

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063291.D
 Acq On : 10 Sep 2020 13:08
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:20 PM

Quant Time: Sep 10 14:54:38 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	7.62	168	467558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	825113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	723224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	317752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	37126	4.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.92%	
35) Dibromofluoromethane	7.55	113	26914	5.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.26%	
50) Toluene-d8	10.06	98	103460	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
62) 4-Bromofluorobenzene	12.38	95	37066	5.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	23731	5.205	ug/l	98
3) Chloromethane	2.04	50	32867	4.953	ug/l	99
4) Vinyl Chloride	2.17	62	31185	4.336	ug/l	93
5) Bromomethane	2.53	94	25539	4.402	ug/l	98
6) Chloroethane	2.68	64	21068	3.832	ug/l	92
7) Trichlorofluoromethane	2.98	101	47890	4.411	ug/l	99
8) Diethyl Ether	3.37	74	17092	4.859	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	25765	5.144	ug/l	99
10) Methyl Iodide	3.91	142	28181	4.153	ug/l	98
11) Tert butyl alcohol	4.73	59	22852	24.665	ug/l #	91
12) 1,1-Dichloroethene	3.70	96	24195	4.776	ug/l #	86
13) Acrolein	3.58	56	10997m	31.885	ug/l	
14) Allyl chloride	4.27	41	47041	5.152	ug/l	98
15) Acrylonitrile	4.93	53	58006	24.207	ug/l	98
16) Acetone	3.78	43	57579	26.340	ug/l	98
17) Carbon Disulfide	4.01	76	71976	4.764	ug/l	96
18) Methyl Acetate	4.28	43	29373	5.271	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	88523	4.739	ug/l	99
20) Methylene Chloride	4.51	84	30427	4.687	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	27838	5.002	ug/l	95
22) Diisopropyl ether	5.90	45	102790	5.079	ug/l	93
23) Vinyl Acetate	5.84	43	388260	24.112	ug/l	100
24) 1,1-Dichloroethane	5.79	63	54660	4.921	ug/l #	97
25) 2-Butanone	6.78	43	86586	25.768	ug/l	98
26) 2,2-Dichloropropane	6.77	77	47898	4.751	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	32321	4.778	ug/l	97
28) Bromochloromethane	7.14	49	25688	4.517	ug/l	92
29) Tetrahydrofuran	7.16	42	54156	23.407	ug/l	94
30) Chloroform	7.33	83	53055	4.583	ug/l	100
31) Cyclohexane	7.62	56	61241	5.866	ug/l #	81
32) 1,1,1-Trichloroethane	7.53	97	47549	4.781	ug/l	98
36) 1,1-Dichloropropene	7.75	75	40354	5.084	ug/l	98
37) Ethyl Acetate	6.88	43	39876	5.865	ug/l #	96
38) Carbon Tetrachloride	7.73	117	39497	4.922	ug/l	97

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 ALS Vial : 4 Sample Multiplier: 1

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	45769	5.159	ug/l	96
40) Benzene	8.00	78	118312	5.107	ug/l	99
41) Methacrylonitrile	7.12	41	13898	4.053	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	43751	5.034	ug/l	98
43) Isopropyl Acetate	8.13	43	65635	5.076	ug/l #	79
44) Trichloroethene	8.80	130	29953	5.252	ug/l	96
45) 1,2-Dichloropropane	9.08	63	31919	5.159	ug/l	99
46) Dibromomethane	9.17	93	20616	5.088	ug/l	98
47) Bromodichloromethane	9.37	83	41492	4.785	ug/l	96
48) Methyl methacrylate	9.17	41	32036	5.472	ug/l	96
49) 1,4-Dioxane	9.17	88	10029	111.350	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	184386	26.218	ug/l	100
52) Toluene	10.12	92	71162	4.951	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	43866	4.644	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	50164	5.005	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	27383	4.962	ug/l	98
56) Ethyl methacrylate	10.40	69	40661	4.832	ug/l	96
57) 1,3-Dichloropropane	10.68	76	48630	4.962	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	111422	25.742	ug/l	99
59) 2-Hexanone	10.72	43	132378	26.680	ug/l	98
60) Dibromochloromethane	10.87	129	28994	4.754	ug/l	99
61) 1,2-Dibromoethane	10.98	107	27410	4.800	ug/l	98
64) Tetrachloroethene	10.60	164	29374	5.536	ug/l	94
65) Chlorobenzene	11.41	112	75961	5.223	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	28502	5.309	ug/l	97
67) Ethyl Benzene	11.49	91	135601	5.115	ug/l	99
68) m/p-Xylenes	11.59	106	103102	10.536	ug/l	92
69) o-Xylene	11.92	106	47007	4.971	ug/l	96
70) Styrene	11.94	104	76007	4.692	ug/l	99
71) Bromoform	12.10	173	17083	4.660	ug/l #	96
73) Isopropylbenzene	12.23	105	130360	5.394	ug/l	96
74) N-amyl acetate	12.05	43	47547	4.708	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	34806	5.012	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	35295m	5.193	ug/l	
77) Bromobenzene	12.50	156	28189	5.132	ug/l	99
78) n-propylbenzene	12.57	91	143854	5.145	ug/l	99
79) 2-Chlorotoluene	12.65	91	88805	5.288	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	103000	5.098	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.28	75	11993	4.693	ug/l	97
82) 4-Chlorotoluene	12.75	91	89583	5.149	ug/l	98
83) tert-Butylbenzene	12.97	119	88456	5.130	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	103420	5.079	ug/l	96
85) sec-Butylbenzene	13.15	105	113977	5.095	ug/l	99
86) p-Isopropyltoluene	13.26	119	101099	5.078	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	50376	5.005	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	51973	5.006	ug/l	89
89) n-Butylbenzene	13.59	91	88773	4.820	ug/l	99
90) Hexachloroethane	13.85	117	14890	4.057	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	52675	5.391	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	7100	4.566	ug/l	96

