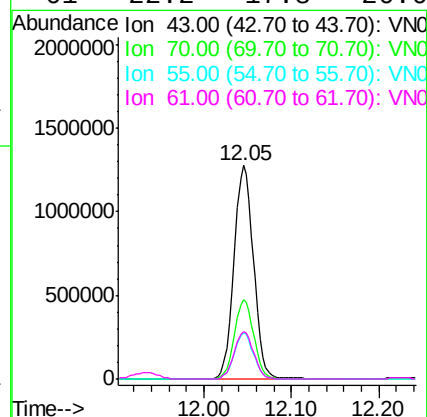
Ion Ratio Lower Upper

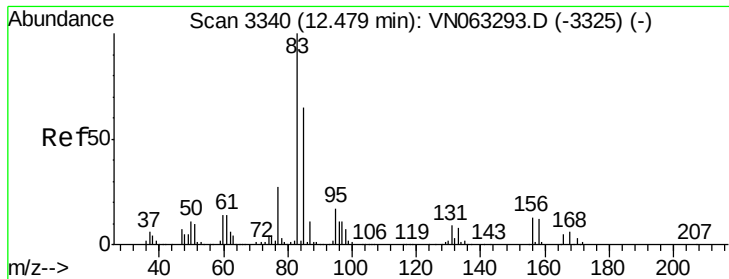
43 100

70 36.8 29.3 43.9

55 21.3 17.0 25.6

61 22.2 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 146.463 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 83 Resp: 1185661

Ion Ratio Lower Upper

83 100

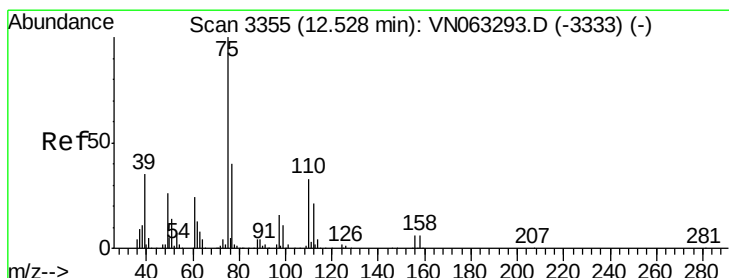
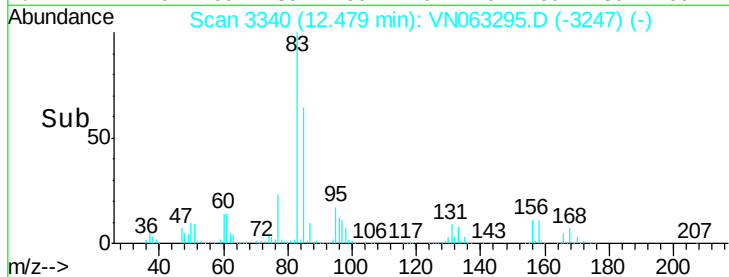
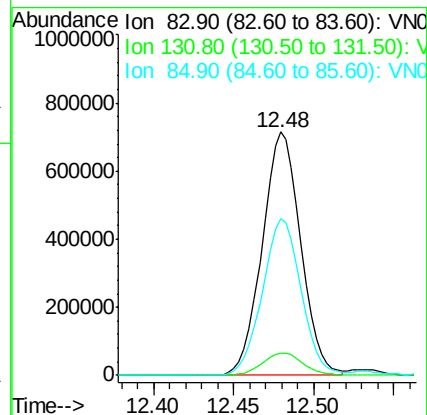
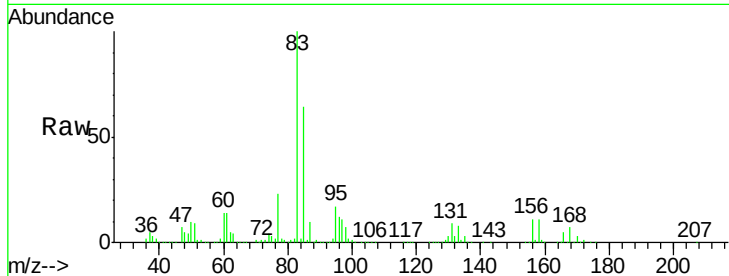
131 9.7 4.7 14.1

85 64.7 32.0 96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 146.597 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063295.D

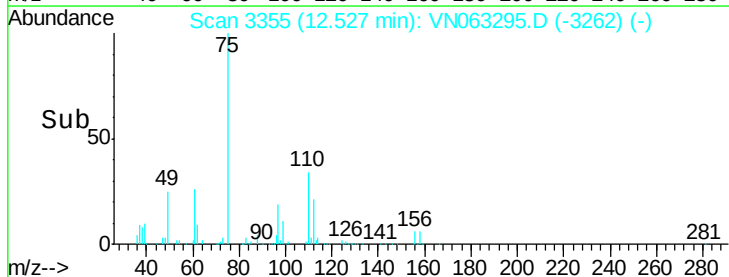
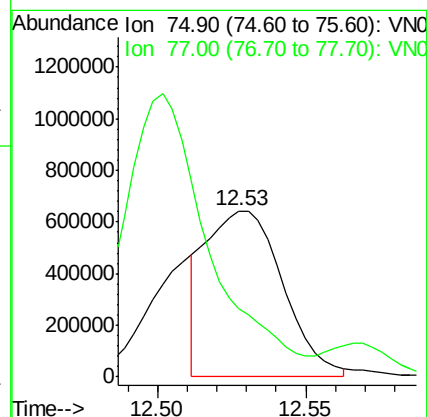
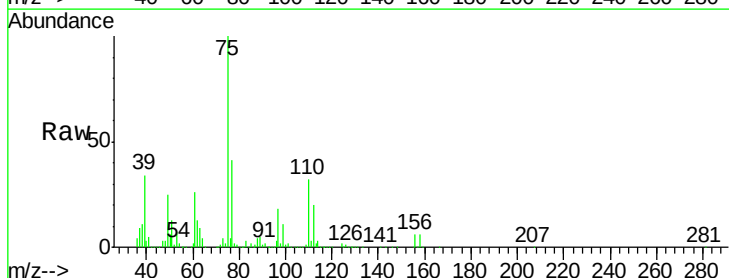
Acq: 10 Sep 2020 14:44

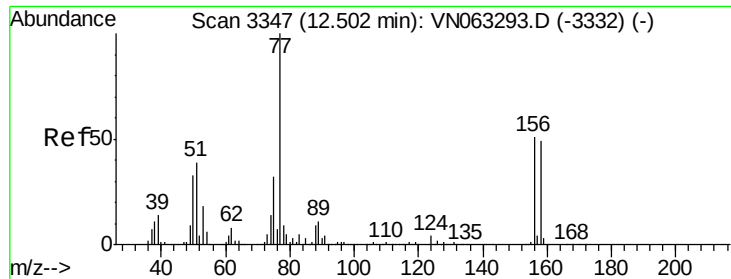
Tgt Ion: 75 Resp: 1161322

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 146.792 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

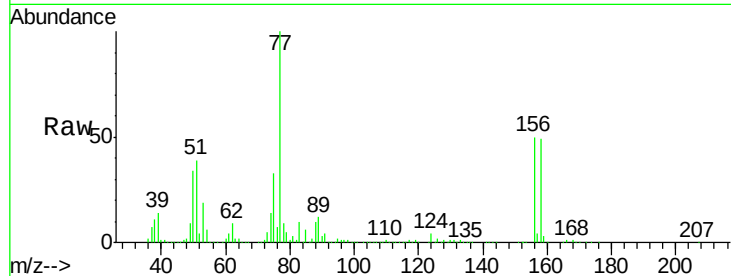
ClientSampled :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	234.7	117.4	352.2
158	96.4	48.8	146.4

