

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091020\
 Data File : VN063296.D
 Acq On : 10 Sep 2020 15:36
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN091020

Manual Integrations
 APPROVED

sam
 9/21/2020 7:26:29 PM

Quant Time: Sep 21 18:44:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 18:39:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	468643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	817329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	746509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	358758	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	350546	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.55	113	260069	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.06	98	1001290	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.38	95	375431	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	213739	47.489	ug/l	99
3) Chloromethane	2.04	50	306719	52.153	ug/l	99
4) Vinyl Chloride	2.17	62	312018	49.000	ug/l	96
5) Bromomethane	2.53	94	216644	48.764	ug/l	99
6) Chloroethane	2.67	64	195664	46.973	ug/l	98
7) Trichlorofluoromethane	2.99	101	460830	46.798	ug/l	98
8) Diethyl Ether	3.38	74	167867	47.809	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	251717	48.928	ug/l	100
10) Methyl Iodide	3.91	142	319406	47.894	ug/l	98
11) Tert butyl alcohol	4.72	59	242152	248.746	ug/l	98
12) 1,1-Dichloroethene	3.70	96	246625	48.023	ug/l	97
13) Acrolein	3.57	56	131762	241.760	ug/l	100
14) Allyl chloride	4.28	41	500454	47.470	ug/l	99
15) Acrylonitrile	4.93	53	651406	244.736	ug/l	99
16) Acetone	3.77	43	603153	237.231	ug/l	100
17) Carbon Disulfide	4.01	76	727546	50.054	ug/l	99
18) Methyl Acetate	4.28	43	301221	47.130	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	891952	48.606	ug/l	99
20) Methylene Chloride	4.50	84	292556	50.555	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	269506	46.894	ug/l	100
22) Diisopropyl ether	5.90	45	1016735	49.006	ug/l	98
23) Vinyl Acetate	5.84	43	4237254	259.469	ug/l	99
24) 1,1-Dichloroethane	5.80	63	547318	48.714	ug/l	98
25) 2-Butanone	6.78	43	924080	246.047	ug/l	99
26) 2,2-Dichloropropane	6.78	77	478837	48.625	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	322992	48.223	ug/l	98
28) Bromochloromethane	7.15	49	260753	47.861	ug/l	98
29) Tetrahydrofuran	7.16	42	599389	245.100	ug/l	98
30) Chloroform	7.33	83	547537	48.672	ug/l	100
31) Cyclohexane	7.61	56	488767	47.329	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	479572	48.903	ug/l	99
36) 1,1-Dichloropropene	7.75	75	418091	49.765	ug/l	99
37) Ethyl Acetate	6.88	43	400032	48.400	ug/l	99
38) Carbon Tetrachloride	7.73	117	417936	50.546	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	462375	50.449	ug/l	99
40) Benzene	8.00	78	1190748	49.624	ug/l	99
41) Methacrylonitrile	7.12	41	181783	48.623	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	450455	49.479	ug/l	100
43) Isopropyl Acetate	8.13	43	702313	50.176	ug/l #	91
44) Trichloroethene	8.80	130	305721	48.719	ug/l	96
45) 1,2-Dichloropropane	9.08	63	323865	49.206	ug/l	99
46) Dibromomethane	9.17	93	213217	49.956	ug/l	97
47) Bromodichloromethane	9.37	83	444419	49.966	ug/l	97
48) Methyl methacrylate	9.17	41	331504	49.636	ug/l	99
49) 1,4-Dioxane	9.17	88	97792	945.709	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1989435	257.907	ug/l	100
52) Toluene	10.13	92	740650	50.555	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	497609	51.304	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	528415	50.599	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	283130	49.319	ug/l	99
56) Ethyl methacrylate	10.40	69	452054	51.782	ug/l	100
57) 1,3-Dichloropropane	10.68	76	504523	50.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1124108	240.056	ug/l	100
59) 2-Hexanone	10.72	43	1470768	258.530	ug/l	100
60) Dibromochloromethane	10.87	129	325017	51.557	ug/l	100
61) 1,2-Dibromoethane	10.98	107	298910	49.945	ug/l	99
64) Tetrachloroethene	10.60	164	304526	49.797	ug/l	99
65) Chlorobenzene	11.41	112	781107	48.603	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	286674	48.959	ug/l	99
67) Ethyl Benzene	11.49	91	1464311	50.753	ug/l	100
68) m/p-Xylenes	11.59	106	1070922	100.346	ug/l	100
69) o-Xylene	11.92	106	514072	50.193	ug/l	99
70) Styrene	11.94	104	879860	51.689	ug/l	99
71) Bromoform	12.10	173	205295	50.691	ug/l #	100
73) Isopropylbenzene	12.23	105	1401543	48.434	ug/l	100
74) N-amyl acetate	12.05	43	624161	52.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	384128	46.350	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	382544m	48.333	ug/l	
77) Bromobenzene	12.50	156	313288	47.100	ug/l	99
78) n-propylbenzene	12.57	91	1644820	50.035	ug/l	99
79) 2-Chlorotoluene	12.65	91	974491	48.212	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1192841	49.644	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	142970	48.534	ug/l	99
82) 4-Chlorotoluene	12.75	91	1036548	48.921	ug/l	99
83) tert-Butylbenzene	12.97	119	976850	47.936	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1200237	49.557	ug/l	99
85) sec-Butylbenzene	13.15	105	1308747	50.480	ug/l	99
86) p-Isopropyltoluene	13.26	119	1202532	50.594	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	587670	48.327	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	596323	51.309	ug/l	100
89) n-Butylbenzene	13.59	91	1111074	51.784	ug/l	100
90) Hexachloroethane	13.85	117	205649	52.601	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	578346	48.120	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	90235	47.881	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	340967	48.468	ug/l	99
94) Hexachlorobutadiene	14.98	225	129050	50.913	ug/l	99
95) Naphthalene	15.11	128	1048735	49.590	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	317442	50.287	ug/l	99

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

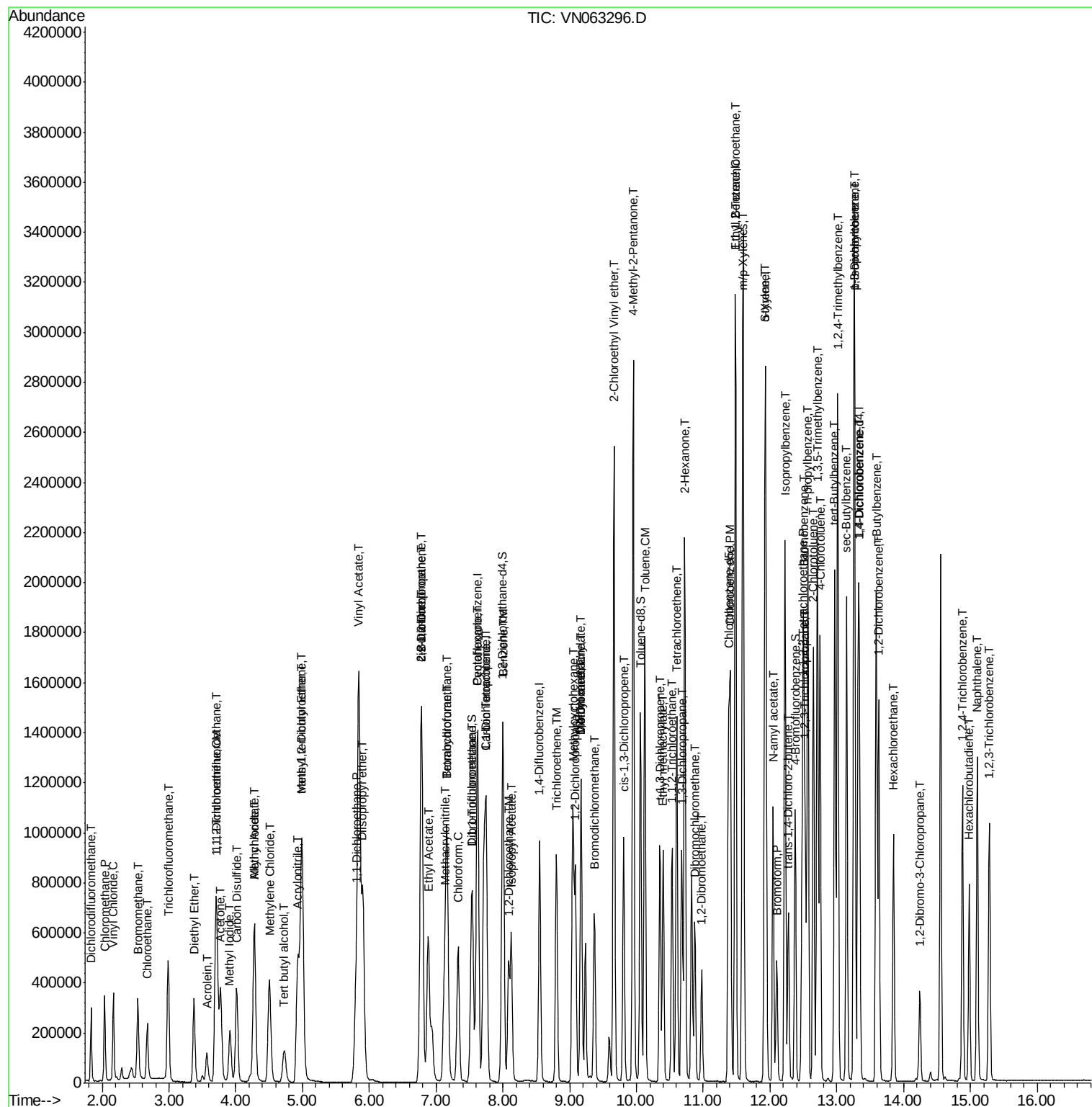
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091020\
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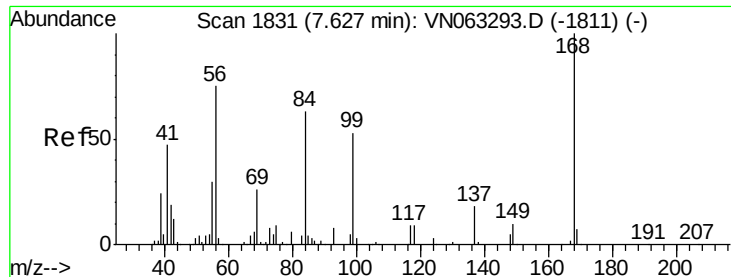
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

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Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVFN091020

Tgt Ion:168 Resp: 468643

Ion Ratio Lower Upper

168 100

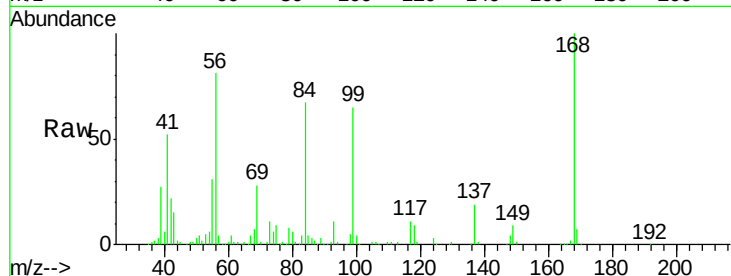
99 65.2 51.1 76.7

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

7.62

200000

150000

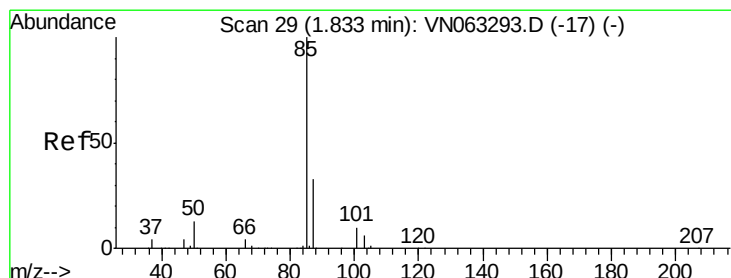
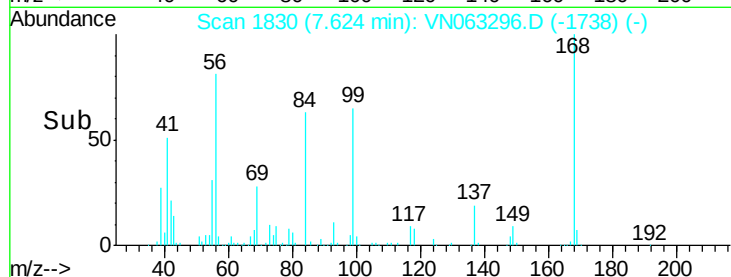
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50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.489 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063296.D

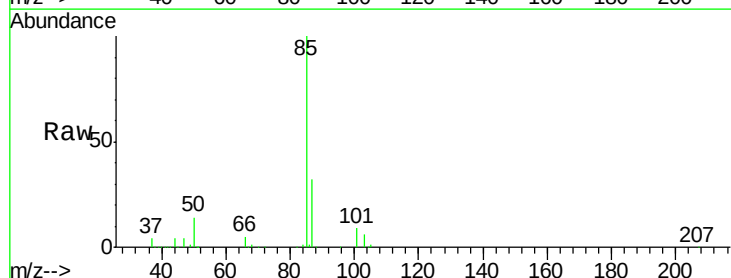
Acq: 10 Sep 2020 15:36

Tgt Ion: 85 Resp: 213739

Ion Ratio Lower Upper

85 100

87 31.9 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

150000

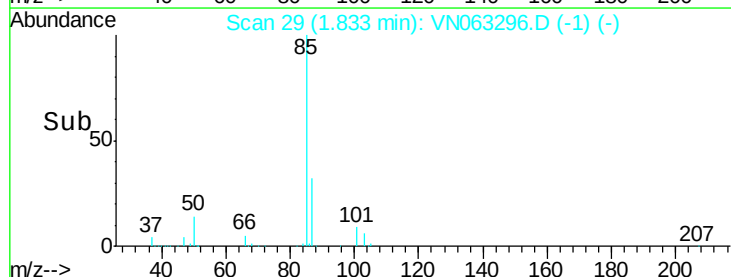
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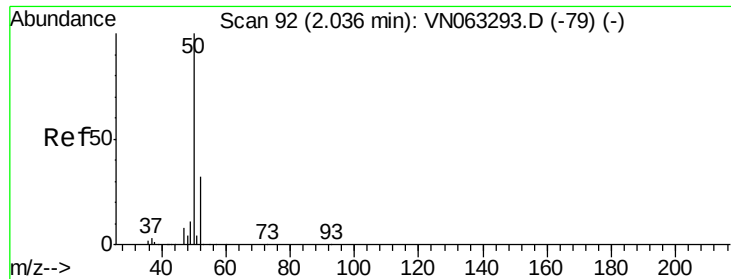
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 52.153 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

Tgt Ion: 50 Resp: 306719

Ion Ratio Lower Upper

50 100

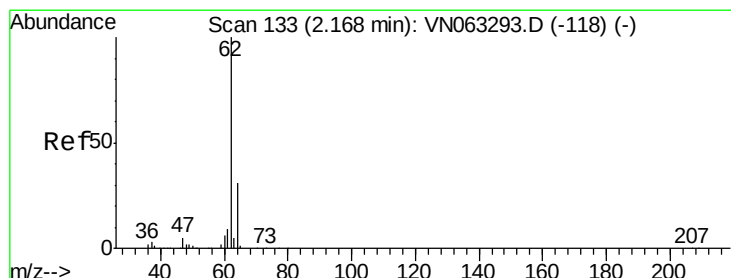
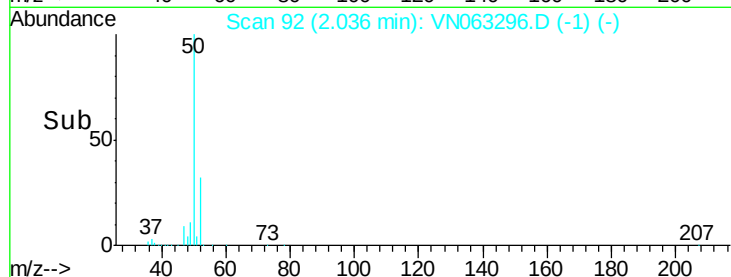
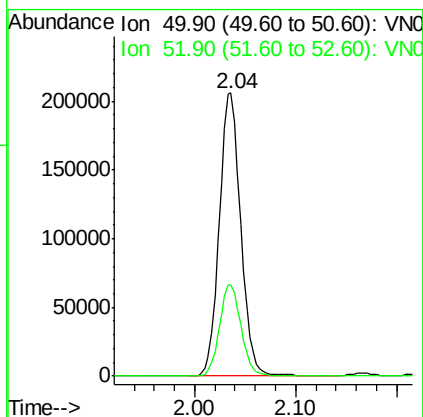
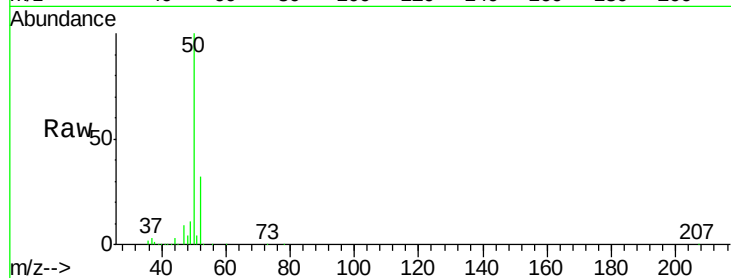
52 32.4 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.000 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063296.D

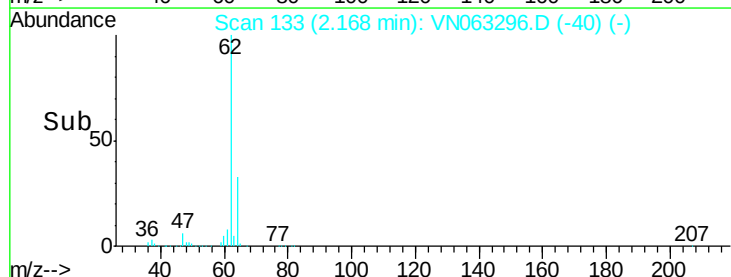
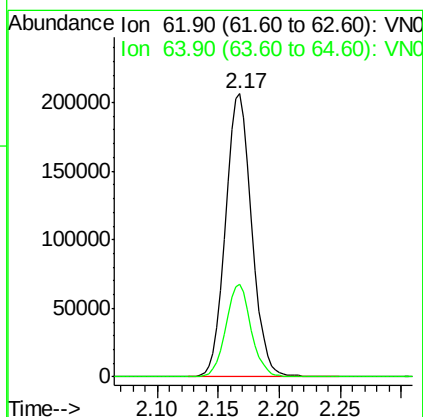
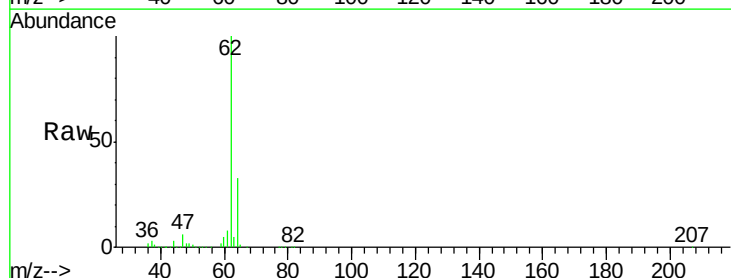
Acq: 10 Sep 2020 15:36

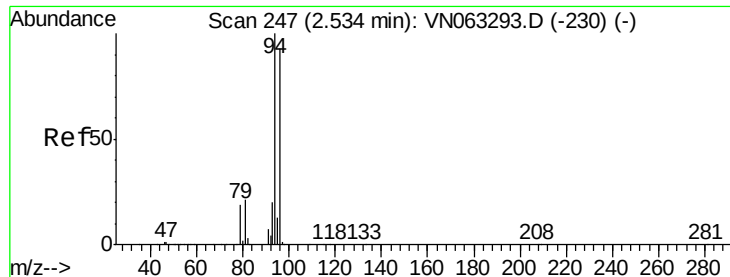
Tgt Ion: 62 Resp: 312018

Ion Ratio Lower Upper

62 100

64 32.9 24.6 37.0





#5

Bromomethane

Concen: 48.764 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 216644

Ion Ratio Lower Upper

94 100

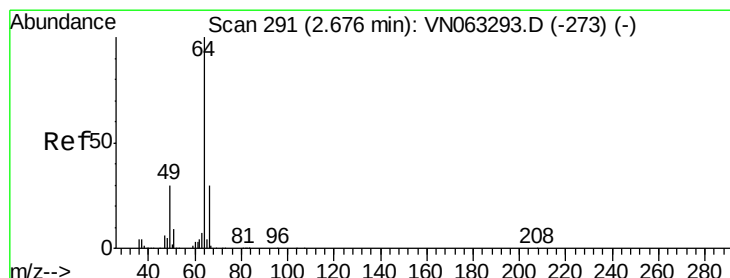
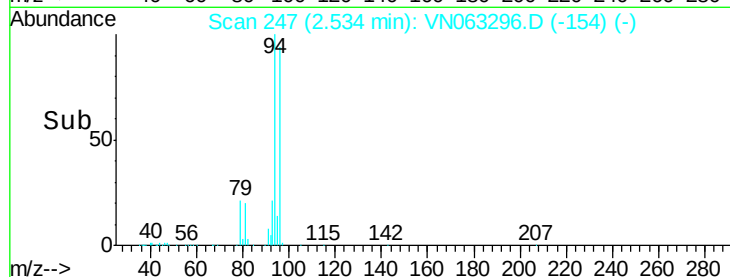
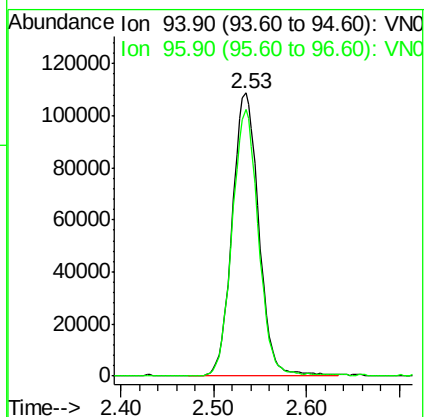
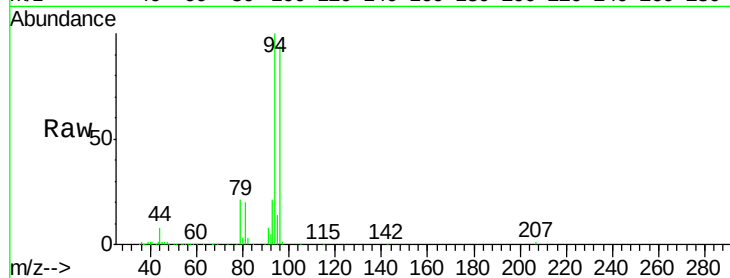
96 94.3 74.3 111.5

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#6

Chloroethane

Concen: 46.973 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063296.D

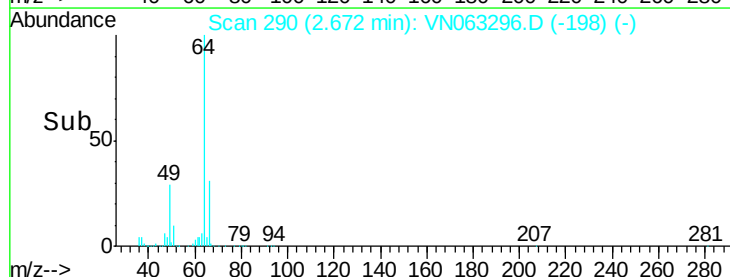
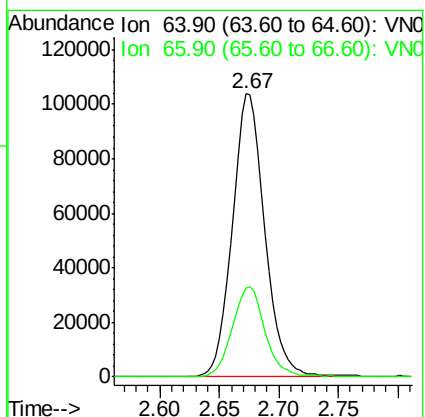
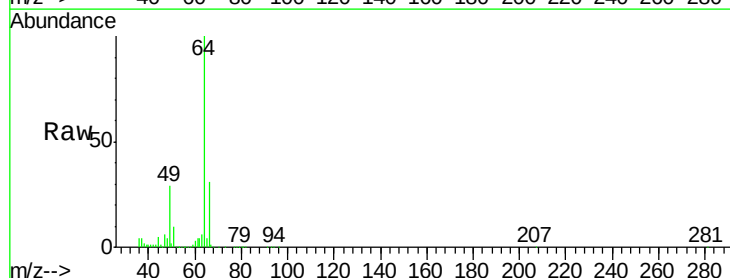
Acq: 10 Sep 2020 15:36

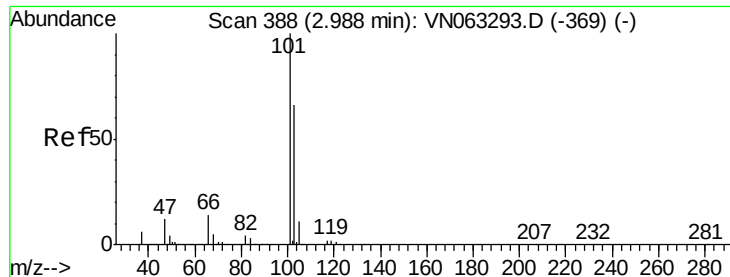
Tgt Ion: 64 Resp: 195664

Ion Ratio Lower Upper

64 100

66 31.0 23.8 35.6





#7

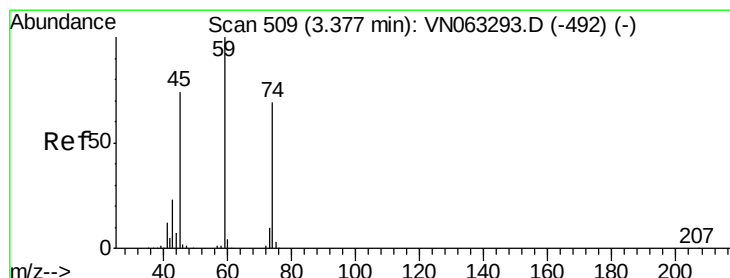
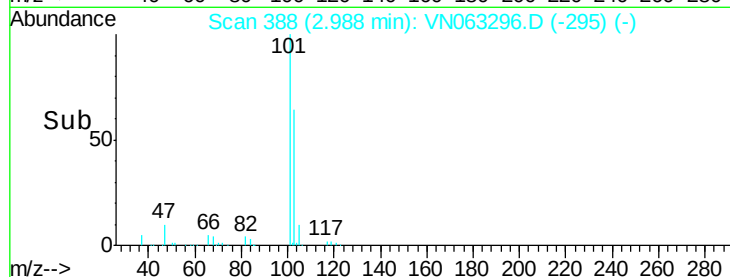
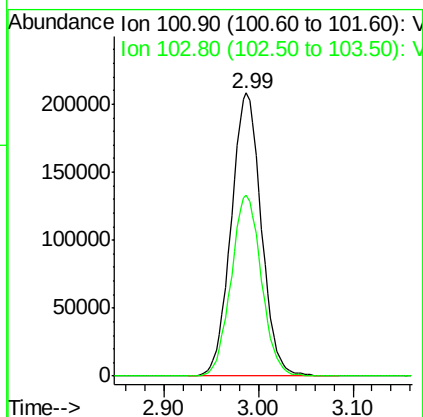
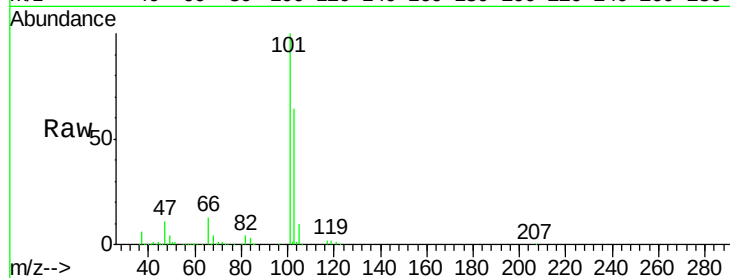
Trichlorofluoromethane
Concen: 46.798 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.4	78.6

Manual Integrations
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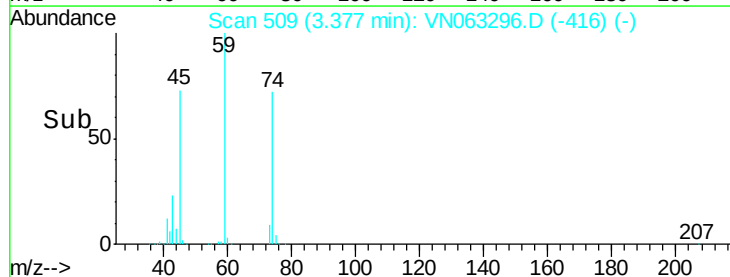
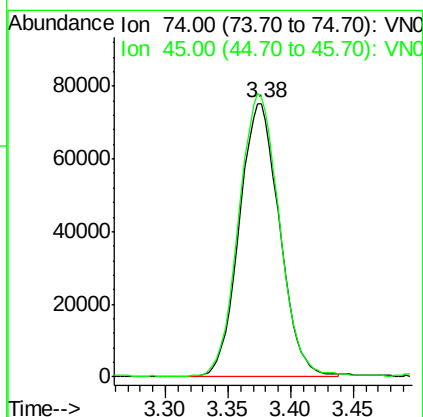
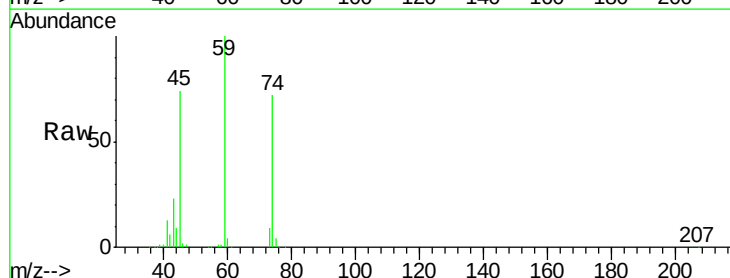
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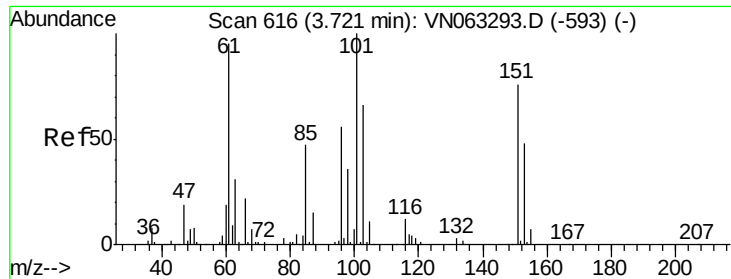


#8

Diethyl Ether
Concen: 47.809 ug/l
RT: 3.38 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN063296.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.3	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.928 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

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Instrument :

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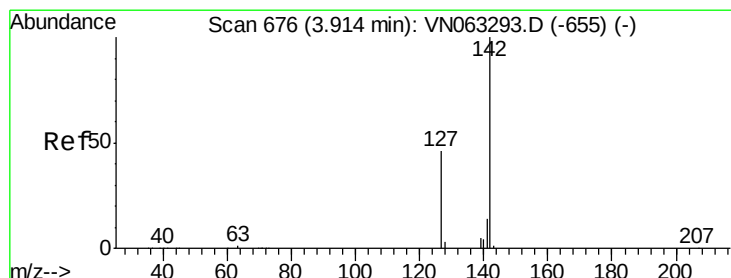
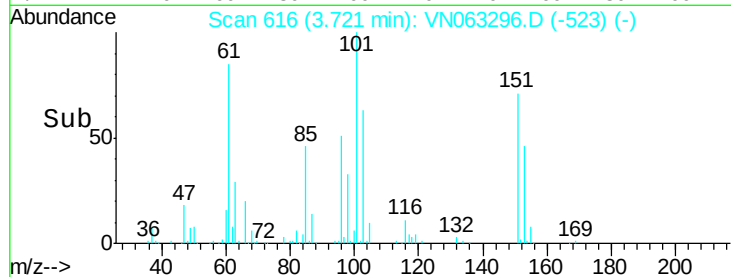
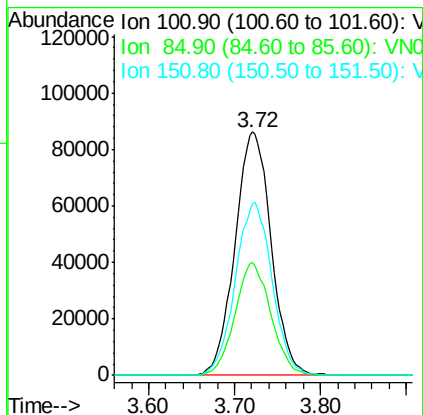
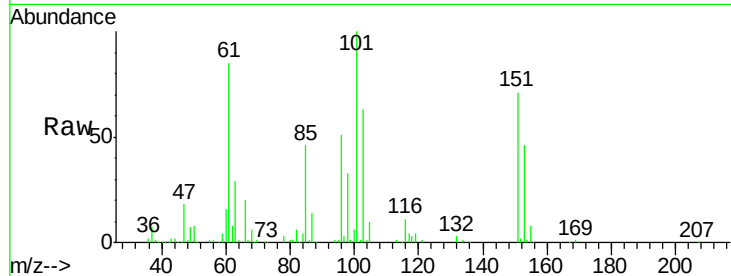
ClientSampled :