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

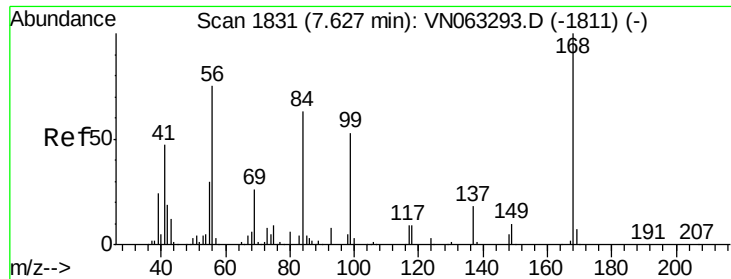
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Sep 10 14:25:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	28313	5.128	ug/l	97
94) Hexachlorobutadiene	14.98	225	11375	5.451	ug/l	96
95) Naphthalene	15.11	128	83677	4.631	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	27361	5.087	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 467558

Ion Ratio Lower Upper

168 100

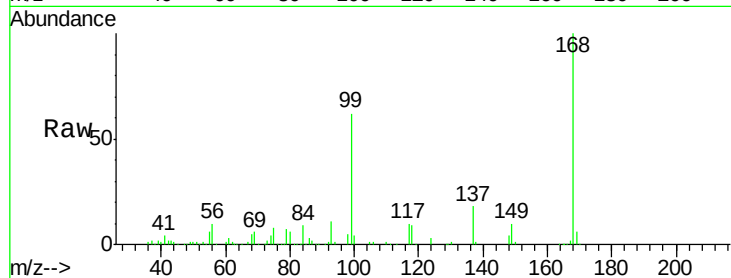
99 62.0 51.1 76.7

Manual Integrations

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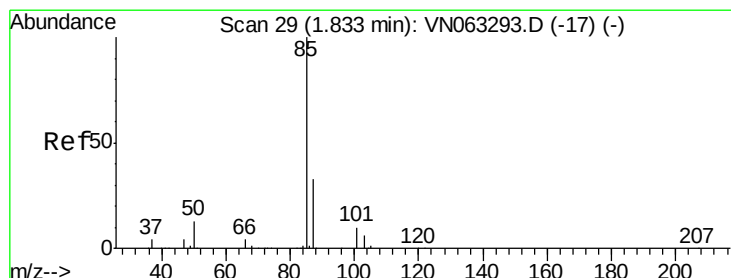
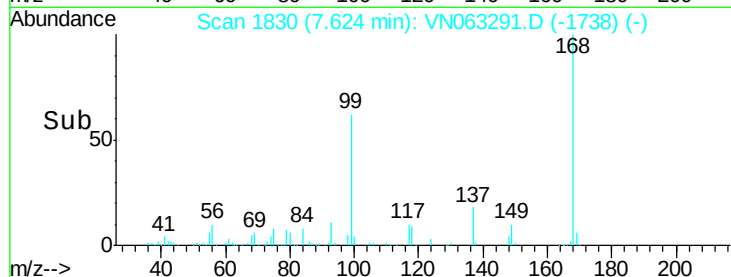
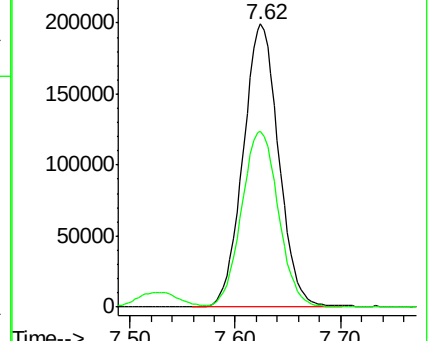
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 5.205 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063291.D

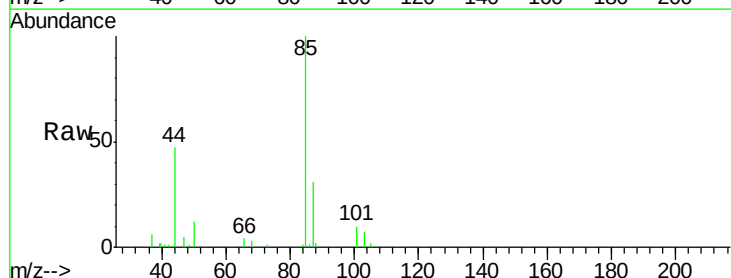
Acq: 10 Sep 2020 13:08

Tgt Ion: 85 Resp: 23731

Ion Ratio Lower Upper

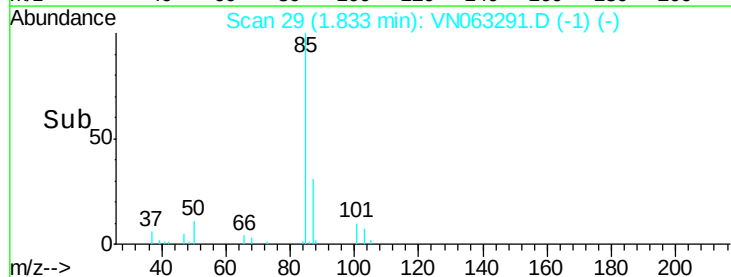
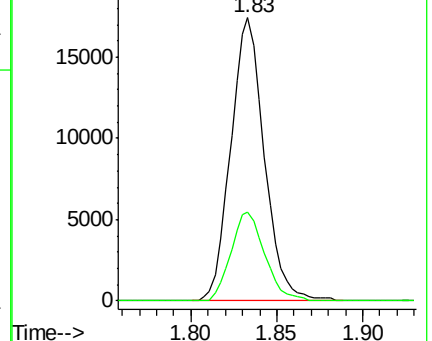
85 100