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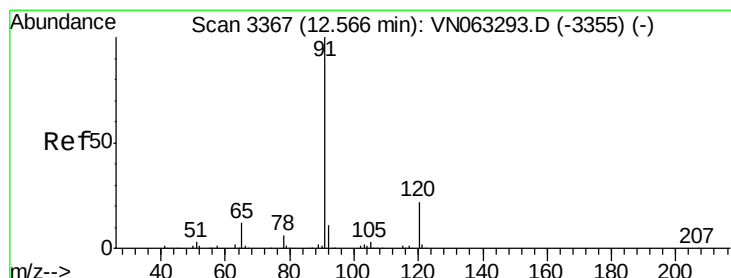
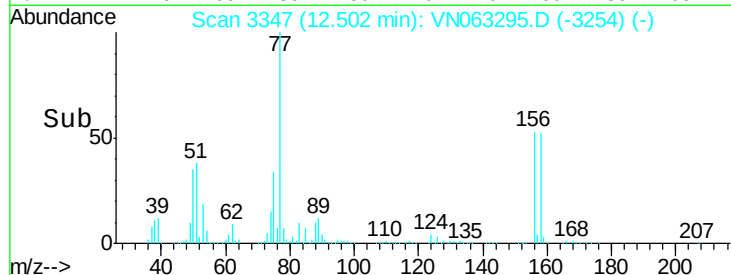
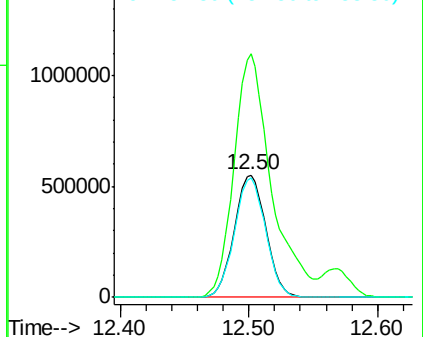
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 138.503 ug/l

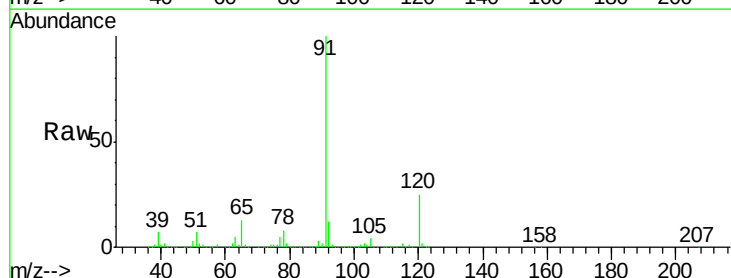
RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063295.D

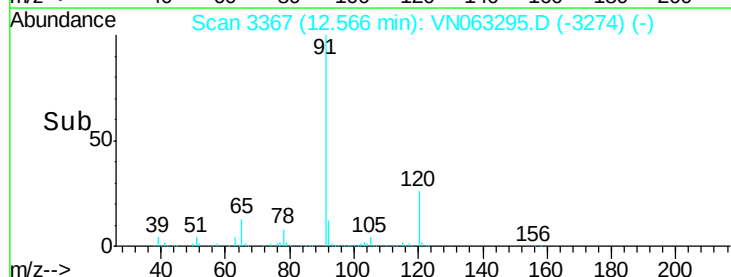
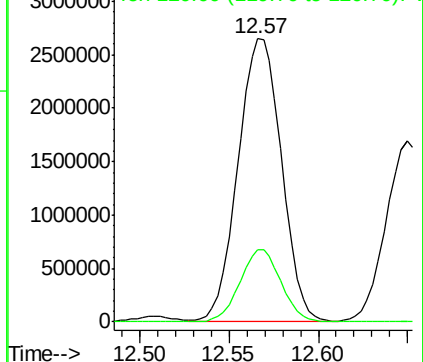
Acq: 10 Sep 2020 14:44

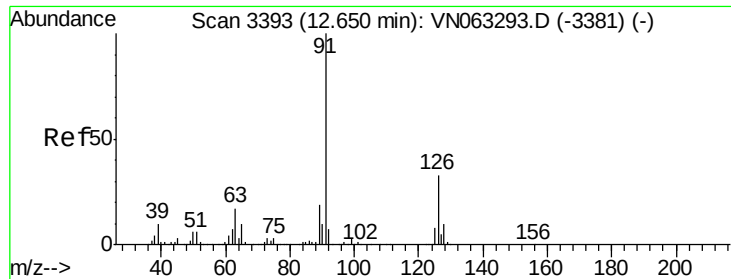
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.1	33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





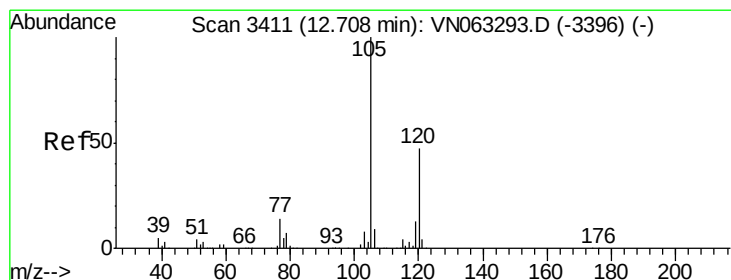
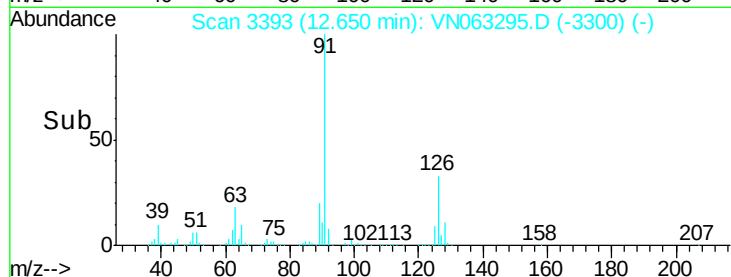
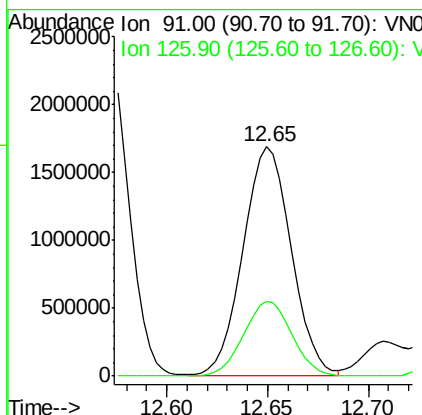
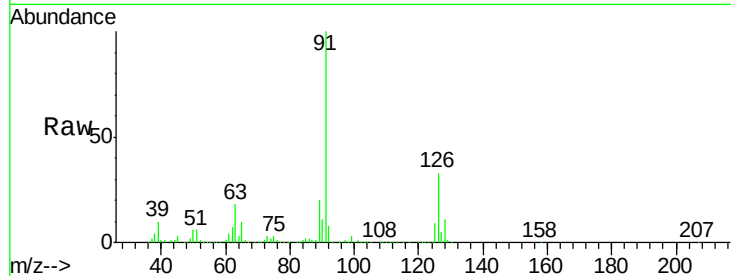
#79
 2-Chlorotoluene
 Concen: 145.332 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 91 Resp: 2844948
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.3 48.8

