

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063292.D
 Acq On : 10 Sep 2020 13:32
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:23 PM

Quant Time: Sep 10 14:50:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	446276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	794347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	714447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	325440	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	135641	18.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.98%	
35) Dibromofluoromethane	7.55	113	95974	19.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.00%	
50) Toluene-d8	10.06	98	377528	19.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.80%	
62) 4-Bromofluorobenzene	12.38	95	136517	19.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	83026	19.080	ug/l	98
3) Chloromethane	2.04	50	123441	19.491	ug/l	99
4) Vinyl Chloride	2.17	62	124497	18.137	ug/l	99
5) Bromomethane	2.54	94	85554	15.450	ug/l	99
6) Chloroethane	2.68	64	80405	15.321	ug/l	98
7) Trichlorofluoromethane	2.99	101	188187	18.160	ug/l	98
8) Diethyl Ether	3.38	74	67595	20.131	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	99235	20.757	ug/l	99
10) Methyl Iodide	3.91	142	126861	19.588	ug/l	100
11) Tert butyl alcohol	4.73	59	98474	111.355	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	99213	20.517	ug/l	95
13) Acrolein	3.57	56	43965	133.553	ug/l	98
14) Allyl chloride	4.28	41	195125	22.391	ug/l	97
15) Acrylonitrile	4.93	53	260177	113.754	ug/l	99
16) Acetone	3.78	43	254677	122.060	ug/l	100
17) Carbon Disulfide	4.01	76	285230	19.780	ug/l	100
18) Methyl Acetate	4.28	43	120952	22.738	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	359529	20.166	ug/l	99
20) Methylene Chloride	4.50	84	116200	18.753	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	111198	20.934	ug/l	98
22) Diisopropyl ether	5.90	45	403281	20.875	ug/l	94
23) Vinyl Acetate	5.84	43	1681650	109.416	ug/l	100
24) 1,1-Dichloroethane	5.80	63	220459	20.793	ug/l	99
25) 2-Butanone	6.78	43	378780	118.099	ug/l	98
26) 2,2-Dichloropropane	6.78	77	188782	19.617	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	126842	19.646	ug/l	99
28) Bromochloromethane	7.15	49	100319	18.481	ug/l	99
29) Tetrahydrofuran	7.17	42	253604	114.840	ug/l	100
30) Chloroform	7.33	83	218039	19.731	ug/l	98
31) Cyclohexane	7.61	56	199339	20.004	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	186574	19.653	ug/l	100
36) 1,1-Dichloropropene	7.75	75	162202	21.226	ug/l	99
37) Ethyl Acetate	6.88	43	168461	25.739	ug/l	99
38) Carbon Tetrachloride	7.73	117	163561	21.172	ug/l	98

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

39) Methylcyclohexane	9.05	83	179762	21.049	ug/l	99
40) Benzene	8.00	78	478604	21.460	ug/l	100
41) Methacrylonitrile	7.13	41	72681	22.019	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	177928	21.264	ug/l	98
43) Isopropyl Acetate	8.13	43	285064	22.902	ug/l	99
44) Trichloroethene	8.80	130	121120	22.060	ug/l	100
45) 1,2-Dichloropropane	9.08	63	132425	22.234	ug/l	97
46) Dibromomethane	9.18	93	82499	21.151	ug/l	100
47) Bromodichloromethane	9.37	83	172801	20.698	ug/l	98
48) Methyl methacrylate	9.17	41	133131	23.621	ug/l	99
49) 1,4-Dioxane	9.17	88	41013	472.995	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	821394	121.317	ug/l	99
52) Toluene	10.13	92	288847	20.873	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	190555	20.953	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	206731	21.426	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	114276	21.508	ug/l	98
56) Ethyl methacrylate	10.40	69	177997	21.970	ug/l	98
57) 1,3-Dichloropropane	10.68	76	201114	21.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	445942	107.017	ug/l	99
59) 2-Hexanone	10.72	43	593474	124.243	ug/l	100
60) Dibromochloromethane	10.87	129	123586	21.048	ug/l	98
61) 1,2-Dibromoethane	10.98	107	117305	21.336	ug/l	100
64) Tetrachloroethene	10.60	164	120767	23.038	ug/l	94
65) Chlorobenzene	11.41	112	307055	21.374	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	111615	21.047	ug/l	99
67) Ethyl Benzene	11.49	91	566677	21.638	ug/l	98
68) m/p-Xylenes	11.59	106	412967	42.718	ug/l	97
69) o-Xylene	11.92	106	198967	21.299	ug/l	100
70) Styrene	11.94	104	331092	20.689	ug/l	99
71) Bromoform	12.10	173	79325	21.904	ug/l #	98
73) Isopropylbenzene	12.23	105	535977	21.655	ug/l	100
74) N-amyl acetate	12.05	43	231282	22.360	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	154896	21.777	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	141806m	20.373	ug/l	
77) Bromobenzene	12.50	156	118130	21.000	ug/l	95
78) n-propylbenzene	12.57	91	619785	21.641	ug/l	98
79) 2-Chlorotoluene	12.65	91	373549	21.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	450166	21.756	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	55837	21.334	ug/l	99
82) 4-Chlorotoluene	12.75	91	378845	21.260	ug/l	100
83) tert-Butylbenzene	12.97	119	371291	21.023	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	452965	21.721	ug/l	99
85) sec-Butylbenzene	13.15	105	479099	20.912	ug/l	99
86) p-Isopropyltoluene	13.26	119	436856	21.425	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	222822	21.617	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	219553	20.646	ug/l	98
89) n-Butylbenzene	13.59	91	388342	20.587	ug/l	99
90) Hexachloroethane	13.85	117	73045	19.431	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	217509	21.737	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	35455	22.260	ug/l	97

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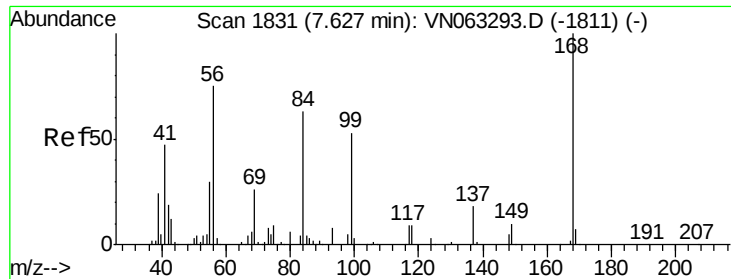
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	121730	21.526	ug/l	99
94) Hexachlorobutadiene	14.98	225	45797	21.427	ug/l	95
95) Naphthalene	15.11	128	385532	20.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	117614	21.351	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 446276

Ion Ratio Lower Upper

168 100

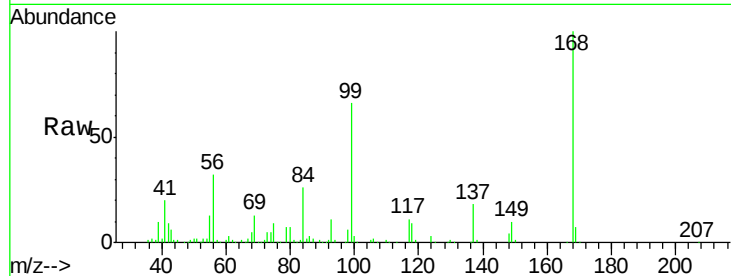
99 65.8 51.1 76.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

200000

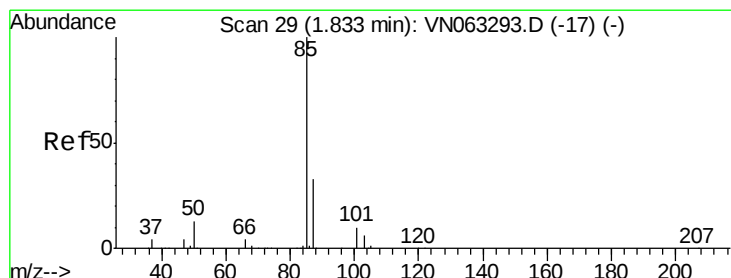
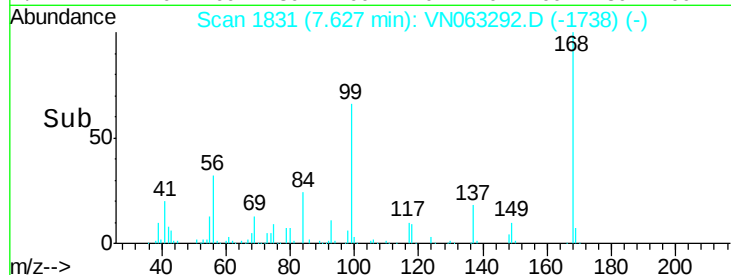
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.080 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063292.D

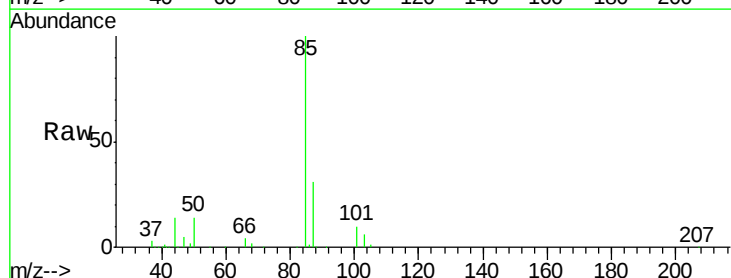
Acq: 10 Sep 2020 13:32

Tgt Ion: 85 Resp: 83026

Ion Ratio Lower Upper

85 100

87 31.3 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

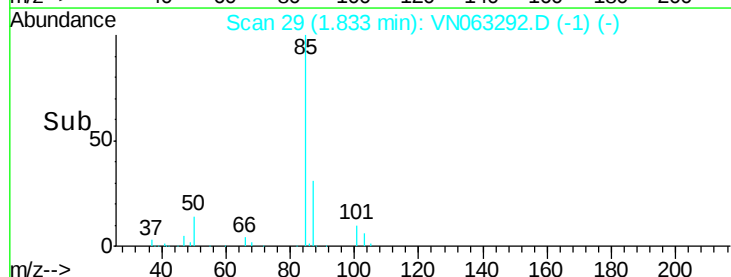
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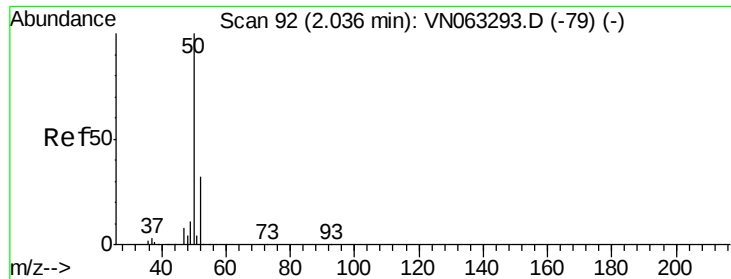
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.491 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 123441

Ion Ratio Lower Upper

50 100

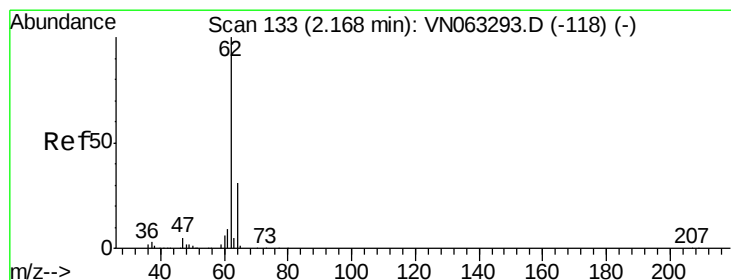
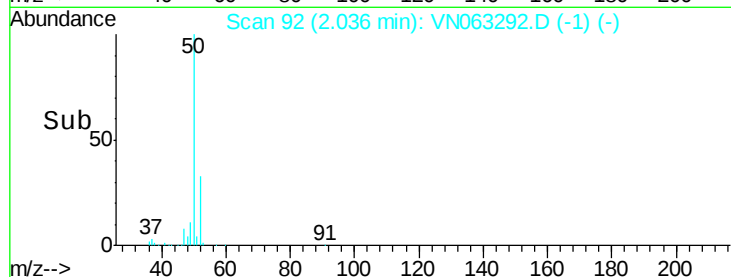
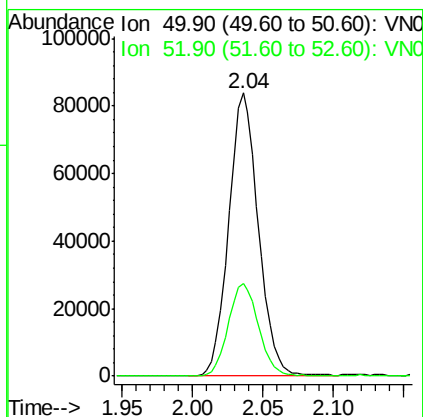
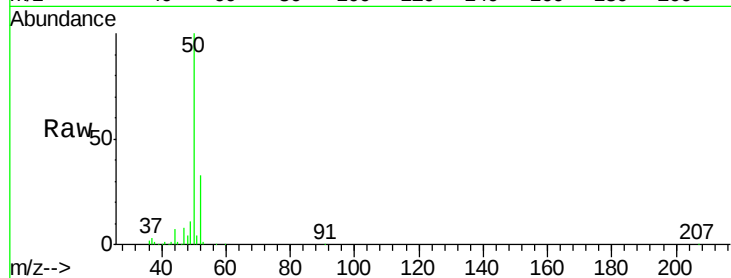
52 32.6 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.137 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063292.D

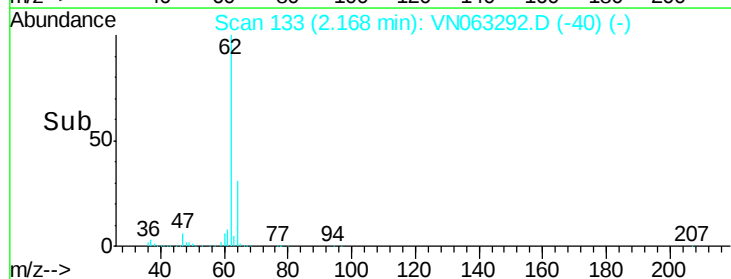
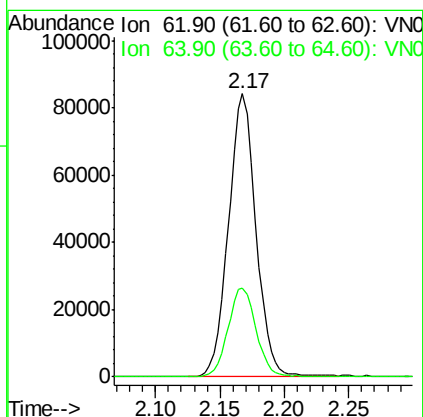
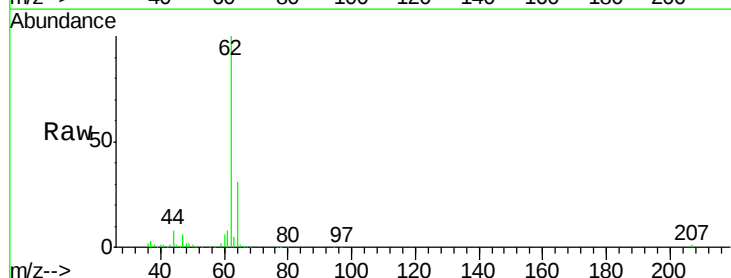
Acq: 10 Sep 2020 13:32

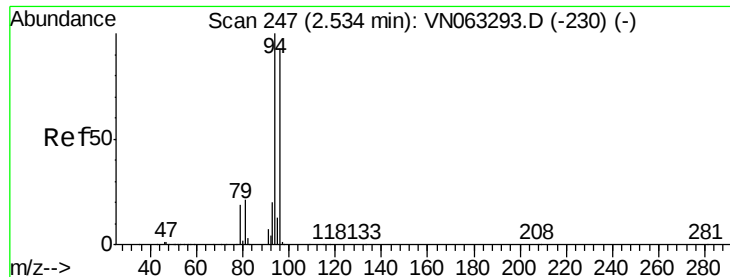
Tgt Ion: 62 Resp: 124497

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0





#5

Bromomethane

Concen: 15.450 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

Tot Ion: 94 Resp: 85554

Ion Ratio Lower Upper

94 100

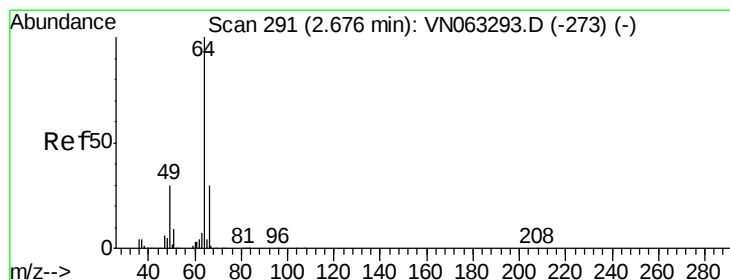
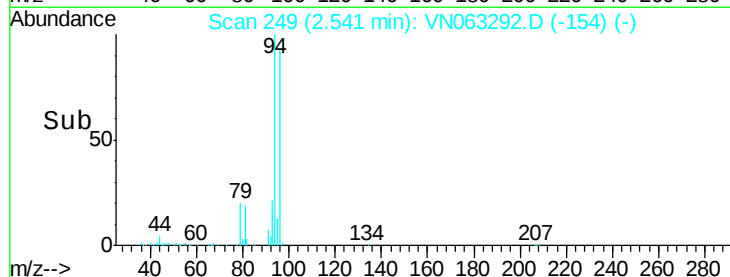
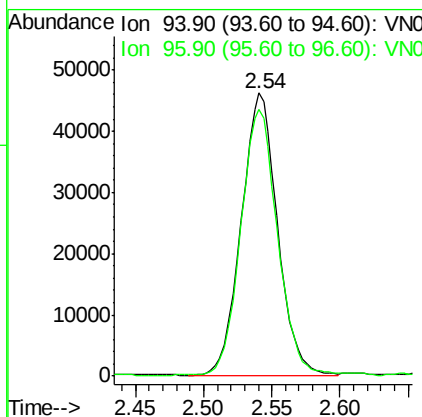
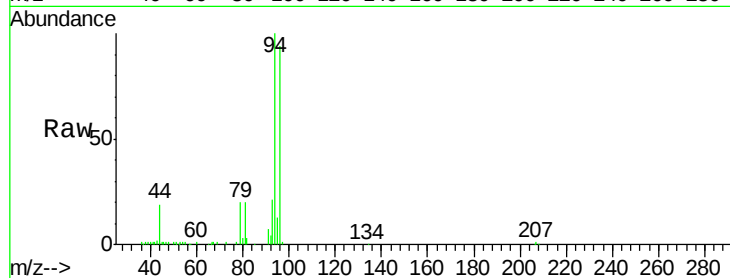
96 93.6 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 15.321 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063292.D

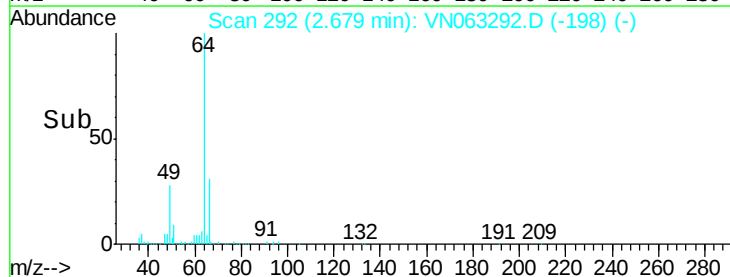
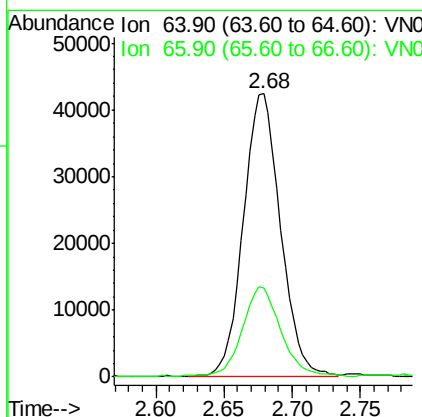
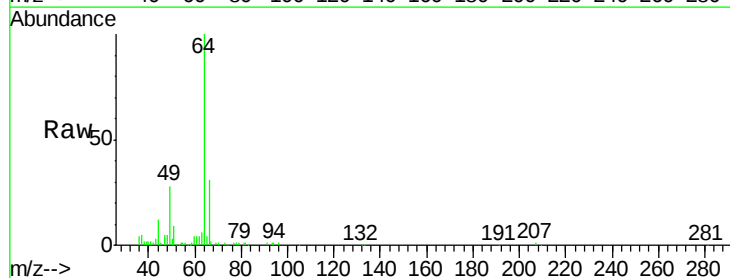
Acq: 10 Sep 2020 13:32

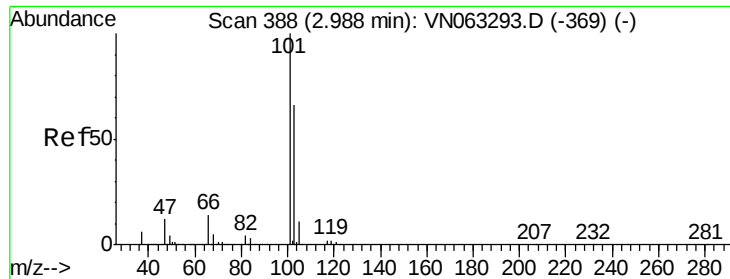
Tgt Ion: 64 Resp: 80405

Ion Ratio Lower Upper

64 100

66 31.0 23.8 35.6





#7

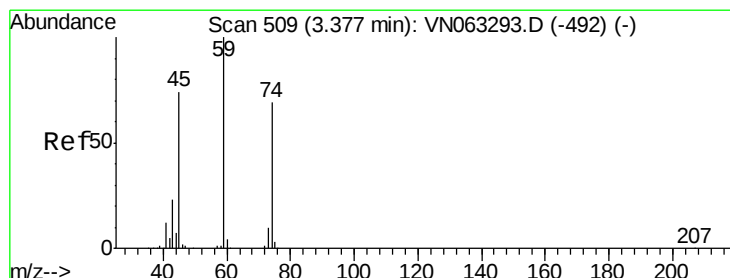
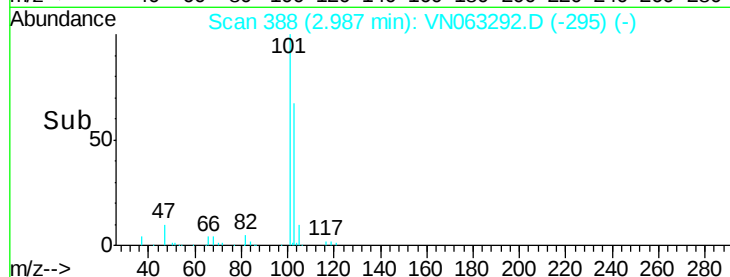
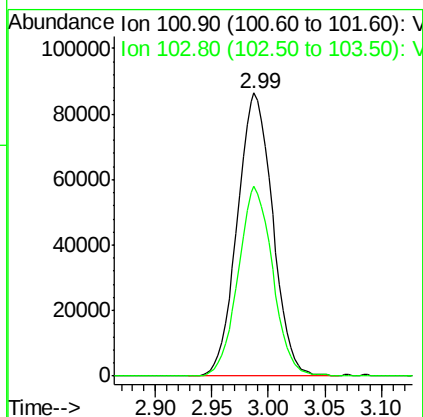
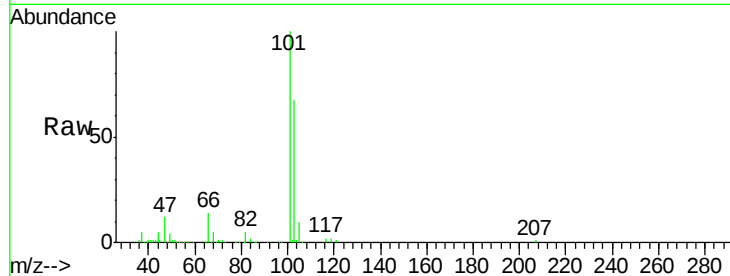
Trichlorofluoromethane
 Concen: 18.160 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Instrument :
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 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	188187		
103	66.9	52.4	78.6	

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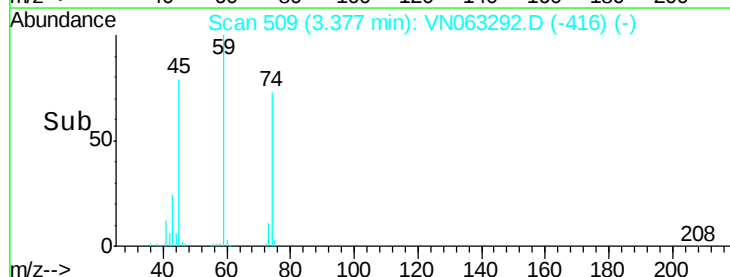
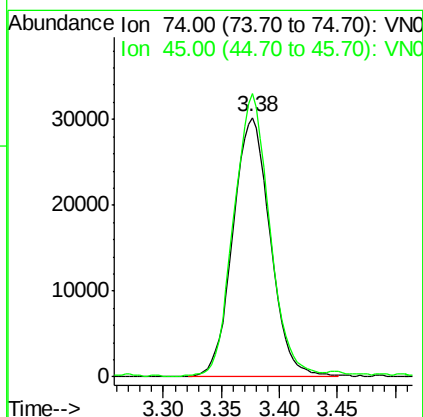
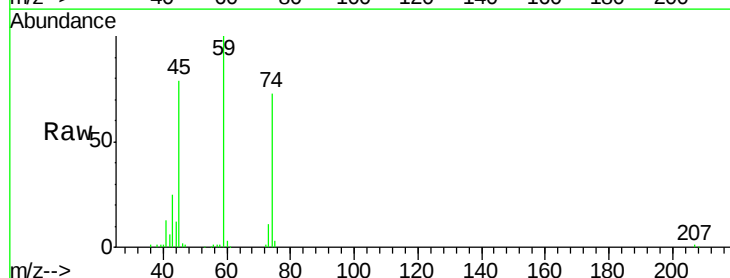
MMDadoda
 9/11/2020 2:02:23 PM

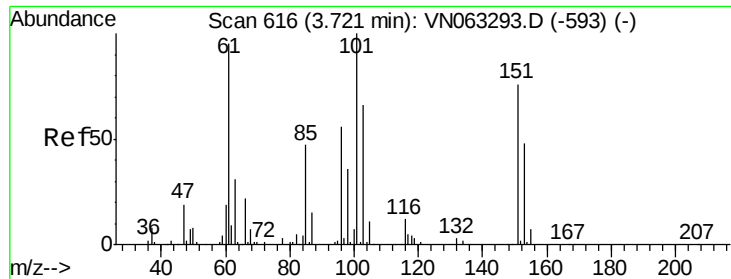


#8

Diethyl Ether
 Concen: 20.131 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	67595		
45	105.7	52.7	158.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.757 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

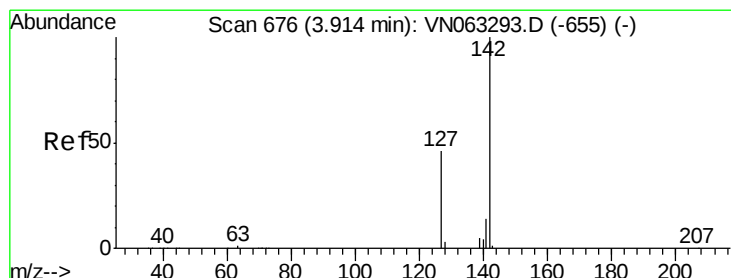
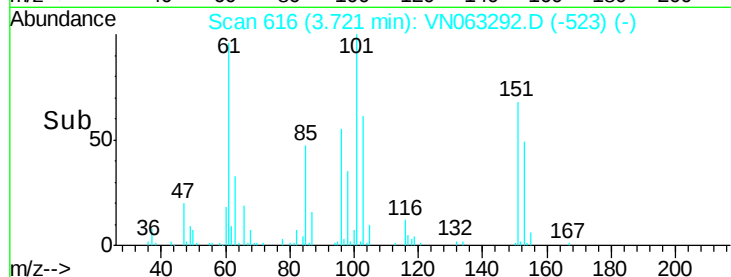
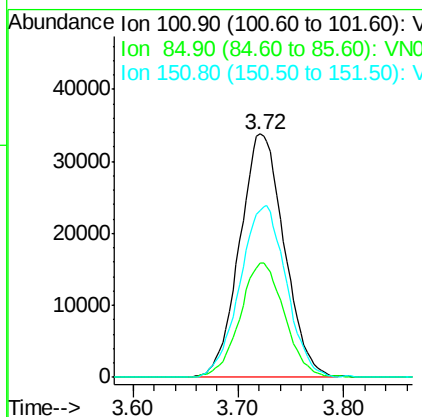
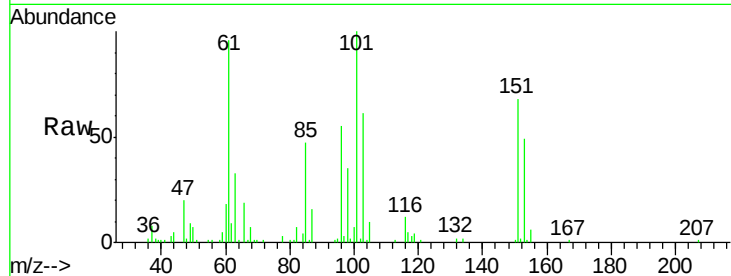
ClientSampled :

VSTDIC020

Tot Ion:	101	Resp:	99235
Ion Ratio	Lower	Upper	
101	100		
85	46.7	36.9	55.3
151	73.1	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 19.588 ug/l

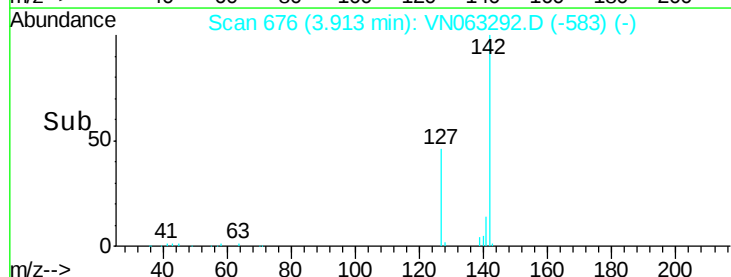
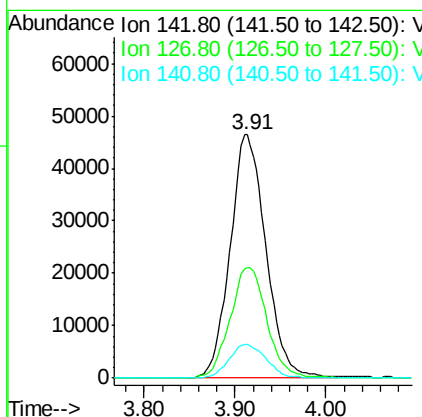
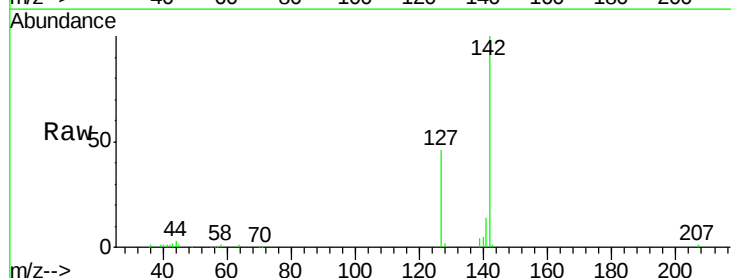
RT: 3.91 min Scan# 676

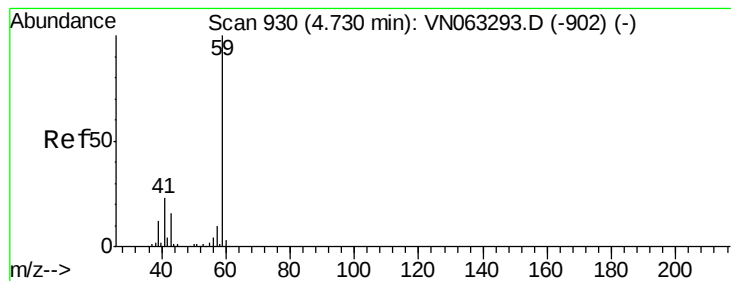
Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Tgt Ion:	142	Resp:	126861
Ion Ratio	Lower	Upper	
142	100		
127	46.6	37.1	55.7
141	14.4	11.6	17.4





