

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063298.D
 Acq On : 10 Sep 2020 16:59
 Operator : JC/MD
 Sample : VN0910MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:34 PM

Quant Time: Sep 11 06:19:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	455308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	809749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	736091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	332663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	346756	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	7.55	113	253965	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	10.06	98	984581	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.38	95	357971	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	80085	18.314	ug/l	97
3) Chloromethane	2.04	50	120082	19.483	ug/l	99
4) Vinyl Chloride	2.17	62	119392	19.299	ug/l	97
5) Bromomethane	2.54	94	83750	19.403	ug/l	98
6) Chloroethane	2.68	64	76989	19.024	ug/l	95
7) Trichlorofluoromethane	2.99	101	176943	18.495	ug/l	97
8) Diethyl Ether	3.38	74	64412	18.882	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	95698	19.146	ug/l	99
10) Methyl Iodide	3.91	142	114592	17.686	ug/l	99
11) Tert butyl alcohol	4.73	59	94516	99.933	ug/l	97
12) 1,1-Dichloroethene	3.70	96	92848	18.609	ug/l	97
13) Acrolein	3.57	56	46081	110.230	ug/l	99
14) Allyl chloride	4.28	41	187606	18.317	ug/l	98
15) Acrylonitrile	4.93	53	248121	95.950	ug/l	98
16) Acetone	3.78	43	229735	93.005	ug/l	100
17) Carbon Disulfide	4.01	76	270144	18.687	ug/l	98
18) Methyl Acetate	4.28	43	117370	18.902	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	338053	18.961	ug/l	98
20) Methylene Chloride	4.51	84	117008	20.043	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	103403	18.519	ug/l	96
22) Diisopropyl ether	5.90	45	381446	18.924	ug/l	92
23) Vinyl Acetate	5.85	43	1605189	101.173	ug/l	99
24) 1,1-Dichloroethane	5.80	63	206908	18.955	ug/l	99
25) 2-Butanone	6.79	43	358026	98.121	ug/l	99
26) 2,2-Dichloropropane	6.78	77	178067	18.612	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	119845	18.417	ug/l	99
28) Bromochloromethane	7.15	49	94060	17.770	ug/l	99
29) Tetrahydrofuran	7.17	42	234767	98.812	ug/l	98
30) Chloroform	7.33	83	209054	19.128	ug/l	98
31) Cyclohexane	7.61	56	189572	18.895	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	178693	18.756	ug/l	99
36) 1,1-Dichloropropene	7.75	75	155337	18.663	ug/l	99
37) Ethyl Acetate	6.88	43	156531	19.116	ug/l	97
38) Carbon Tetrachloride	7.74	117	152941	18.670	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	169536	18.671	ug/l	99
40) Benzene	8.00	78	452565	19.037	ug/l	100
41) Methacrylonitrile	7.13	41	71322	19.256	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	171489	19.013	ug/l	100
43) Isopropyl Acetate	8.13	43	268969	19.396	ug/l #	91
44) Trichloroethene	8.80	130	118194	19.011	ug/l	96
45) 1,2-Dichloropropane	9.08	63	126295	19.368	ug/l	98
46) Dibromomethane	9.18	93	80098	18.943	ug/l	98
47) Bromodichloromethane	9.37	83	164519	18.670	ug/l	99
48) Methyl methacrylate	9.17	41	125237	18.927	ug/l	99
49) 1,4-Dioxane	9.17	88	37171	362.831	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	785583	102.795	ug/l	99
52) Toluene	10.13	92	279139	19.232	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	183334	19.079	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	198223	19.159	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	109409	19.237	ug/l	98
56) Ethyl methacrylate	10.40	69	167859	19.408	ug/l	97
57) 1,3-Dichloropropane	10.68	76	192232	19.342	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	398129	85.817	ug/l	100
59) 2-Hexanone	10.72	43	574228	101.882	ug/l	99
60) Dibromochloromethane	10.87	129	118872	19.033	ug/l	100
61) 1,2-Dibromoethane	10.98	107	110571	18.648	ug/l	99
64) Tetrachloroethene	10.60	164	115337	19.127	ug/l	98
65) Chlorobenzene	11.41	112	293520	18.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	108314	18.760	ug/l	99
67) Ethyl Benzene	11.49	91	548996	19.298	ug/l	99
68) m/p-Xylenes	11.59	106	394752	37.512	ug/l	99
69) o-Xylene	11.92	106	191977	19.010	ug/l	99
70) Styrene	11.94	104	315710	18.809	ug/l	99
71) Bromoform	12.10	173	74075	18.549	ug/l #	96
73) Isopropylbenzene	12.23	105	513965	19.155	ug/l	100
74) N-amyl acetate	12.04	43	223366	20.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	146012	19.000	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	134955m	18.389	ug/l	
77) Bromobenzene	12.50	156	117320	19.021	ug/l	100
78) n-propylbenzene	12.57	91	596776	19.578	ug/l	99
79) 2-Chlorotoluene	12.65	91	359897	19.202	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	432011	19.390	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	51512	18.858	ug/l	97
82) 4-Chlorotoluene	12.75	91	369159	18.790	ug/l	99
83) tert-Butylbenzene	12.97	119	357204	18.904	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	433521	19.304	ug/l	98
85) sec-Butylbenzene	13.15	105	468740	19.498	ug/l	99
86) p-Isopropyltoluene	13.26	119	425142	19.290	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	211497	18.757	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	211672	19.000	ug/l	99
89) n-Butylbenzene	13.59	91	379794	19.090	ug/l	99
90) Hexachloroethane	13.85	117	68363	18.857	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	209301	18.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32873	18.812	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	114893	17.613	ug/l	99
94) Hexachlorobutadiene	14.98	225	44328	18.040	ug/l	95
95) Naphthalene	15.11	128	362786	18.165	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	112497	18.689	ug/l	98

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

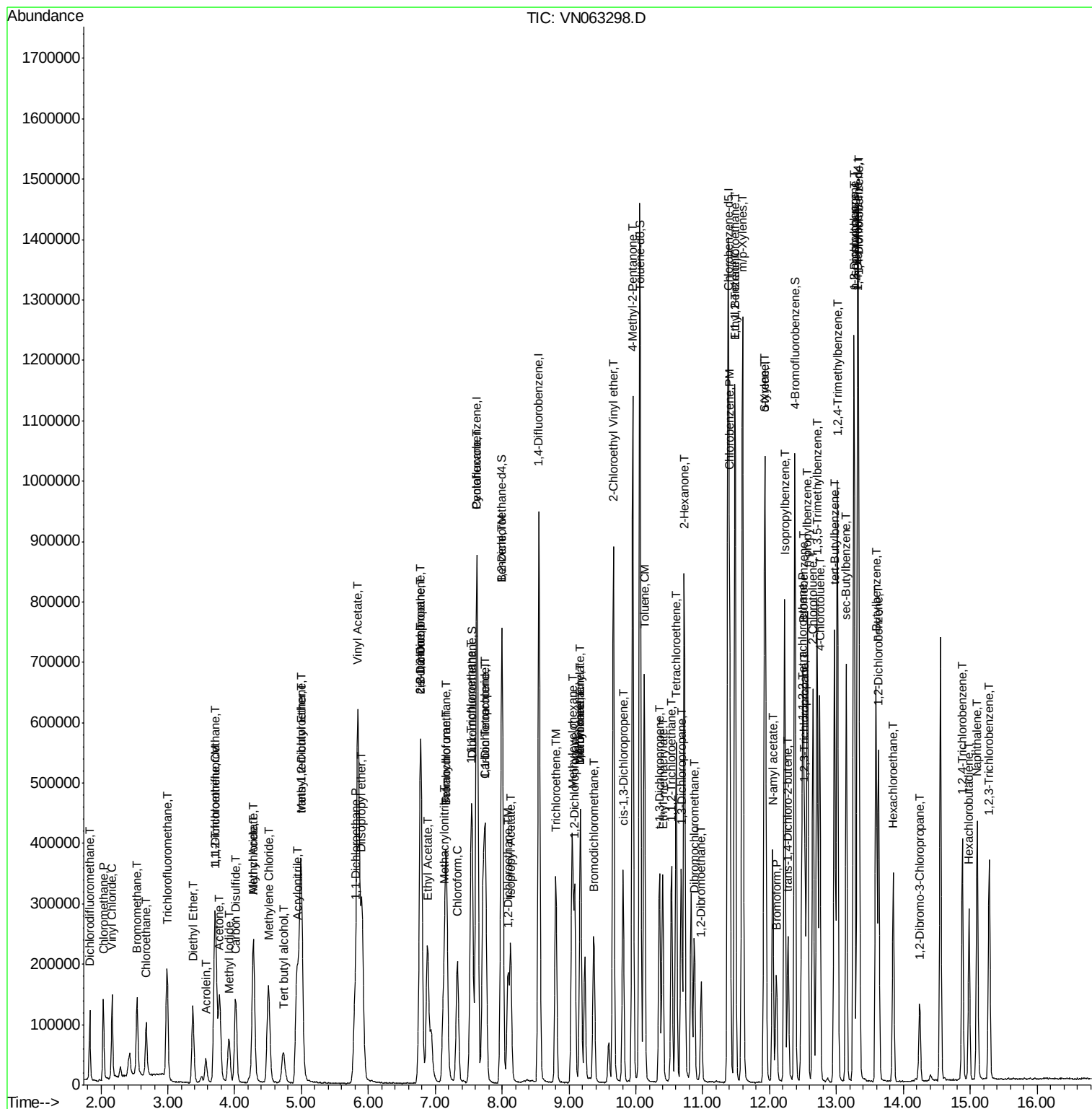
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Data File : VN063298.D
Acq On : 10 Sep 2020 16:59
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Sample : VN0910MBS01
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ALS Vial : 13 Sample Multiplier: 1

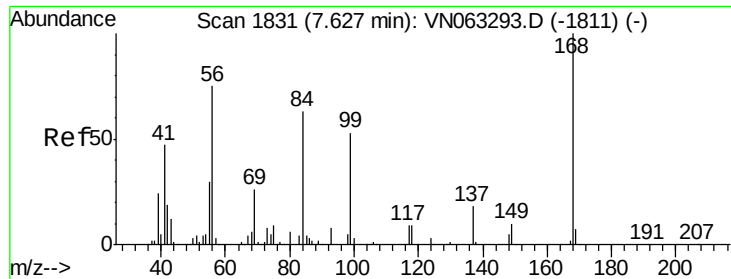
Instrument :
MSVOA_N
Client Sample ID :
VN0910MBS01

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

Tot Ion:168 Resp: 455308

Ion Ratio Lower Upper

168 100

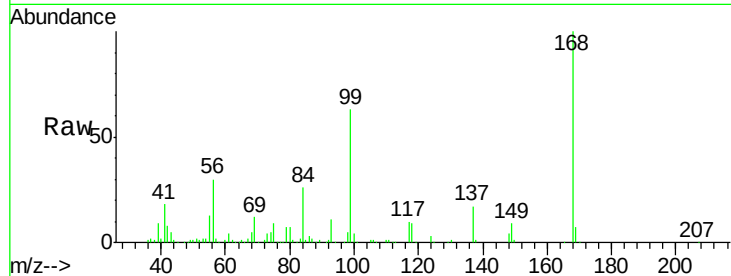
99 62.4 51.1 76.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

200000

150000

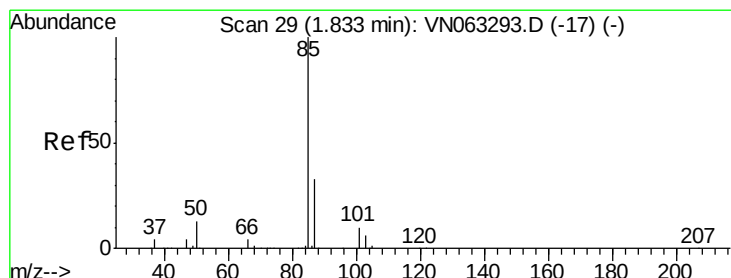
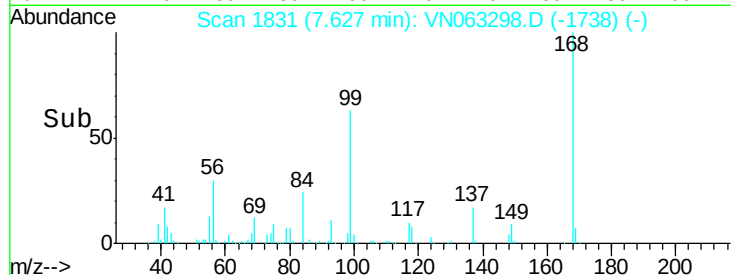
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.314 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063298.D

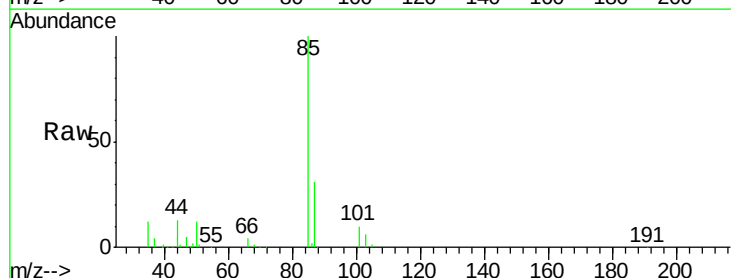
Acq: 10 Sep 2020 16:59

Tgt Ion: 85 Resp: 80085

Ion Ratio Lower Upper

85 100

87 31.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

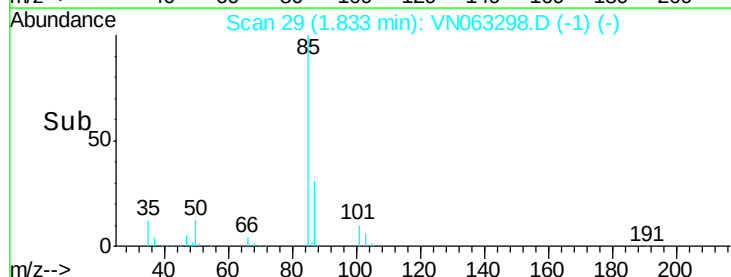
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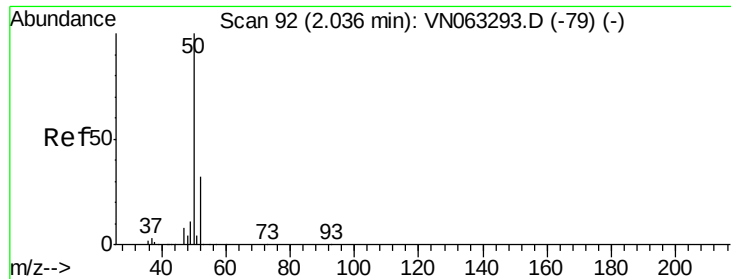
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 19.483 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

Tot Ion: 50 Resp: 120082

Ion Ratio Lower Upper

50 100

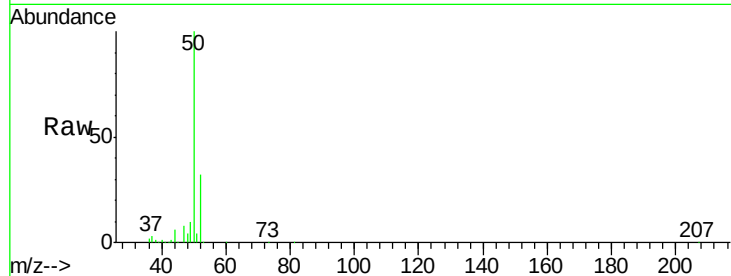
52 32.2 25.4 38.2

Manual Integrations

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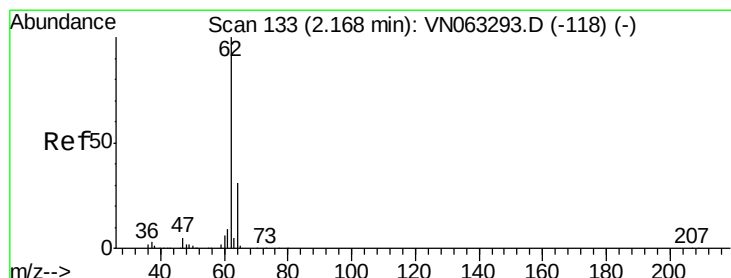
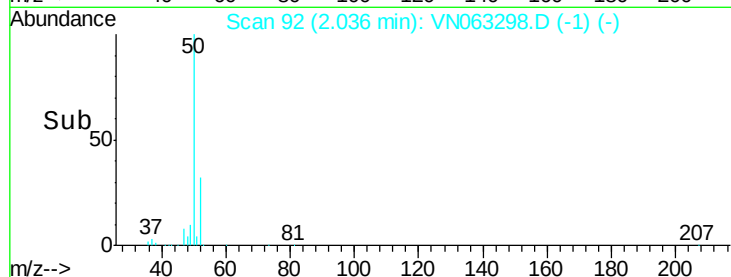
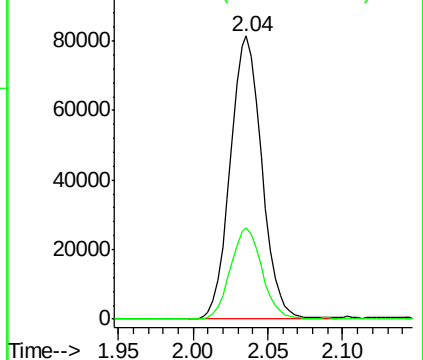
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.299 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063298.D

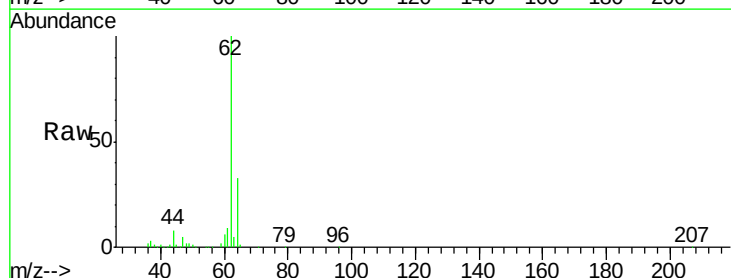
Acq: 10 Sep 2020 16:59

Tgt Ion: 62 Resp: 119392

Ion Ratio Lower Upper

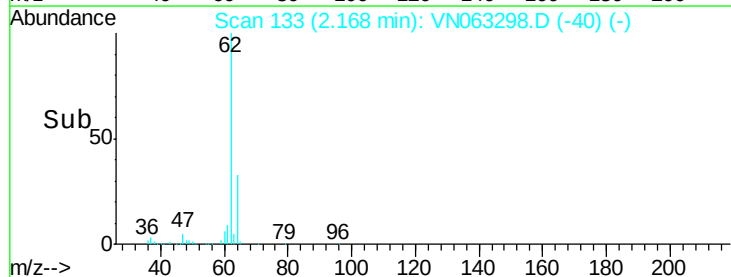
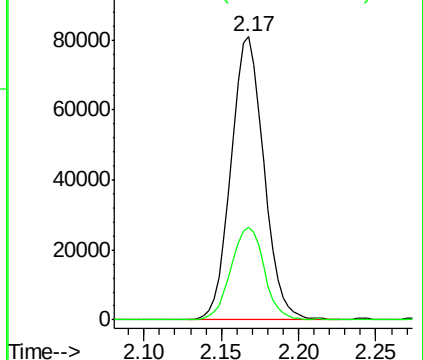
62 100

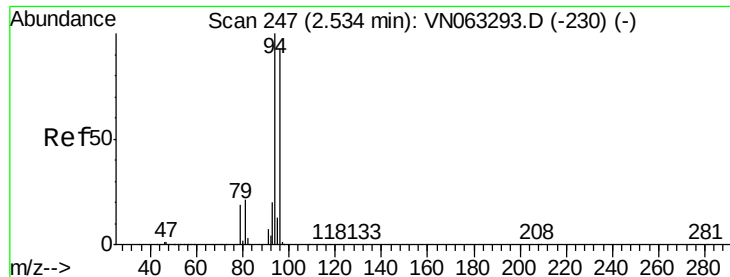
64 32.5 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.403 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

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MSVOA_N

ClientSampleId :

VN0910MBS01

Tot Ion: 94 Resp: 83750

Ion Ratio Lower Upper

94 100

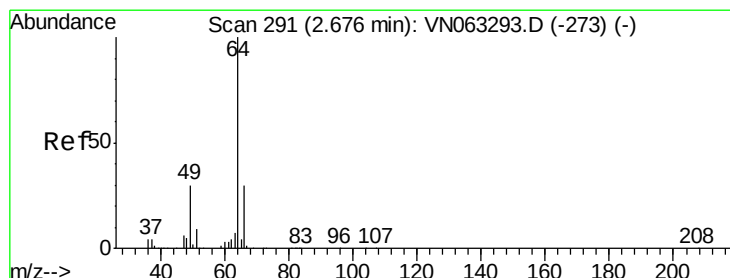
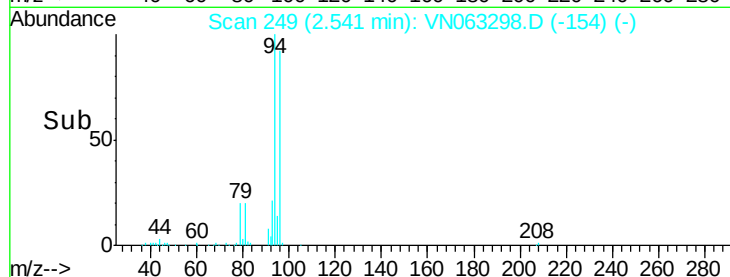
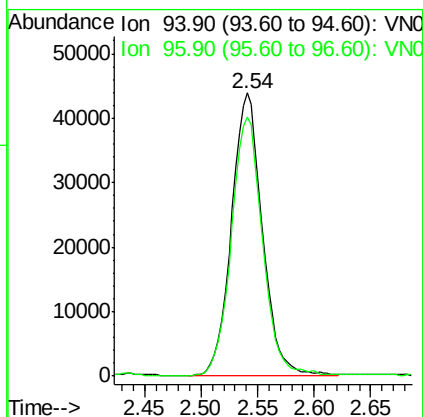
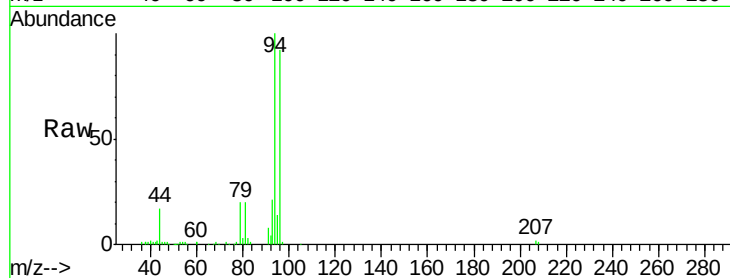
96 91.3 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 19.024 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063298.D

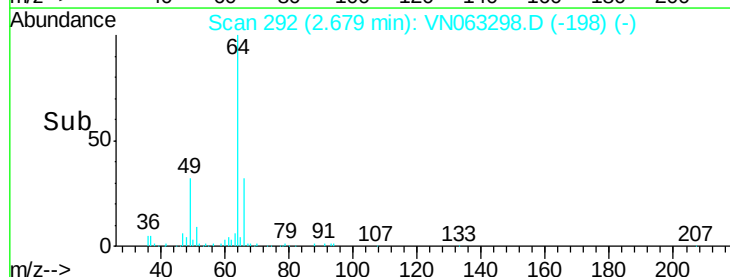
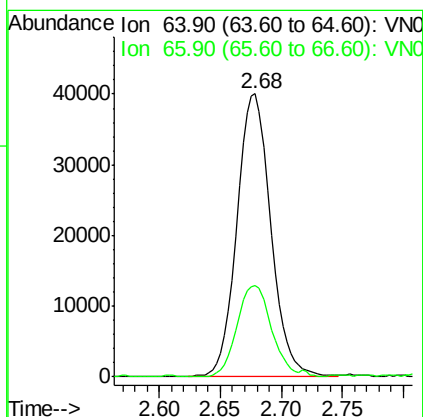
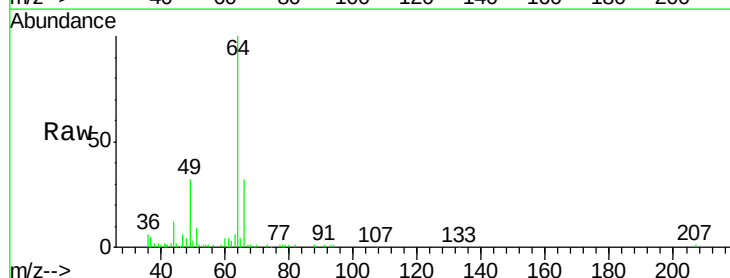
Acq: 10 Sep 2020 16:59

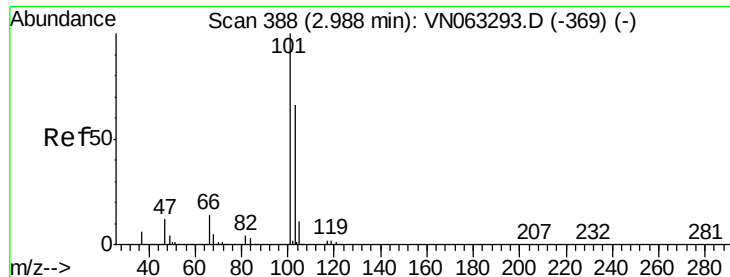
Tgt Ion: 64 Resp: 76989

Ion Ratio Lower Upper

64 100

66 32.4 23.8 35.6





#7

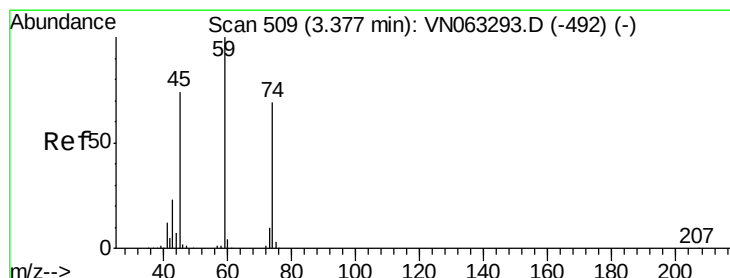
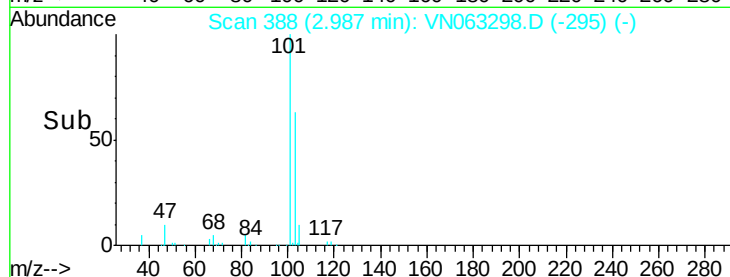
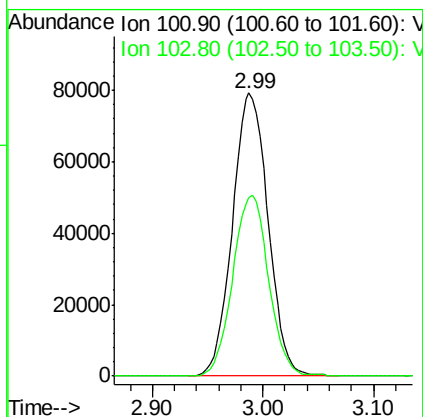
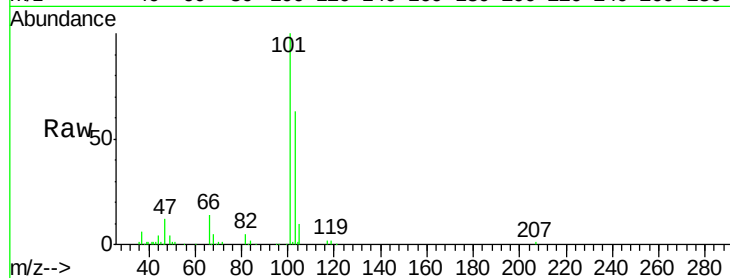
Trichlorofluoromethane
 Concen: 18.495 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampled :
 VN0910MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.4	78.6

Manual Integrations
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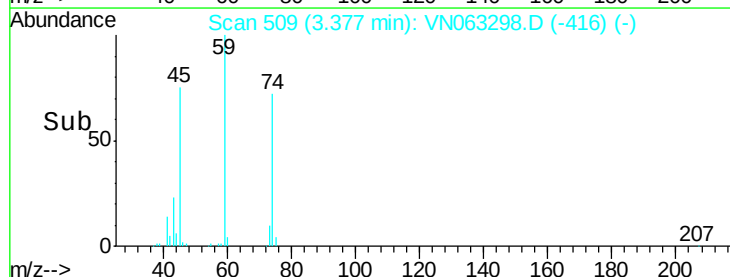
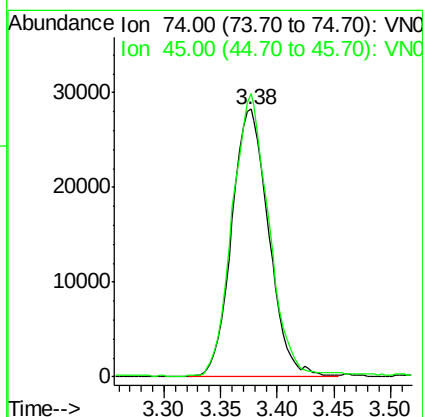
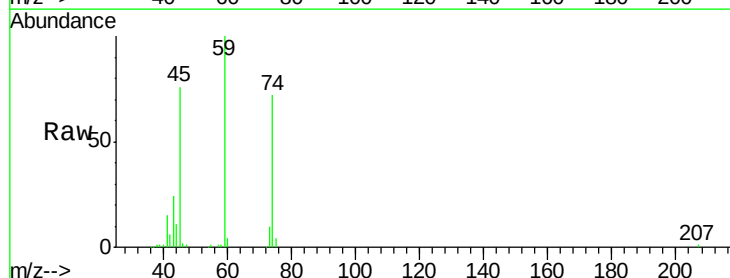
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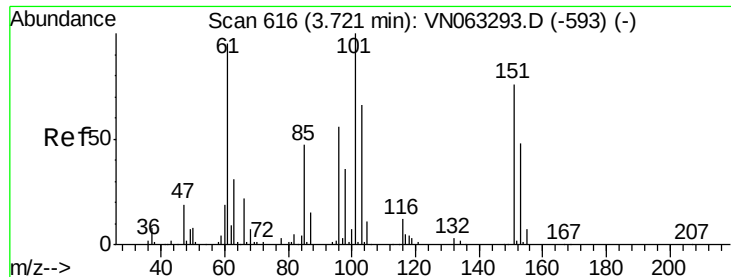


#8

Diethyl Ether
 Concen: 18.882 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.6	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.146 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

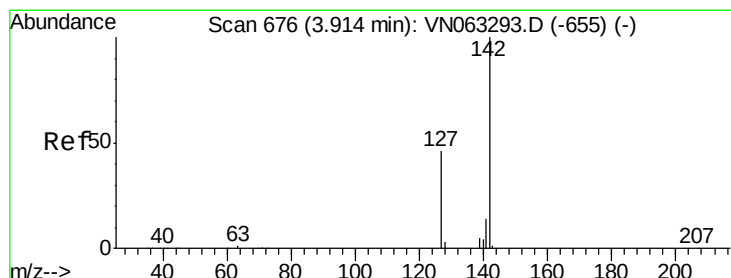
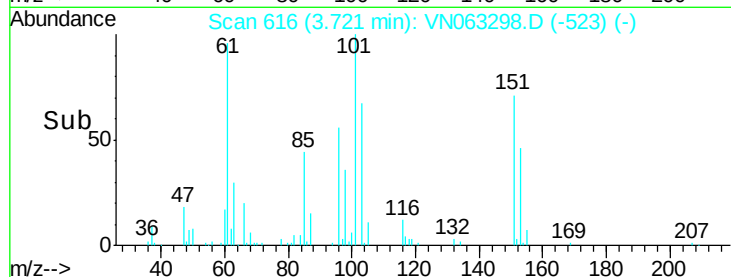
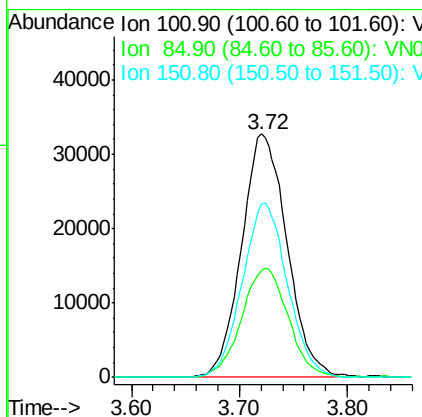
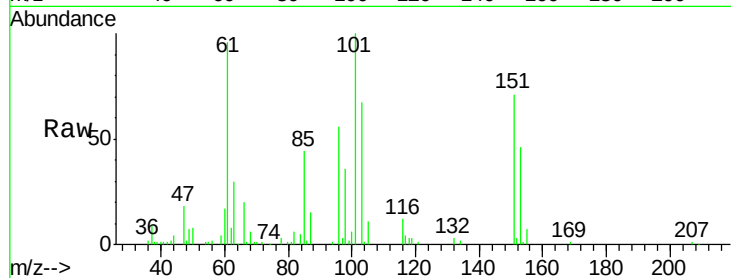
ClientSampleId :

VN0910MBS01

Tot Ion:	101	Resp:	95698
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.9	55.3
151	71.1	57.8	86.8