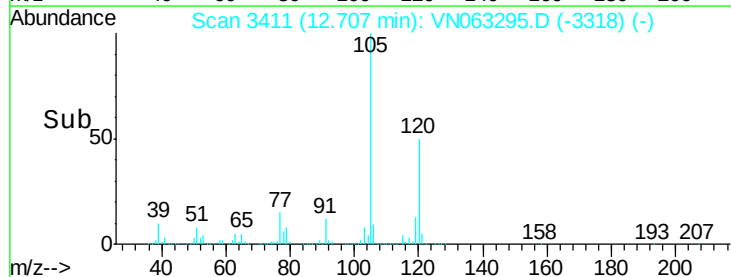
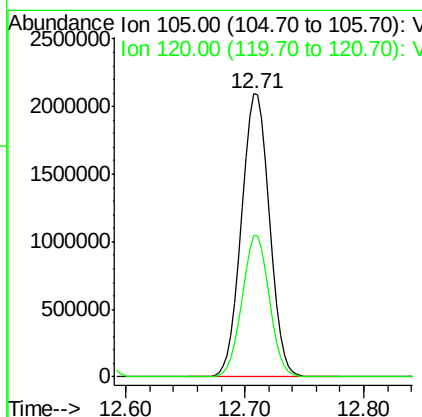
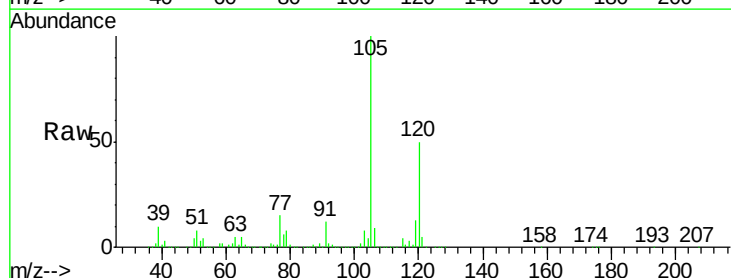
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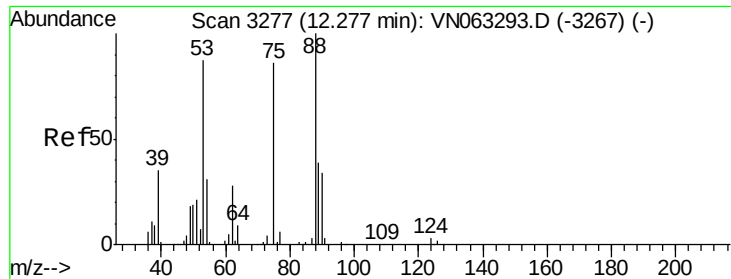
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#80
 1,3,5-Trimethylbenzene
 Concen: 145.062 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion: 105 Resp: 3416200
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 153.827 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 458214

Ion Ratio Lower Upper

75 100

53 100.8 81.8 122.8

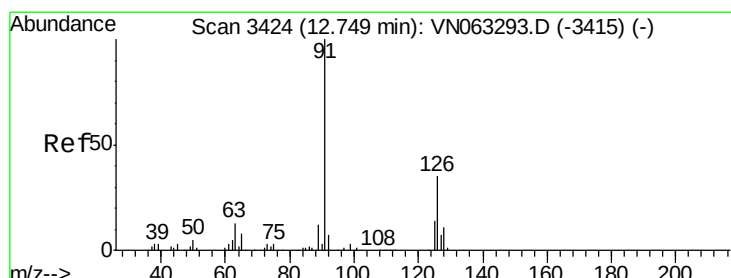
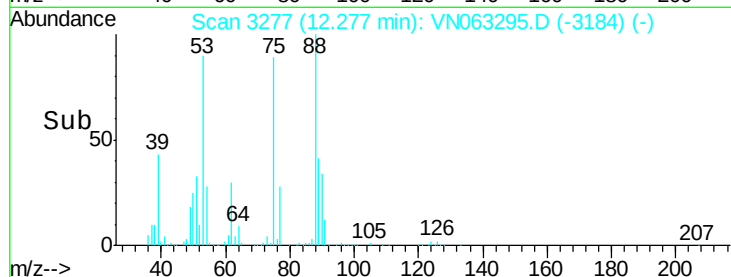
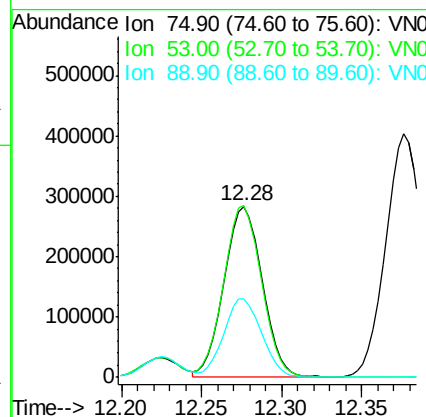
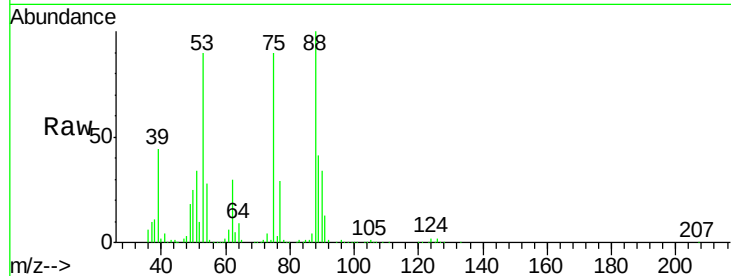
89 46.1 36.7 55.1

Manual Integrations

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#82

4-Chlorotoluene

Concen: 148.516 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063295.D

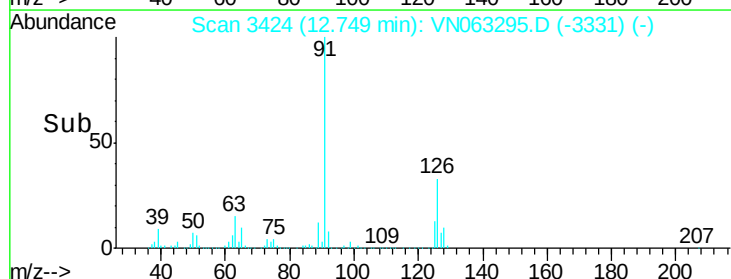
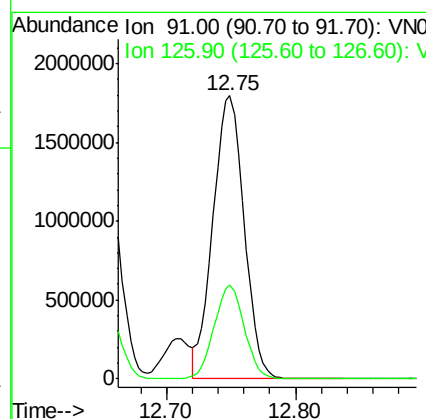
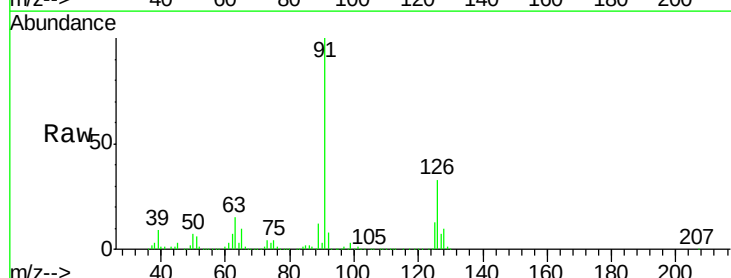
Acq: 10 Sep 2020 14:44