#11

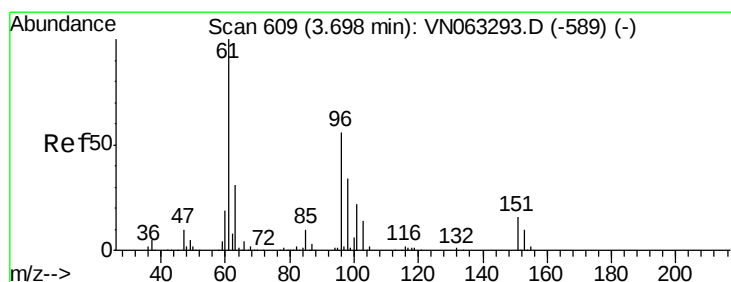
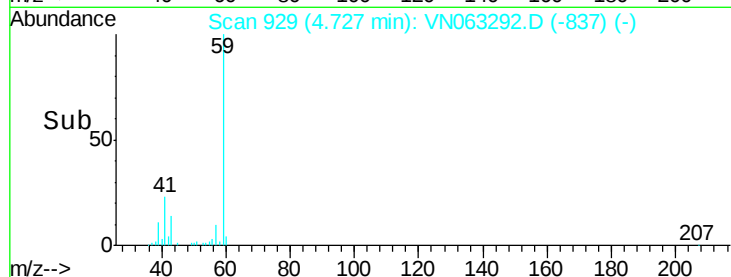
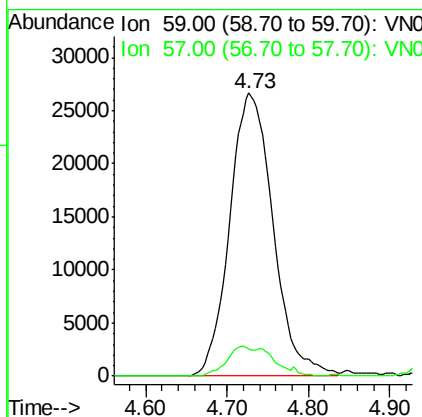
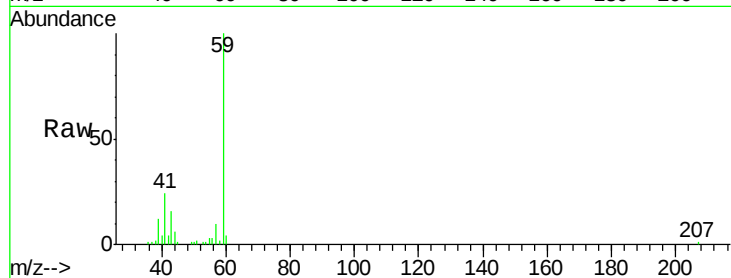
Tert butyl alcohol
Concen: 111.355 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.3	12.5#

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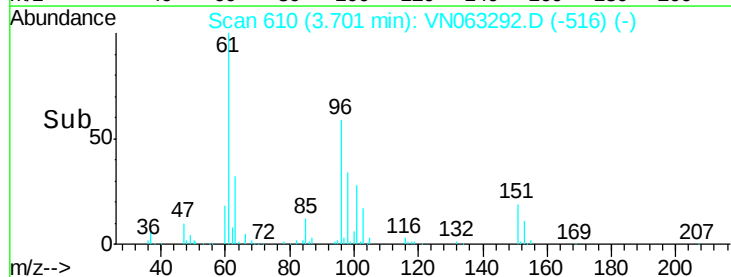
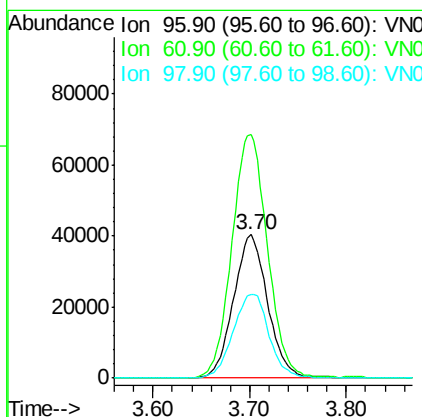
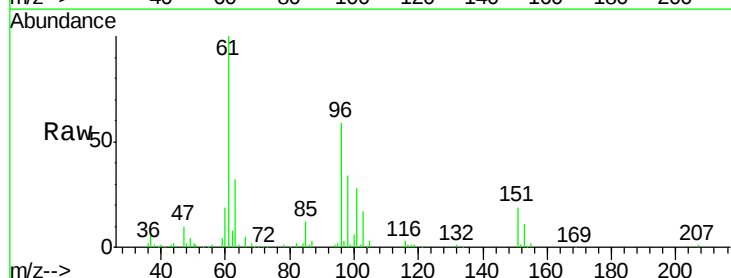
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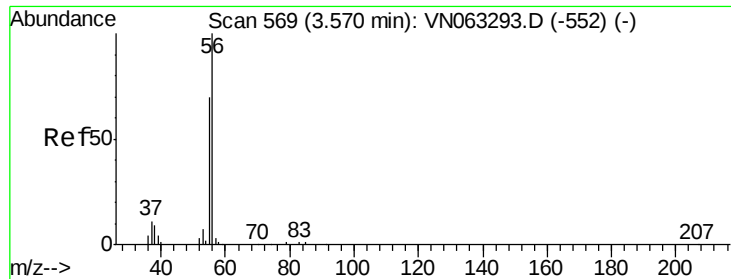


#12

1,1-Dichloroethene
Concen: 20.517 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.9	142.1	213.1
98	58.4	48.8	73.2





#13

Acrolein

Concen: 133.553 ug/l

RT: 3.57 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 43965

Ion Ratio Lower Upper

56 100

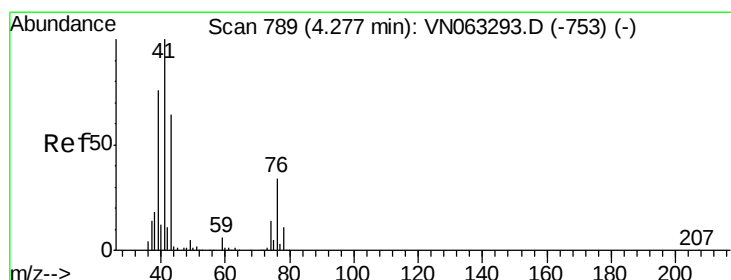
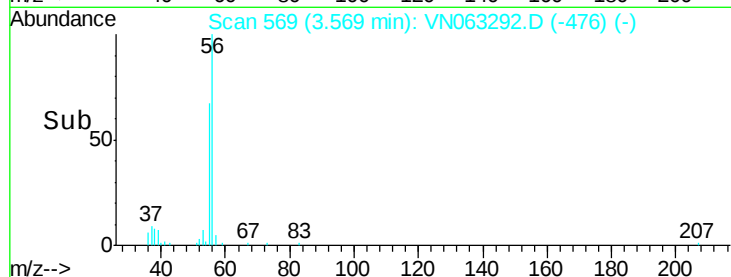
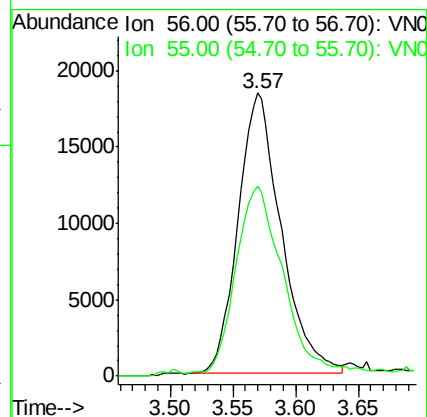
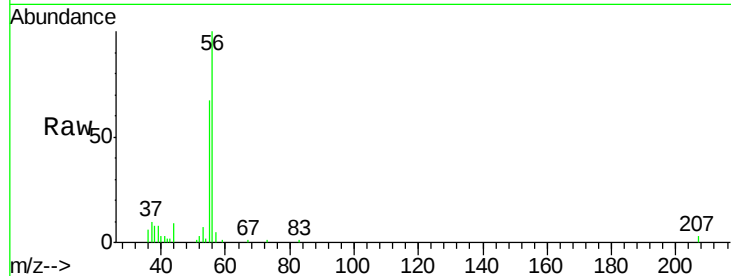
55 73.4 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 22.391 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

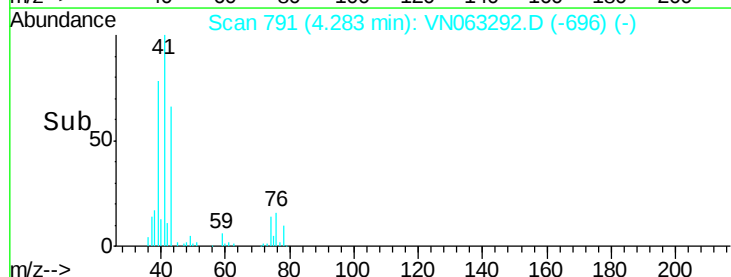
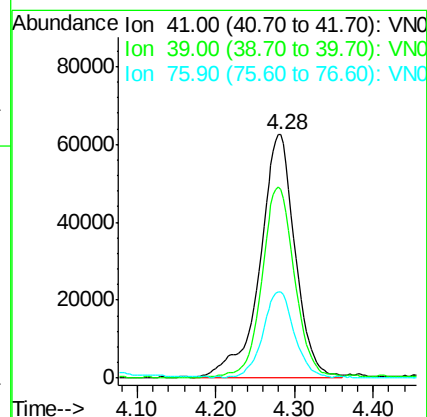
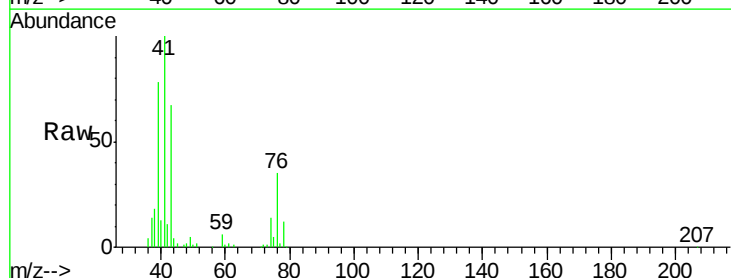
Tgt Ion: 41 Resp: 195125

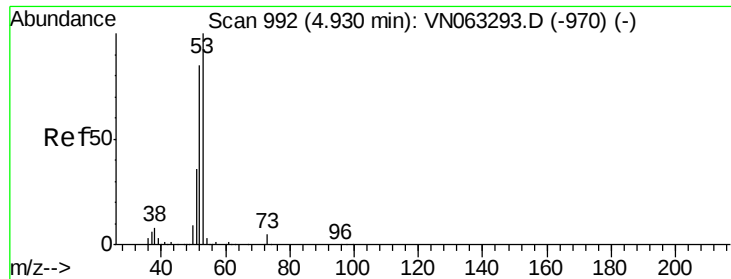
Ion Ratio Lower Upper

41 100

39 74.4 57.4 86.2

76 31.2 25.7 38.5





#15

Acrylonitrile

Concen: 113.754 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

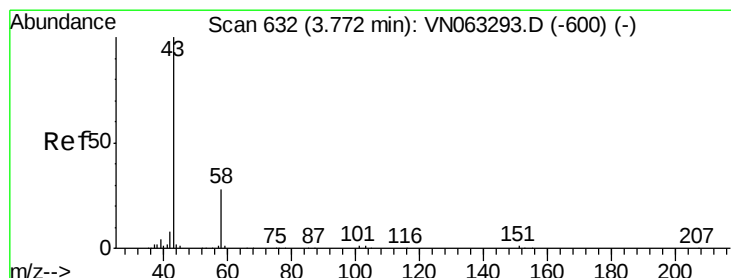
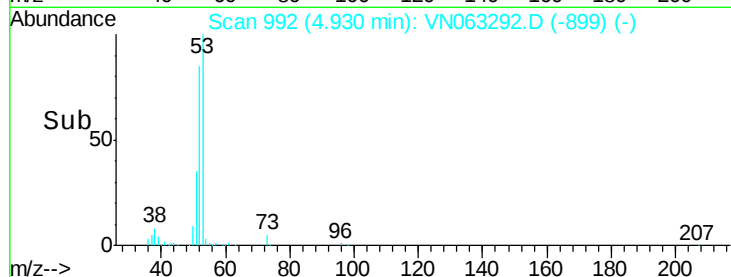
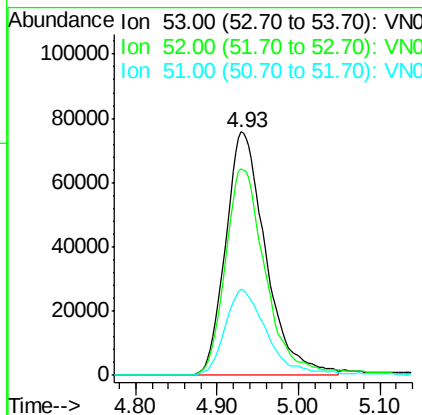
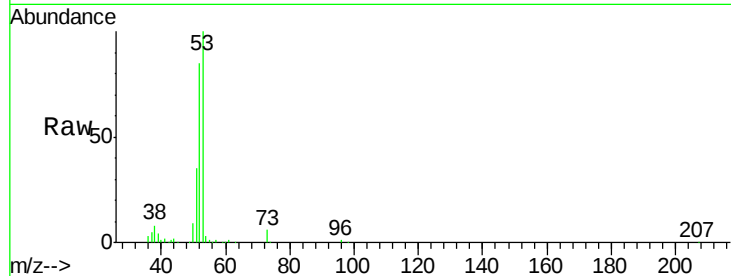
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	260177
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.5	99.7
51	35.9	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 122.060 ug/l

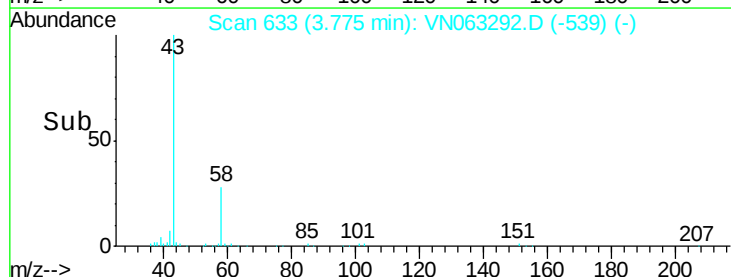
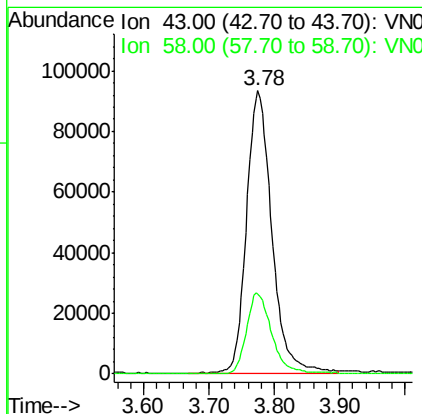
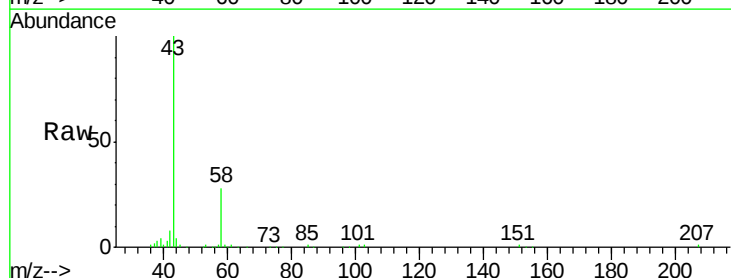
RT: 3.78 min Scan# 633

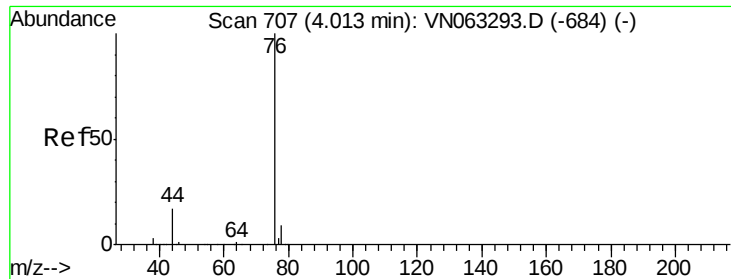
Delta R.T. 0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Tgt Ion:	43	Resp:	254677
Ion Ratio		Lower	Upper
43	100		
58	28.3	22.6	34.0





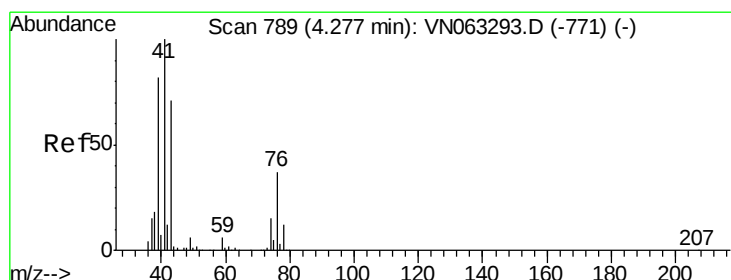
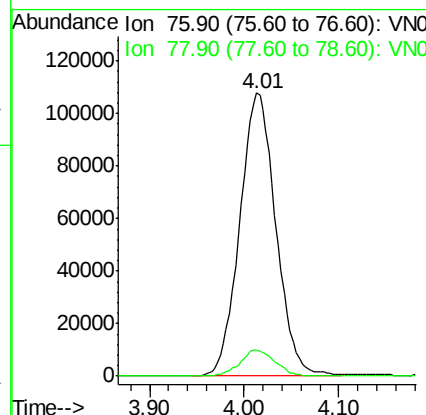
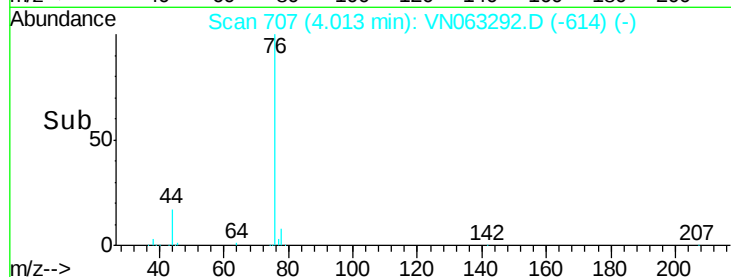
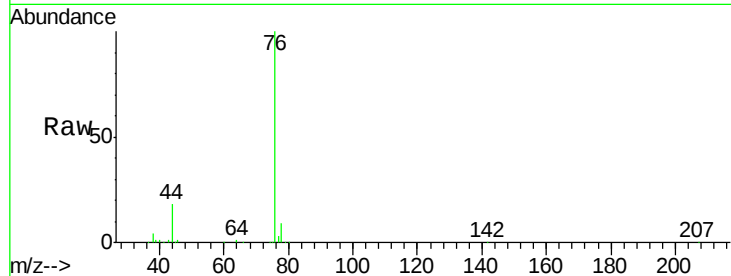
#17
Carbon Disulfide
Concen: 19.780 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

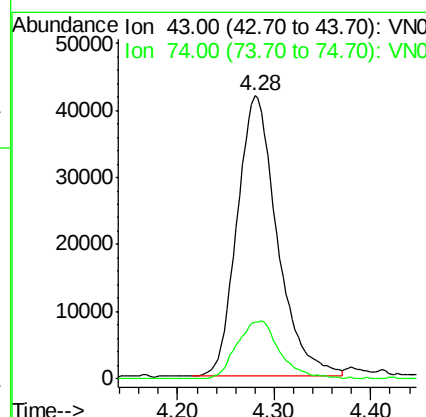
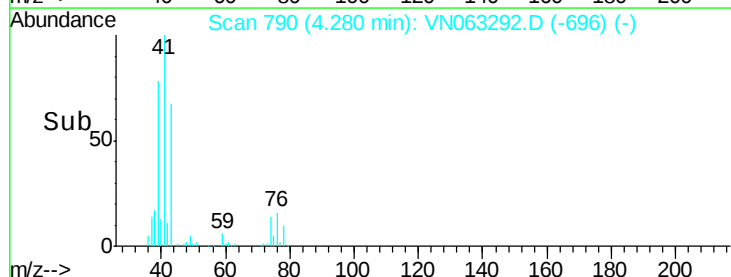
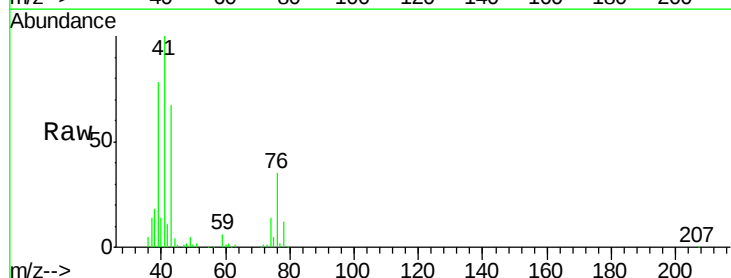
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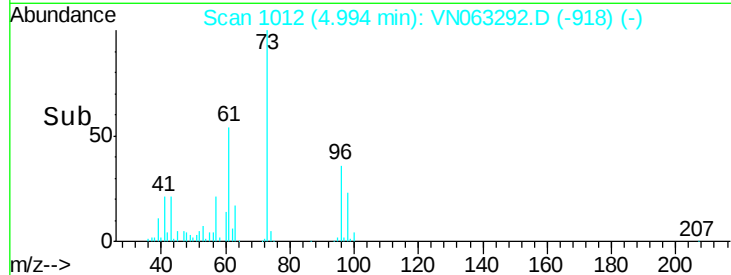
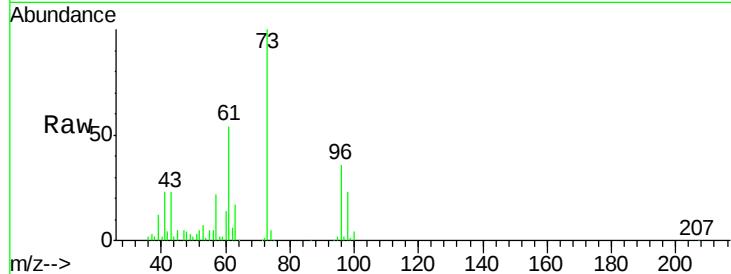
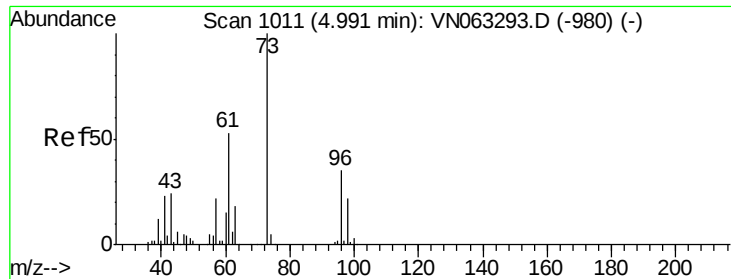
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#18
Methyl Acetate
Concen: 22.738 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.8	26.6





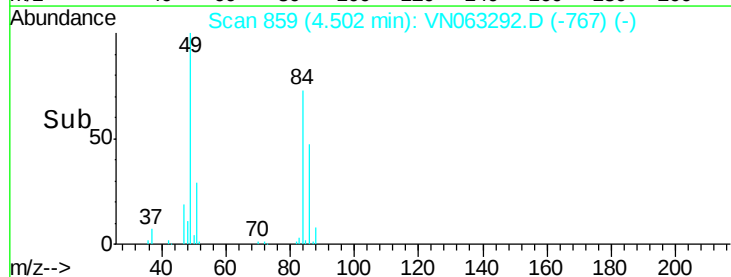
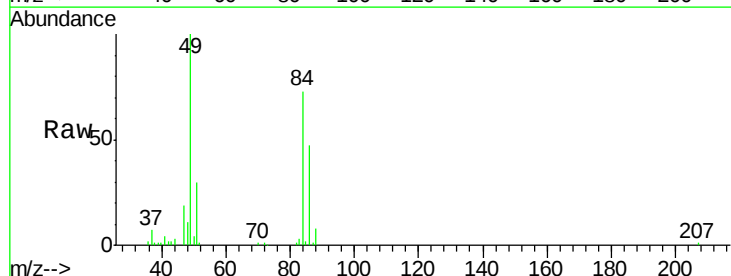
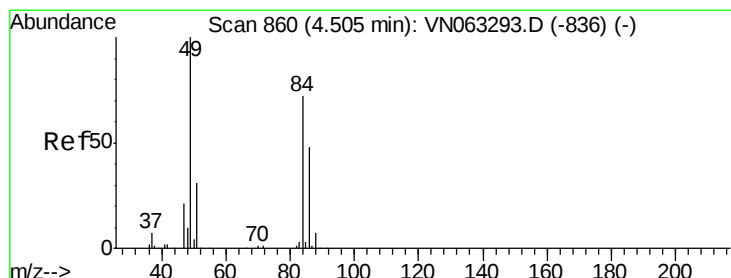
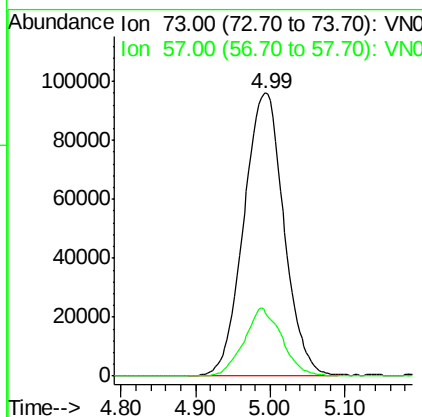
#19
Methvl tert-butvl Ether
Concen: 20.166 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tot Ion: 73 Resp: 359529
Ion Ratio Lower Upper
73 100
57 22.3 17.5 26.3

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

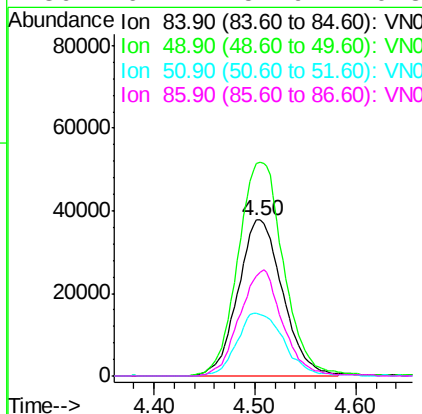
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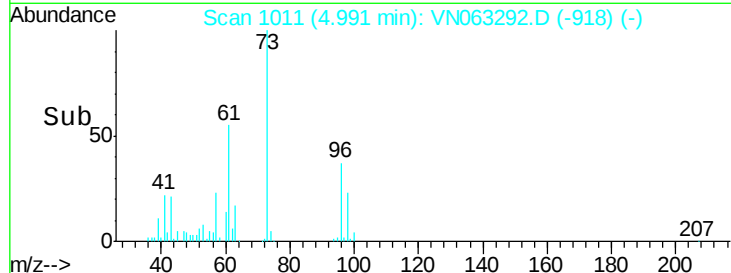
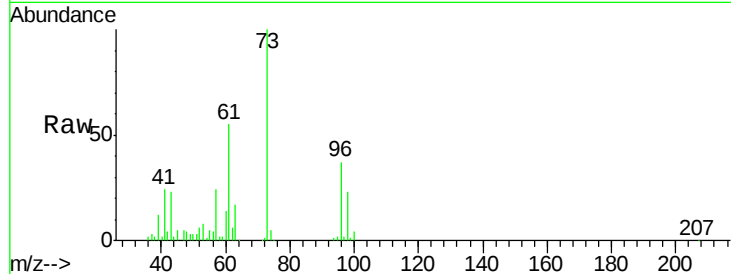
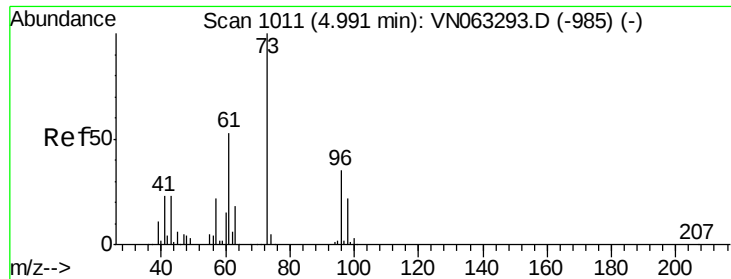
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#20
Methylene Chloride
Concen: 18.753 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion: 84 Resp: 116200
Ion Ratio Lower Upper
84 100
49 136.2 111.1 166.7
51 40.3 34.3 51.5
86 64.4 52.9 79.3





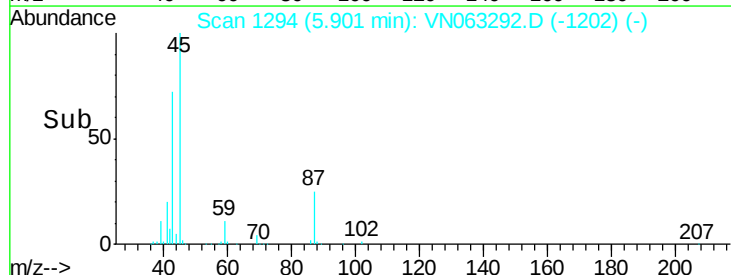
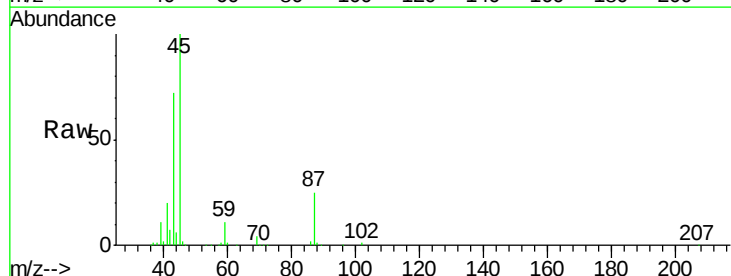
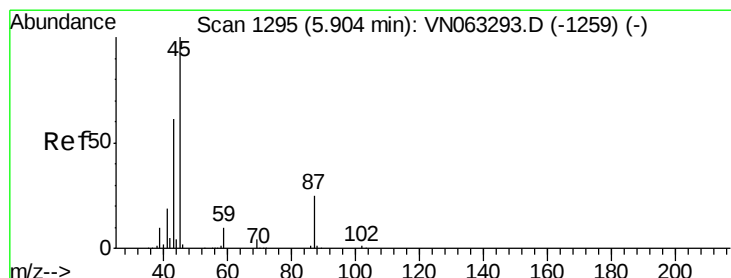
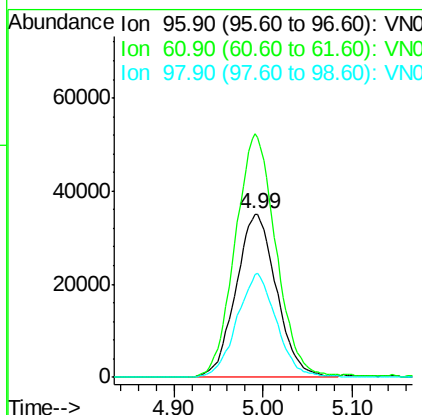
#21
trans-1,2-Dichloroethene
Concen: 20.934 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.4	121.8	182.8
98	62.9	51.2	76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

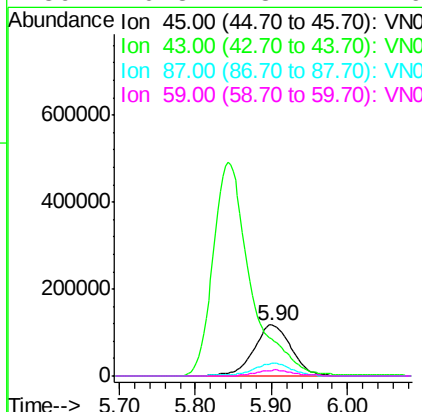
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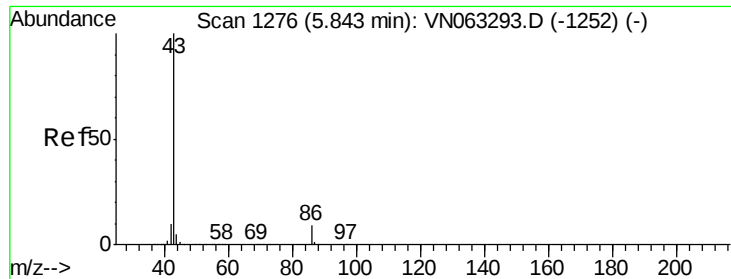
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#22
Diisopropyl ether
Concen: 20.875 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.0	50.3	75.5
87	24.5	20.7	31.1
59	10.8	8.4	12.6