ICVVN091020

Tgt Ion:	101	Resp:	251717
Ion Ratio	Lower	Upper	
101	100		
85	45.9	36.9	55.3
151	72.3	57.8	86.8

Manual Integrations
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sam
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#10

Methyl Iodide

Concen: 47.894 ug/l

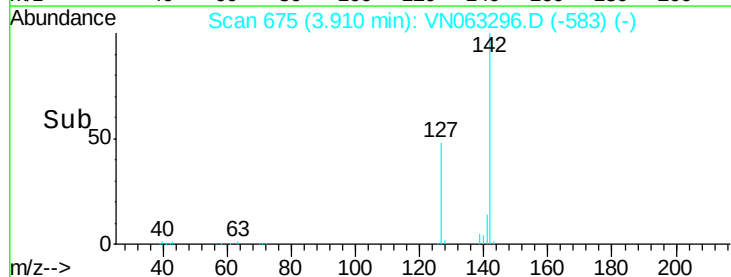
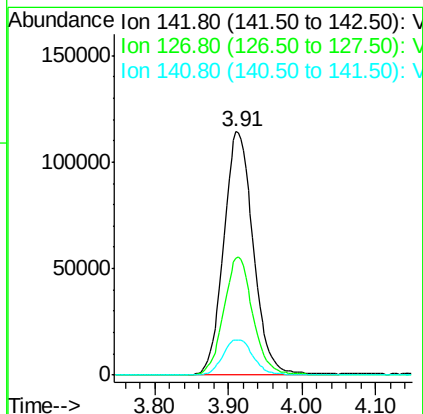
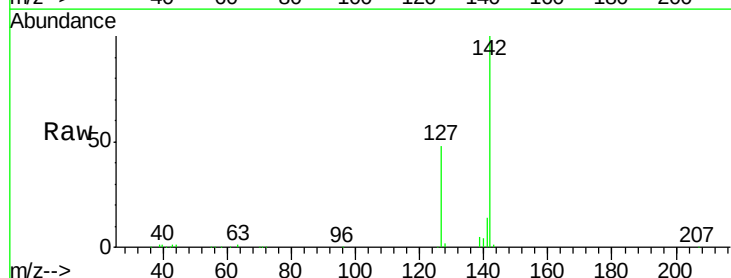
RT: 3.91 min Scan# 675

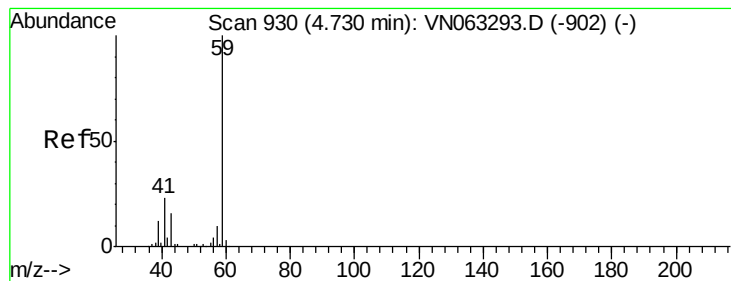
Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Tgt Ion:	142	Resp:	319406
Ion Ratio	Lower	Upper	
142	100		
127	47.7	37.1	55.7
141	14.9	11.6	17.4





#11

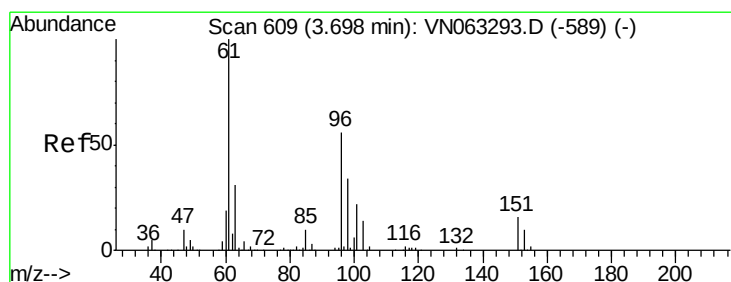
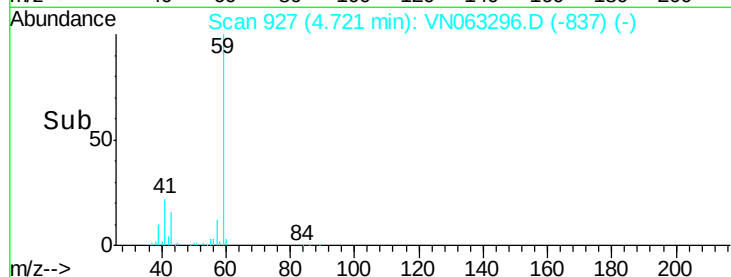
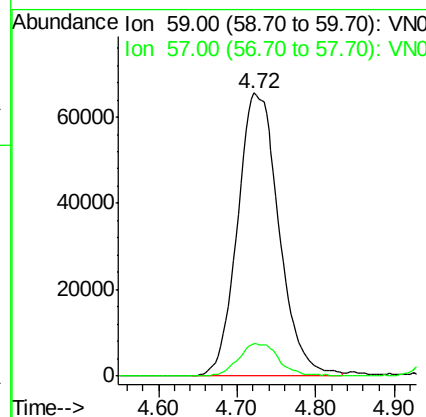
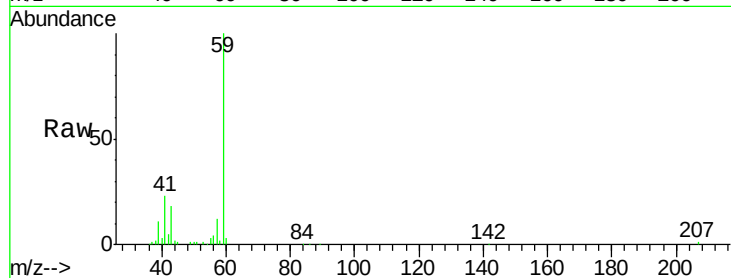
Tert butyl alcohol
Concen: 248.746 ug/l
RT: 4.72 min Scan# 927
Delta R.T. -0.01 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.3	12.5

Manual Integrations
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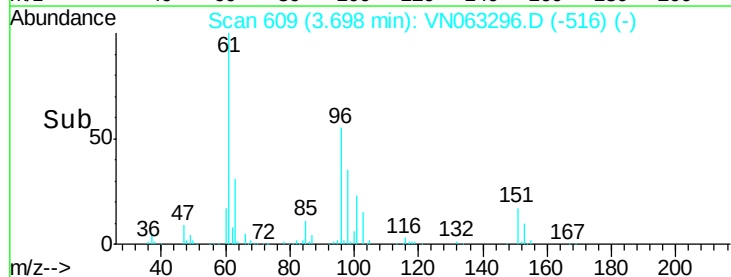
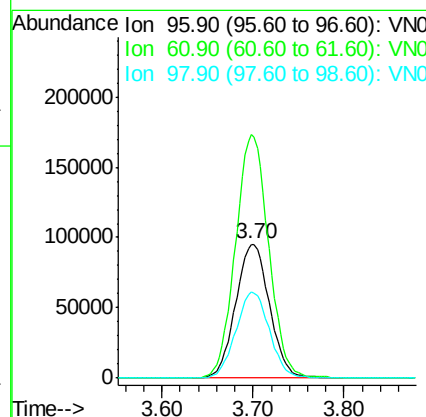
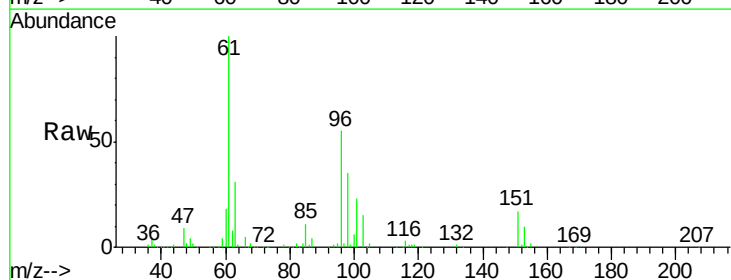
sam
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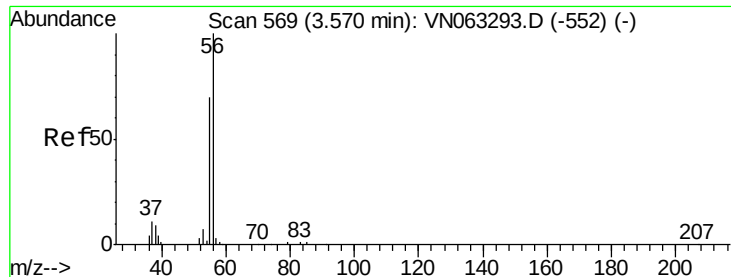


#12

1,1-Dichloroethene
Concen: 48.023 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.7	142.1	213.1
98	64.4	48.8	73.2





#13

Acrolein

Concen: 241.760 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

Tgt Ion: 56 Resp: 131762

Ion Ratio Lower Upper

56 100

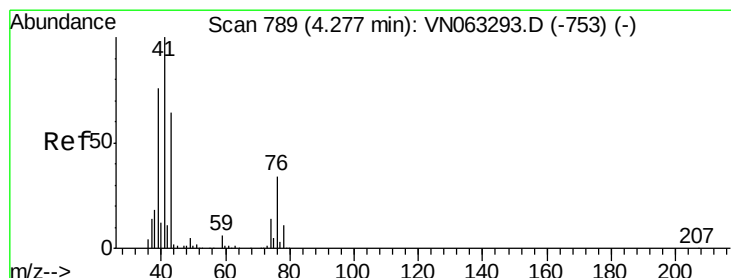
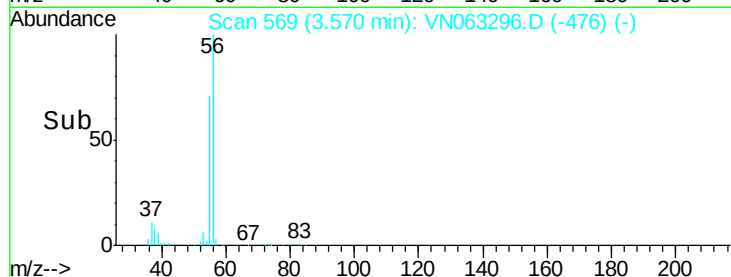
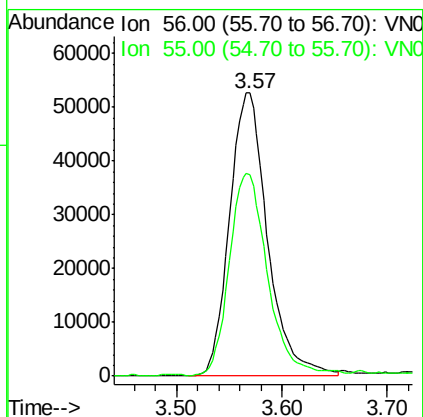
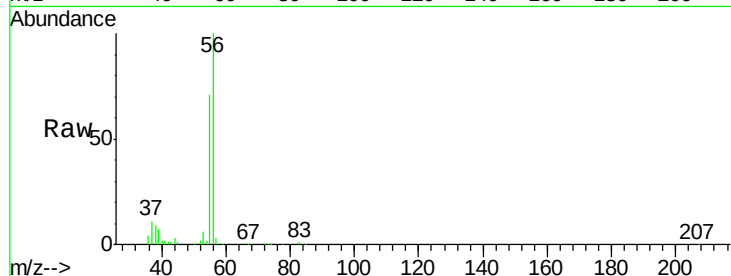
55 71.1 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 47.470 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

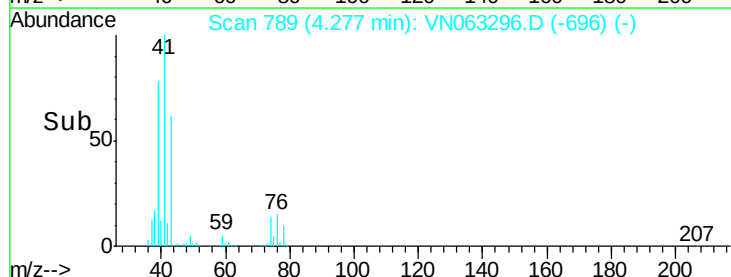
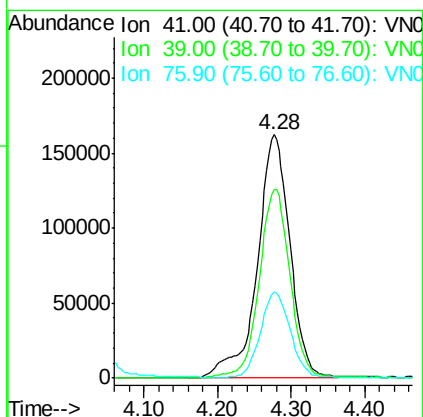
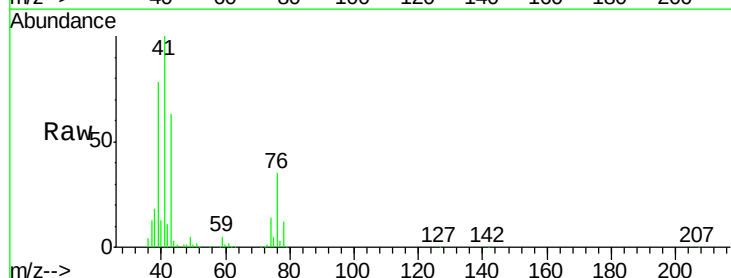
Tgt Ion: 41 Resp: 500454

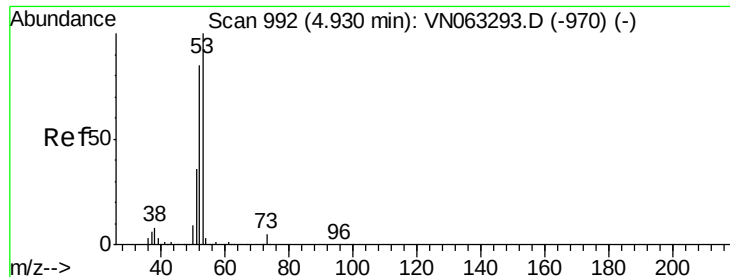
Ion Ratio Lower Upper

41 100

39 72.3 57.4 86.2

76 31.4 25.7 38.5





#15

Acrylonitrile

Concen: 244.736 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

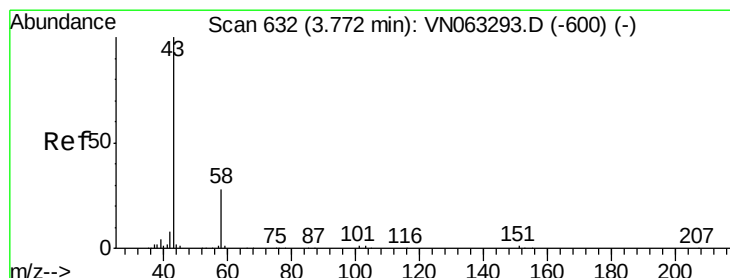
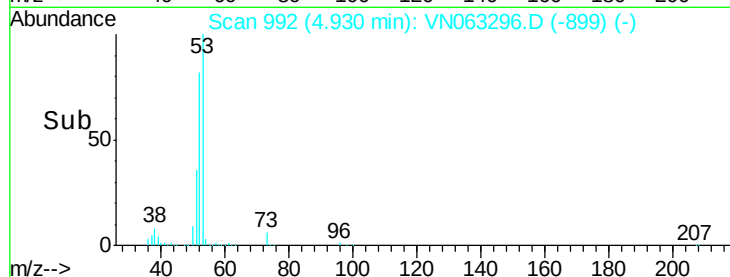
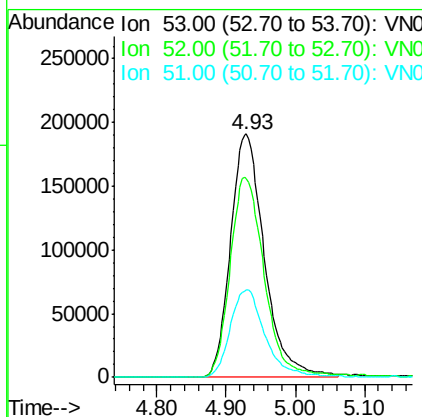
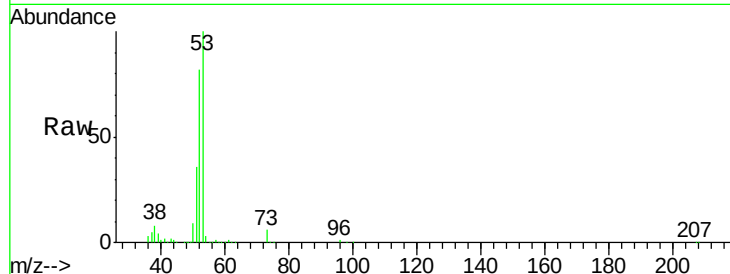
ClientSampleId :

ICVVN091020

Tgt Ion:	53	Resp:	651406
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.5	99.7
51	37.1	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 237.231 ug/l

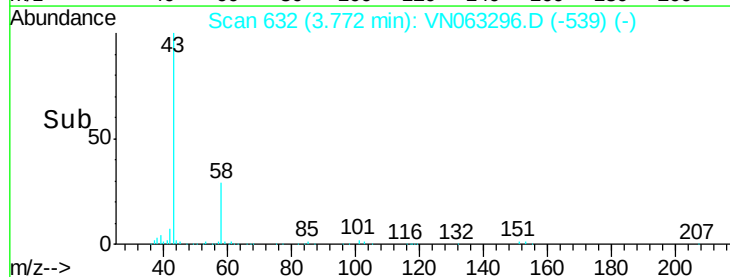
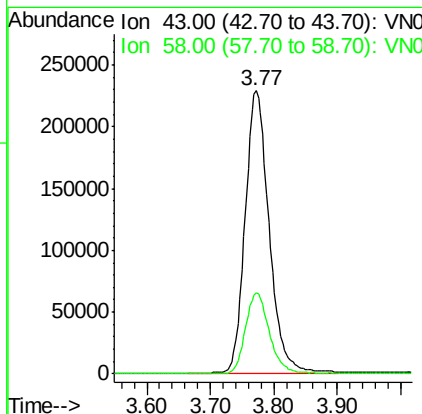
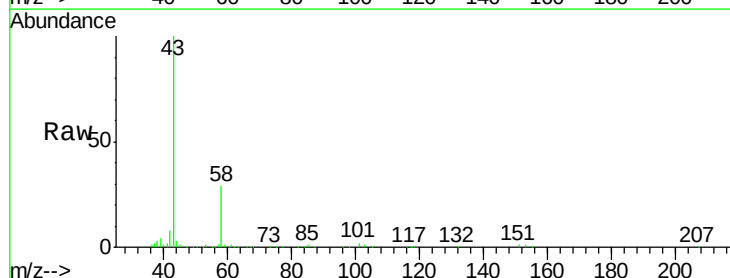
RT: 3.77 min Scan# 632

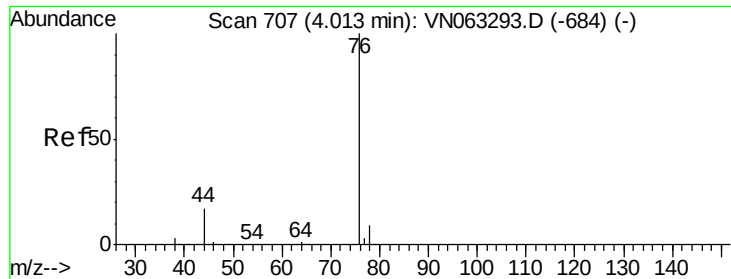
Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Tgt Ion:	43	Resp:	603153
Ion Ratio	Lower	Upper	
43	100		
58	28.5	22.6	34.0





#17

Carbon Disulfide

Concen: 50.054 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

Tgt Ion: 76 Resp: 727546

Ion Ratio Lower Upper

76 100

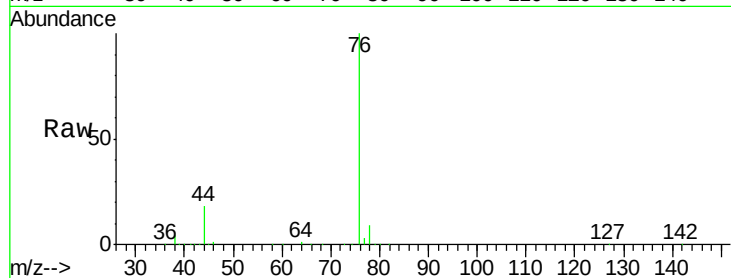
78 8.7 7.2 10.8

Manual Integrations

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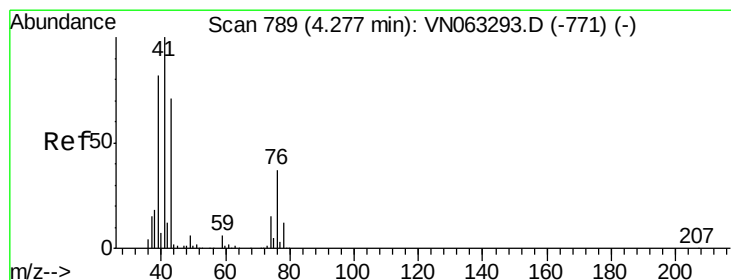
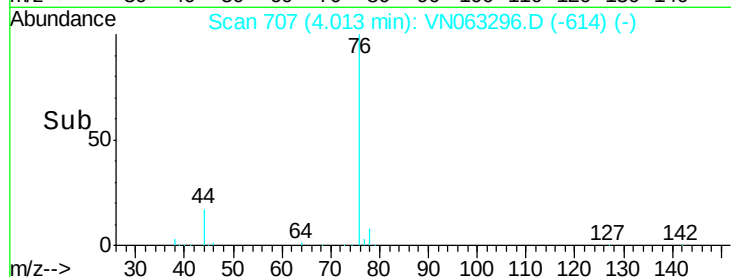
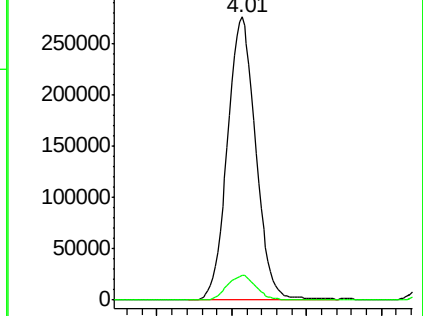
sam

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 47.130 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063296.D

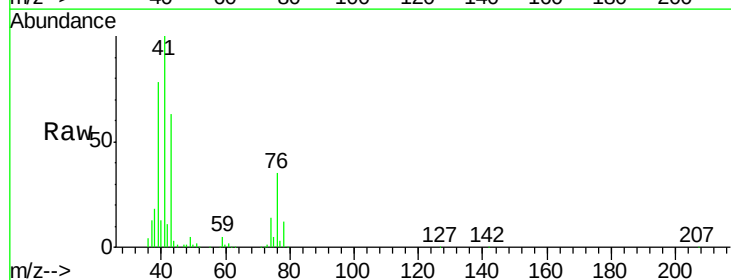
Acq: 10 Sep 2020 15:36

Tgt Ion: 43 Resp: 301221

Ion Ratio Lower Upper

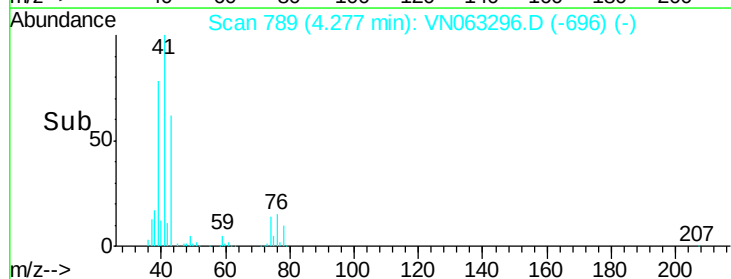
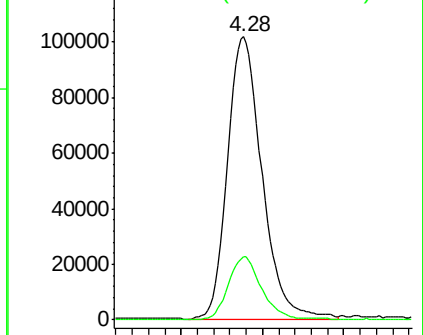
43 100

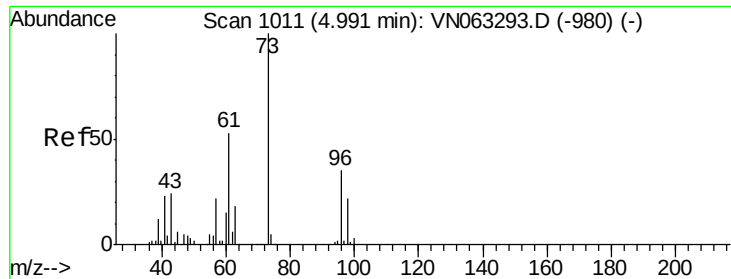
74 21.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





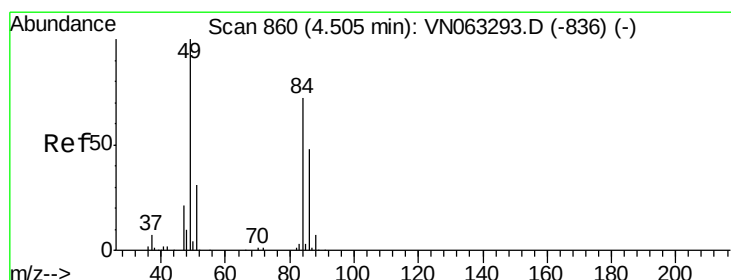
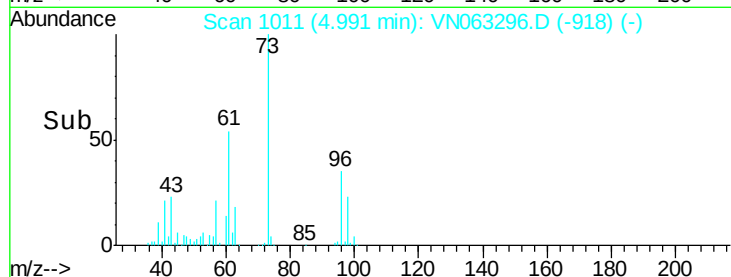
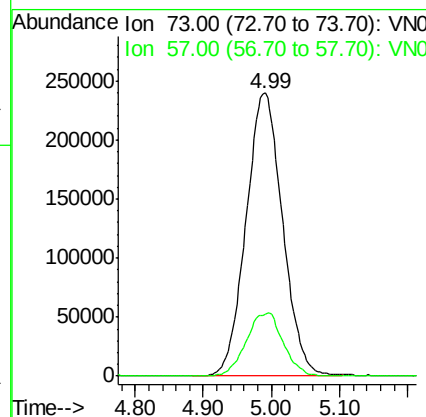
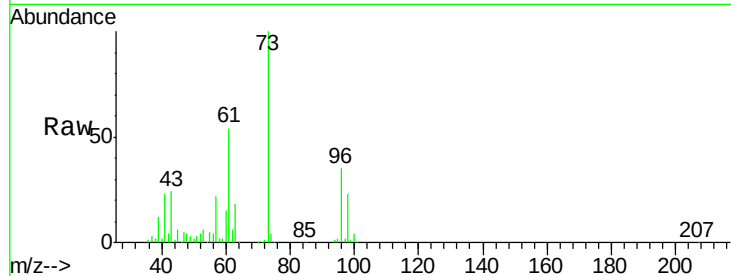
#19
Methyl tert-butyl Ether
Concen: 48.606 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampled :
ICVVN091020

Tgt Ion: 73 Resp: 891952
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3

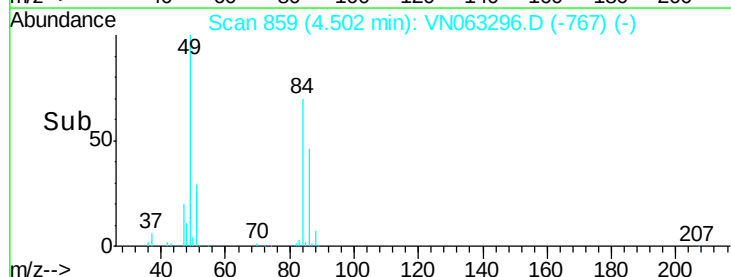
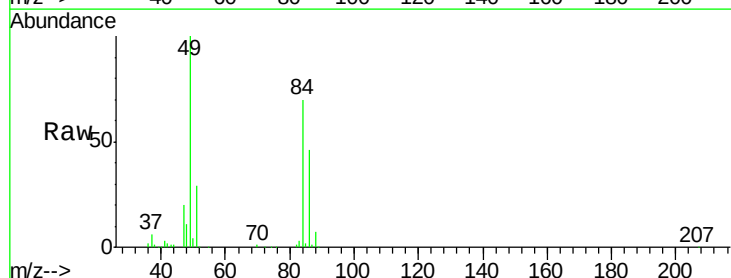
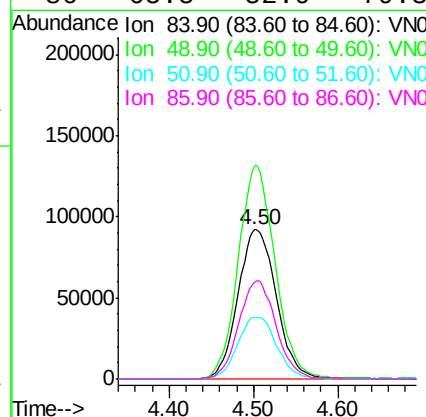
Manual Integrations
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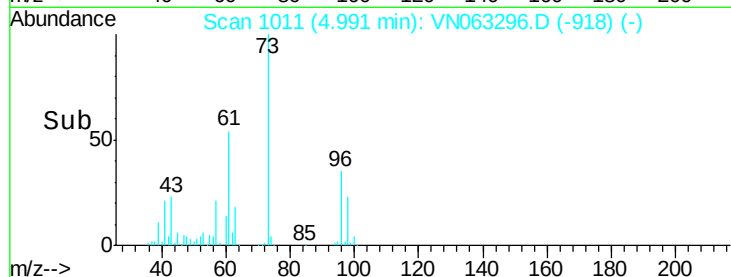
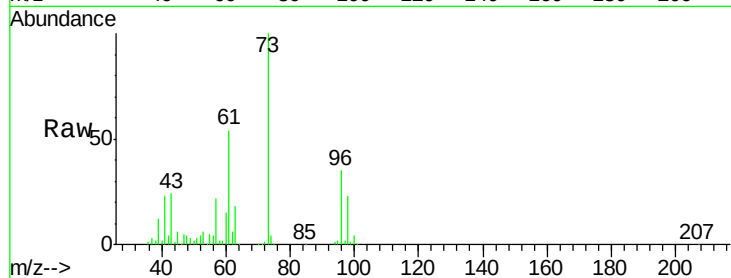
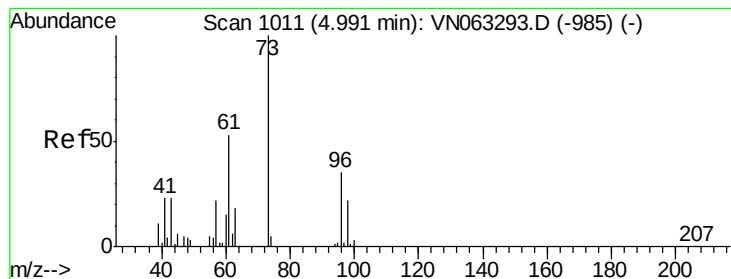
sam
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#20
Methylene Chloride
Concen: 50.555 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion: 84 Resp: 292556
Ion Ratio Lower Upper
84 100
49 143.0 111.1 166.7
51 41.5 34.3 51.5
86 65.5 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 46.894 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Tgt Ion:	96	Resp:	269506
Ion	Ratio	Lower	Upper
96	100		
61	152.4	121.8	182.8
98	64.1	51.2	76.8

Instrument :

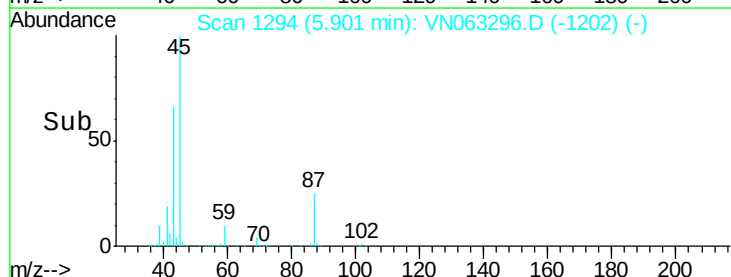
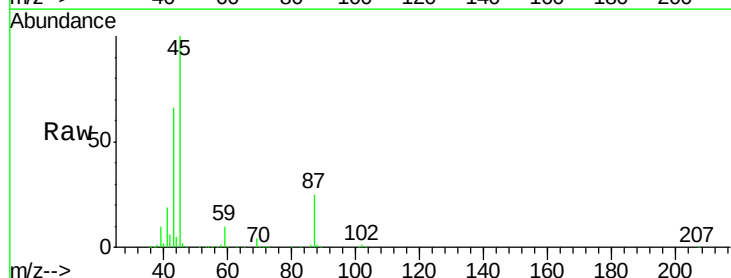
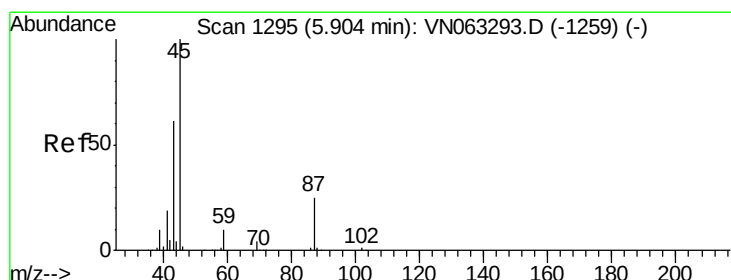
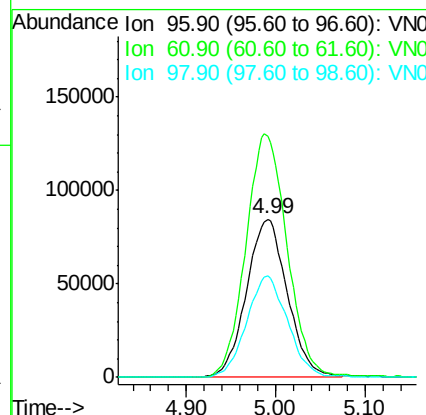
MSVOA_N