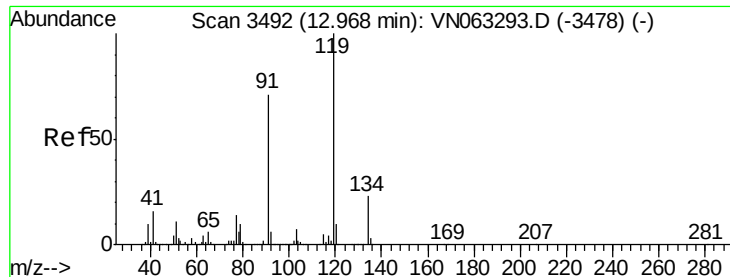
Tgt Ion: 91 Resp: 3012084

Ion Ratio Lower Upper

91 100

126 32.0 15.9 47.7





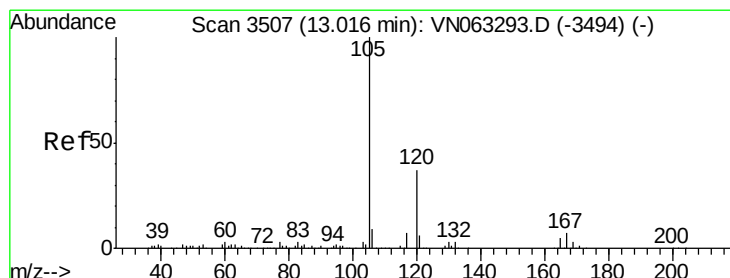
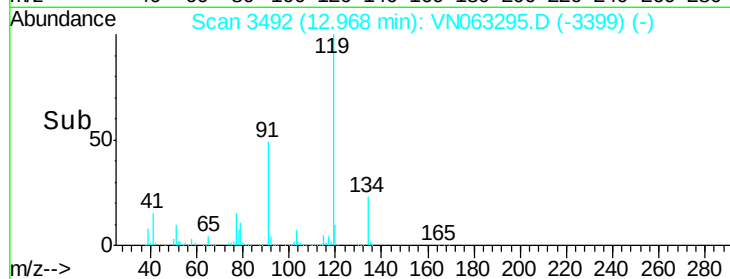
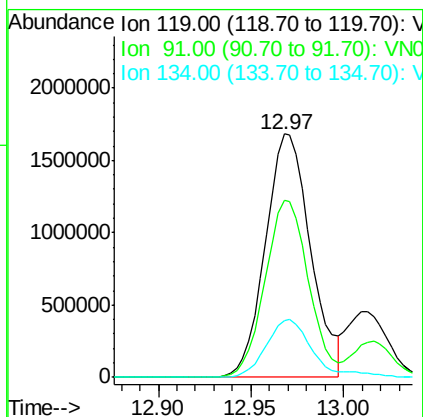
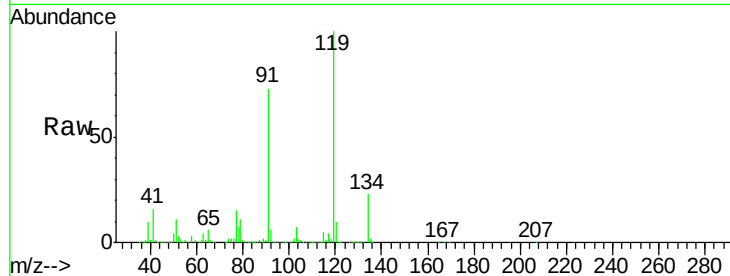
#83
 tert-Butylbenzene
 Concen: 142.556 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 2865501
 Ion Ratio Lower Upper
 119 100
 91 69.9 34.8 104.3
 134 24.5 11.9 35.5

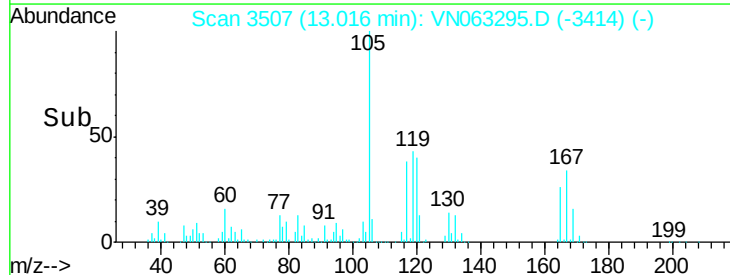
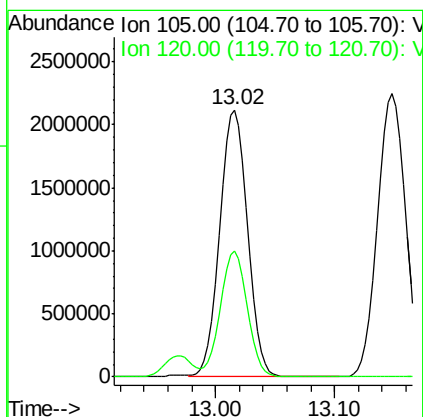
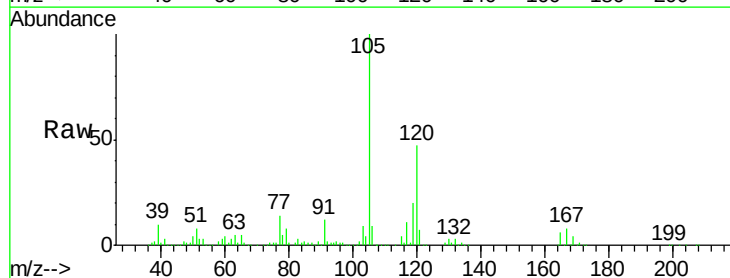
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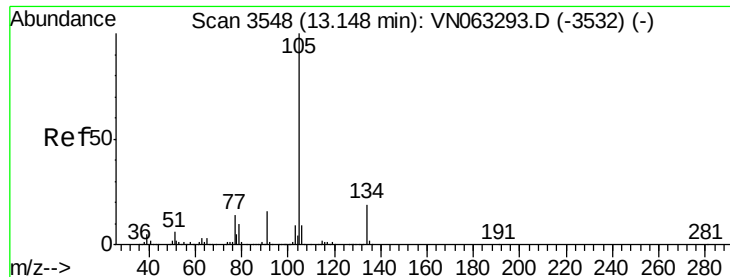
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#84
 1,2,4-Trimethylbenzene
 Concen: 144.214 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion:105 Resp: 3422840
 Ion Ratio Lower Upper
 105 100
 120 45.7 21.8 65.4