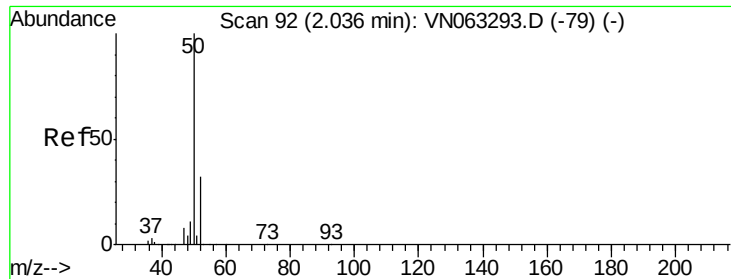
87 31.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 4.953 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 50 Resp: 32867

Ion Ratio Lower Upper

50 100

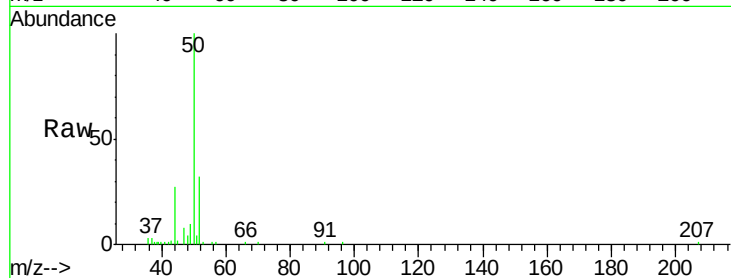
52 32.1 25.4 38.2

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

25000

20000

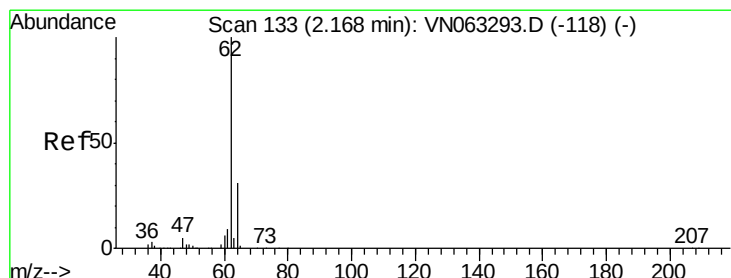
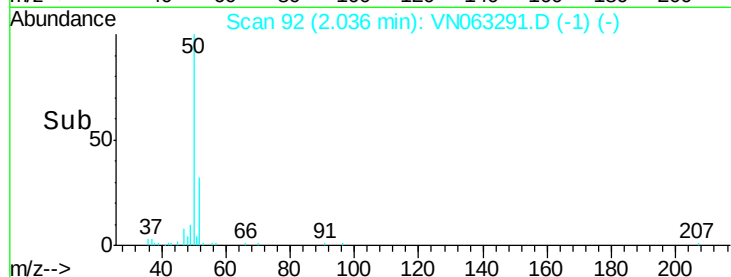
15000

10000

5000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 4.336 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063291.D

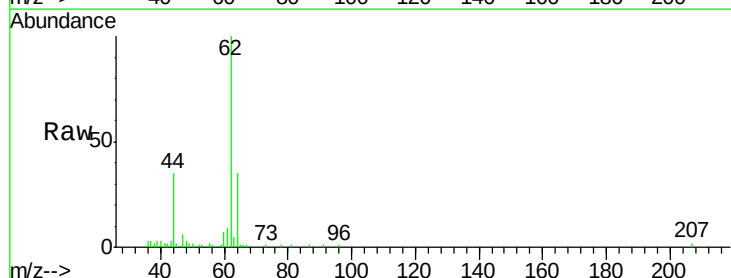
Acq: 10 Sep 2020 13:08

Tgt Ion: 62 Resp: 31185

Ion Ratio Lower Upper

62 100

64 34.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

25000

20000

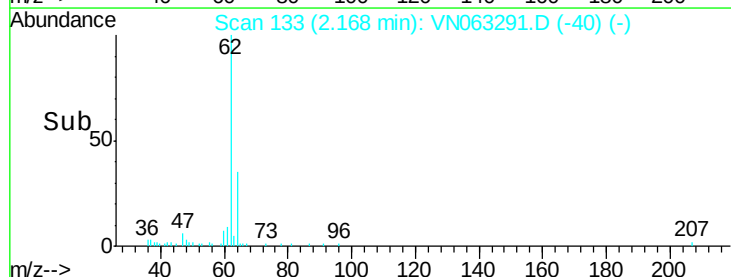
15000

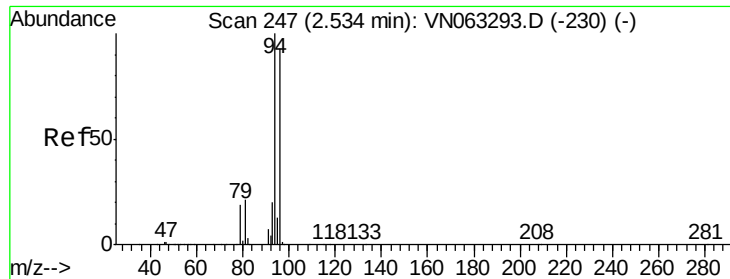
10000

5000

0

Time--> 2.10 2.15 2.20





#5

Bromomethane

Concen: 4.402 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 94 Resp: 25539