ClientSampleId :

ICVVN091020

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.006 ug/l

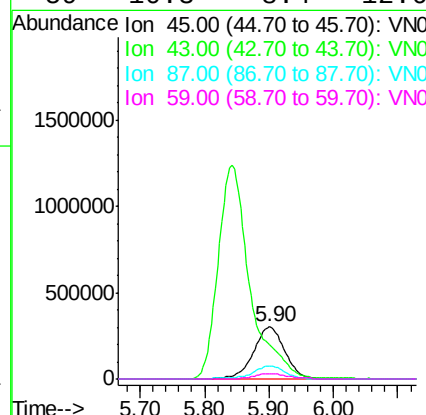
RT: 5.90 min Scan# 1294

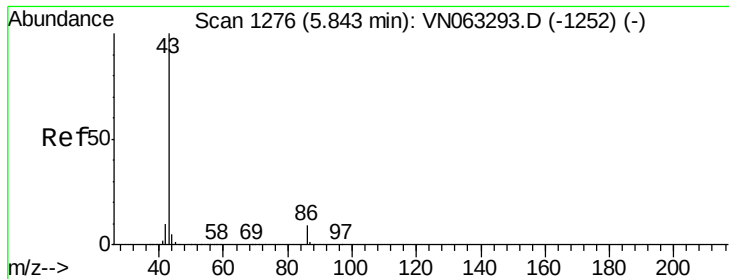
Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Tgt Ion:	45	Resp:	1016735
Ion	Ratio	Lower	Upper
45	100		
43	64.4	50.3	75.5
87	24.5	20.7	31.1
59	10.3	8.4	12.6





#23

Vinyl Acetate

Concen: 259.469 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampled :

ICVVN091020

Tgt Ion: 43 Resp: 4237254

Ion Ratio Lower Upper

43 100

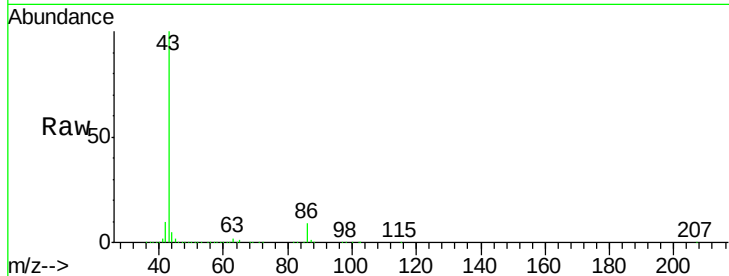
86 9.2 7.2 10.8

Manual Integrations

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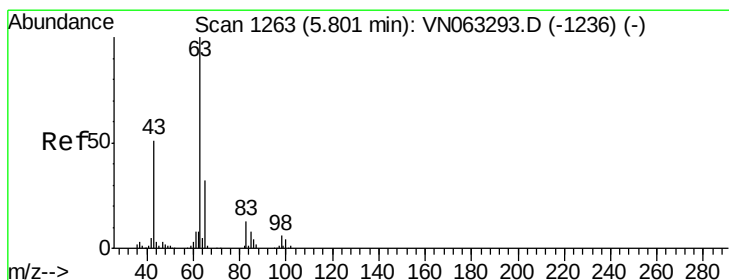
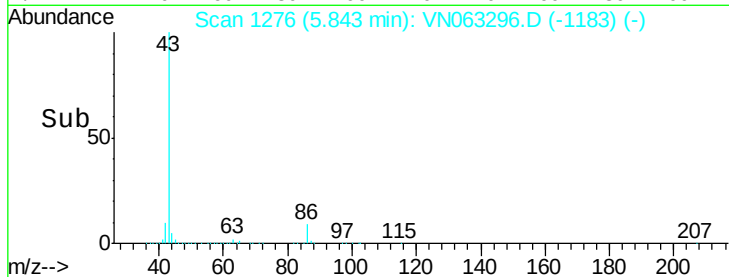
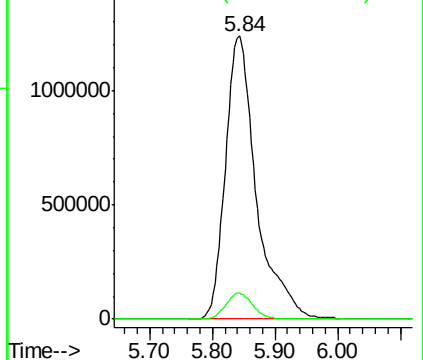
sam

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.714 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

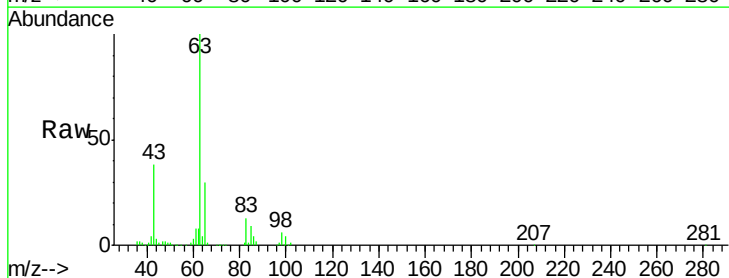
Tgt Ion: 63 Resp: 547318

Ion Ratio Lower Upper

63 100

98 5.6 3.1 9.3

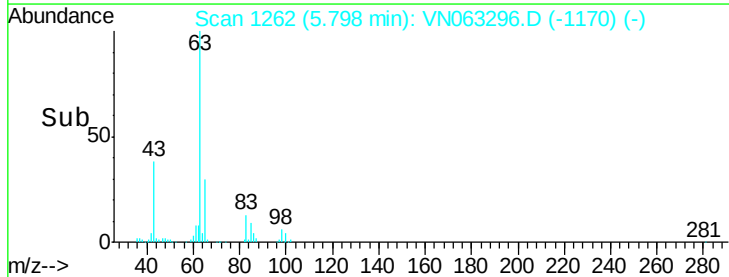
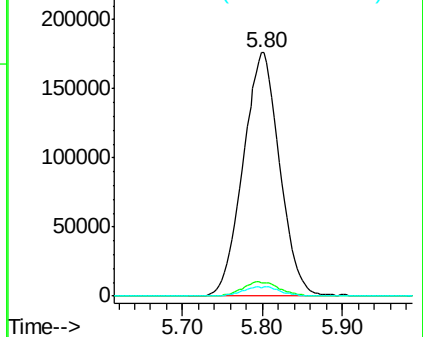
100 3.6 2.0 6.0

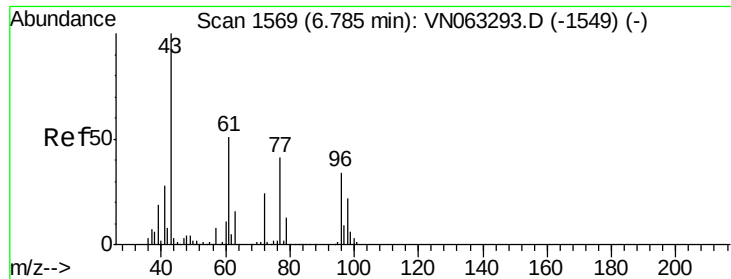


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 246.047 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

Tgt Ion: 43 Resp: 924080

Ion Ratio Lower Upper

43 100

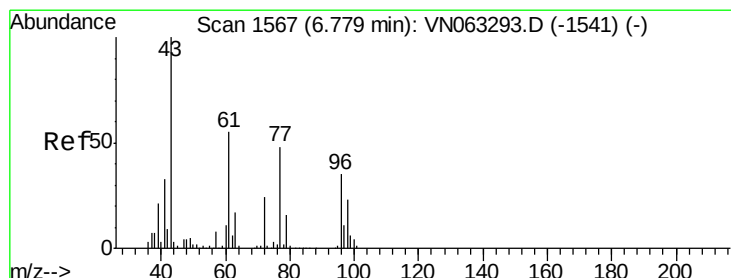
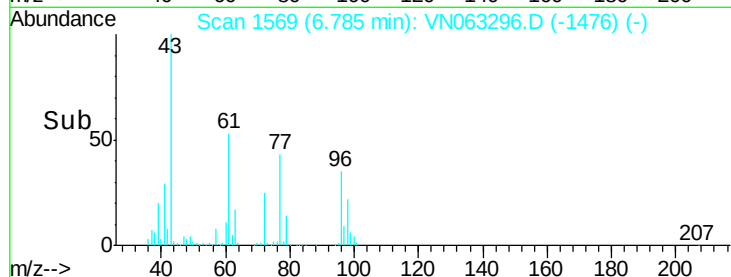
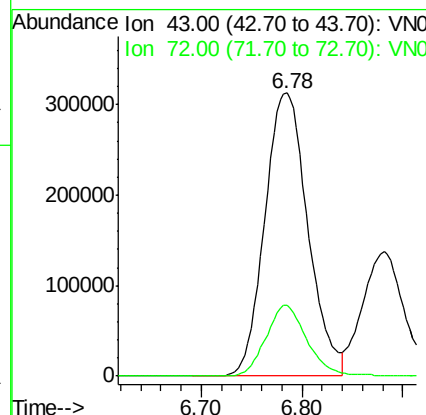
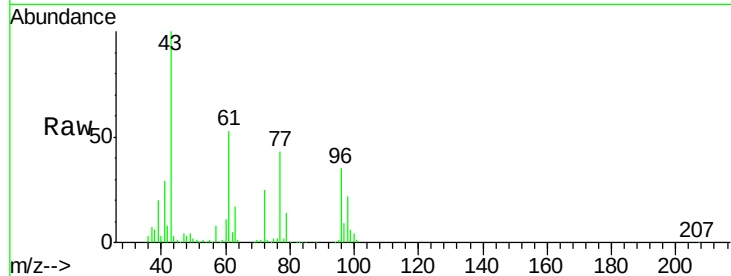
72 24.9 19.4 29.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.625 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063296.D

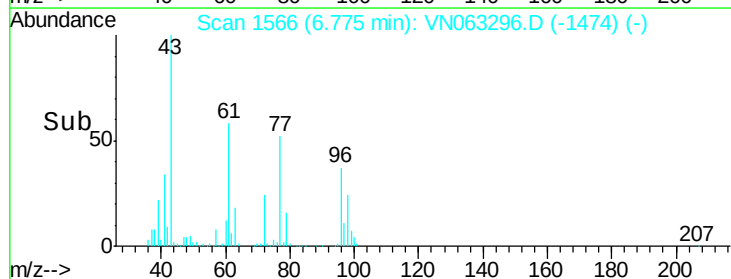
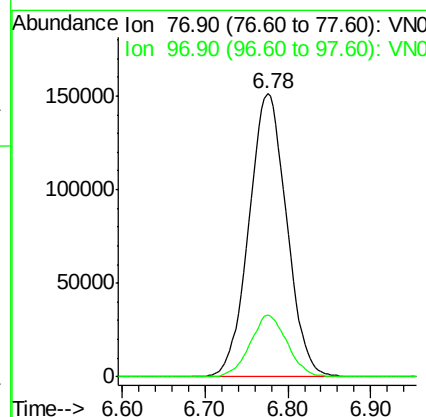
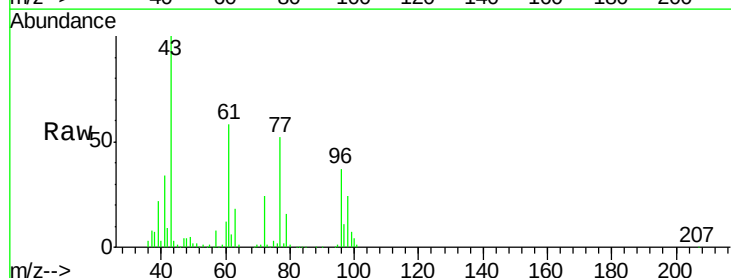
Acq: 10 Sep 2020 15:36

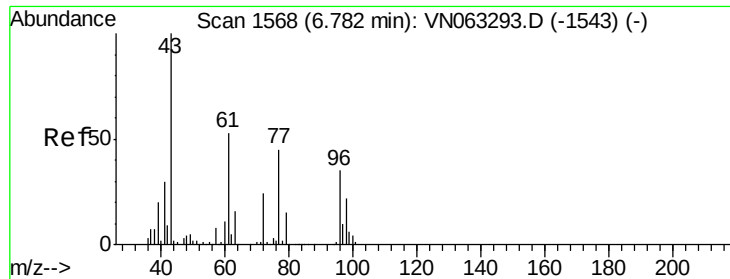
Tgt Ion: 77 Resp: 478837

Ion Ratio Lower Upper

77 100

97 21.4 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 48.223 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

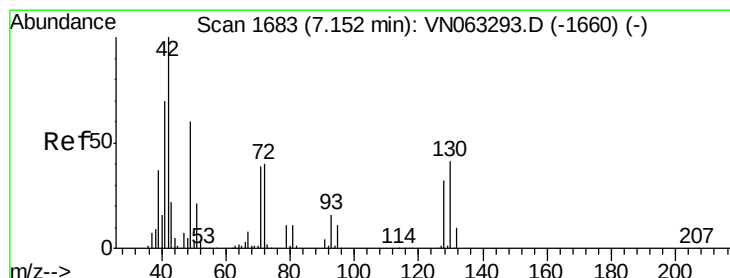
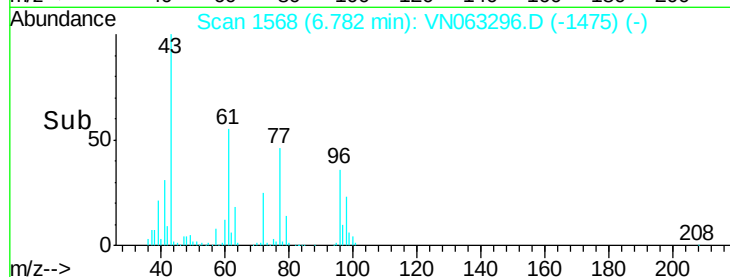
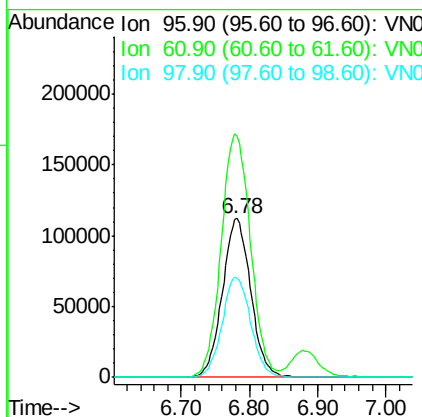
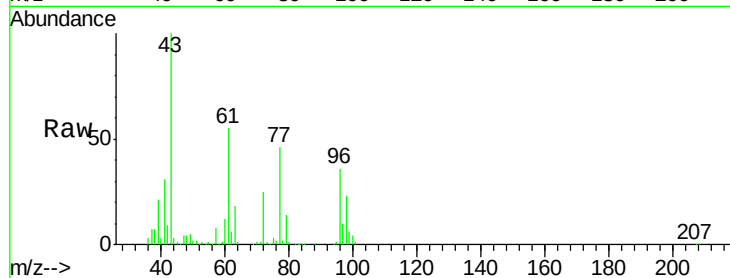
ClientSampled :

ICVVN091020

Tgt Ion:	96	Resp:	322992
Ion	Ratio	Lower	Upper
96	100		
61	159.1	0.0	322.8
98	63.9	0.0	132.2

Manual Integrations
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#28

Bromochloromethane

Concen: 47.861 ug/l

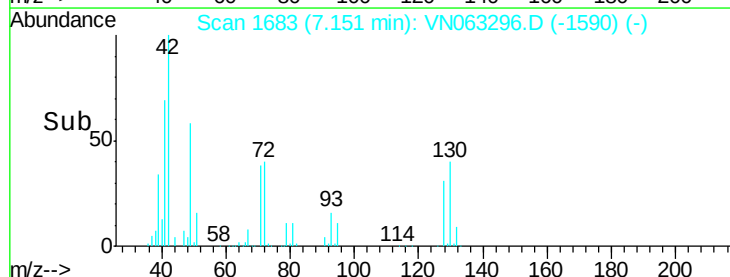
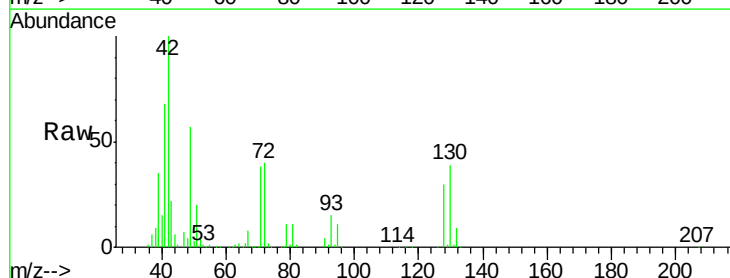
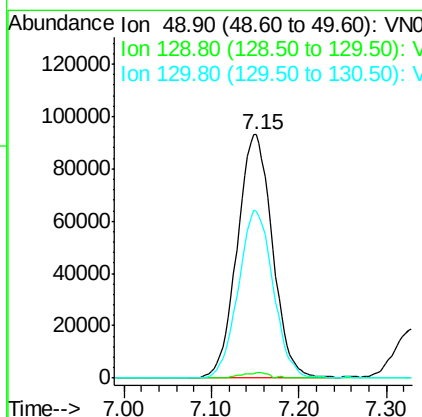
RT: 7.15 min Scan# 1683

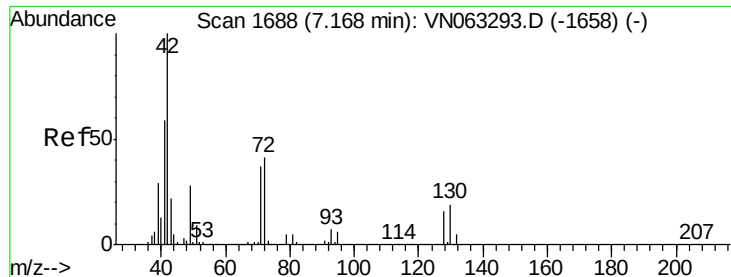
Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Tgt Ion:	49	Resp:	260753
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	67.9	53.1	79.7





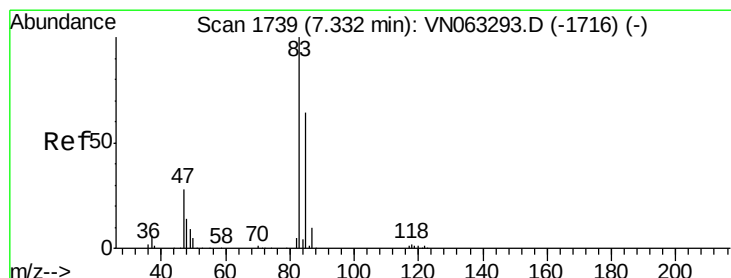
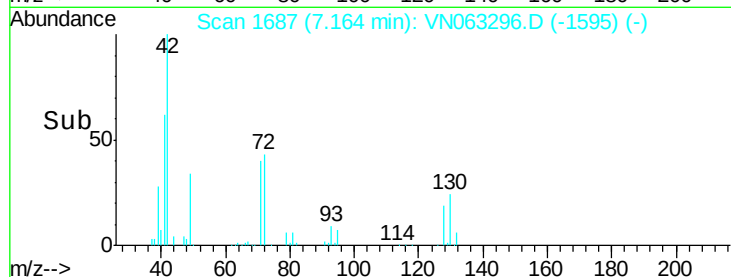
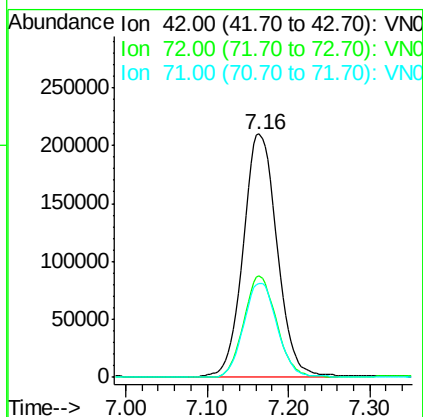
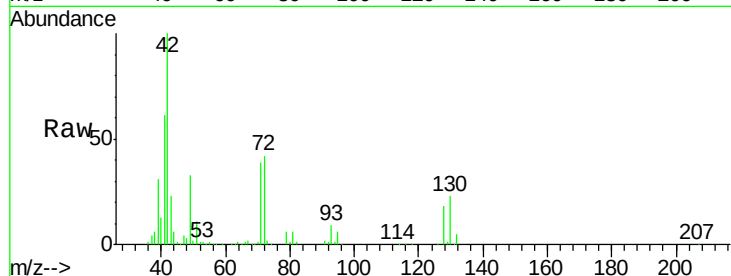
#29
Tetrahydrofuran
Concen: 245.100 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampled :
ICVFN091020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.4	31.4	47.2
71	38.6	30.0	45.0

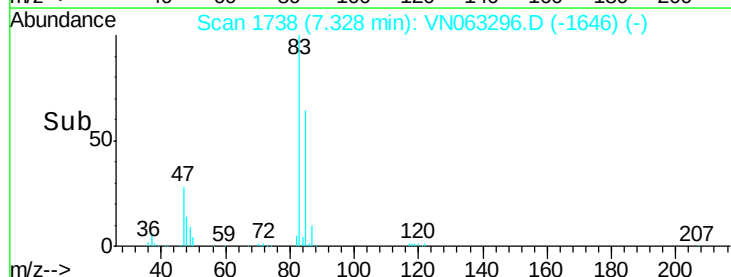
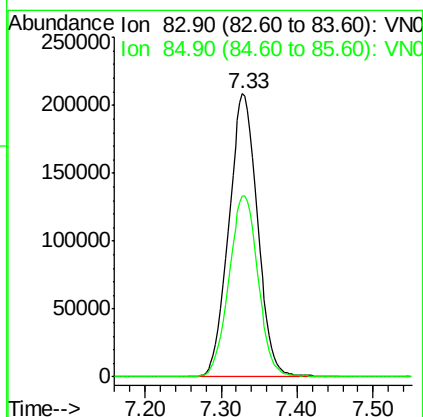
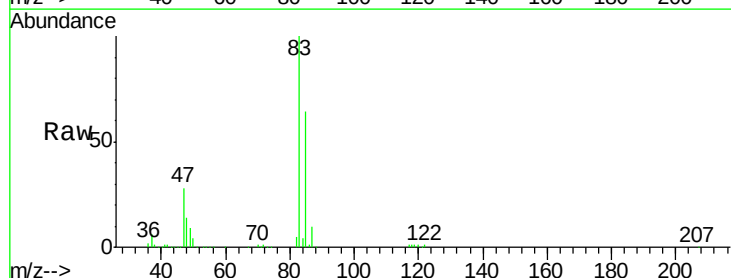
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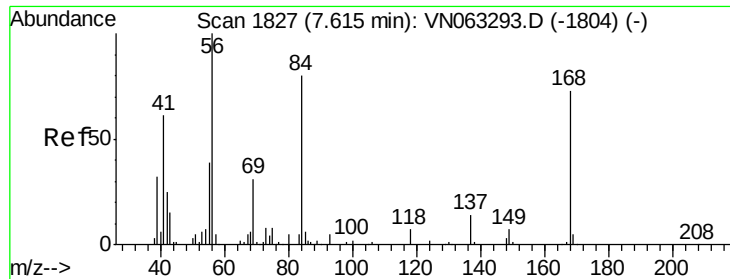
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#30
Chloroform
Concen: 48.672 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.2	76.8





#31

Cyclohexane

Concen: 47.329 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

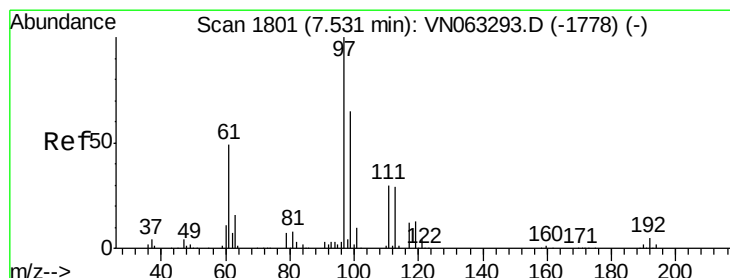
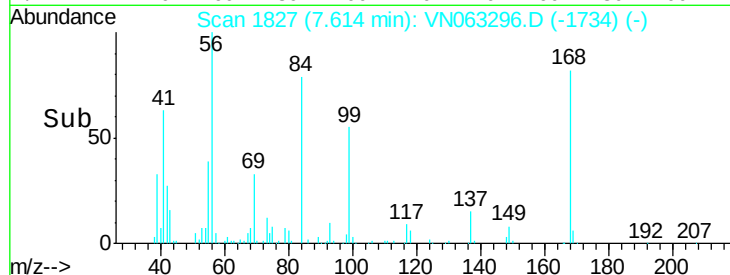
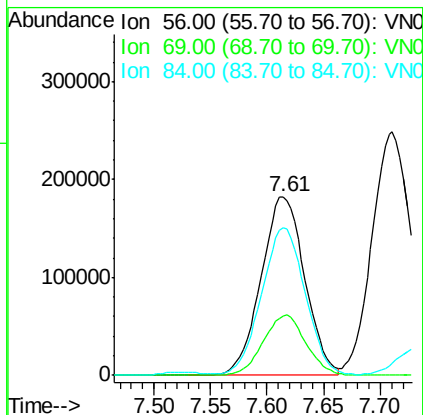
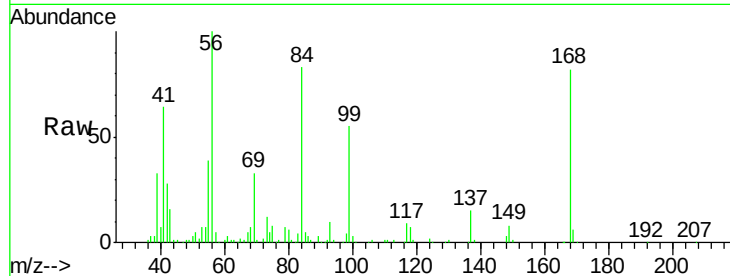
ClientSampled :

ICVVN091020

Tgt Ion:	56	Resp:	488767
Ion Ratio	Lower	Upper	
56	100		
69	33.1	25.1	37.7
84	81.0	64.2	96.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.903 ug/l

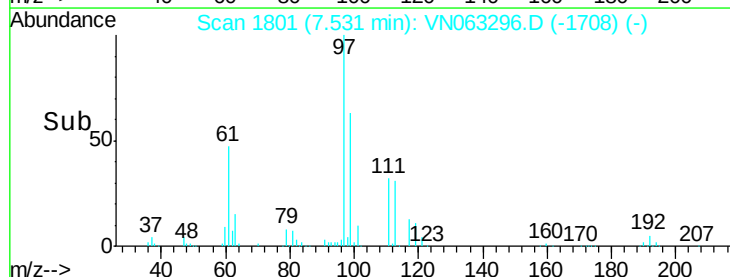
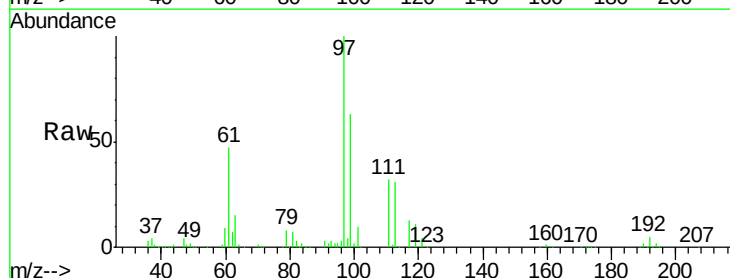
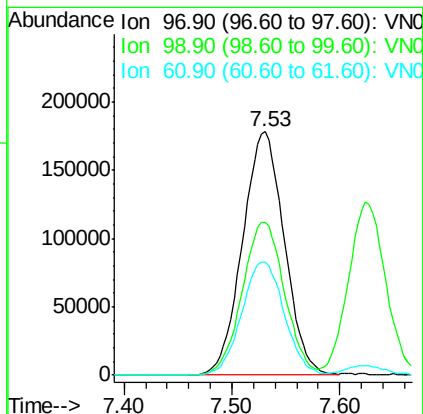
RT: 7.53 min Scan# 1801

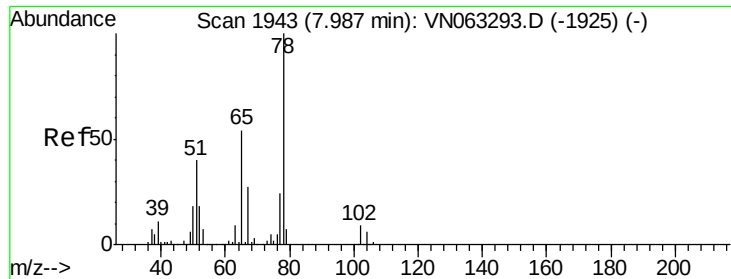
Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Tgt Ion:	97	Resp:	479572
Ion Ratio	Lower	Upper	
97	100		
99	63.4	51.4	77.2
61	47.3	38.9	58.3





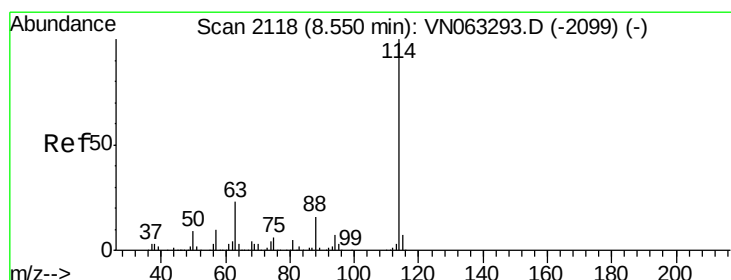
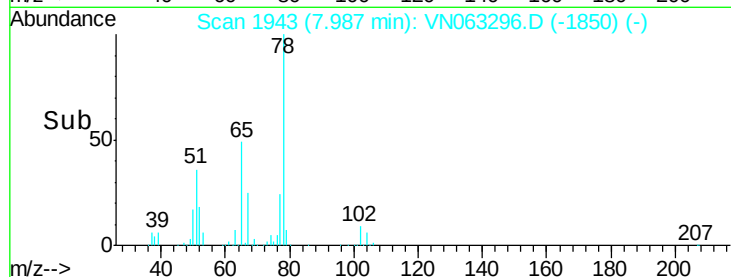
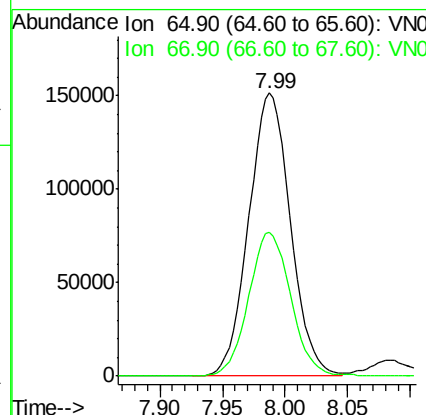
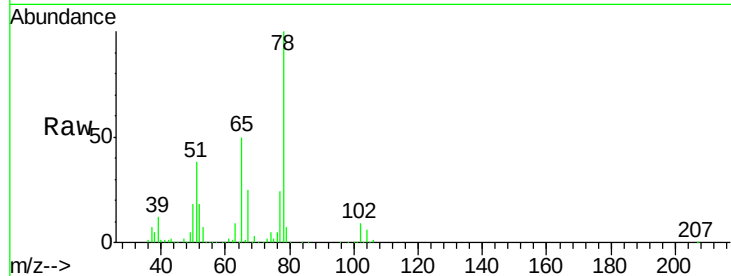
#33
 1,2-Dichloroethane-d4
 Concen: 47.609 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	350546		
67	51.5	0.0	104.6	