#85

sec-Butylbenzene

Concen: 141.627 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3692892

Ion Ratio Lower Upper

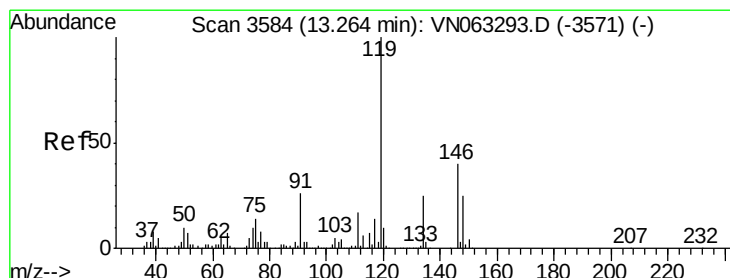
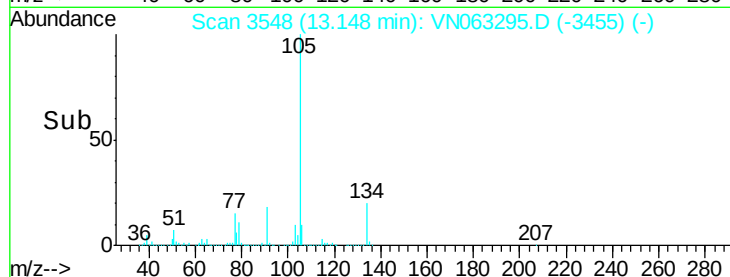
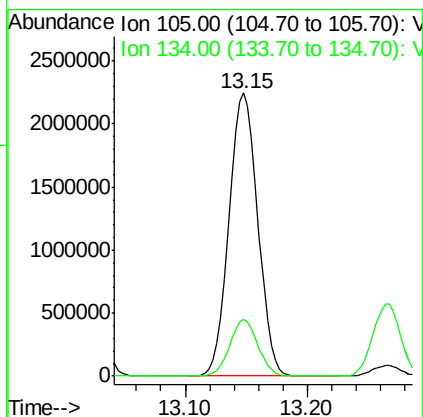
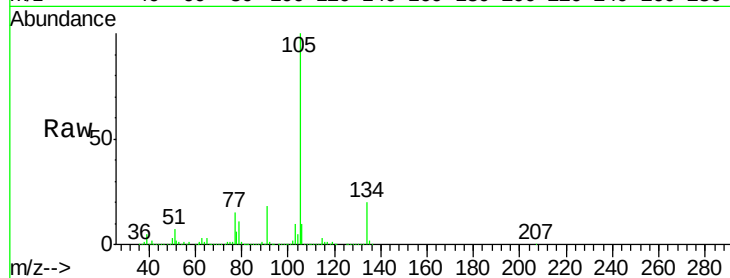
105 100

134 19.6 9.4 28.3

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 146.543 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

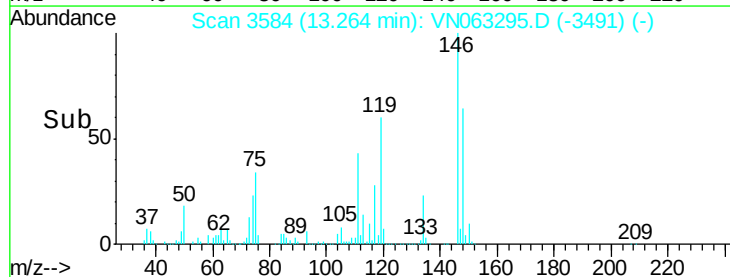
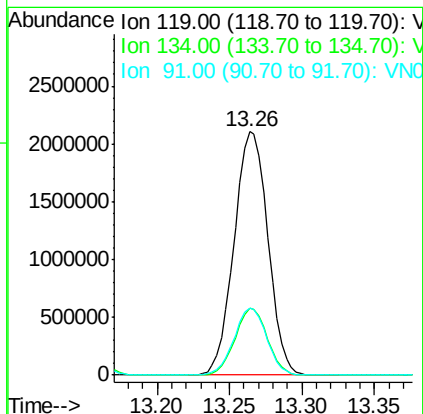
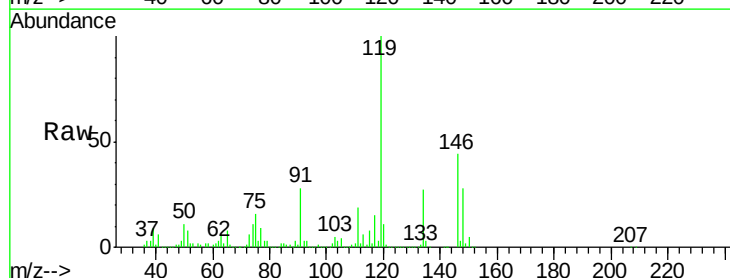
Tgt Ion:119 Resp: 3400752

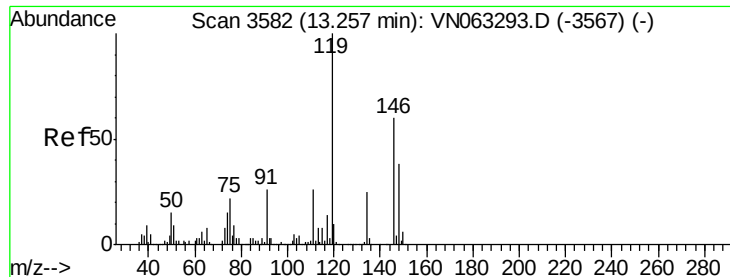
Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

91 26.6 12.8 38.3





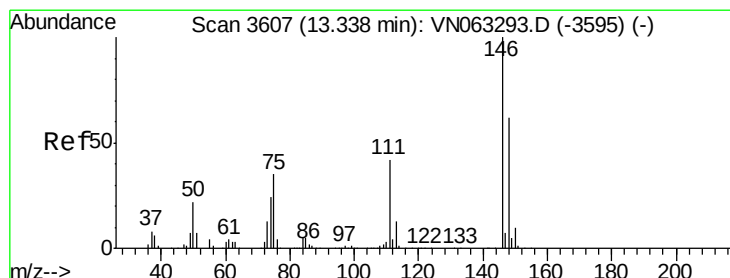
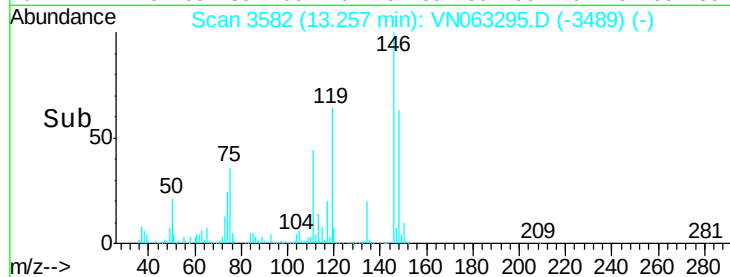
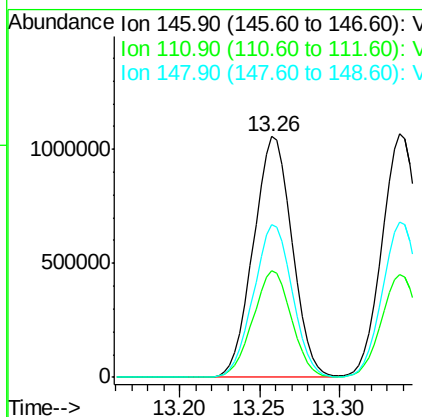
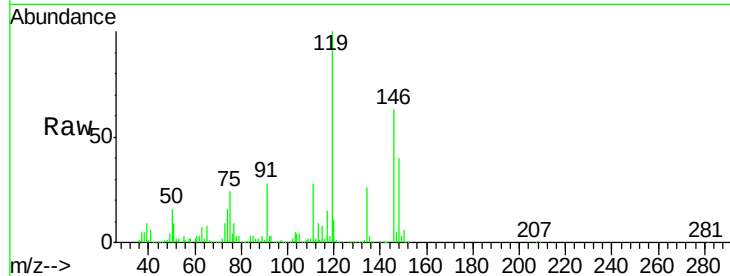
#87
 1,3-Dichlorobenzene
 Concen: 149.930 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.8	65.4
148	63.5	31.8	95.4