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#10

Methyl Iodide

Concen: 17.686 ug/l

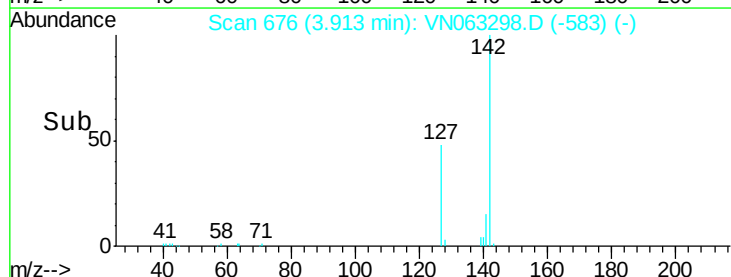
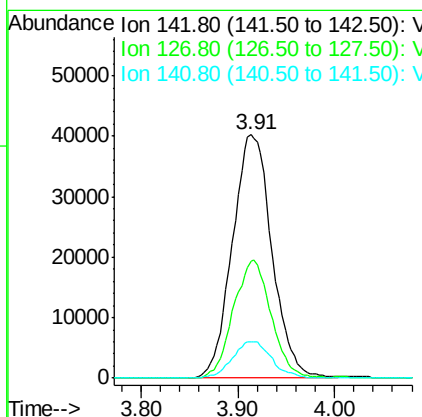
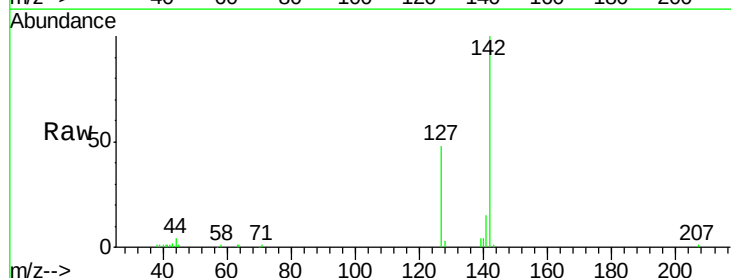
RT: 3.91 min Scan# 676

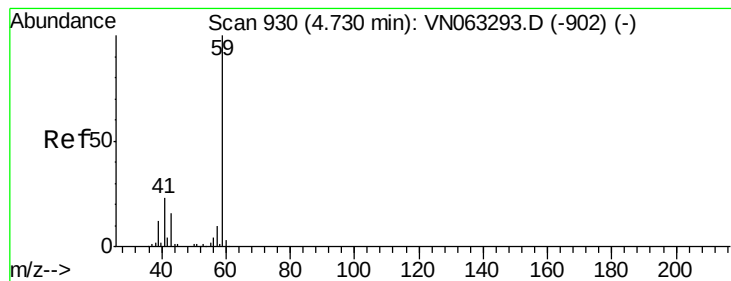
Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion:	142	Resp:	114592
Ion Ratio	Lower	Upper	
142	100		
127	46.0	37.1	55.7
141	14.8	11.6	17.4





#11

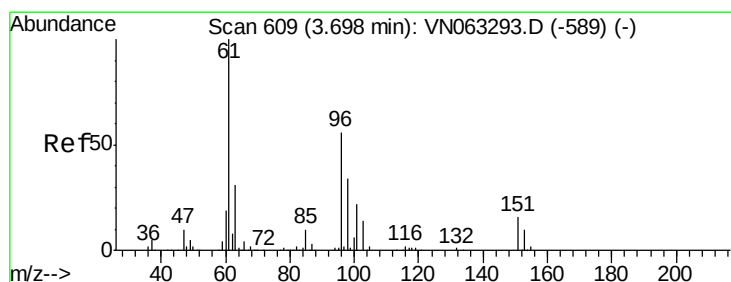
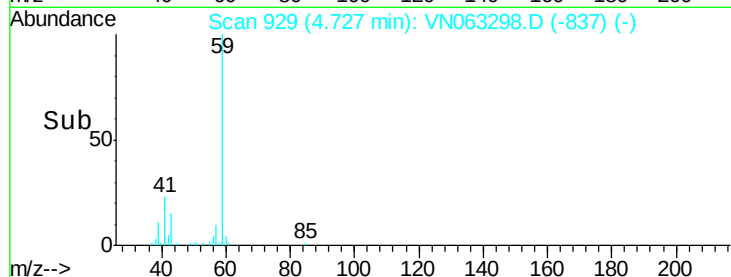
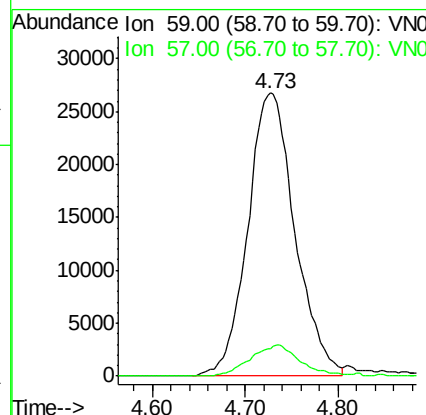
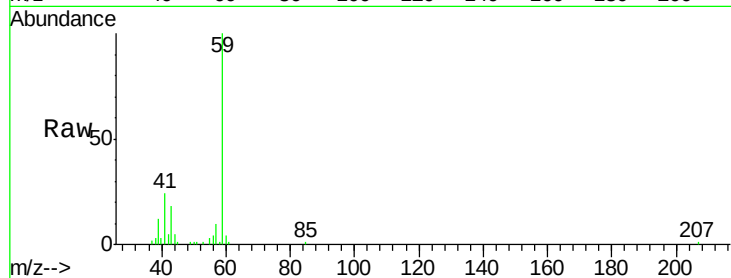
Tert butyl alcohol
Concen: 99.933 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.7	8.3	12.5

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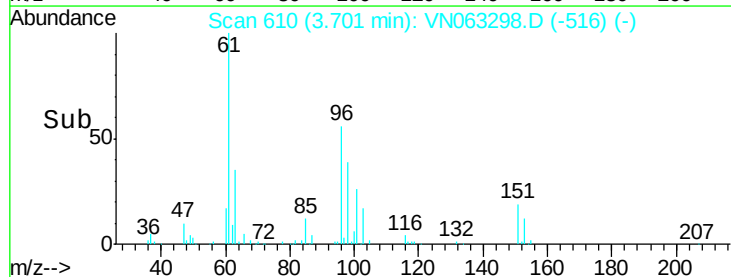
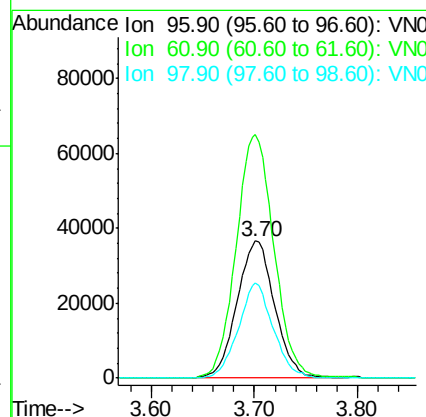
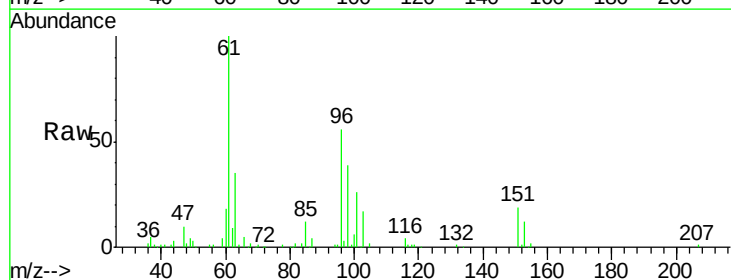
MMDadoda
9/11/2020 2:02:34 PM

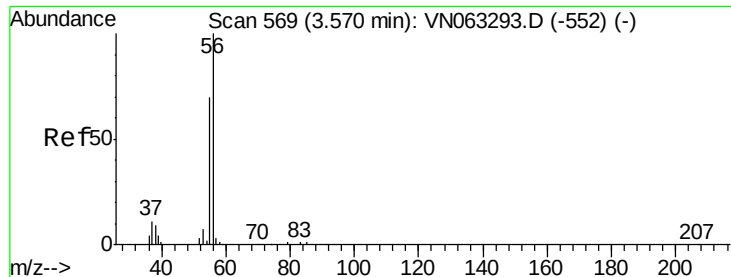


#12

1,1-Dichloroethene
Concen: 18.609 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.0	142.1	213.1
98	69.8	48.8	73.2





#13

Acrolein

Concen: 110.230 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

Tot Ion: 56 Resp: 46081

Ion Ratio Lower Upper

56 100

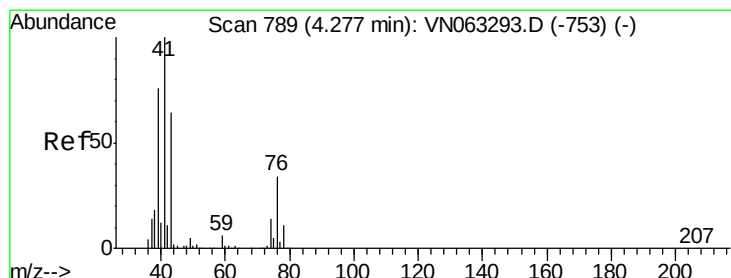
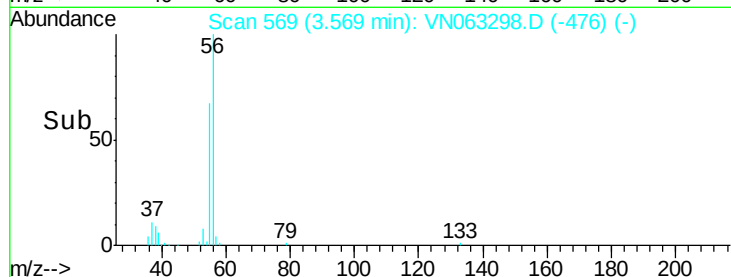
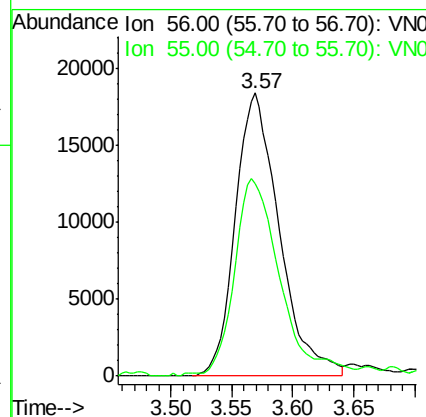
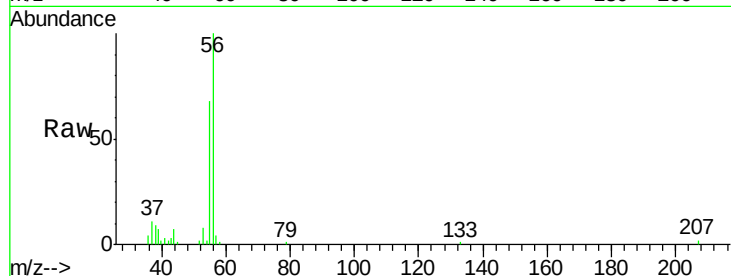
55 72.6 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 18.317 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

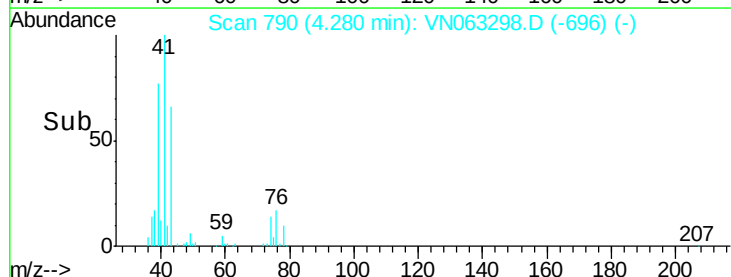
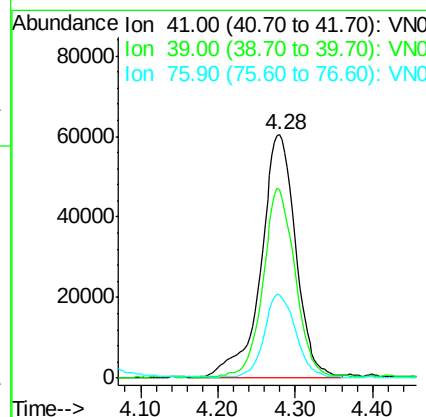
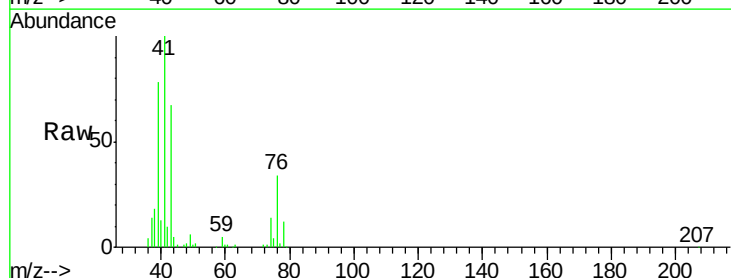
Tgt Ion: 41 Resp: 187606

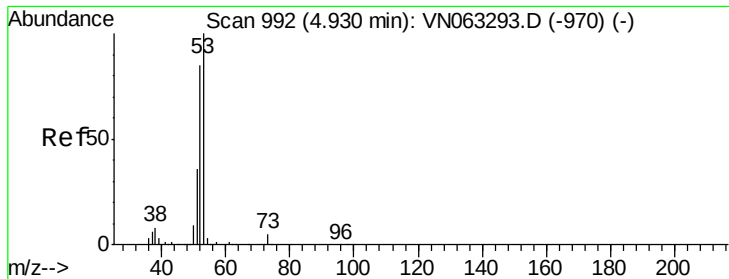
Ion Ratio Lower Upper

41 100

39 73.4 57.4 86.2

76 31.2 25.7 38.5





#15

Acrylonitrile

Concen: 95.950 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

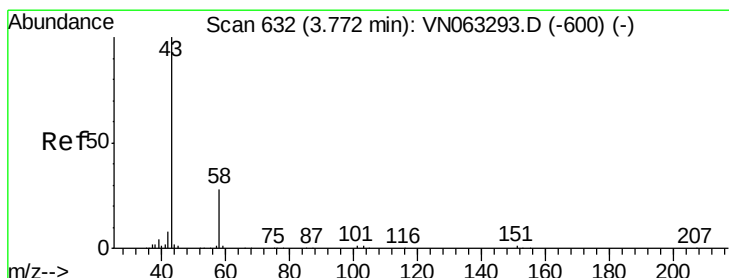
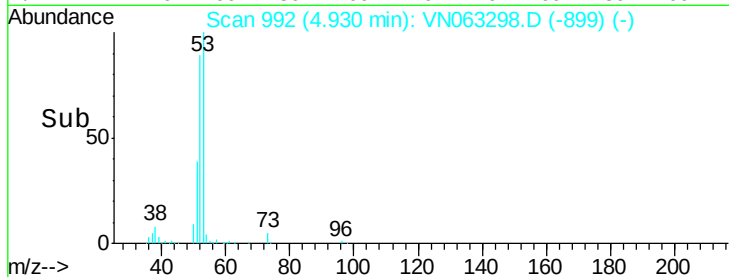
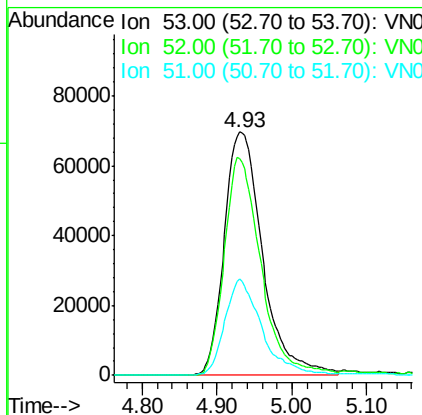
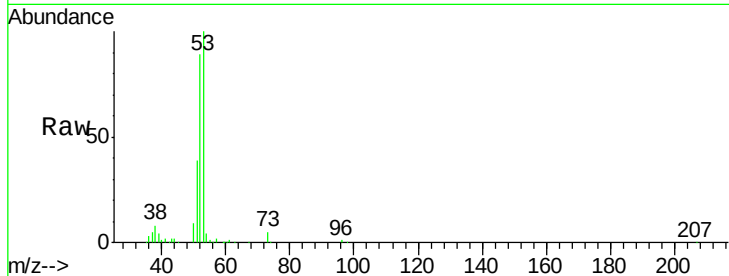
ClientSampleId :

VN0910MBS01

Tot Ion	53	Resp	248121
Ion Ratio	Lower	Upper	
53	100		
52	85.1	66.5	99.7
51	38.3	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 93.005 ug/l

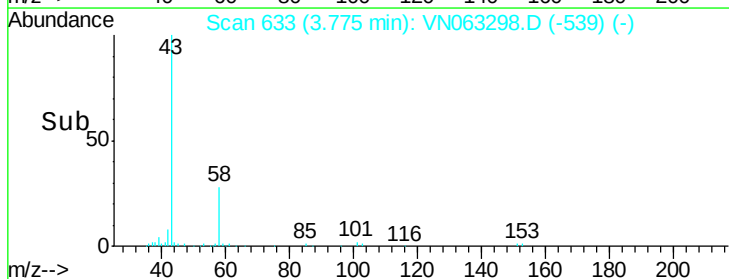
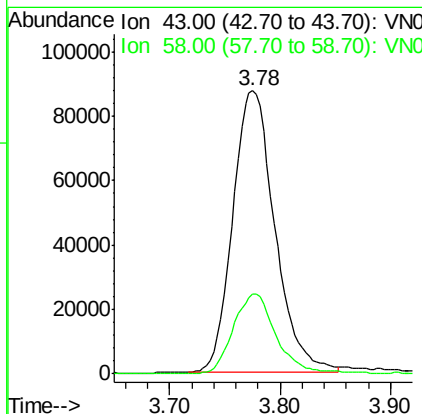
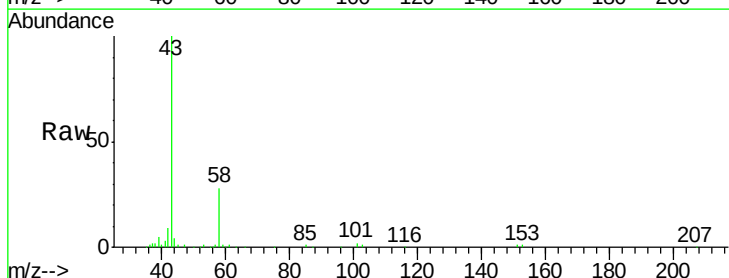
RT: 3.78 min Scan# 633

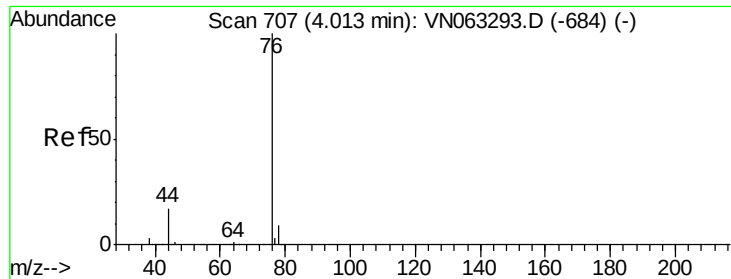
Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion	43	Resp	229735
Ion Ratio	Lower	Upper	
43	100		
58	28.4	22.6	34.0





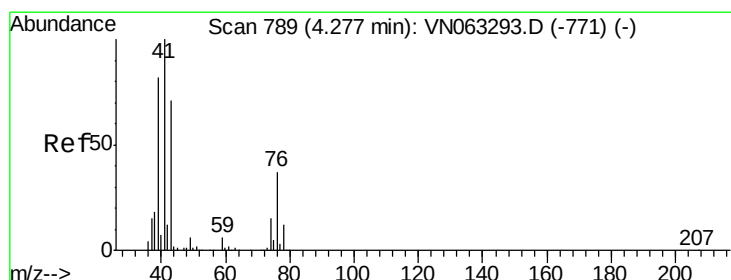
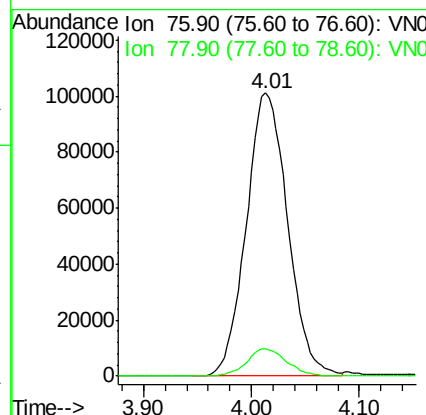
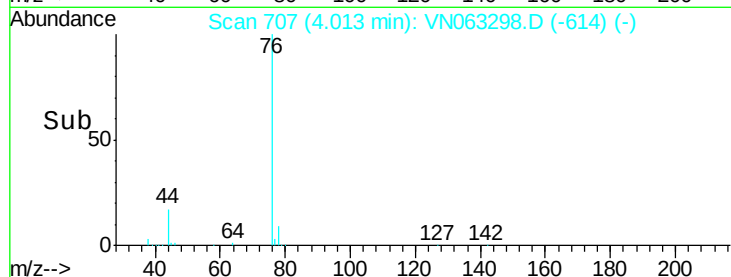
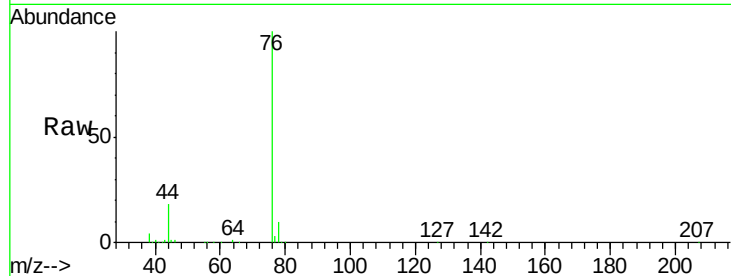
#17
Carbon Disulfide
Concen: 18.687 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.2	10.8

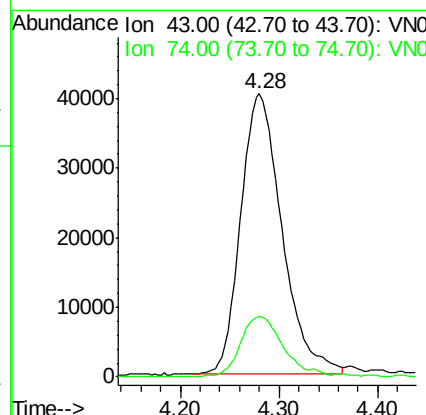
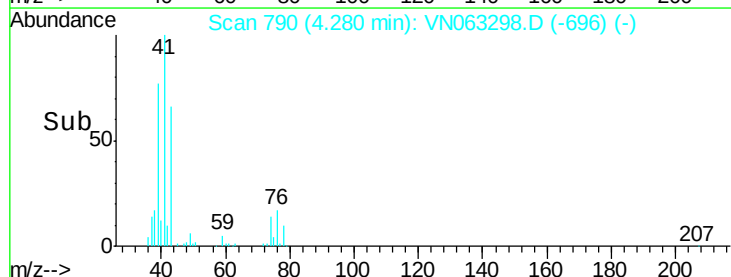
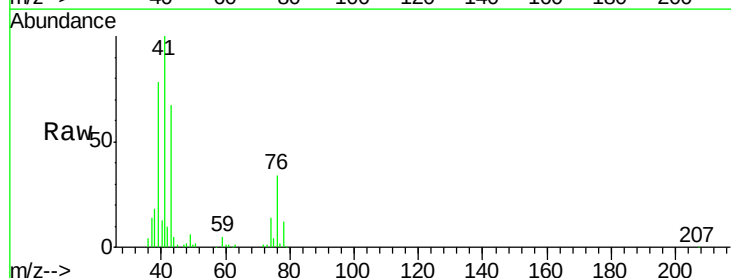
Manual Integrations
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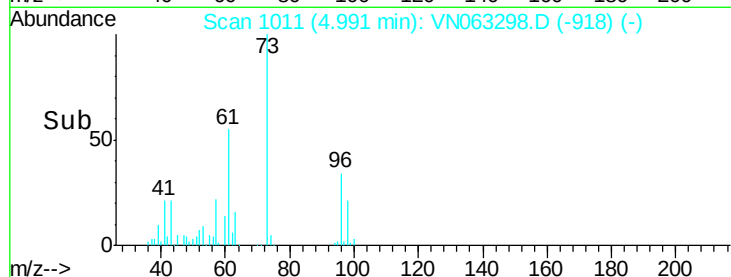
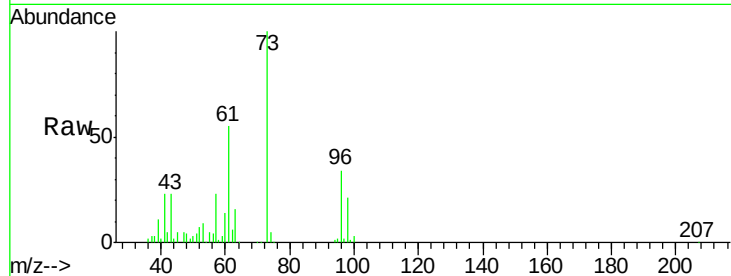
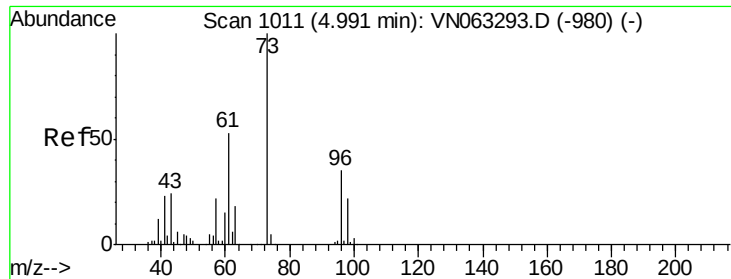
MMDadoda
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#18
Methyl Acetate
Concen: 18.902 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.8	26.6





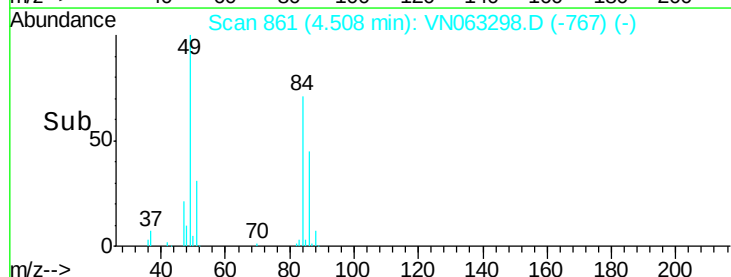
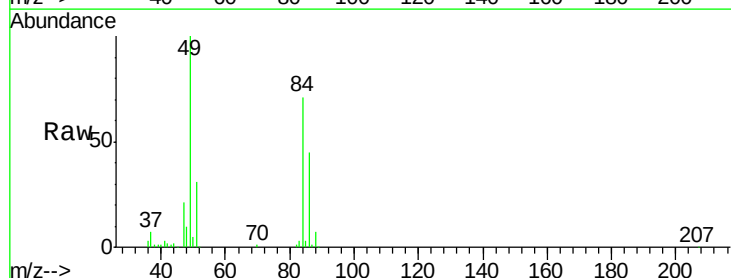
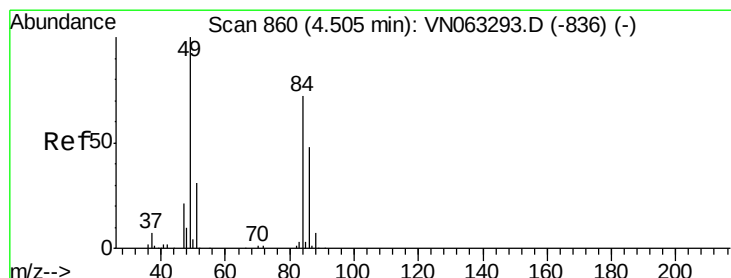
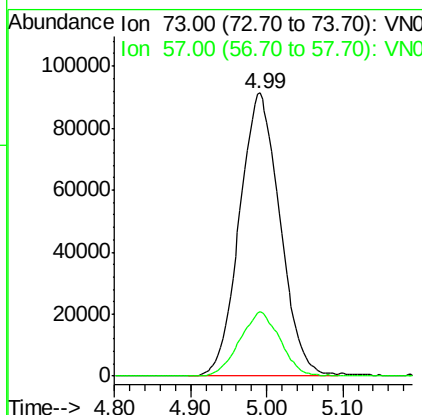
#19
Methyl tert-butyl Ether
Concen: 18.961 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tot Ion: 73 Resp: 338053
Ion Ratio Lower Upper
73 100
57 22.7 17.5 26.3

Instrument :
MSVOA_N
ClientSampled :
VN0910MBS01

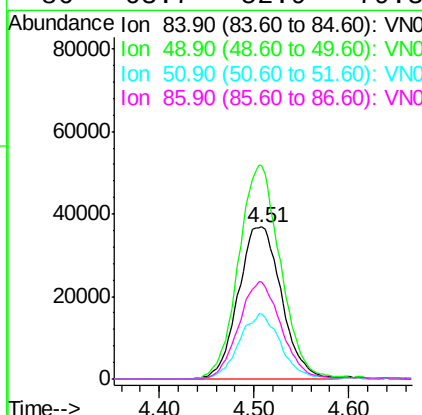
Manual Integrations
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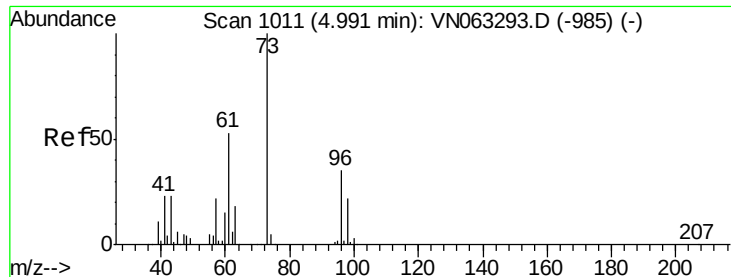
MMDadoda
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#20
Methylene Chloride
Concen: 20.043 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion: 84 Resp: 117008
Ion Ratio Lower Upper
84 100
49 140.3 111.1 166.7
51 43.1 34.3 51.5
86 63.7 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 18.519 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

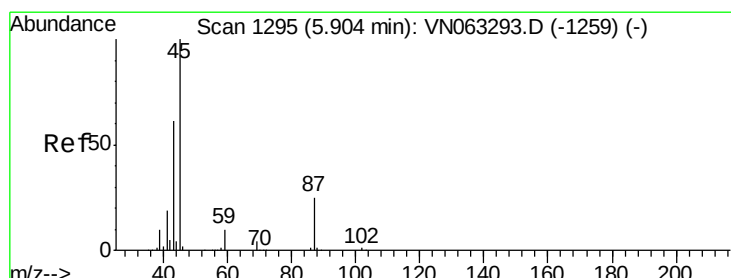
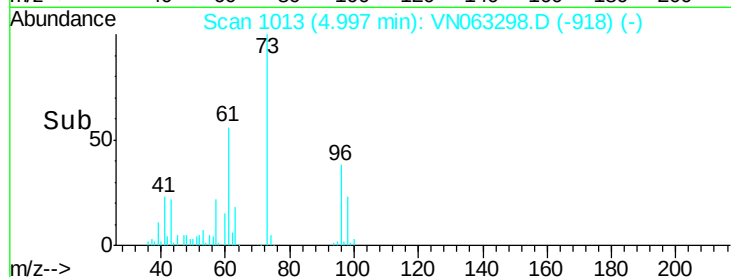
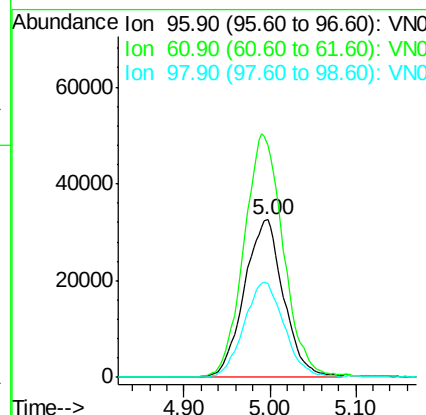
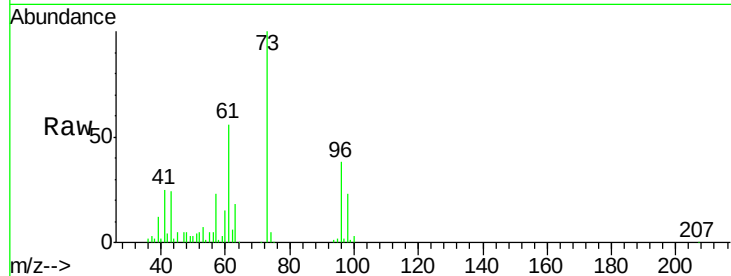
ClientSampleId :

VN0910MBS01

Tot Ion:	96	Resp:	103403
Ion	Ratio	Lower	Upper
96	100		
61	147.8	121.8	182.8
98	59.5	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.924 ug/l