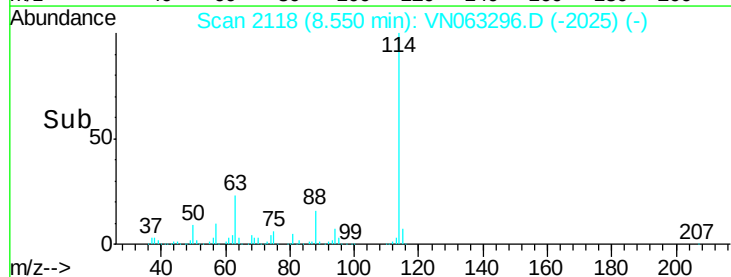
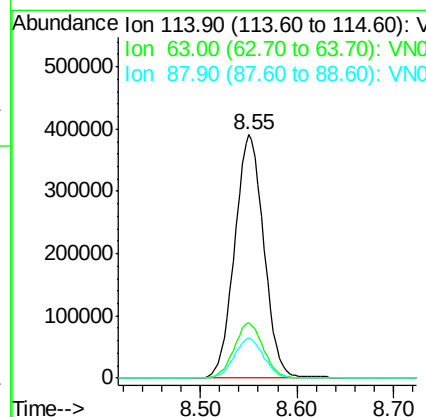
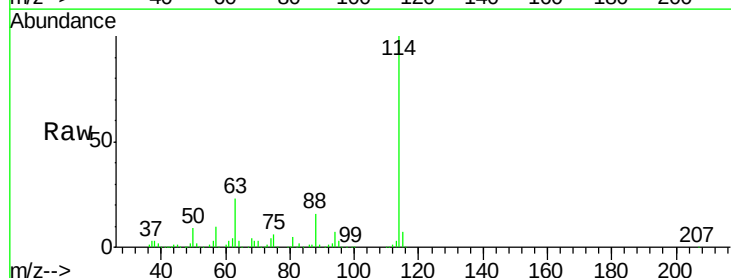
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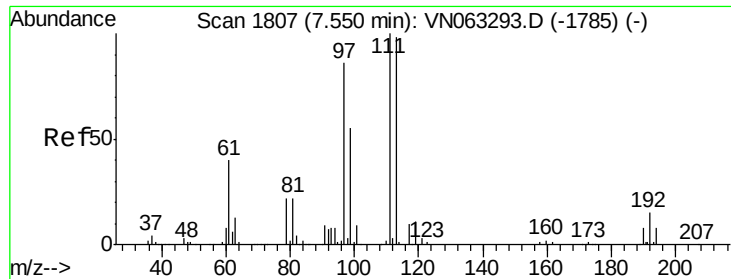
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	817329		
63	22.7	0.0	46.0	
88	16.4	0.0	32.8	





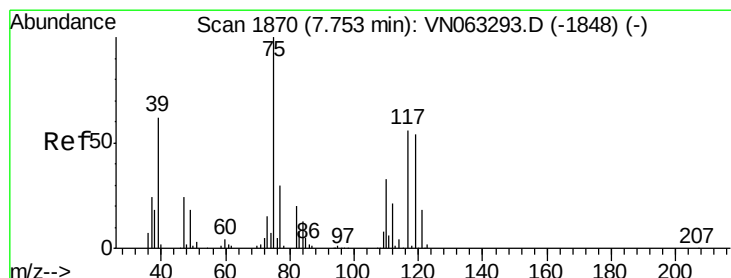
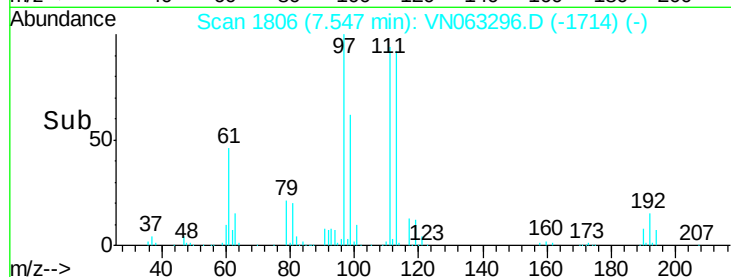
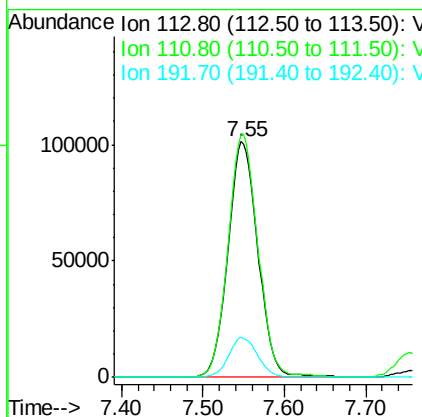
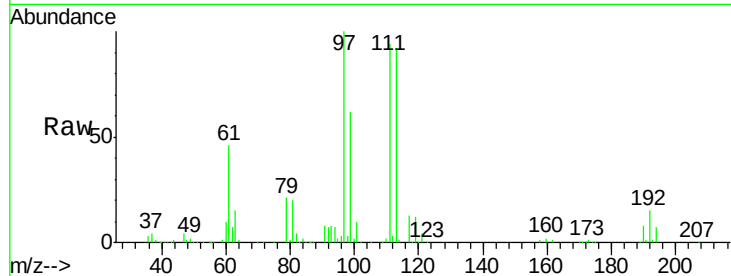
#35
 Dibromofluoromethane
 Concen: 49.323 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN091020

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	260069		
111	103.3	82.2	123.2	
192	16.5	12.9	19.3	

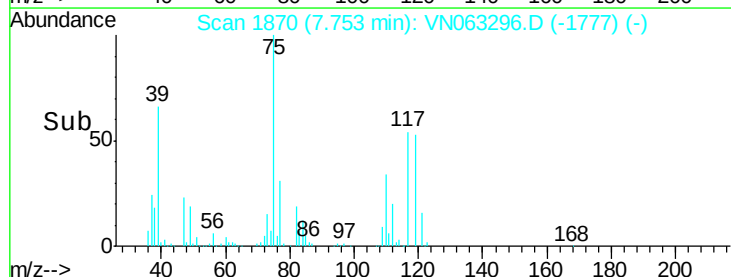
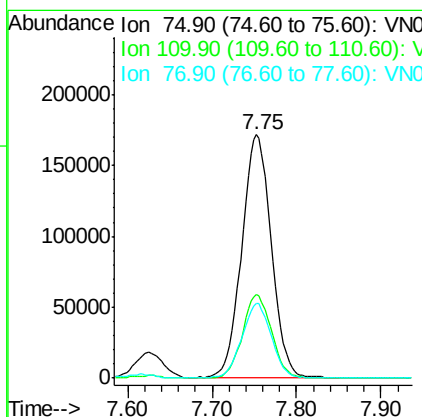
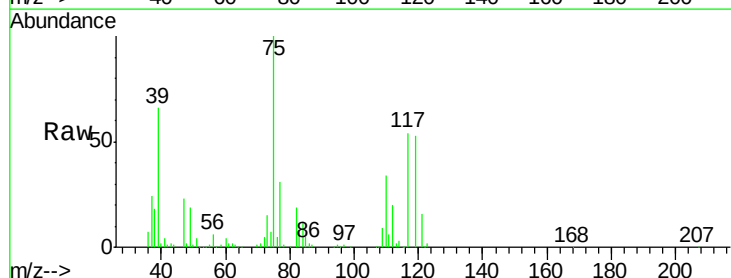
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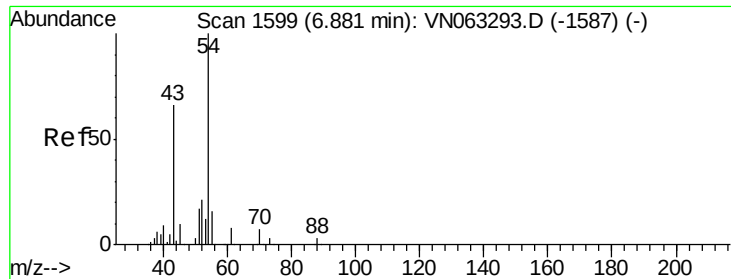
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#36
 1,1-Dichloropropene
 Concen: 49.765 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	418091		
110	33.8	16.4	49.4	
77	30.9	24.8	37.2	





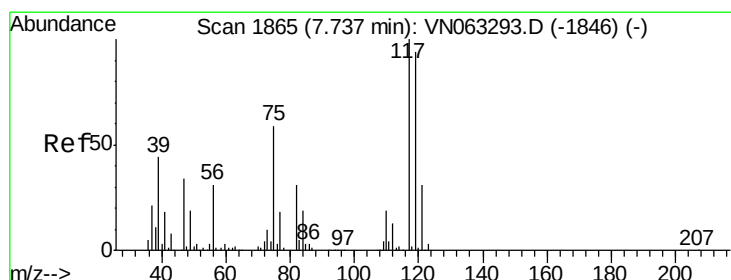
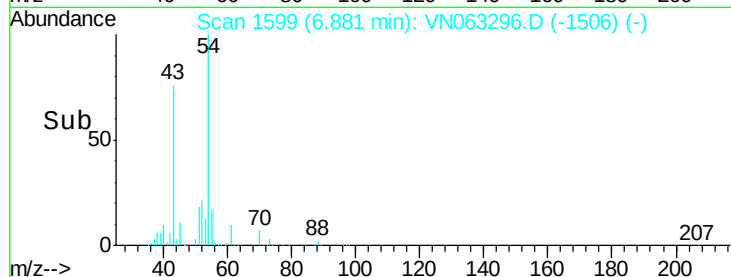
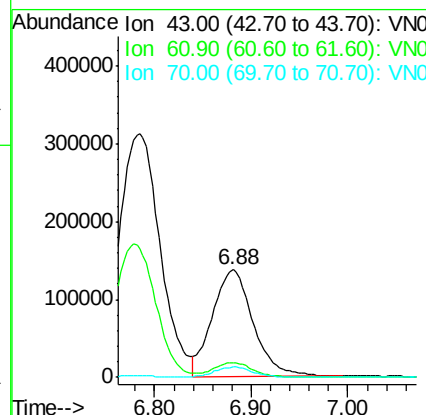
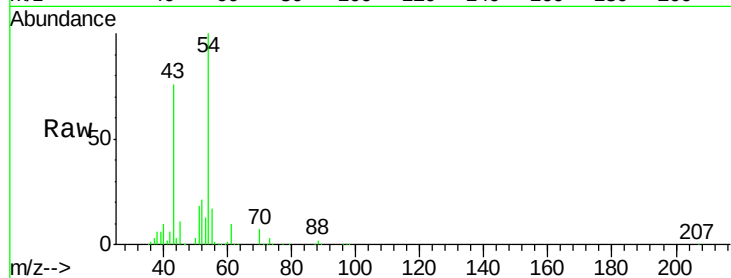
#37
Ethyl Acetate
Concen: 48.400 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampled :
ICVVN091020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.1	15.1
70	8.7	7.4	11.2

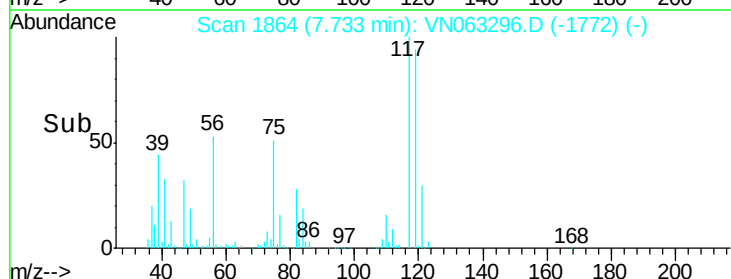
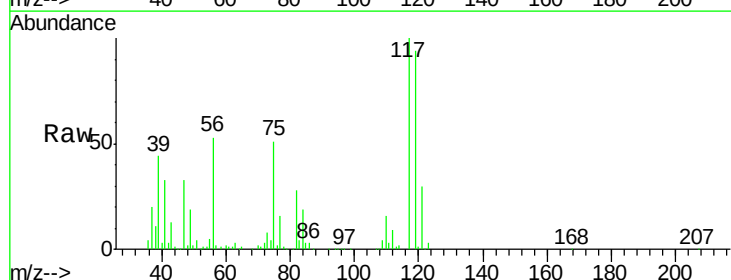
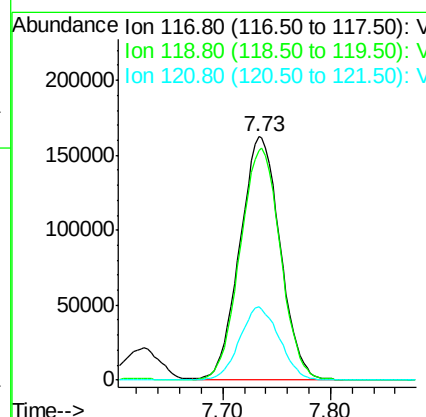
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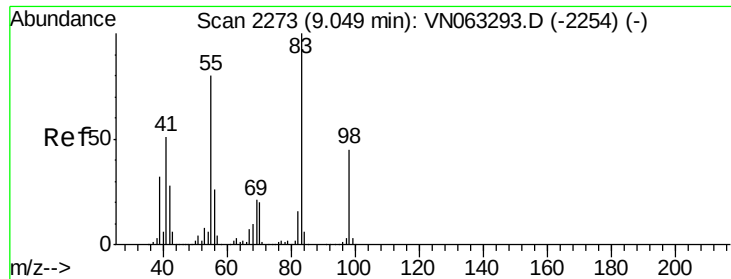
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#38
Carbon Tetrachloride
Concen: 50.546 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.3	112.9
121	30.3	24.6	37.0





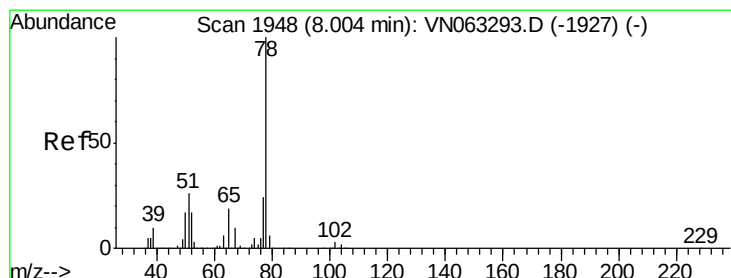
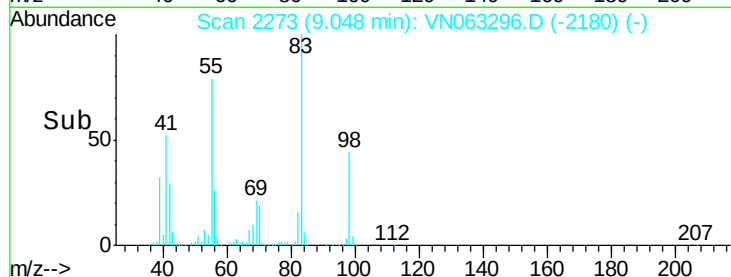
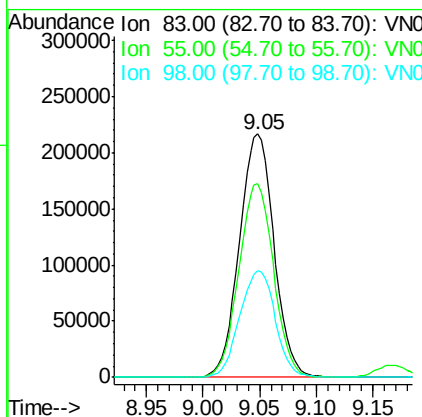
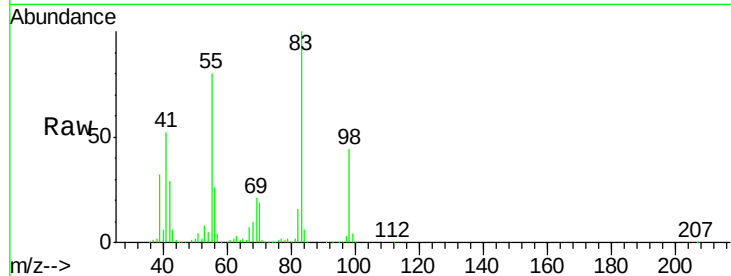
#39
Methylcyclohexane
Concen: 50.449 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampled :
ICVVN091020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.4	64.0	96.0
98	43.8	36.4	54.6

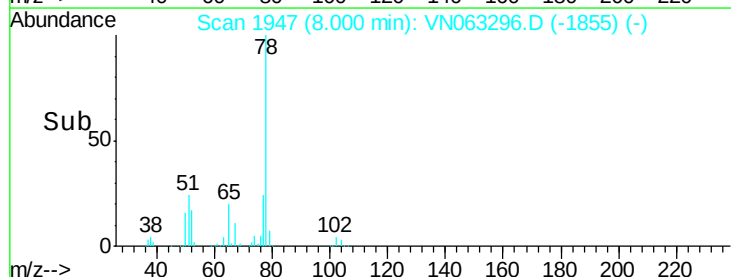
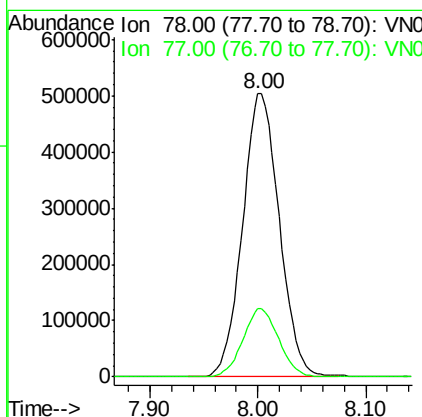
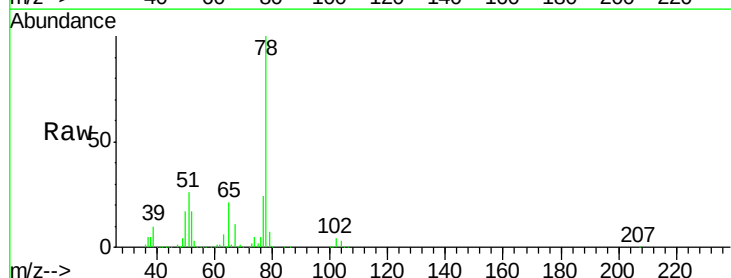
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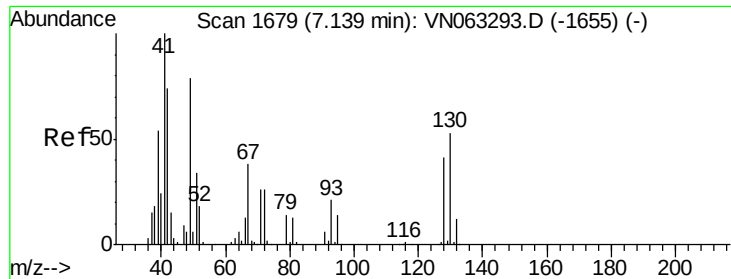
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#40
Benzene
Concen: 49.624 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





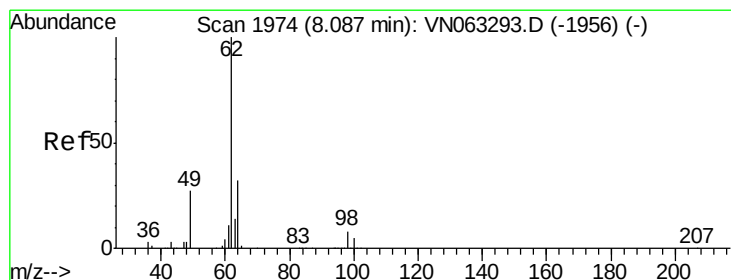
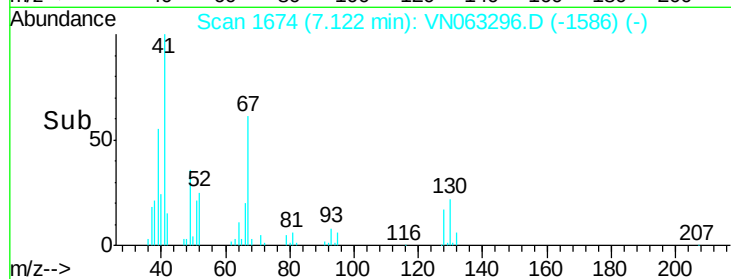
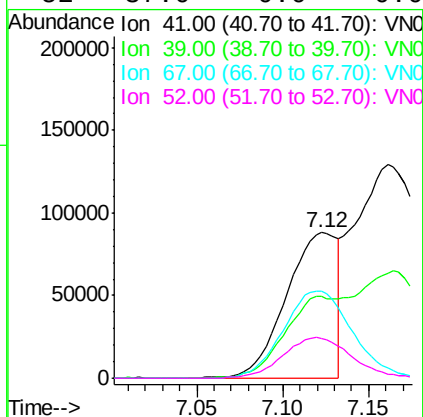
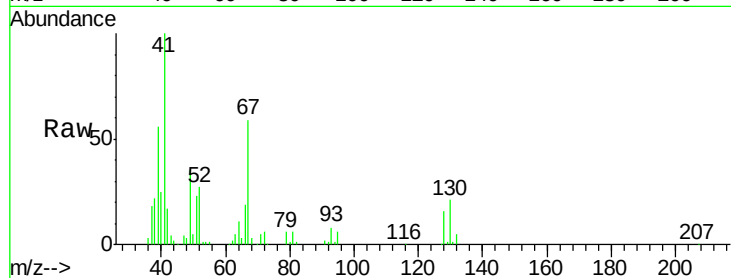
#41
Methacrylonitrile
Concen: 48.623 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

Tgt Ion	Ratio	Resp Lower	Resp Upper
41	100		
39	51.7	0.0	0.0#
67	82.1	0.0	0.0#
52	37.0	0.0	0.0#

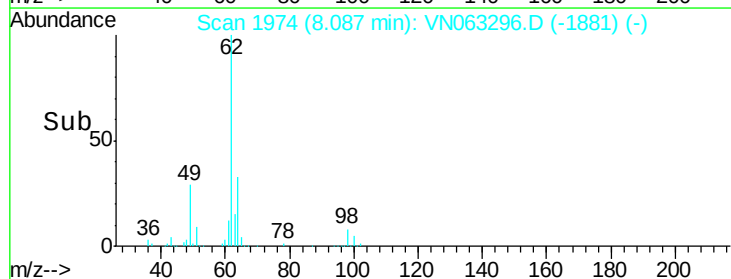
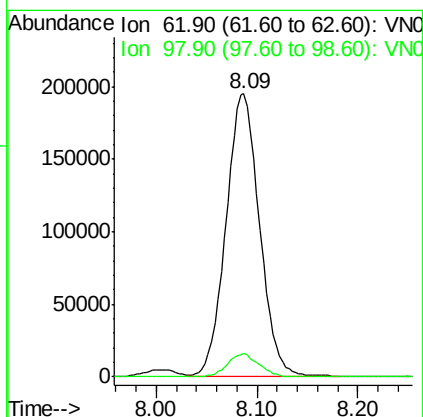
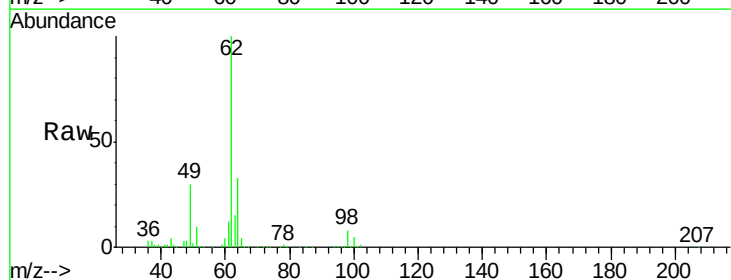
Manual Integrations
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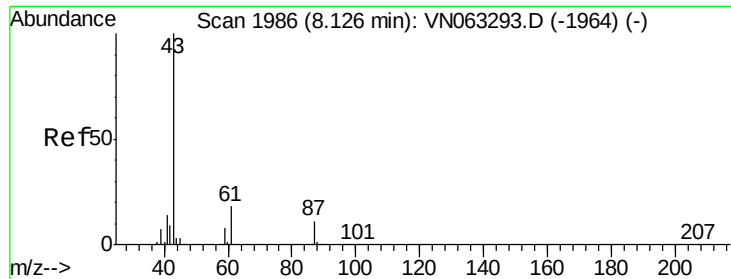
sam
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#42
1,2-Dichloroethane
Concen: 49.479 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
62	100		
98	7.7	0.0	15.4





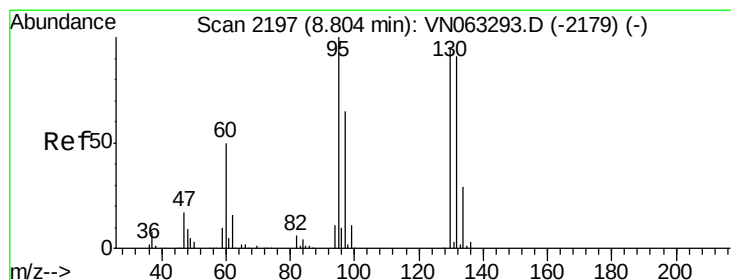
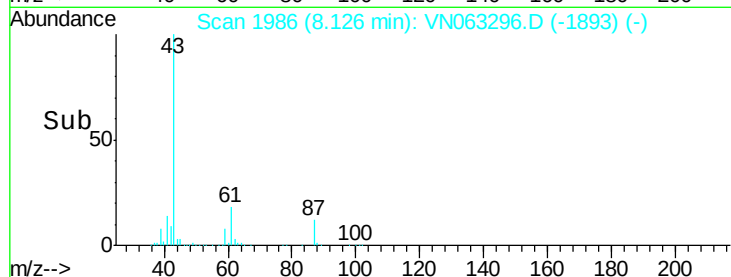
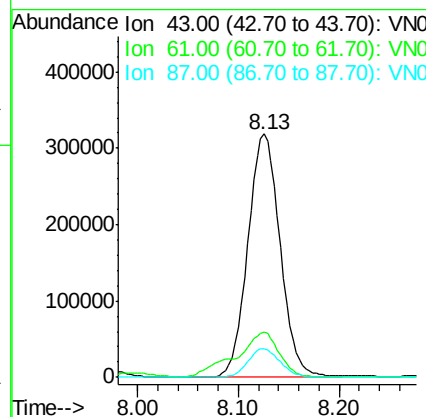
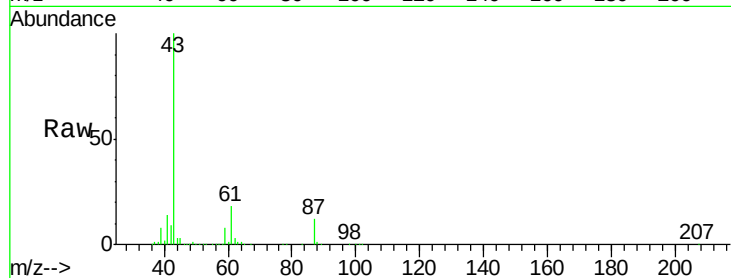
#43
Isopropyl Acetate
Concen: 50.176 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	24.9	15.1	22.7#
87	11.8	9.2	13.8

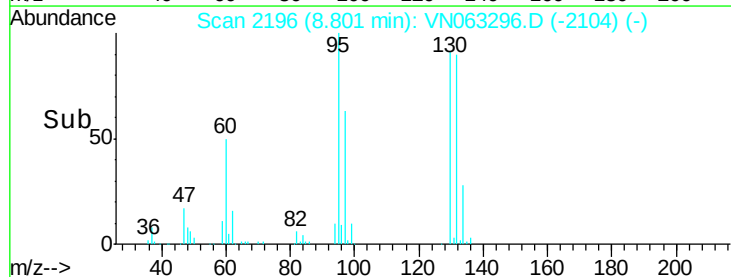
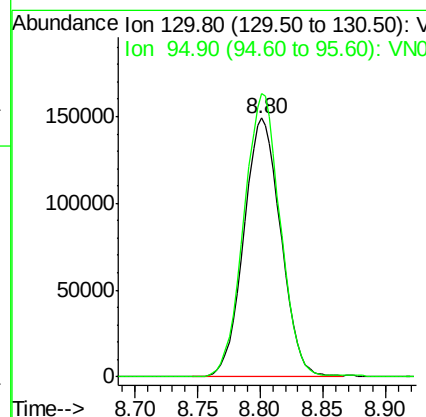
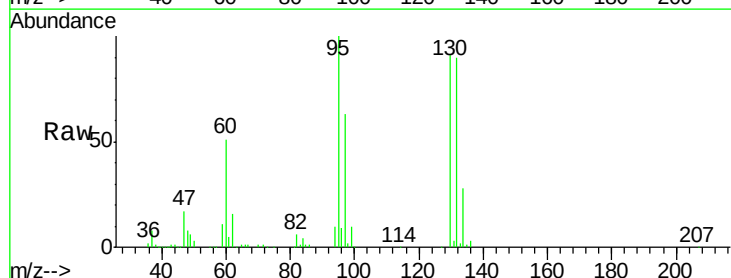
Manual Integrations
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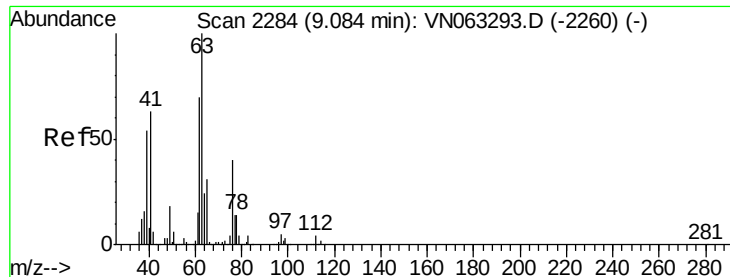
Sam
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#44
Trichloroethene
Concen: 48.719 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.5	0.0	210.8





#45

1,2-Dichloropropane

Concen: 49.206 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

Tgt Ion: 63 Resp: 323865

Ion Ratio Lower Upper

63 100

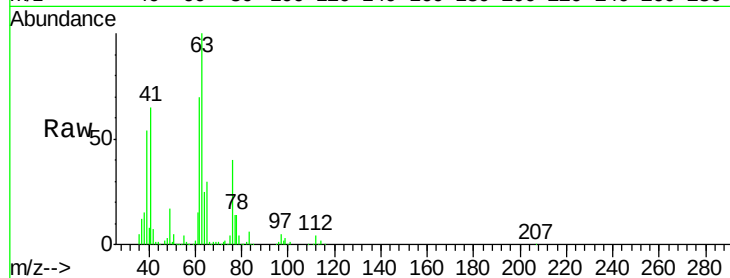
65 30.3 24.6 36.8

Manual Integrations

APPROVED

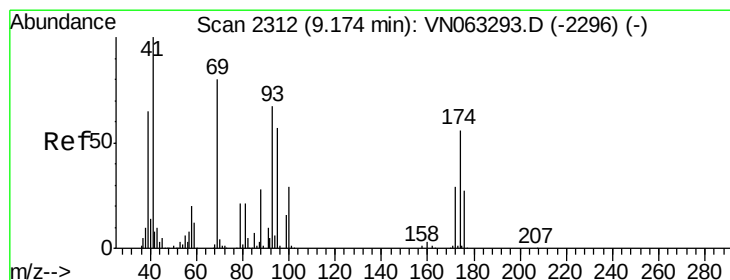
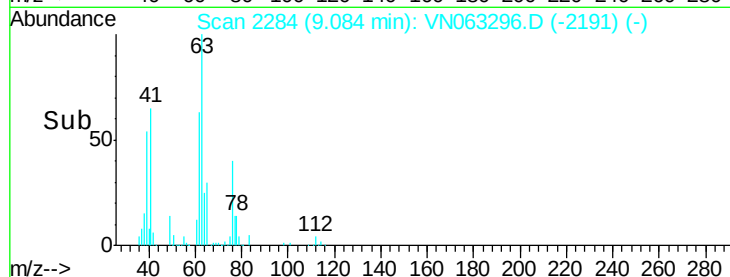
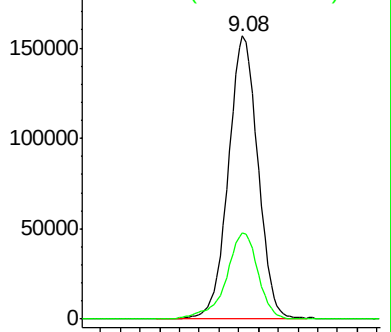
sam

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.956 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

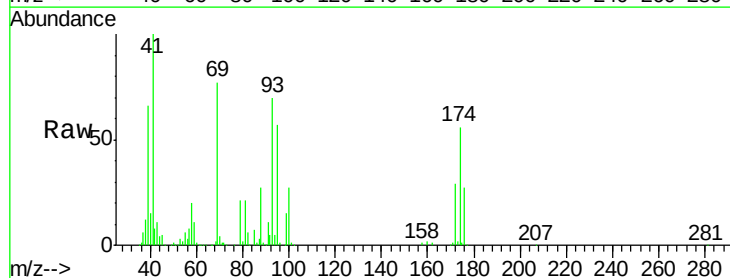
Tgt Ion: 93 Resp: 213217

Ion Ratio Lower Upper

93 100

95 82.3 67.9 101.9

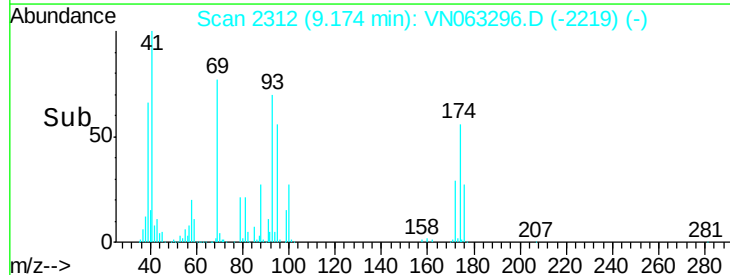
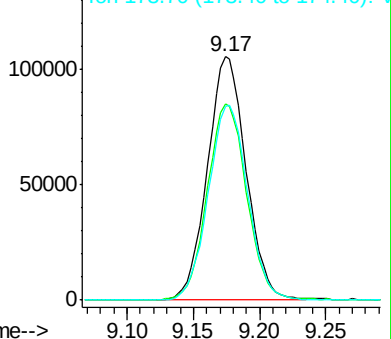
174 81.5 66.9 100.3