#23

Vinyl Acetate

Concen: 109.416 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 1681650

Ion Ratio Lower Upper

43 100

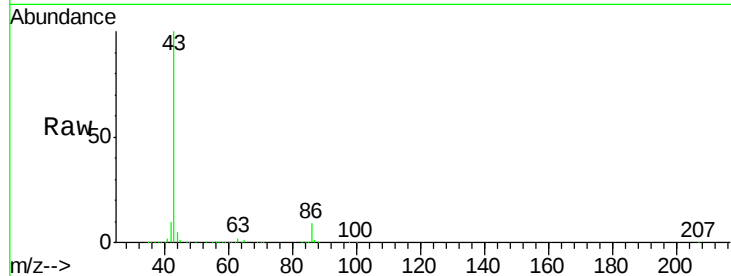
86 9.1 7.2 10.8

Manual Integrations

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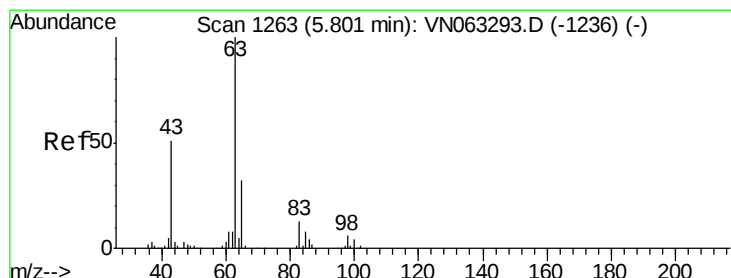
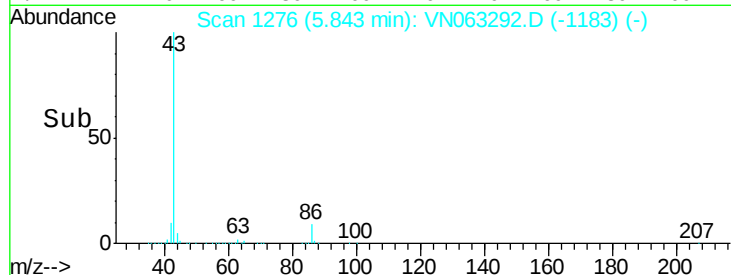
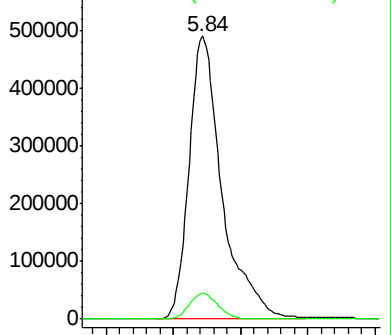
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.793 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

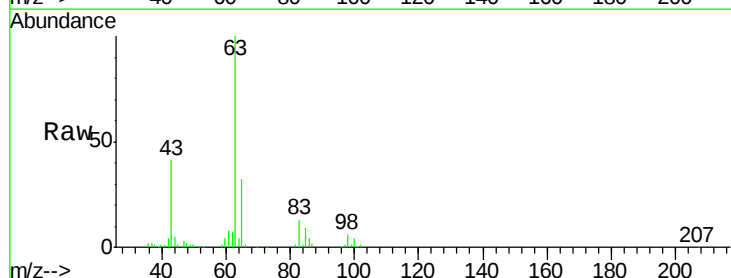
Tgt Ion: 63 Resp: 220459

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

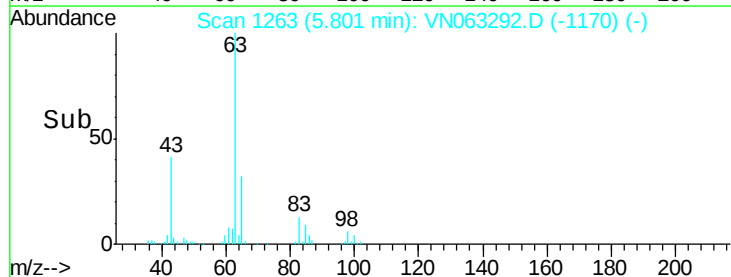
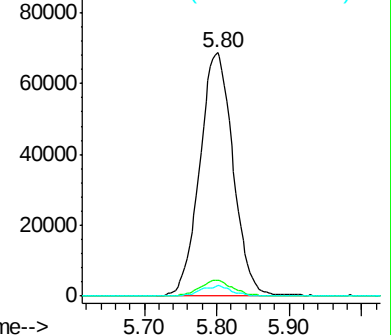
100 4.1 2.0 6.0

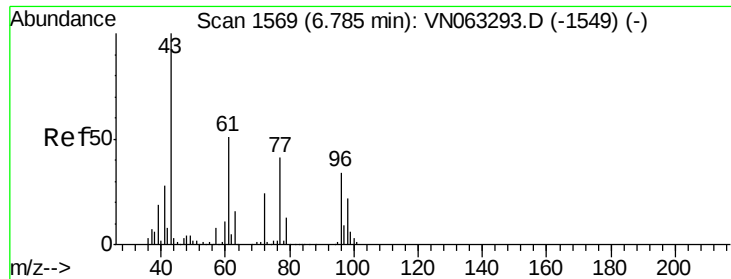


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 118.099 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 378780

Ion Ratio Lower Upper

43 100

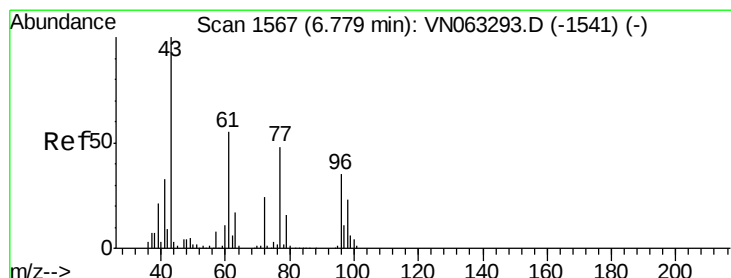
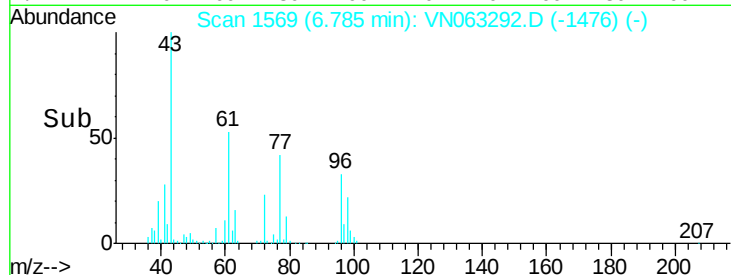
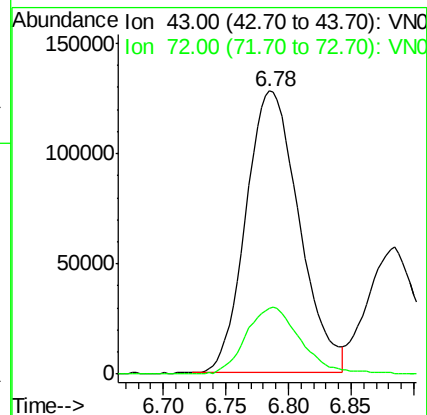
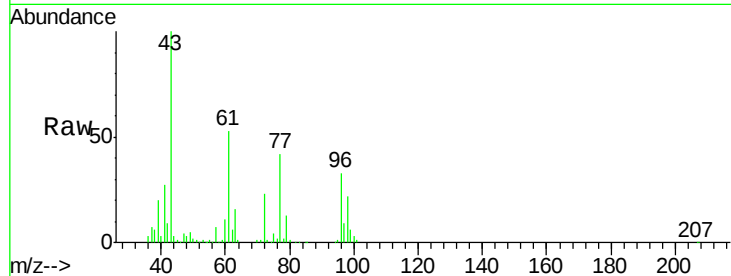
72 23.4 19.4 29.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.617 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063292.D

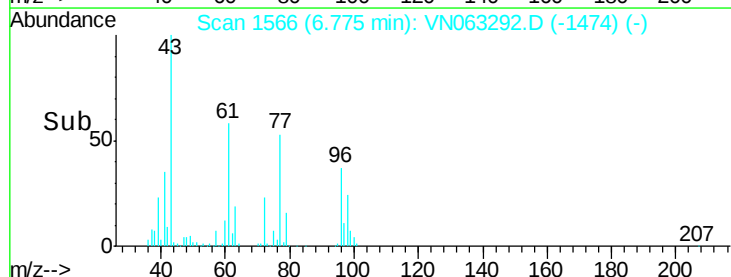
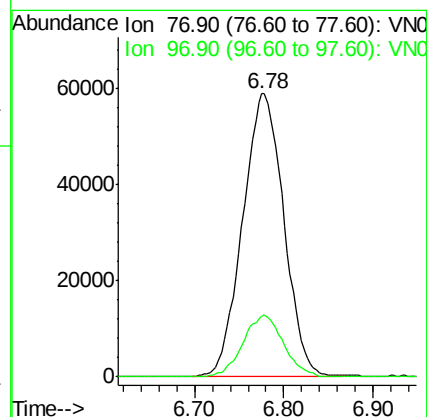
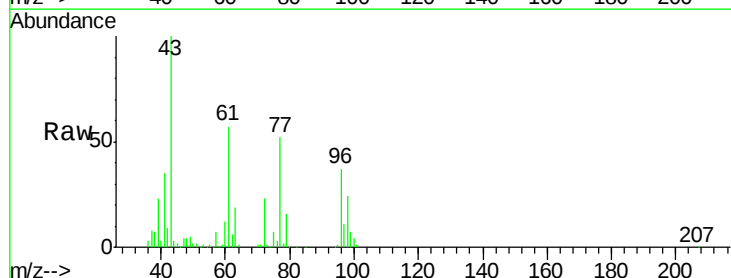
Acq: 10 Sep 2020 13:32

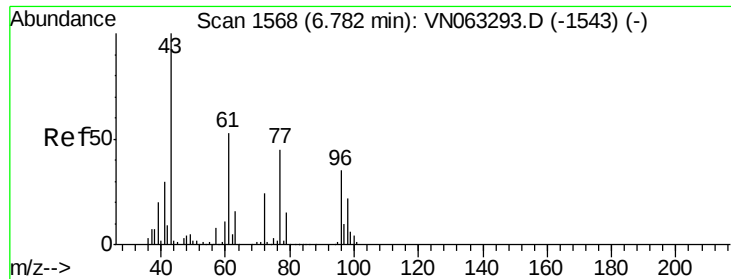
Tgt Ion: 77 Resp: 188782

Ion Ratio Lower Upper

77 100

97 21.4 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 19.646 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

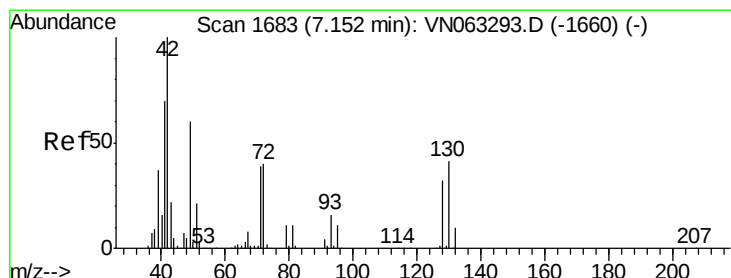
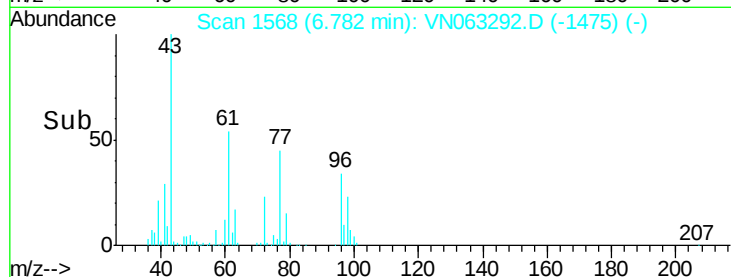
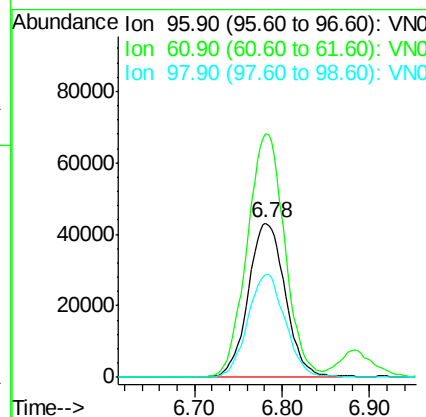
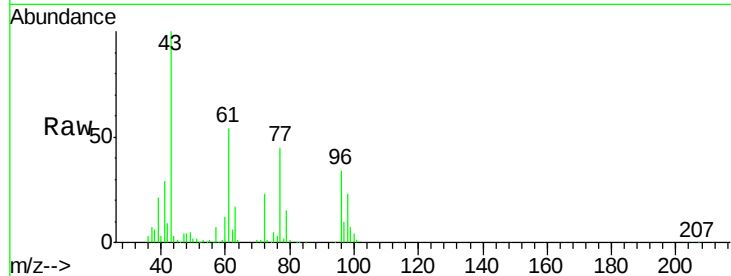
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	126842
Ion	Ratio	Lower	Upper
96	100		
61	160.2	0.0	322.8
98	67.3	0.0	132.2

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#28

Bromochloromethane

Concen: 18.481 ug/l

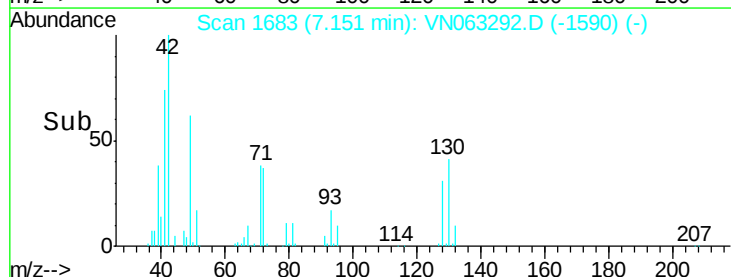
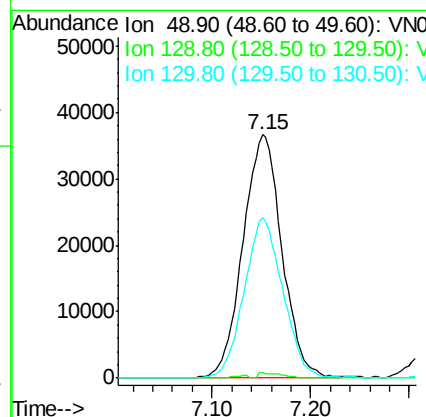
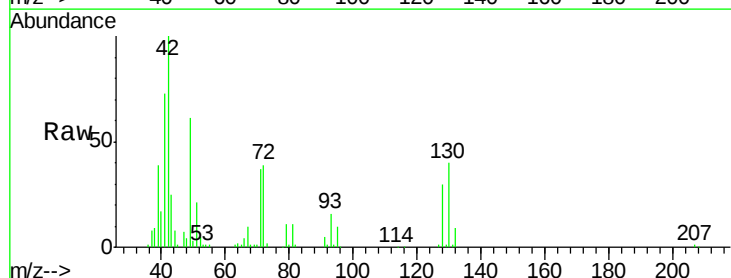
RT: 7.15 min Scan# 1683

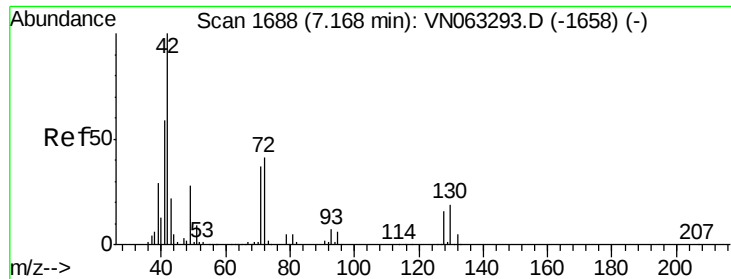
Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Tgt Ion:	49	Resp:	100319
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	65.3	53.1	79.7





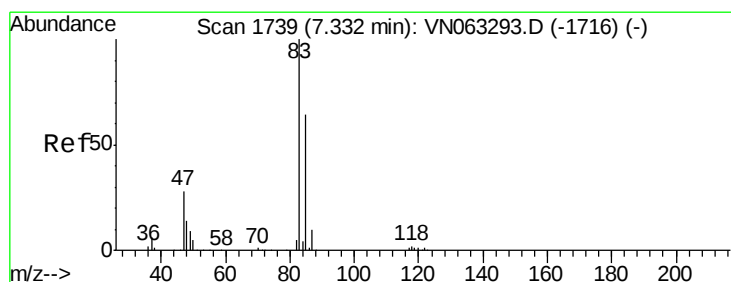
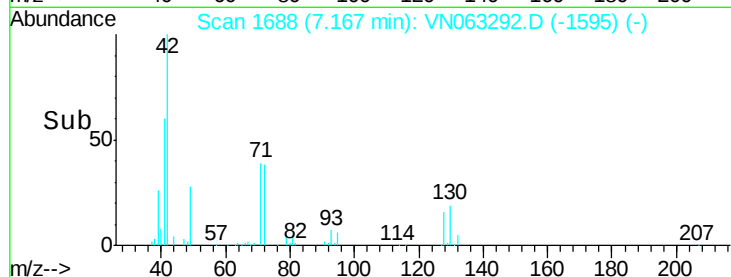
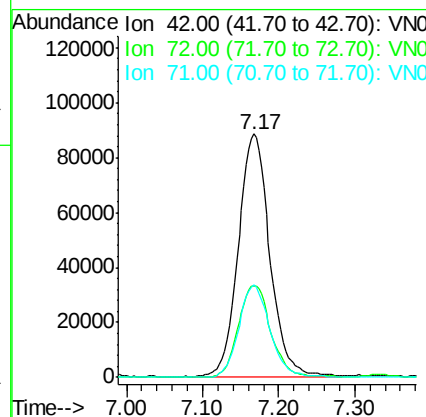
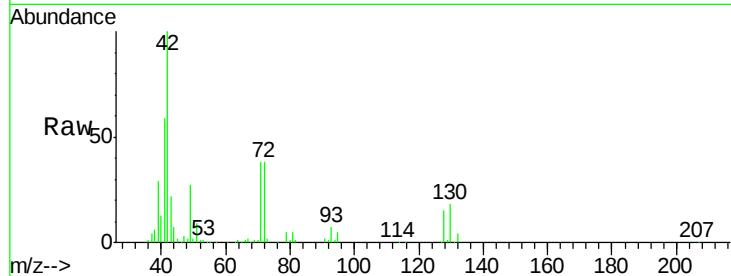
#29
Tetrahydrofuran
Concen: 114.840 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	31.4	47.2
71	37.4	30.0	45.0

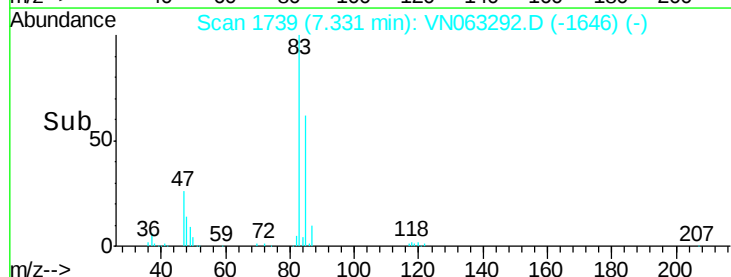
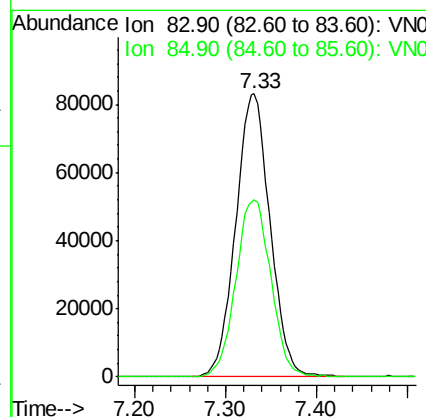
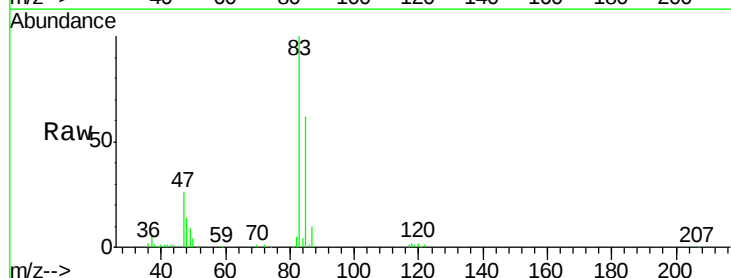
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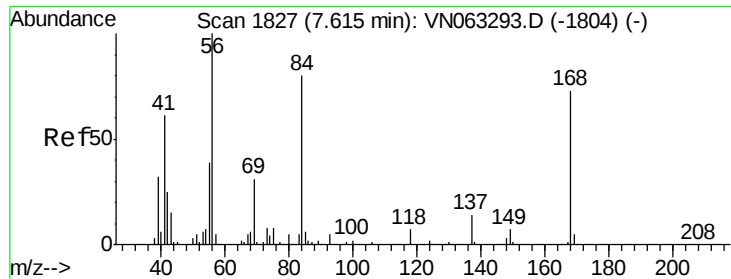
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#30
Chloroform
Concen: 19.731 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.2	76.8





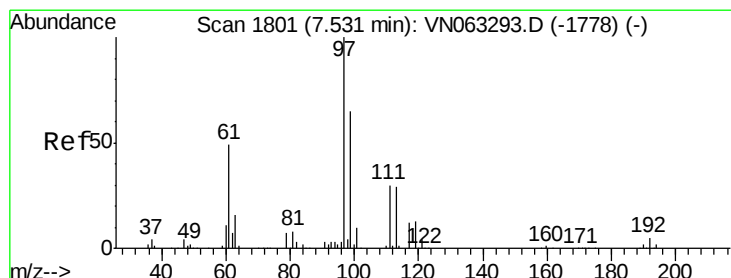
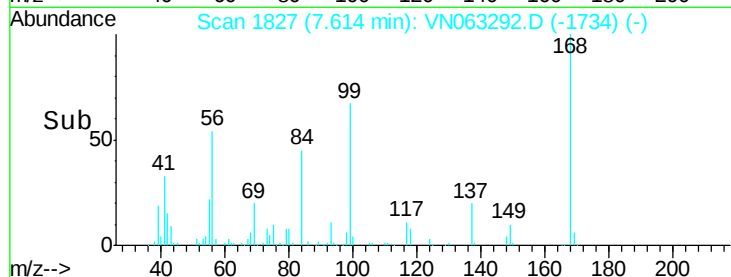
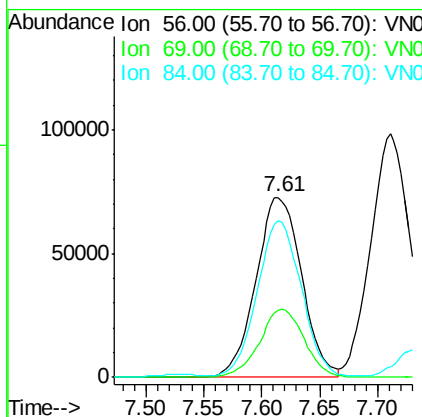
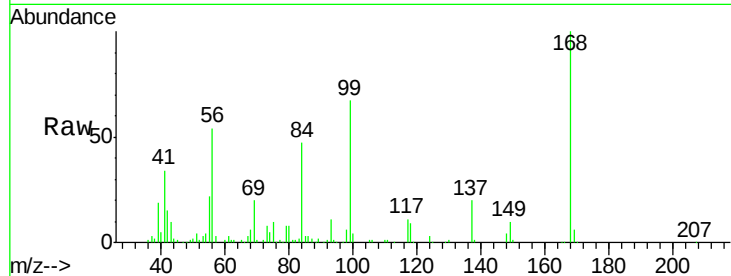
#31
Cyclohexane
Concen: 20.004 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
56	100	199339		
69	37.3		25.1	37.7
84	85.8		64.2	96.2

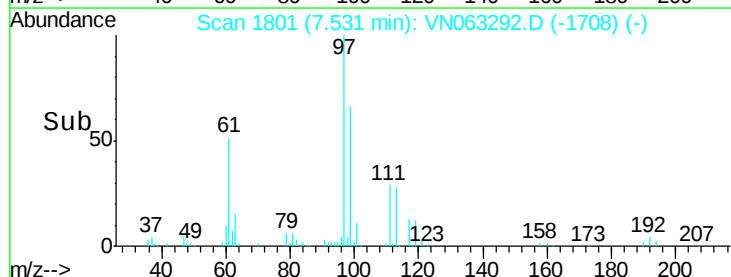
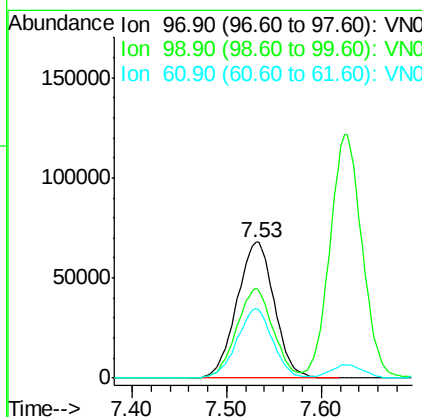
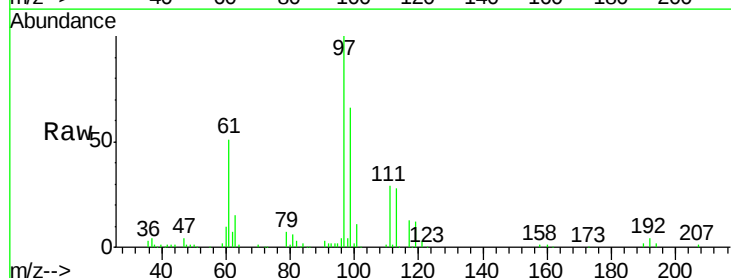
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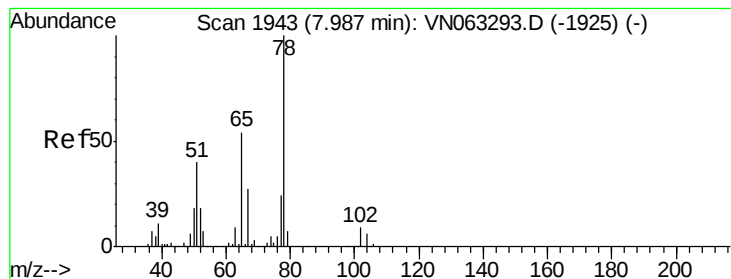
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#32
1,1,1-Trichloroethane
Concen: 19.653 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	186574		
99	63.9		51.4	77.2
61	48.6		38.9	58.3





#33

1,2-Dichloroethane-d4

Concen: 18.985 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 135641

Ion Ratio Lower Upper

65 100

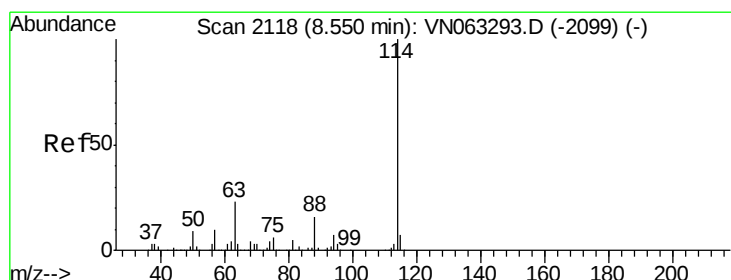
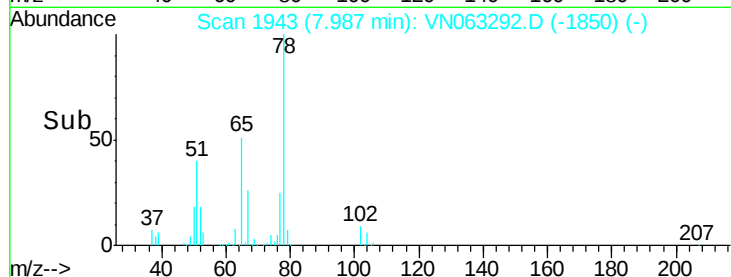
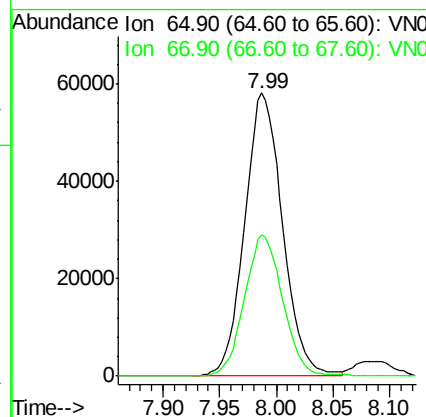
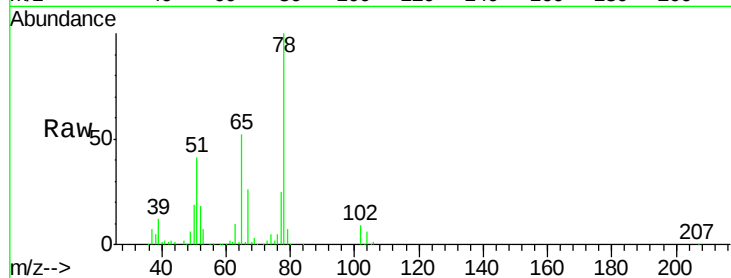
67 50.2 0.0 104.6

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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: VN063292.D

Acq: 10 Sep 2020 13:32

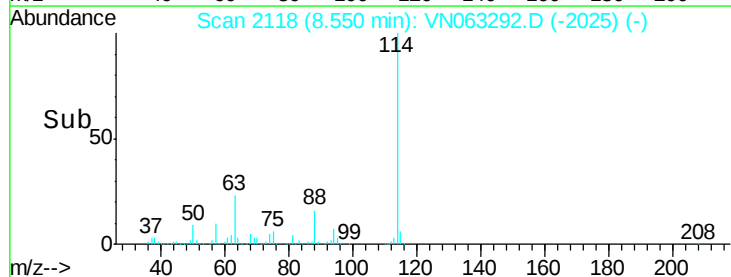
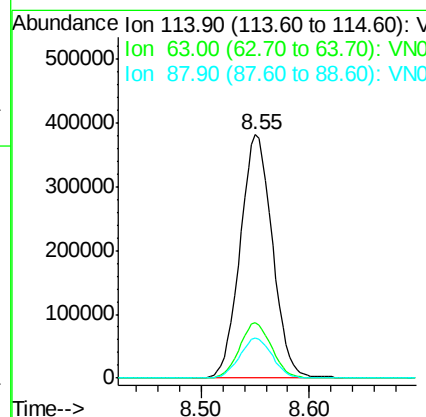
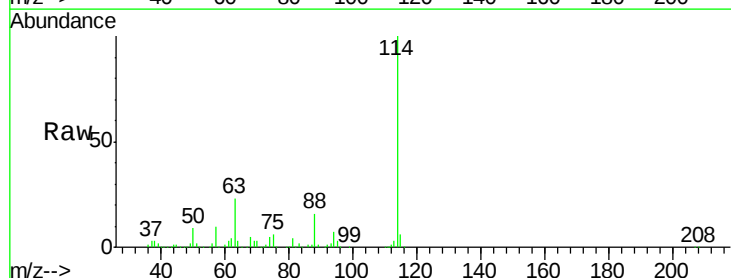
Tgt Ion: 114 Resp: 794347

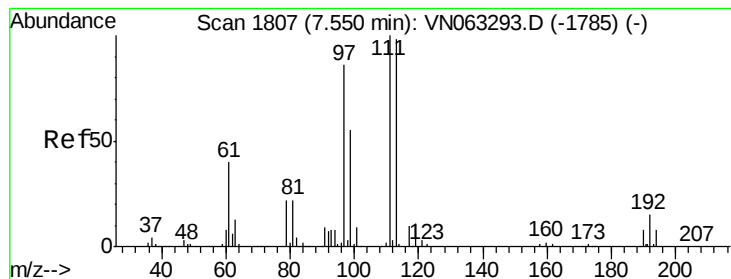
Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.0

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 18.996 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion:113 Resp: 95974