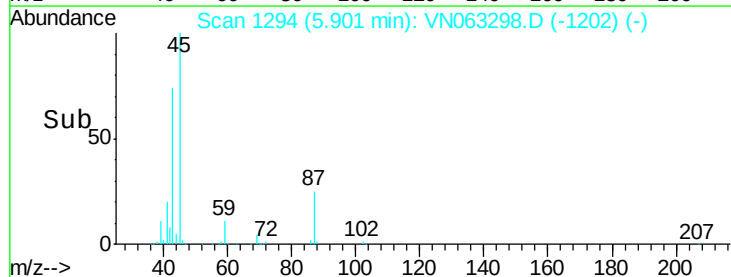
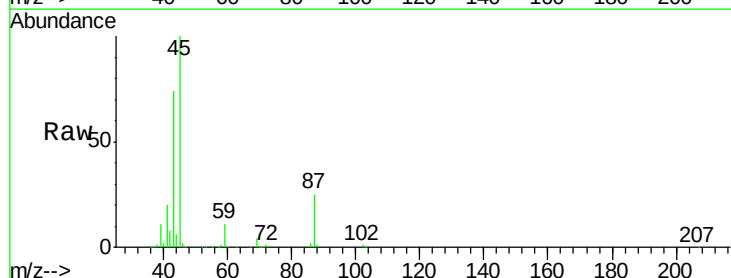
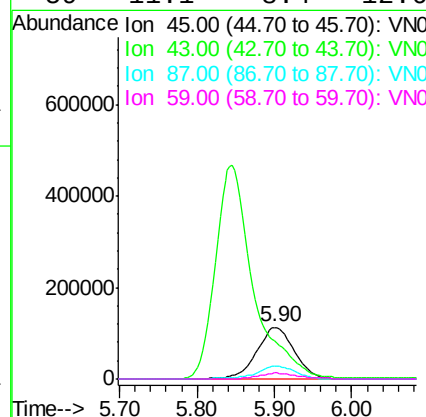
RT: 5.90 min Scan# 1294

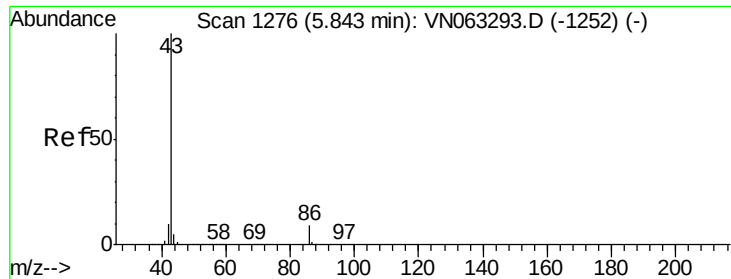
Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion:	45	Resp:	381446
Ion	Ratio	Lower	Upper
45	100		
43	71.3	50.3	75.5
87	24.7	20.7	31.1
59	11.1	8.4	12.6





#23

Vinyl Acetate

Concen: 101.173 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

Tot Ion: 43 Resp: 1605189

Ion Ratio Lower Upper

43 100

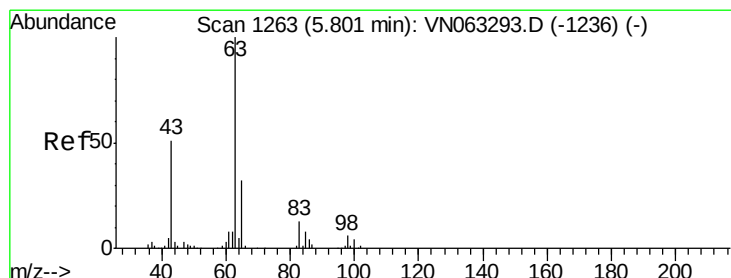
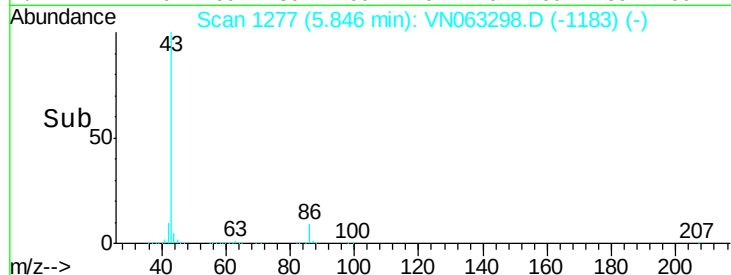
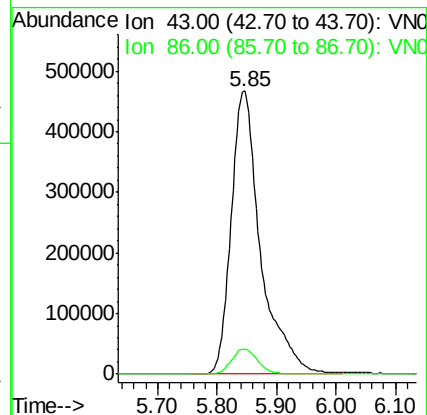
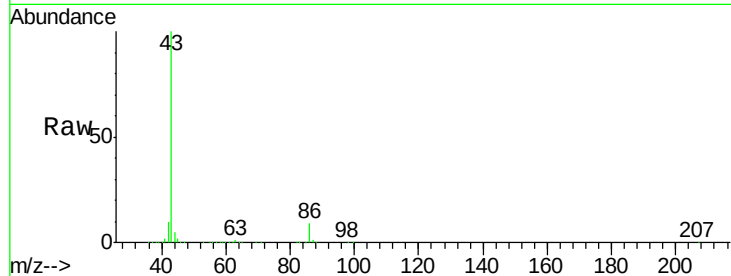
86 8.8 7.2 10.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.955 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

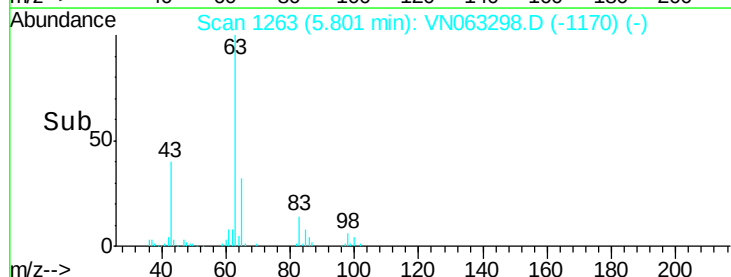
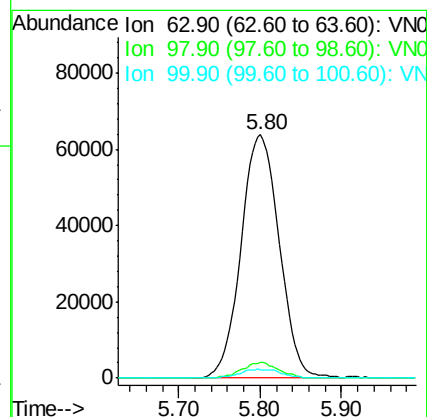
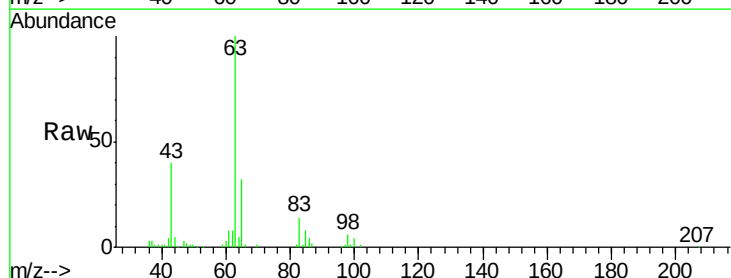
Tgt Ion: 63 Resp: 206908

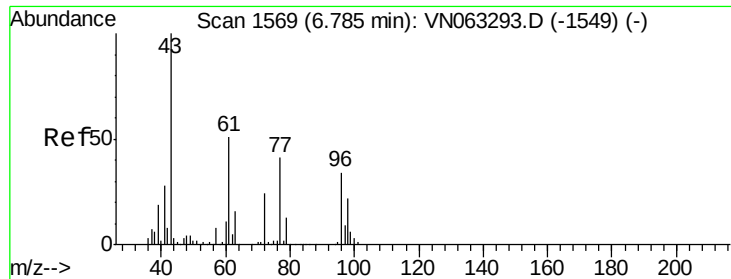
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

100 3.5 2.0 6.0





#25

2-Butanone

Concen: 98.121 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

VN0910MBS01

Tot Ion: 43 Resp: 358026

Ion Ratio Lower Upper

43 100

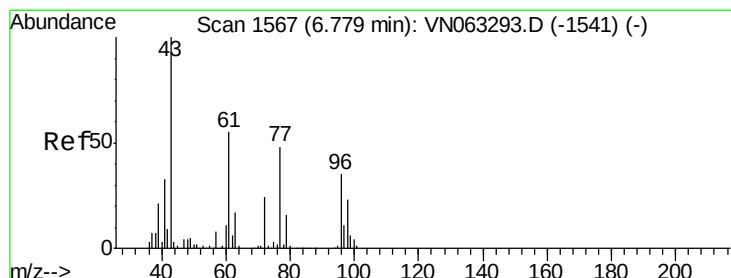
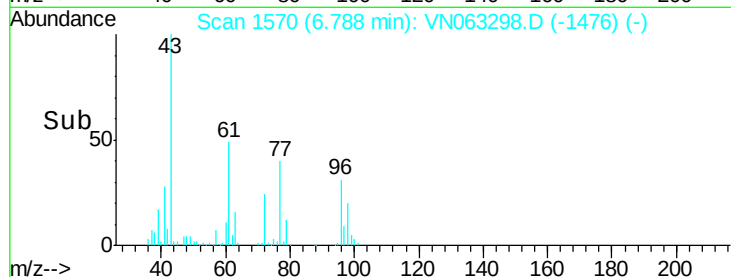
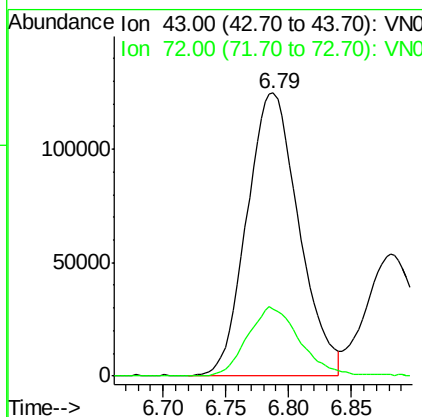
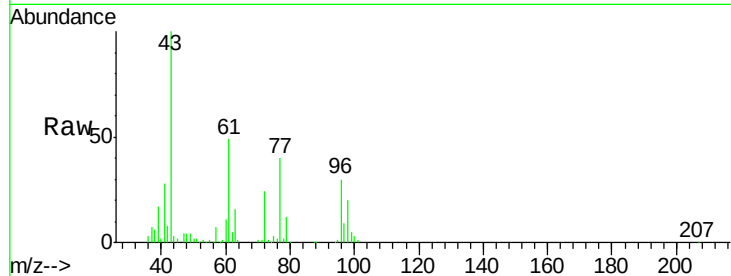
72 23.9 19.4 29.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.612 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063298.D

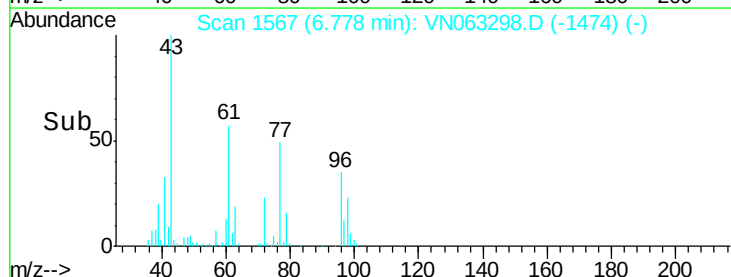
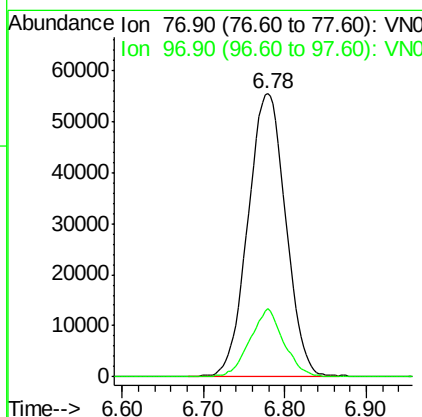
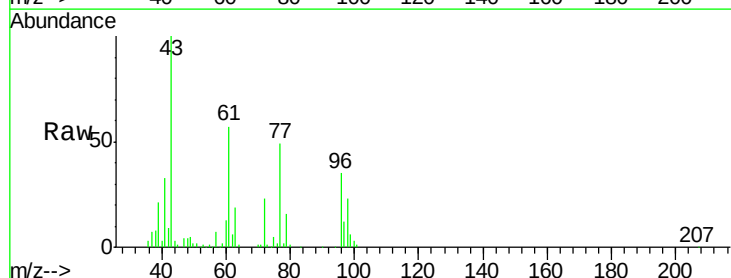
Acq: 10 Sep 2020 16:59

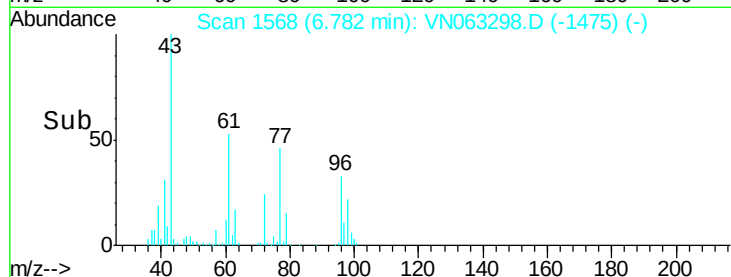
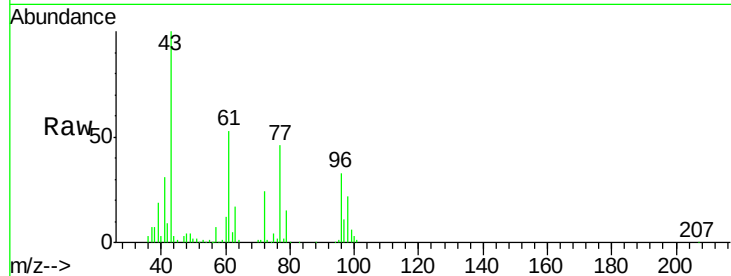
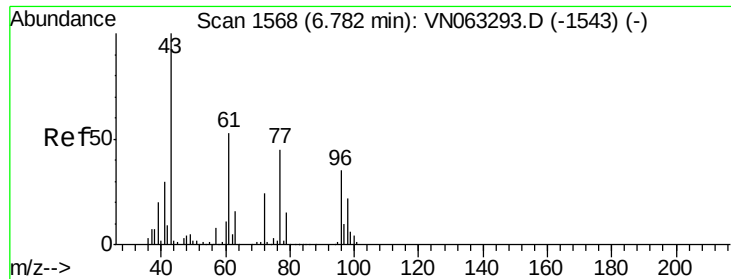
Tgt Ion: 77 Resp: 178067

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 18.417 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tot Ion:	96	Resp:	119845
Ion	Ratio	Lower	Upper
96	100		
61	161.6	0.0	322.8
98	64.0	0.0	132.2

Instrument :

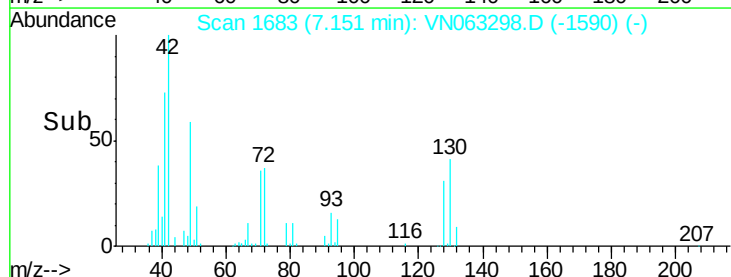
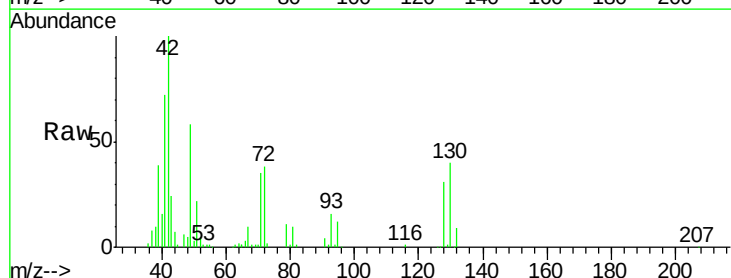
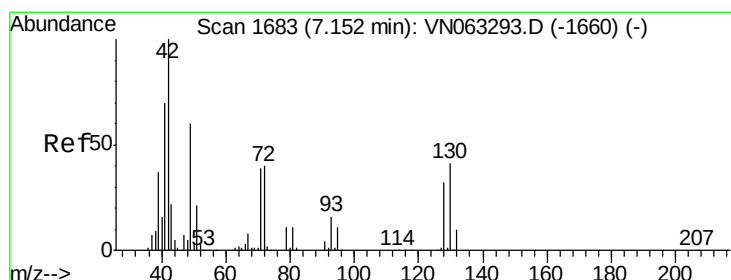
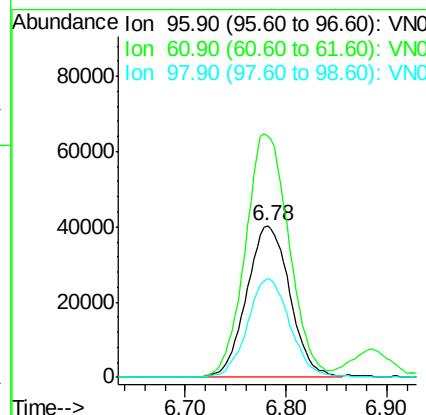
MSVOA_N

ClientSampleId :

VN0910MBS01

Manual Integrations
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#28

Bromochloromethane

Concen: 17.770 ug/l

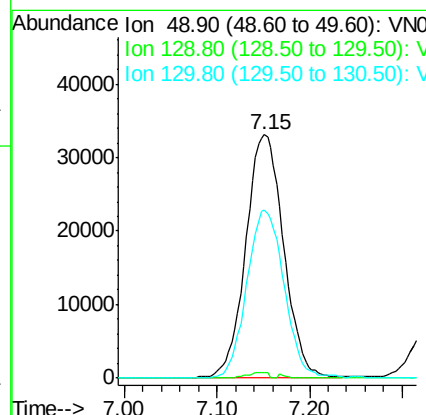
RT: 7.15 min Scan# 1683

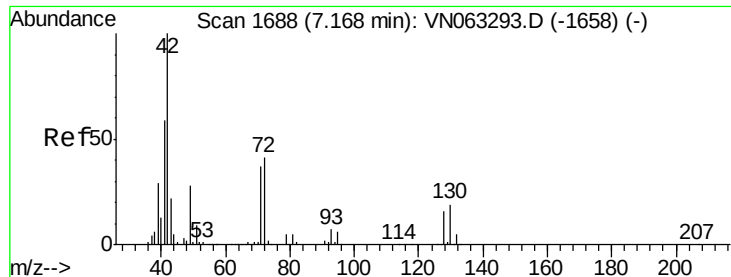
Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion:	49	Resp:	94060
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.4
130	67.4	53.1	79.7





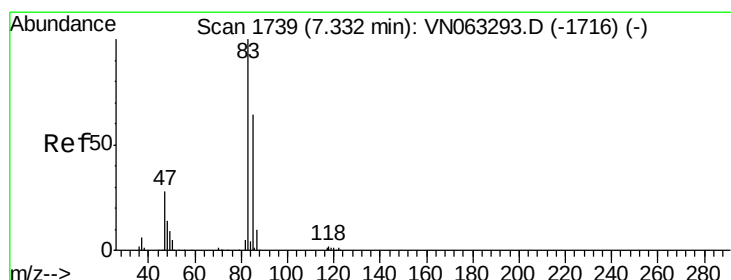
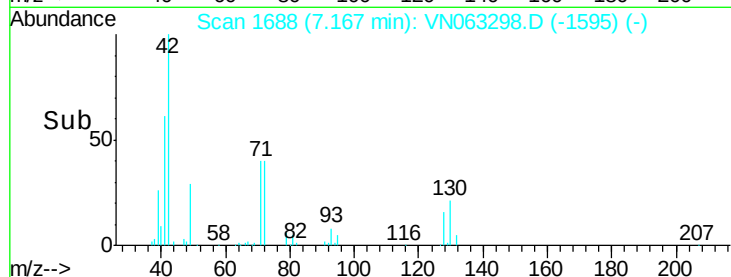
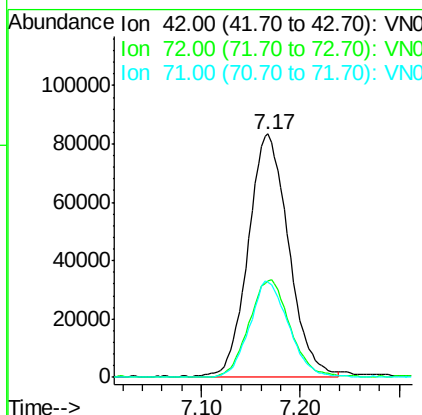
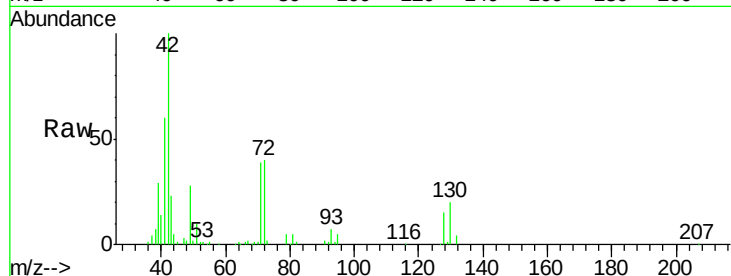
#29
Tetrahydrofuran
Concen: 98.812 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	31.4	47.2
71	38.6	30.0	45.0

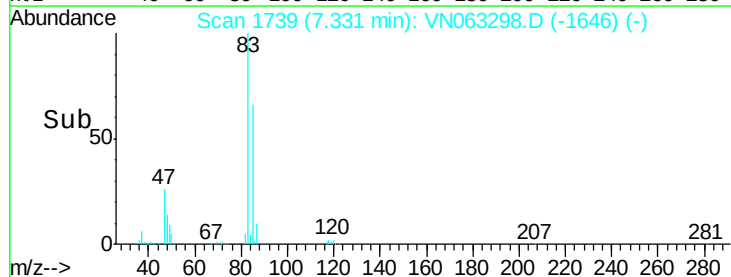
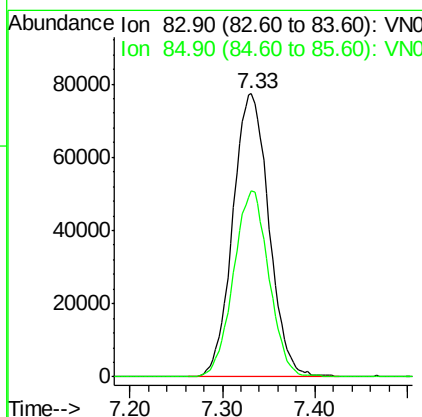
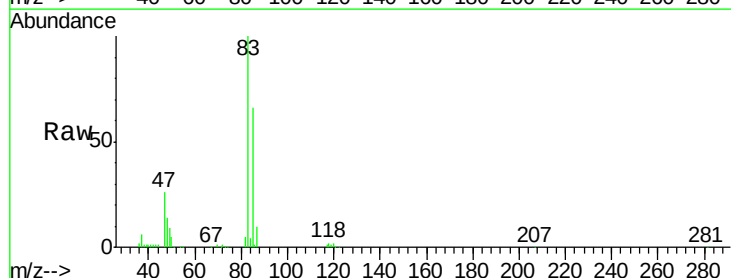
Manual Integrations
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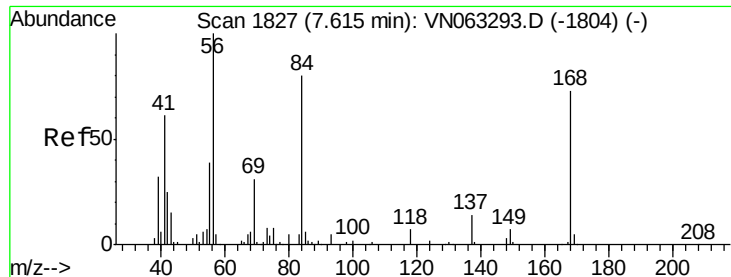
MMDadoda
9/11/2020 2:02:34 PM



#30
Chloroform
Concen: 19.128 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.2	76.8





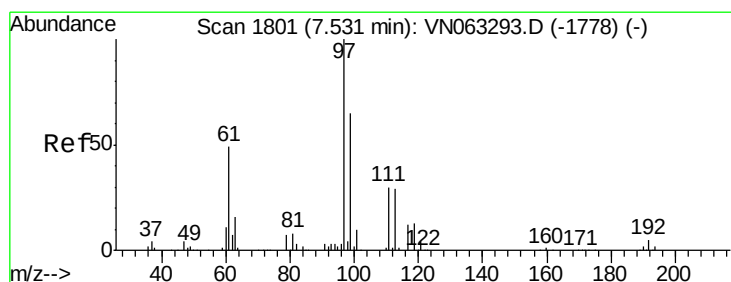
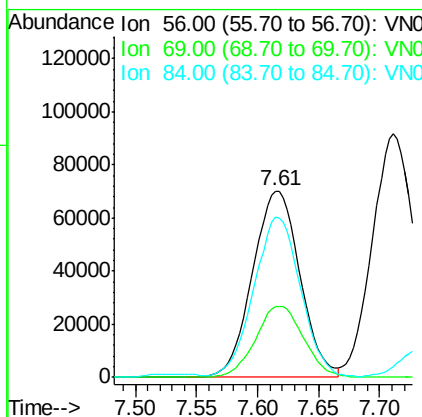
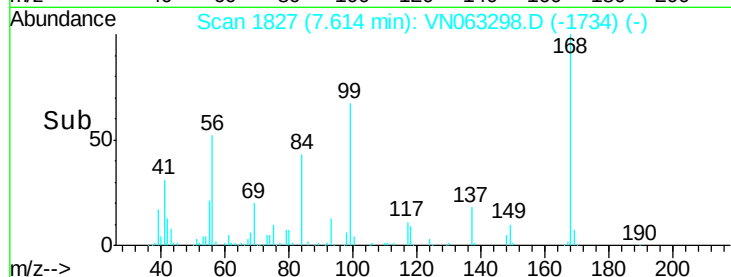
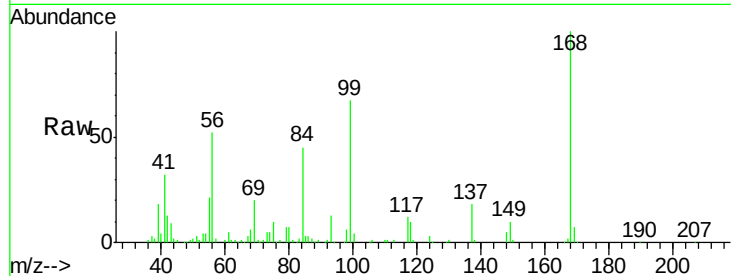
#31
Cyclohexane
Concen: 18.895 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.0	25.1	37.7#
84	84.6	64.2	96.2

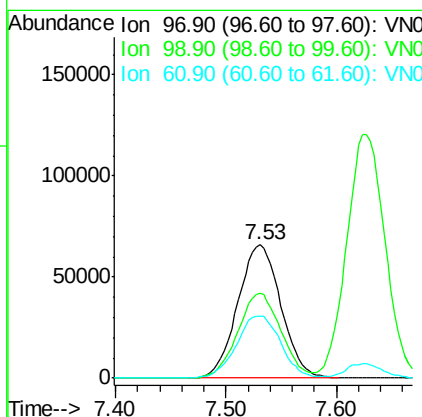
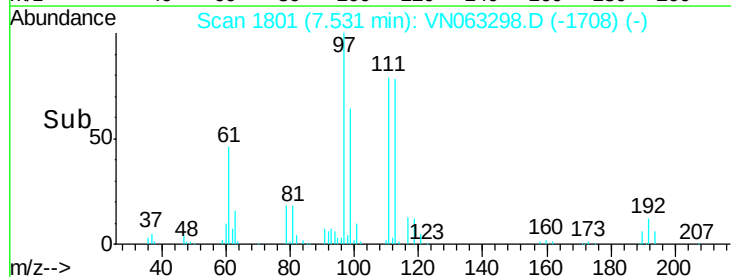
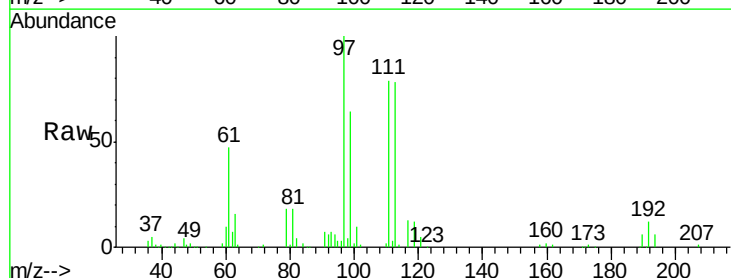
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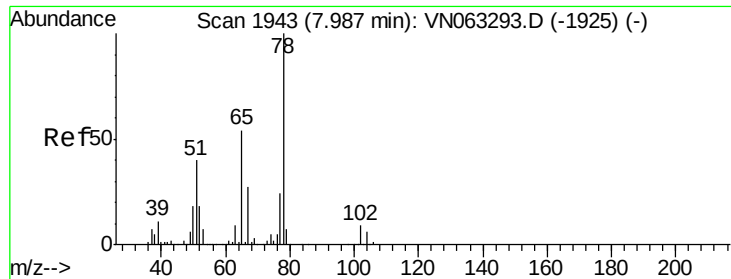
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#32
1,1,1-Trichloroethane
Concen: 18.756 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.2
61	47.9	38.9	58.3





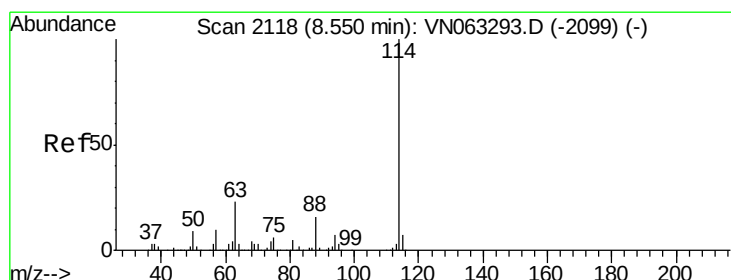
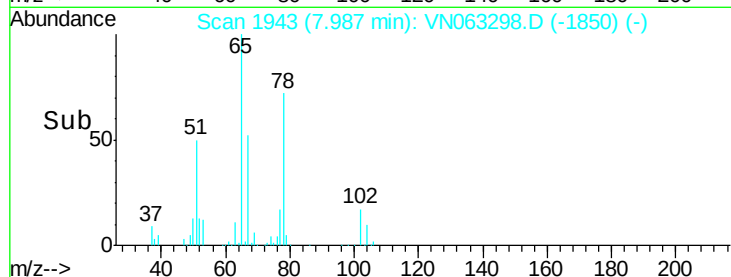
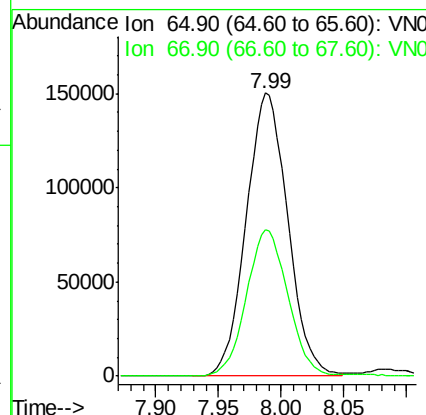
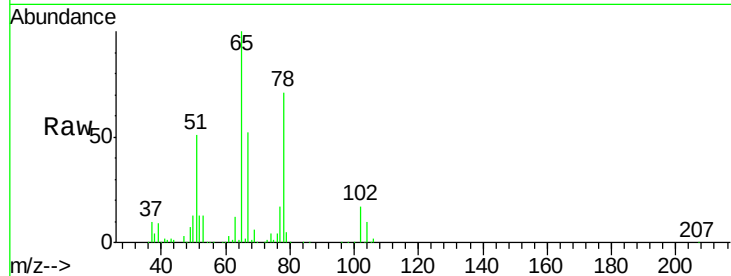
#33
 1,2-Dichloroethane-d4
 Concen: 48.474 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.7	0.0	104.6	