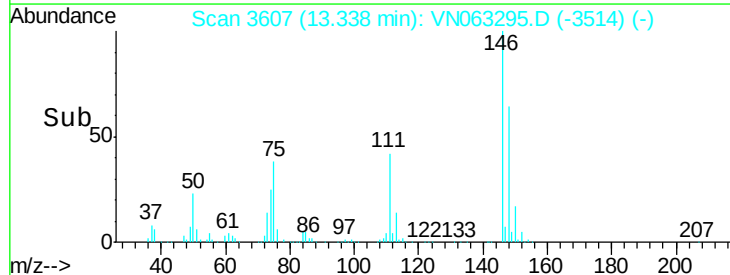
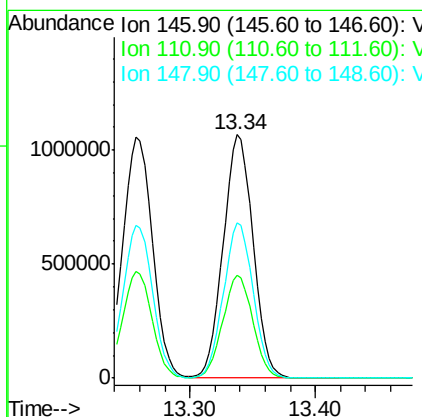
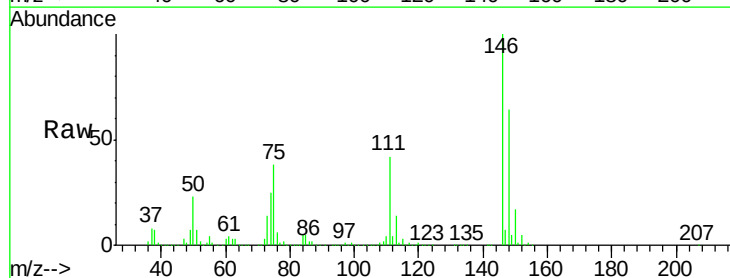
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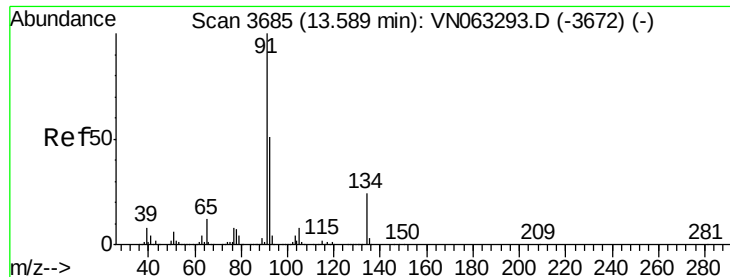
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#88
 1,4-Dichlorobenzene
 Concen: 145.442 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	64.0
148	63.5	31.5	94.5





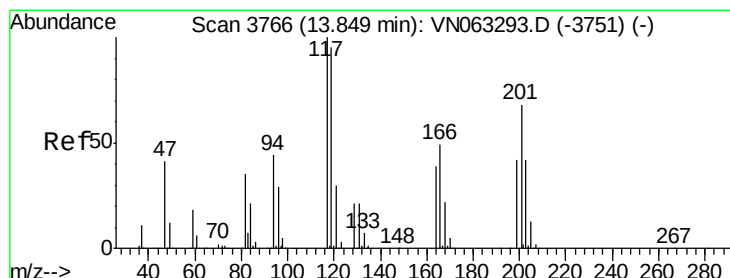
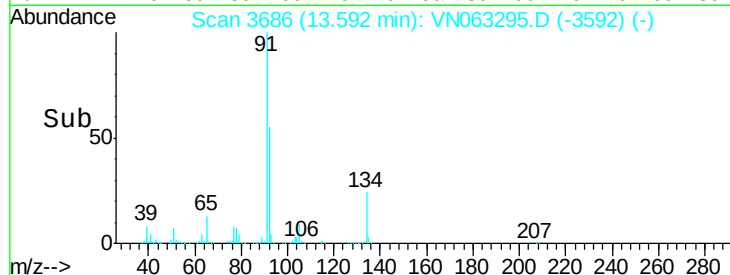
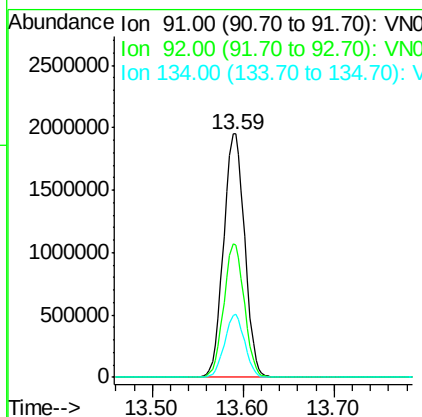
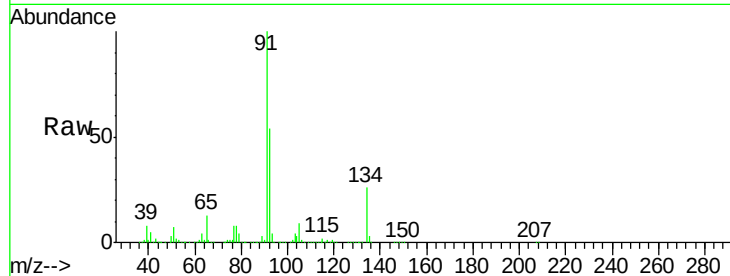
#89
n-Butylbenzene
Concen: 146.605 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3147494
Ion Ratio Lower Upper
91 100
92 53.3 25.8 77.3
134 24.7 12.0 36.0

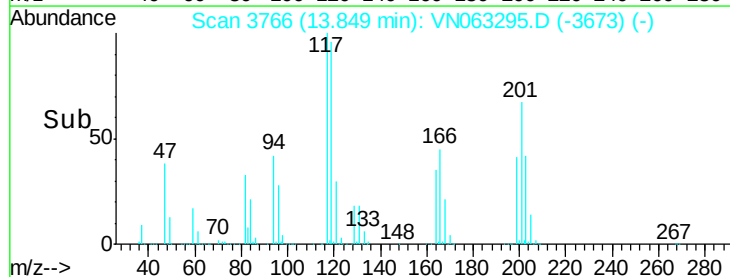
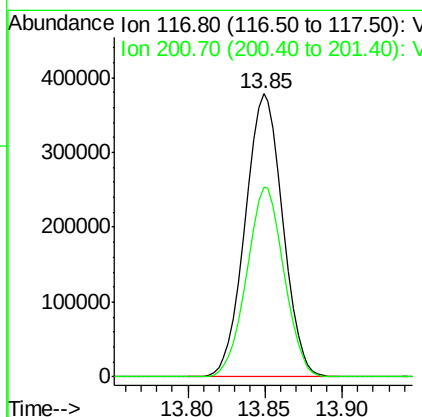
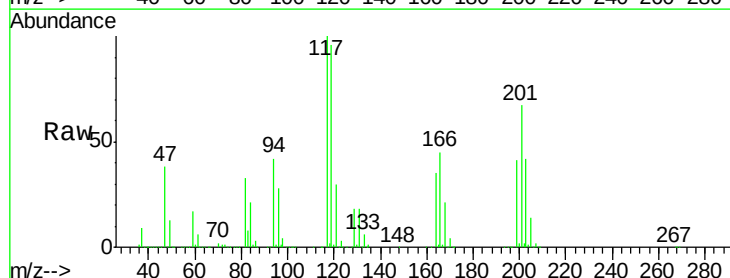
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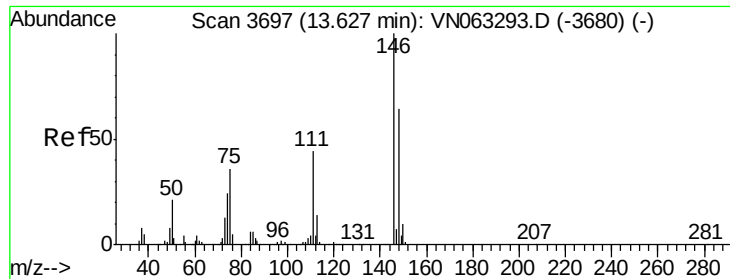
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#90
Hexachloroethane
Concen: 149.793 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 117 Resp: 640892
Ion Ratio Lower Upper
117 100
201 66.6 33.5 100.4