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.2

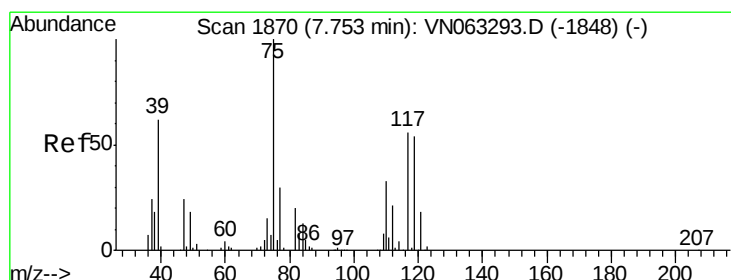
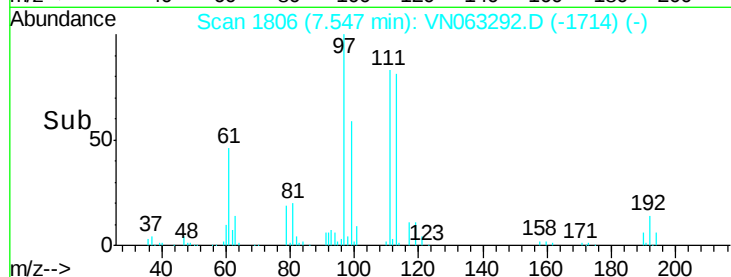
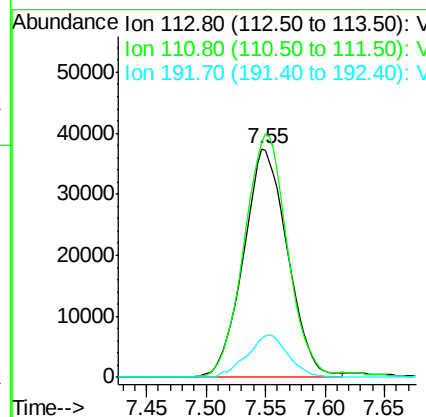
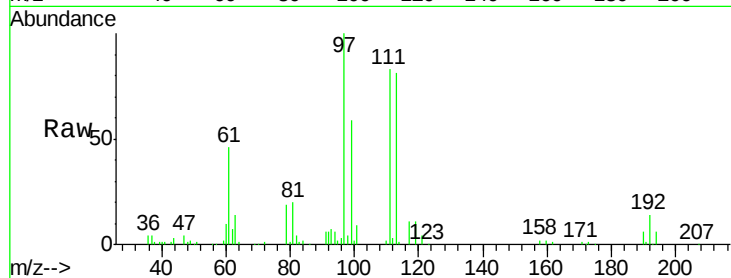
192 17.4 12.9 19.3

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#36

1,1-Dichloropropene

Concen: 21.226 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

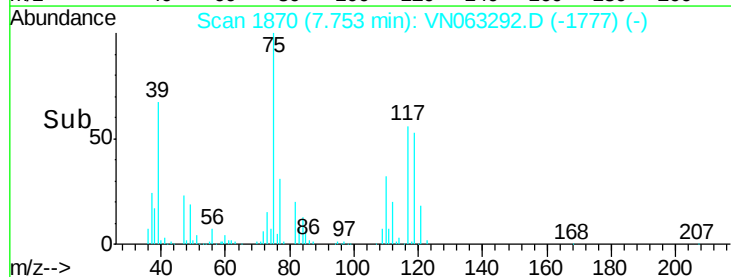
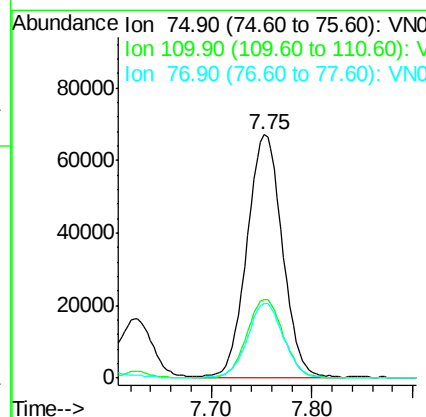
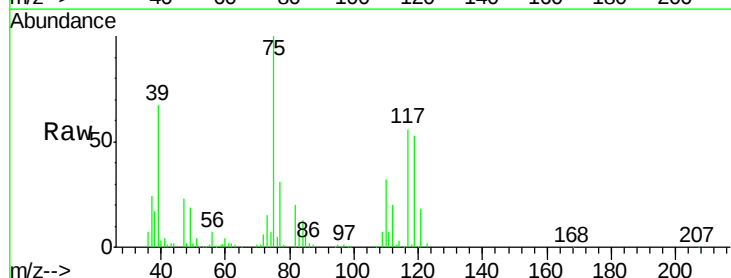
Tgt Ion: 75 Resp: 162202

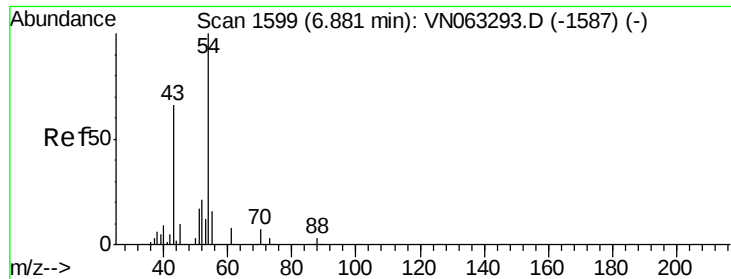
Ion Ratio Lower Upper

75 100

110 33.8 16.4 49.4

77 31.7 24.8 37.2





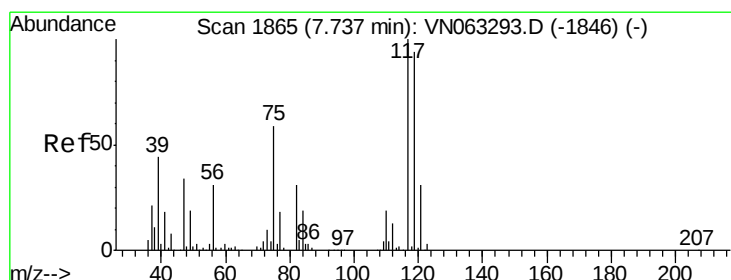
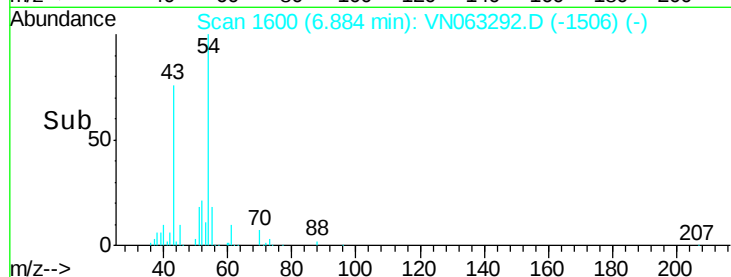
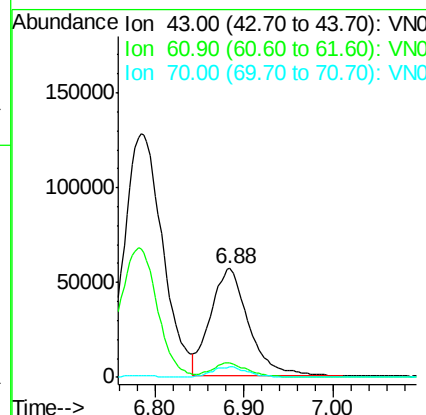
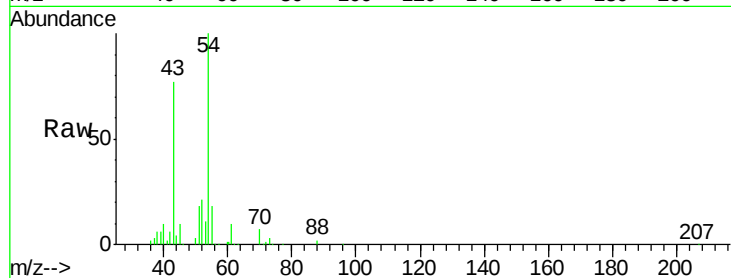
#37
Ethyl Acetate
Concen: 25.739 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	10.1	15.1
70	9.1	7.4	11.2

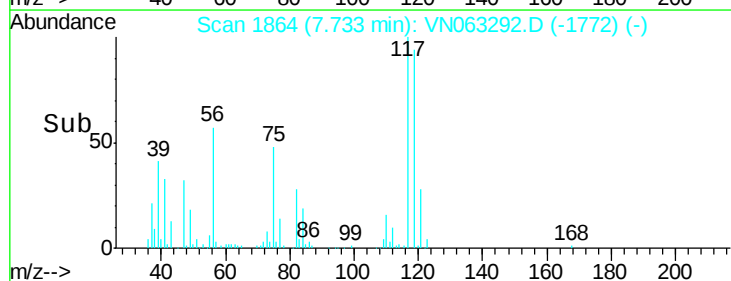
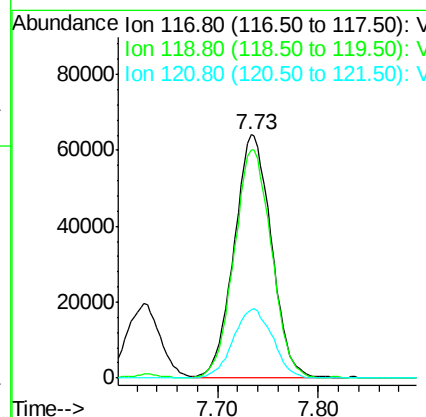
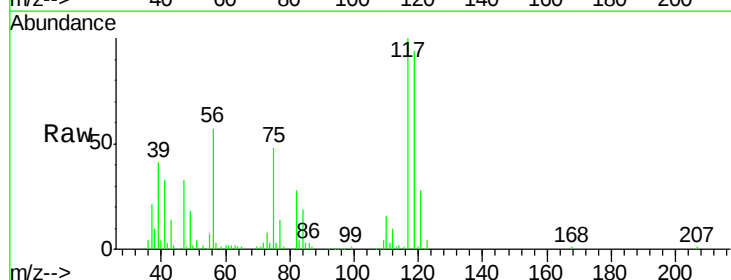
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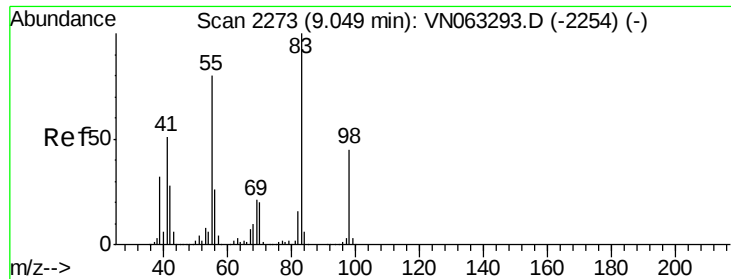
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#38
Carbon Tetrachloride
Concen: 21.172 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.3	112.9
121	28.1	24.6	37.0





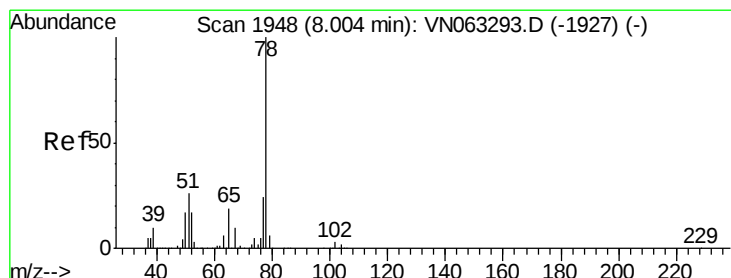
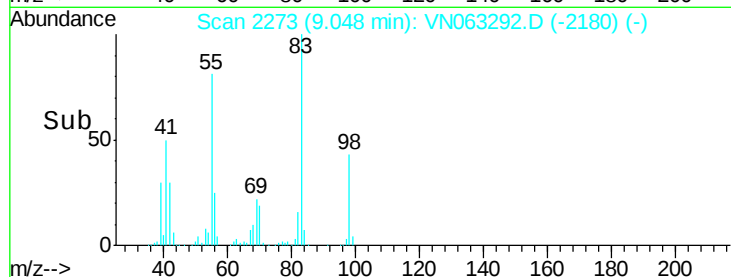
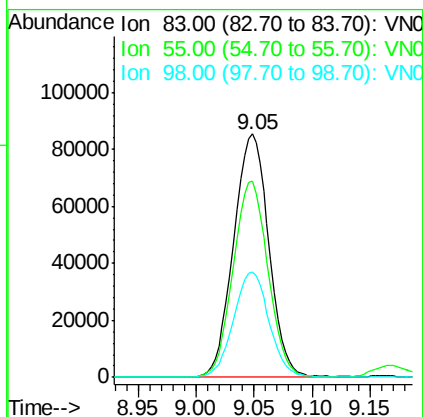
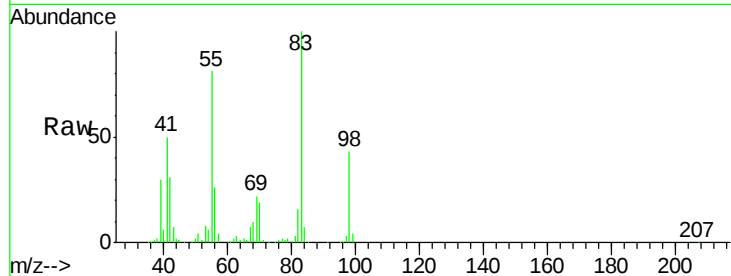
#39
Methylcyclohexane
Concen: 21.049 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	64.0	96.0
98	43.3	36.4	54.6

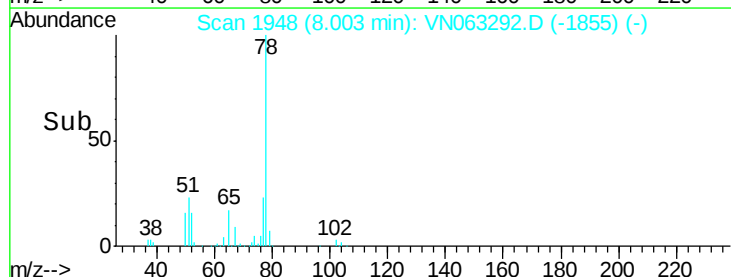
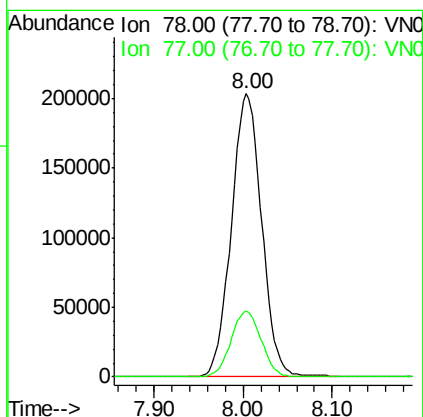
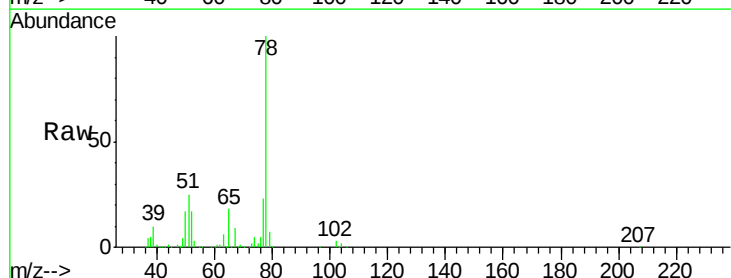
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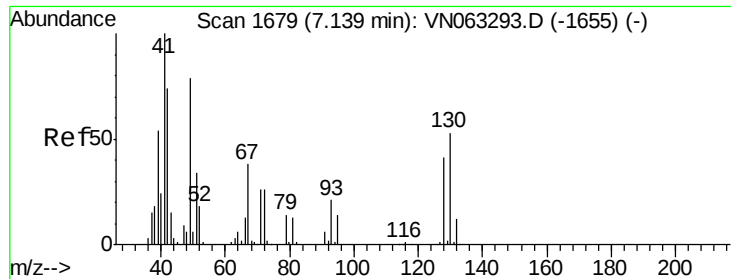
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#40
Benzene
Concen: 21.460 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





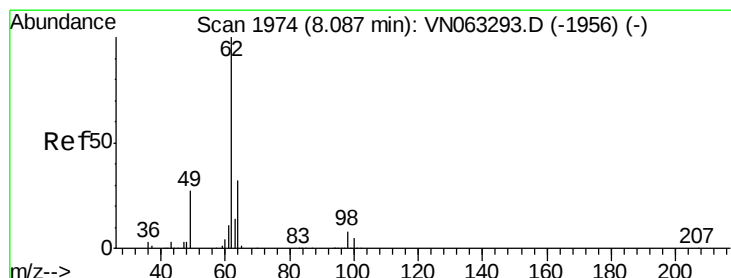
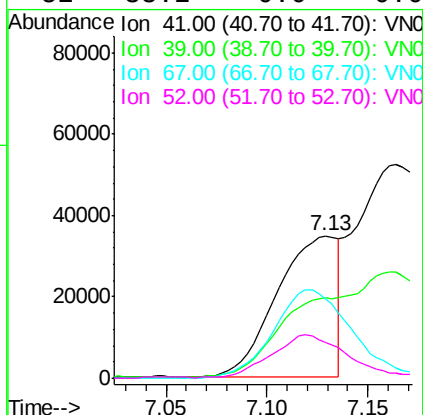
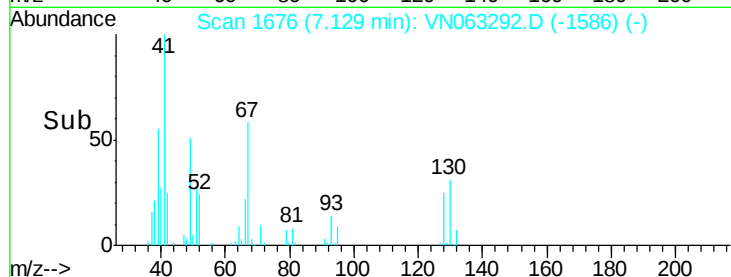
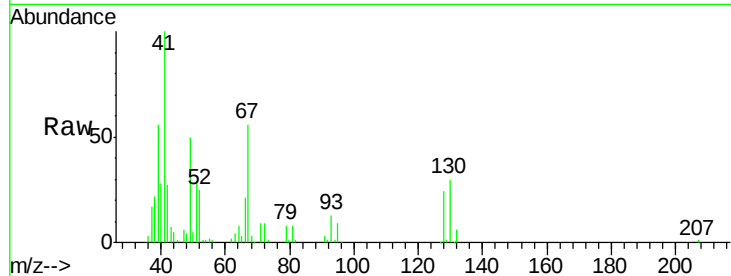
#41
Methacrylonitrile
Concen: 22.019 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		72681		
39	0.0	0.0	0.0		
67	81.5	0.0	0.0#		
52	38.2	0.0	0.0#		

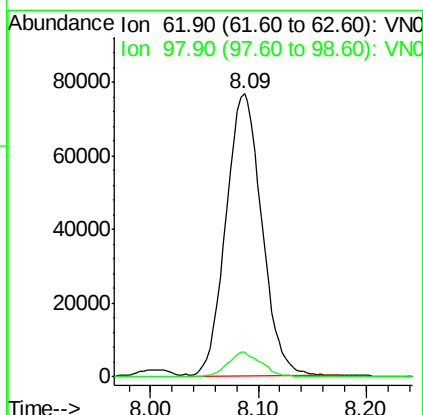
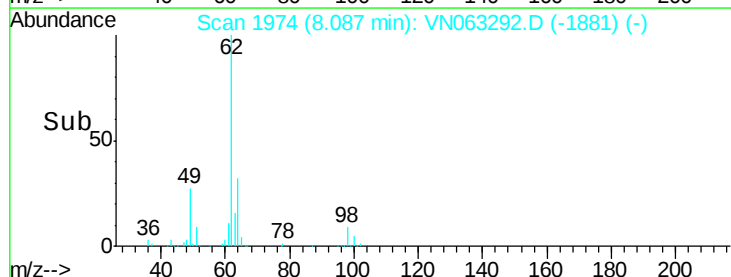
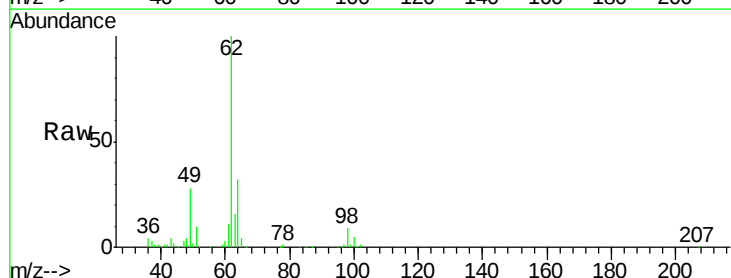
Manual Integrations
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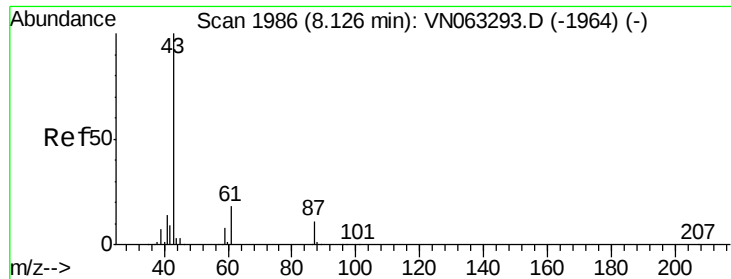
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#42
1,2-Dichloroethane
Concen: 21.264 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		177928		
98	8.3	0.0	15.4		





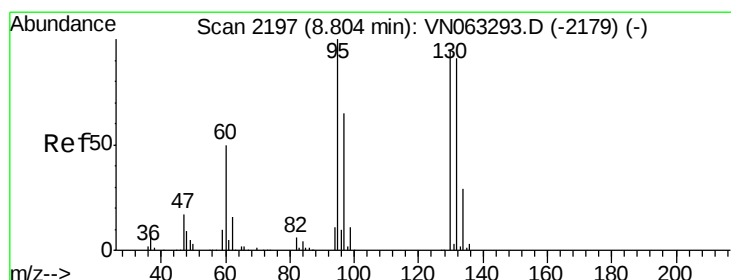
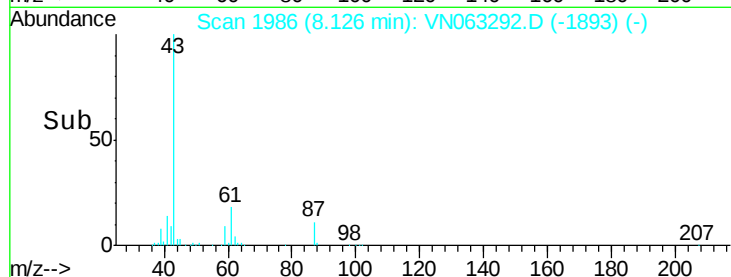
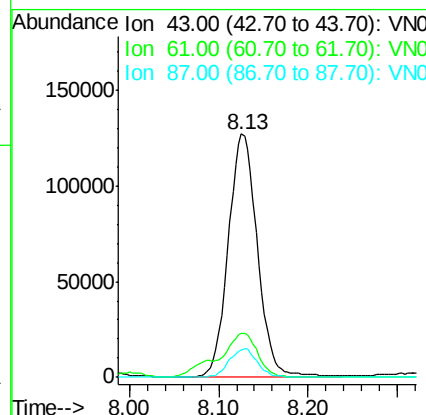
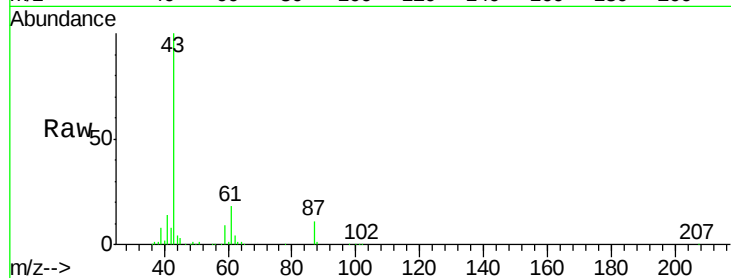
#43
Isopropyl Acetate
Concen: 22.902 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	15.1	22.7
87	11.5	9.2	13.8

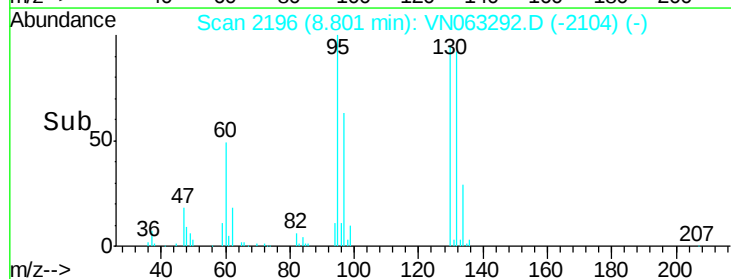
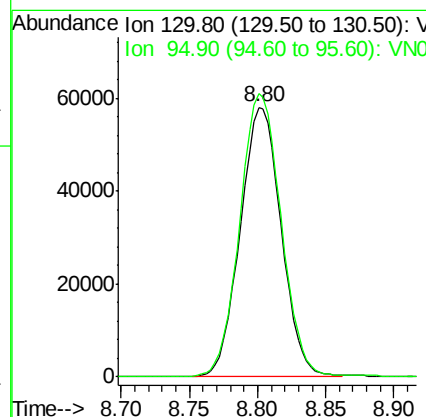
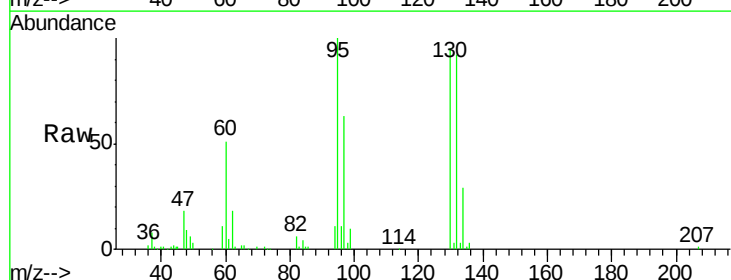
Manual Integrations
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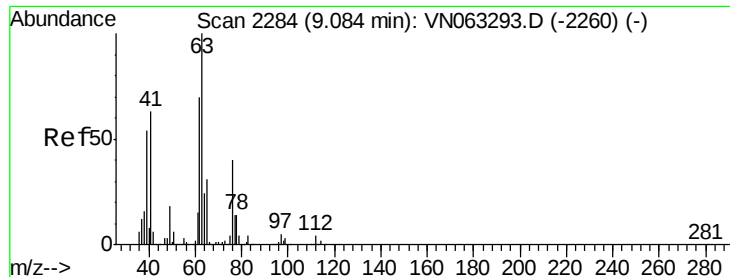
MMDadoda
9/11/2020 2:02:23 PM



#44
Trichloroethene
Concen: 22.060 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.0	0.0	210.8





#45

1,2-Dichloropropane

Concen: 22.234 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 132425

Ion Ratio Lower Upper

63 100

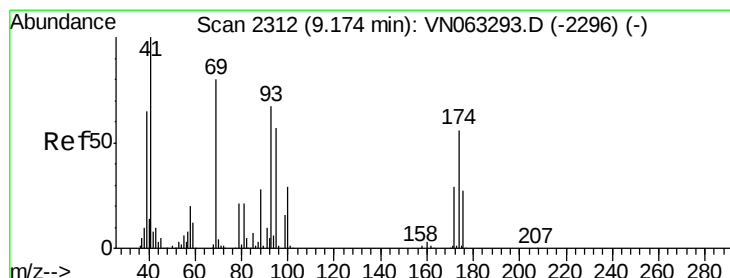
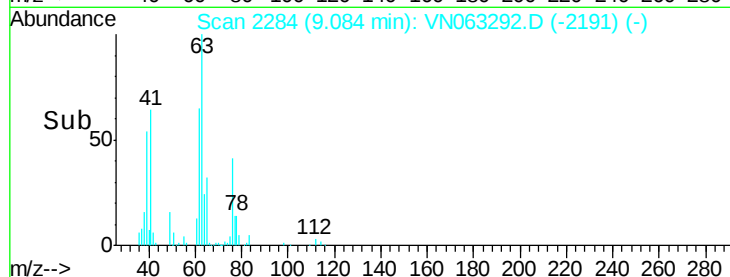
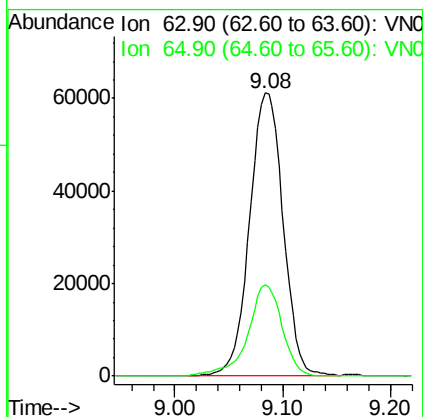
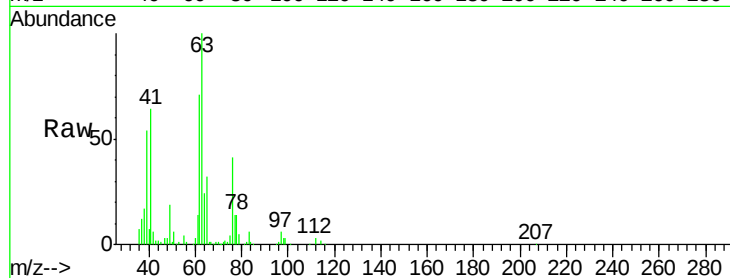
65 32.3 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 21.151 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

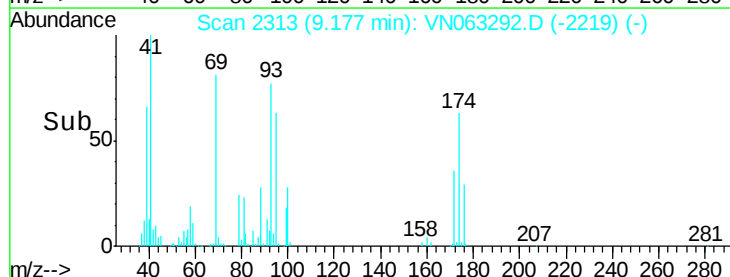
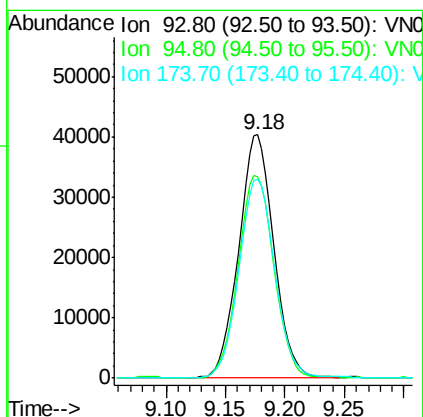
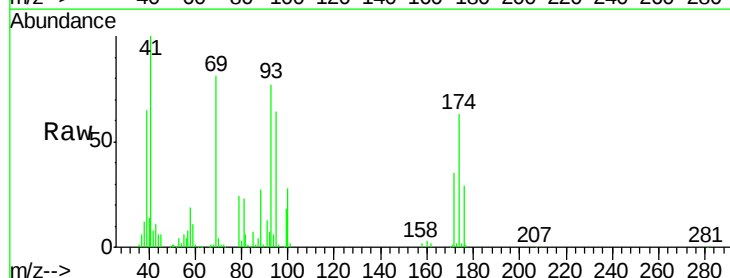
Tgt Ion: 93 Resp: 82499