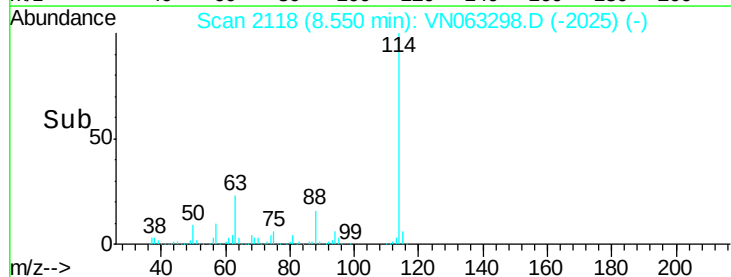
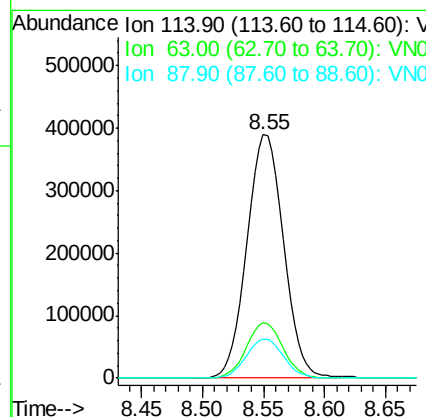
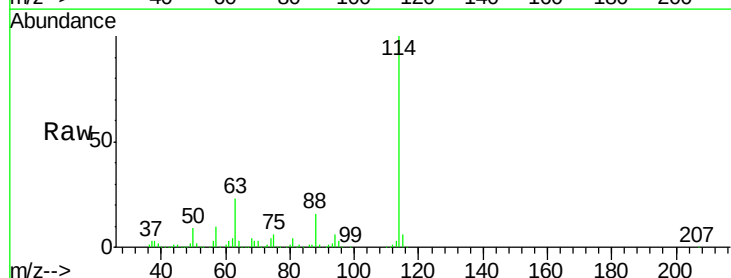
Manual Integrations
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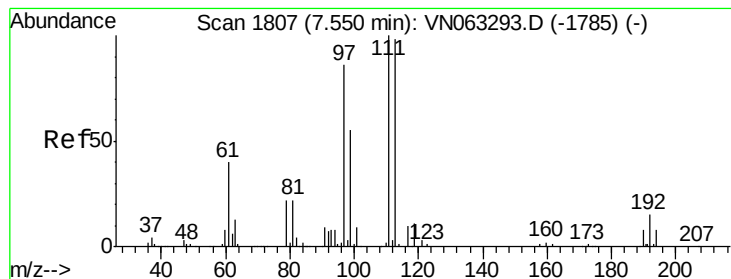
MMDadoda
 9/11/2020 2:02:34 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.6	0.0	46.0	
88	15.9	0.0	32.8	





#35

Dibromofluoromethane

Concen: 48.616 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

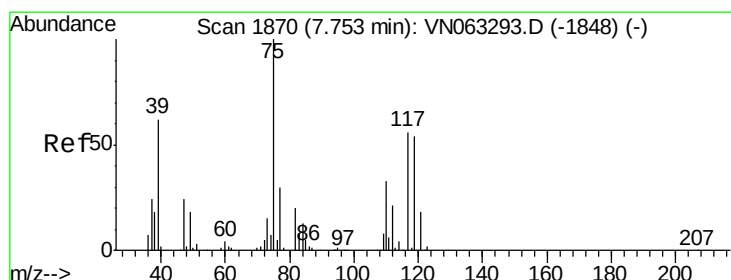
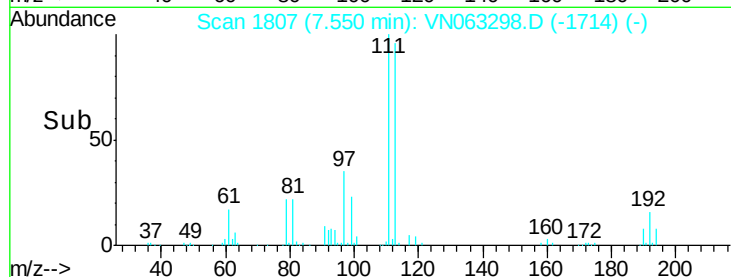
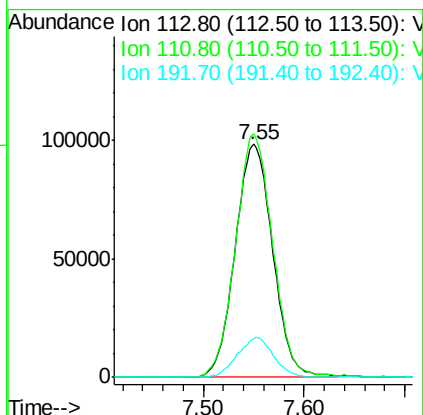
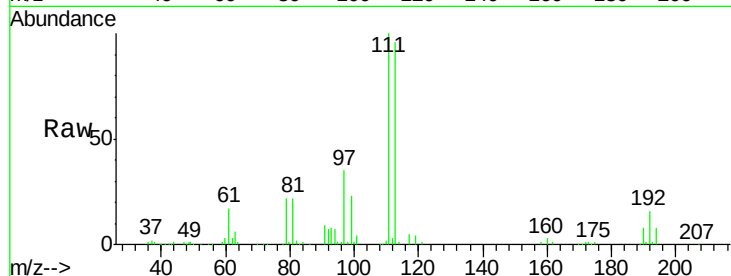
ClientSampled :

VN0910MBS01

Tot Ion:	113	Resp:	253965
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.2	123.2
192	16.5	12.9	19.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.663 ug/l

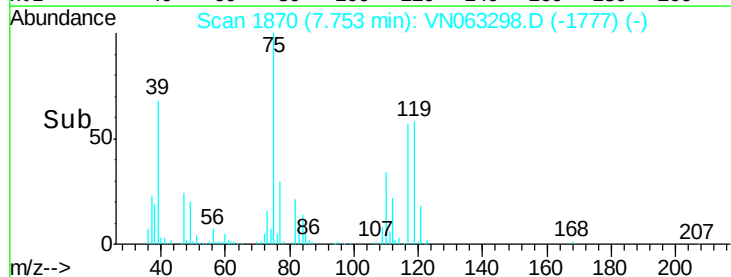
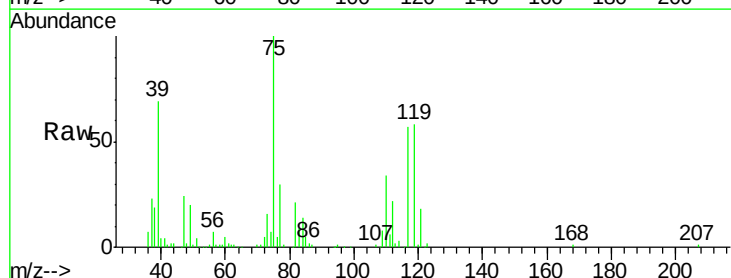
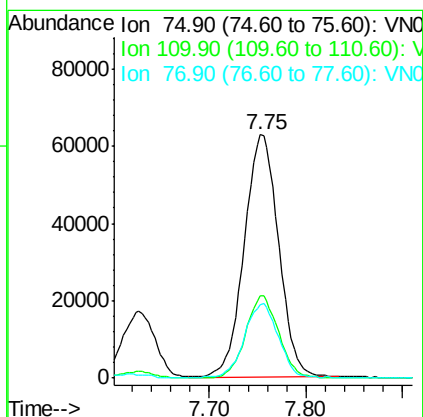
RT: 7.75 min Scan# 1870

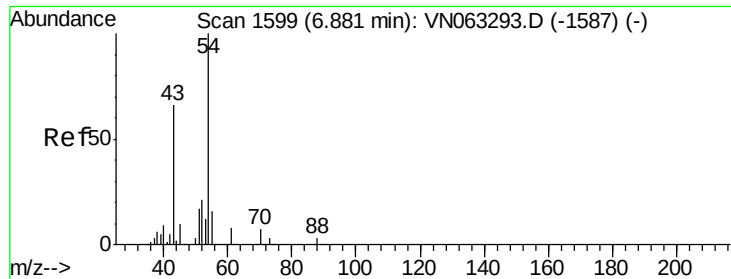
Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion:	75	Resp:	155337
Ion Ratio	Lower	Upper	
75	100		
110	32.6	16.4	49.4
77	30.5	24.8	37.2





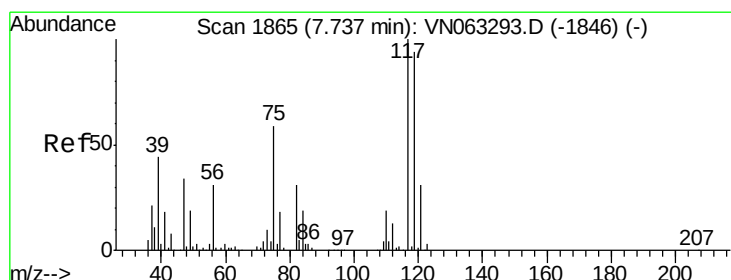
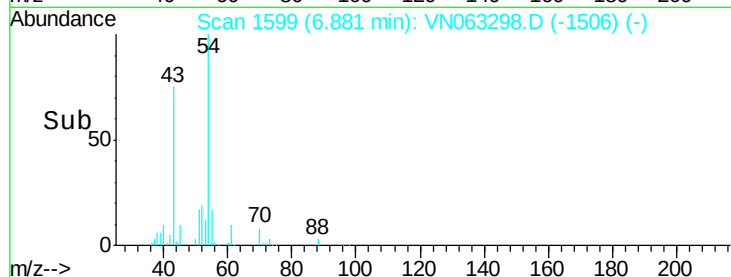
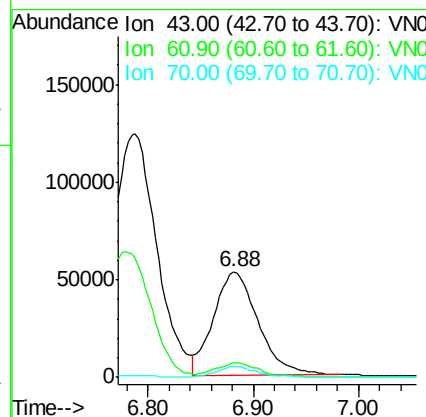
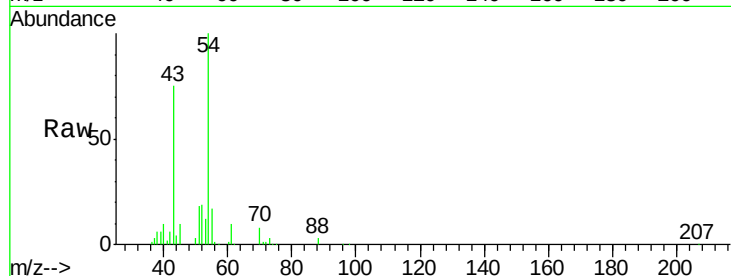
#37
Ethyl Acetate
Concen: 19.116 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	10.7	10.1	15.1
70	9.7	7.4	11.2

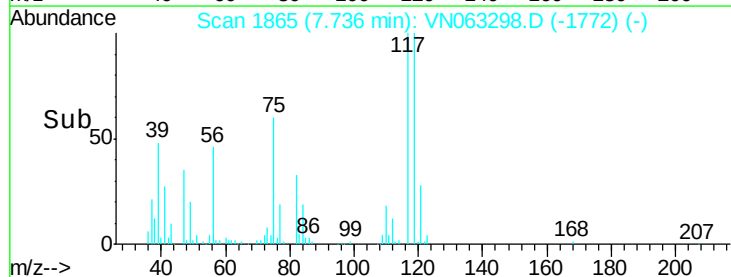
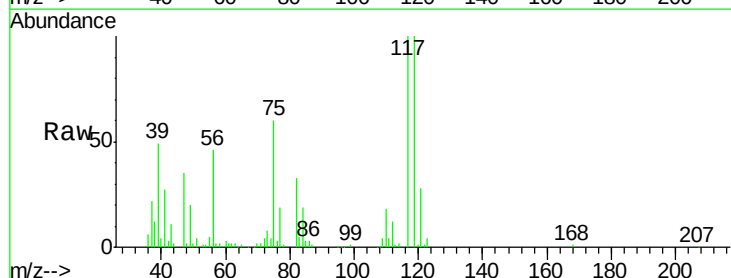
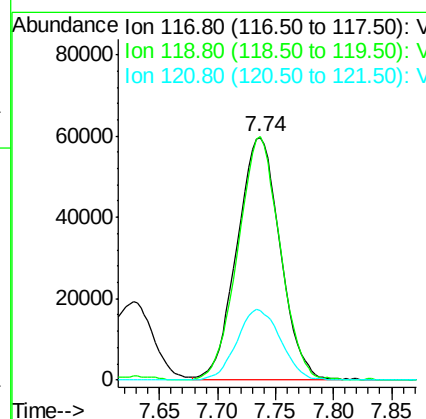
Manual Integrations
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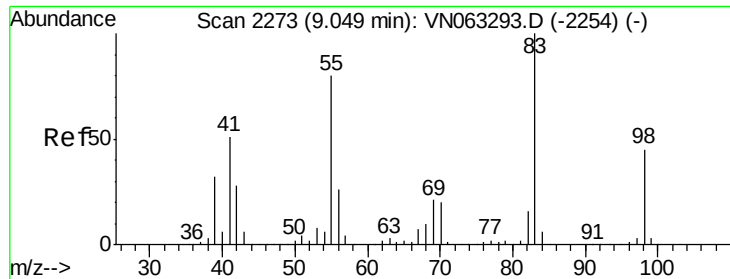
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#38
Carbon Tetrachloride
Concen: 18.670 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	75.3	112.9
121	28.7	24.6	37.0





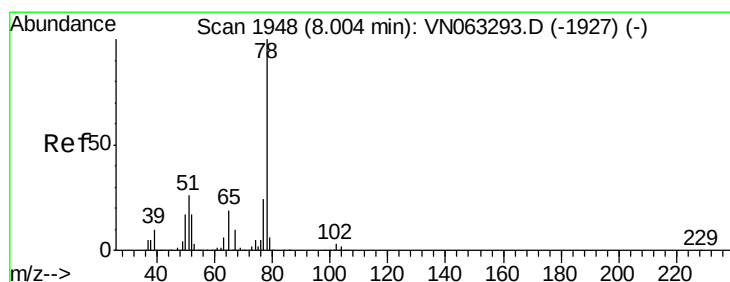
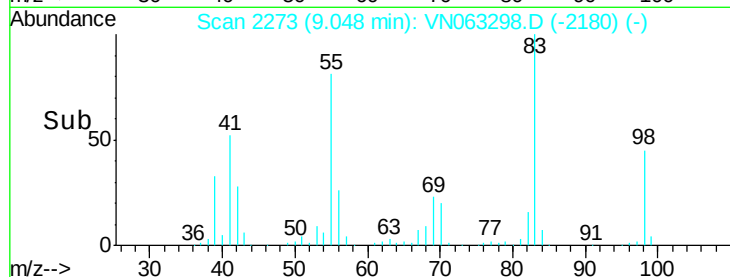
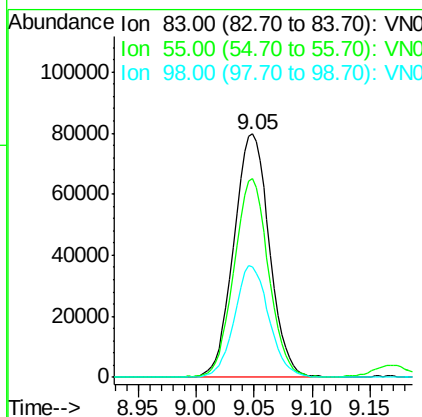
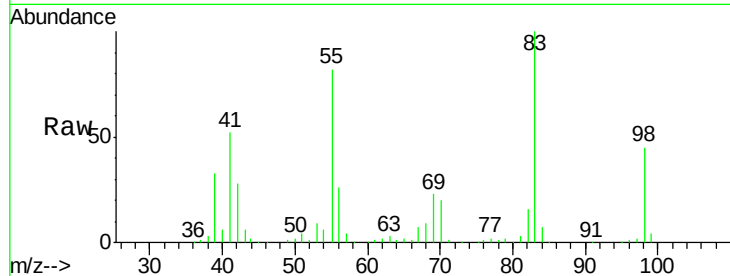
#39
Methylvlcyclohexane
Concen: 18.671 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.7	64.0	96.0	
98	45.3	36.4	54.6	

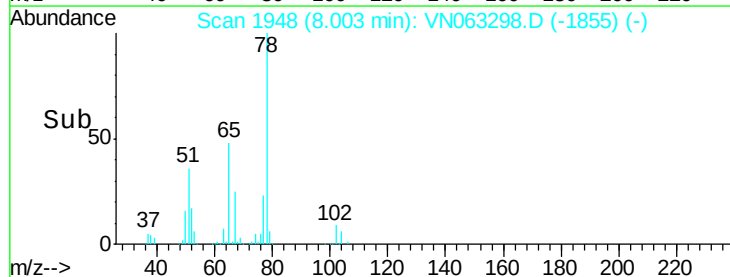
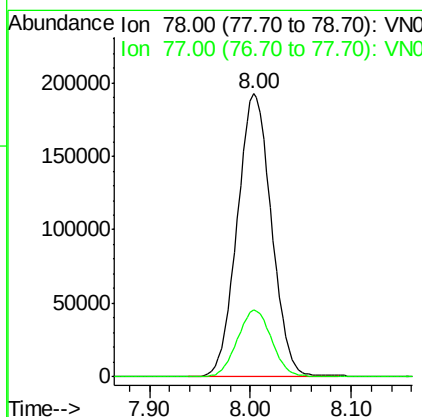
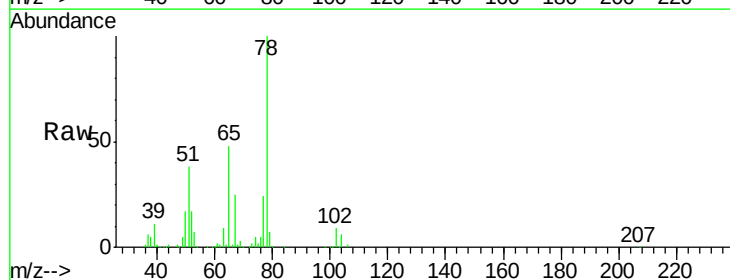
Manual Integrations
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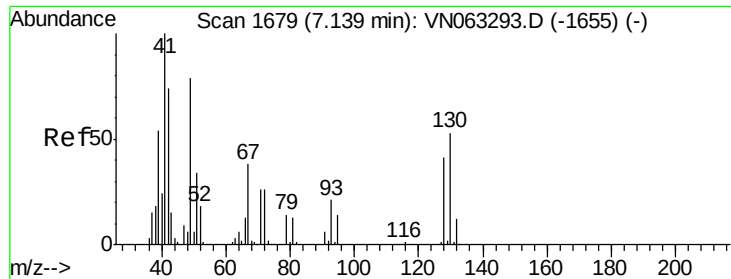
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#40
Benzene
Concen: 19.037 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	18.8	28.2	





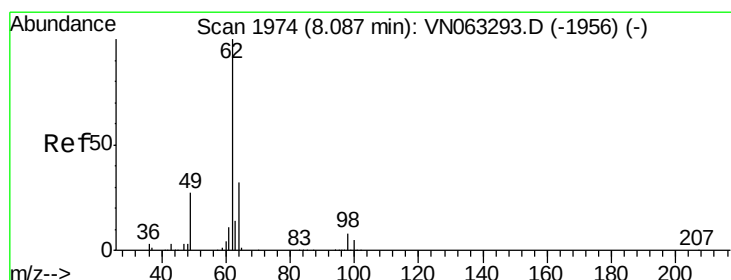
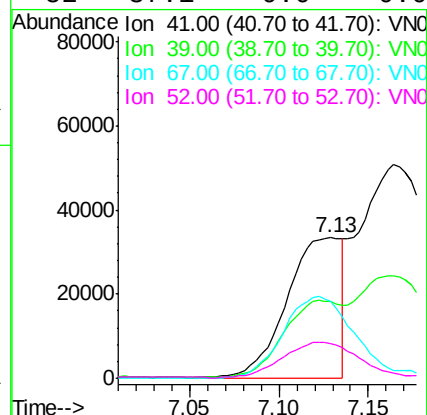
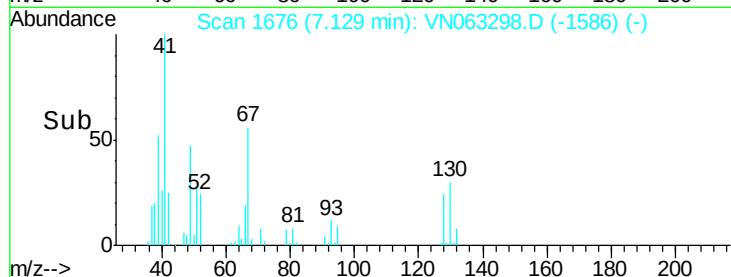
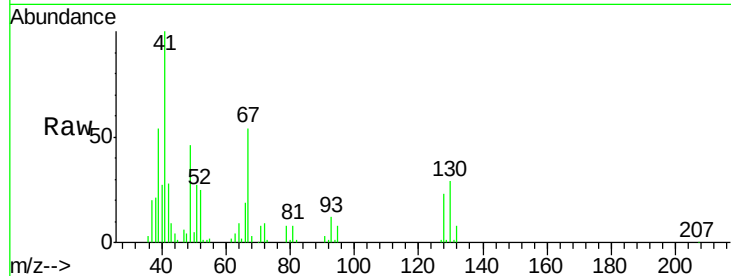
#41
Methacrylonitrile
Concen: 19.256 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.3	0.0	0.0#
67	77.1	0.0	0.0#
52	37.1	0.0	0.0#

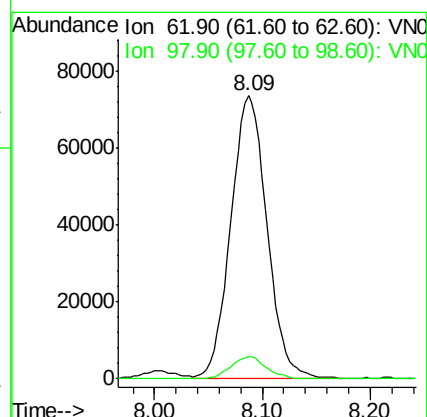
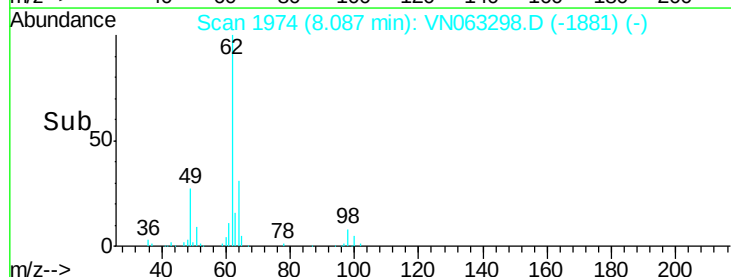
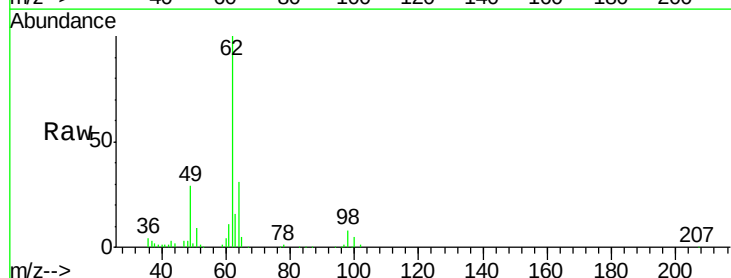
Manual Integrations
APPROVED

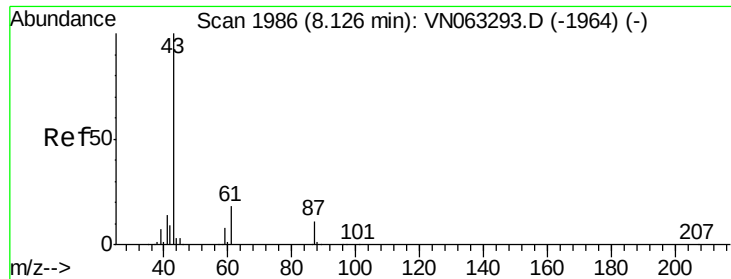
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.013 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.4





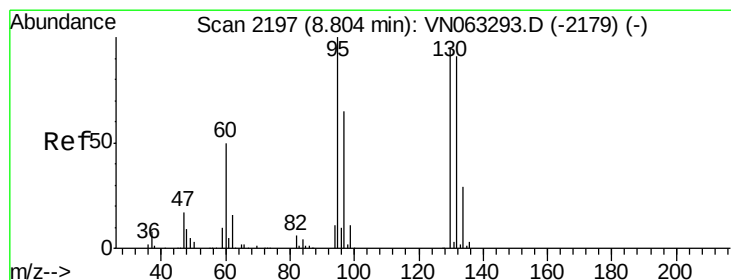
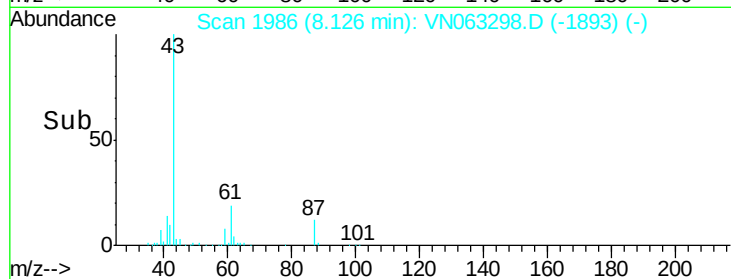
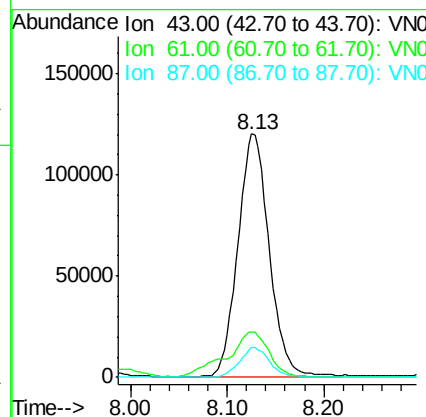
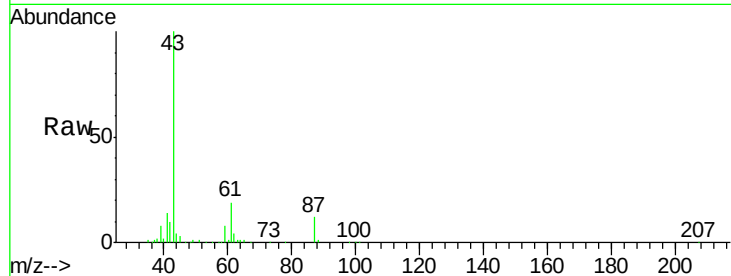
#43
Isopropyl Acetate
Concen: 19.396 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.3	15.1	22.7#
87	11.9	9.2	13.8

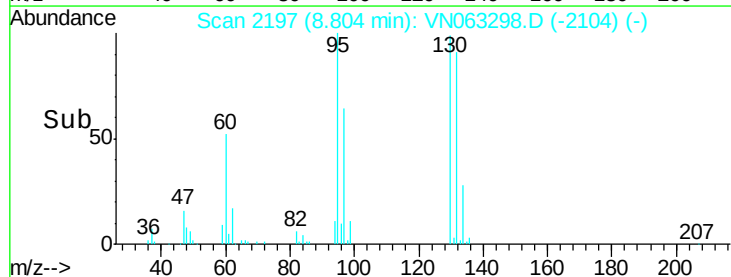
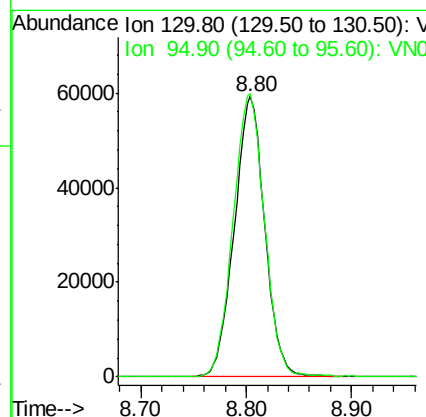
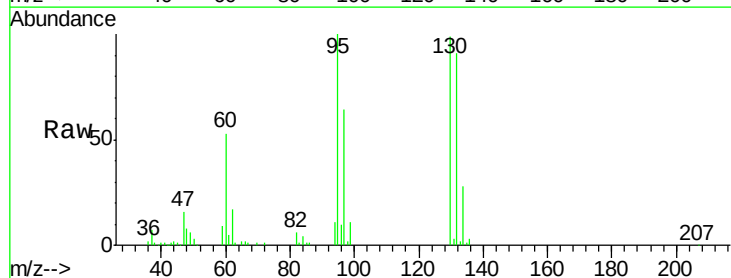
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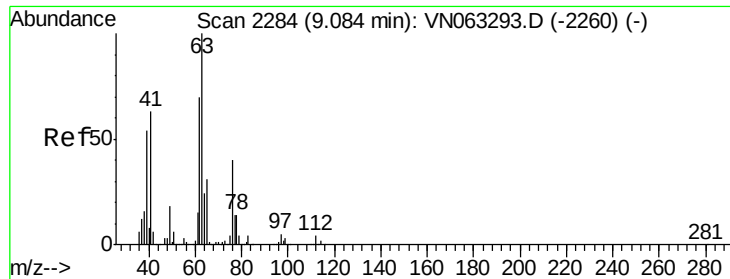
MMDadoda
9/11/2020 2:02:34 PM



#44
Trichloroethene
Concen: 19.011 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	210.8





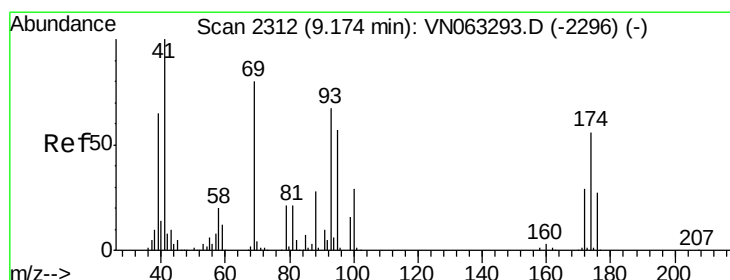
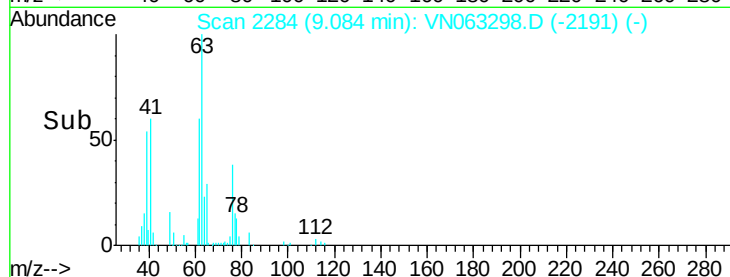
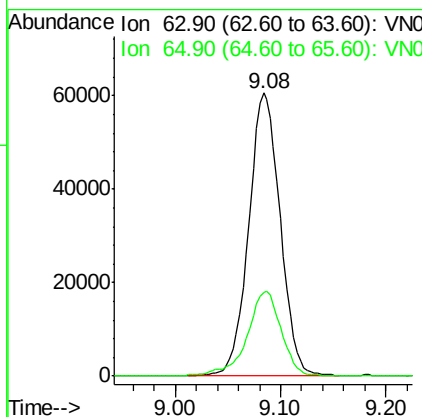
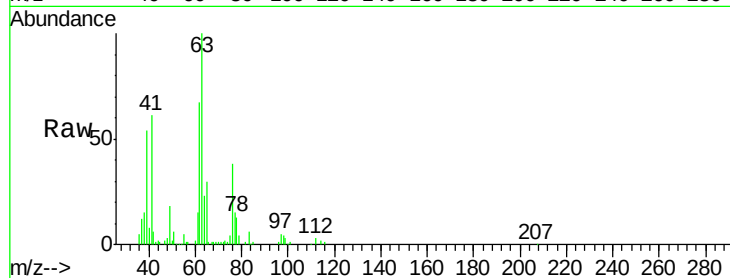
#45
 1,2-Dichloropropane
 Concen: 19.368 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampled :
 VN0910MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.6	36.8

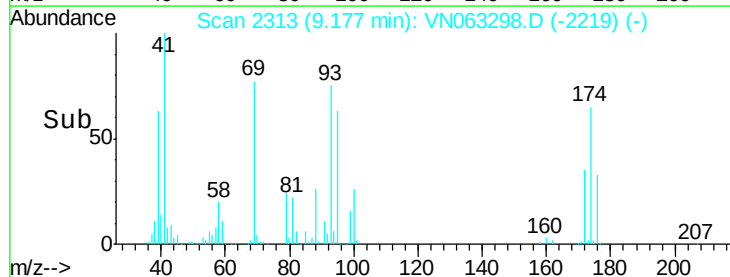
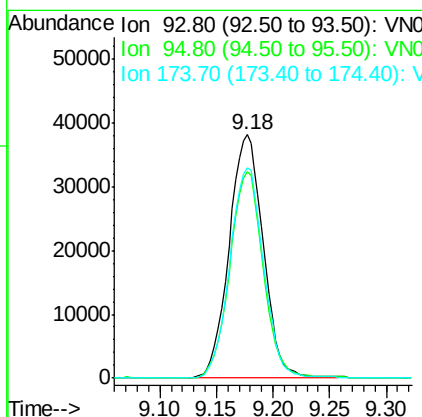
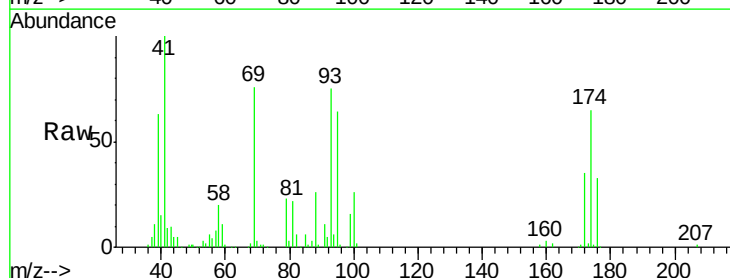
Manual Integrations
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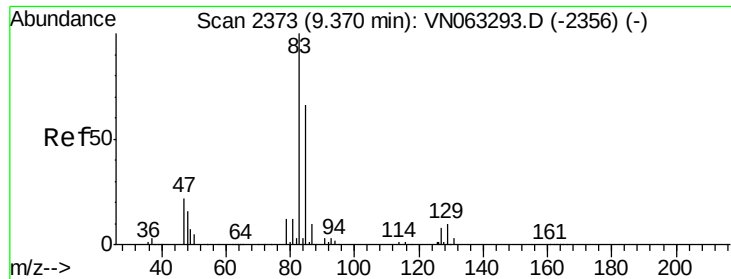
MMDadoda
 9/11/2020 2:02:34 PM