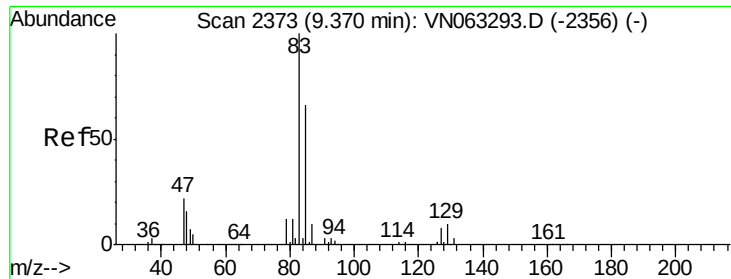


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





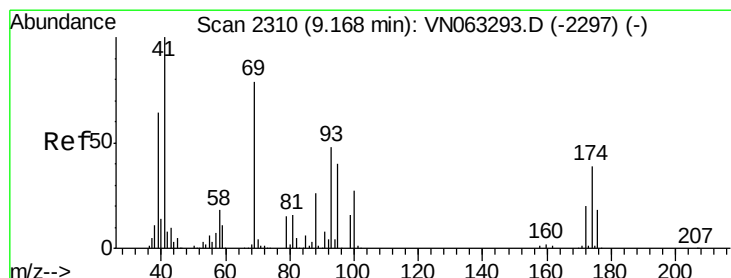
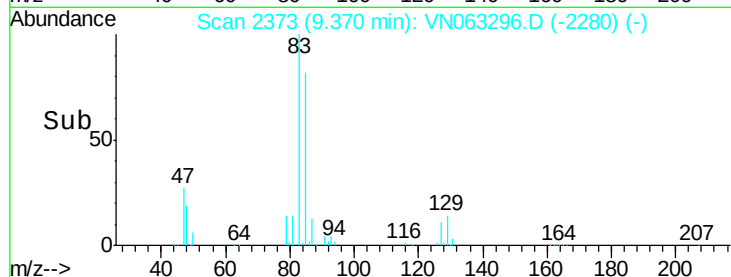
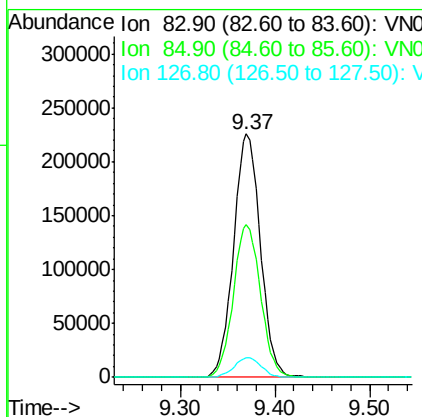
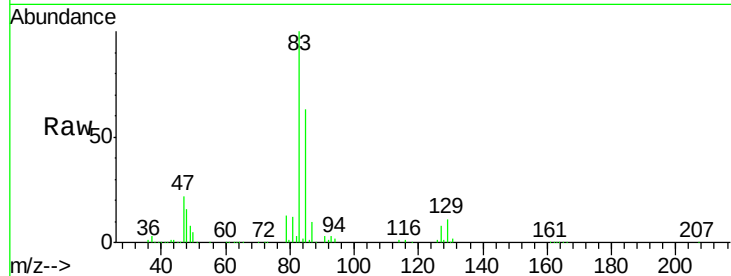
#47
Bromodichloromethane
Concen: 49.966 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.5	78.7
127	8.1	6.6	10.0

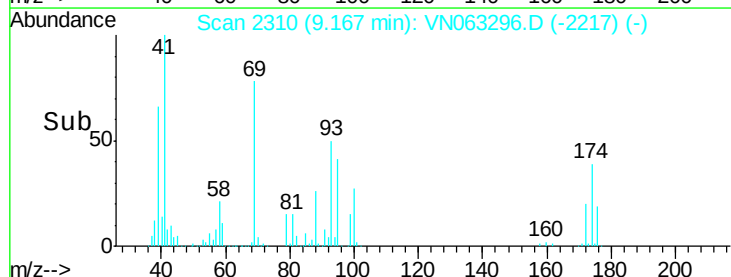
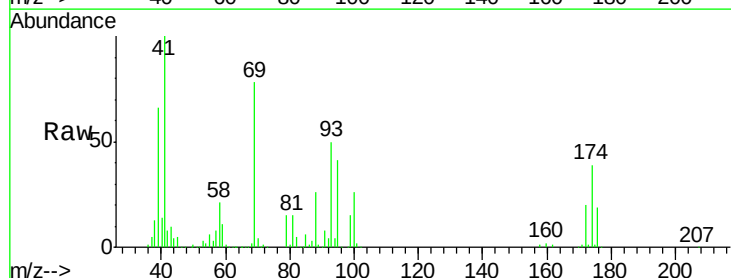
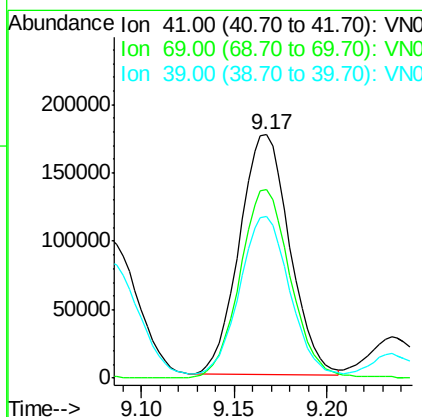
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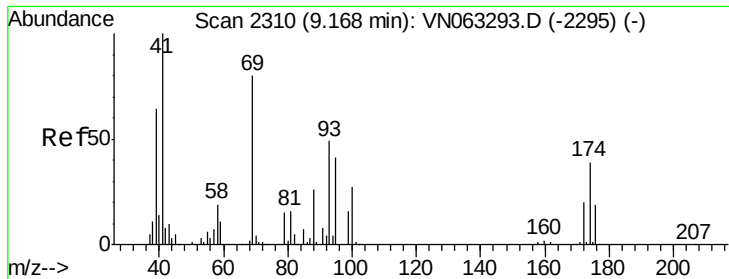
sam
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#48
Methyl methacrylate
Concen: 49.636 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.9	63.6	95.4
39	67.7	53.2	79.8





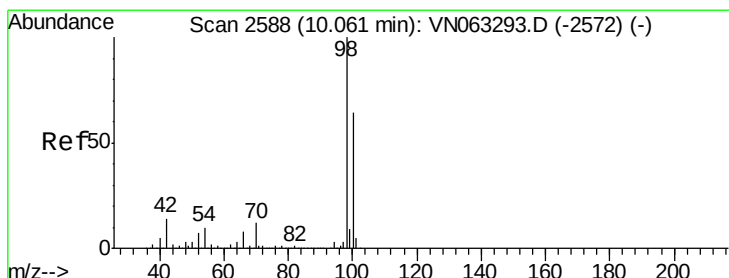
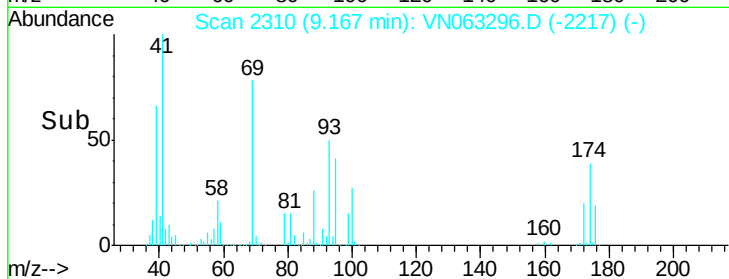
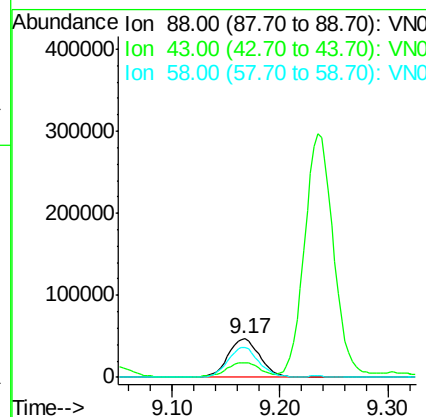
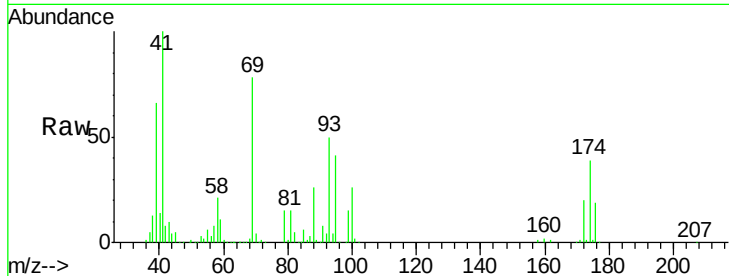
#49
1,4-Dioxane
Concen: 945.709 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICV091020

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.1	30.5	45.7
58	75.7	58.9	88.3

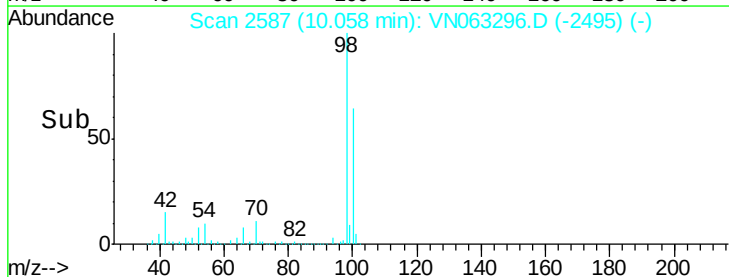
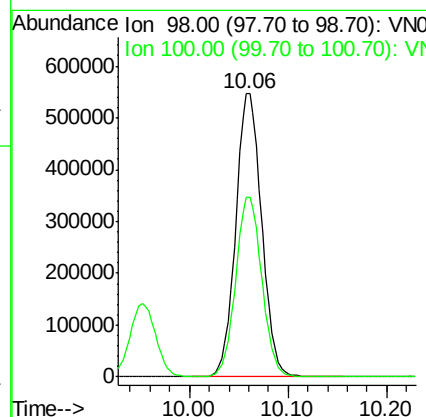
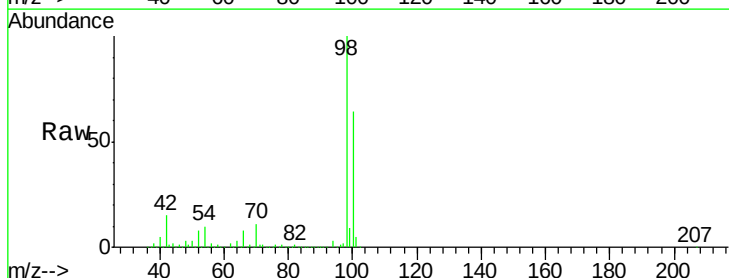
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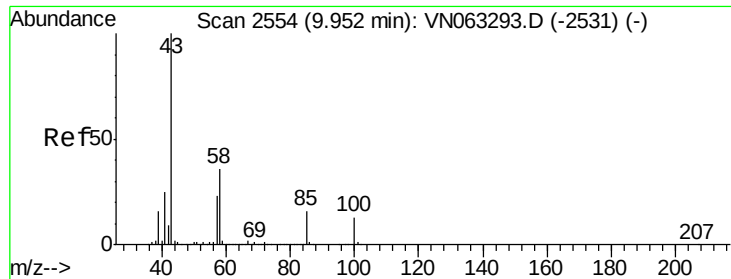
sam
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#50
Toluene-d8
Concen: 49.552 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 257.907 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

Tgt Ion: 43 Resp: 1989435

Ion Ratio Lower Upper

43 100

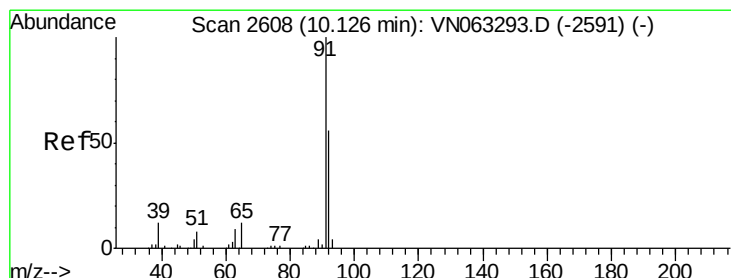
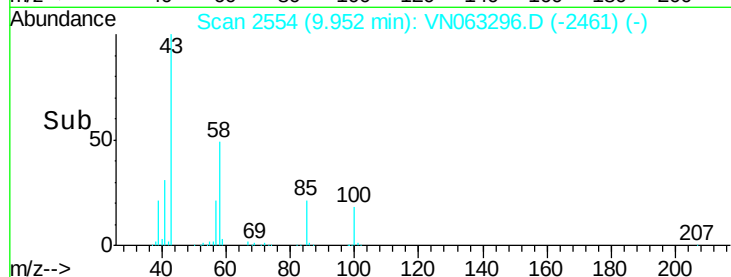
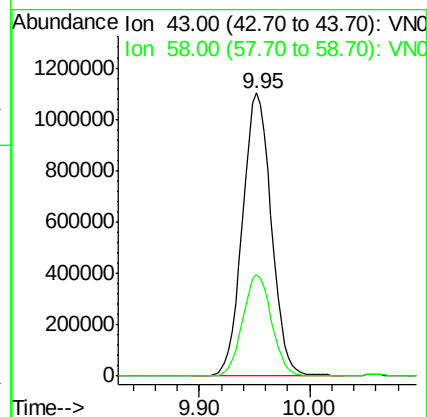
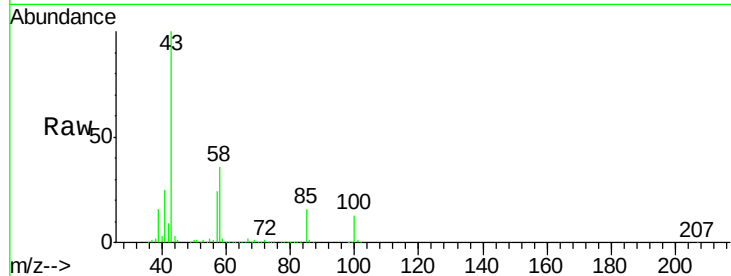
58 36.0 29.0 43.4

Manual Integrations

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#52

Toluene

Concen: 50.555 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063296.D

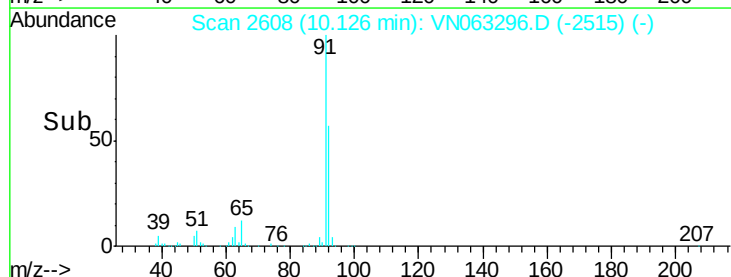
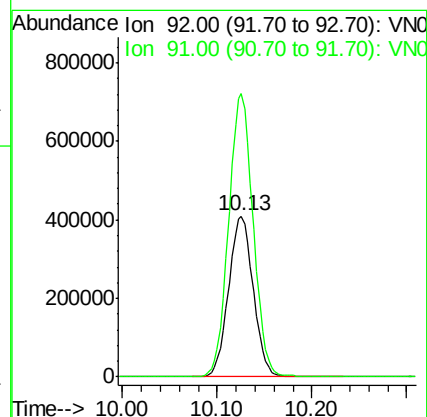
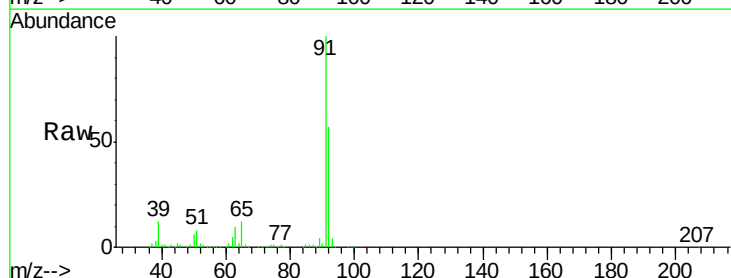
Acq: 10 Sep 2020 15:36

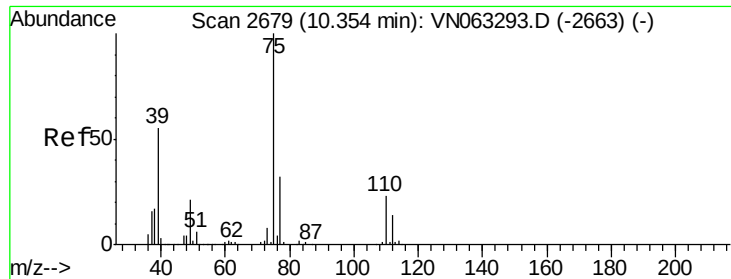
Tgt Ion: 92 Resp: 740650

Ion Ratio Lower Upper

92 100

91 175.0 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 51.304 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampled :

ICVVN091020

Tgt Ion: 75 Resp: 497609

Ion Ratio Lower Upper

75 100

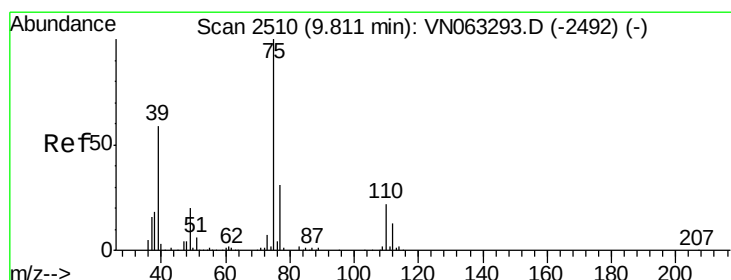
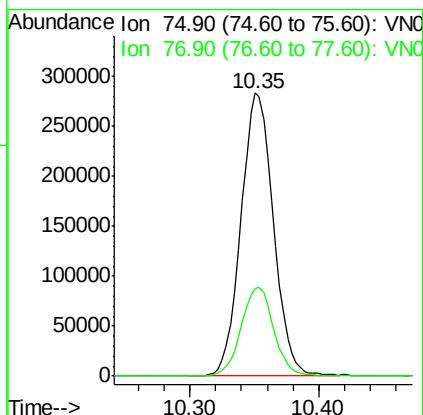
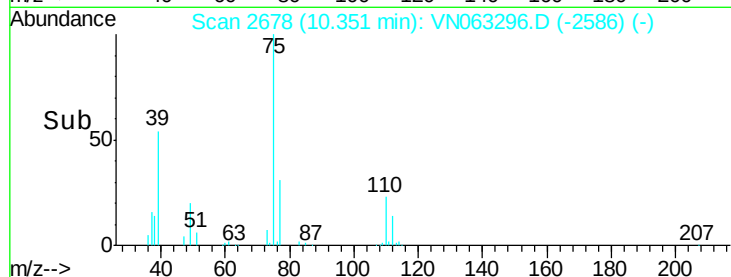
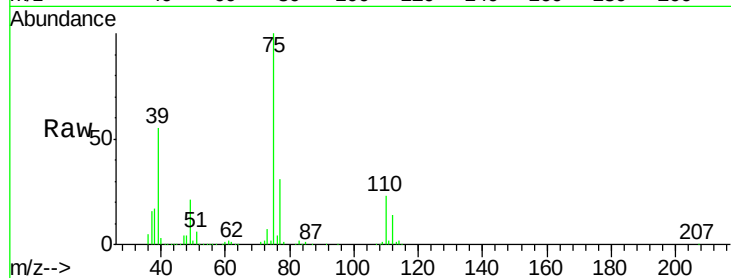
77 31.0 25.7 38.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.599 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

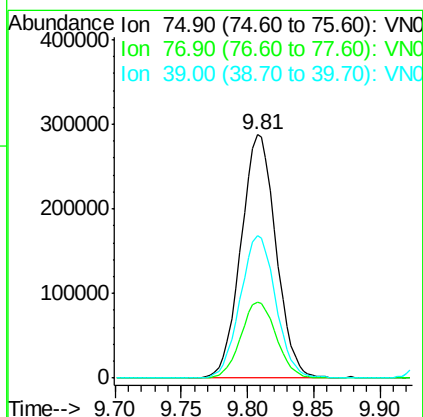
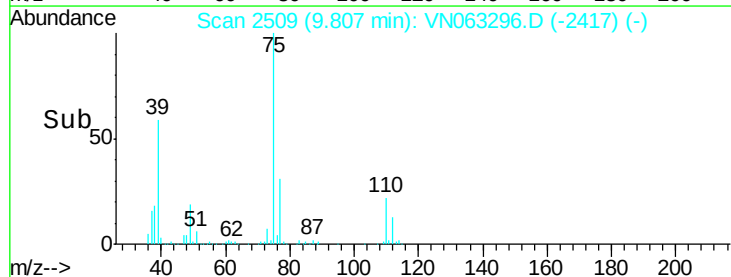
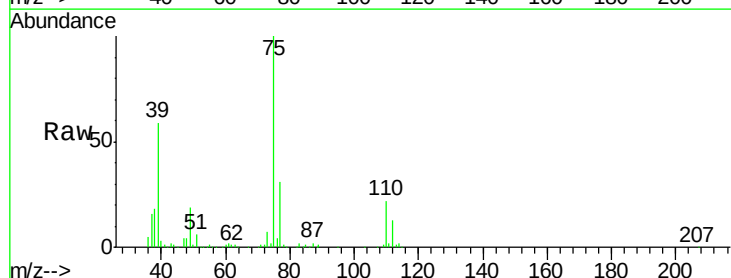
Tgt Ion: 75 Resp: 528415

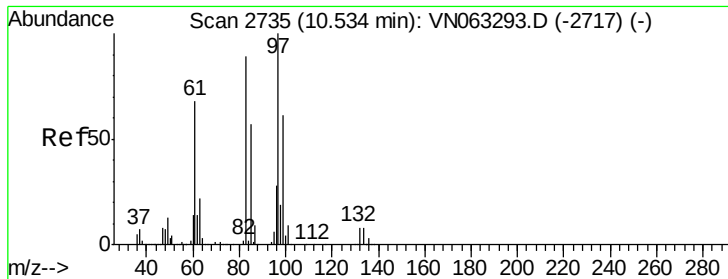
Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1

39 58.5 47.2 70.8





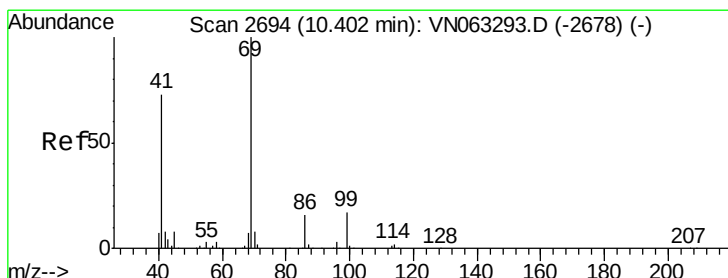
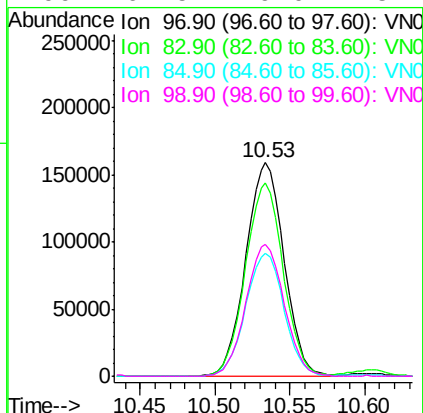
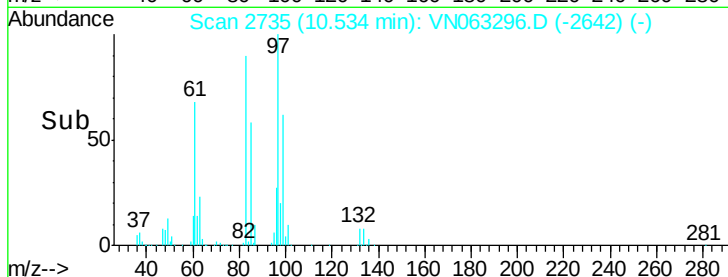
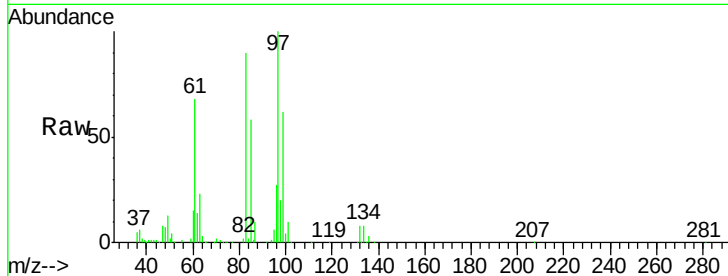
#55
 1,1,2-Trichloroethane
 Concen: 49.319 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		283130		
83	90.2	70.8	106.2		
85	57.8	45.6	68.4		
99	61.5	49.0	73.4		

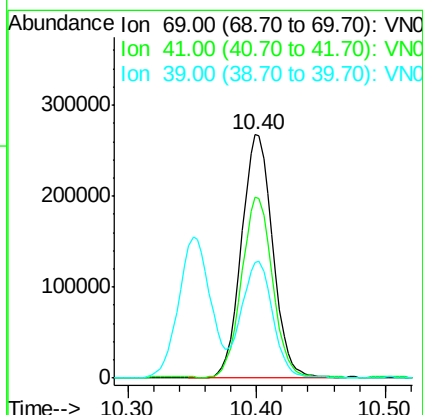
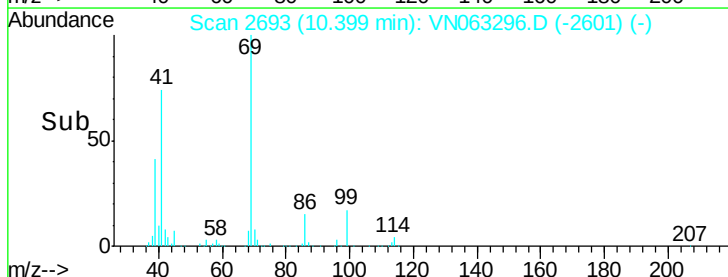
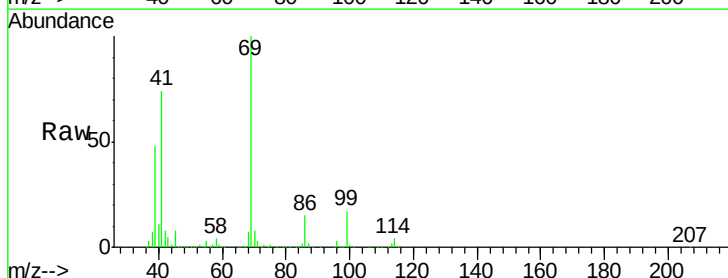
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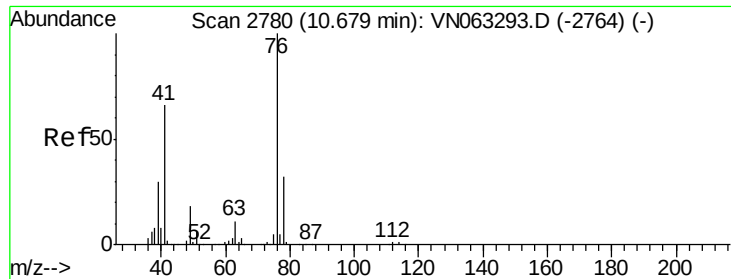
sam
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#56
 Ethyl methacrylate
 Concen: 51.782 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		452054		
41	73.1	58.4	87.6		
39	48.0	38.6	58.0		





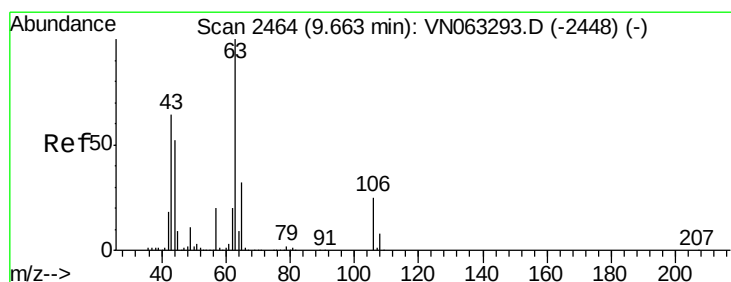
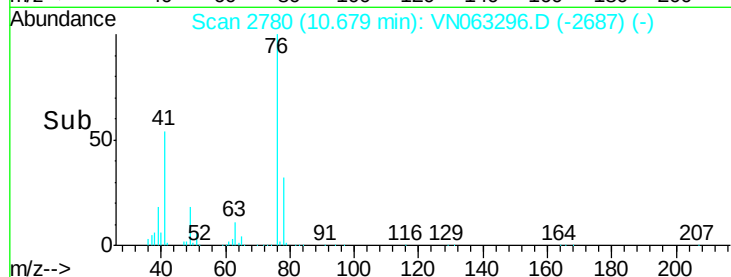
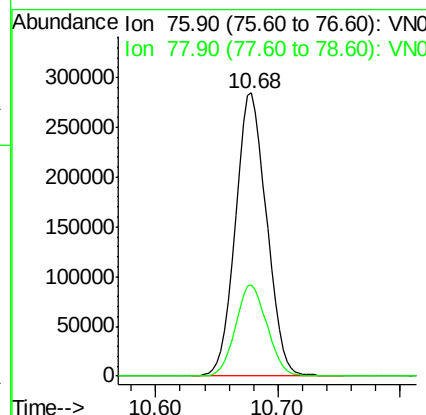
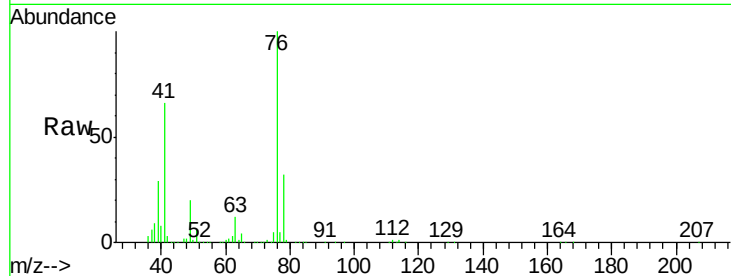
#57
 1,3-Dichloropropane
 Concen: 50.294 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

Tgt Ion: 76 Resp: 504523
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5

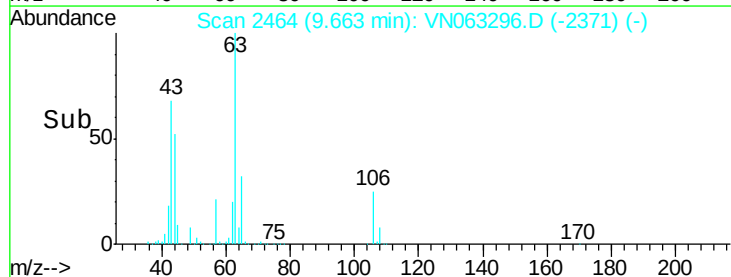
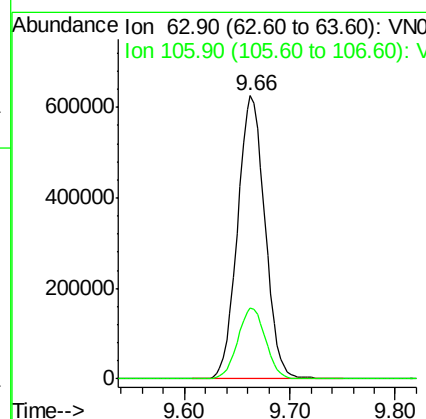
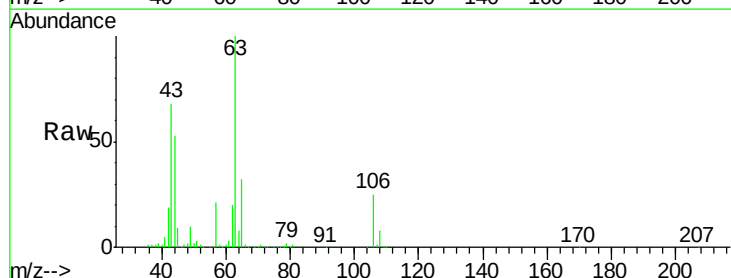
Manual Integrations
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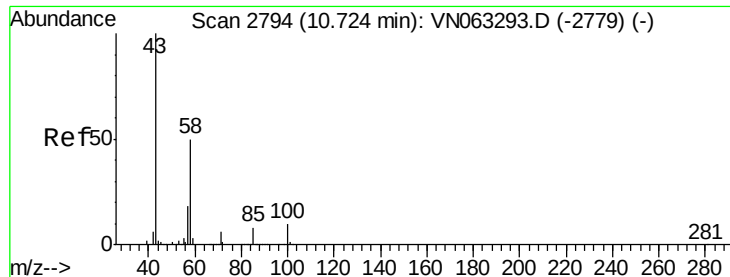
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.056 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion: 63 Resp: 1124108
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.2 30.4