Ion Ratio Lower Upper

94 100

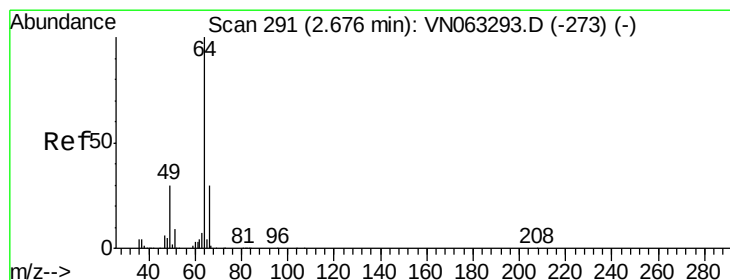
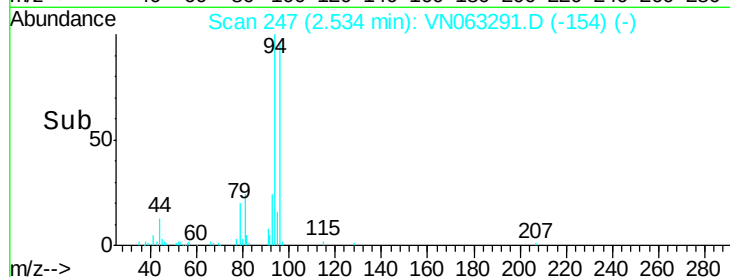
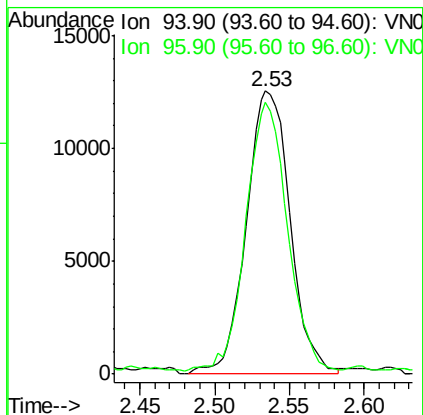
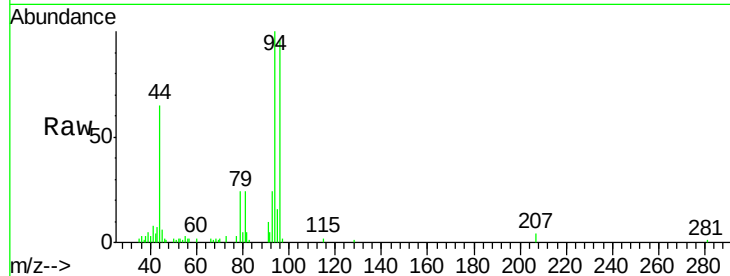
96 94.4 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 3.832 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN063291.D

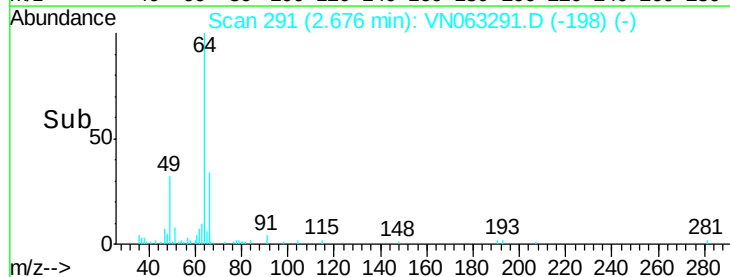
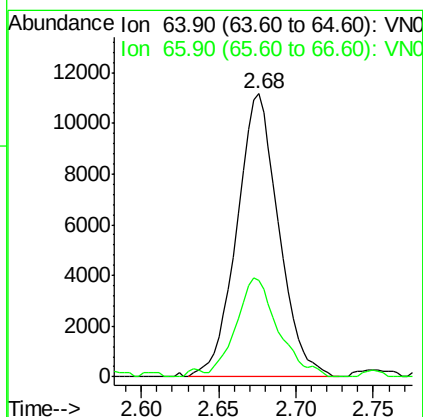
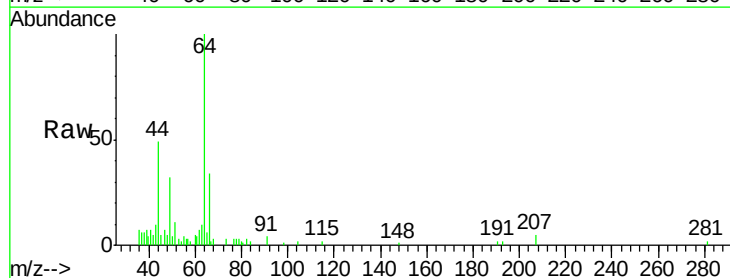
Acq: 10 Sep 2020 13:08