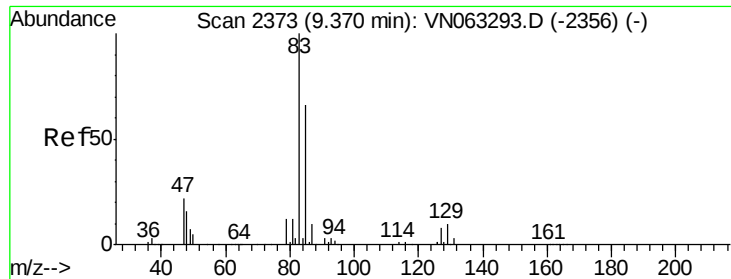
Ion Ratio Lower Upper

93 100

95 84.7 67.9 101.9

174 83.6 66.9 100.3





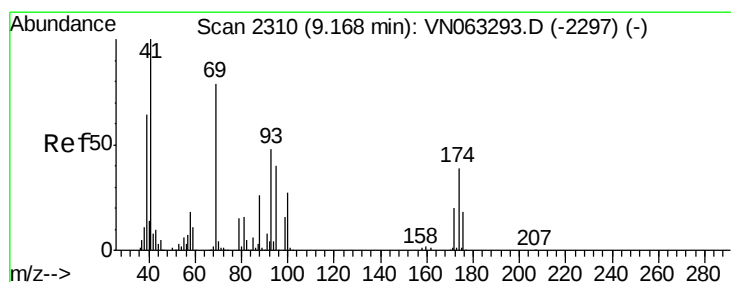
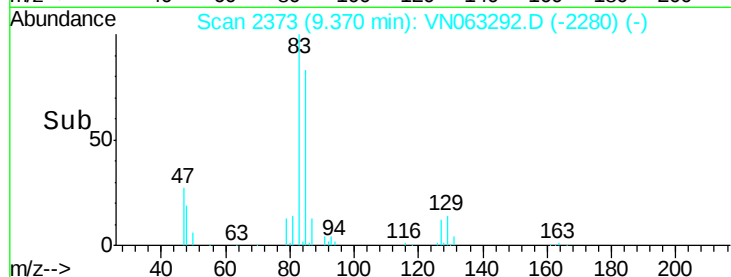
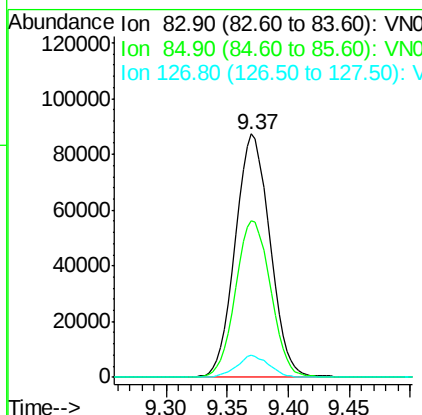
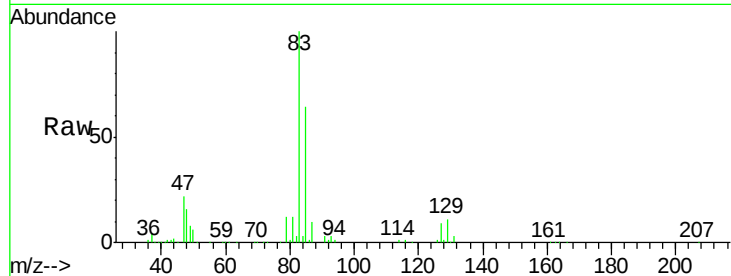
#47
Bromodichloromethane
Concen: 20.698 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7
127	8.9	6.6	10.0

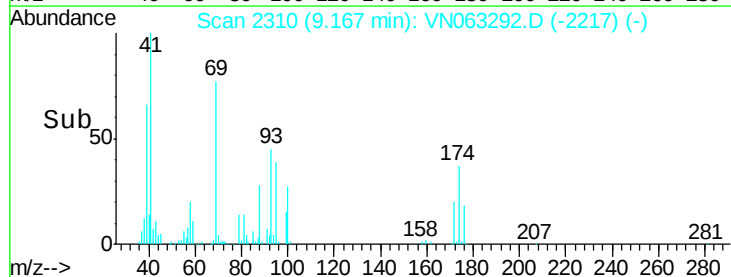
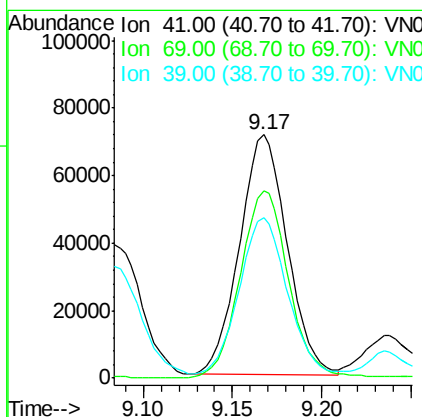
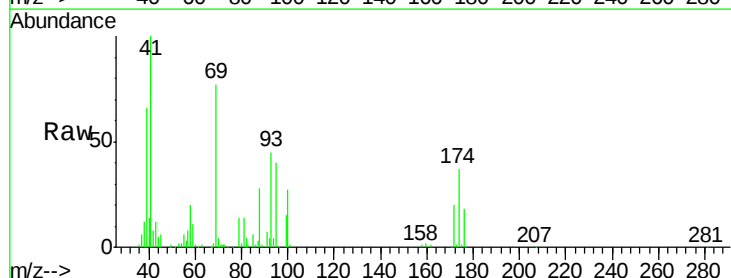
Manual Integrations
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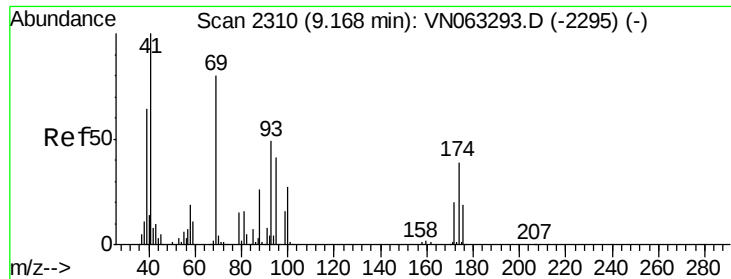
MMDadoda
9/11/2020 2:02:23 PM



#48
Methyl methacrylate
Concen: 23.621 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.6	63.6	95.4
39	68.3	53.2	79.8





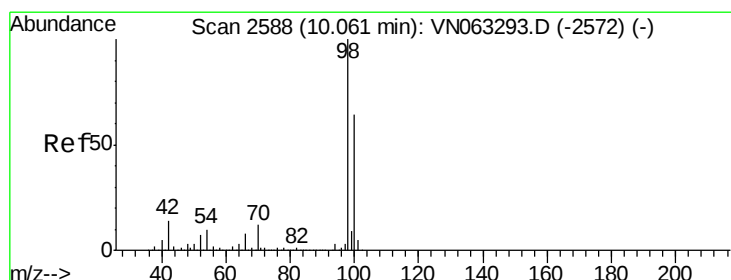
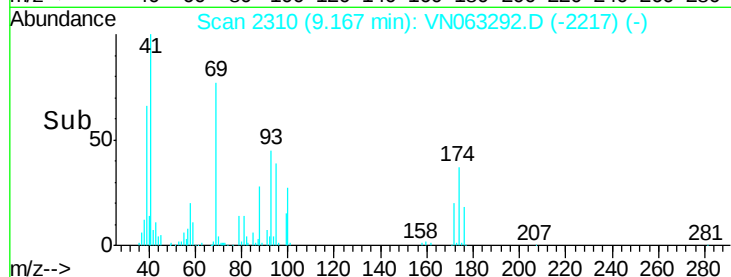
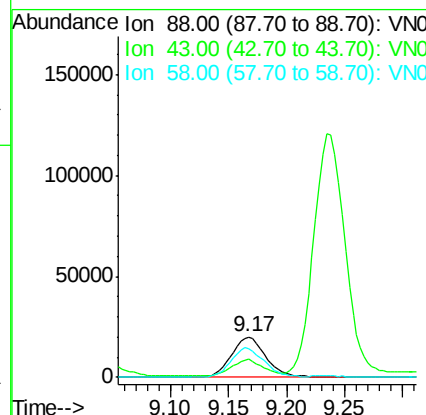
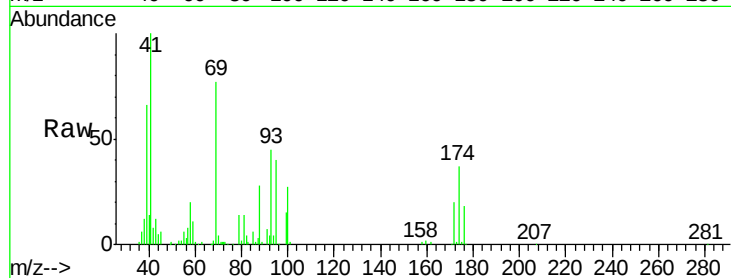
#49
1,4-Dioxane
Concen: 472.995 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	30.5	45.7
58	71.2	58.9	88.3

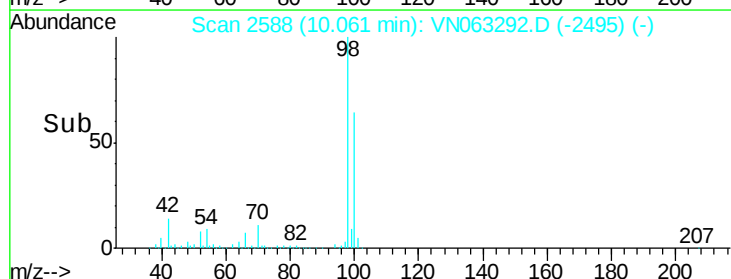
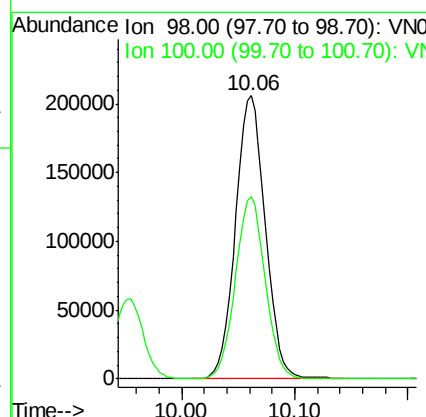
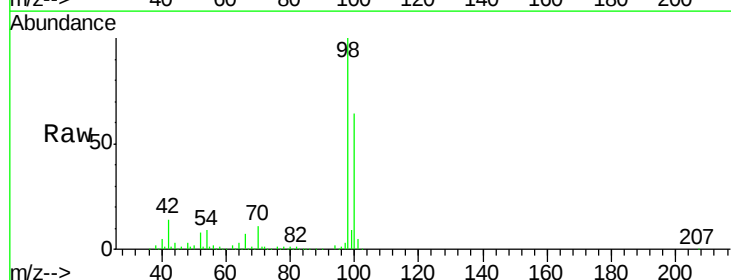
Manual Integrations
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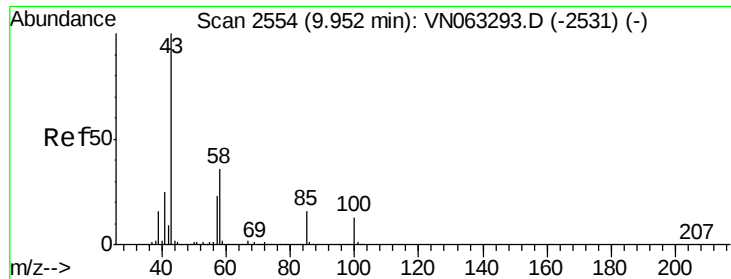
MMDadoda
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#50
Toluene-d8
Concen: 19.404 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 121.317 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 821394

Ion Ratio Lower Upper

43 100

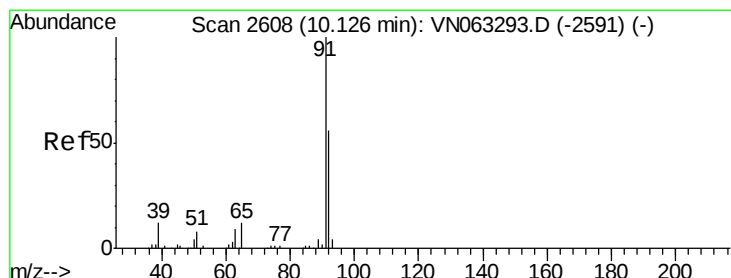
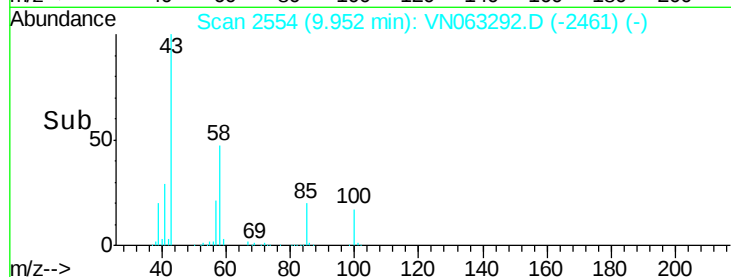
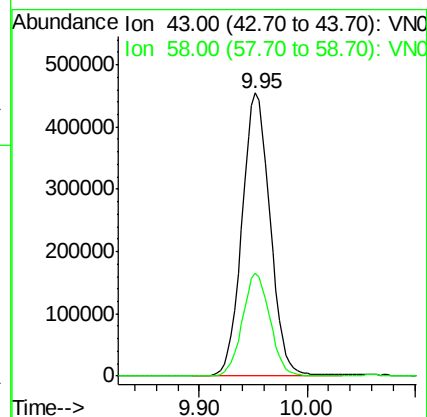
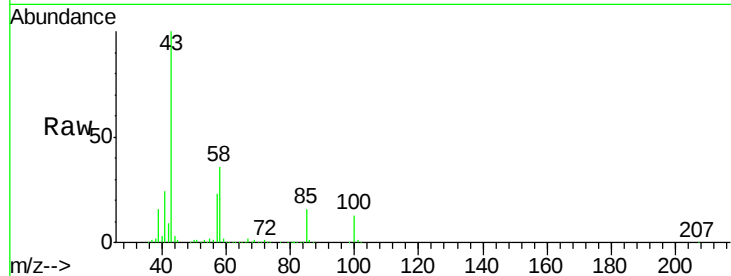
58 35.9 29.0 43.4

Manual Integrations

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#52

Toluene

Concen: 20.873 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063292.D

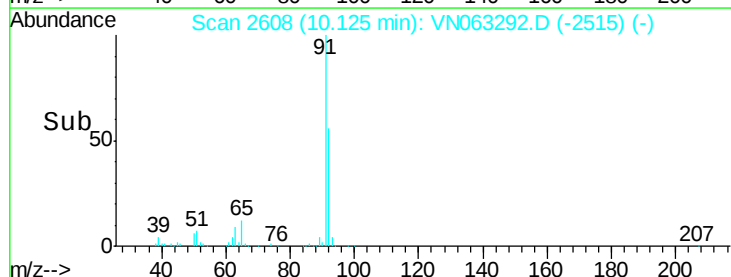
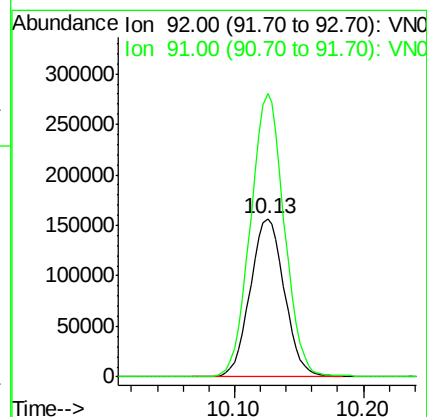
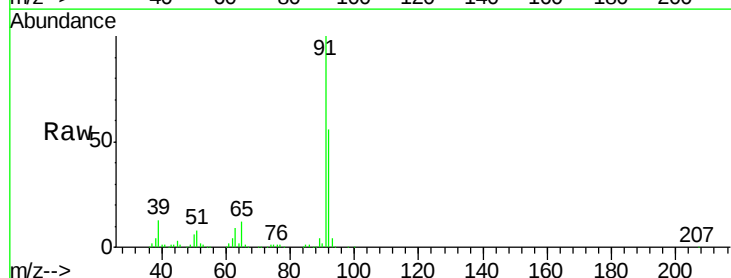
Acq: 10 Sep 2020 13:32

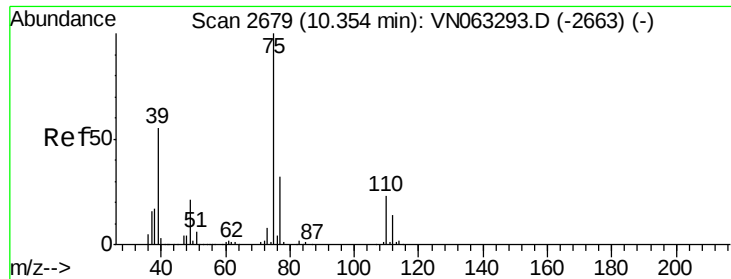
Tgt Ion: 92 Resp: 288847

Ion Ratio Lower Upper

92 100

91 178.0 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 20.953 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 190555

Ion Ratio Lower Upper

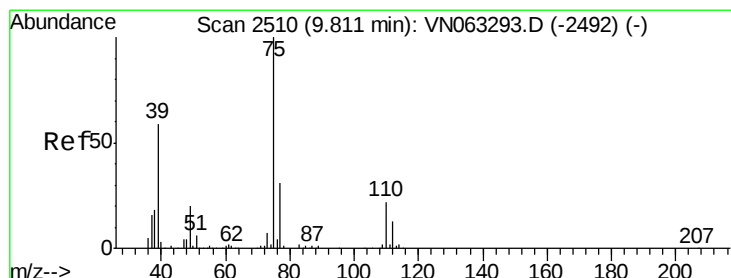
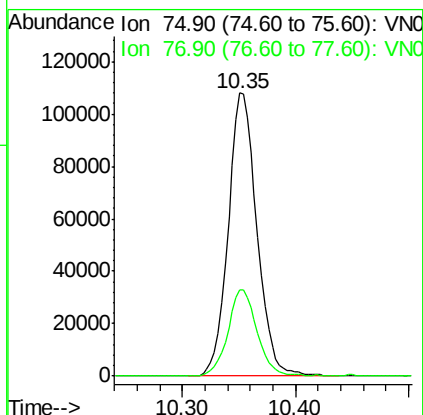
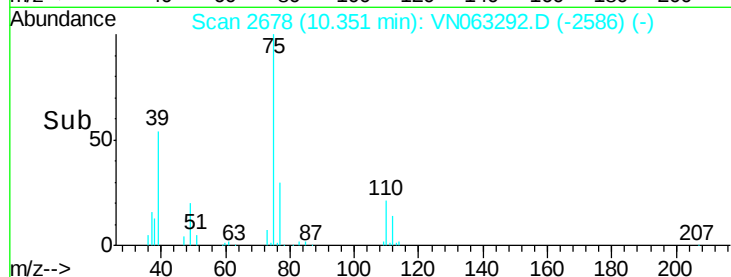
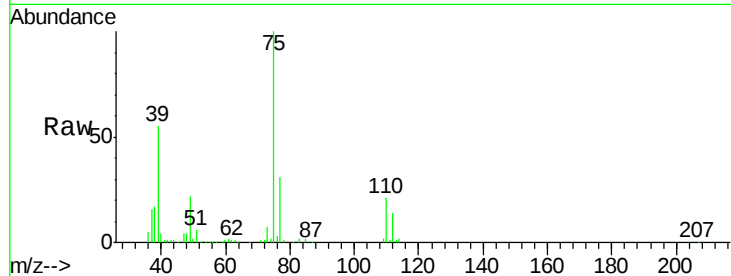
75 100

77 30.4 25.7 38.5

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 21.426 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

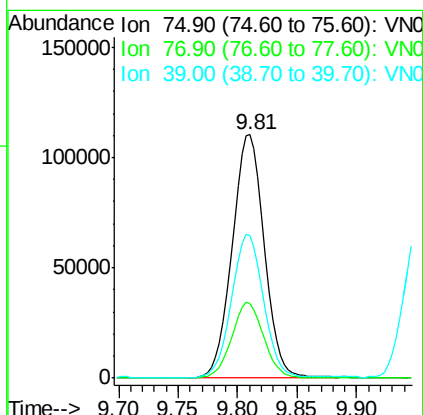
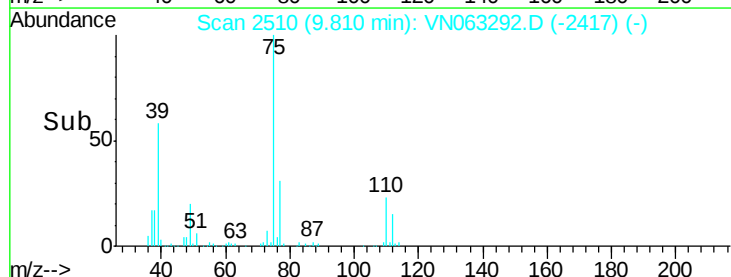
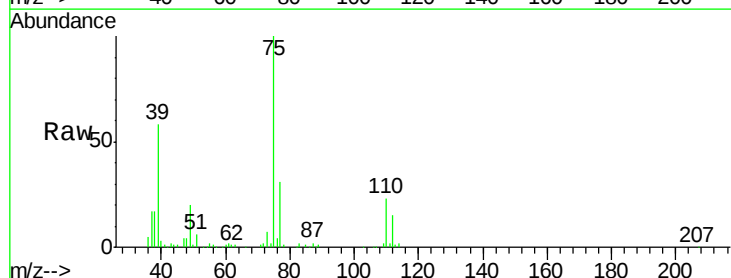
Tgt Ion: 75 Resp: 206731

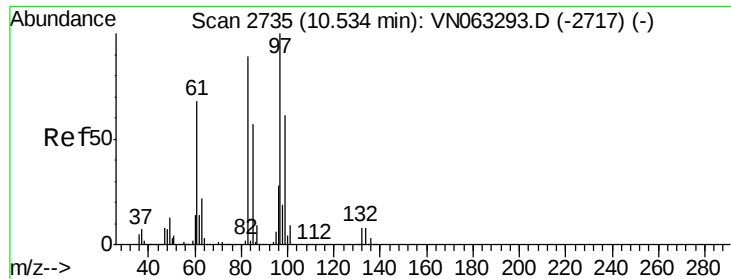
Ion Ratio Lower Upper

75 100

77 30.6 24.7 37.1

39 58.3 47.2 70.8





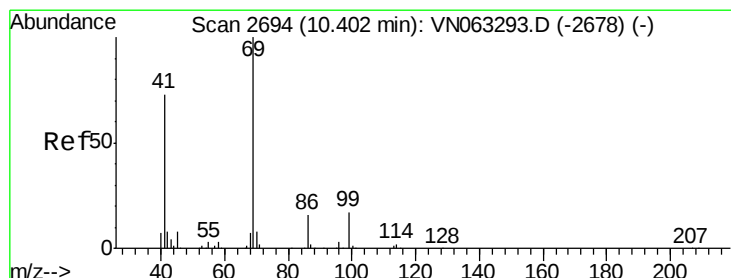
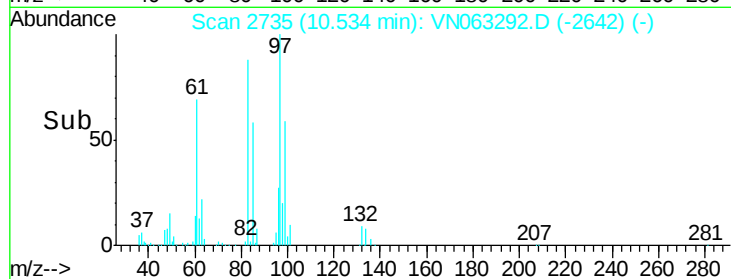
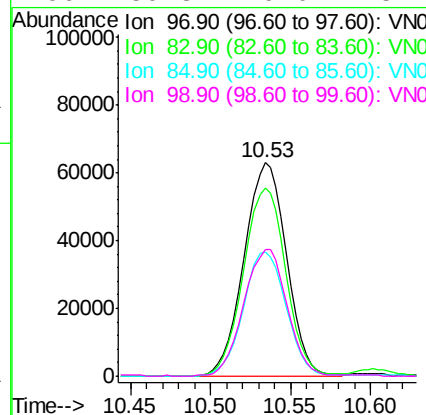
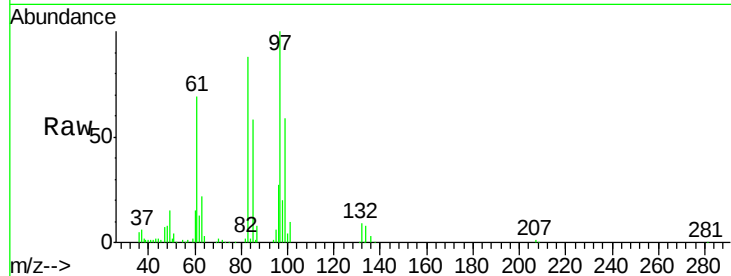
#55
 1,1,2-Trichloroethane
 Concen: 21.508 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		114276		
83	87.9	70.8	106.2		
85	58.4	45.6	68.4		
99	59.3	49.0	73.4		

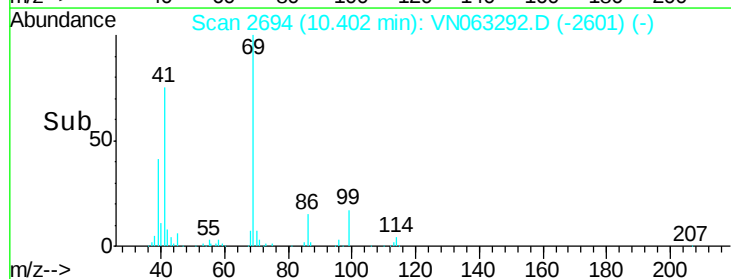
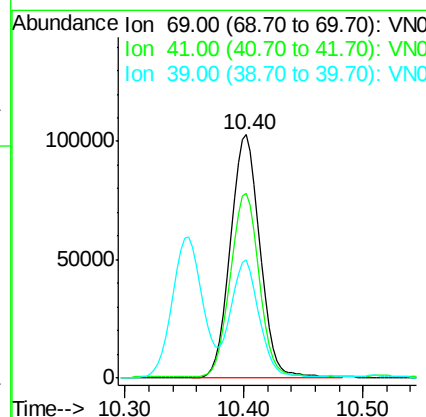
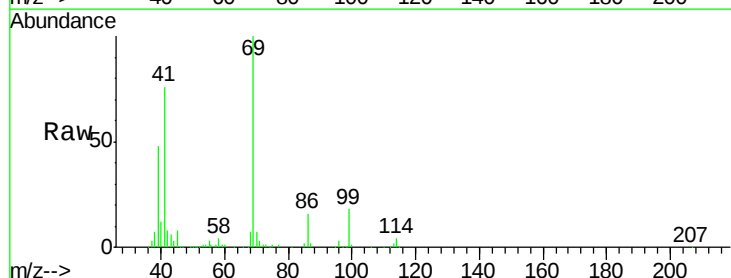
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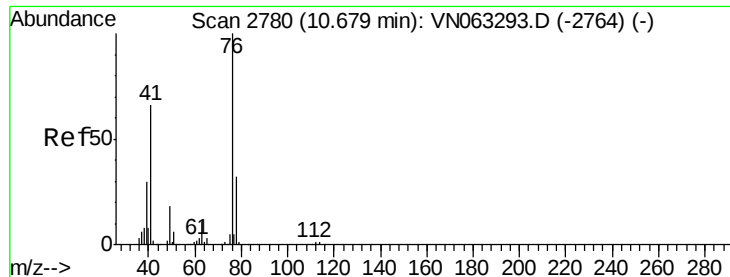
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 21.970 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		177997		
41	73.1	58.4	87.6		
39	45.1	38.6	58.0		





#57

1,3-Dichloropropane

Concen: 21.316 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 201114

Ion Ratio Lower Upper

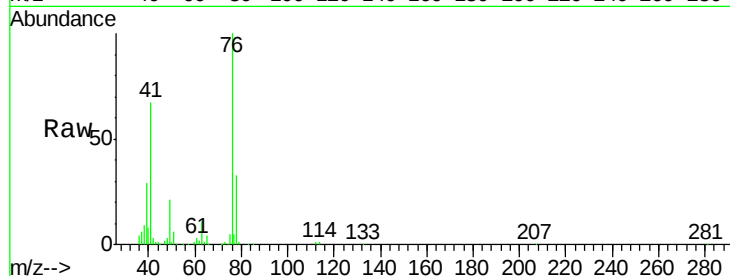
76 100

78 32.6 25.7 38.5

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VN063292.D (-2764) (-)

Ion 77.90 (77.60 to 78.60): VN063292.D (-2764) (-)

10.68

120000

100000

80000

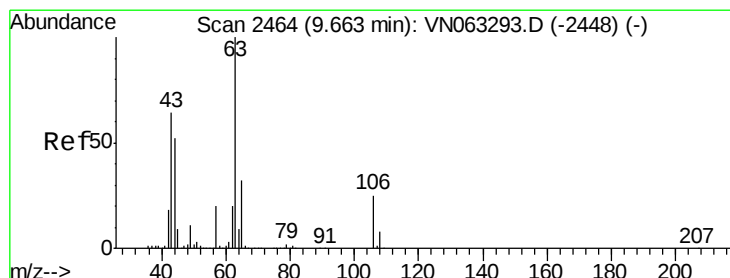
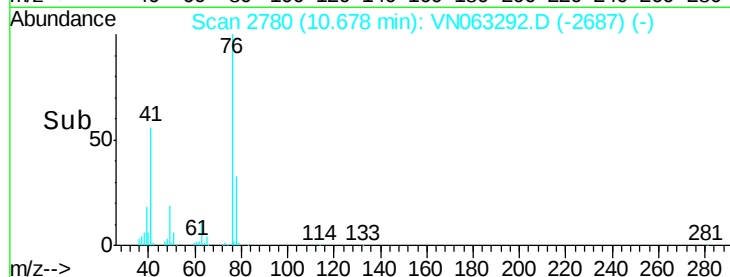
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 107.017 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063292.D

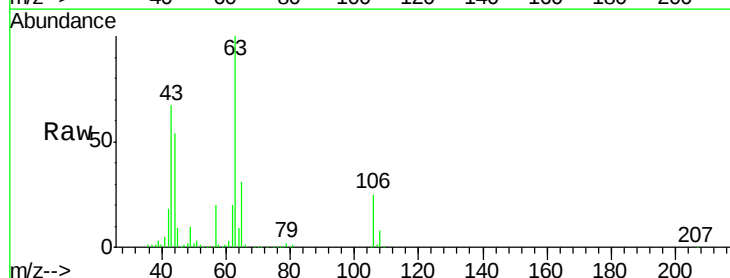
Acq: 10 Sep 2020 13:32

Tgt Ion: 63 Resp: 445942

Ion Ratio Lower Upper

63 100

106 25.6 20.2 30.4



Abundance Ion 62.90 (62.60 to 63.60): VN063292.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN063292.D (-2371) (-)

9.66

300000

250000

200000

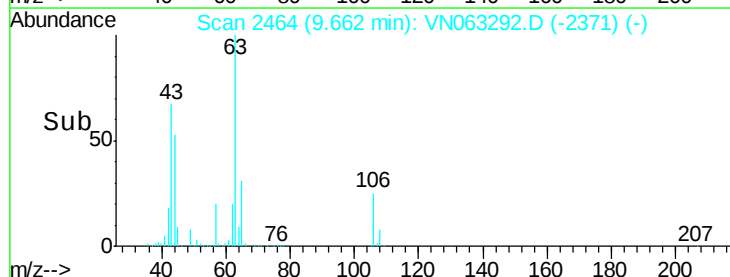
150000

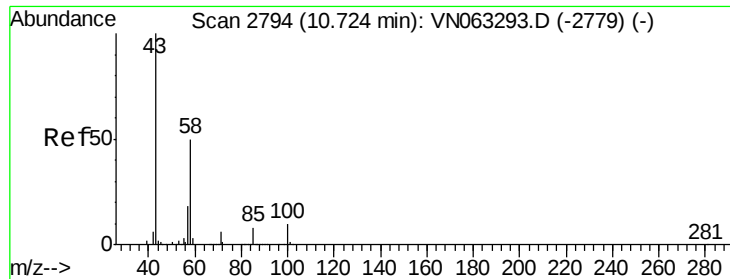
100000

50000

0

Time-->





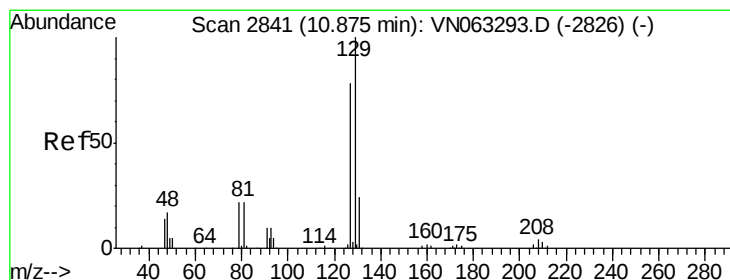
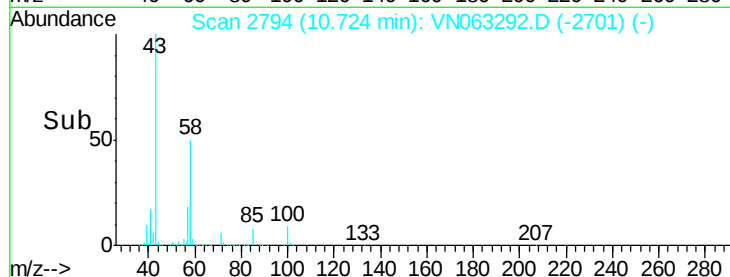
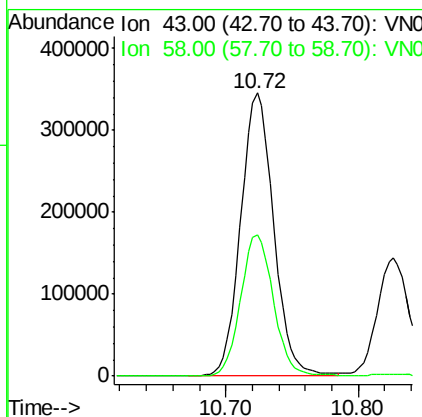
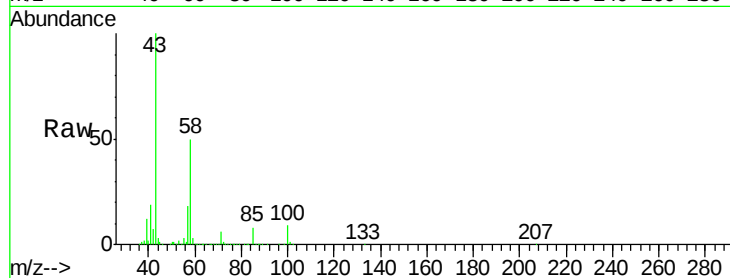
#59
2-Hexanone
Concen: 124.243 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.3	25.1	75.3