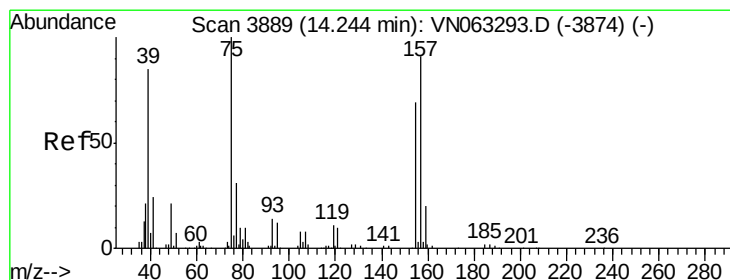
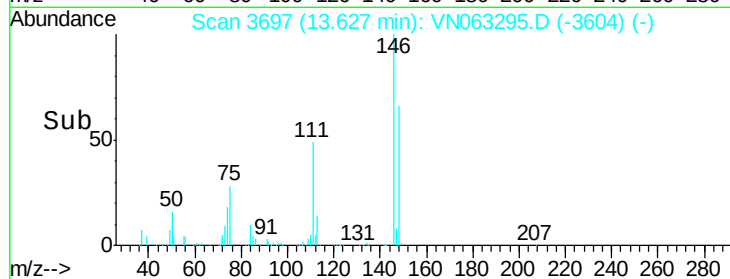
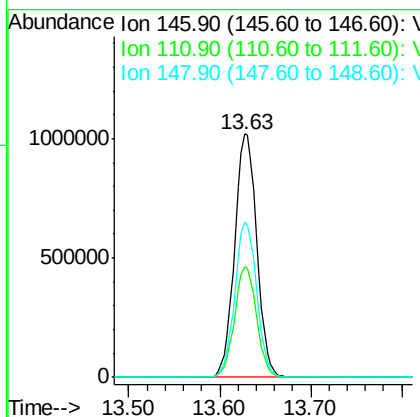
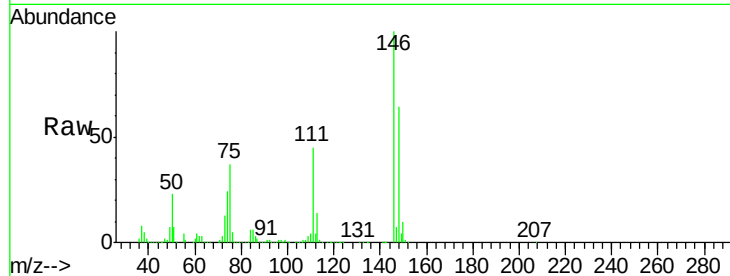
#91
 1,2-Dichlorobenzene
 Concen: 151.231 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.1	66.5
148	63.1	31.8	95.3

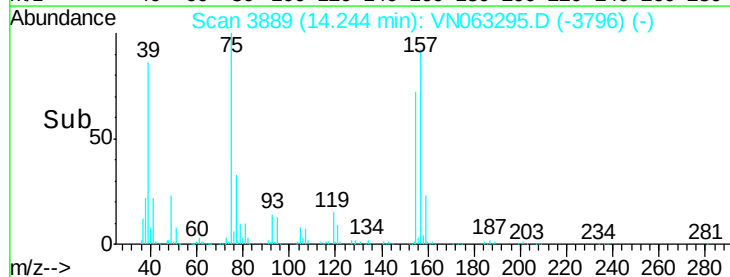
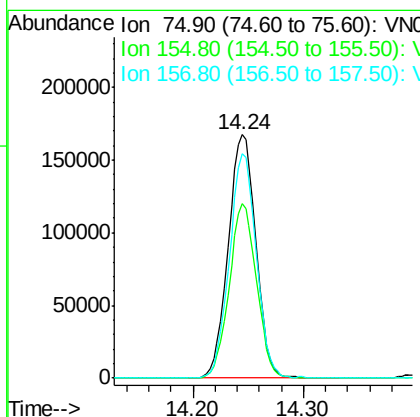
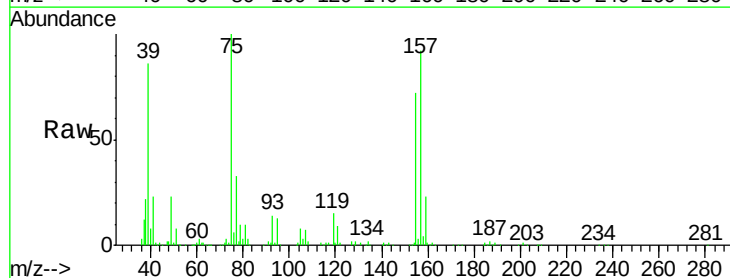
Manual Integrations
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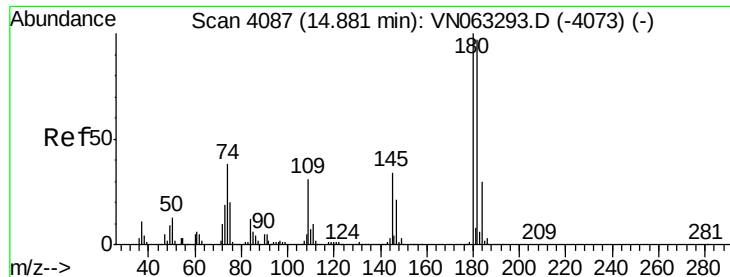
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 160.134 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.9	35.3	105.7
157	90.1	46.7	140.0