#46
 Dibromomethane
 Concen: 18.943 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.9	101.9
174	85.4	66.9	100.3





#47

Bromodichloromethane

Concen: 18.670 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

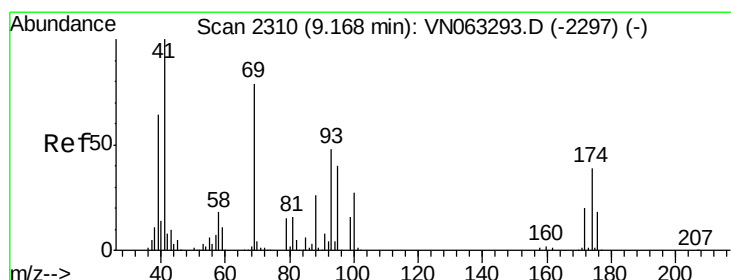
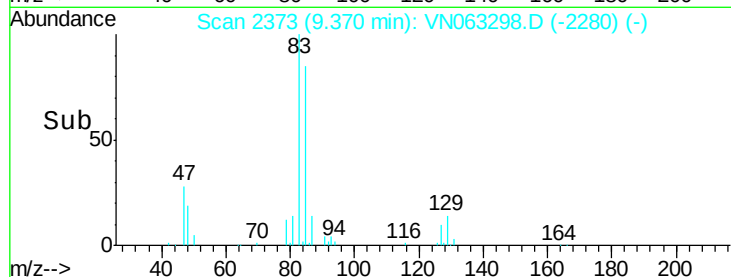
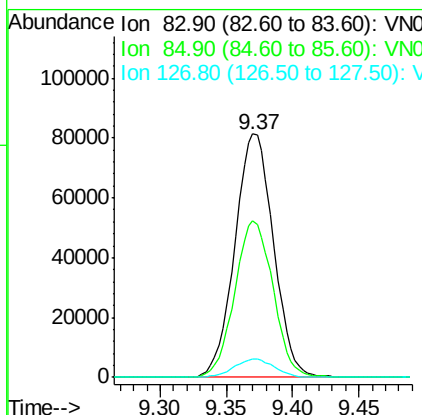
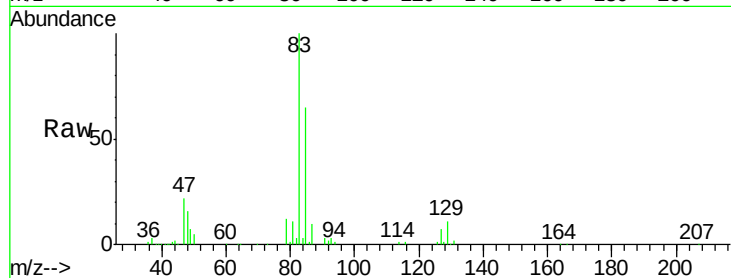
ClientSampleId :

VN0910MBS01

Tot Ion:	83	Resp:	164519
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.5	78.7
127	7.4	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.927 ug/l

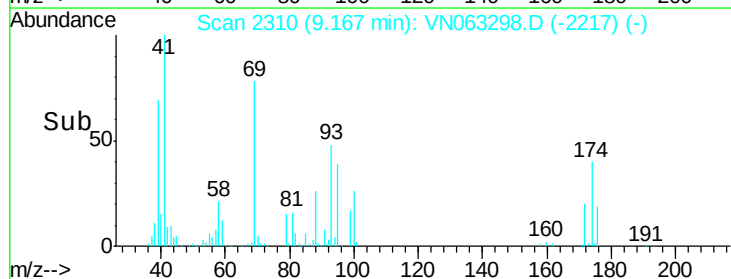
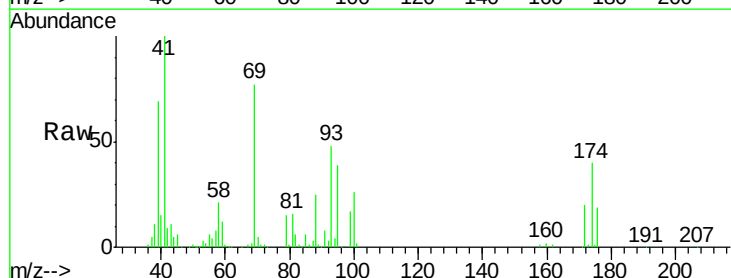
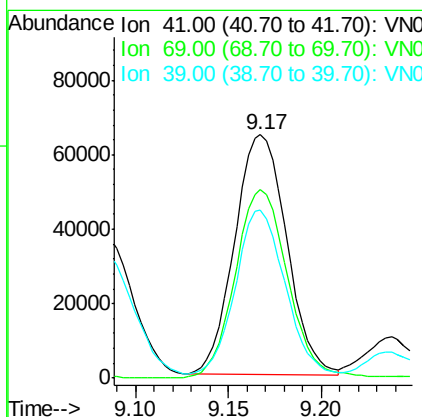
RT: 9.17 min Scan# 2310

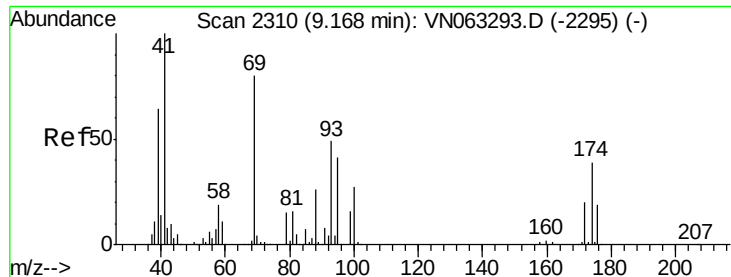
Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion:	41	Resp:	125237
Ion	Ratio	Lower	Upper
41	100		
69	79.7	63.6	95.4
39	68.0	53.2	79.8





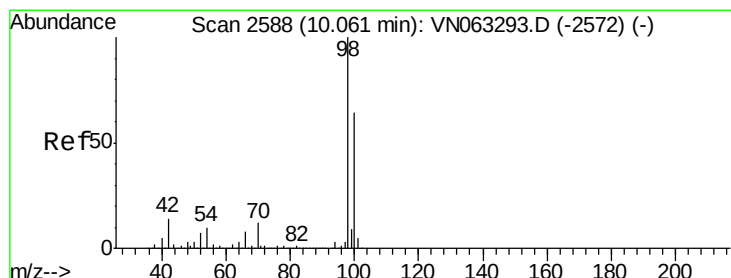
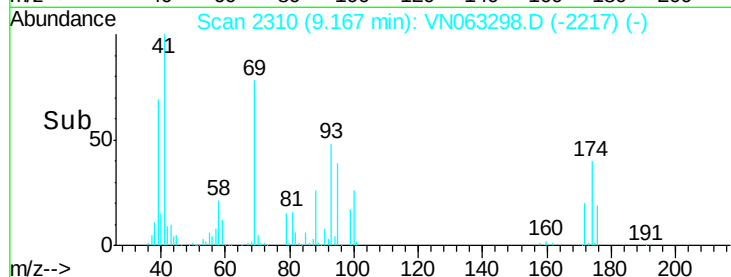
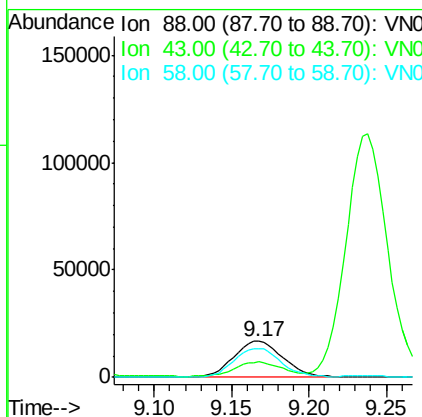
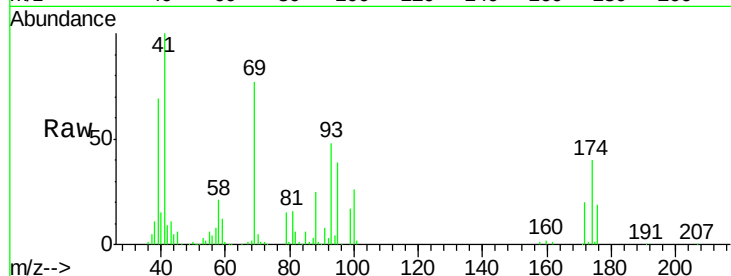
#49
1,4-Dioxane
Concen: 362.831 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampled :
VN0910MBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	38.4	30.5	45.7	
58	76.7	58.9	88.3	

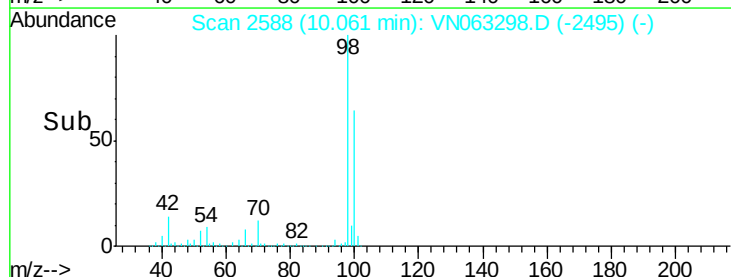
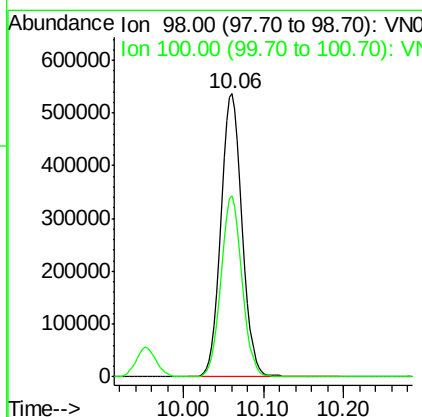
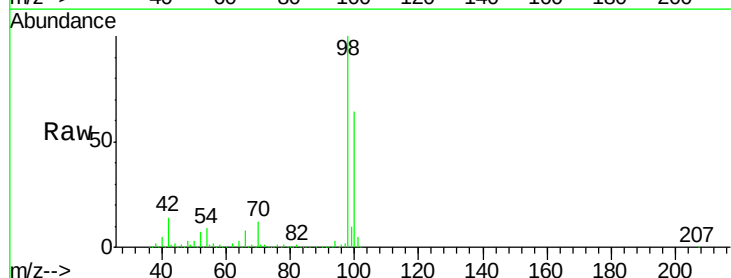
Manual Integrations
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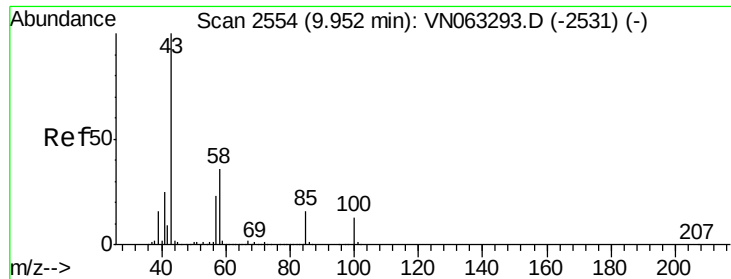
MMDadoda
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#50
Toluene-d8
Concen: 49.182 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	63.0	50.7	76.1	





#51

4-Methyl-2-Pentanone

Concen: 102.795 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

VN0910MBS01

Tot Ion: 43 Resp: 785583

Ion Ratio Lower Upper

43 100

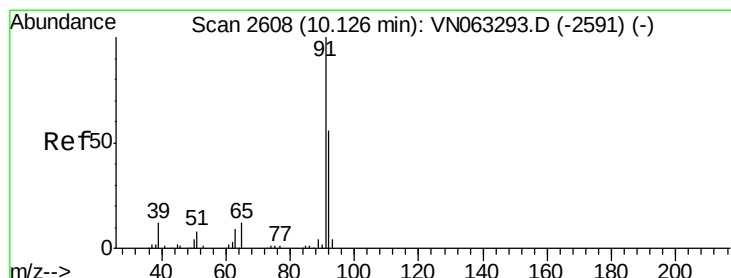
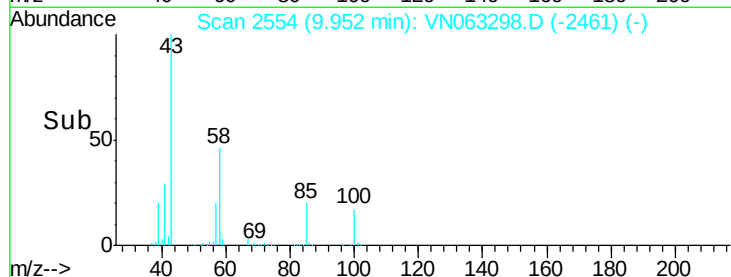
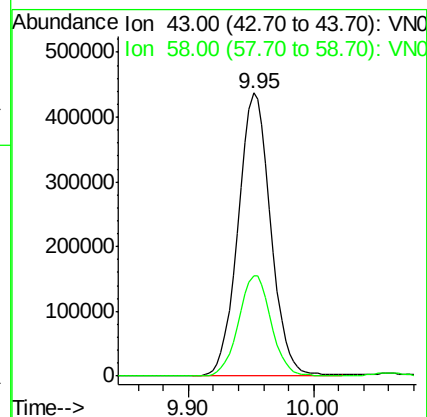
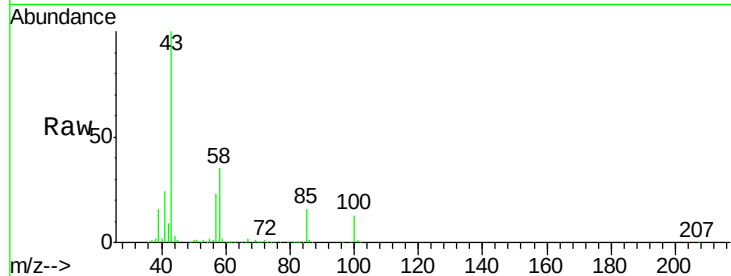
58 35.8 29.0 43.4

Manual Integrations

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#52

Toluene

Concen: 19.232 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063298.D

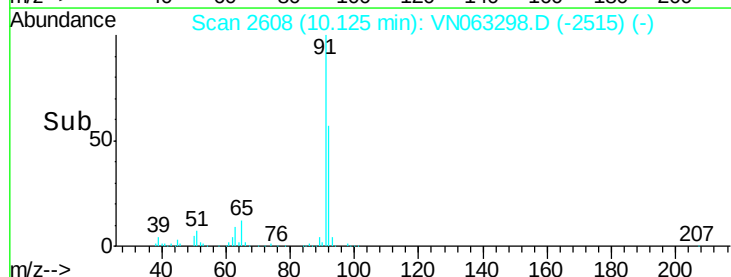
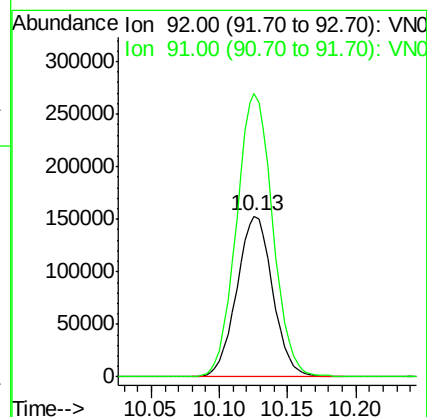
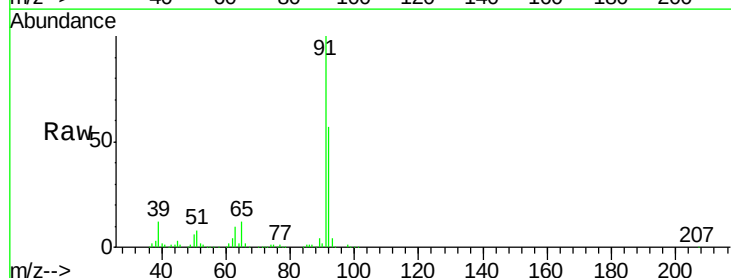
Acq: 10 Sep 2020 16:59

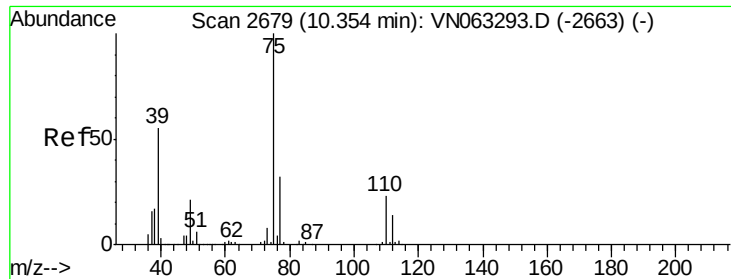
Tgt Ion: 92 Resp: 279139

Ion Ratio Lower Upper

92 100

91 178.1 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 19.079 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

VN0910MBS01

Tot Ion: 75 Resp: 183334

Ion Ratio Lower Upper

75 100

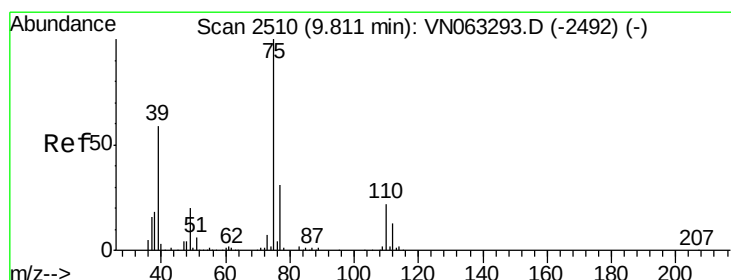
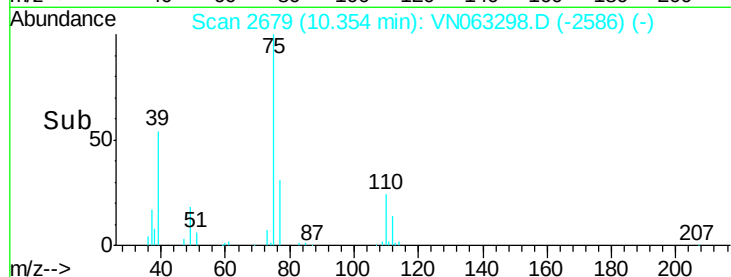
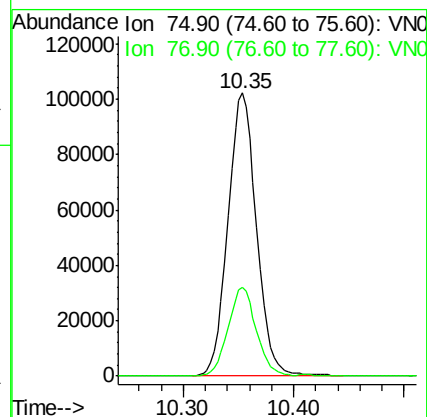
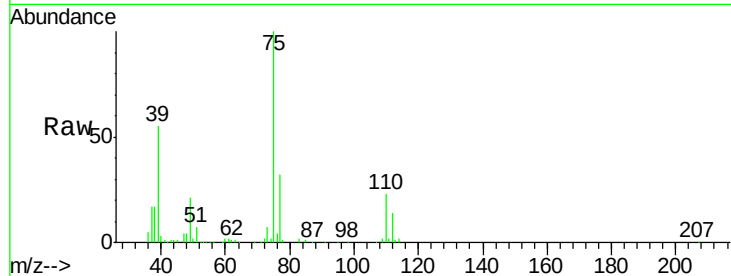
77 31.4 25.7 38.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.159 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

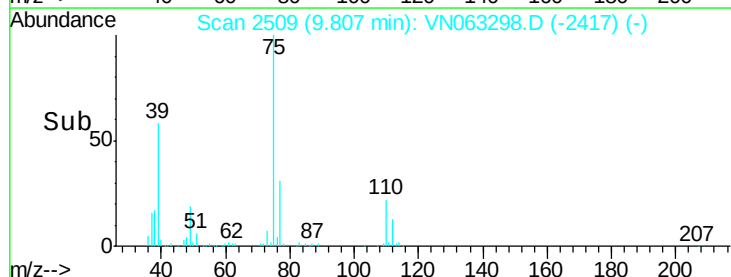
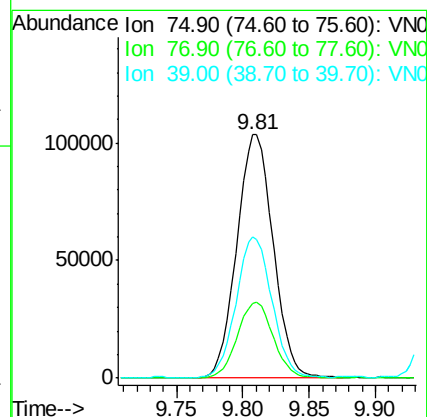
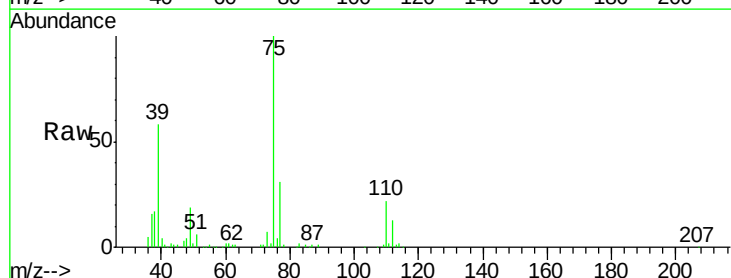
Tgt Ion: 75 Resp: 198223

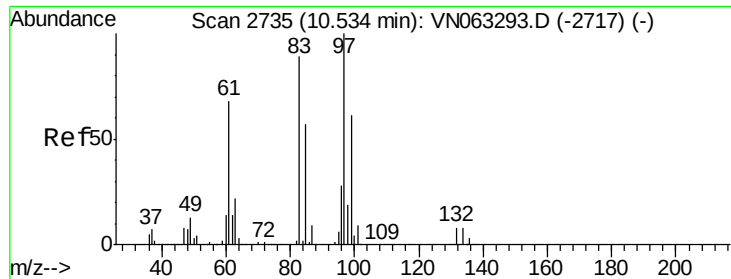
Ion Ratio Lower Upper

75 100

77 30.6 24.7 37.1

39 57.9 47.2 70.8





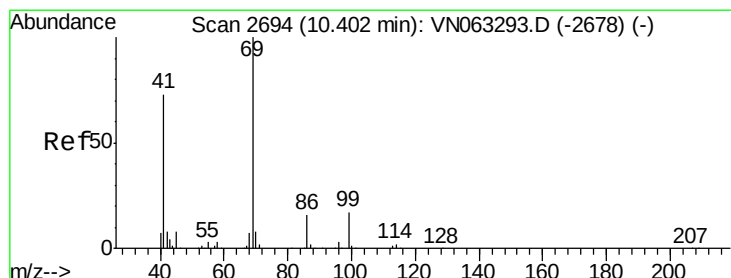
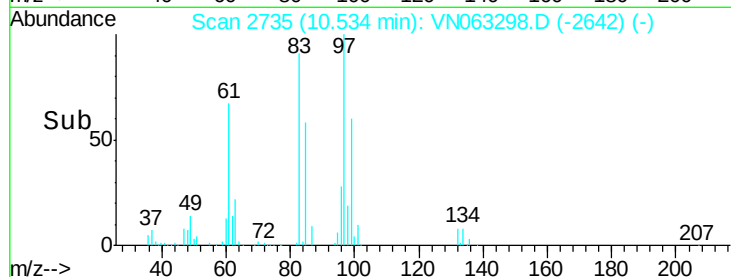
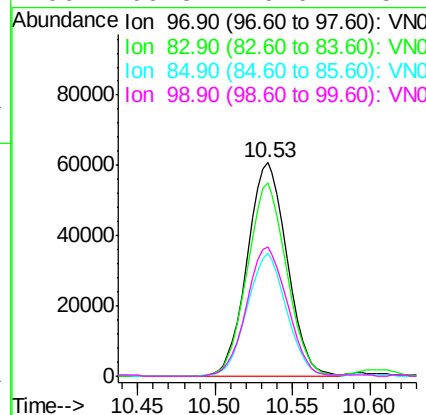
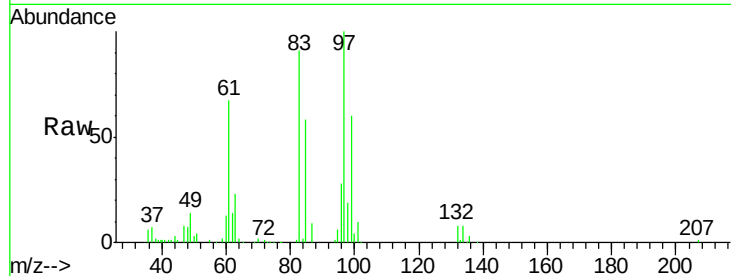
#55
 1,1,2-Trichloroethane
 Concen: 19.237 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

Tot Ion:	97	Resp:	109409
Ion	Ratio	Lower	Upper
97	100		
83	90.6	70.8	106.2
85	57.6	45.6	68.4
99	60.3	49.0	73.4

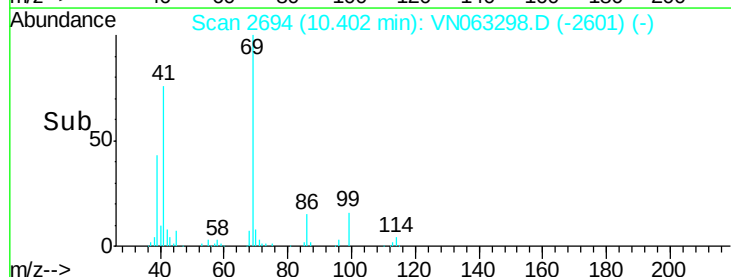
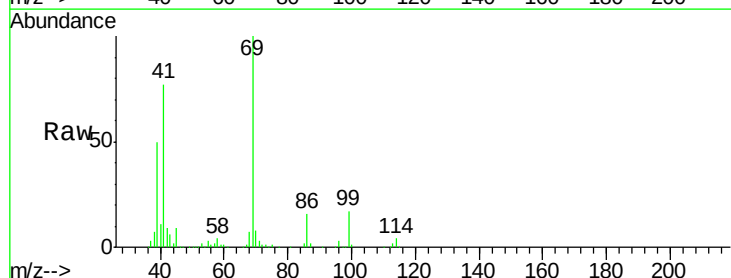
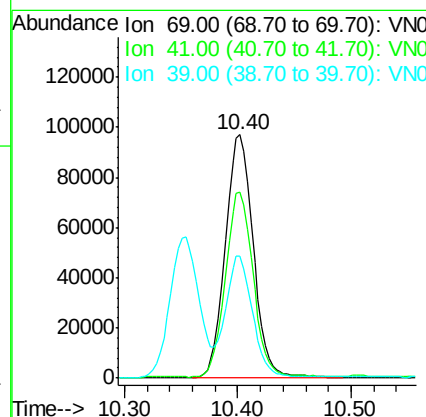
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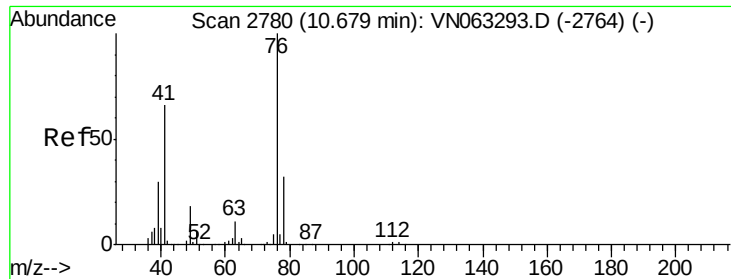
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#56
 Ethyl methacrylate
 Concen: 19.408 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion:	69	Resp:	167859
Ion	Ratio	Lower	Upper
69	100		
41	75.2	58.4	87.6
39	46.2	38.6	58.0





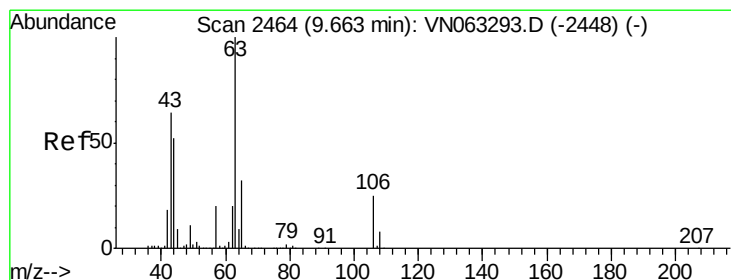
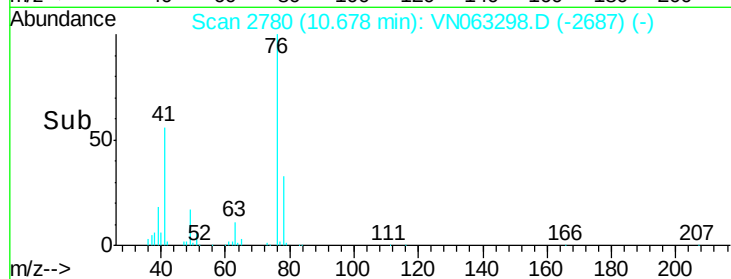
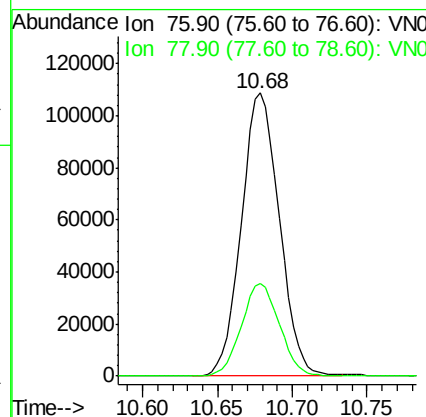
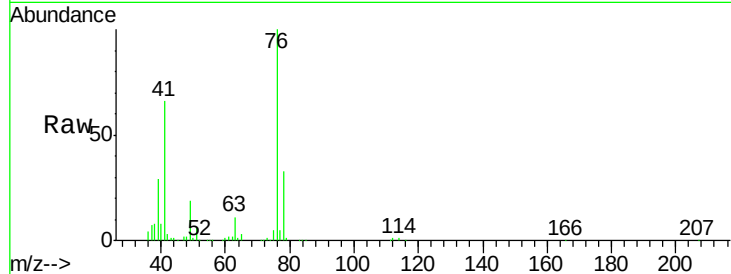
#57
 1,3-Dichloropropane
 Concen: 19.342 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.7	38.5

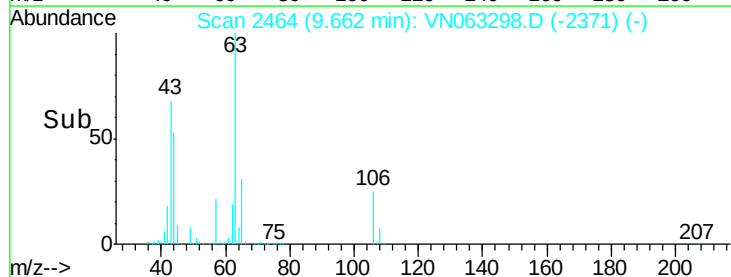
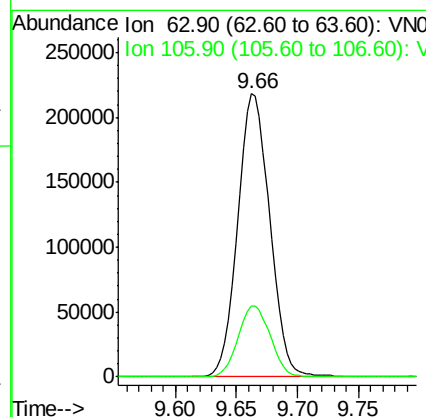
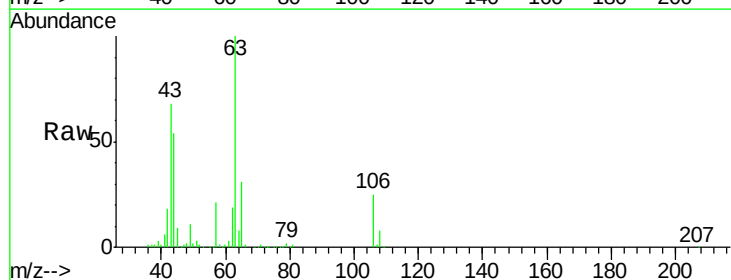
Manual Integrations
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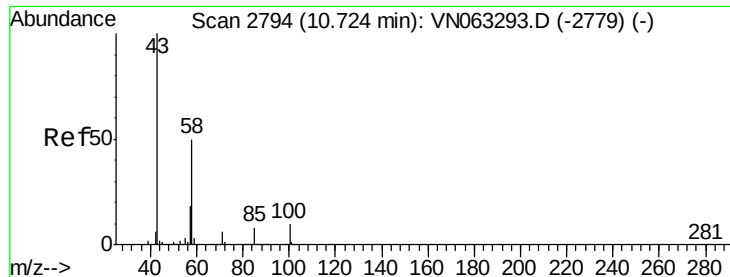
MMDadoda
 9/11/2020 2:02:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.817 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.3	20.2	30.4