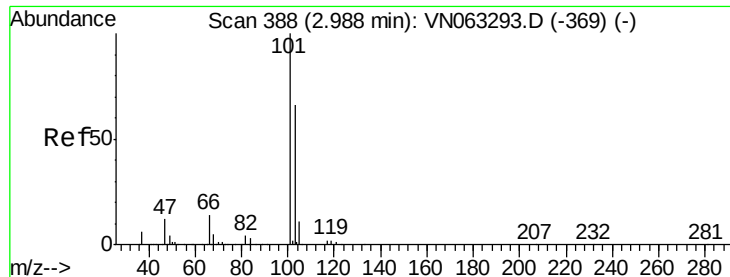
Tgt Ion: 64 Resp: 21068

Ion Ratio Lower Upper

64 100

66 34.2 23.8 35.6





#7

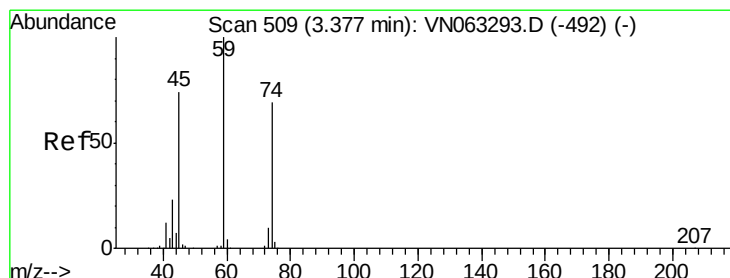
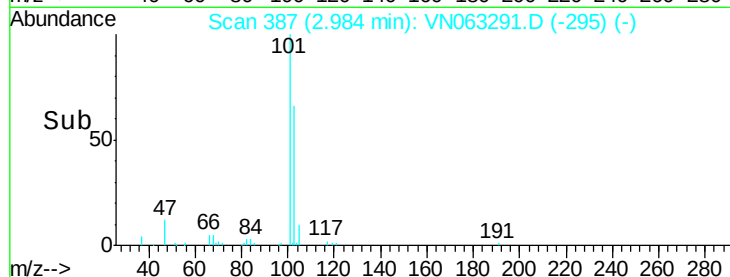
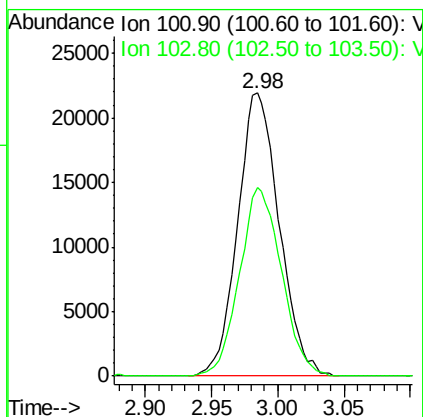
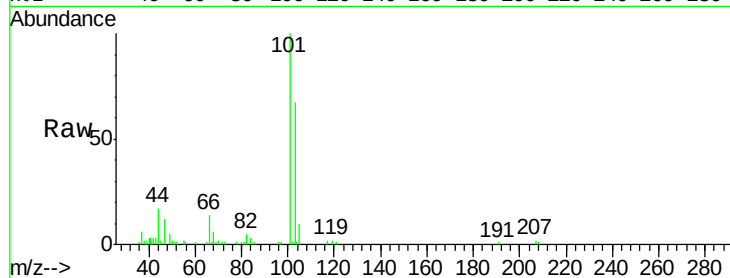
Trichlorofluoromethane
Concen: 4.411 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.4	78.6

Manual Integrations
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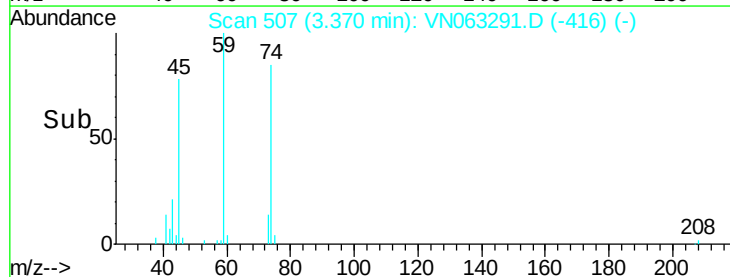
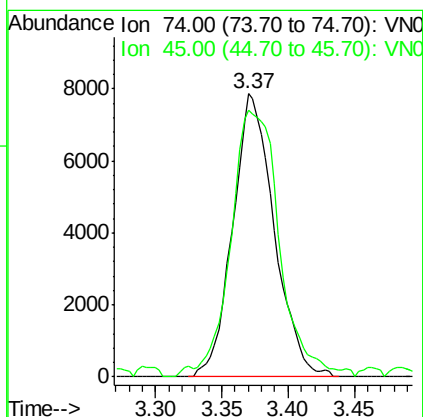
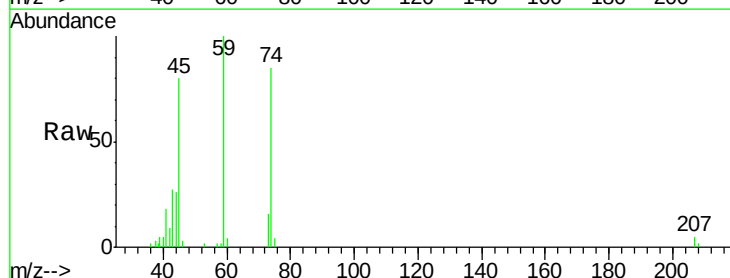
MMDadoda
9/11/2020 2:02:20 PM

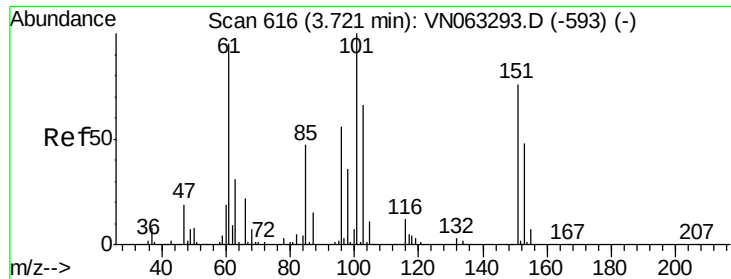


#8

Diethyl Ether
Concen: 4.859 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.01 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.9	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.144 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