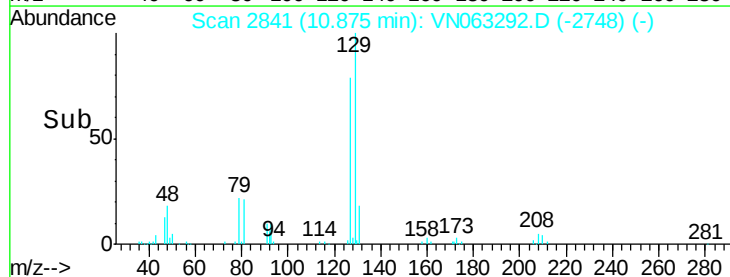
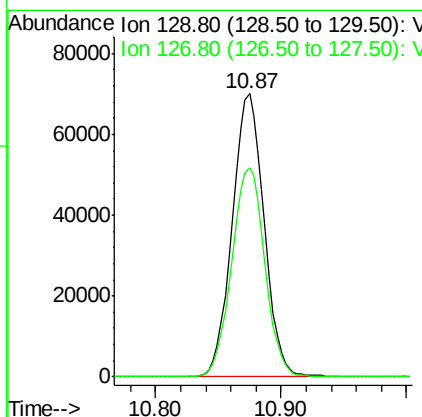
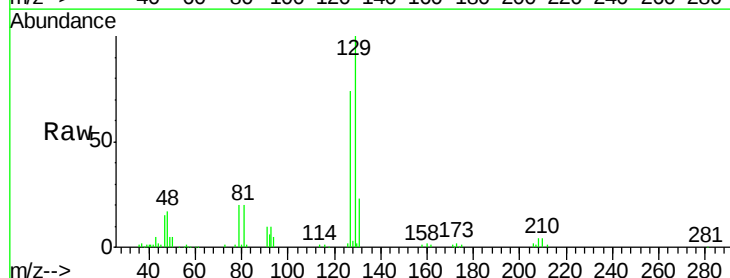
Manual Integrations
APPROVED

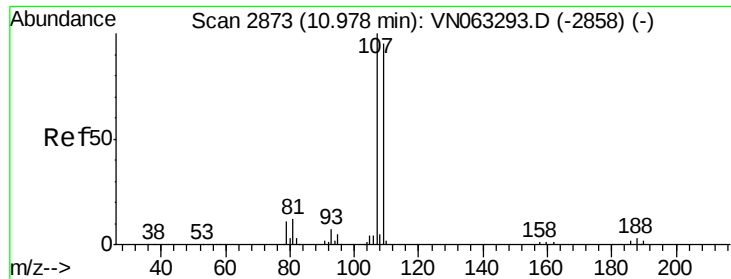
MMDadoda
9/11/2020 2:02:23 PM



#60
Dibromochloromethane
Concen: 21.048 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	39.0	117.0





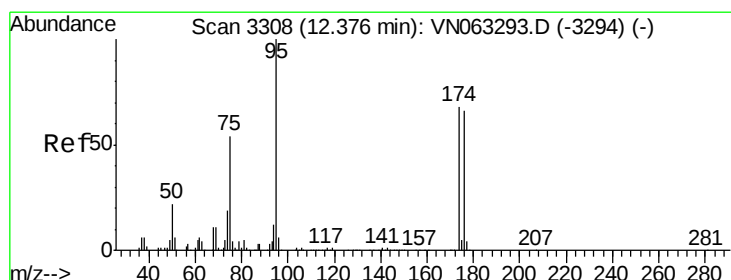
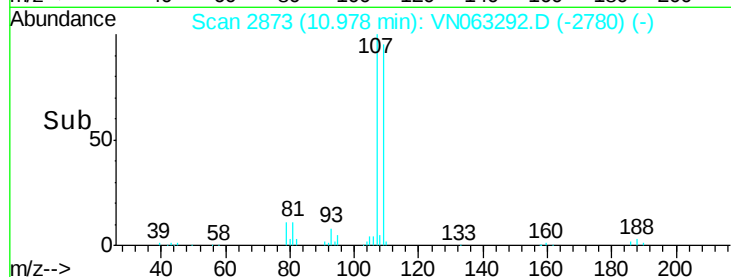
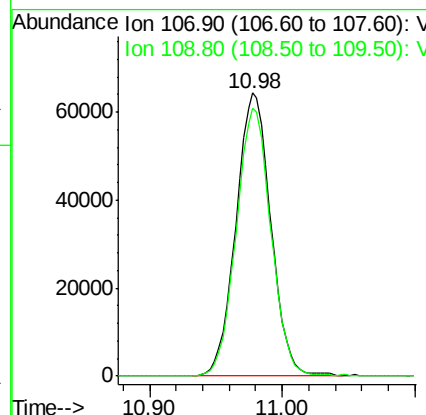
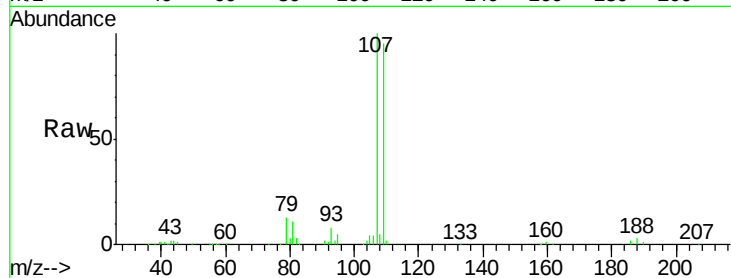
#61
 1,2-Dibromoethane
 Concen: 21.336 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
107	100	117305		
109	94.2	75.5	113.3	

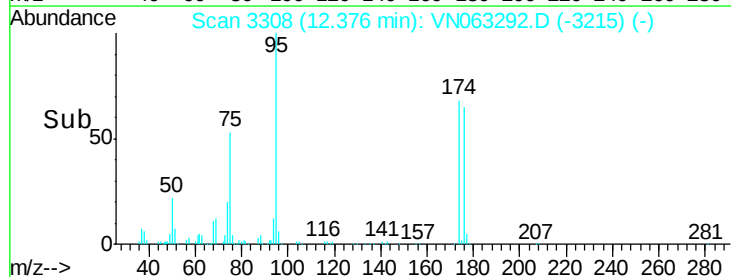
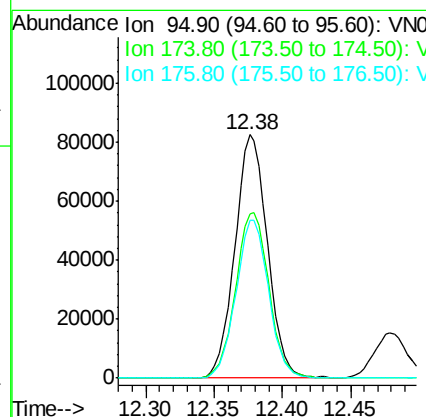
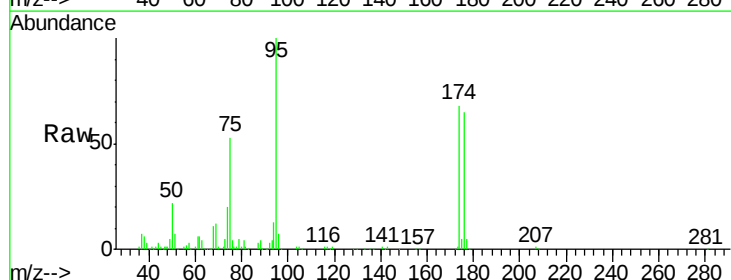
Manual Integrations
 APPROVED

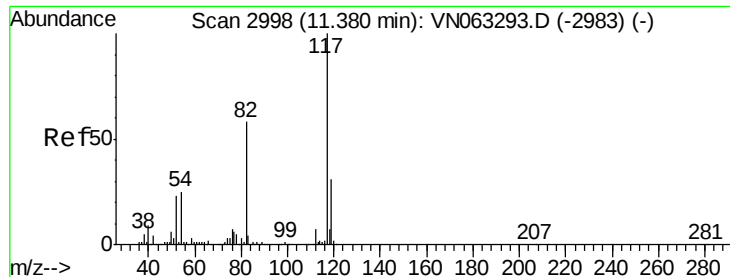
MMDadoda
 9/11/2020 2:02:23 PM



#62
 4-Bromofluorobenzene
 Concen: 19.917 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	136517		
174	69.6	0.0	136.6	
176	65.0	0.0	132.8	





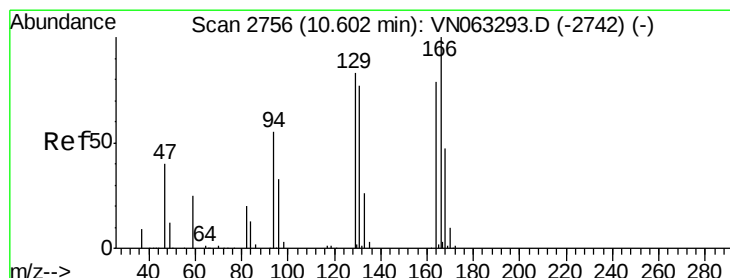
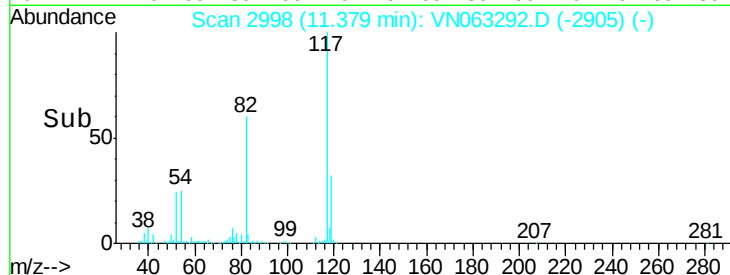
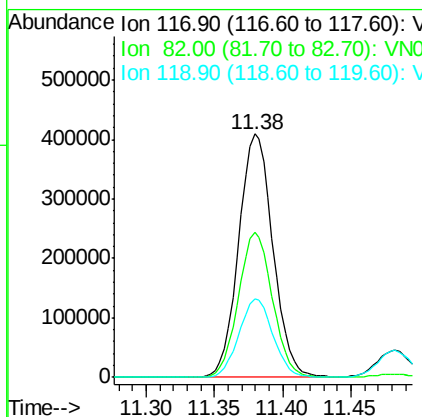
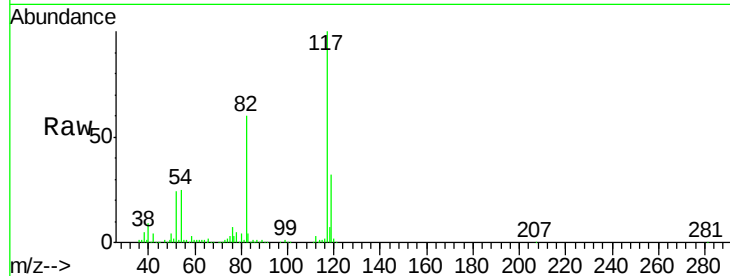
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	46.4	69.6
119	32.5	24.8	37.2

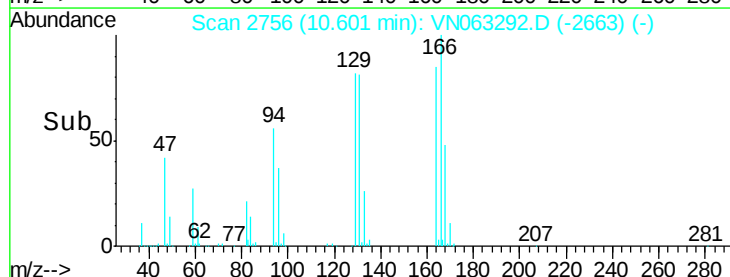
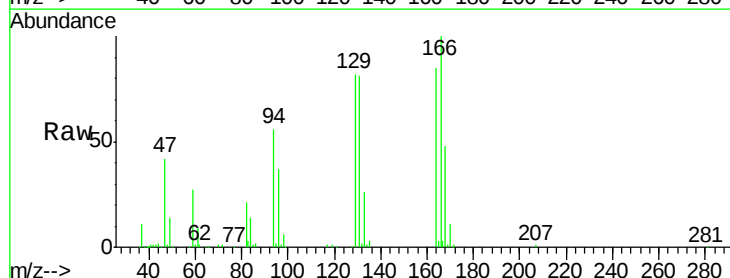
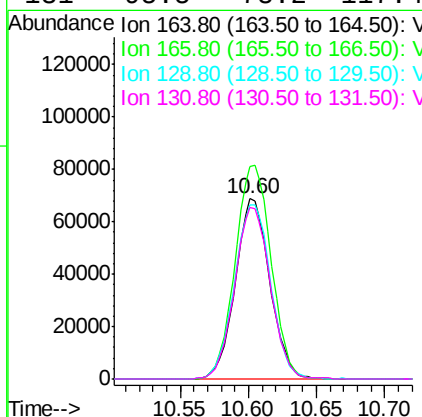
Manual Integrations
APPROVED

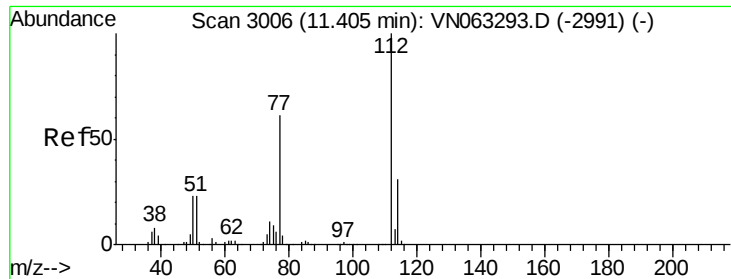
MMDadoda
9/11/2020 2:02:23 PM



#64
Tetrachloroethene
Concen: 23.038 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.2	101.3	151.9
129	96.7	83.7	125.5
131	95.5	78.2	117.4





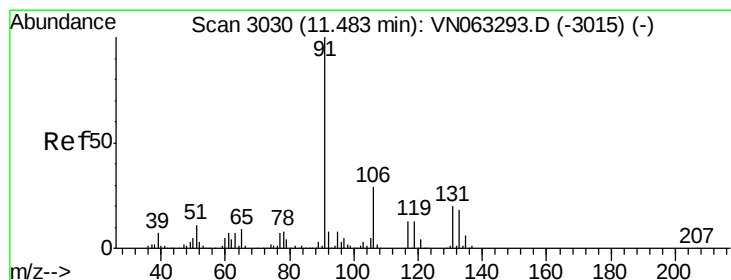
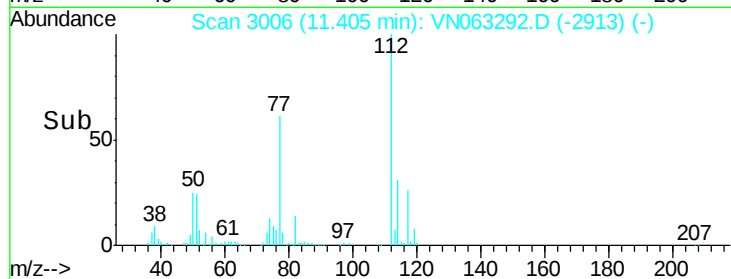
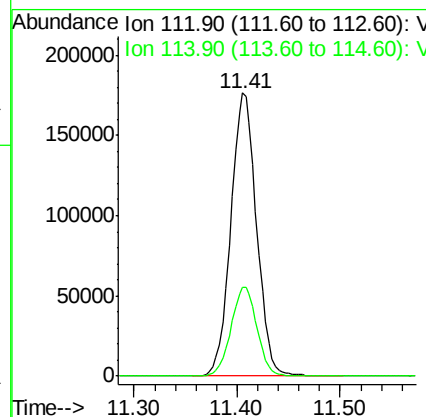
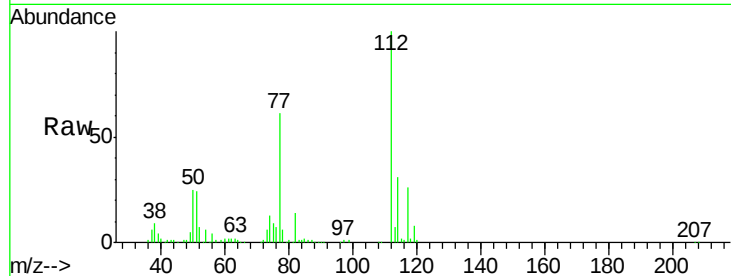
#65
Chlorobenzene
Concen: 21.374 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	24.6	36.8

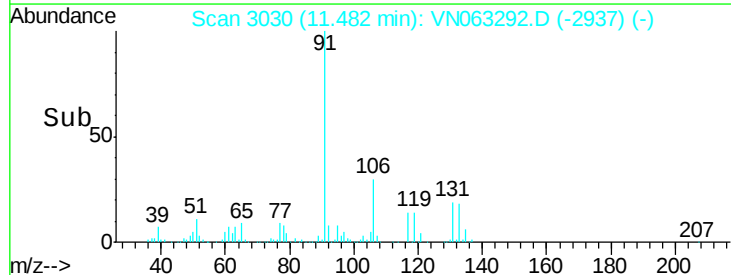
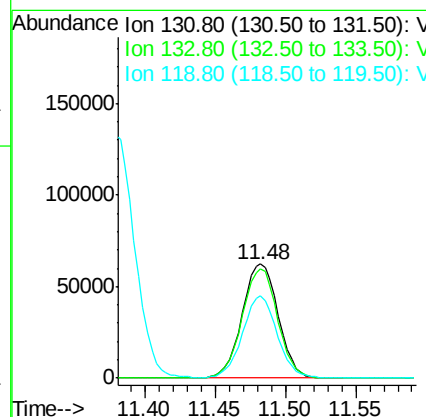
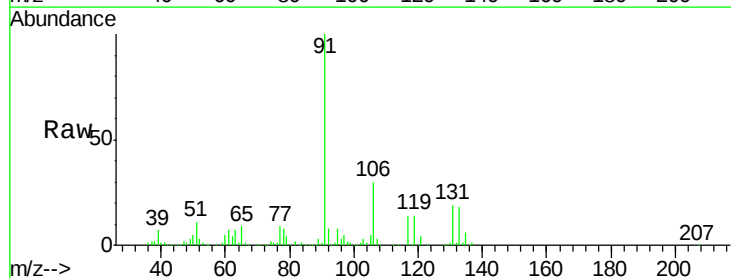
Manual Integrations
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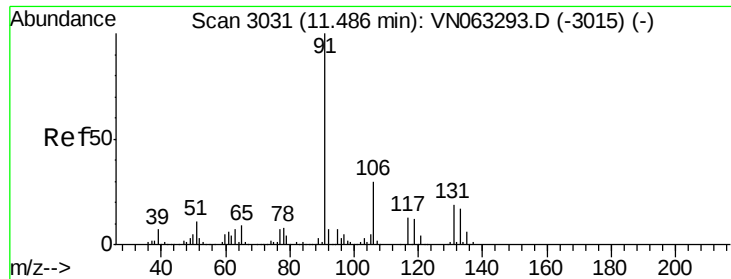
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.047 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.4	142.2
119	69.7	33.8	101.3





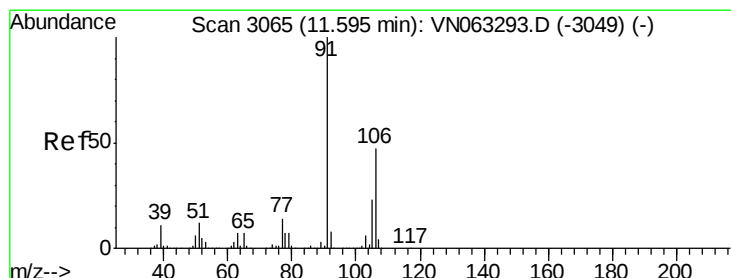
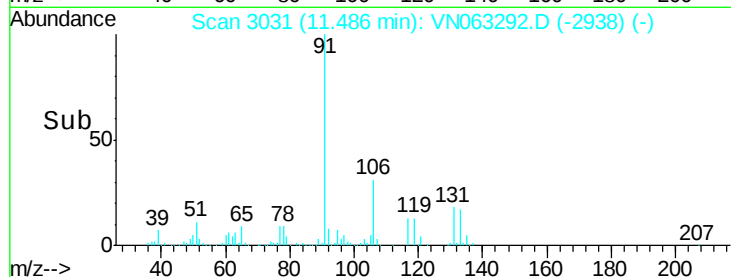
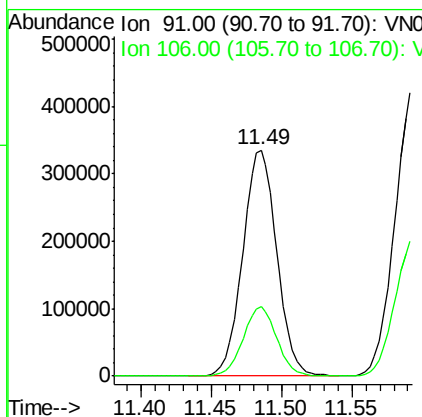
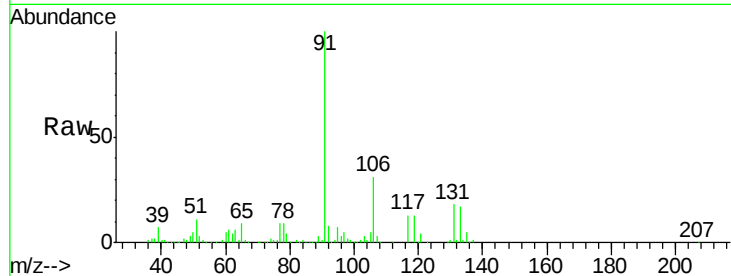
#67
Ethyl Benzene
Concen: 21.638 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 91 Resp: 566677
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6

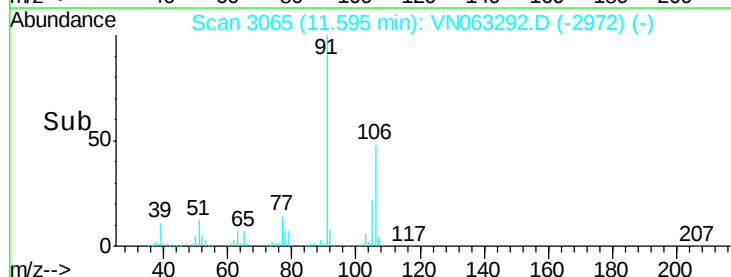
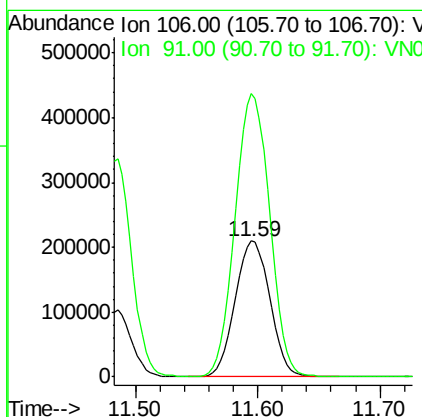
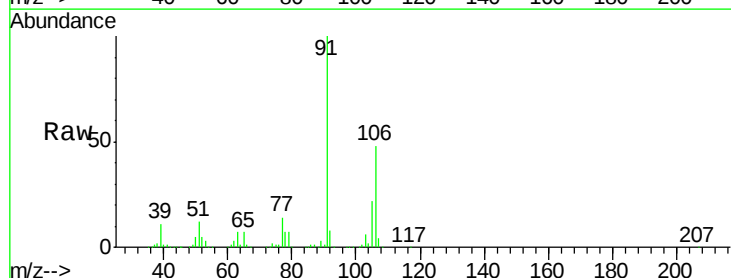
Manual Integrations
APPROVED

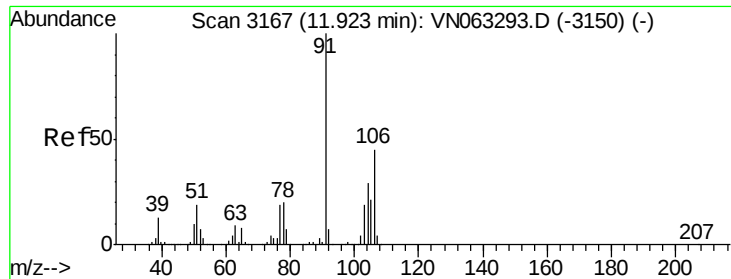
MMDadoda
9/11/2020 2:02:23 PM



#68
m/p-Xylenes
Concen: 42.718 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion: 106 Resp: 412967
Ion Ratio Lower Upper
106 100
91 207.7 169.8 254.8





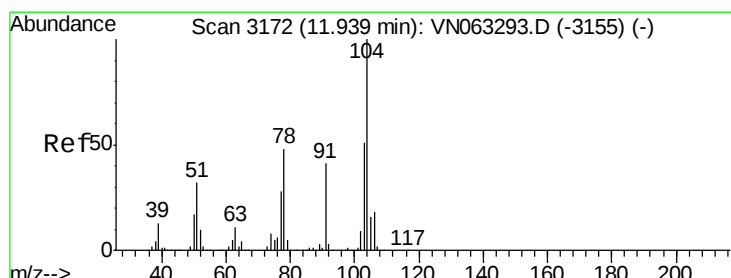
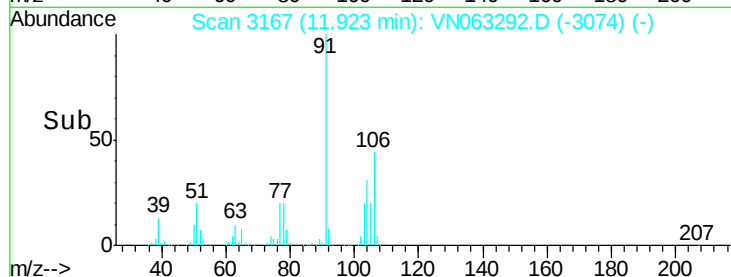
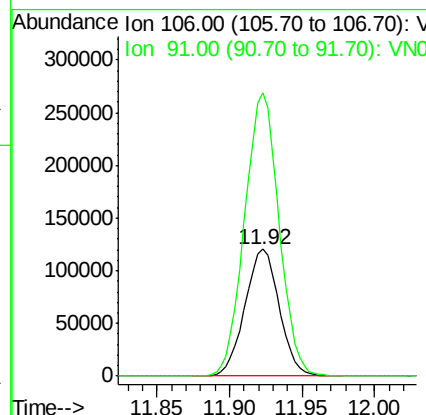
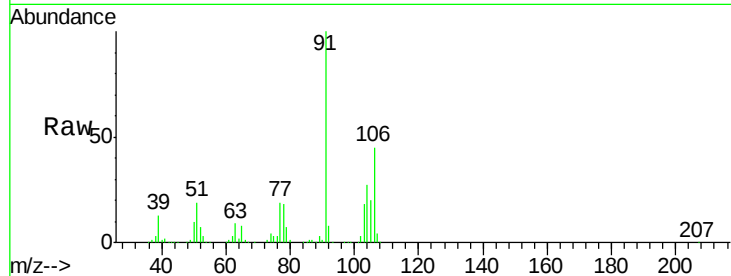
#69
o-Xylene
Concen: 21.299 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		198967		
91	223.4	111.5	334.4		

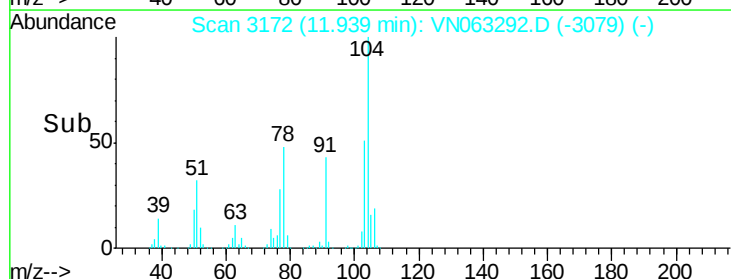
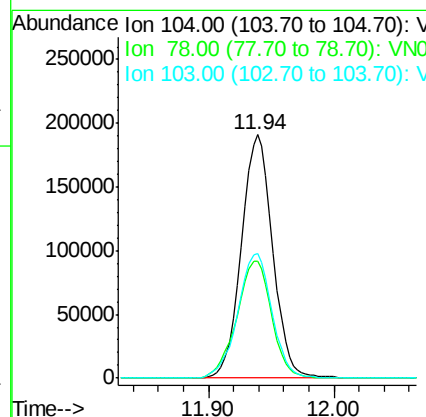
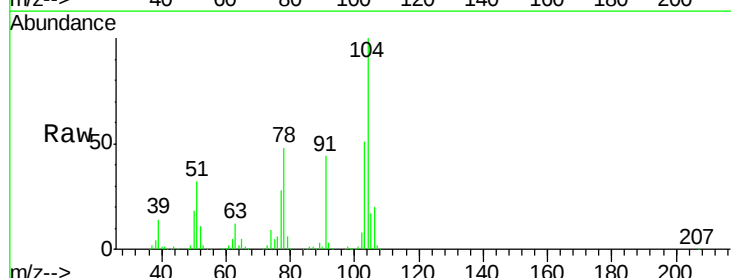
Manual Integrations
APPROVED

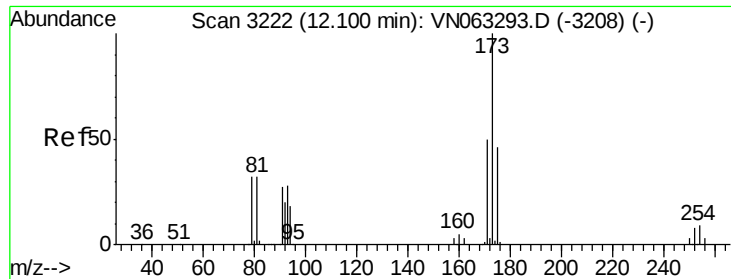
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#70
Styrene
Concen: 20.689 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		331092		
78	53.8	42.9	64.3		
103	55.9	44.2	66.2		





#71

Bromoform

Concen: 21.904 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 79325

Ion Ratio Lower Upper

173 100

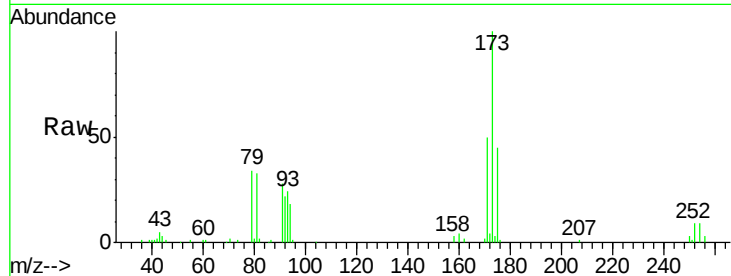
175 46.3 23.8 71.5

254 0.0 0.0 0.0

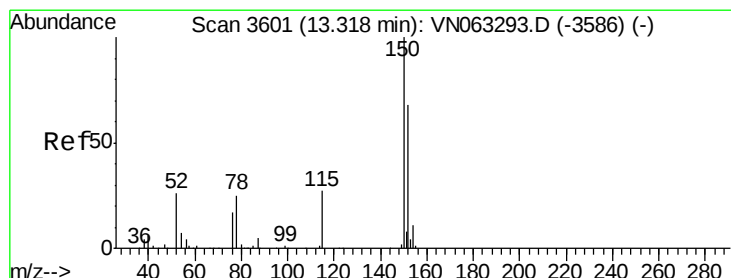
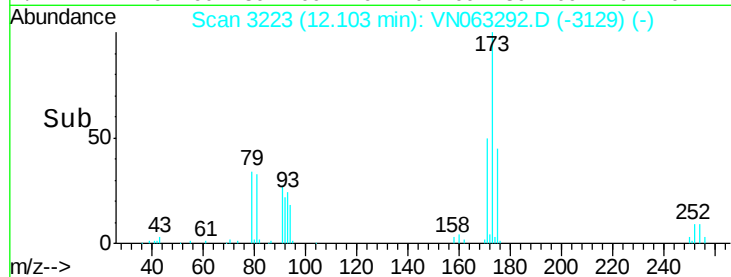
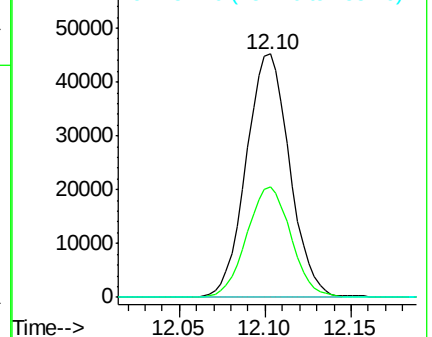
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