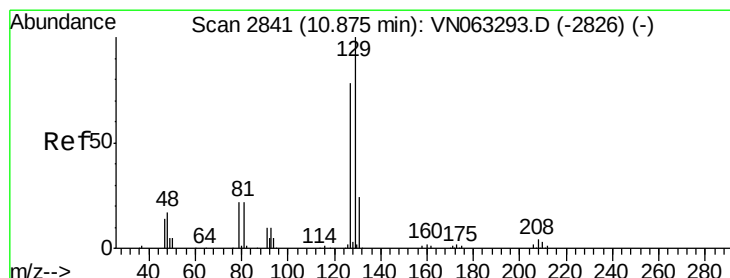
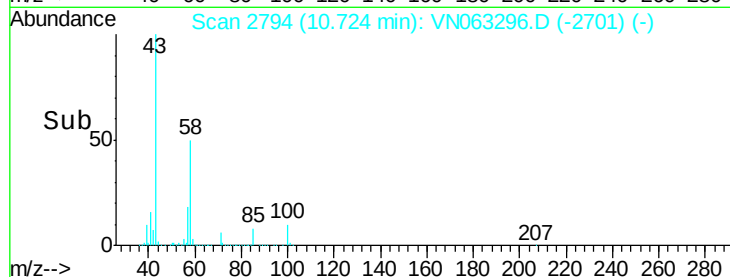
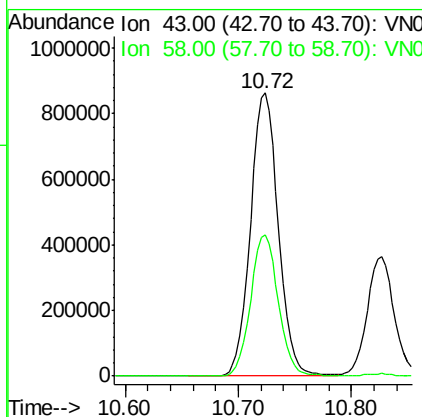
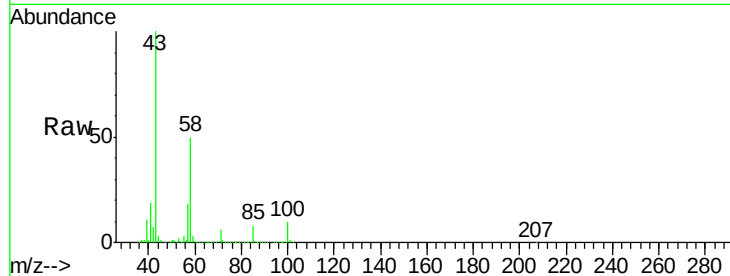
#59
2-Hexanone
Concen: 258.530 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

Tgt Ion: 43 Resp: 1470768
Ion Ratio Lower Upper
43 100
58 50.0 25.1 75.3

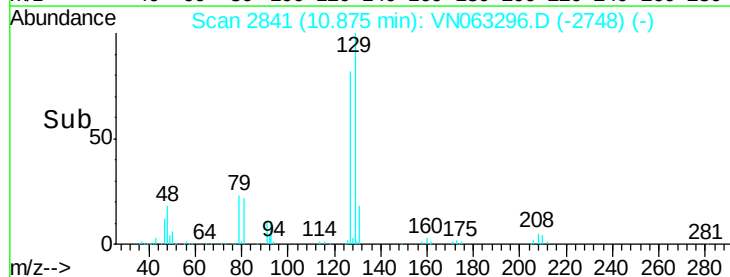
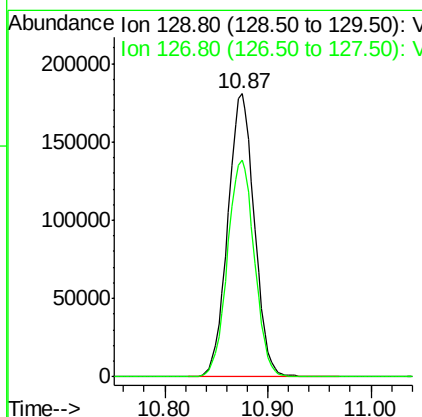
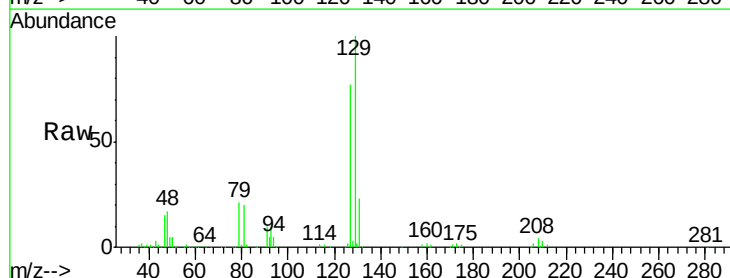
Manual Integrations
APPROVED

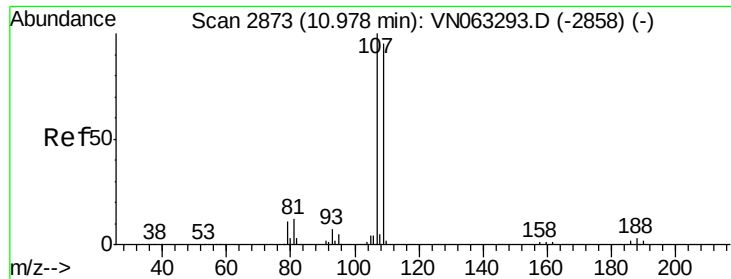
sam
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#60
Dibromochloromethane
Concen: 51.557 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion: 129 Resp: 325017
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0





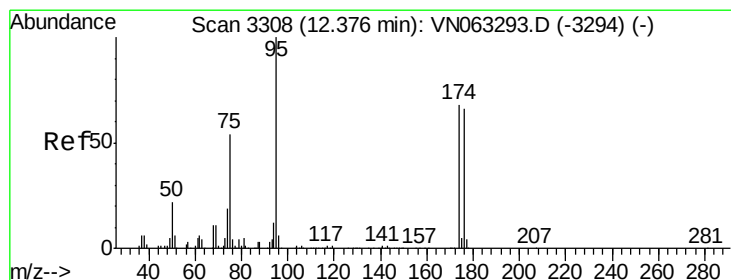
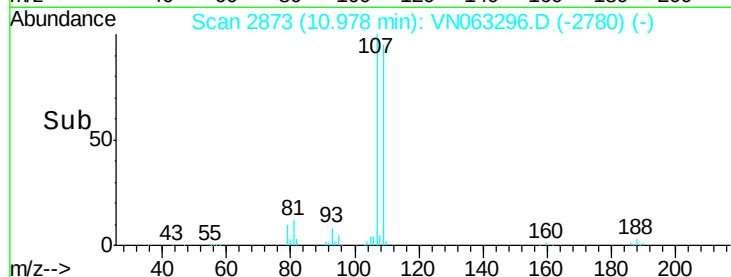
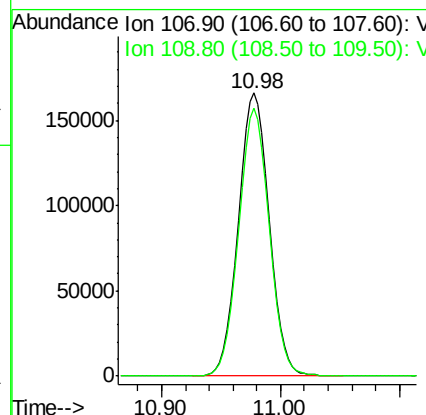
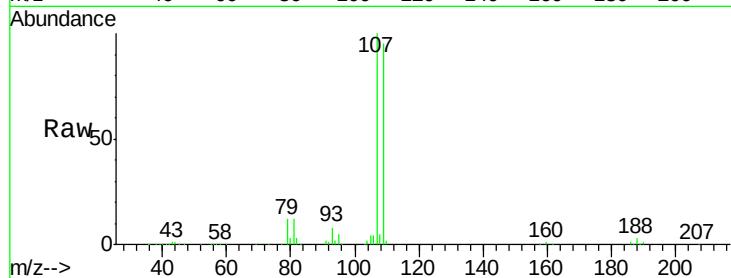
#61
 1,2-Dibromoethane
 Concen: 49.945 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	298910		
109	93.5	75.5	113.3	

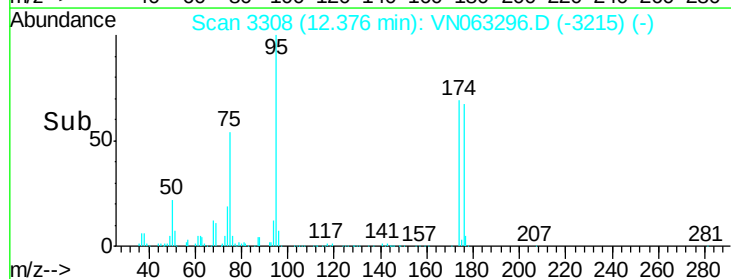
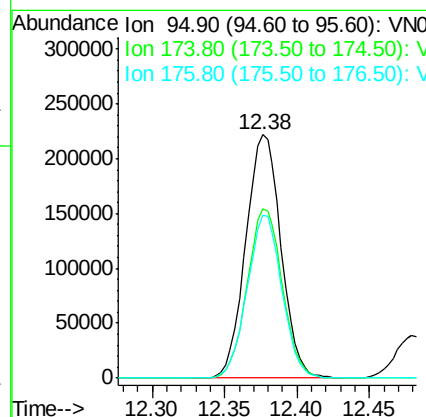
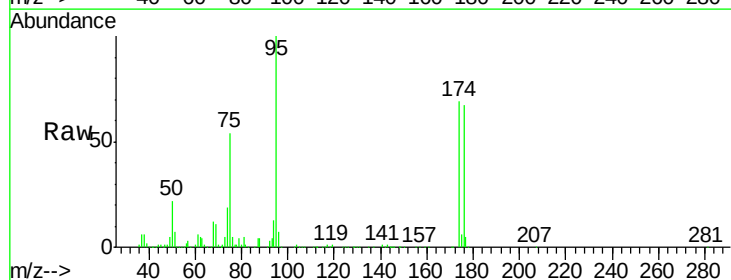
Manual Integrations
 APPROVED

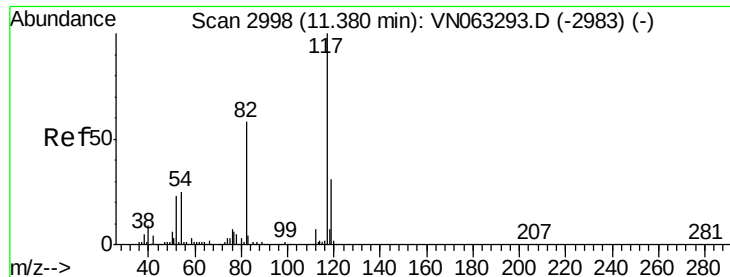
sam
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#62
 4-Bromofluorobenzene
 Concen: 50.303 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	375431		
174	69.4	0.0	136.6	
176	66.4	0.0	132.8	





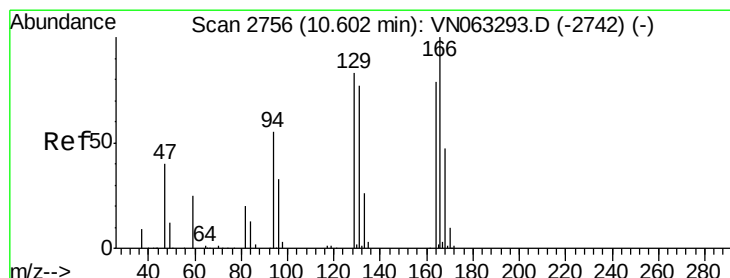
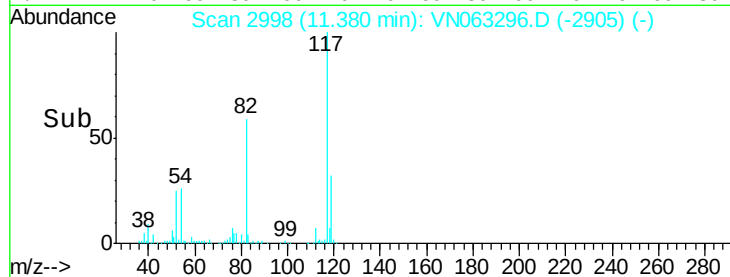
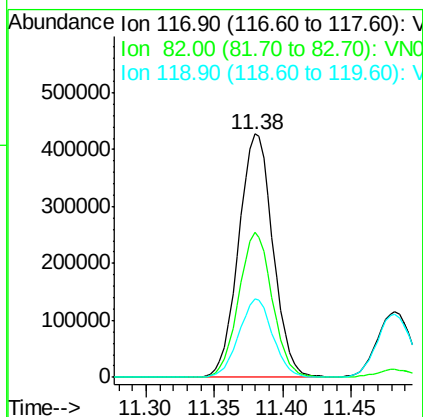
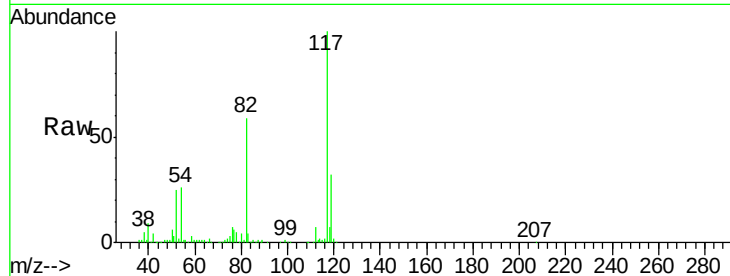
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampled :
ICVVN091020

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	746509		
82	59.4	46.4	69.6	
119	32.0	24.8	37.2	

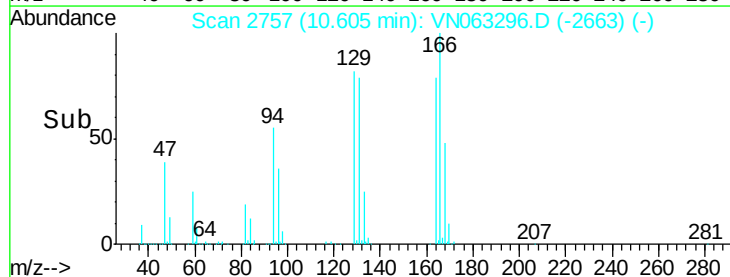
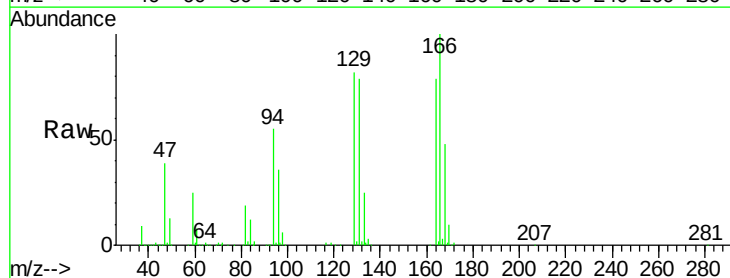
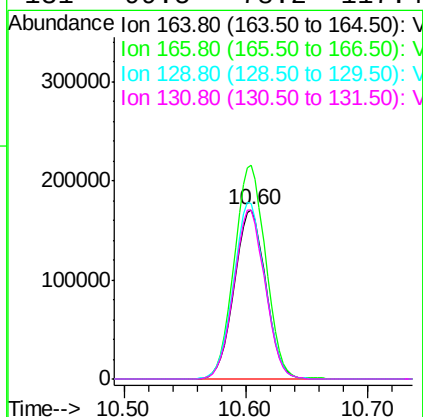
Manual Integrations
APPROVED

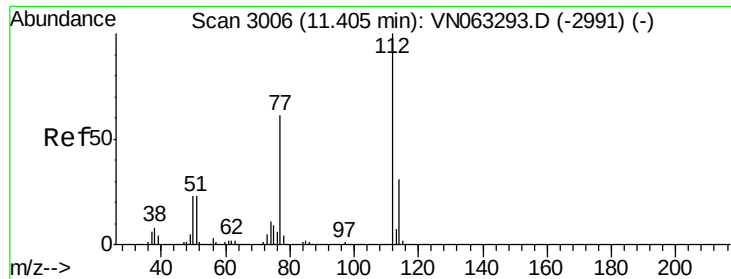
sam
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#64
Tetrachloroethene
Concen: 49.797 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	304526		
166	126.2	101.3	151.9	
129	103.8	83.7	125.5	
131	99.5	78.2	117.4	





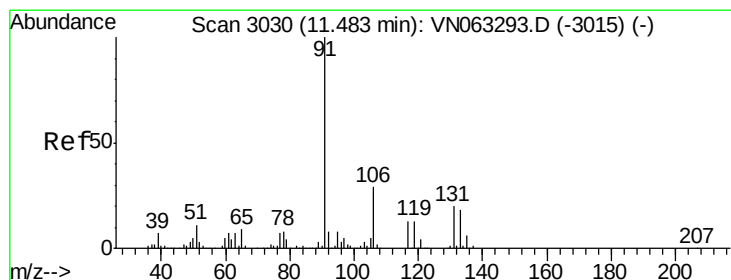
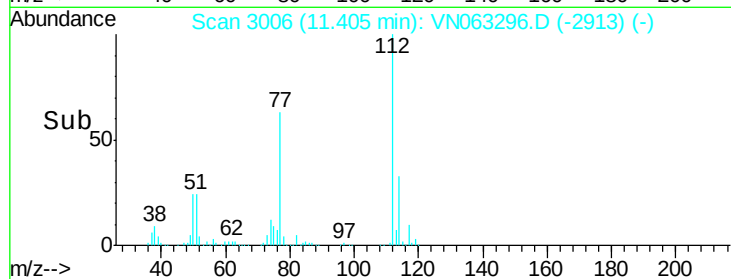
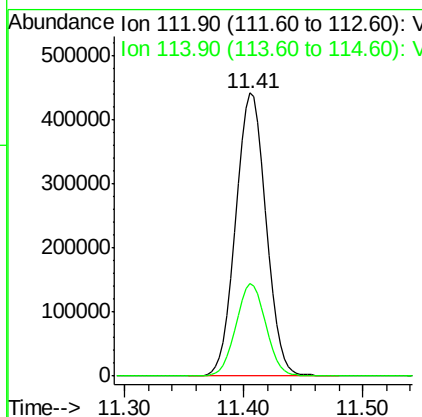
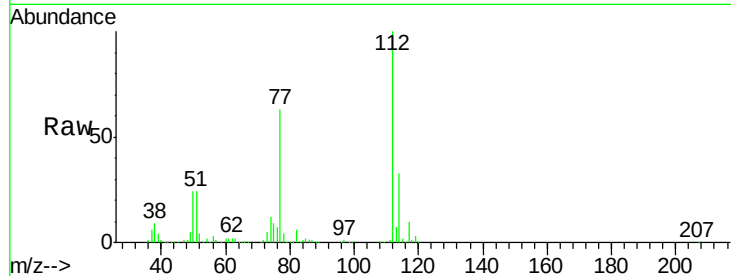
#65
Chlorobenzene
Concen: 48.603 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	24.6	36.8

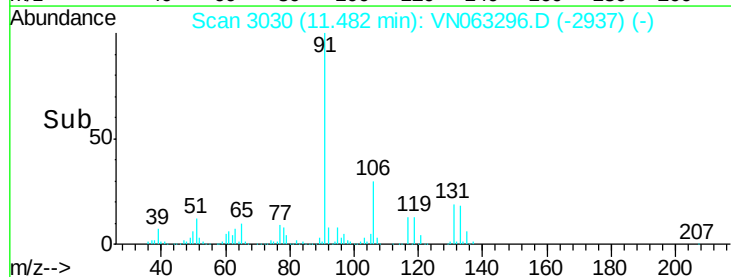
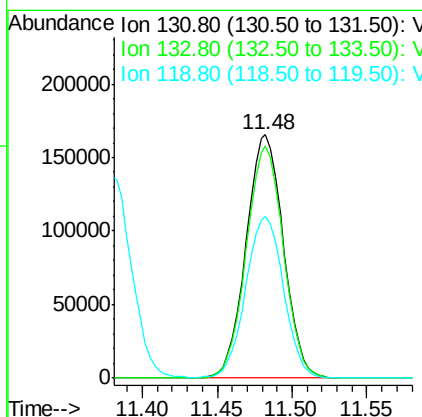
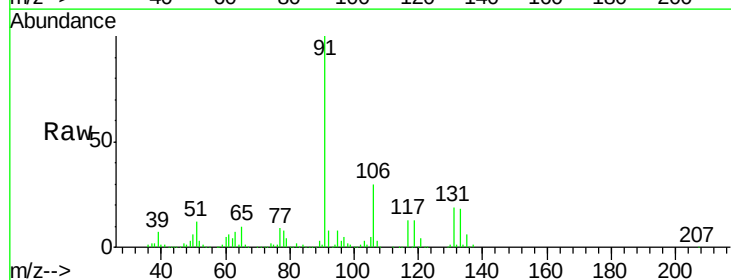
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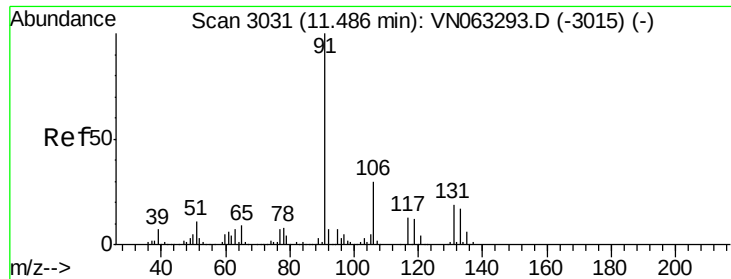
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.959 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.4	142.2
119	67.8	33.8	101.3





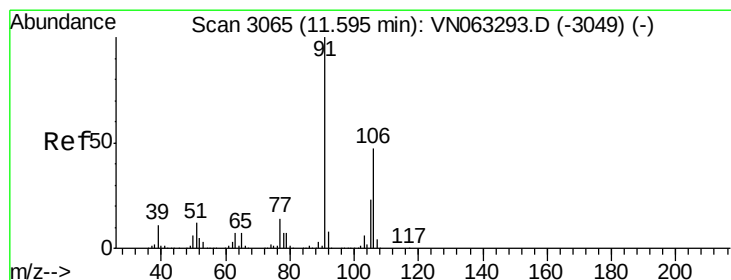
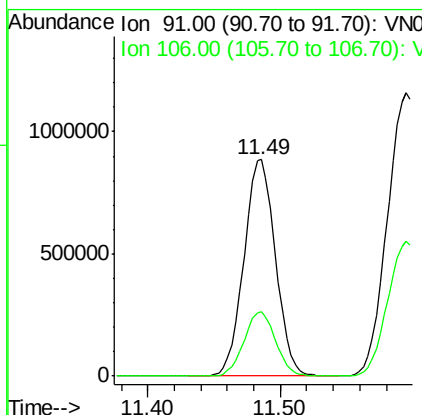
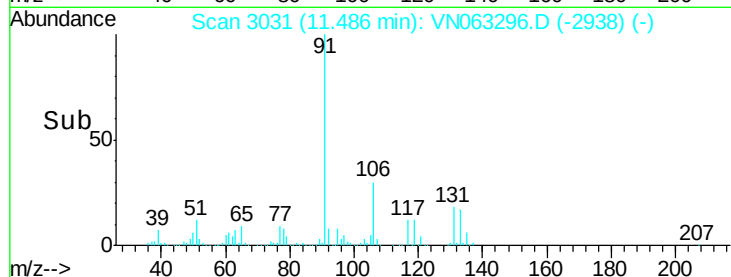
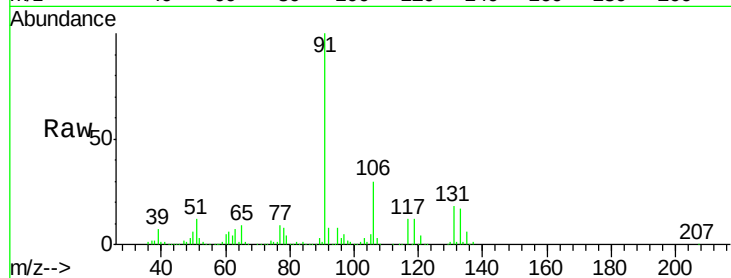
#67
Ethyl Benzene
Concen: 50.753 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampled :
ICVVN091020

Tgt Ion: 91 Resp: 1464311
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

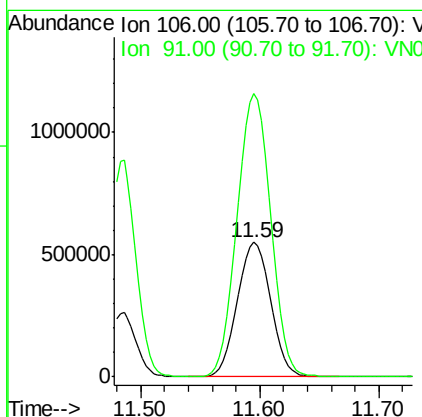
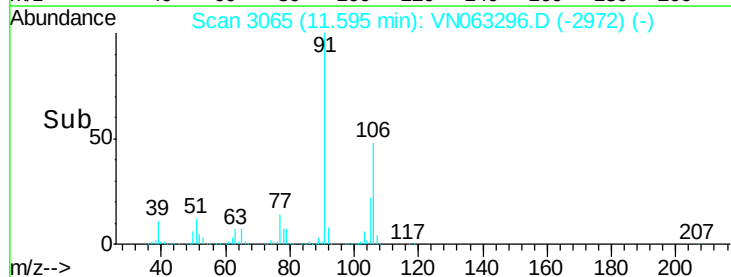
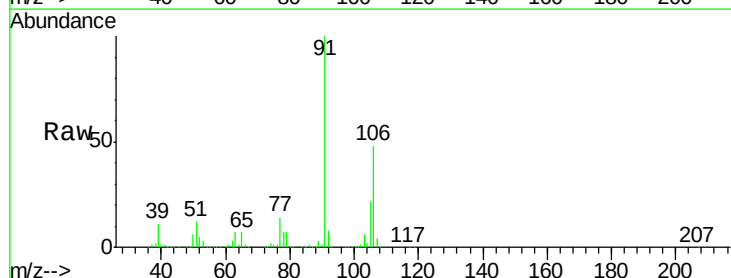
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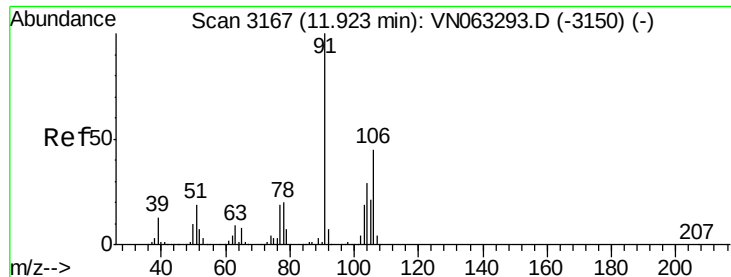
sam
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#68
m/p-Xylenes
Concen: 100.346 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion: 106 Resp: 1070922
Ion Ratio Lower Upper
106 100
91 212.5 169.8 254.8





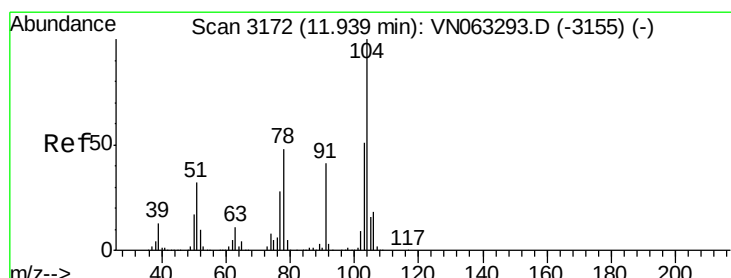
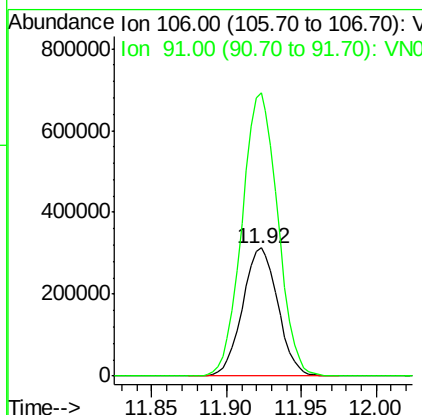
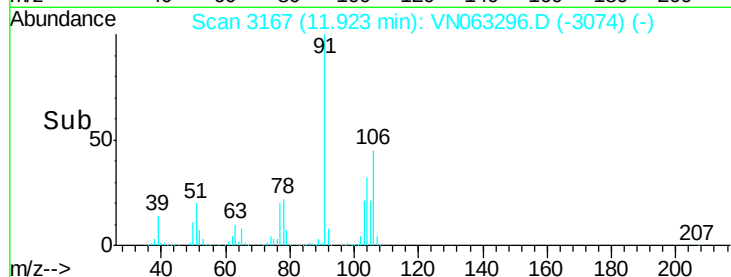
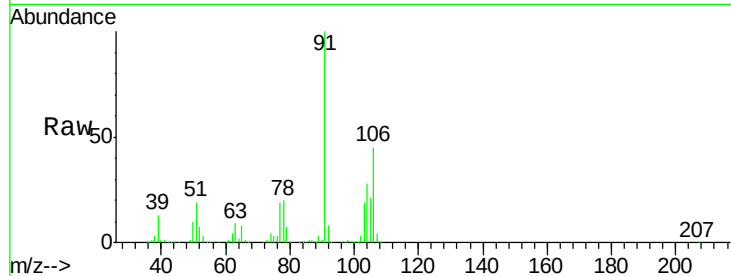
#69
o-Xylene
Concen: 50.193 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampled :
ICVVN091020

Tgt Ion:106 Resp: 514072
Ion Ratio Lower Upper
106 100
91 224.4 111.5 334.4

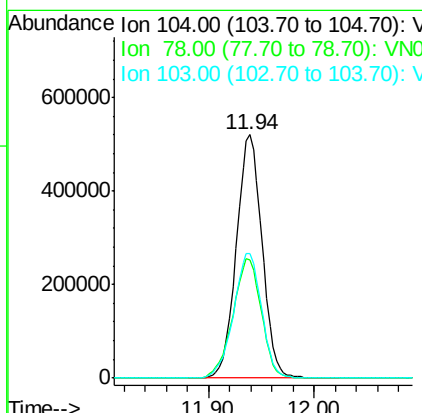
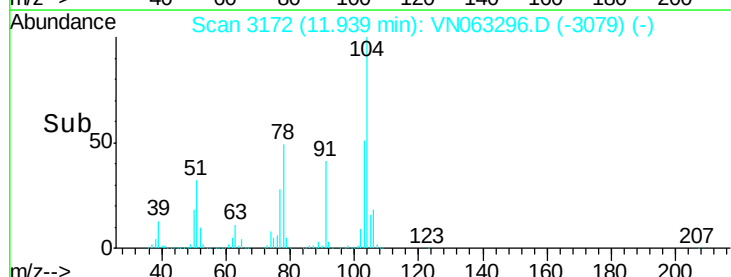
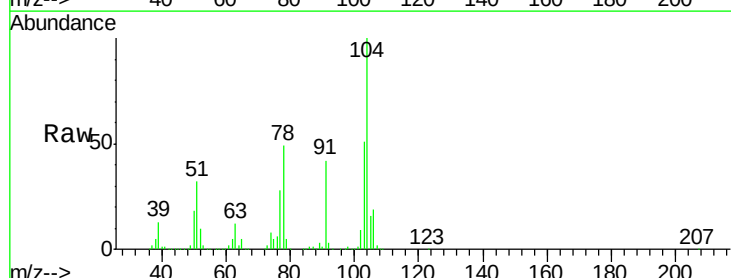
Manual Integrations
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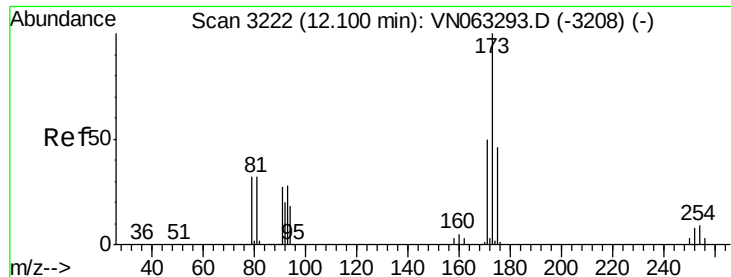
sam
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#70
Styrene
Concen: 51.689 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion:104 Resp: 879860
Ion Ratio Lower Upper
104 100
78 54.2 42.9 64.3
103 55.9 44.2 66.2





#71

Bromoform

Concen: 50.691 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampled :