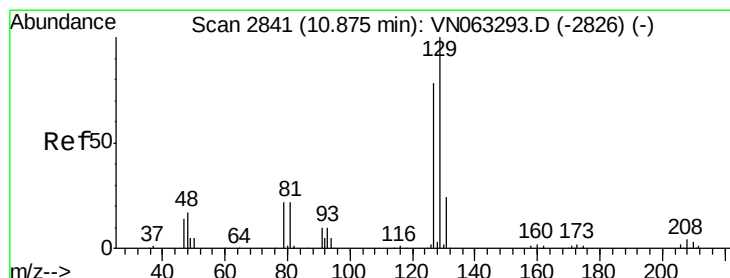
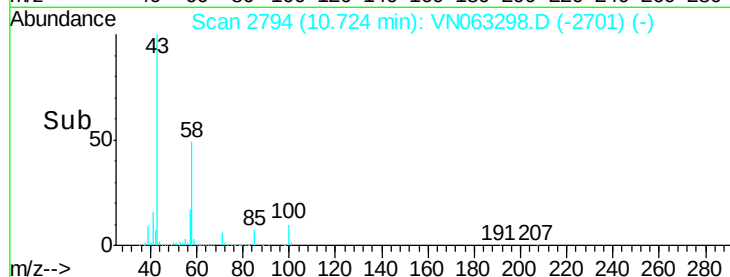
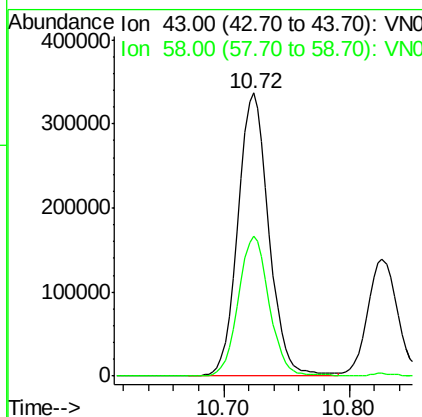
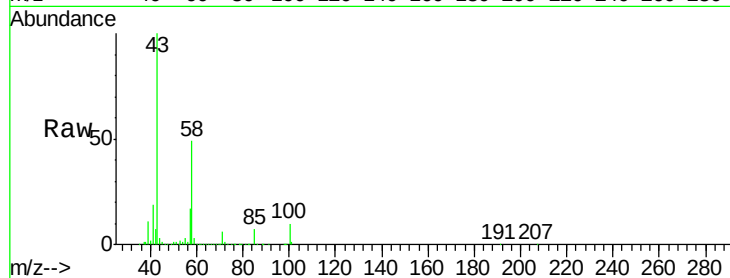
#59
2-Hexanone
Concen: 101.882 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.6	25.1	75.3

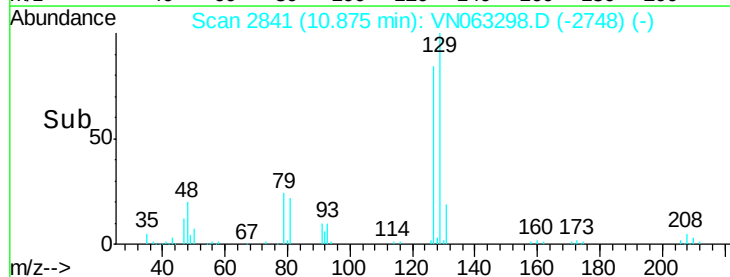
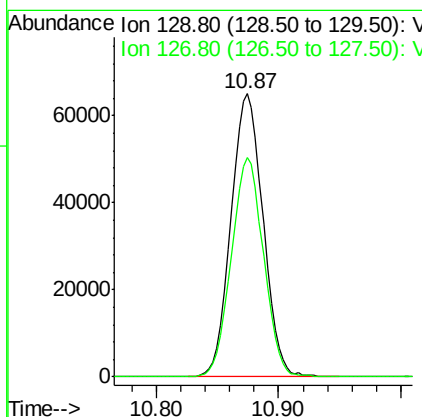
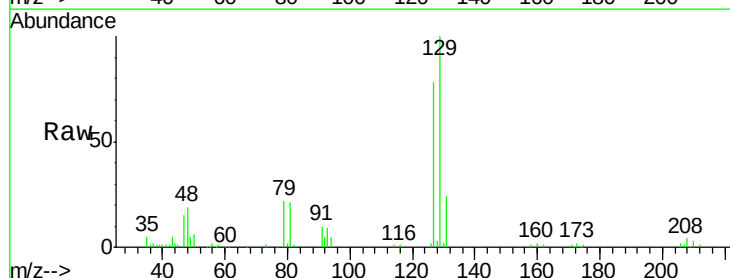
Manual Integrations
APPROVED

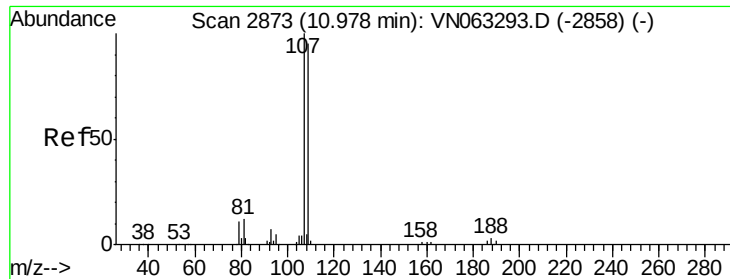
MMDadoda
9/11/2020 2:02:34 PM



#60
Dibromochloromethane
Concen: 19.033 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.0	117.0





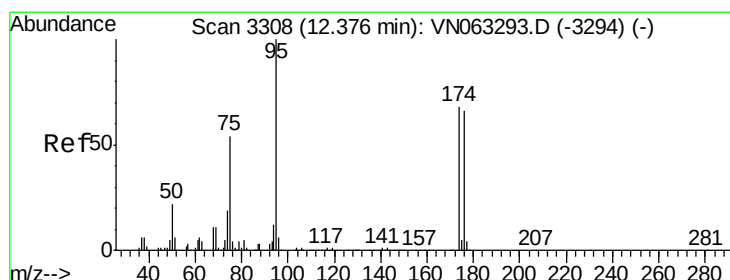
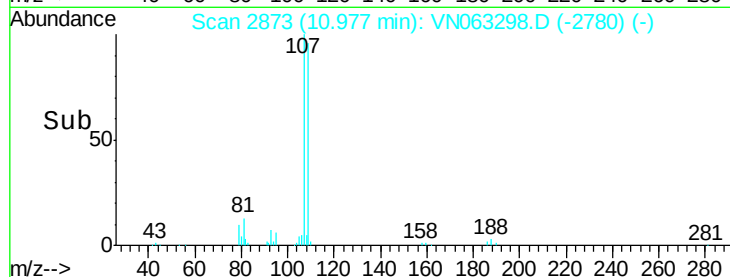
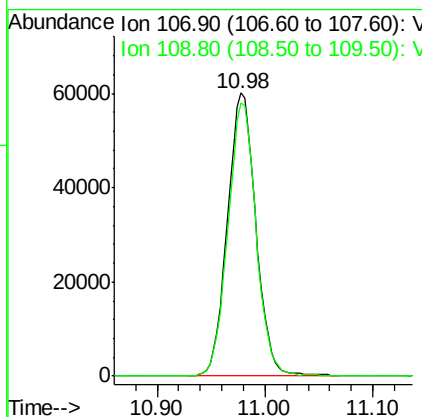
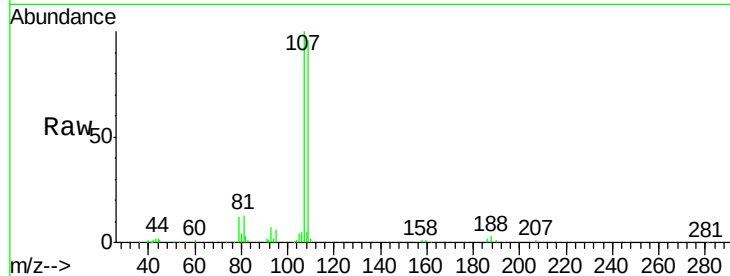
#61
 1,2-Dibromoethane
 Concen: 18.648 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	110571		
109	95.4	75.5	113.3	

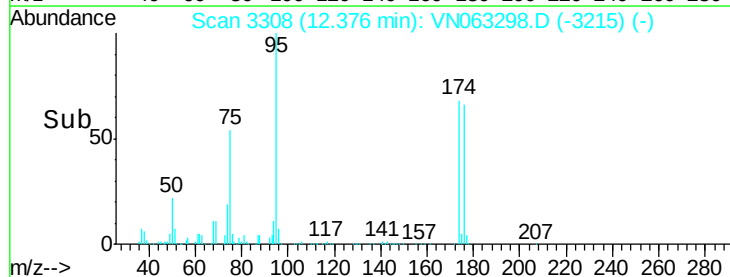
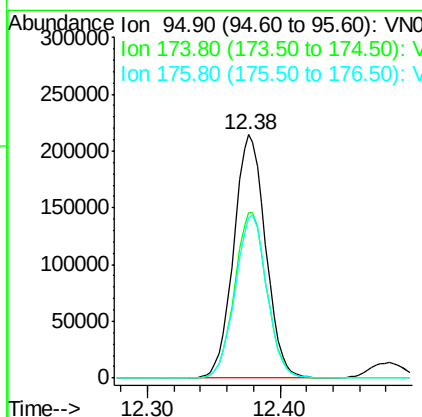
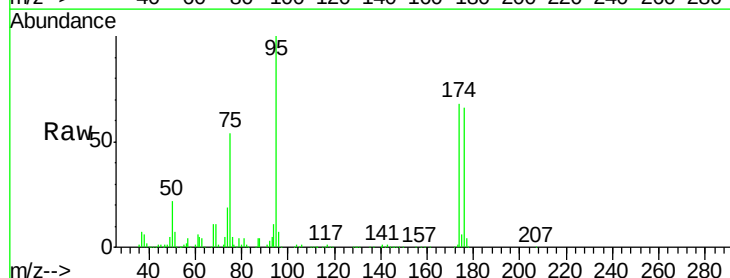
Manual Integrations
 APPROVED

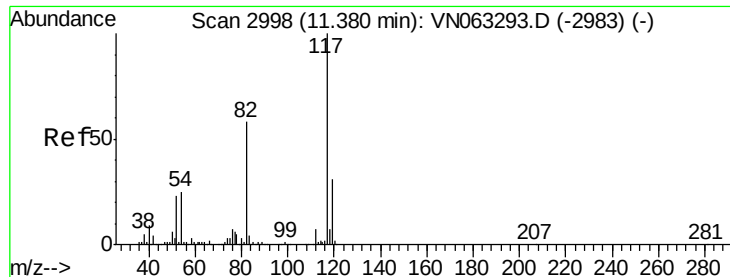
MMDadoda
 9/11/2020 2:02:34 PM



#62
 4-Bromofluorobenzene
 Concen: 48.413 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	357971		
174	68.4	0.0	136.6	
176	66.7	0.0	132.8	





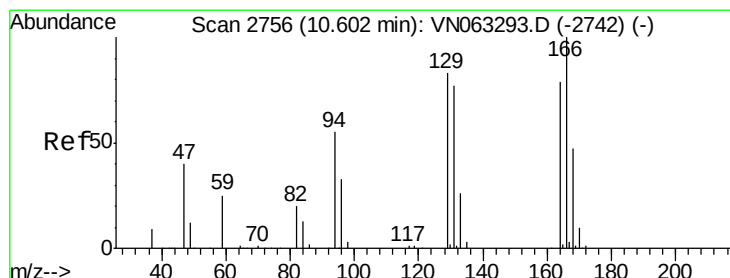
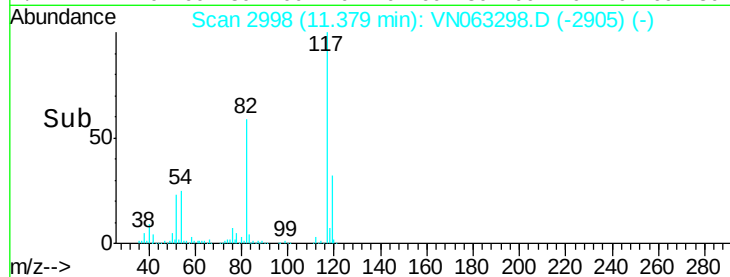
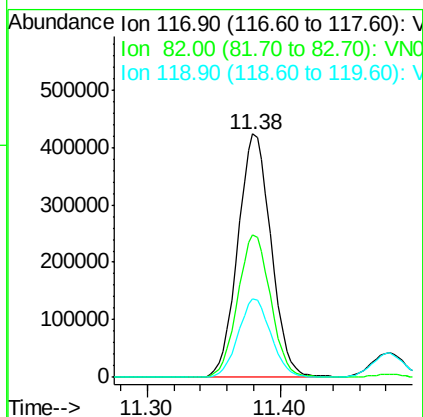
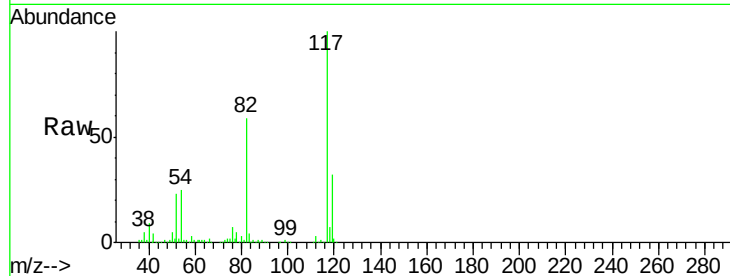
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.4	69.6
119	32.2	24.8	37.2

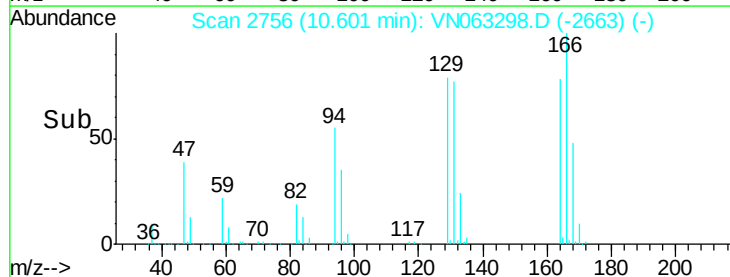
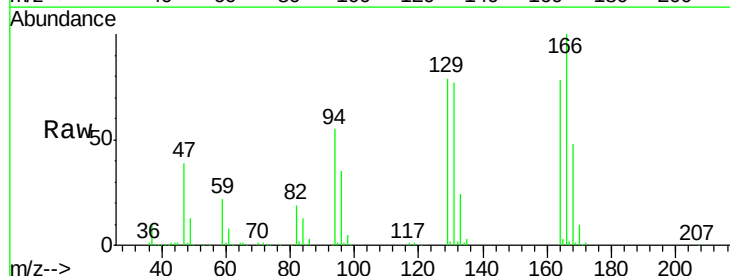
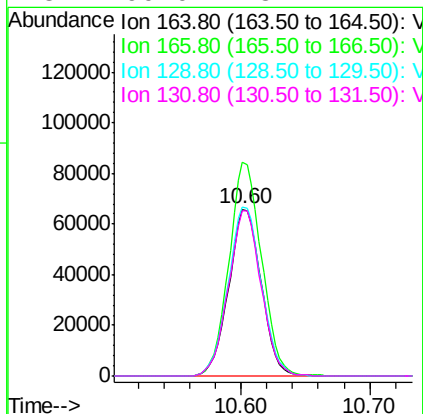
Manual Integrations
APPROVED

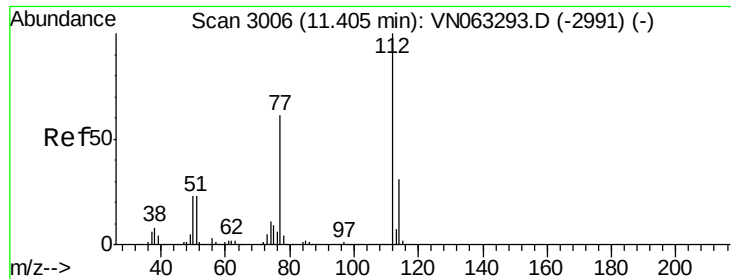
MMDadoda
9/11/2020 2:02:34 PM



#64
Tetrachloroethene
Concen: 19.127 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.3	151.9
129	101.3	83.7	125.5
131	99.0	78.2	117.4





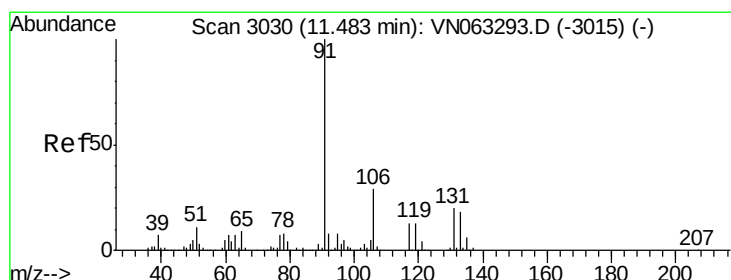
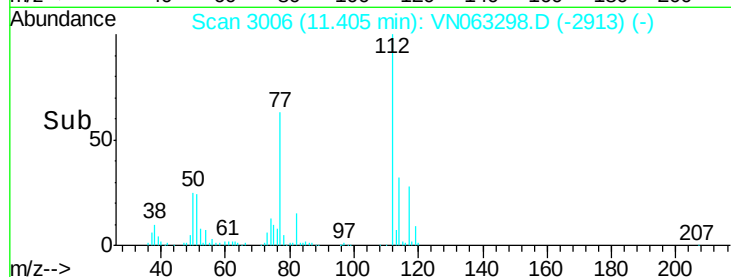
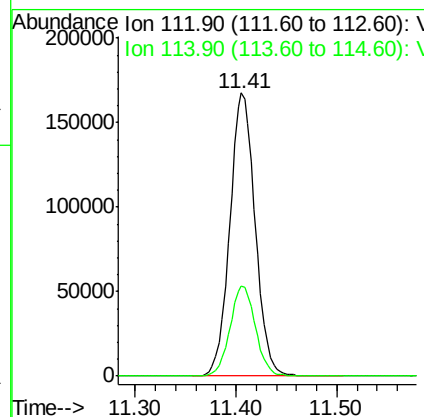
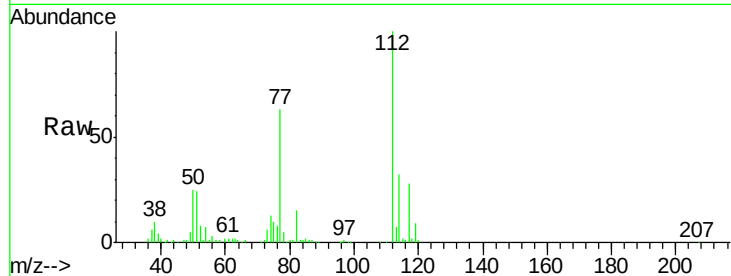
#65
Chlorobenzene
Concen: 18.522 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	293520		
114	31.7	24.6	36.8	

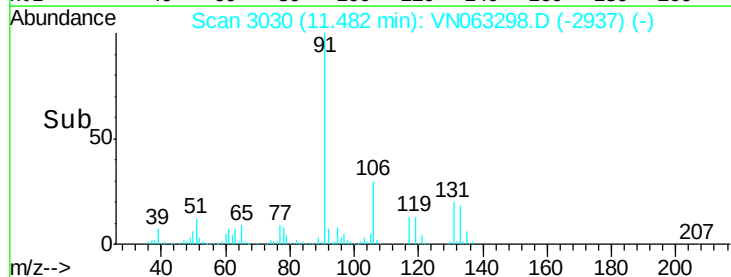
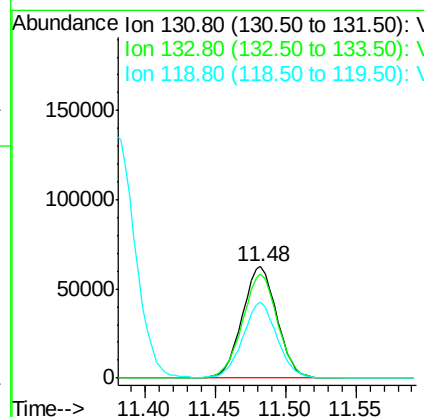
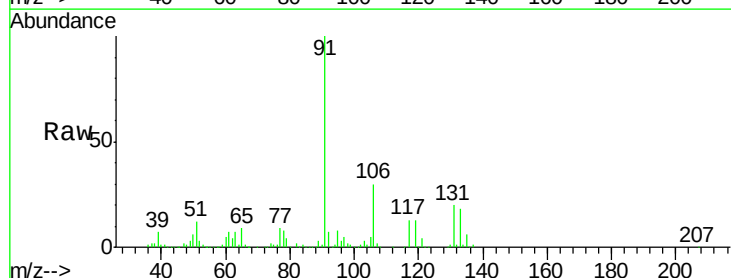
Manual Integrations
APPROVED

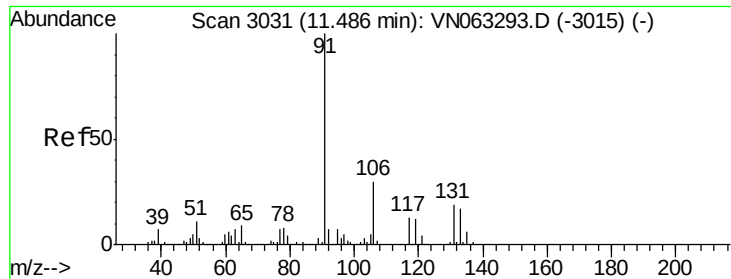
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.760 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	108314		
133	93.8	47.4	142.2	
119	67.0	33.8	101.3	





#67

Ethyl Benzene

Concen: 19.298 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

Tot Ion: 91 Resp: 548996

Ion Ratio Lower Upper

91 100

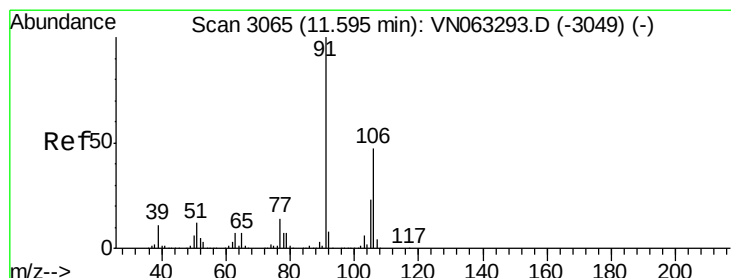
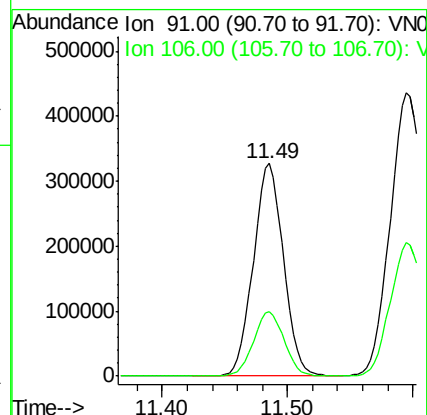
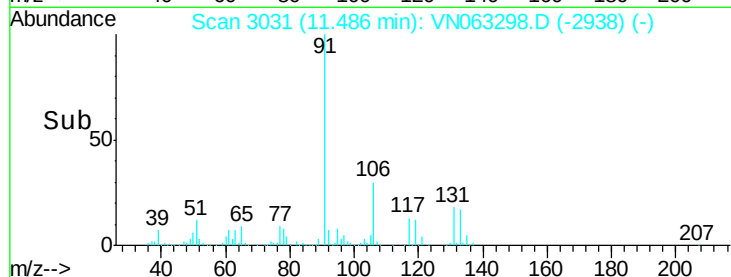
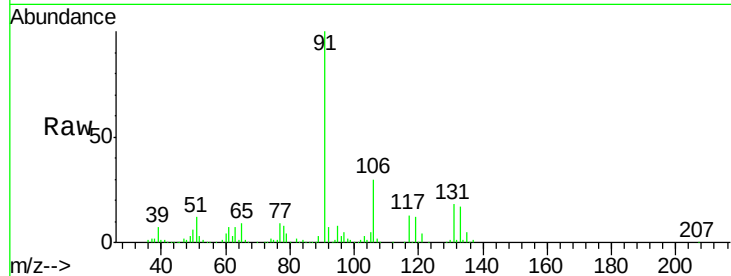
106 30.2 23.8 35.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.512 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063298.D

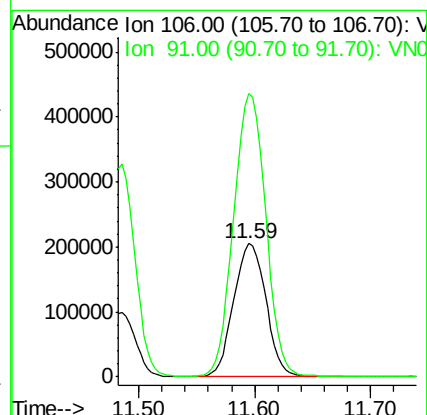
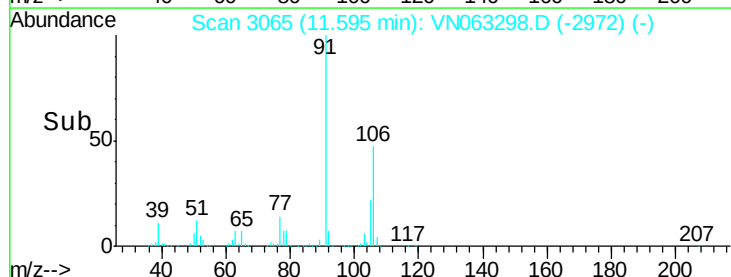
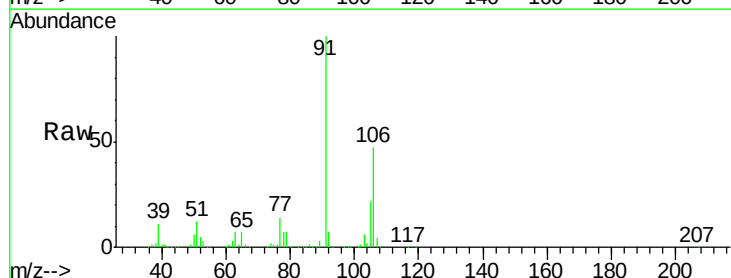
Acq: 10 Sep 2020 16:59

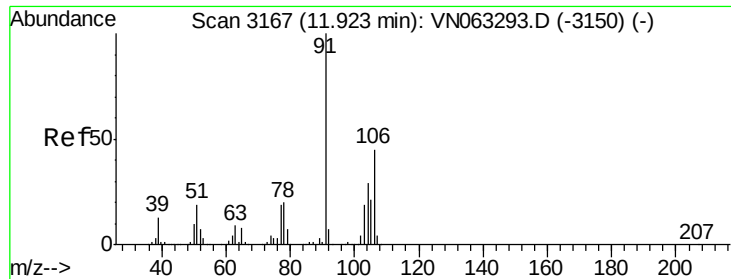
Tgt Ion: 106 Resp: 394752

Ion Ratio Lower Upper

106 100

91 211.2 169.8 254.8





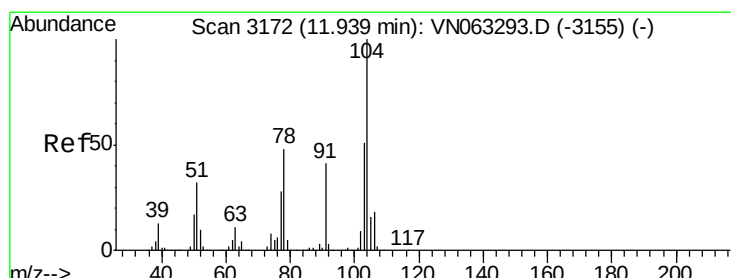
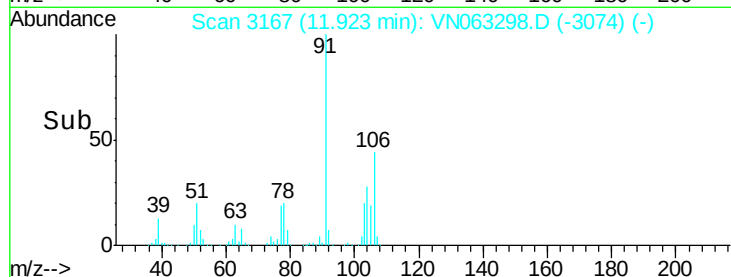
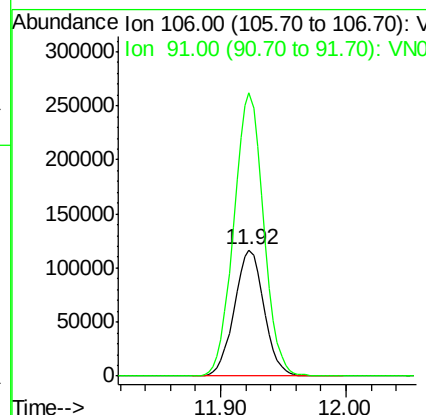
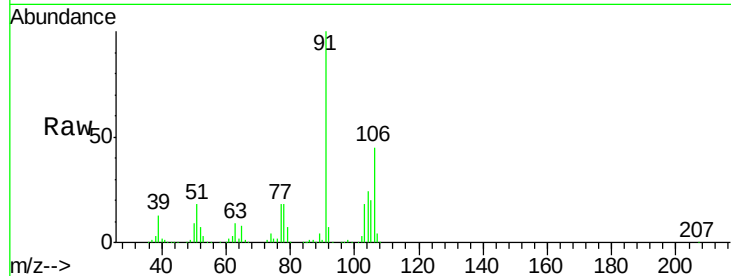
#69
o-Xylene
Concen: 19.010 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampled :
VN0910MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	191977		
91	91	224.3	111.5	334.4	

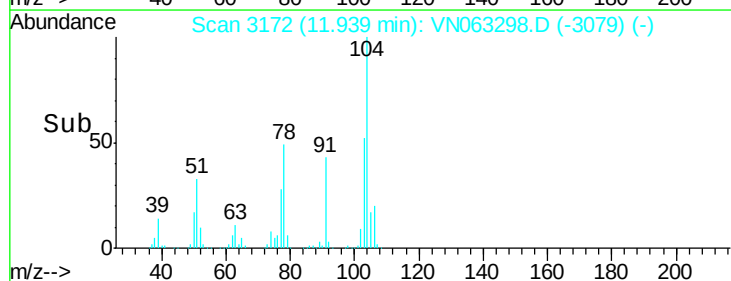
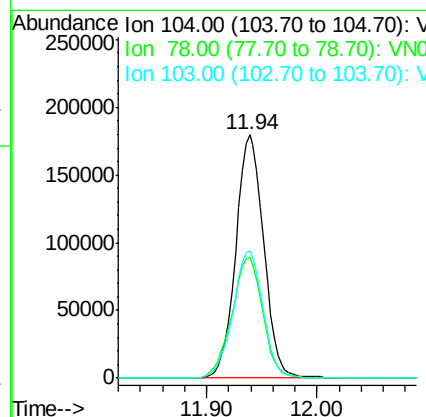
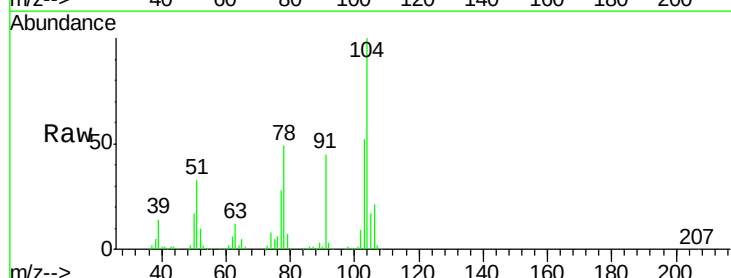
Manual Integrations
APPROVED

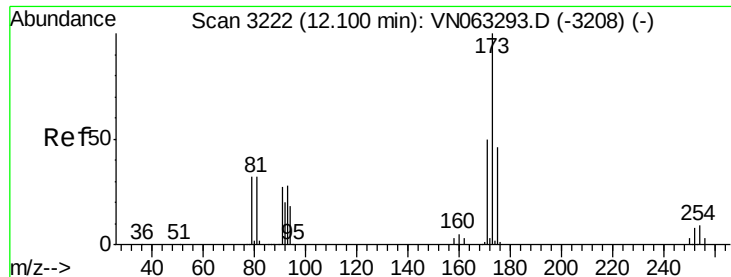
MMDadoda
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#70
Styrene
Concen: 18.809 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	315710		
78	78	54.6	42.9	64.3	
103	103	56.0	44.2	66.2	





#71

Bromoform

Concen: 18.549 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

Tot Ion:173 Resp: 74075

Ion Ratio Lower Upper

173 100

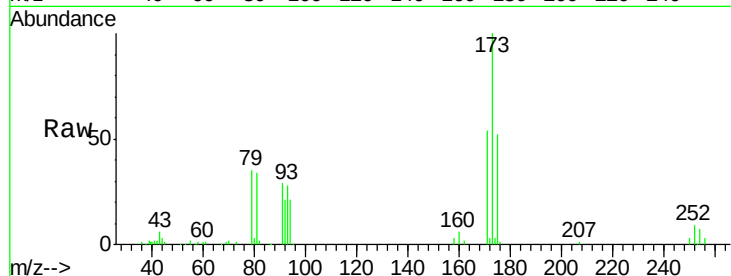
175 50.7 23.8 71.5

254 0.0 0.0 0.0

Manual Integrations
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MMDadoda