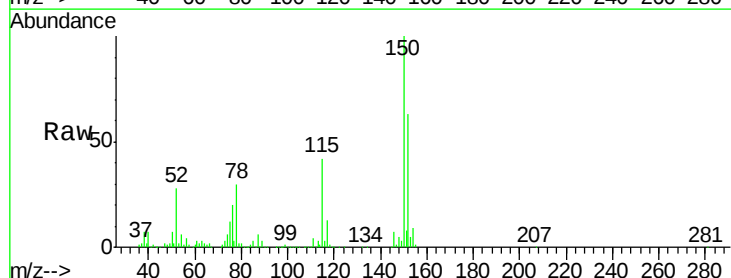
Tgt Ion:152 Resp: 325440

Ion Ratio Lower Upper

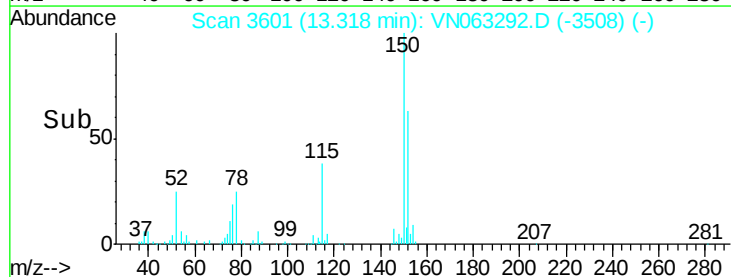
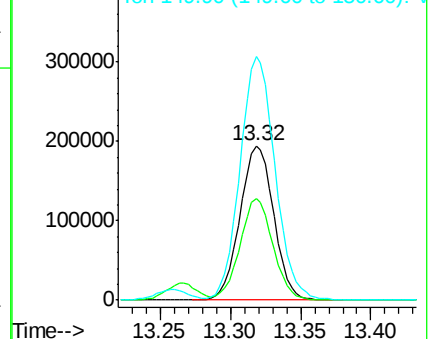
152 100

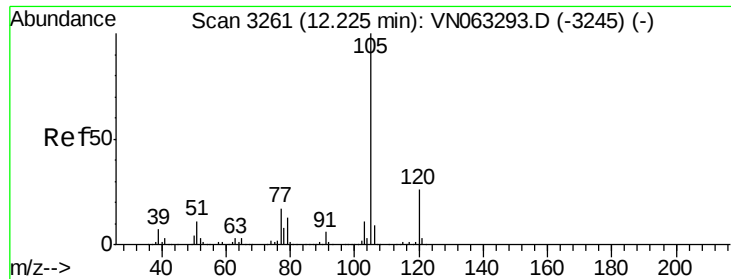
115 64.3 31.5 94.5

150 164.0 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





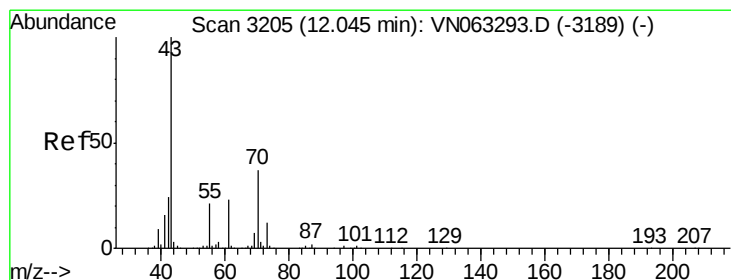
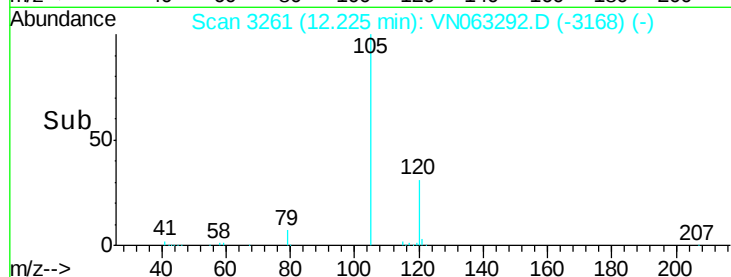
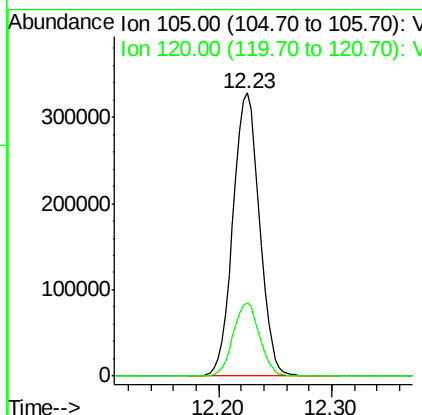
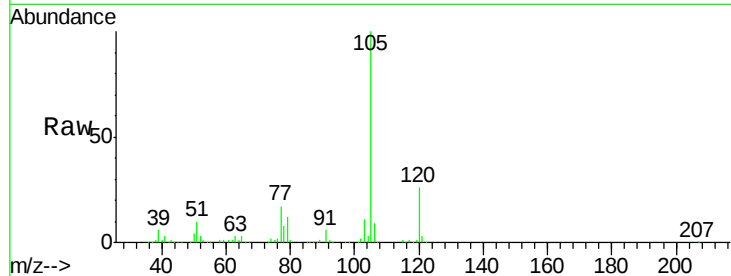
#73
Isopropylbenzene
Concen: 21.655 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9

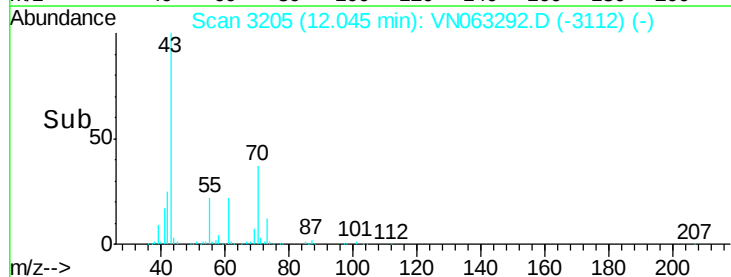
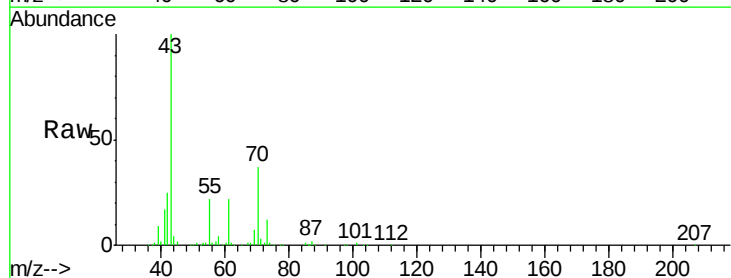
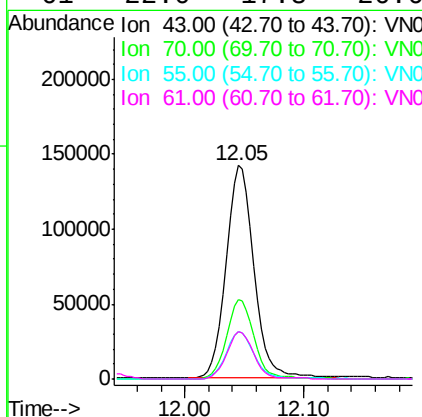
Manual Integrations
APPROVED

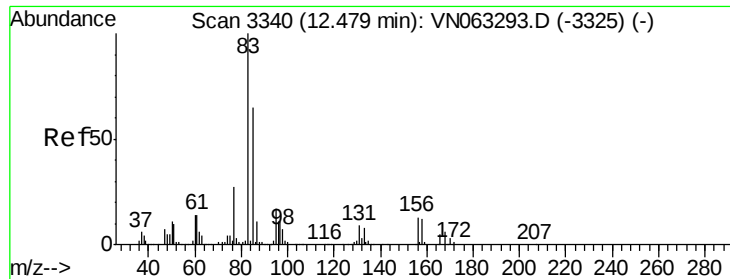
MMDadoda
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#74
N-ethyl acetate
Concen: 22.360 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.1	29.3	43.9
55	22.6	17.0	25.6
61	22.0	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.777 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 83 Resp: 154896
Ion Ratio Lower Upper

83 100

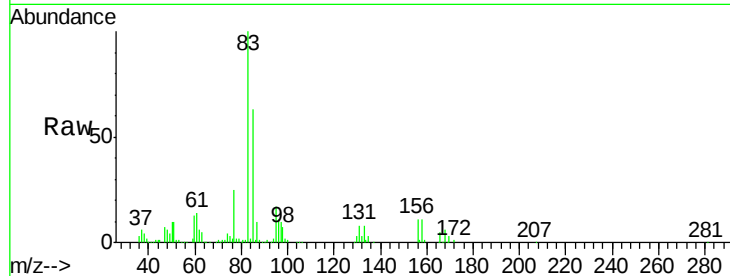
131 9.2 4.7 14.1

85 63.7 32.0 96.2

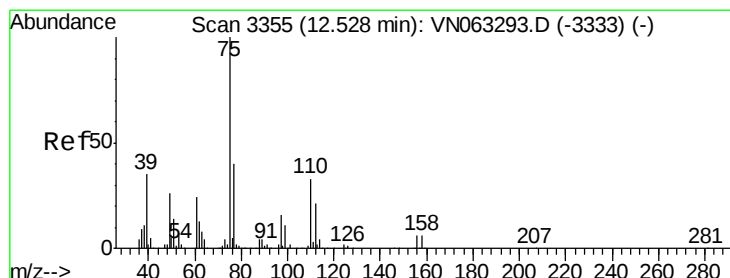
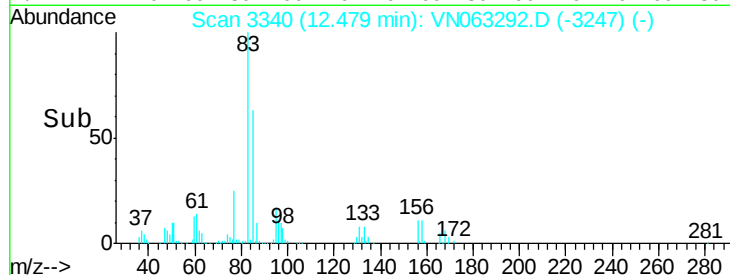
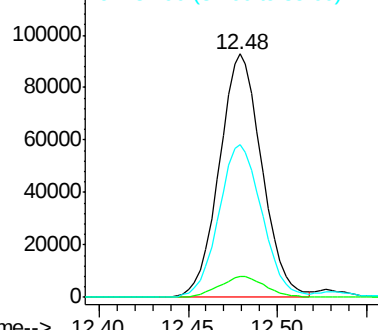
Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): VN
Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 20.373 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

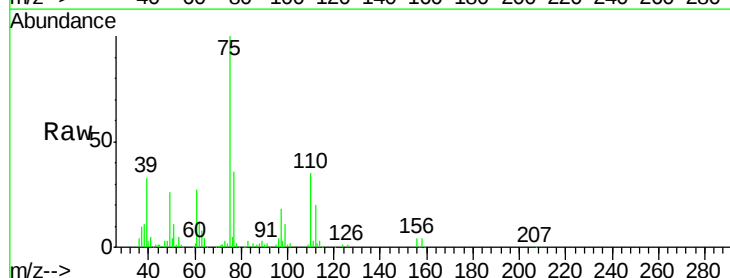
Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

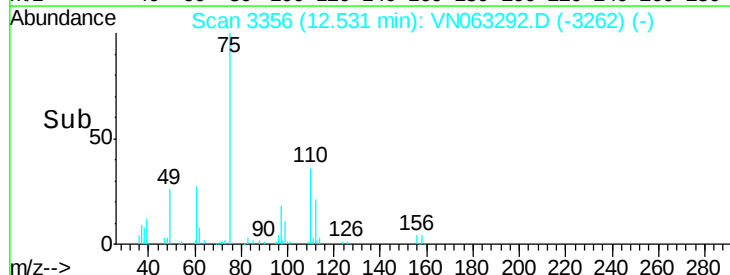
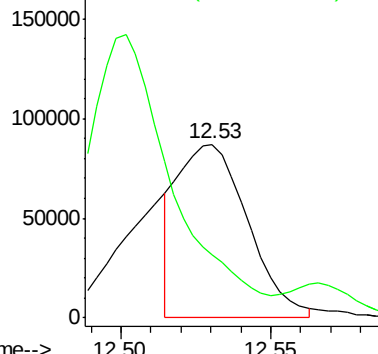
Tgt Ion: 75 Resp: 141806
Ion Ratio Lower Upper

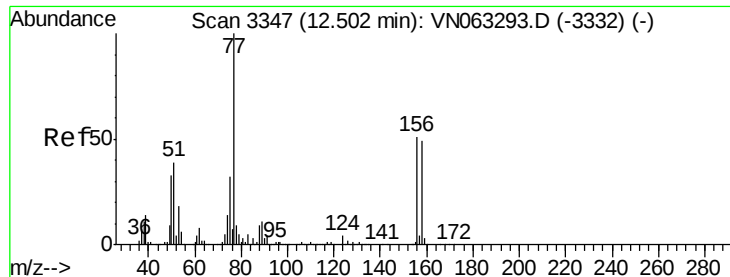
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





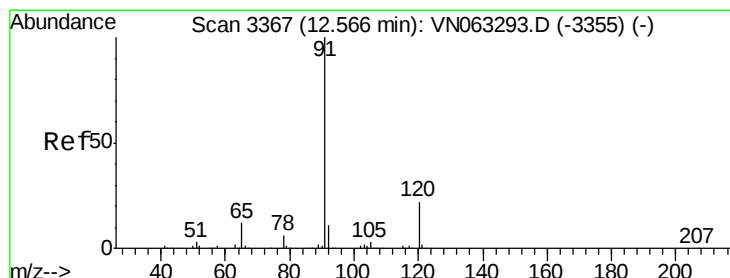
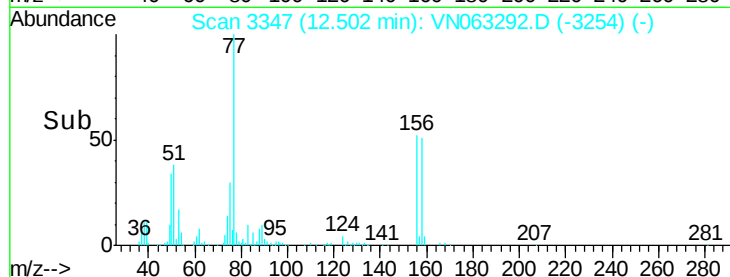
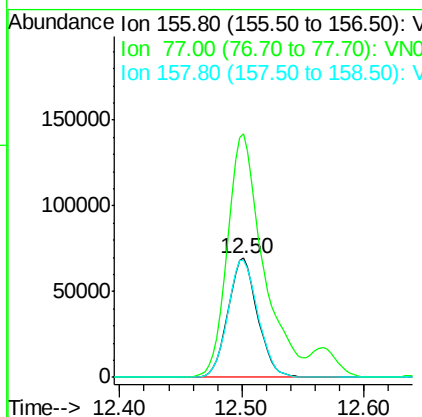
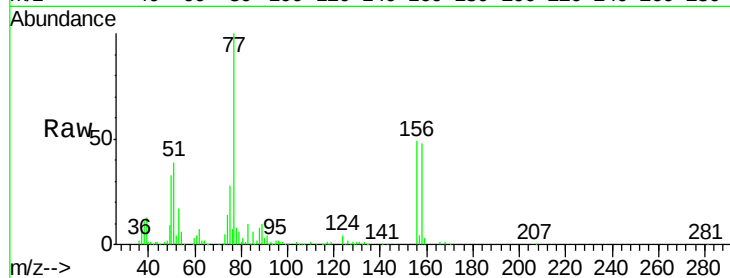
#77
Bromobenzene
Concen: 21.000 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	244.6	117.4	352.2
158	100.1	48.8	146.4

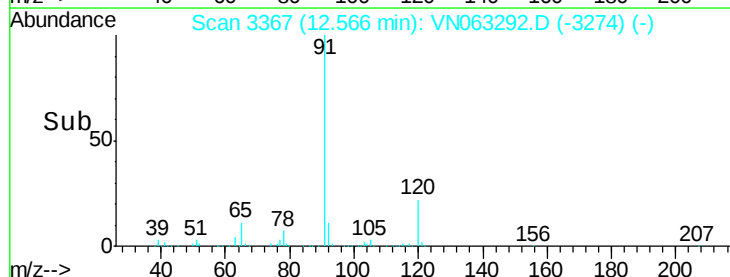
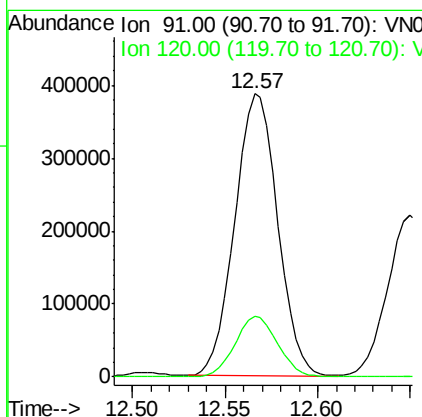
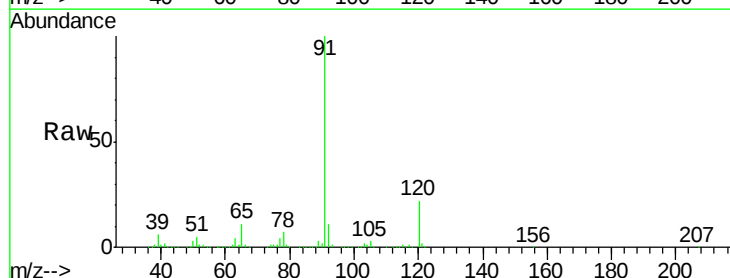
Manual Integrations
APPROVED

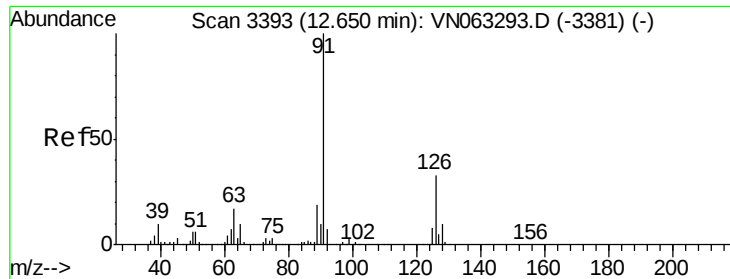
MMDadoda
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#78
n-propylbenzene
Concen: 21.641 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.1	33.3





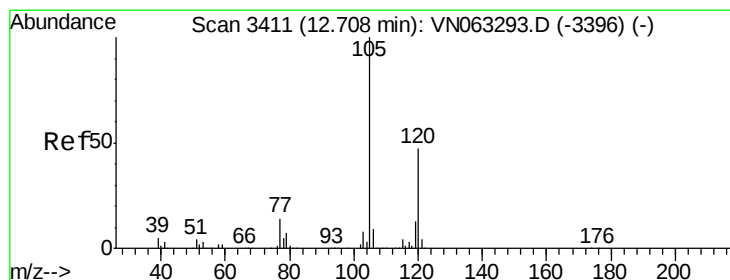
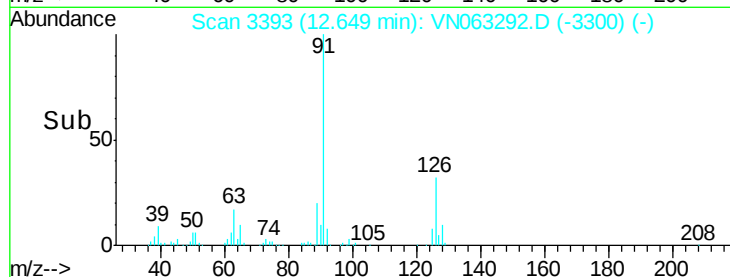
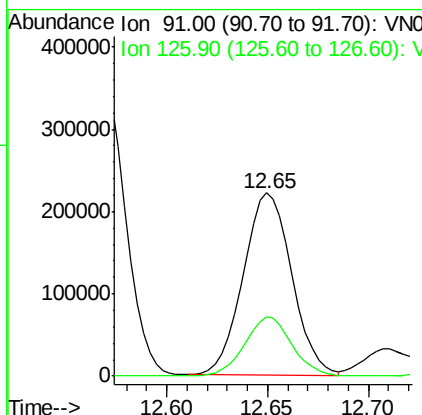
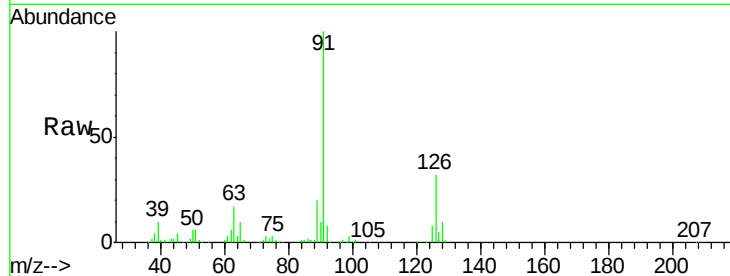
#79
 2-Chlorotoluene
 Concen: 21.718 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 91 Resp: 373549
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.3 48.8

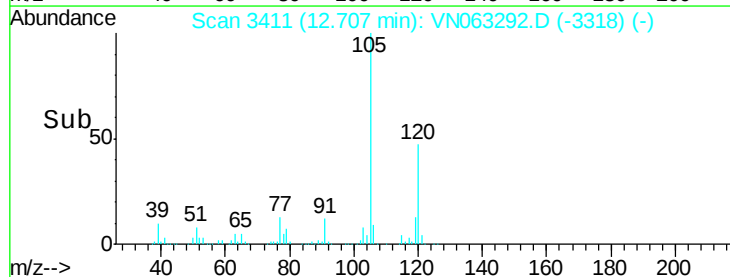
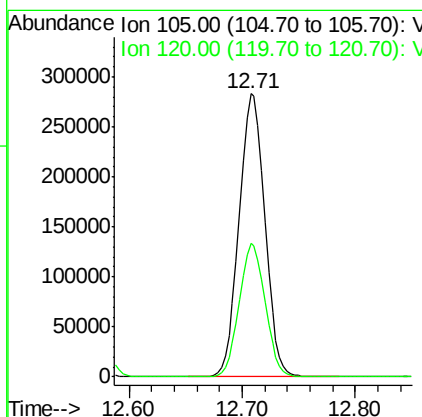
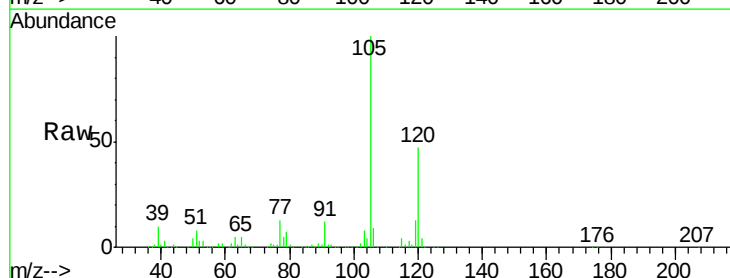
Manual Integrations
 APPROVED

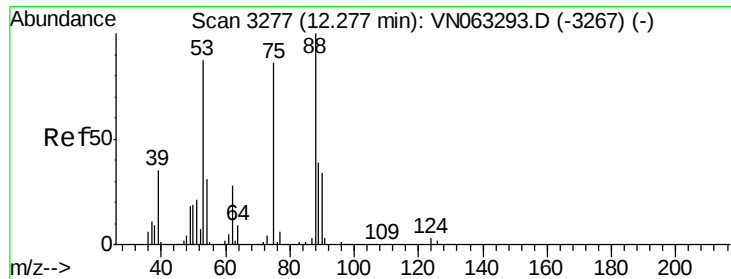
MMDadoda
 9/11/2020 2:02:23 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.756 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion: 105 Resp: 450166
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.334 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

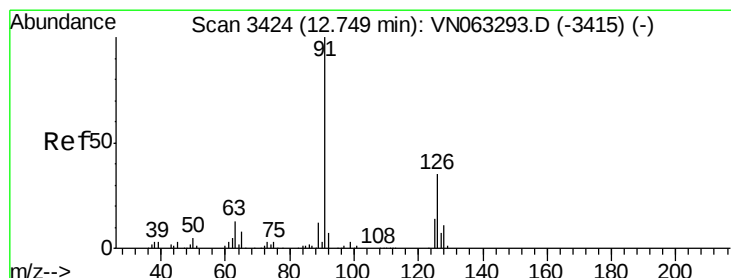
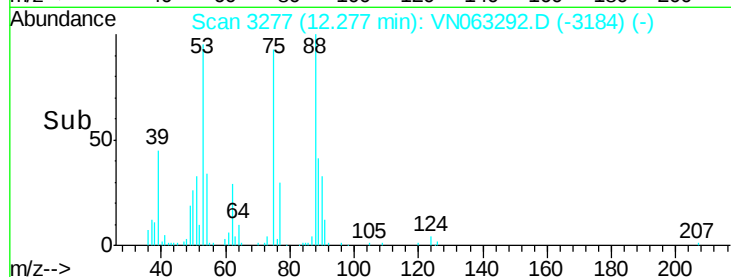
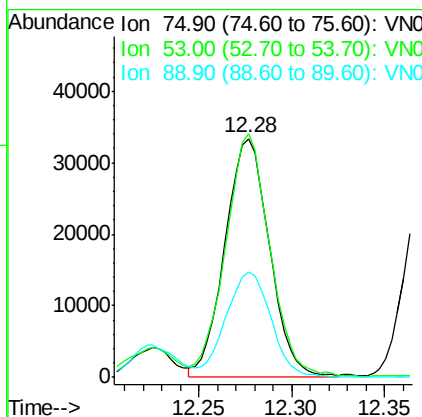
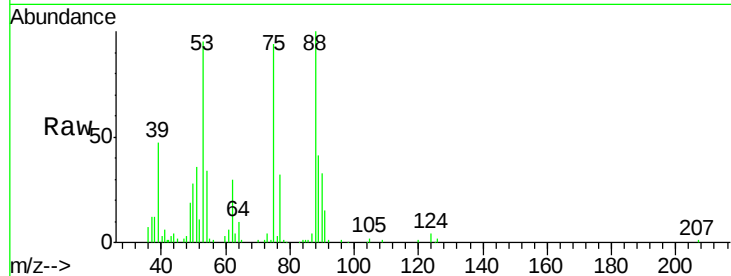
ClientSampleId :

VSTDIC020

Tot Ion:	75	Resp:	55837
Ion	Ratio	Lower	Upper
75	100		
53	101.5	81.8	122.8
89	44.6	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.260 ug/l

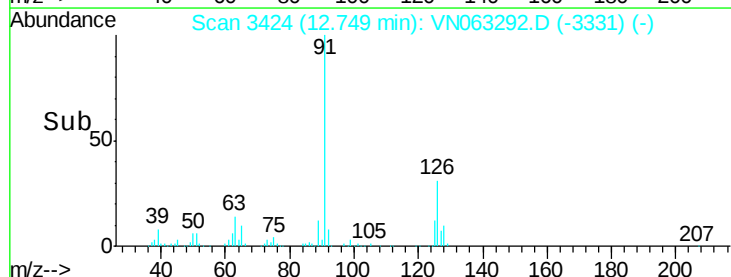
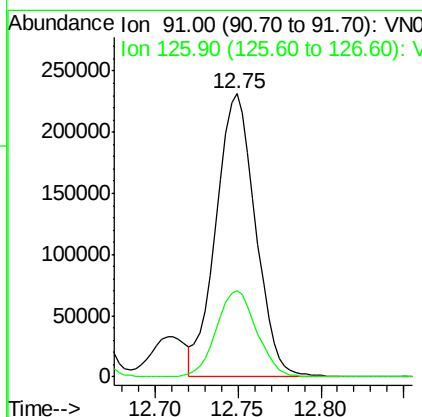
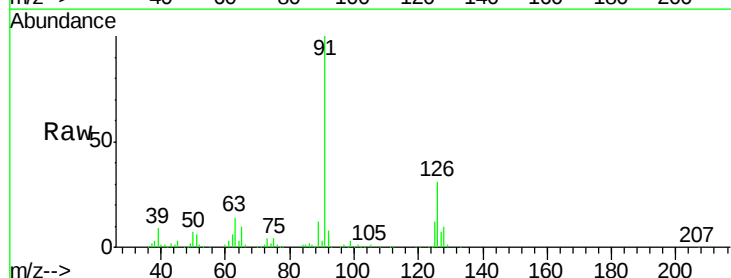
RT: 12.75 min Scan# 3424

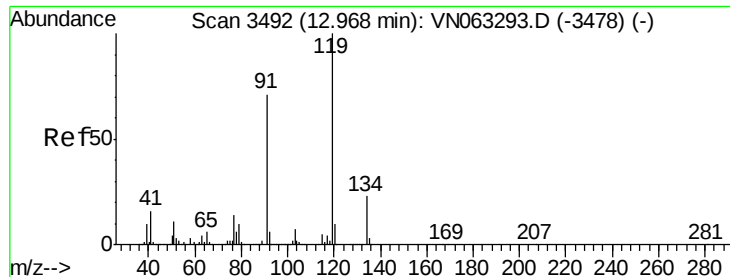
Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Tgt Ion:	91	Resp:	378845
Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.9	47.7





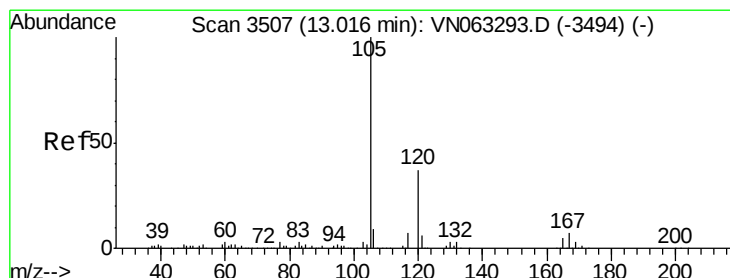
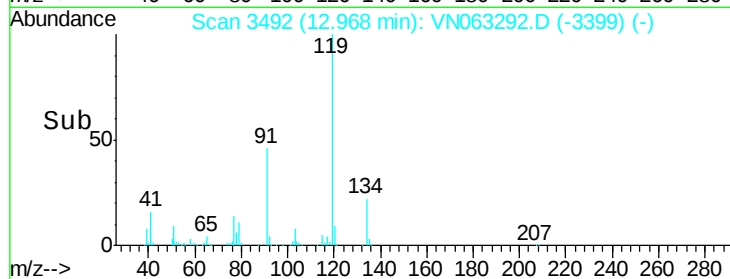
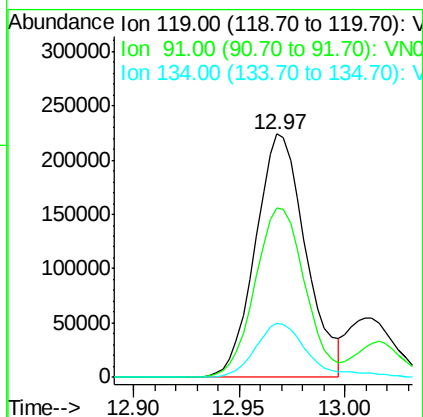
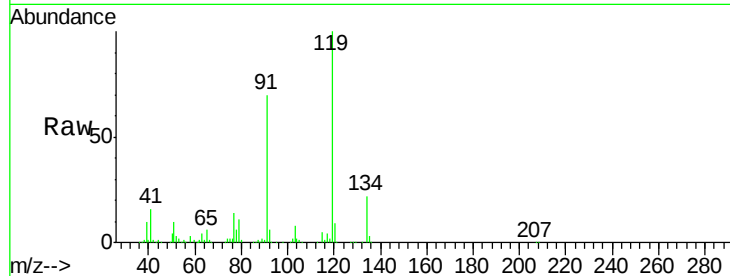
#83
 tert-Butylbenzene
 Concen: 21.023 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.0	34.8	104.3
134	23.3	11.9	35.5