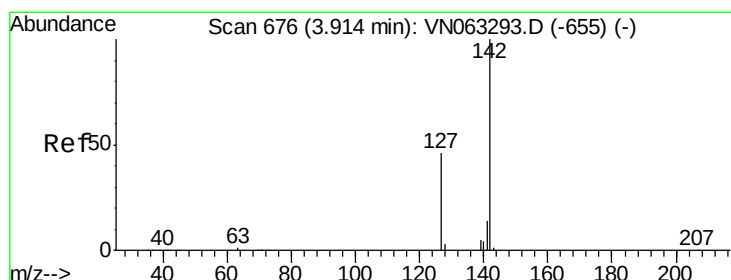
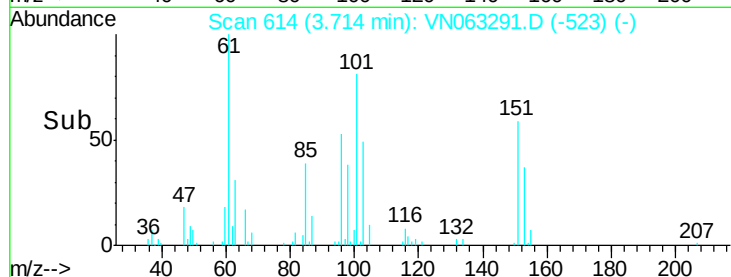
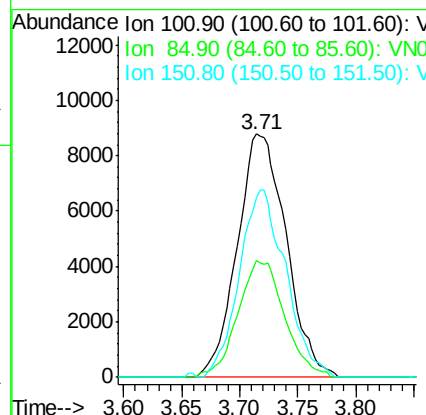
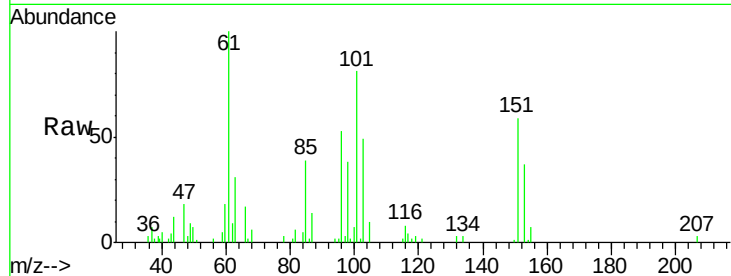
ClientSampled :

VSTDIC005

Tot Ion:	101	Resp:	25765
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.9	55.3
151	73.0	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 4.153 ug/l

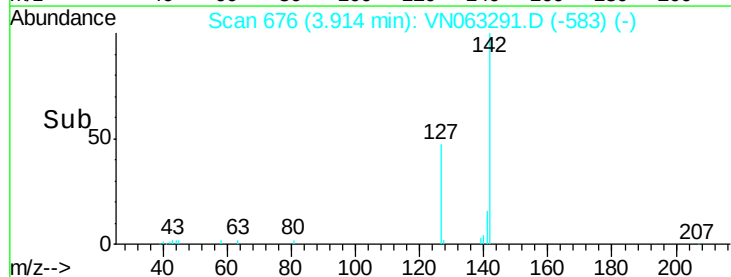
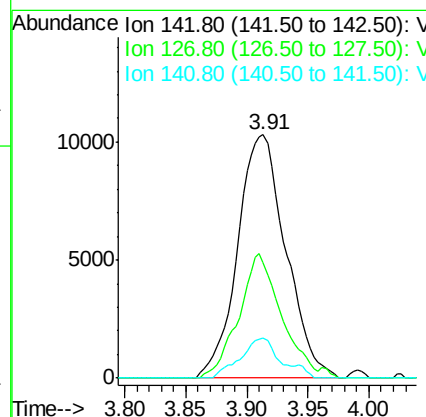
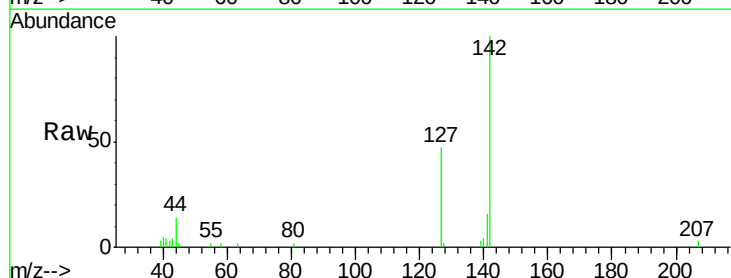
RT: 3.91 min Scan# 676

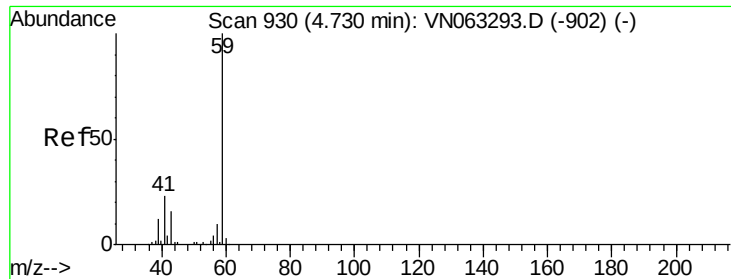
Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion:	142	Resp:	28181
Ion Ratio	Lower	Upper	
142	100		
127	45.0	37.1	55.7
141	13.8	11.6	17.4