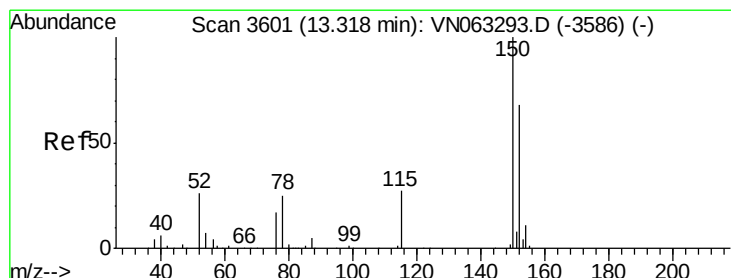
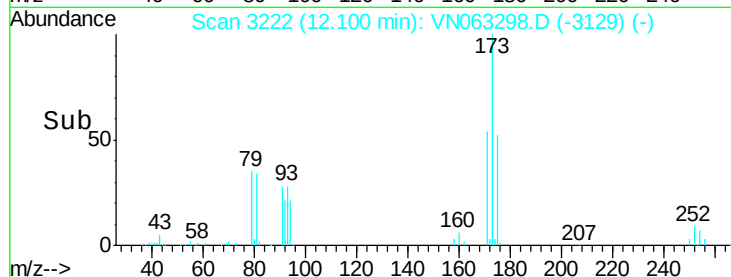
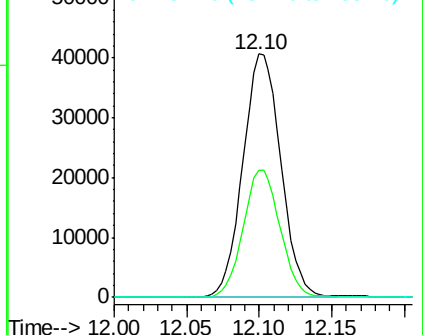
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN063298.D

Acq: 10 Sep 2020 16:59

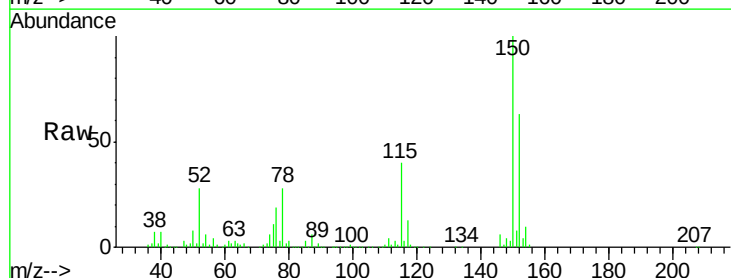
Tgt Ion:152 Resp: 332663

Ion Ratio Lower Upper

152 100

115 63.3 31.5 94.5

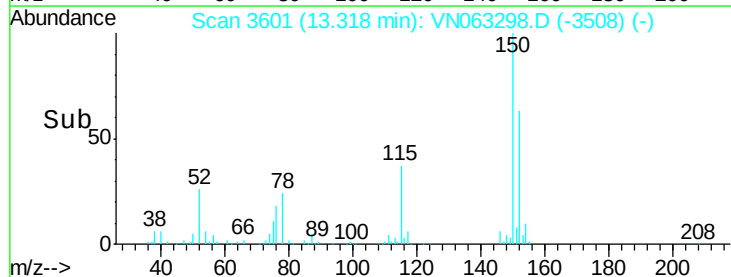
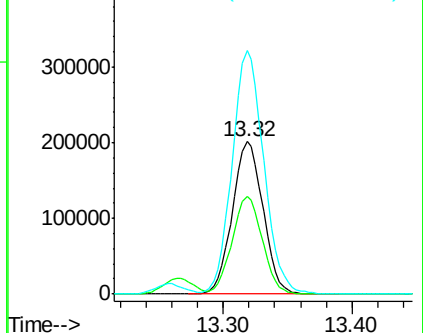
150 164.4 0.0 344.0

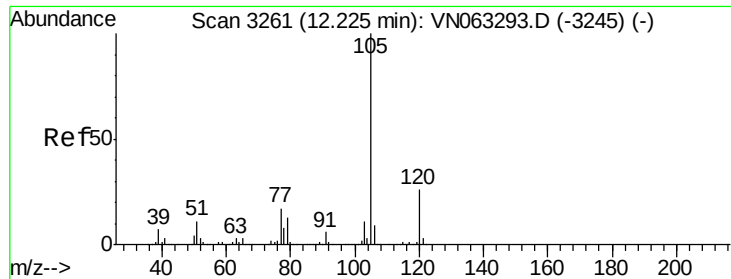


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.155 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

Tot Ion:105 Resp: 513965

Ion Ratio Lower Upper

105 100

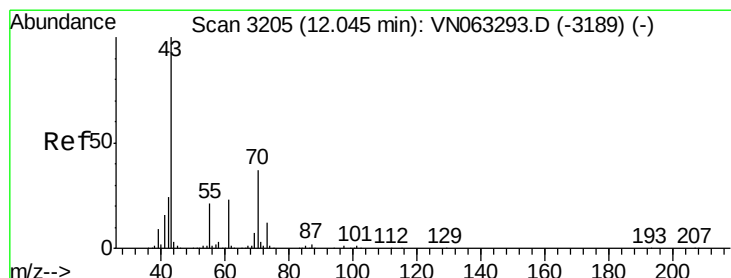
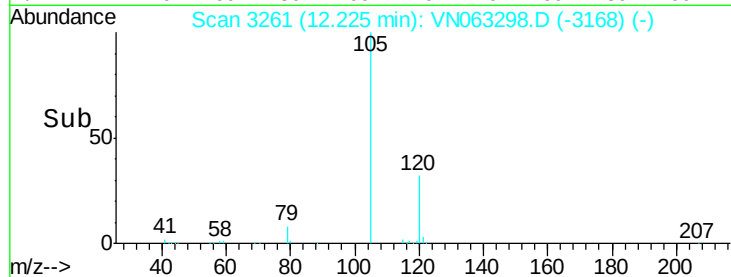
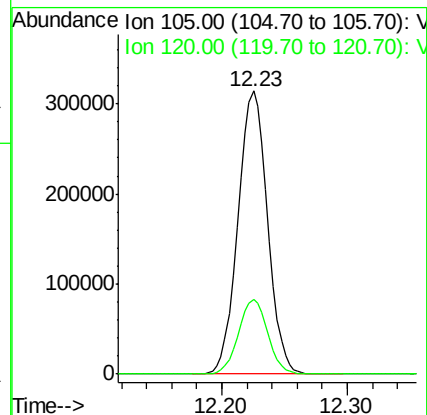
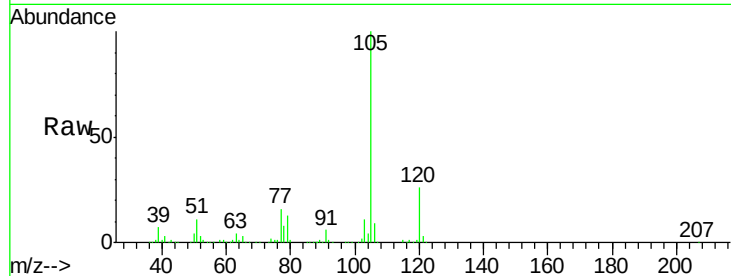
120 26.1 13.0 38.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.276 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion: 43 Resp: 223366

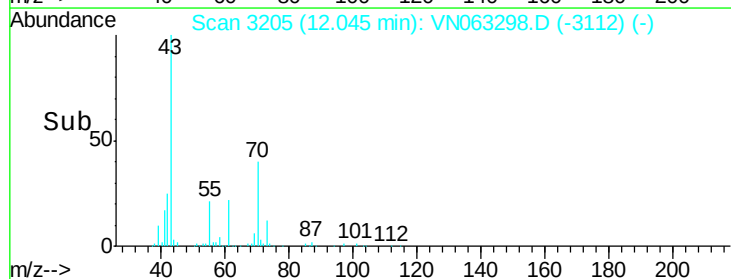
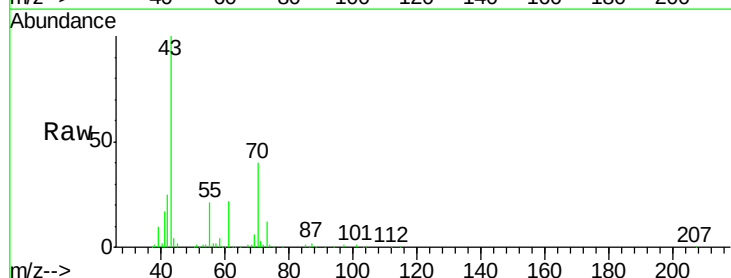
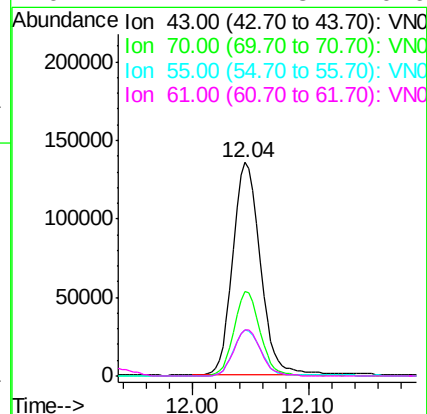
Ion Ratio Lower Upper

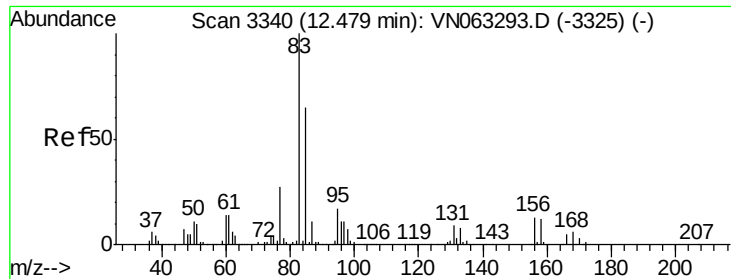
43 100

70 37.7 29.3 43.9

55 21.8 17.0 25.6

61 21.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.000 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

VN0910MBS01

Tot Ion: 83 Resp: 146012

Ion Ratio Lower Upper

83 100

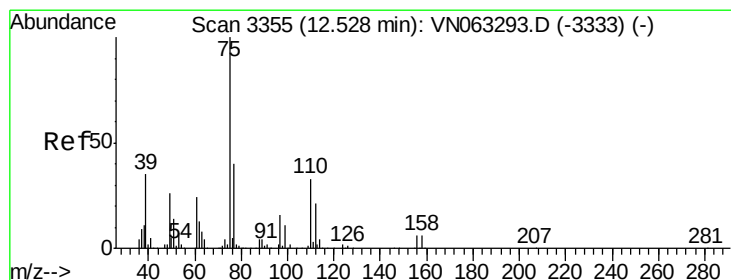
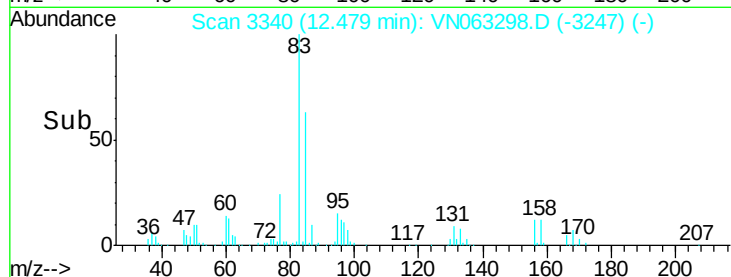
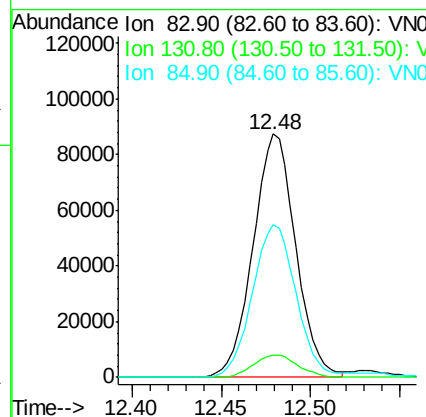
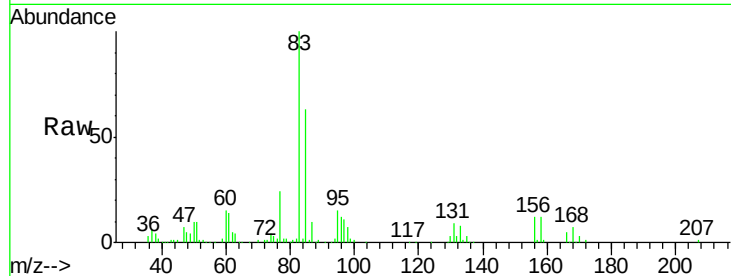
131 9.7 4.7 14.1

85 64.8 32.0 96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.389 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063298.D

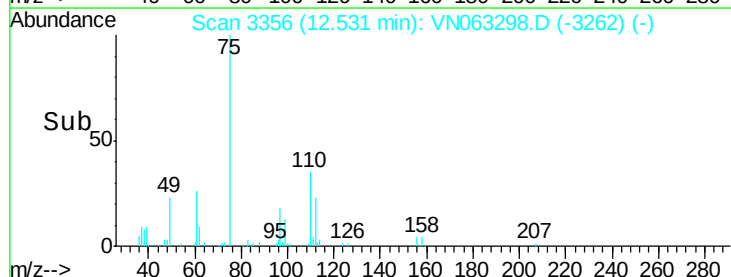
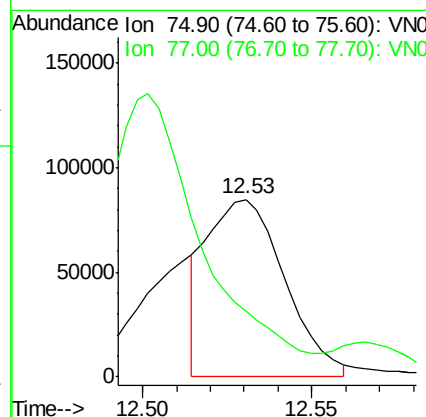
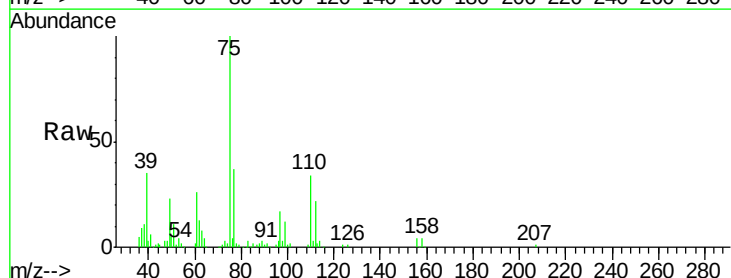
Acq: 10 Sep 2020 16:59

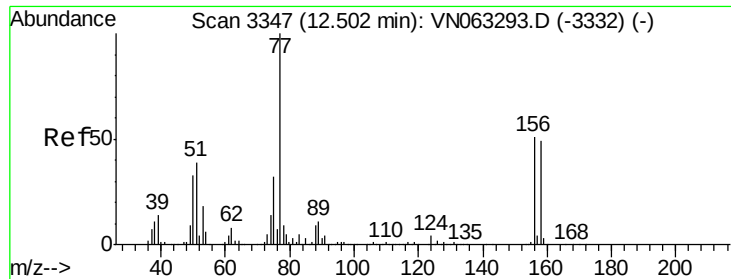
Tgt Ion: 75 Resp: 134955

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.021 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

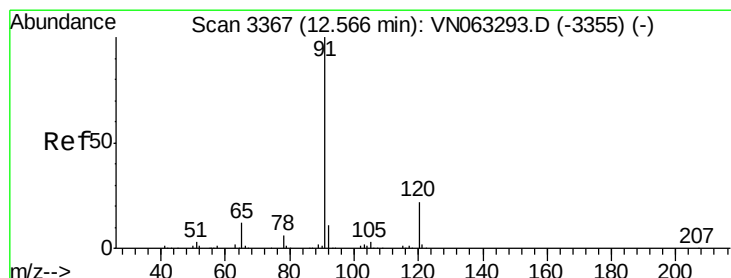
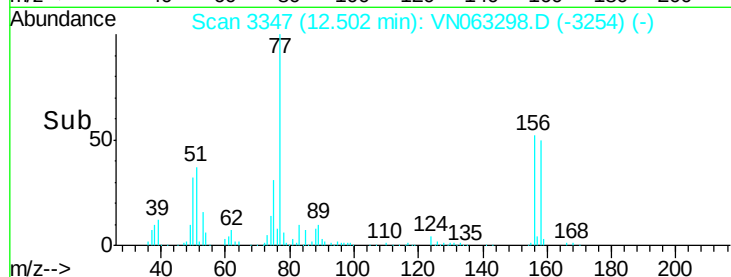
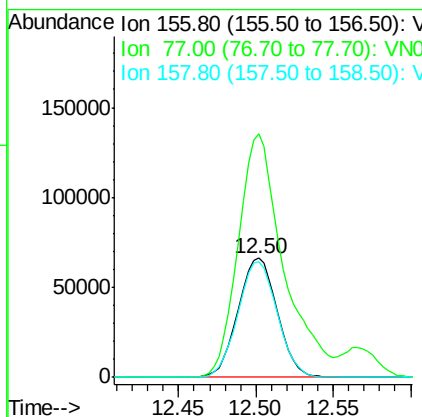
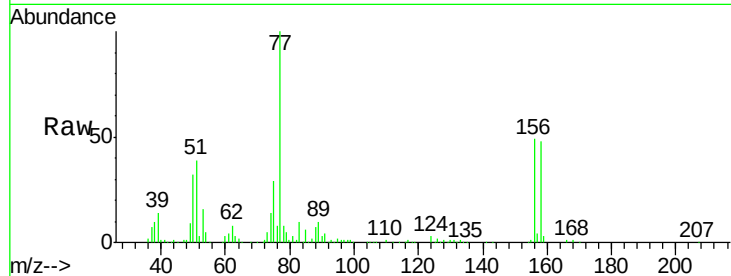
ClientSampleId :

VN0910MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	235.1	117.4	352.2
158	97.0	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 19.578 ug/l

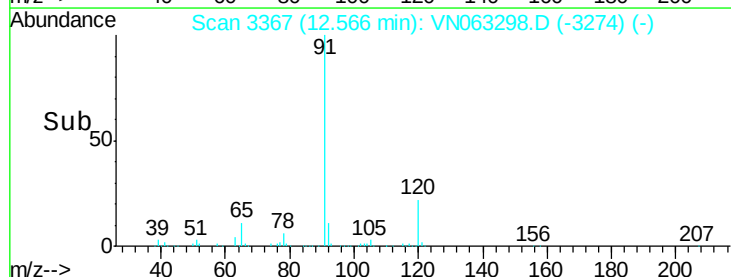
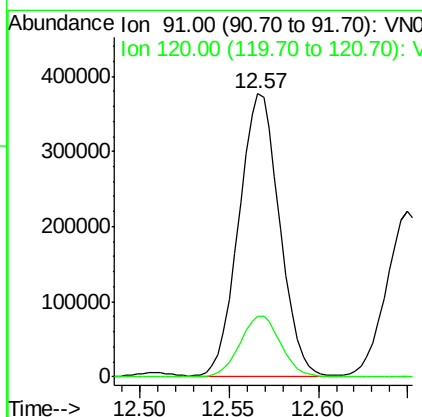
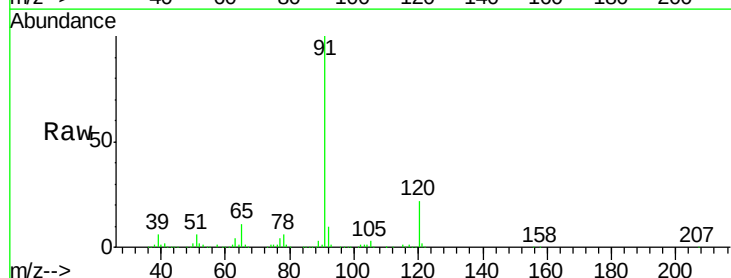
RT: 12.57 min Scan# 3367

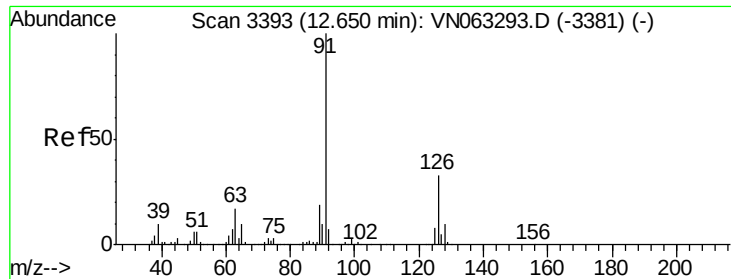
Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.3





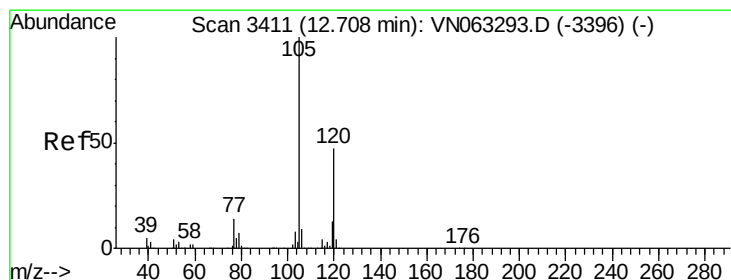
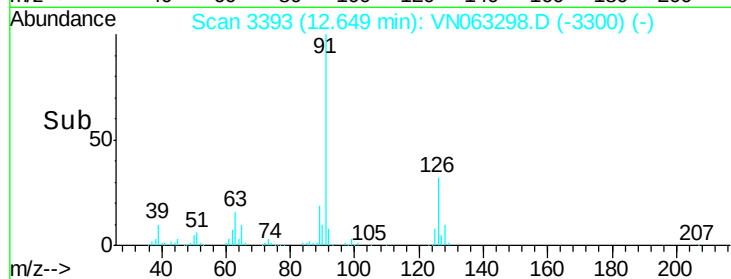
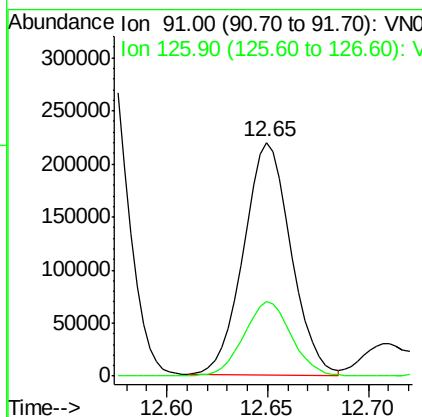
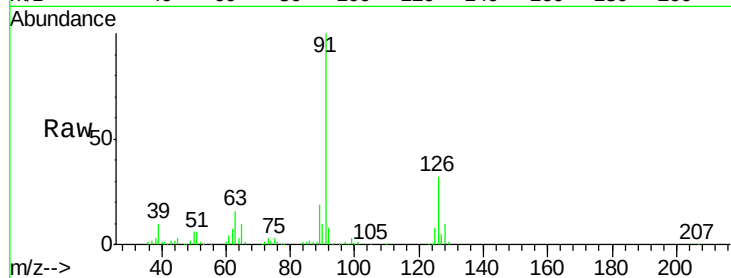
#79
 2-Chlorotoluene
 Concen: 19.202 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.3	48.8

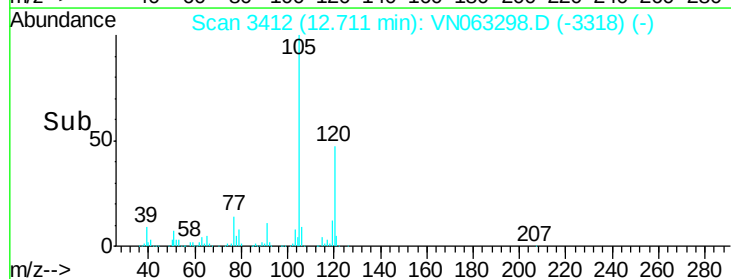
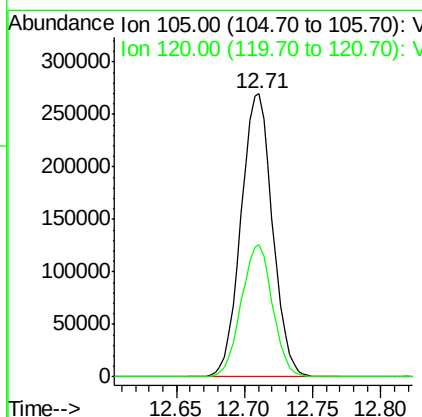
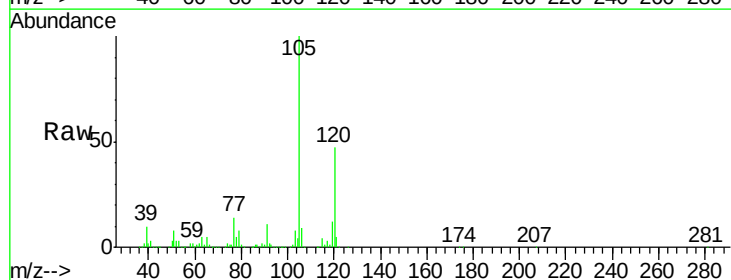
Manual Integrations
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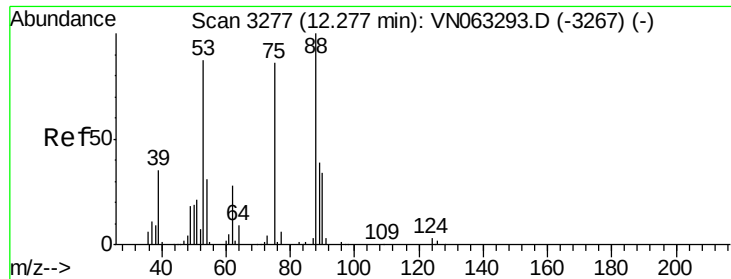
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.390 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.858 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

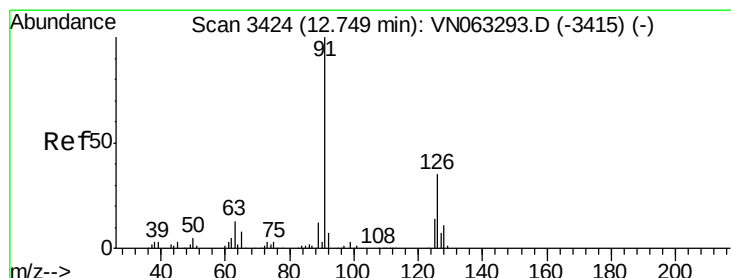
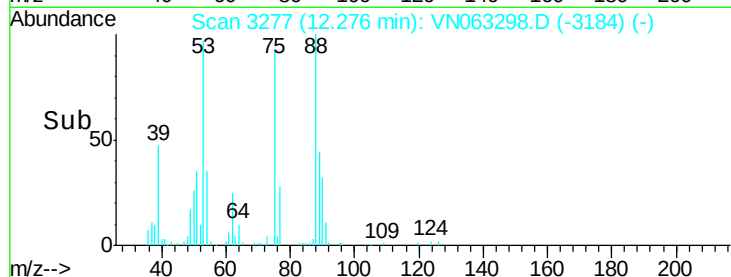
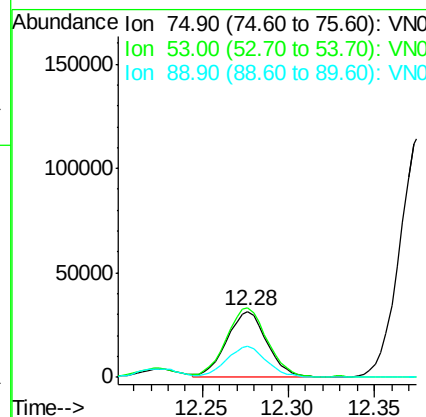
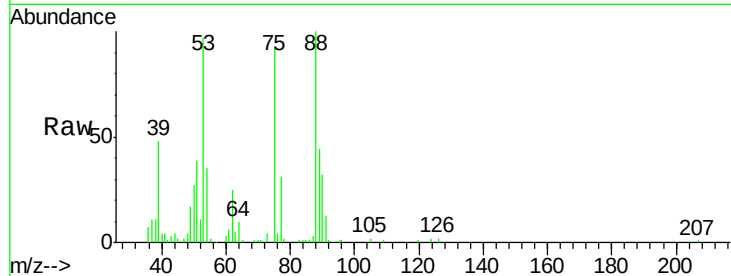
ClientSampleId :

VN0910MBS01

Tot Ion:	75	Resp:	51512
Ion	Ratio	Lower	Upper
75	100		
53	105.1	81.8	122.8
89	47.2	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.790 ug/l

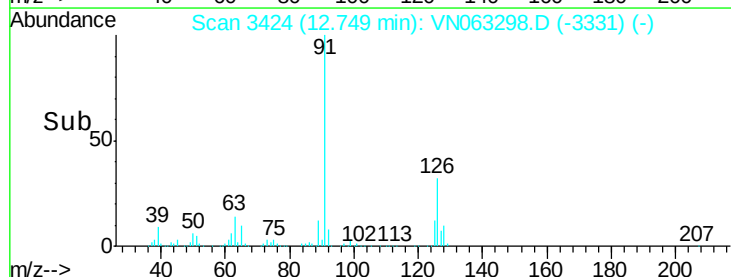
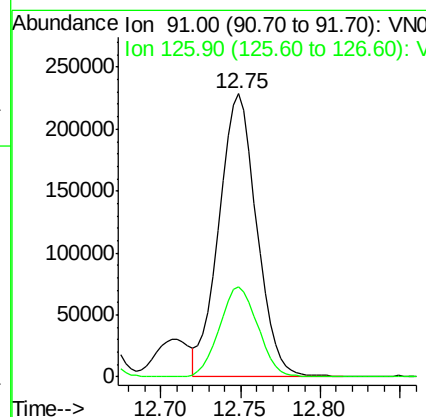
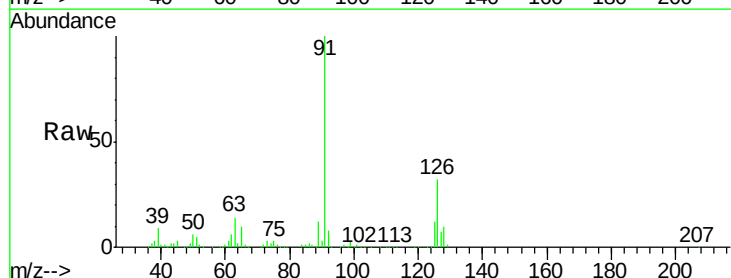
RT: 12.75 min Scan# 3424

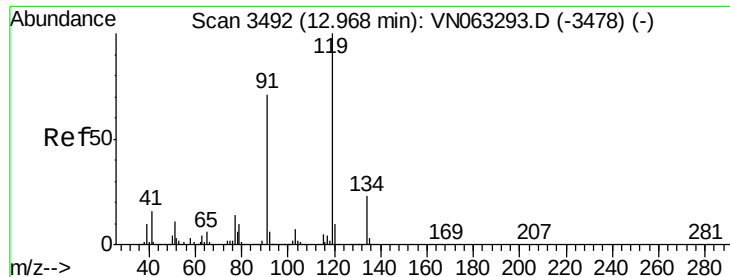
Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion:	91	Resp:	369159
Ion	Ratio	Lower	Upper
91	100		
126	32.4	15.9	47.7





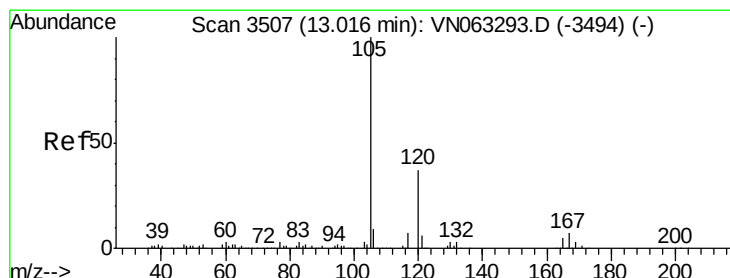
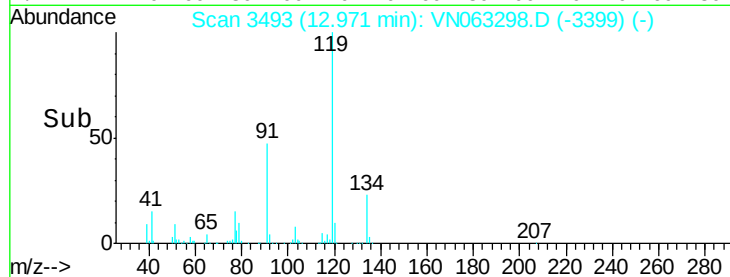
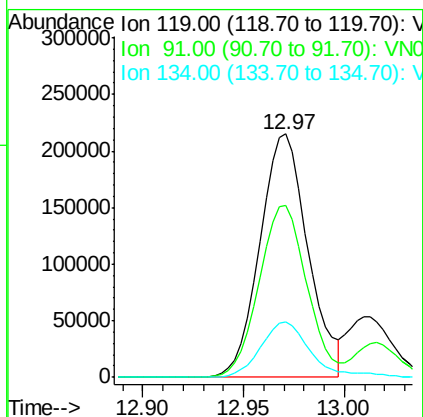
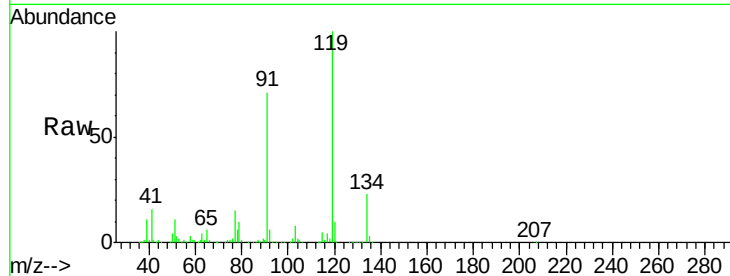
#83
 tert-Butylbenzene
 Concen: 18.904 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampled :
 VN0910MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.8	34.8	104.3
134	23.8	11.9	35.5