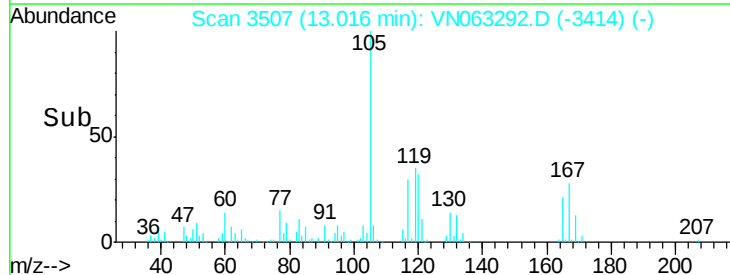
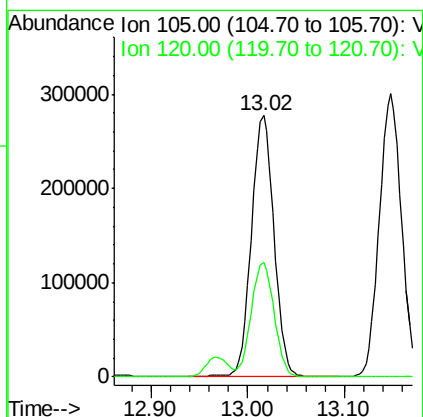
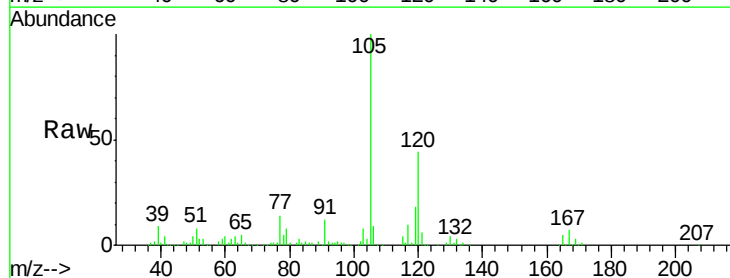
Manual Integrations
 APPROVED

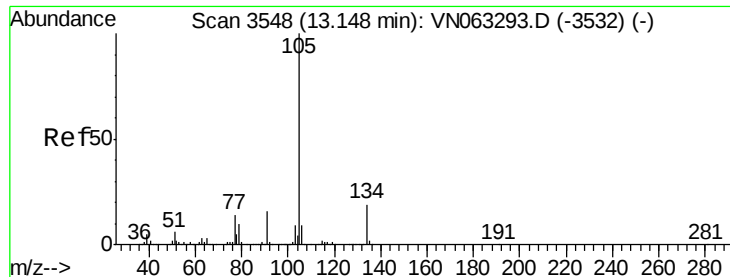
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.721 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.8	65.4





#85

sec-Butylbenzene

Concen: 20.912 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 479099

Ion Ratio Lower Upper

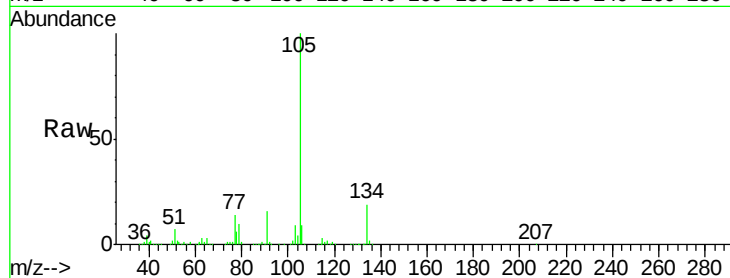
105 100

134 19.4 9.4 28.3

Manual Integrations
APPROVED

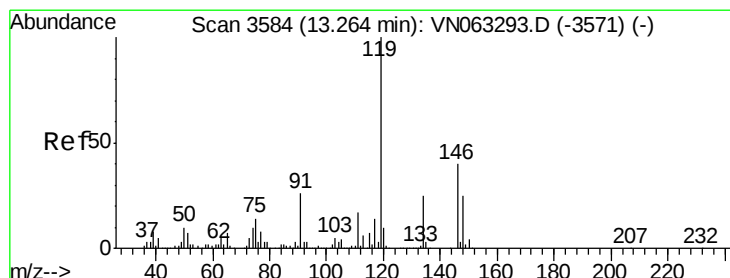
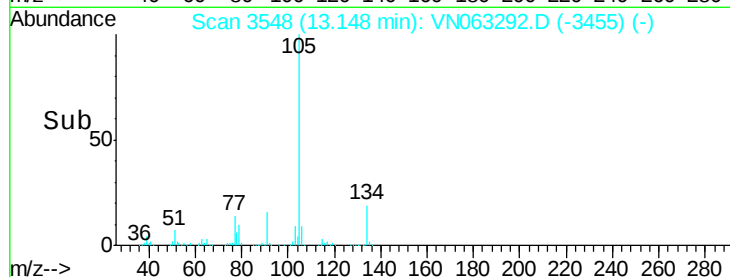
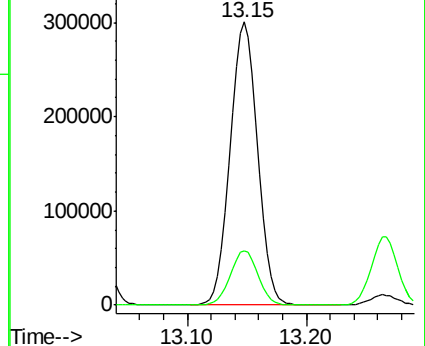
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.425 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

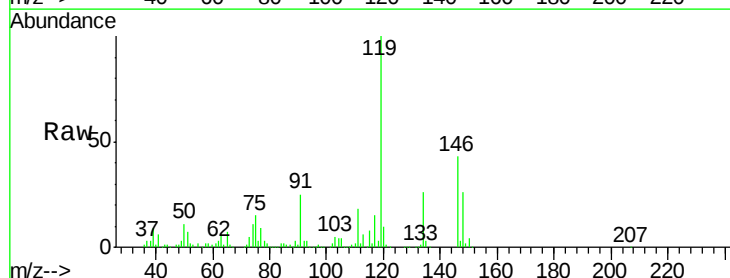
Tgt Ion:119 Resp: 436856

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

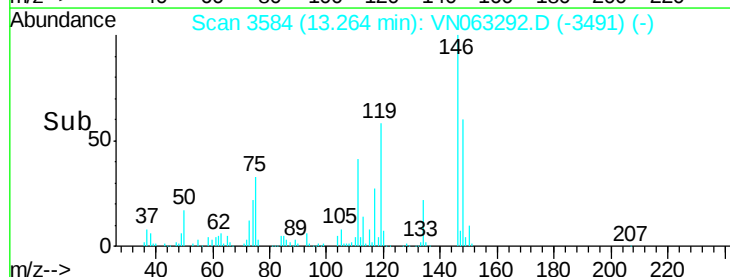
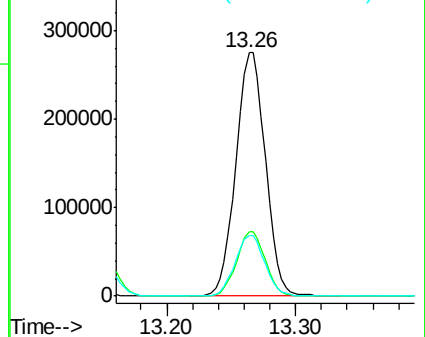
91 25.7 12.8 38.3

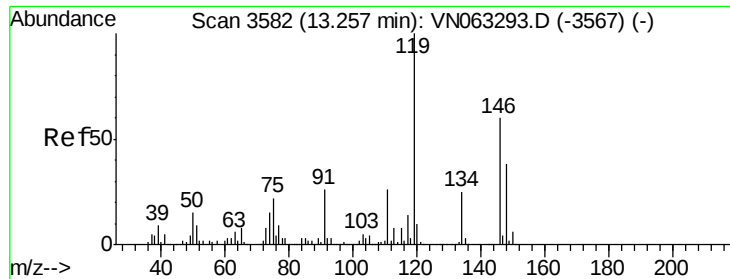


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





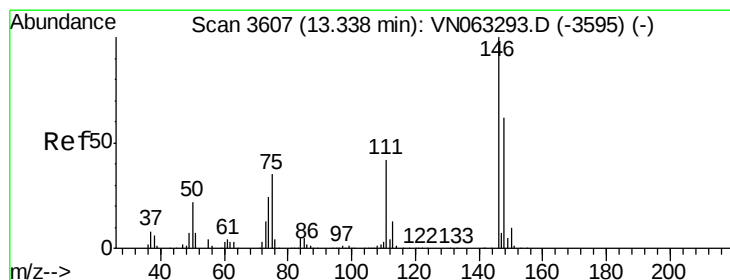
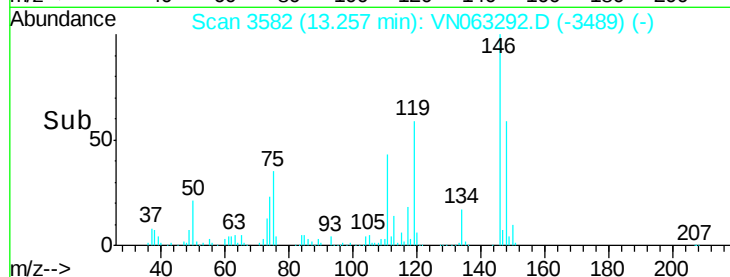
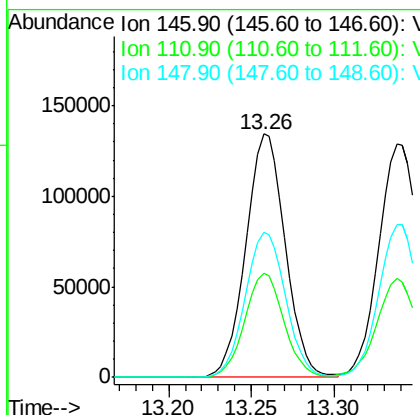
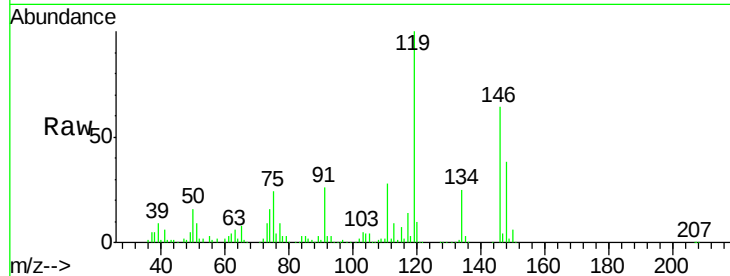
#87
 1,3-Dichlorobenzene
 Concen: 21.617 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	222822		
111	42.5	21.8	65.4	
148	61.1	31.8	95.4	

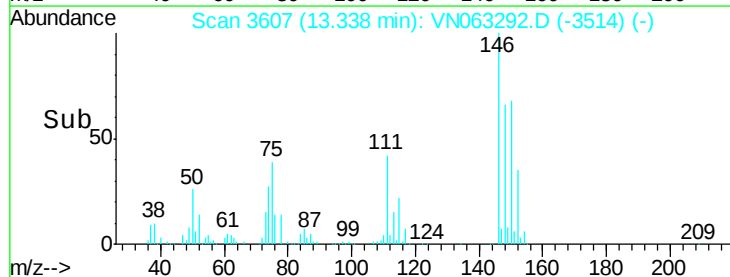
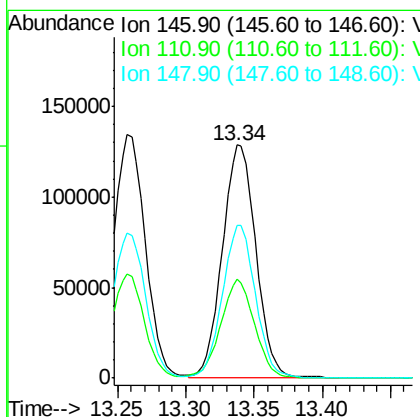
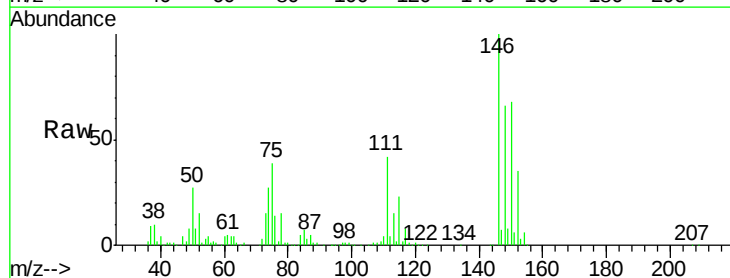
Manual Integrations
 APPROVED

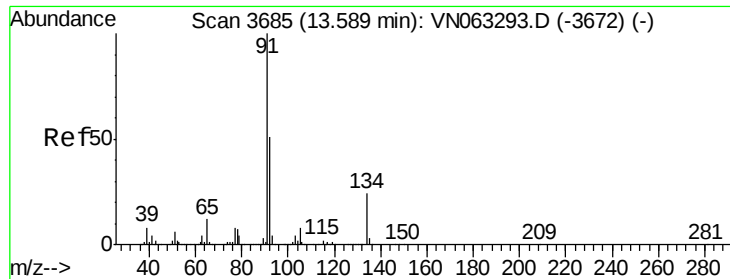
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#88
 1,4-Dichlorobenzene
 Concen: 20.646 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	219553		
111	42.2	21.3	64.0	
148	65.0	31.5	94.5	





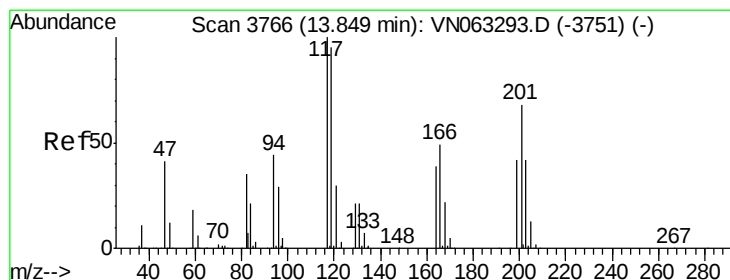
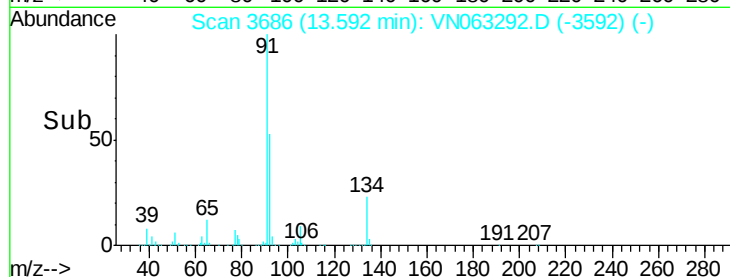
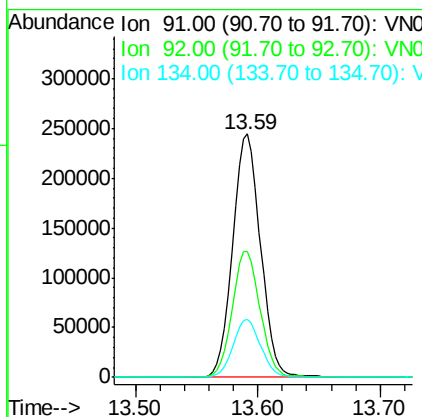
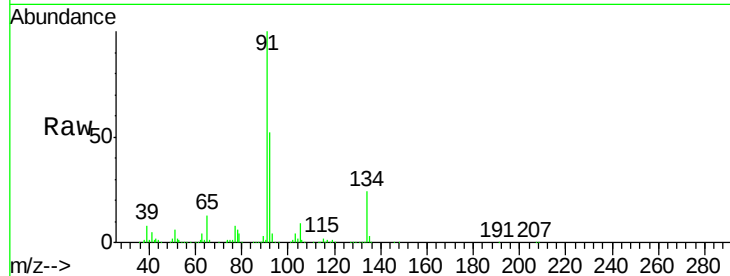
#89
n-Butylbenzene
Concen: 20.587 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	25.8	77.3
134	23.8	12.0	36.0

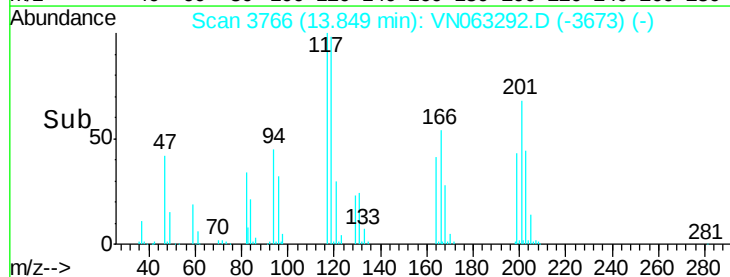
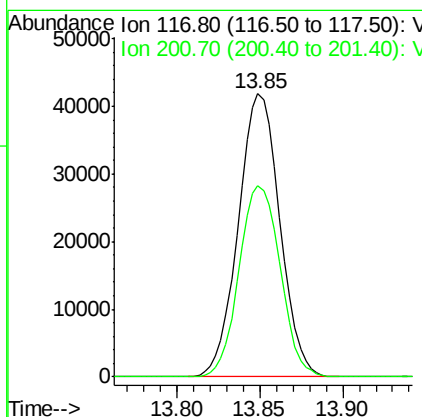
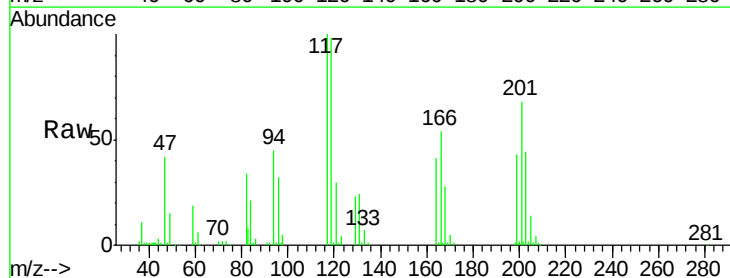
Manual Integrations
APPROVED

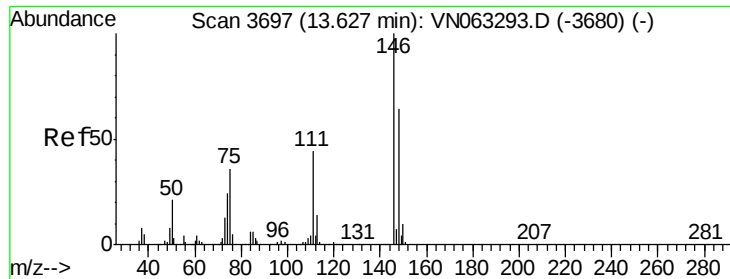
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#90
Hexachloroethane
Concen: 19.431 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.8	33.5	100.4





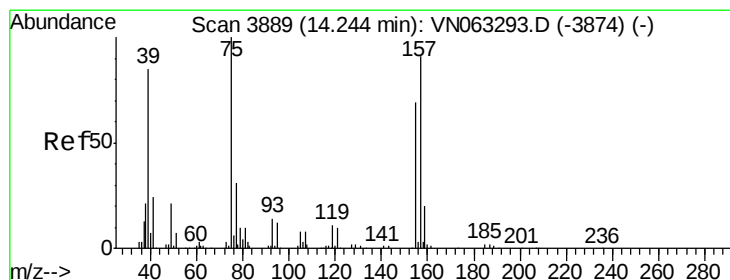
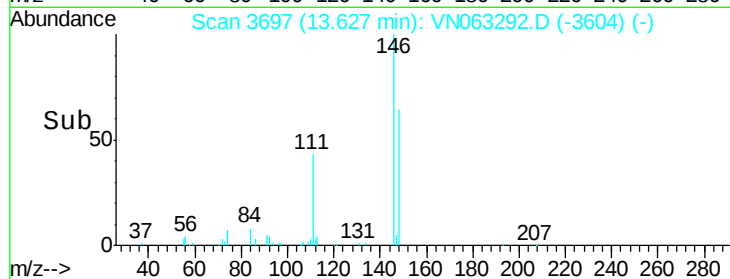
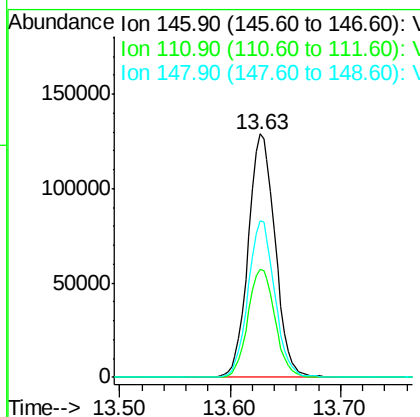
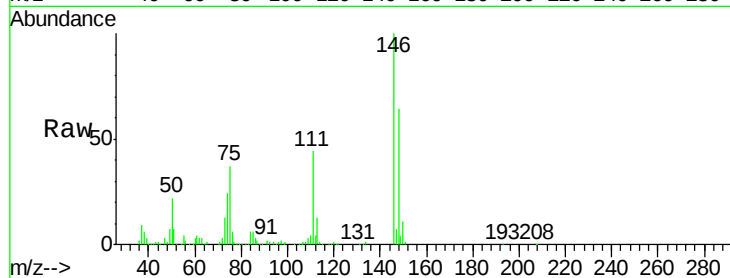
#91
 1,2-Dichlorobenzene
 Concen: 21.737 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.1	66.5
148	63.4	31.8	95.3

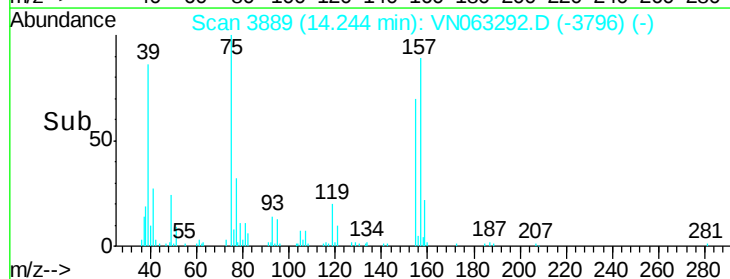
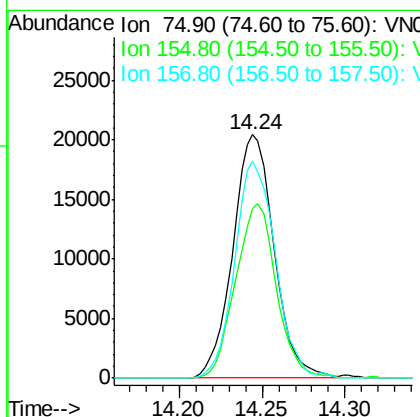
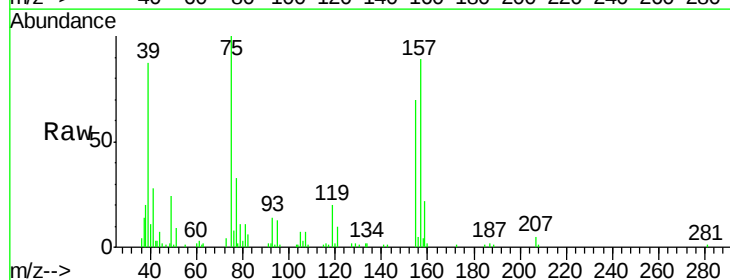
Manual Integrations
 APPROVED

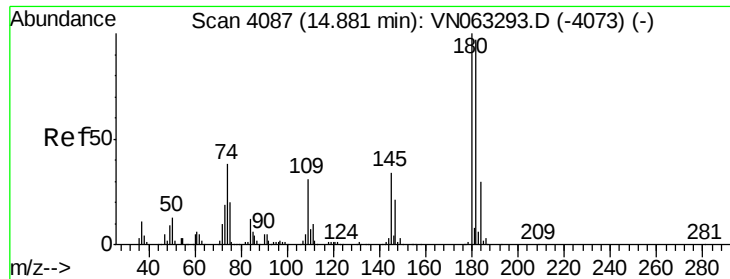
MMDadoda
 9/11/2020 2:02:23 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.260 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.2	35.3	105.7
157	87.8	46.7	140.0





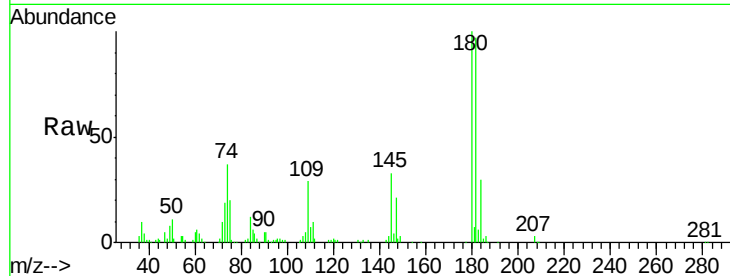
#93
 1,2,4-Trichlorobenzene
 Concen: 21.526 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

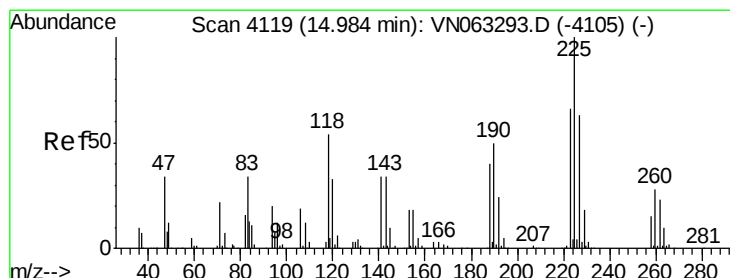
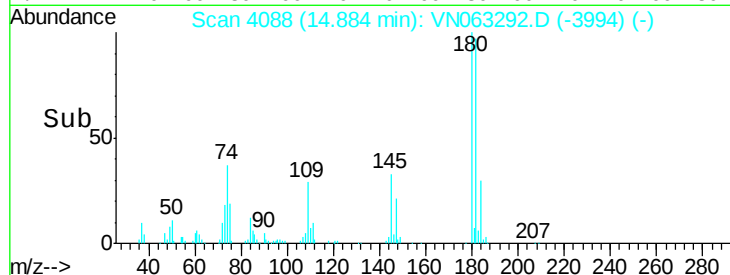
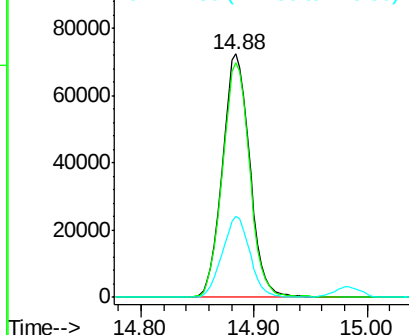
Tot Ion	Ratio	Resp	Lower	Upper
180	100	121730		
182	95.6	48.0	144.2	
145	33.5	16.6	49.8	

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:23 PM

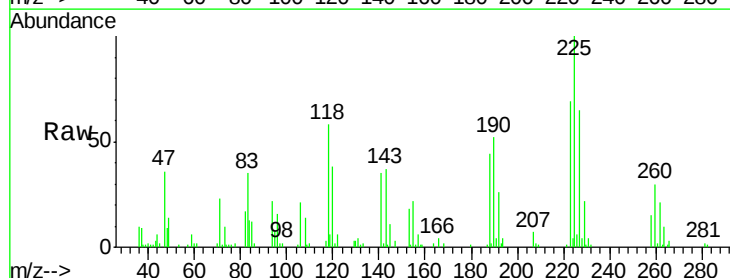


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

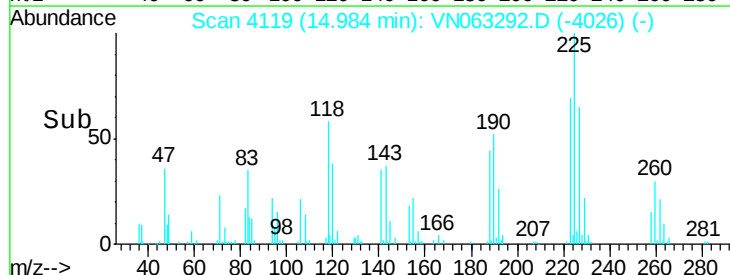
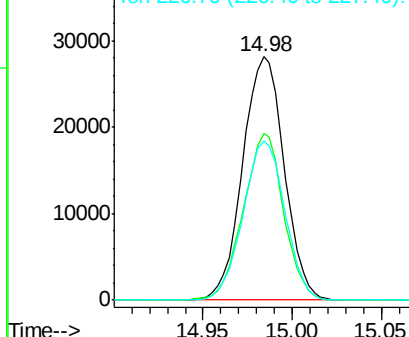


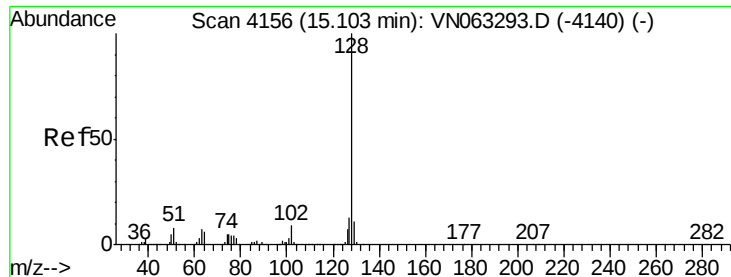
#94
 Hexachlorobutadiene
 Concen: 21.427 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	45797		
223	66.4	31.3	93.9	
227	65.7	31.2	93.6	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.835 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

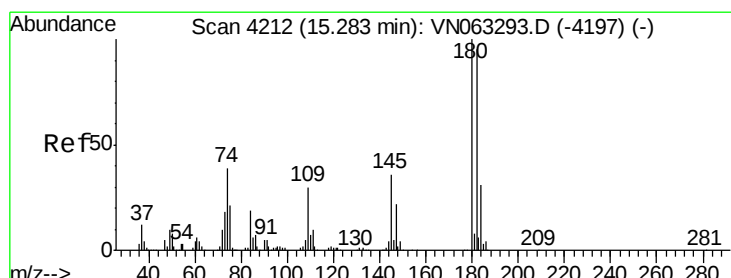
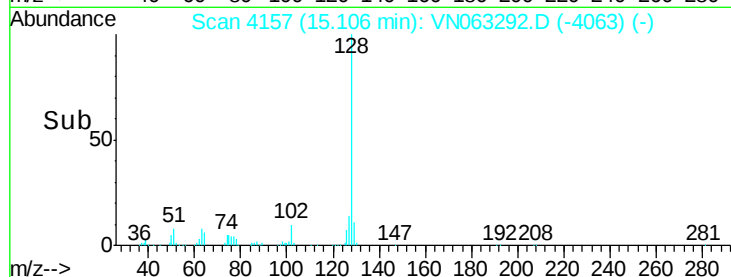
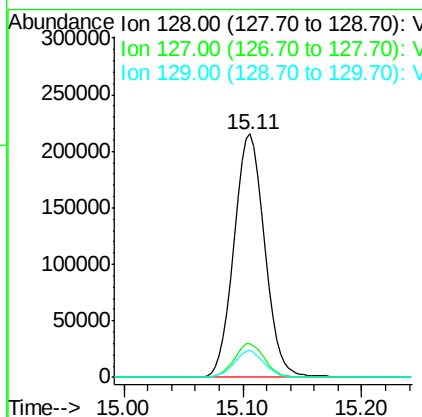
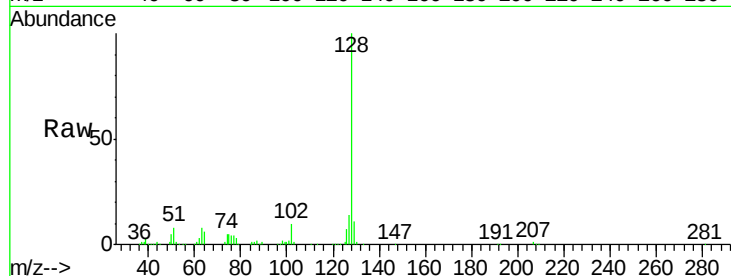
ClientSampleId :

VSTDIC020

Tot Ion:	128	Resp:	385532
Ion Ratio		Lower	Upper
128	100		
127	13.7	10.3	15.5
129	10.6	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/11/2020 2:02:23 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.351 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Tgt Ion:	180	Resp:	117614
Ion Ratio		Lower	Upper
180	100		
182	96.8	47.4	142.3
145	34.2	17.2	51.6