ICVVN091020

Tgt Ion:173 Resp: 205295

Ion Ratio Lower Upper

173 100

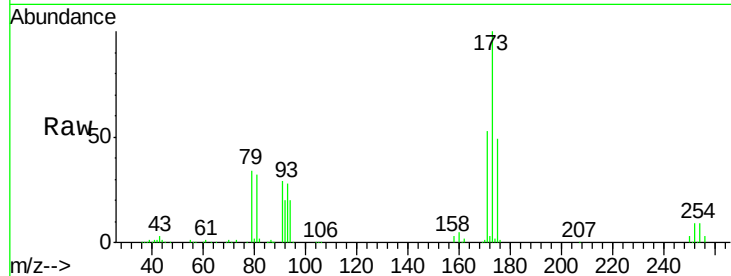
175 47.8 23.8 71.5

254 0.0 0.0 0.0#

Manual Integrations
APPROVED

sam

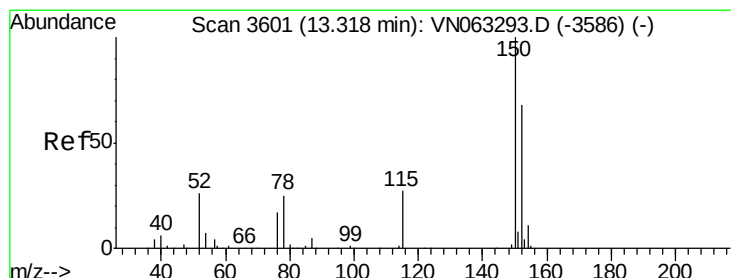
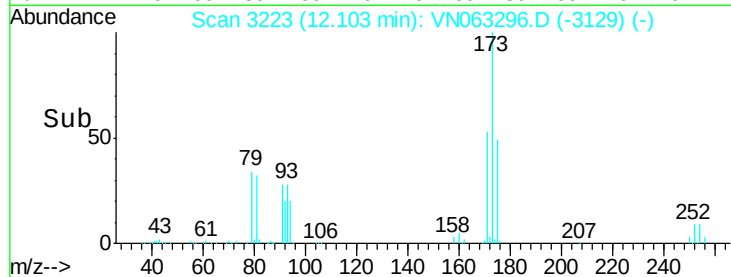
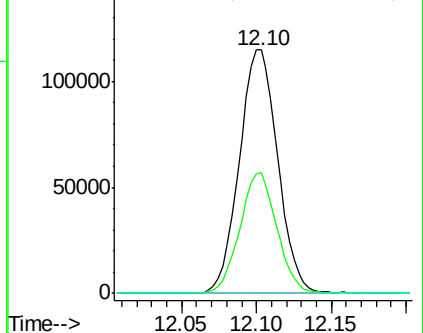
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN063296.D

Acq: 10 Sep 2020 15:36

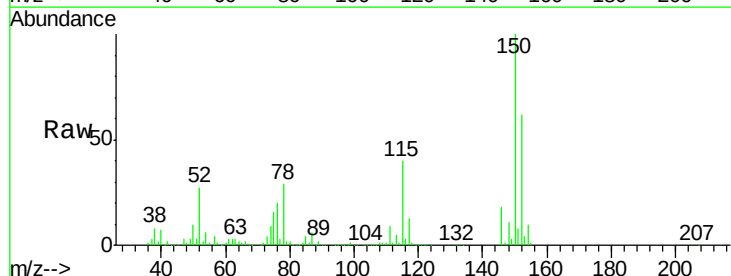
Tgt Ion:152 Resp: 358758

Ion Ratio Lower Upper

152 100

115 64.2 31.5 94.5

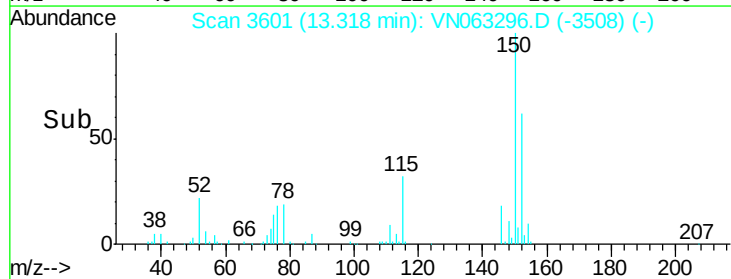
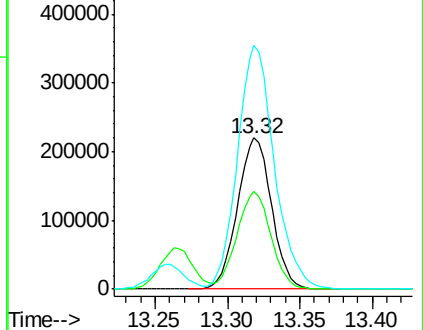
150 174.3 0.0 344.0

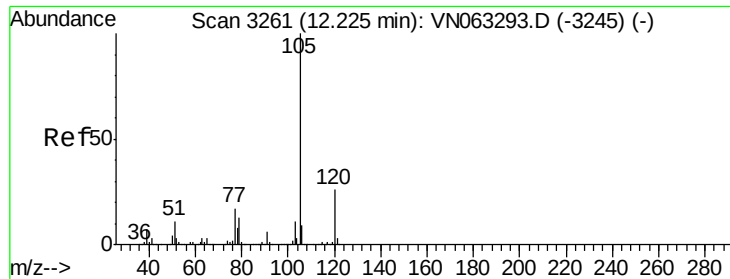


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.434 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampled :

ICVVN091020

Tgt Ion: 105 Resp: 1401543

Ion Ratio Lower Upper

105 100

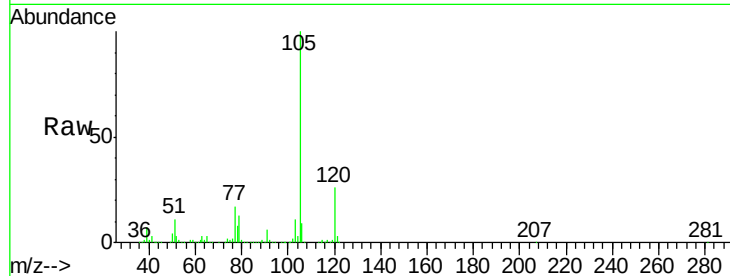
120 25.7 13.0 38.9

Manual Integrations

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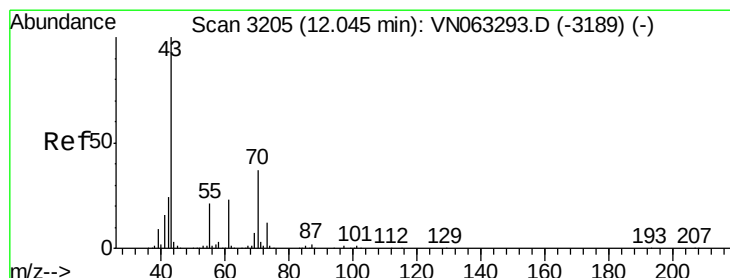
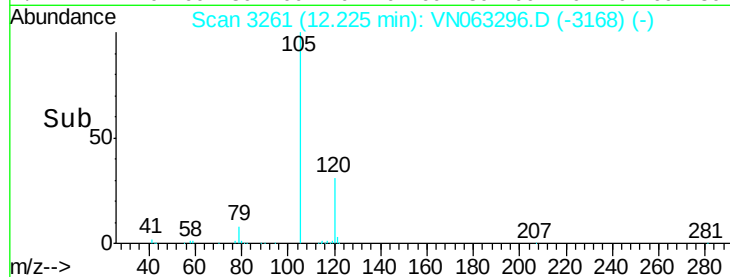
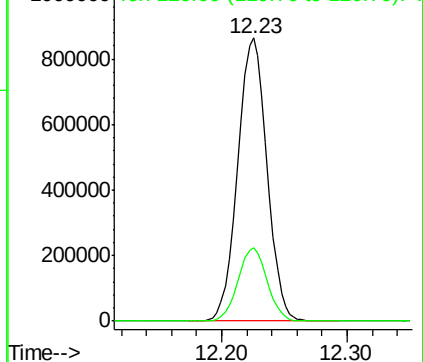
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.537 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Tgt Ion: 43 Resp: 624161

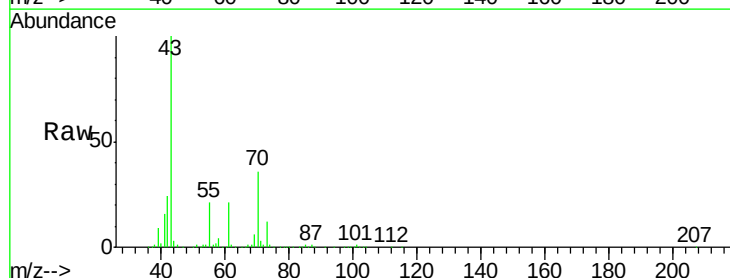
Ion Ratio Lower Upper

43 100

70 36.1 29.3 43.9

55 21.1 17.0 25.6

61 21.6 17.8 26.6

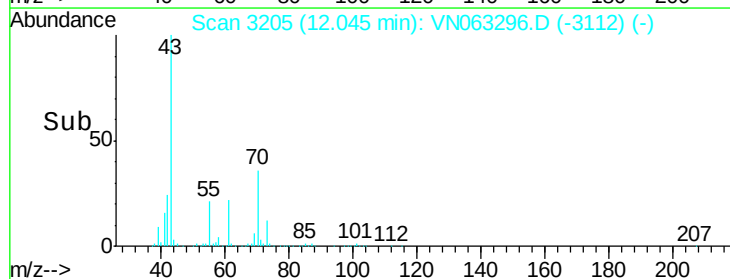
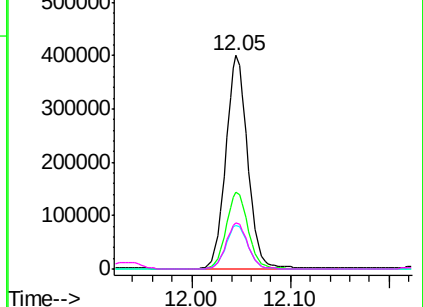


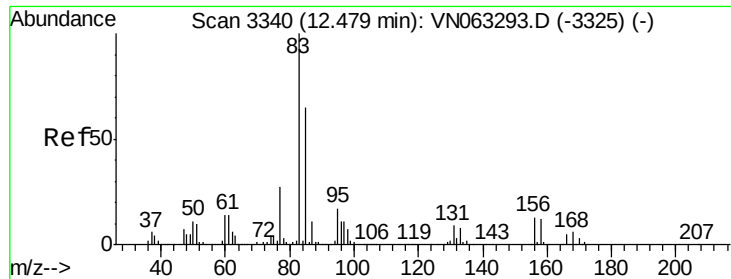
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.350 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampled :

ICVVN091020

Tgt Ion: 83 Resp: 384128

Ion Ratio Lower Upper

83 100

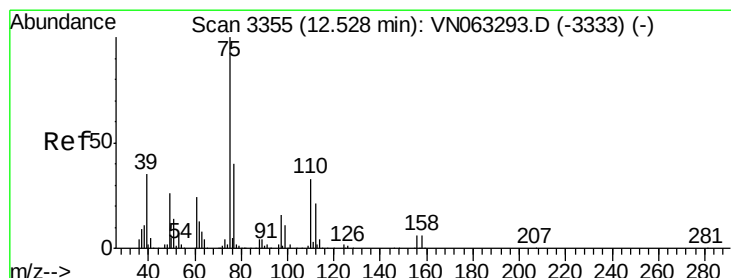
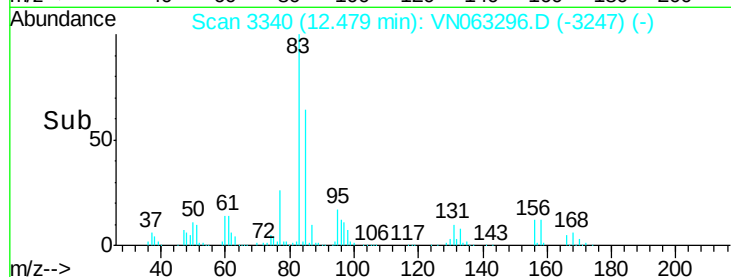
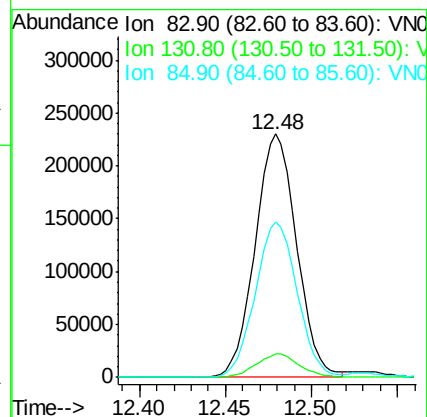
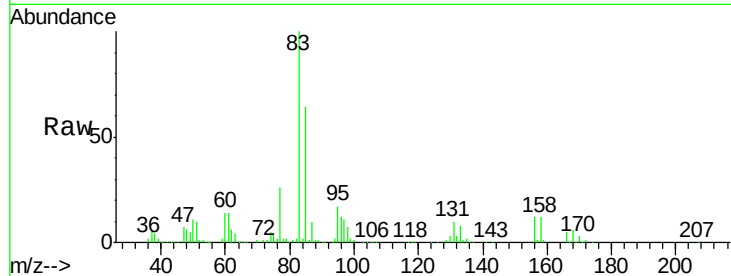
131 10.1 4.7 14.1

85 64.4 32.0 96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.333 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063296.D

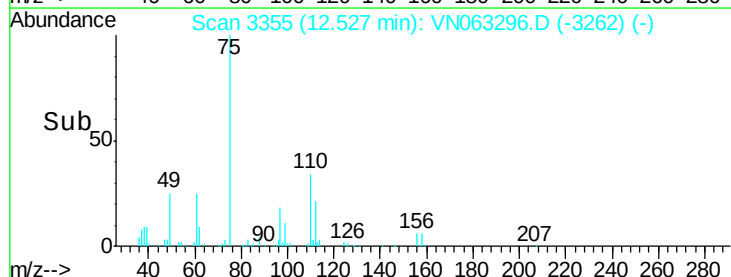
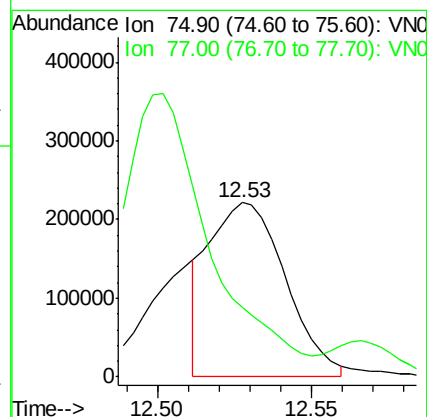
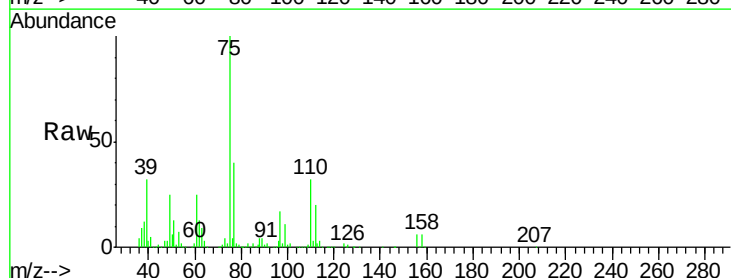
Acq: 10 Sep 2020 15:36

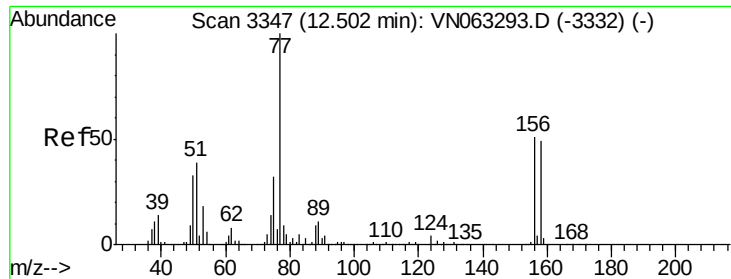
Tgt Ion: 75 Resp: 382544

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.100 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

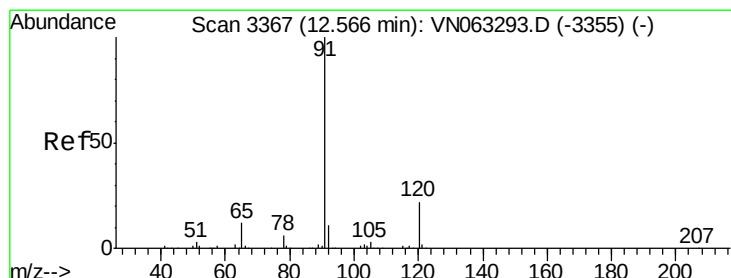
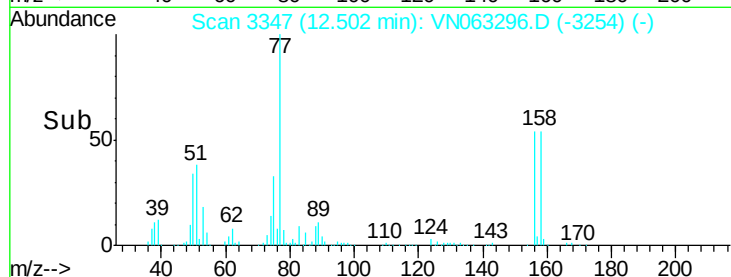
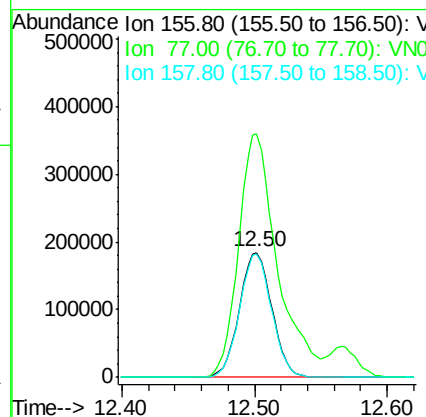
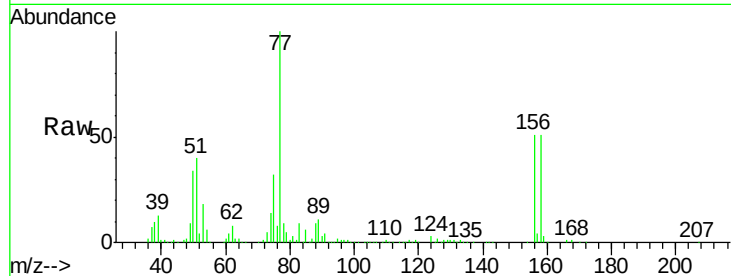
ClientSampled :

ICVVN091020

Tgt Ion	Ratio	Lower	Upper
156	100		
77	233.2	117.4	352.2
158	97.7	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 50.035 ug/l

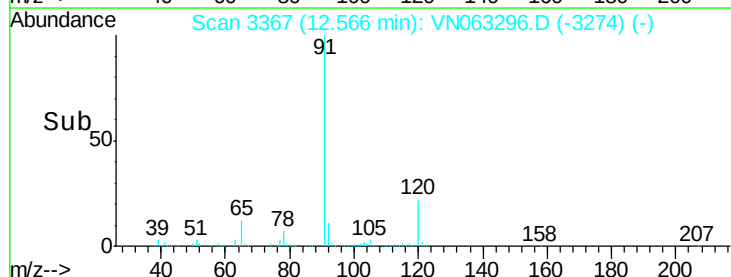
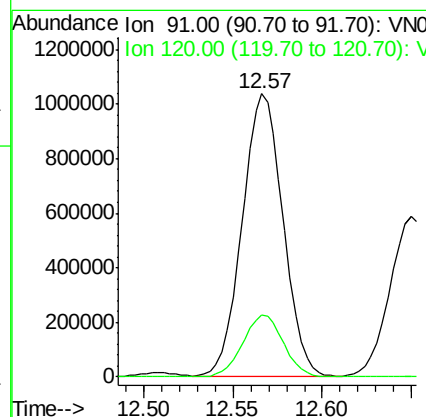
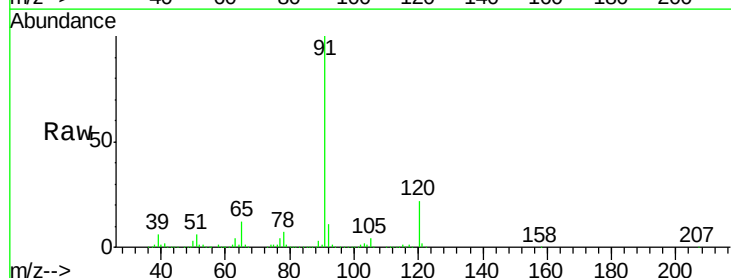
RT: 12.57 min Scan# 3367

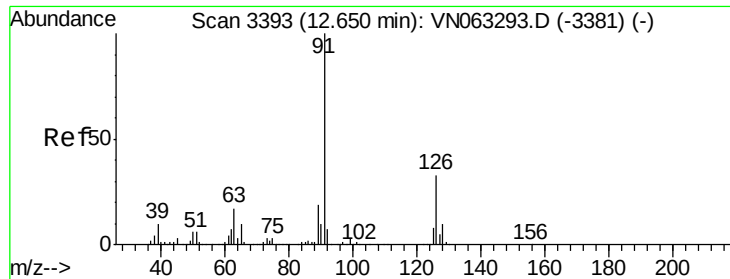
Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.3





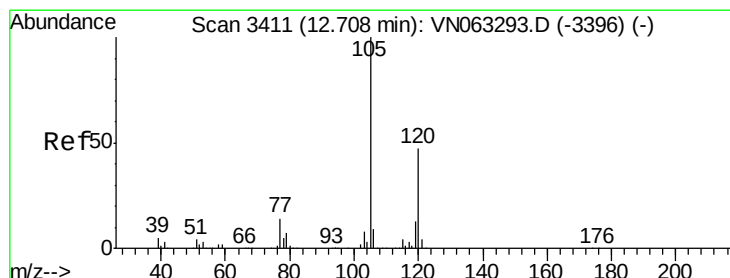
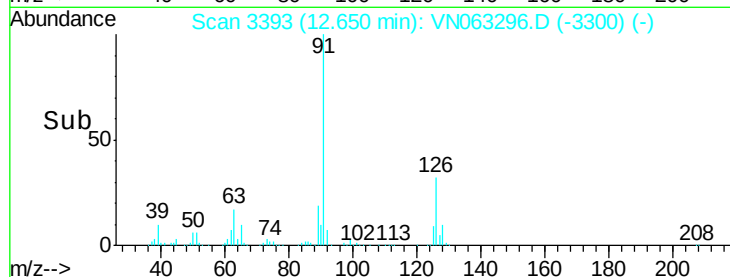
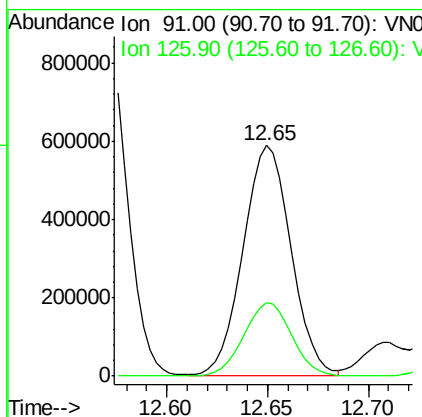
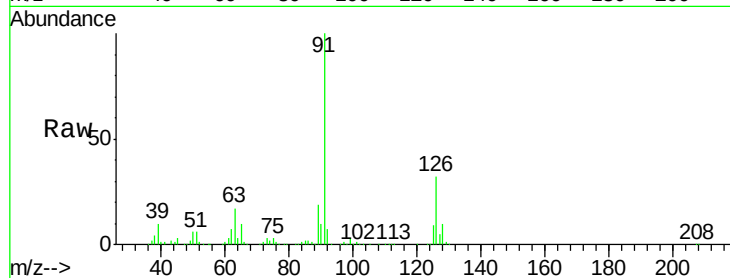
#79
2-Chlorotoluene
Concen: 48.212 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampled :
ICVFN091020

Tgt Ion: 91 Resp: 974491
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

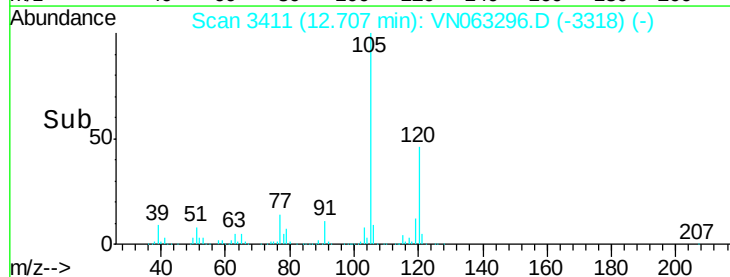
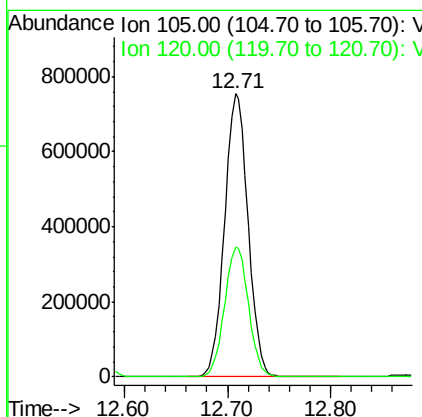
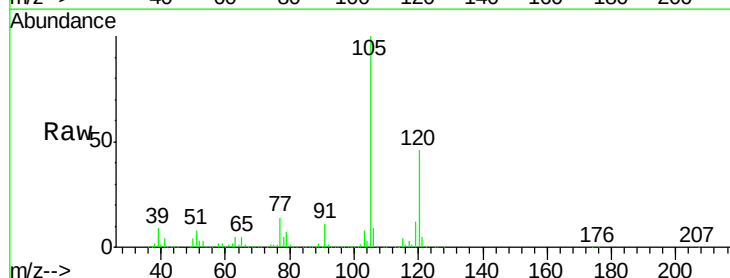
Manual Integrations
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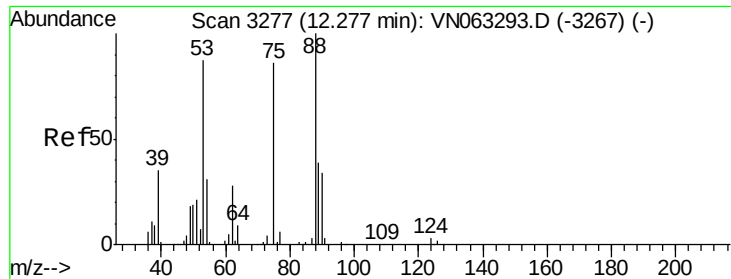
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#80
1,3,5-Trimethylbenzene
Concen: 49.644 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion: 105 Resp: 1192841
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.0





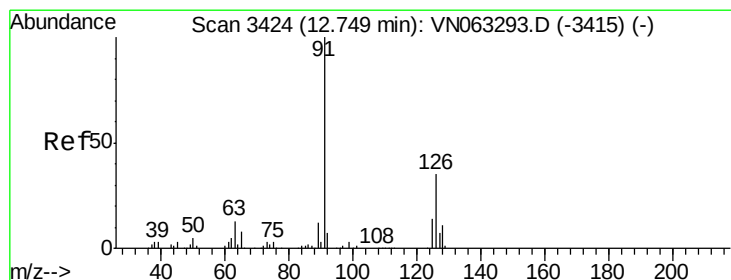
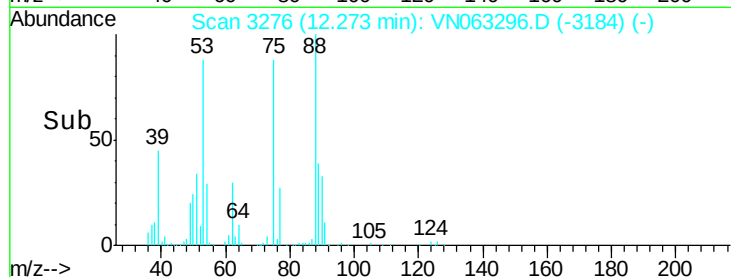
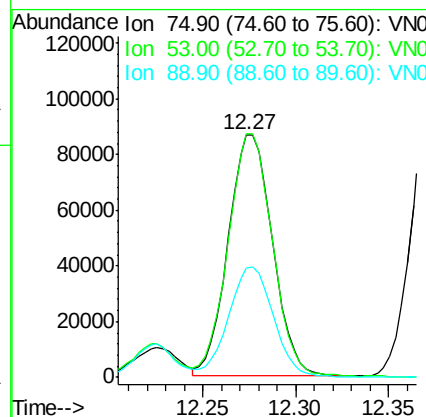
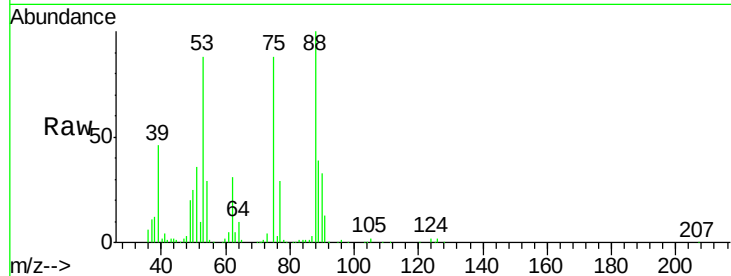
#81
trans-1,4-Dichloro-2-butene
Concen: 48.534 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampled :
ICVVN091020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.4	81.8	122.8
89	46.9	36.7	55.1

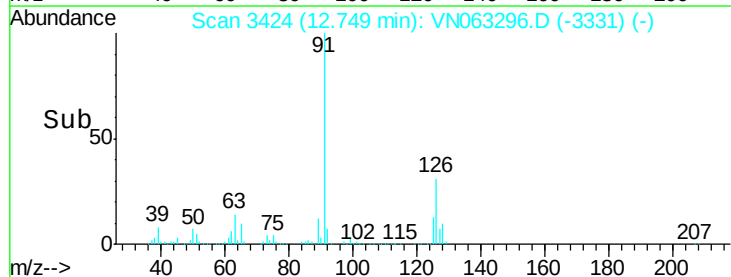
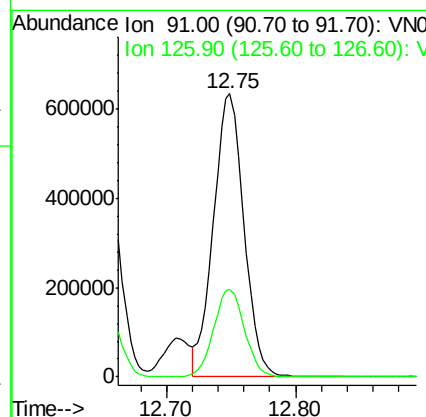
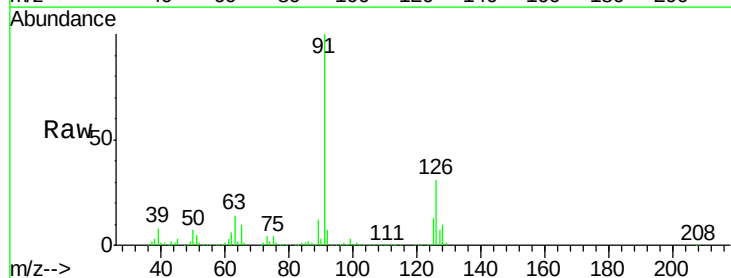
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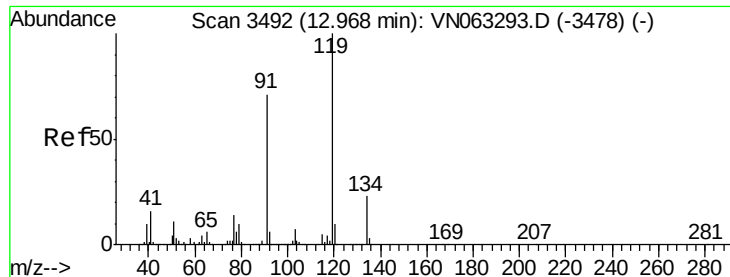
sam
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#82
4-Chlorotoluene
Concen: 48.921 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.9	47.7





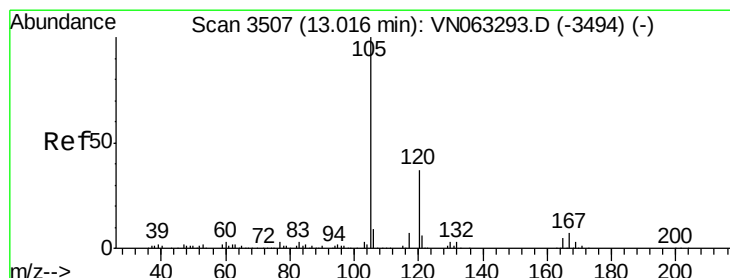
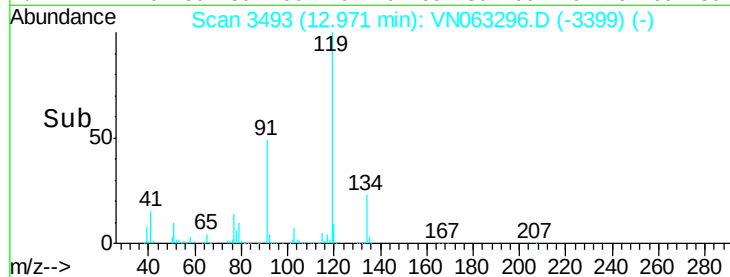
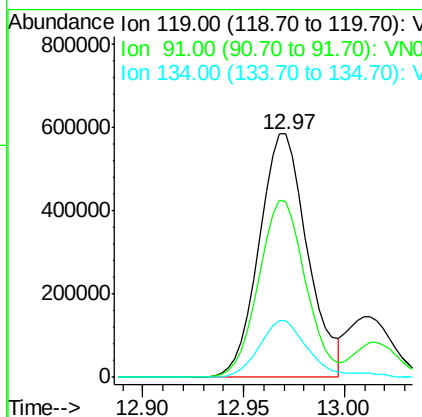
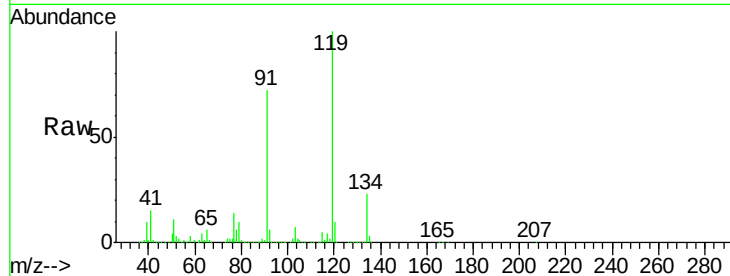
#83
 tert-Butylbenzene
 Concen: 47.936 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN091020