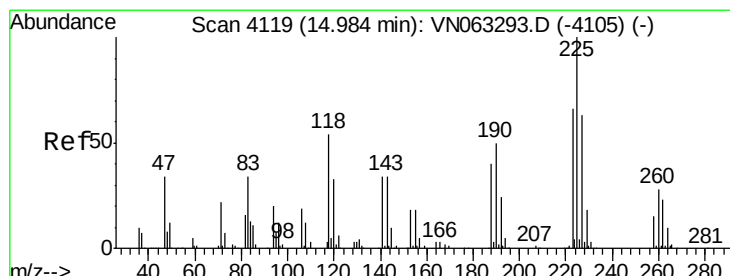
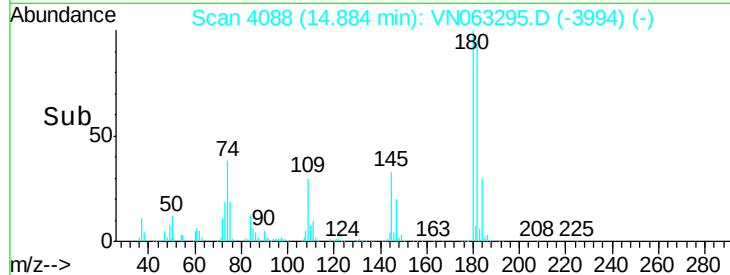
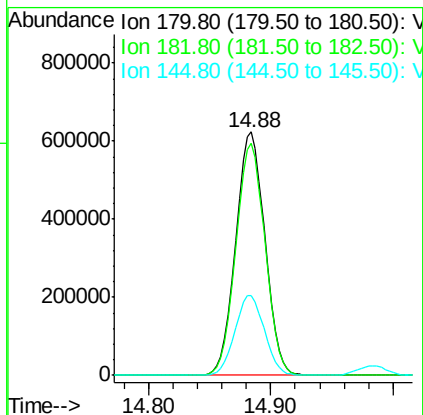
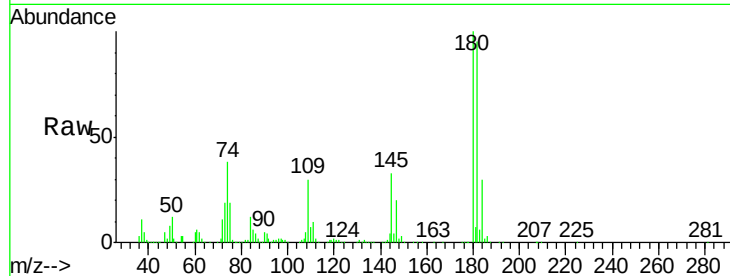
#93
 1,2,4-Trichlorobenzene
 Concen: 160.261 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.0	144.2
145	33.3	16.6	49.8

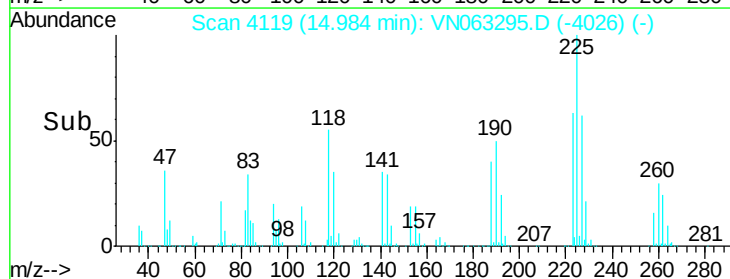
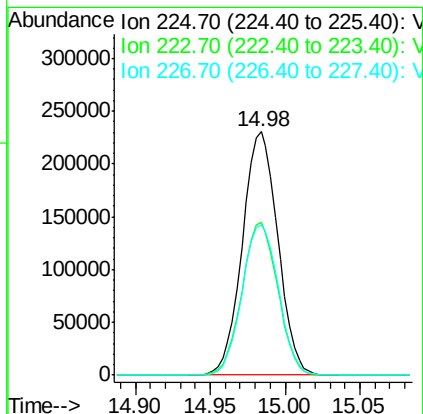
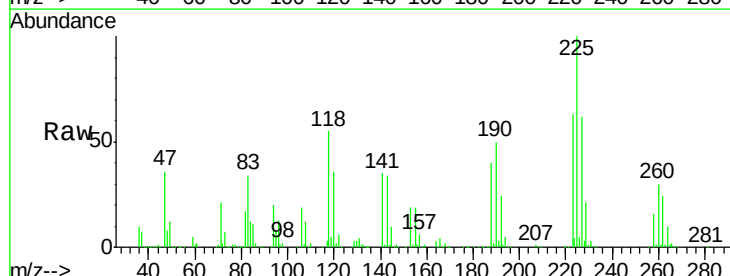
Manual Integrations
 APPROVED

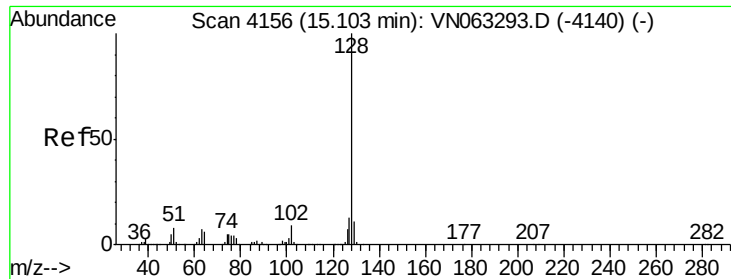
MMDadoda
 9/11/2020 2:02:30 PM



#94
 Hexachlorobutadiene
 Concen: 156.497 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.9
227	63.5	31.2	93.6





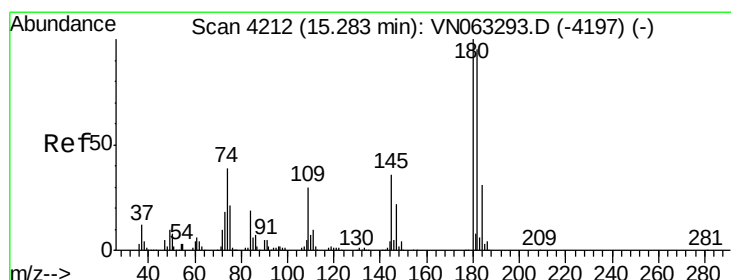
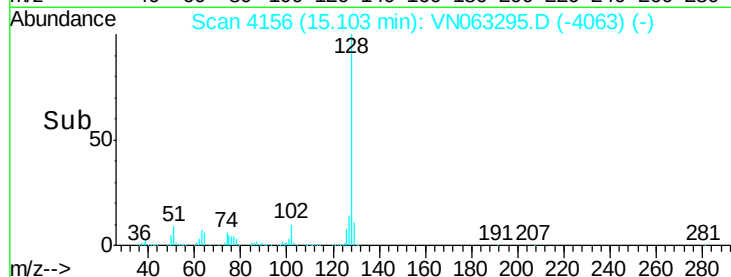
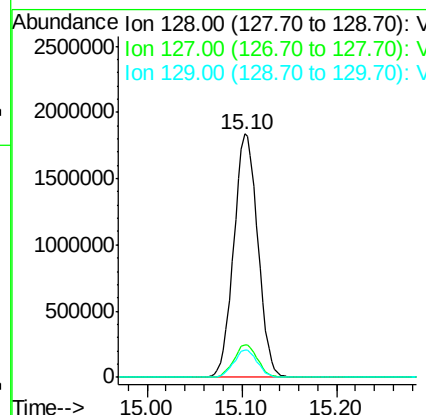
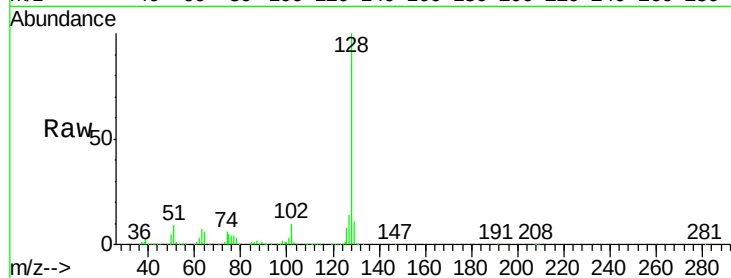
#95
Naphthalene
Concen: 154.040 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/11/2020 2:02:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 153.598 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.3
145	34.8	17.2	51.6