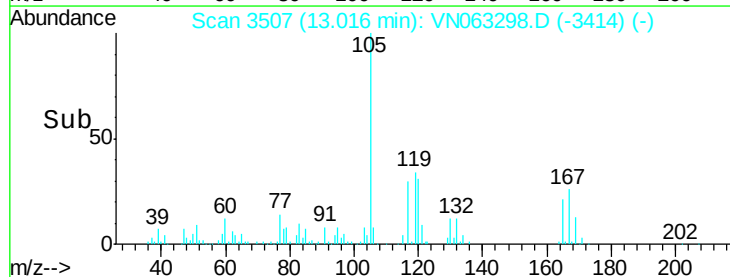
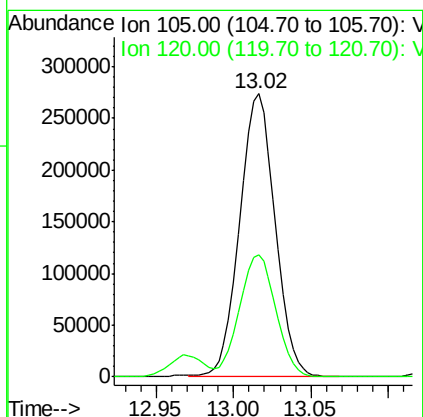
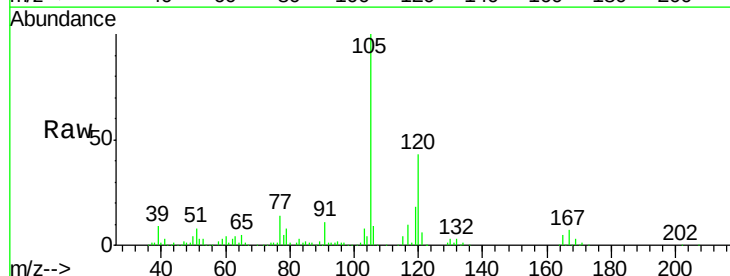
Manual Integrations
 APPROVED

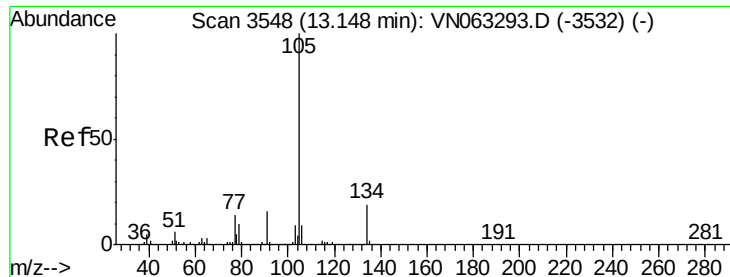
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.304 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	21.8	65.4





#85

sec-Butylbenzene

Concen: 19.498 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

Tot Ion:105 Resp: 468740

Ion Ratio Lower Upper

105 100

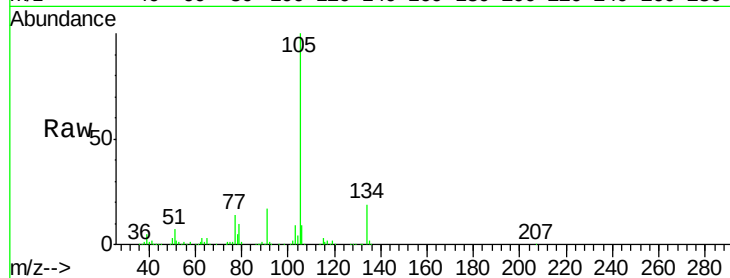
134 19.3 9.4 28.3

Manual Integrations

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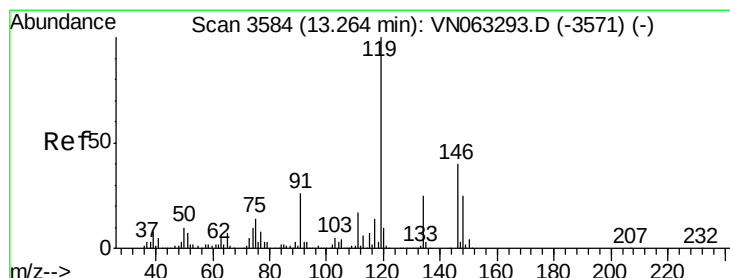
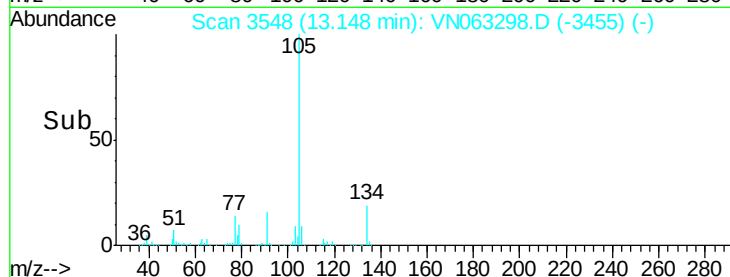
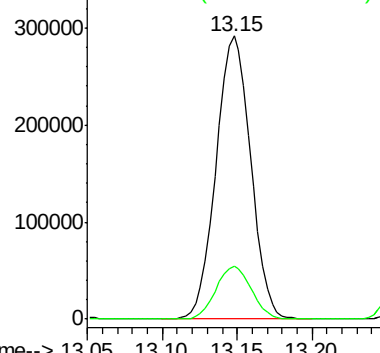
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.290 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

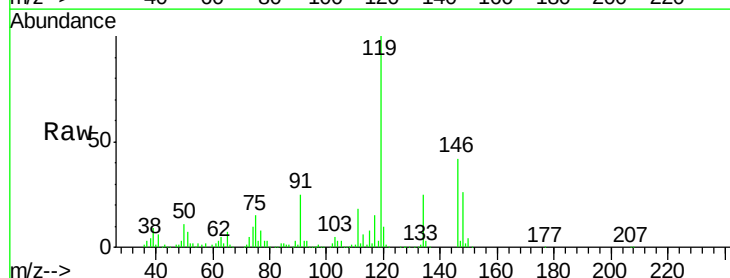
Tgt Ion:119 Resp: 425142

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

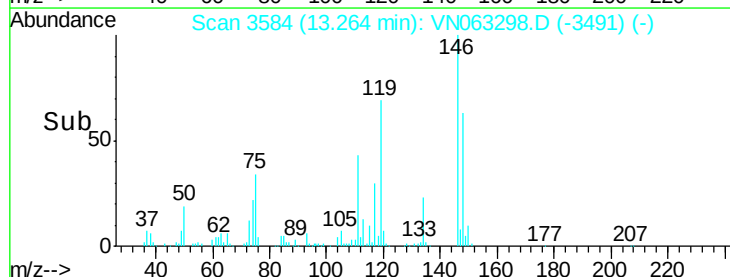
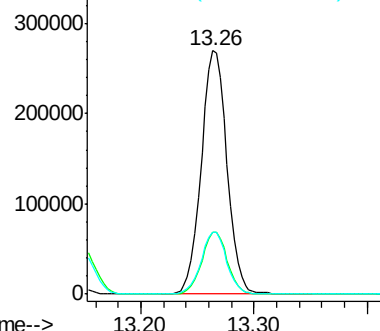
91 25.3 12.8 38.3

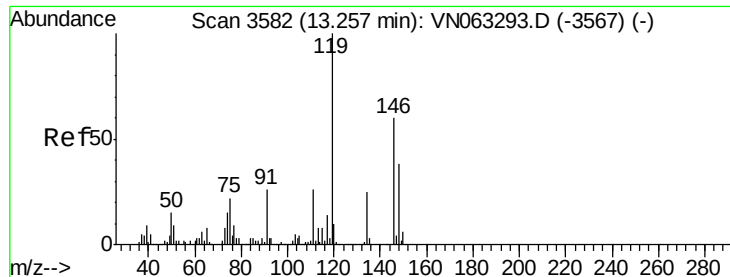


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





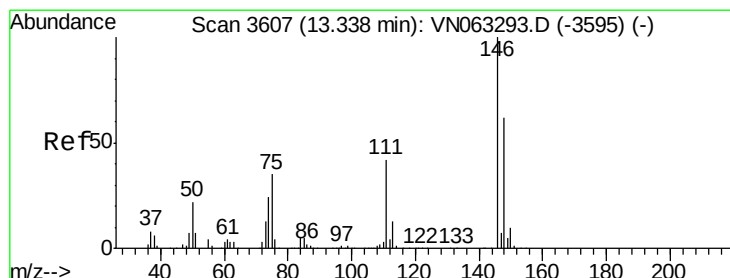
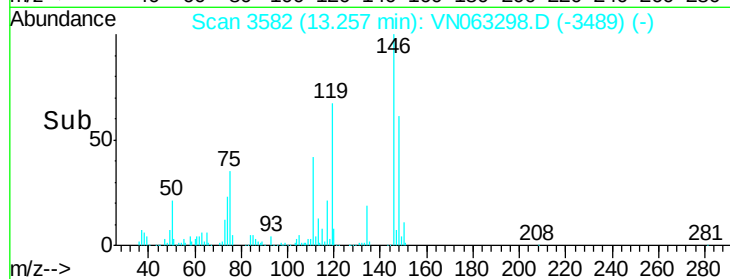
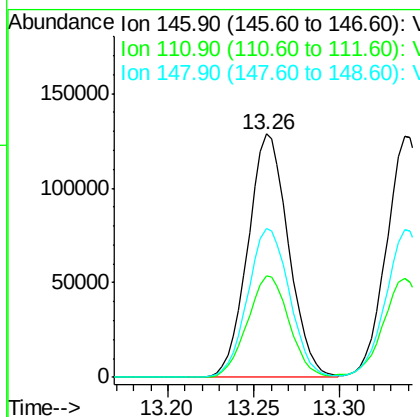
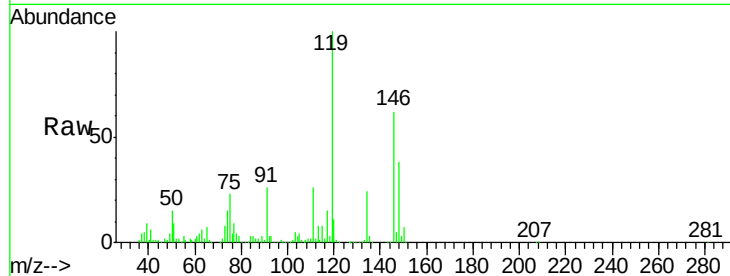
#87
 1,3-Dichlorobenzene
 Concen: 18.757 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.8	65.4
148	62.9	31.8	95.4

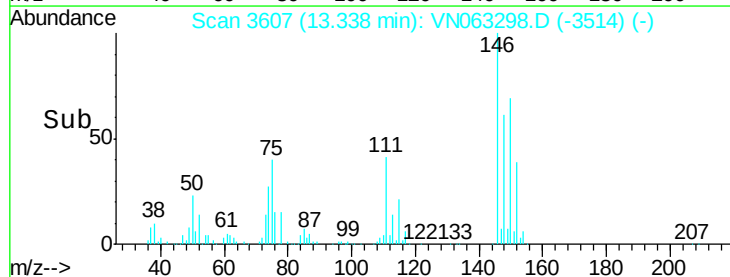
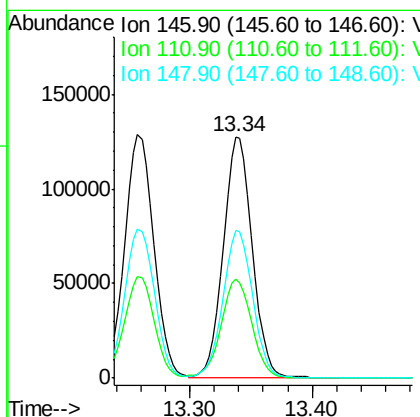
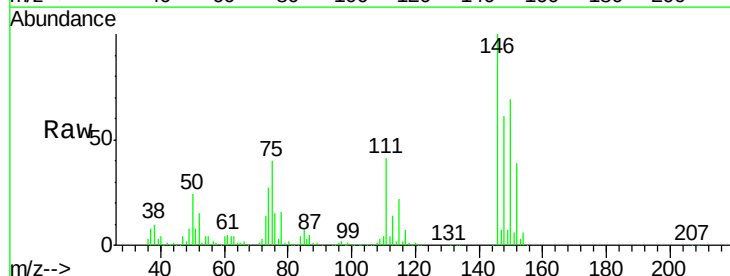
Manual Integrations
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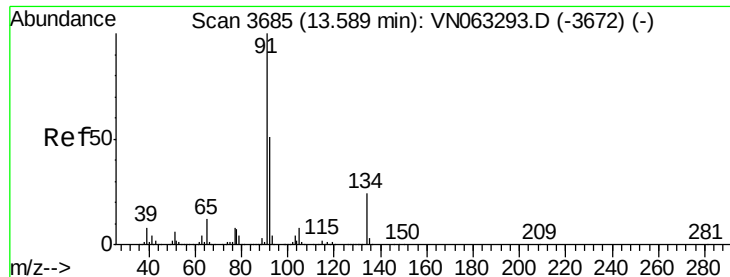
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#88
 1,4-Dichlorobenzene
 Concen: 19.000 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.3	64.0
148	63.0	31.5	94.5





#89

n-Butylbenzene

Concen: 19.090 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

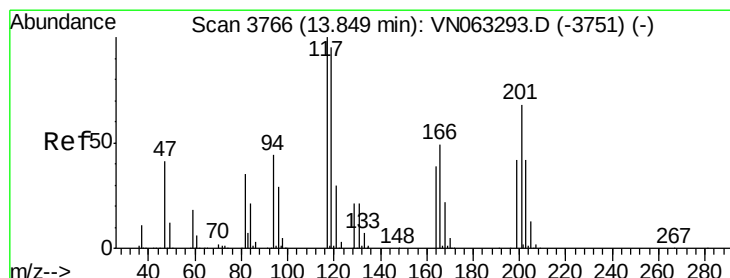
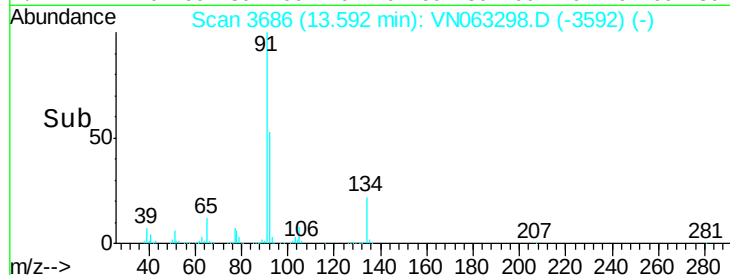
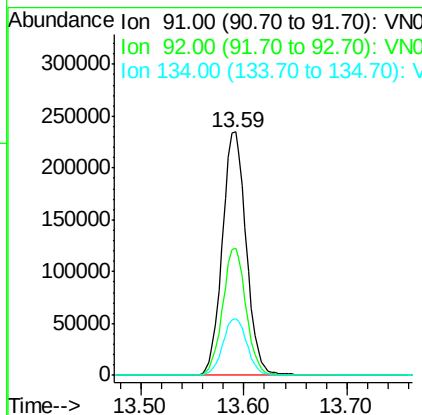
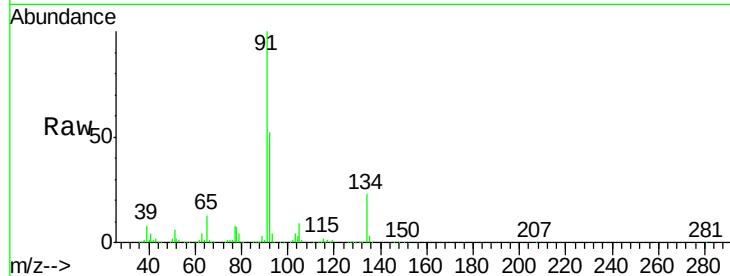
ClientSampleId :

VN0910MBS01

Tot Ion:	91	Resp:	379794
Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.8	77.3
134	23.5	12.0	36.0

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#90

Hexachloroethane

Concen: 18.857 ug/l

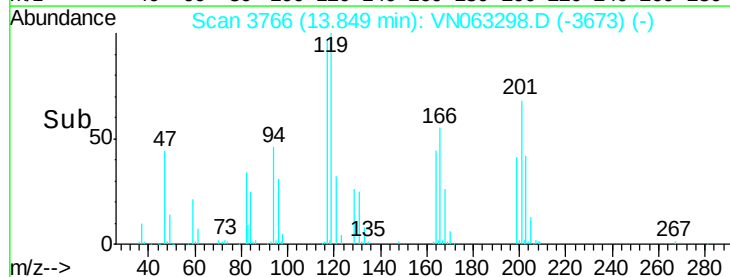
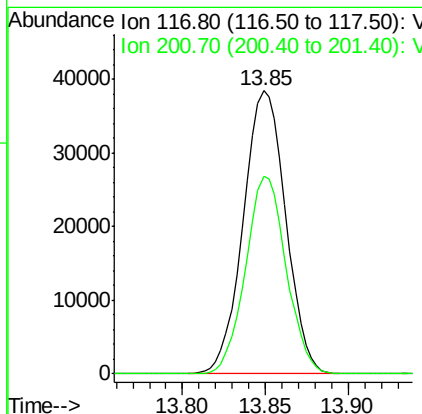
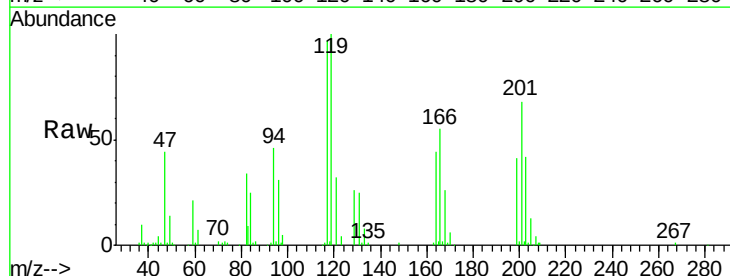
RT: 13.85 min Scan# 3766

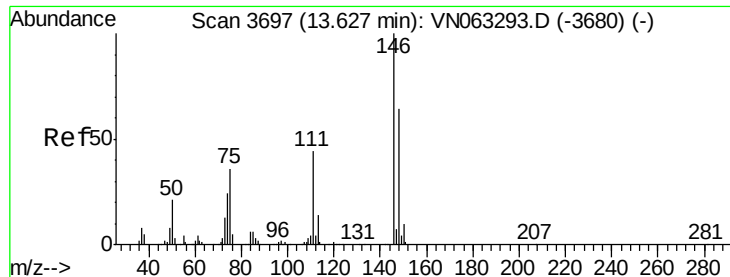
Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion:	117	Resp:	68363
Ion	Ratio	Lower	Upper
117	100		
201	66.7	33.5	100.4





#91

1,2-Dichlorobenzene

Concen: 18.781 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

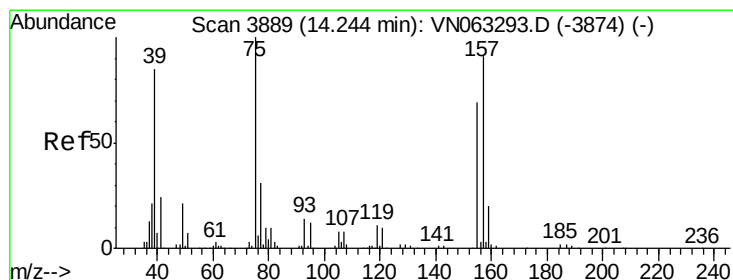
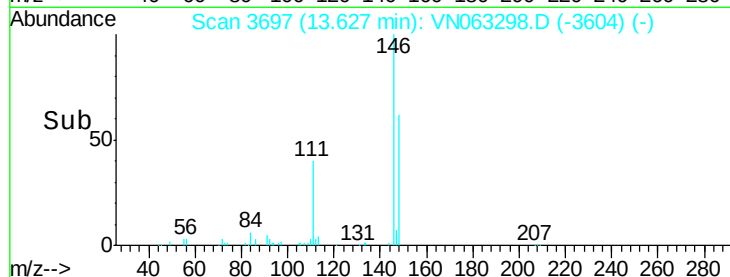
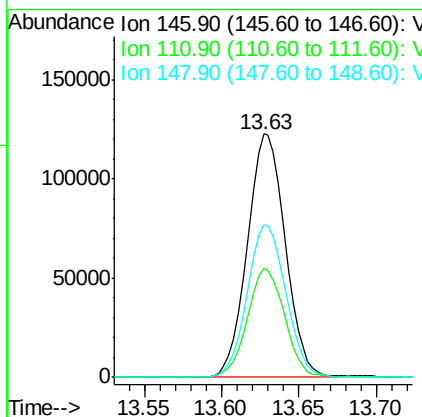
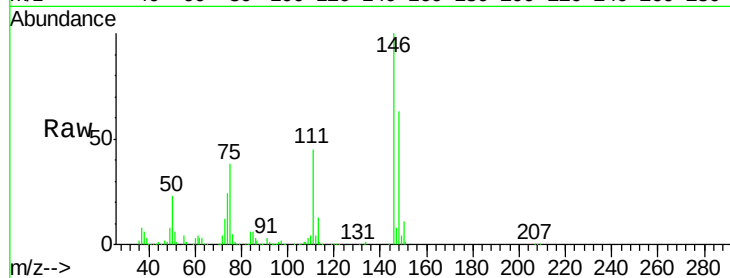
ClientSampleId :

VN0910MBS01

Tot Ion:	146	Resp:	209301
Ion Ratio	Lower	Upper	
146	100		
111	44.0	22.1	66.5
148	64.0	31.8	95.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.812 ug/l

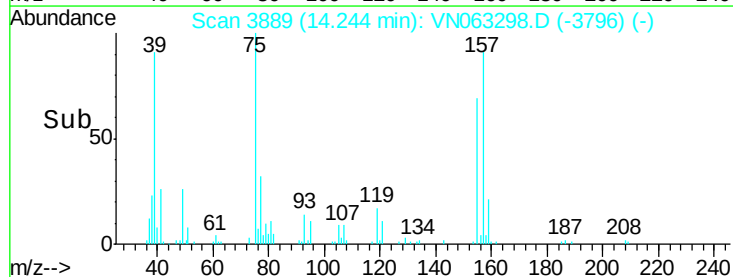
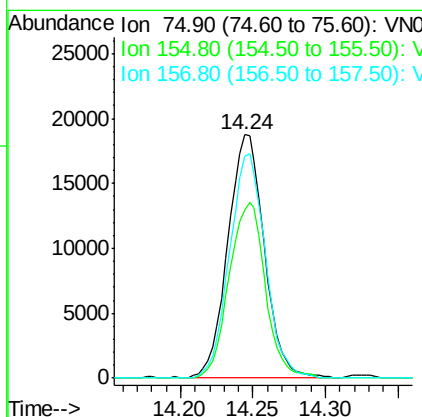
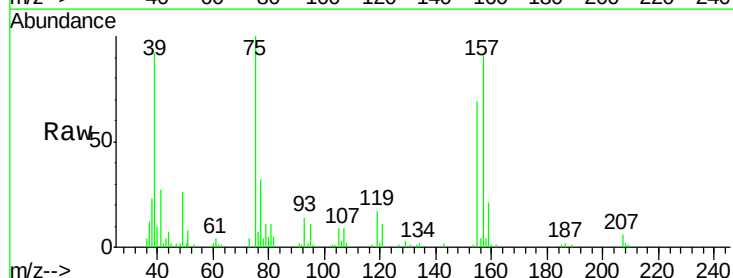
RT: 14.24 min Scan# 3889

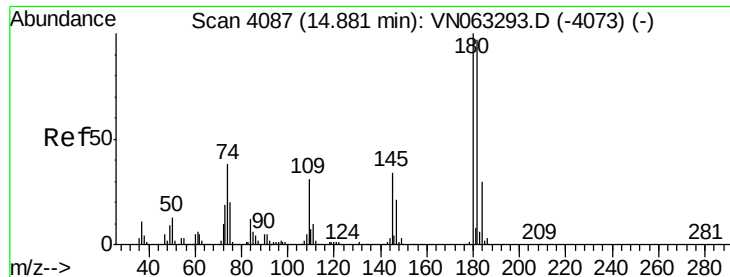
Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion:	75	Resp:	32873
Ion Ratio	Lower	Upper	
75	100		
155	71.2	35.3	105.7
157	90.5	46.7	140.0





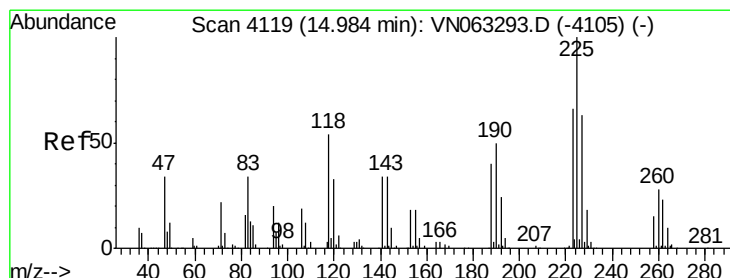
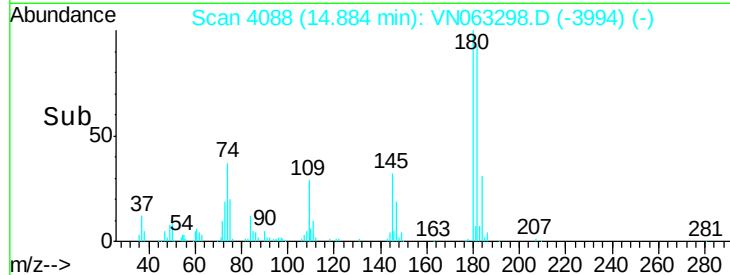
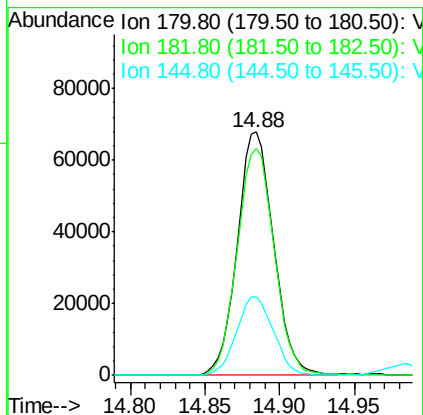
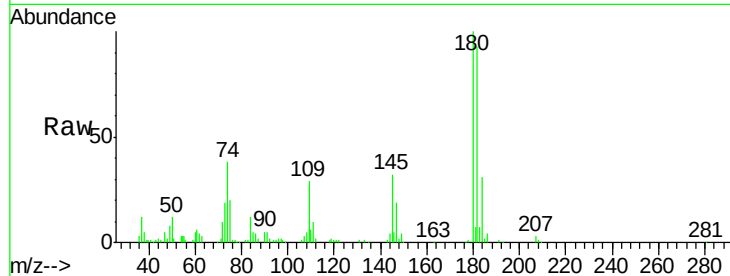
#93
 1,2,4-Trichlorobenzene
 Concen: 17.613 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	114893		
182	94.8	48.0	144.2	
145	32.8	16.6	49.8	

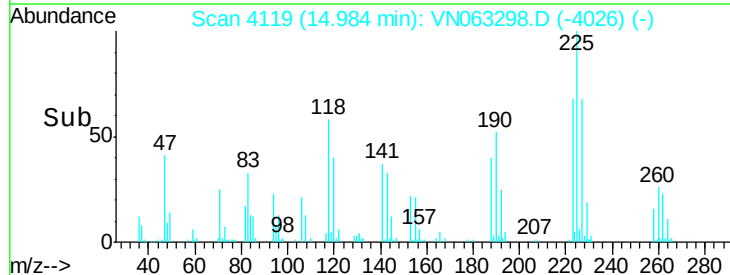
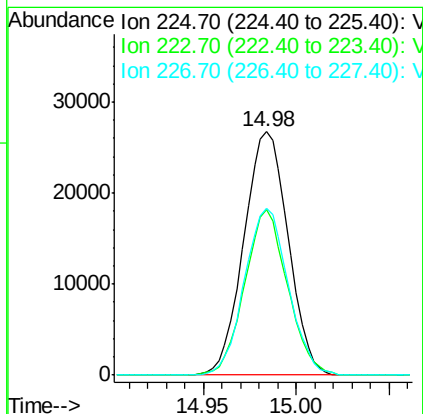
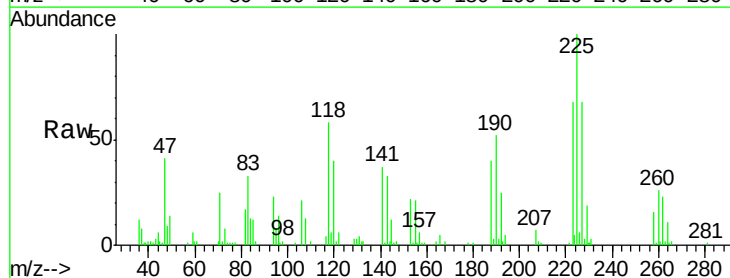
Manual Integrations
 APPROVED

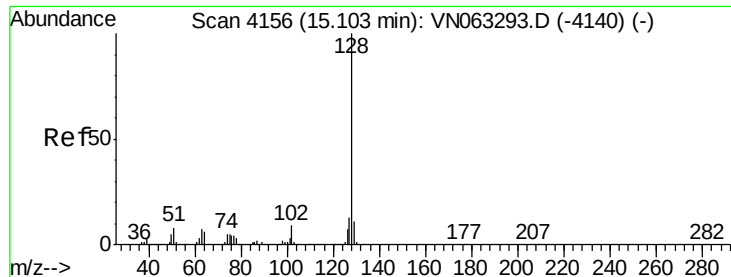
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 18.040 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44328		
223	65.7	31.3	93.9	
227	67.6	31.2	93.6	





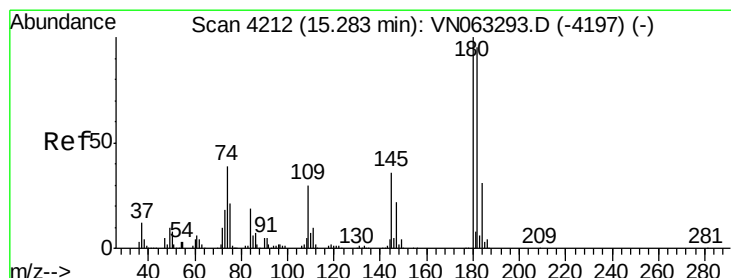
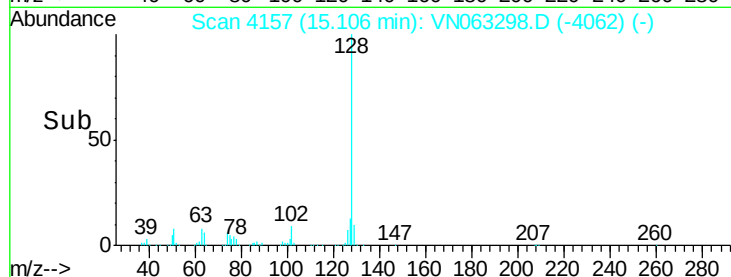
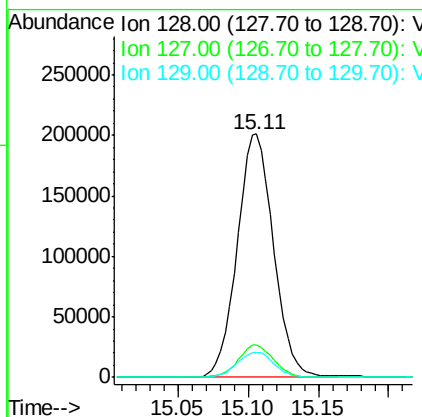
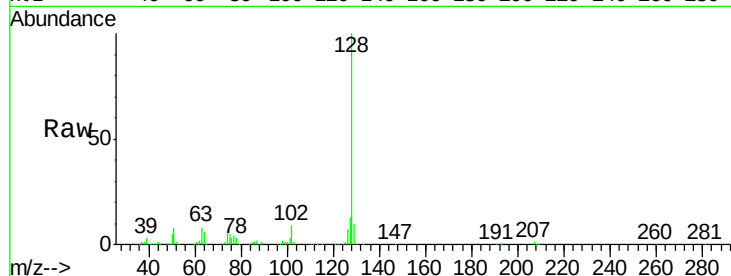
#95
Naphthalene
Concen: 18.165 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	362786		
127	12.9		10.3	15.5
129	10.5		8.6	12.8

Manual Integrations
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MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 18.689 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	112497		
182	92.5		47.4	142.3
145	33.8		17.2	51.6