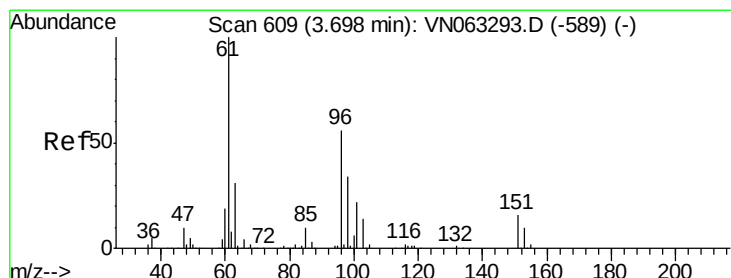
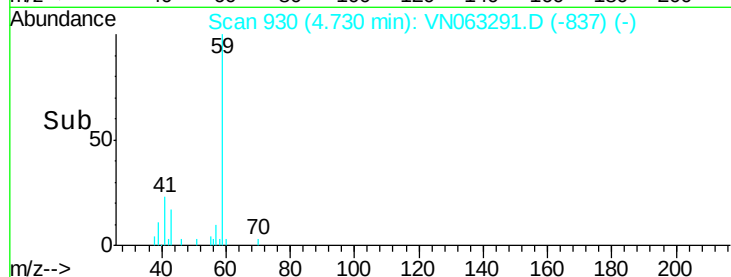
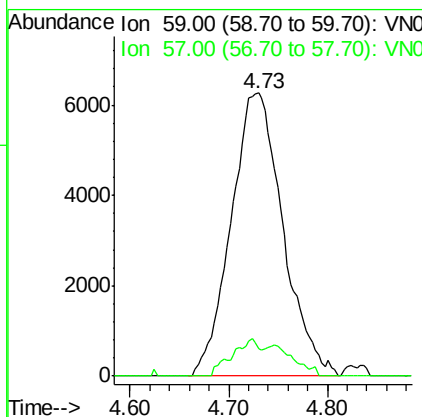
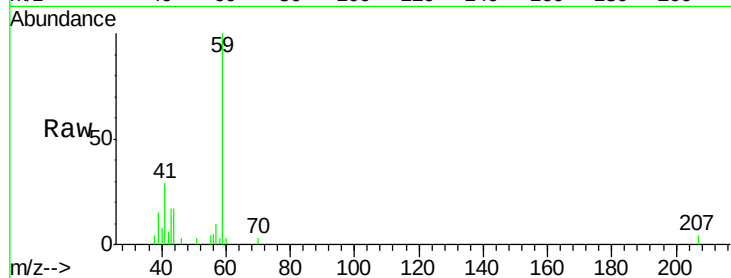
#11
Tert butyl alcohol
Concen: 24.665 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 59 Resp: 22852
Ion Ratio Lower Upper
59 100
57 7.0 8.3 12.5#

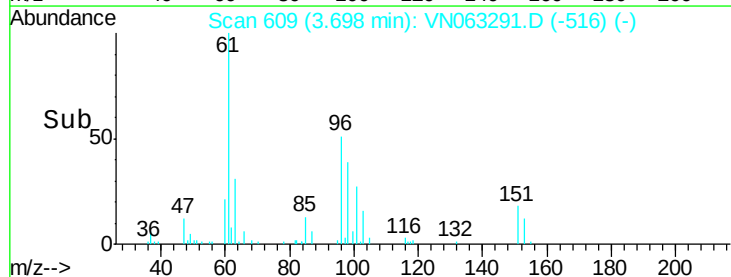
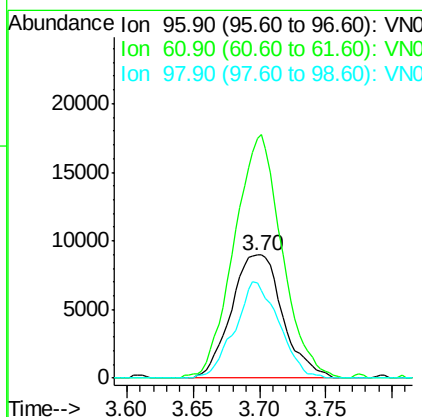
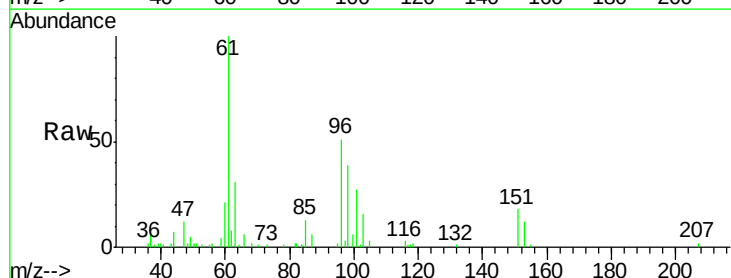
Manual Integrations
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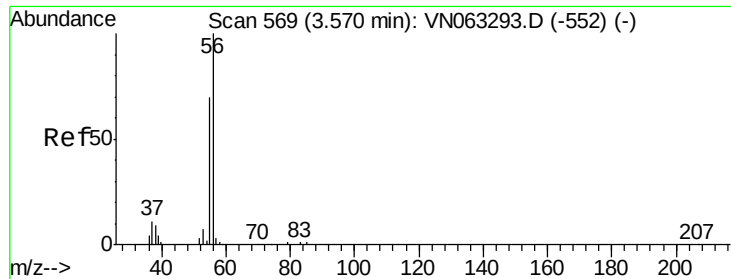
MMDadoda
9/11/2020 2:02:20 PM



#12
1,1-Dichloroethene
Concen: 4.776 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 96 Resp: 24195
Ion Ratio Lower Upper
96 100
61 193.3 142.1 213.1
98 77.0 48.8 73.2#