Tgt Ion	Ratio	Lower	Upper
119	100		
91	70.5	34.8	104.3
134	24.2	11.9	35.5

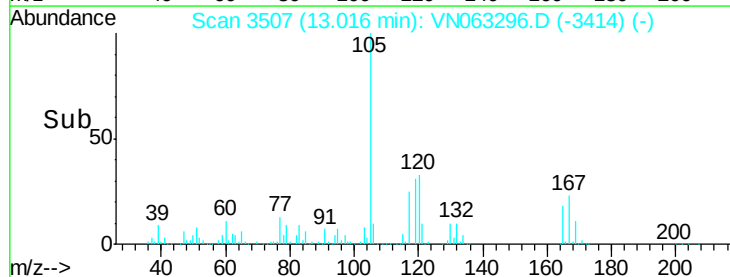
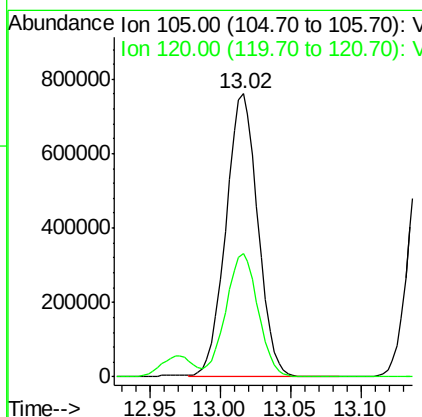
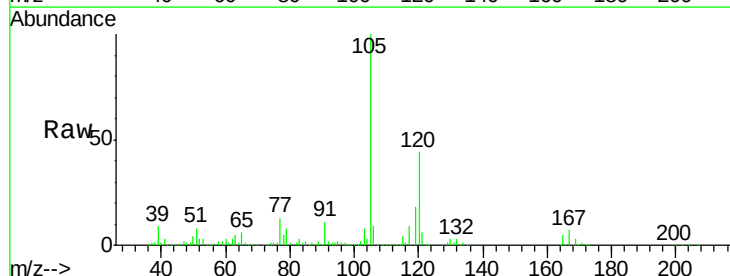
Manual Integrations
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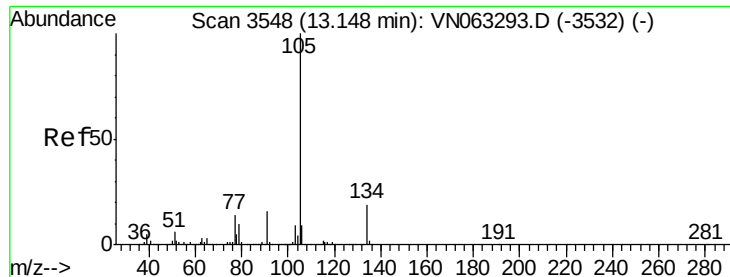
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.557 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.8	65.4





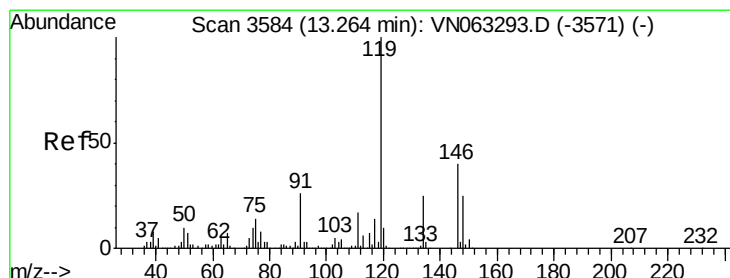
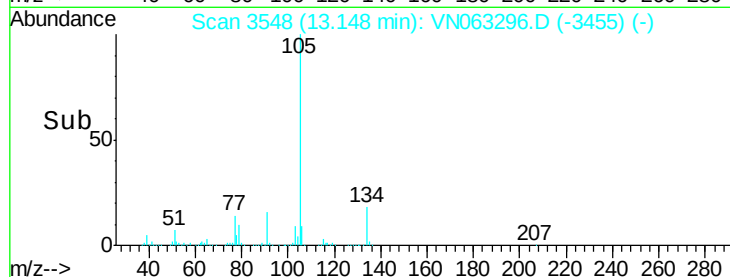
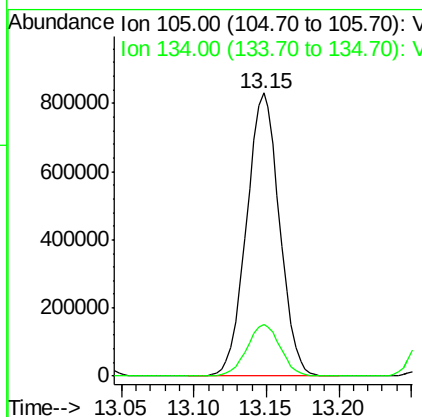
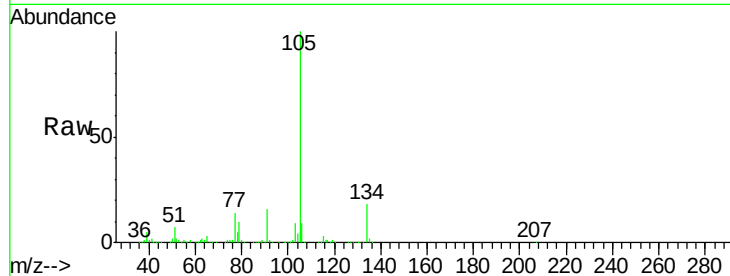
#85
 sec-Butylbenzene
 Concen: 50.480 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

Tgt Ion:105 Resp: 1308747
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.3

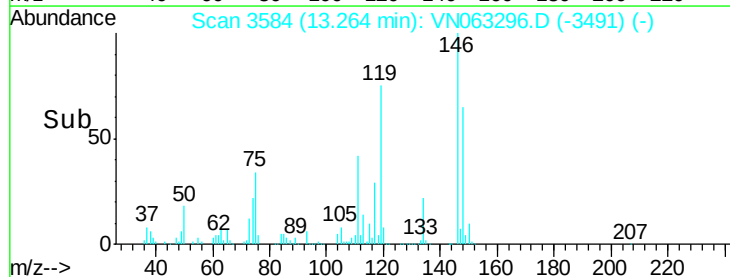
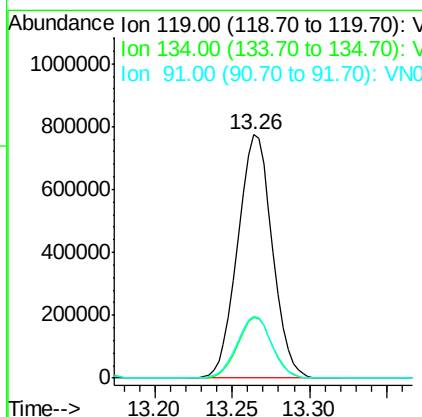
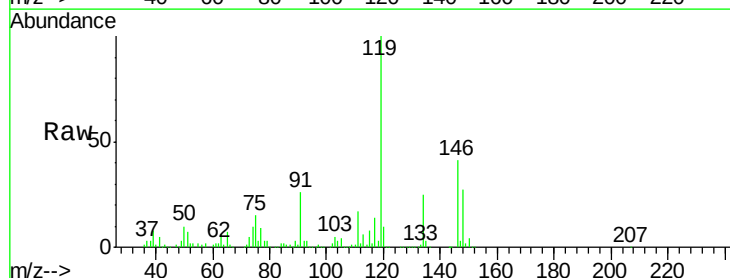
Manual Integrations
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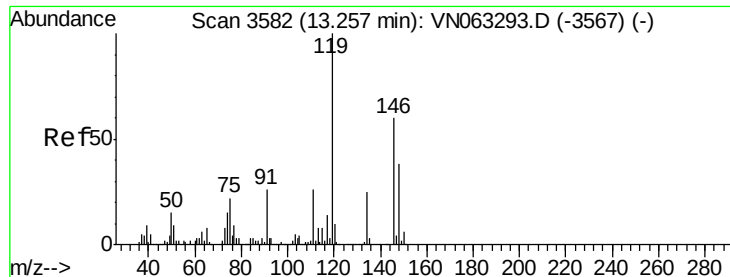
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#86
 p-Isopropyltoluene
 Concen: 50.594 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion:119 Resp: 1202532
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 25.5 12.8 38.3





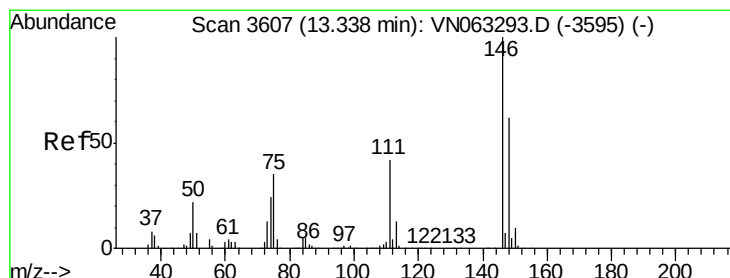
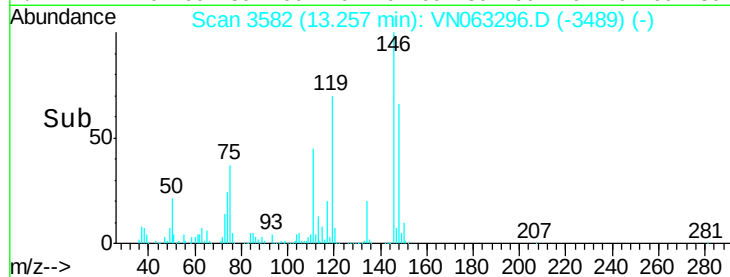
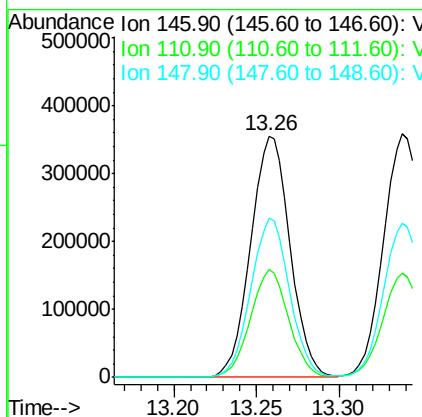
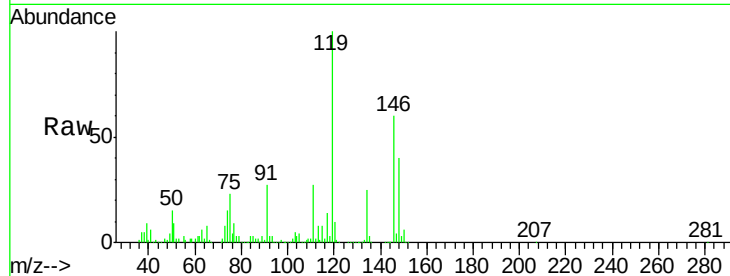
#87
 1,3-Dichlorobenzene
 Concen: 48.327 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN091020

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	587670		
111	43.6	21.8	65.4	
148	64.9	31.8	95.4	

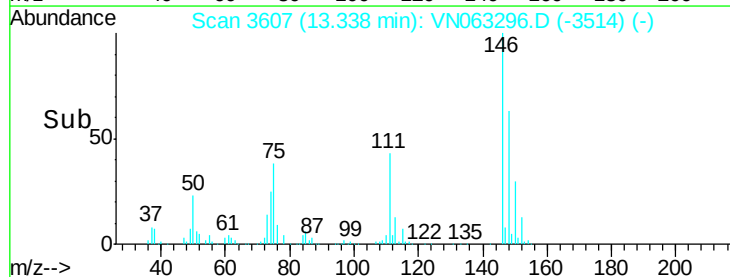
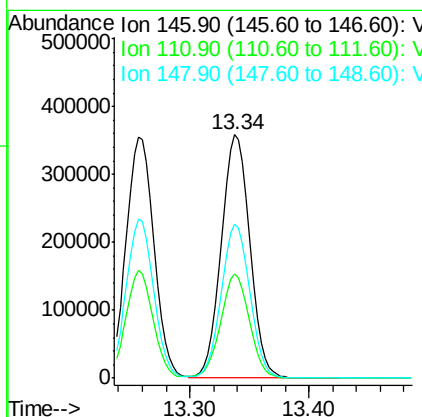
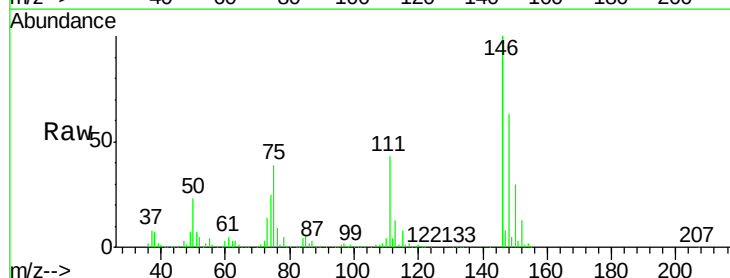
Manual Integrations
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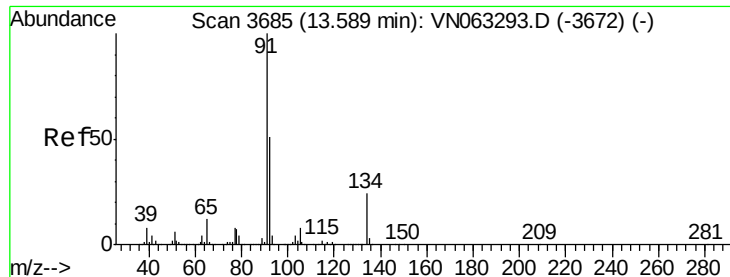
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#88
 1,4-Dichlorobenzene
 Concen: 51.309 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	596323		
111	42.8	21.3	64.0	
148	63.2	31.5	94.5	





#89

n-Butylbenzene

Concen: 51.784 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

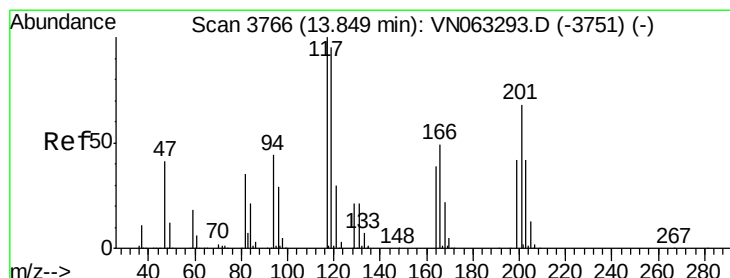
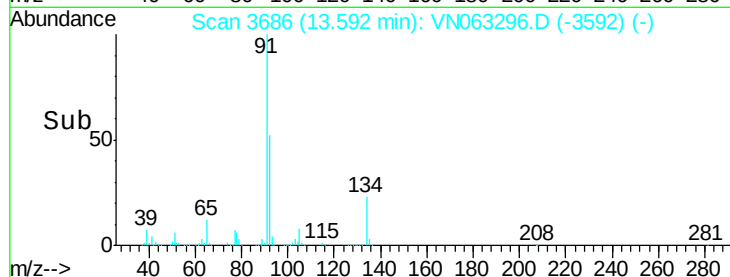
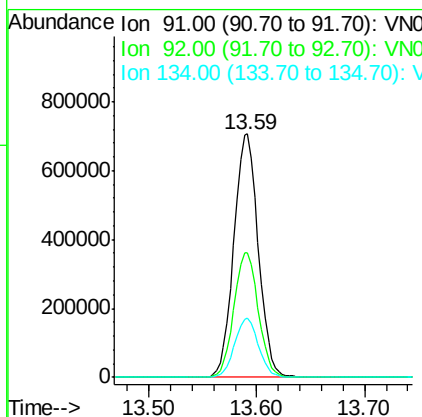
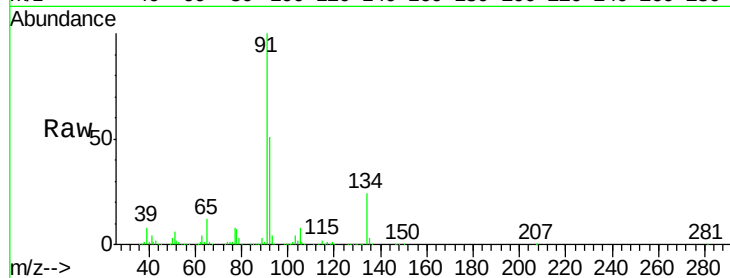
ClientSampleId :

ICVVN091020

Tgt Ion:	91	Resp:	1111074
Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.8	77.3
134	23.7	12.0	36.0

Manual Integrations
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#90

Hexachloroethane

Concen: 52.601 ug/l

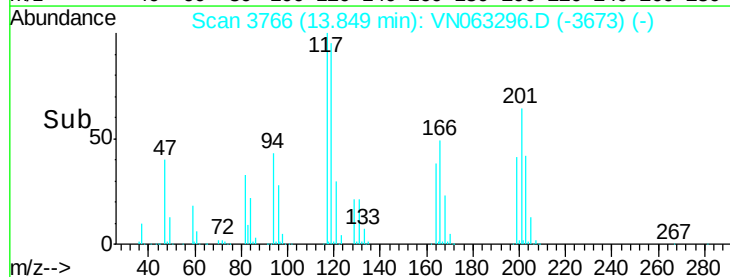
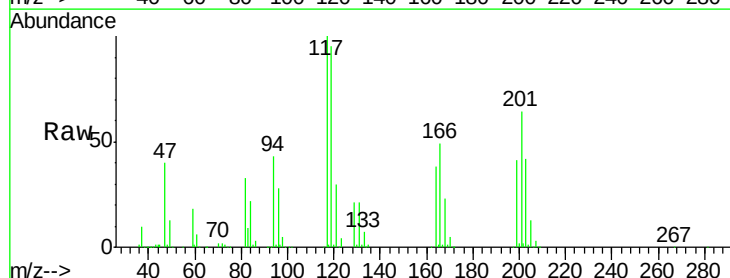
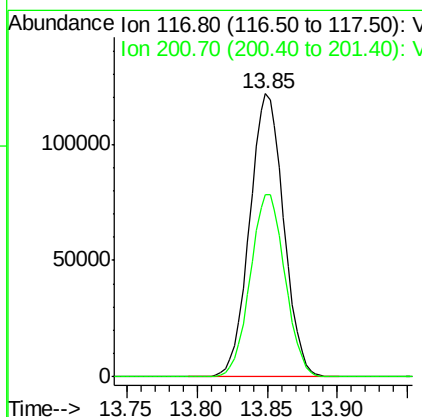
RT: 13.85 min Scan# 3766

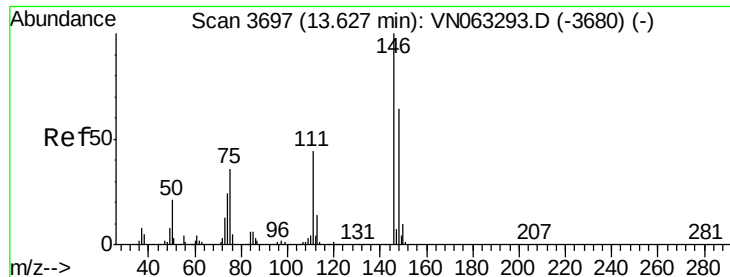
Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Tgt Ion:	117	Resp:	205649
Ion	Ratio	Lower	Upper
117	100		
201	65.3	33.5	100.4





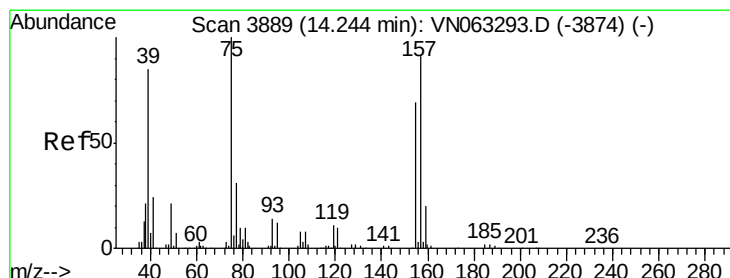
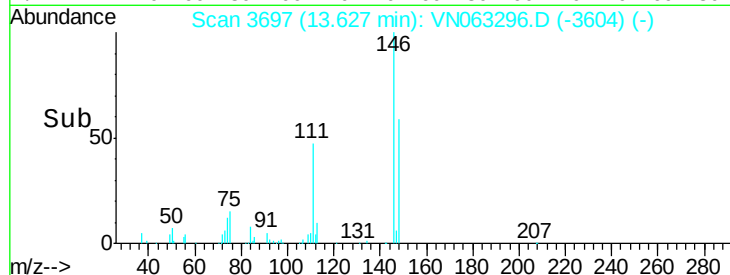
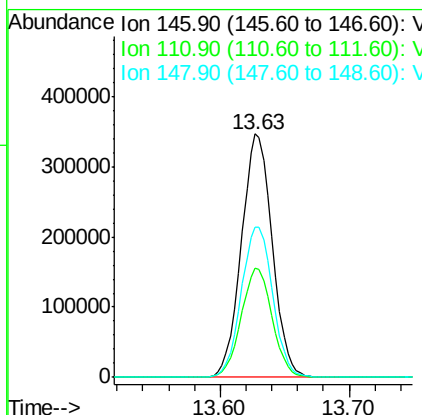
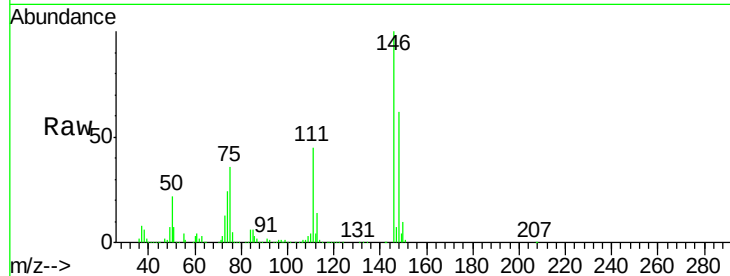
#91
 1,2-Dichlorobenzene
 Concen: 48.120 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN091020

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	578346		
111	45.1	22.1	66.5	
148	63.0	31.8	95.3	

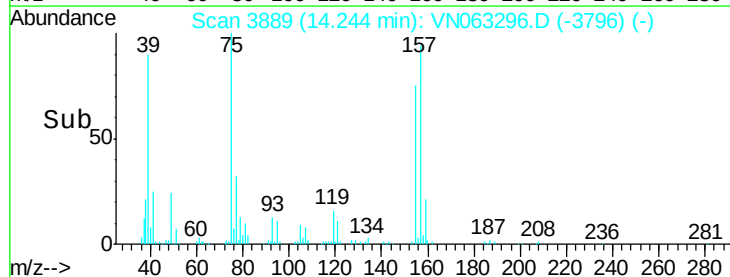
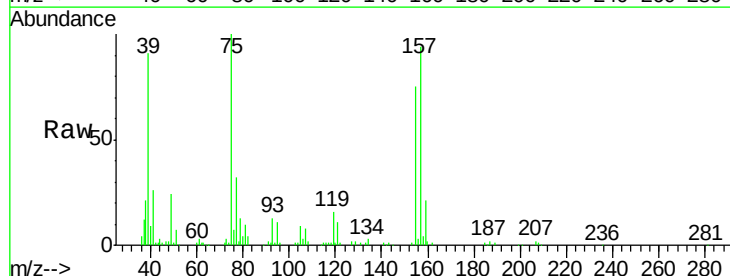
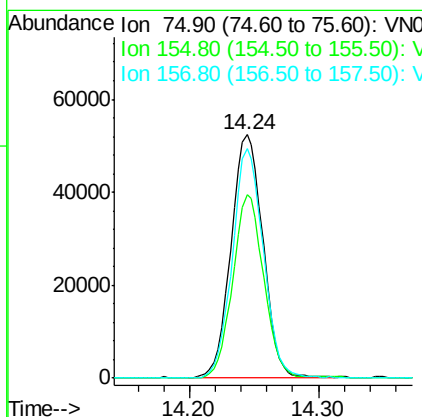
Manual Integrations
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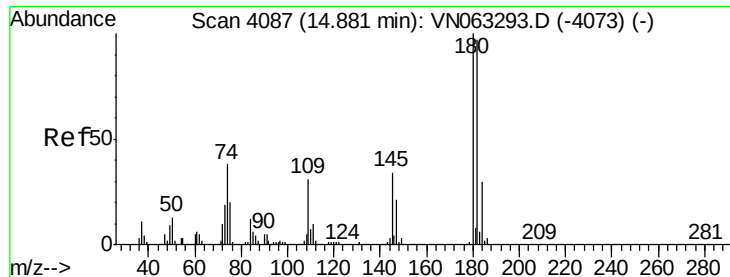
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.881 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	90235		
155	72.8	35.3	105.7	
157	91.5	46.7	140.0	





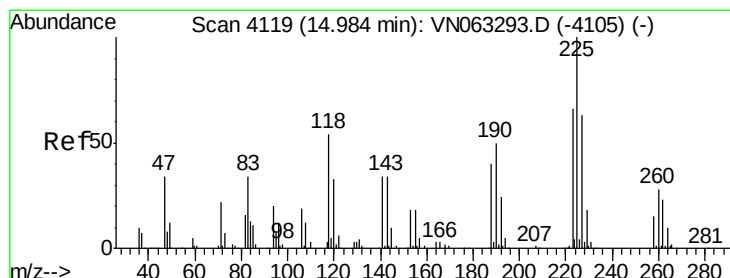
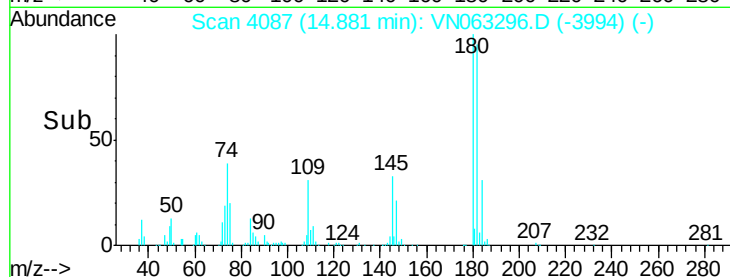
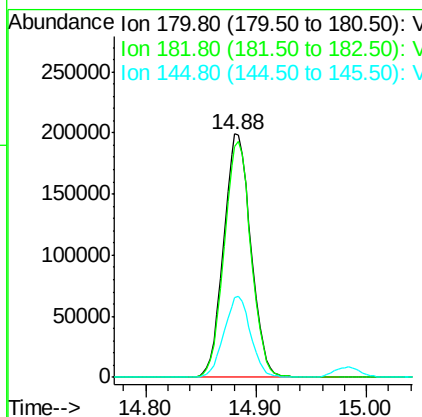
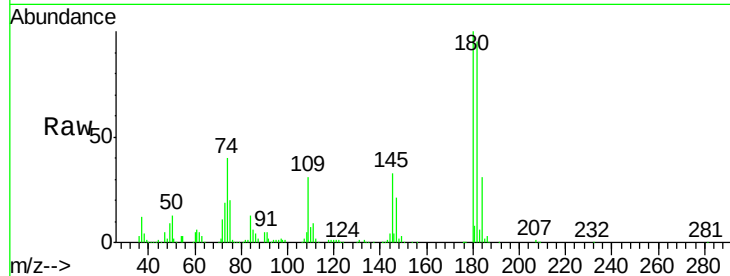
#93
 1,2,4-Trichlorobenzene
 Concen: 48.468 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	340967		
182	95.3	48.0	144.2	
145	32.6	16.6	49.8	

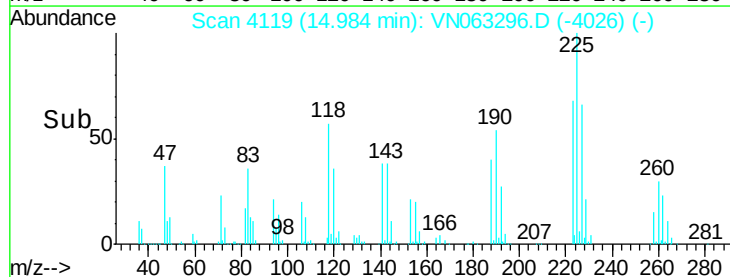
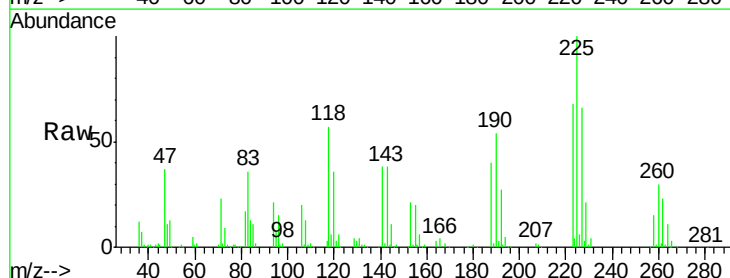
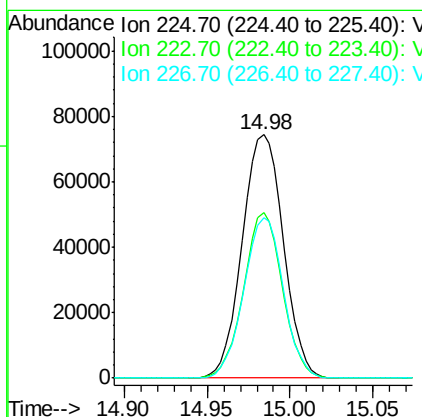
Manual Integrations
 APPROVED

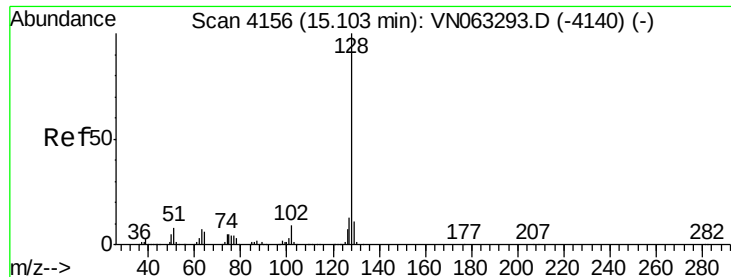
sam
 9/21/2020 7:26:29 PM



#94
 Hexachlorobutadiene
 Concen: 50.913 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	129050		
223	64.0	31.3	93.9	
227	63.1	31.2	93.6	





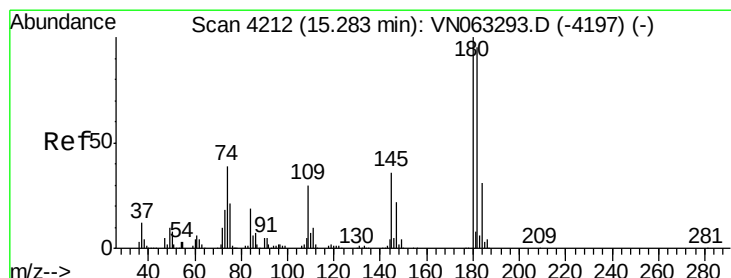
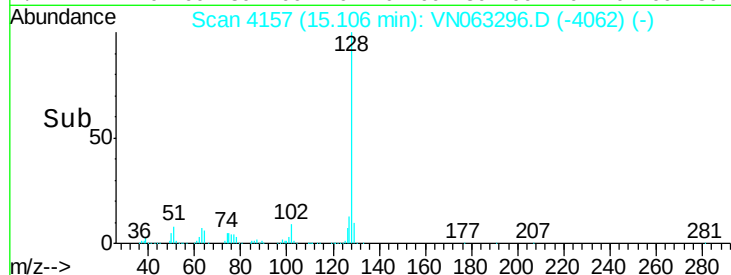
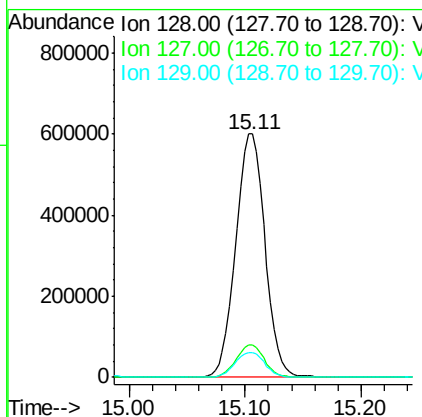
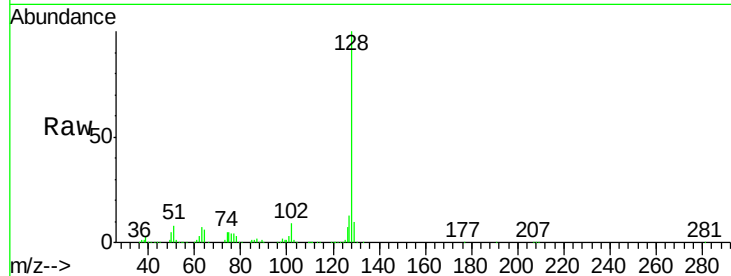
#95
Naphthalene
Concen: 49.590 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.5	8.6	12.8

Manual Integrations
APPROVED

sam
9/21/2020 7:26:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.287 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.4	142.3
145	34.8	17.2	51.6