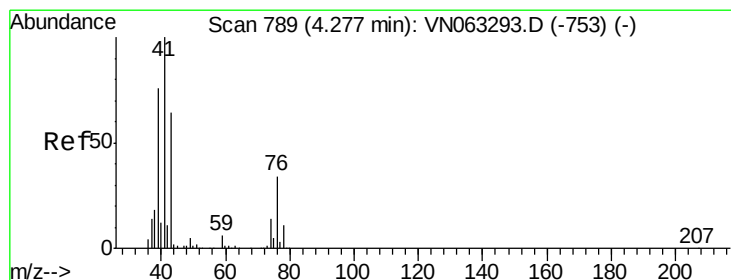
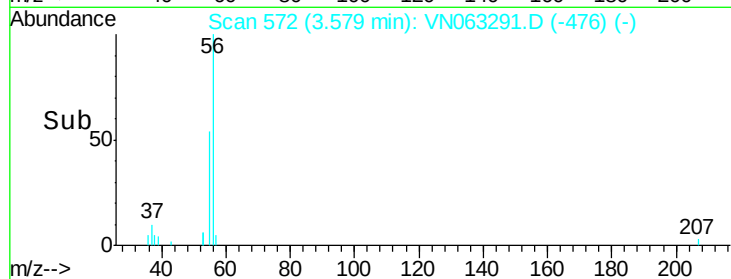
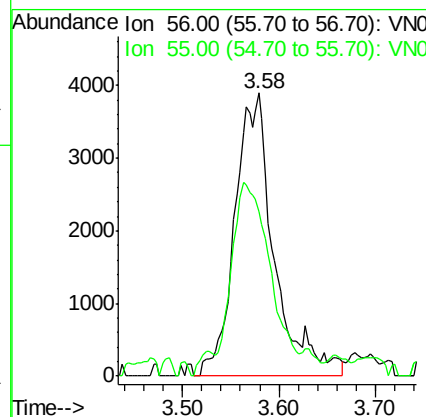
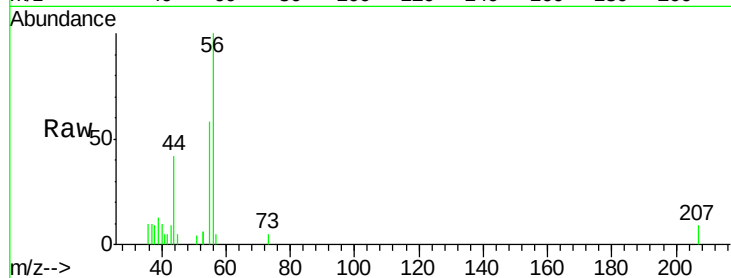
#13
Acrolein
Concen: 31.885 ug/l m
RT: 3.58 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	56	Resp	10997
Ion	Ratio	Lower	Upper
56	100		
55	56.7	57.2	85.8#

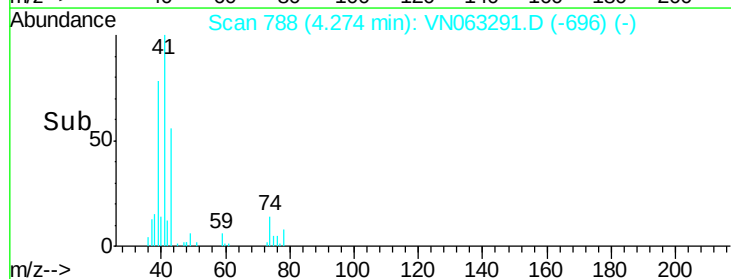
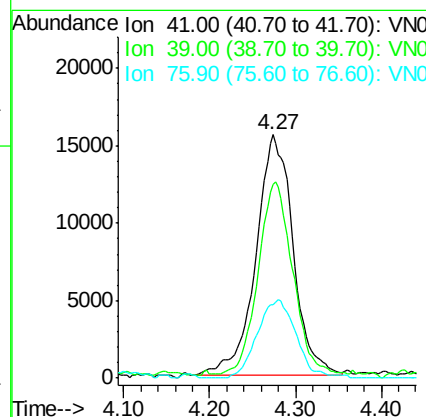
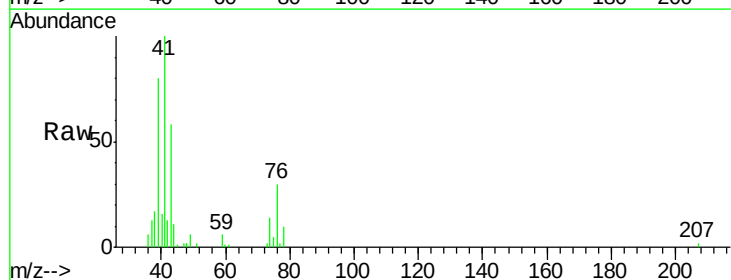
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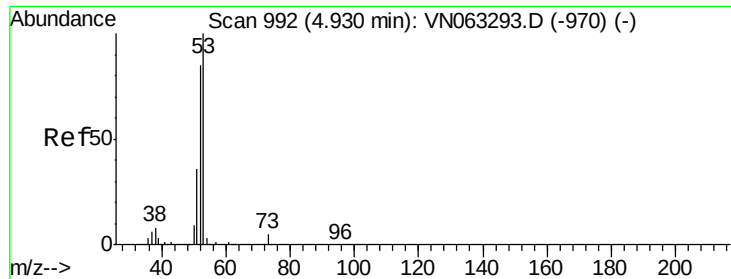
MMDadoda
9/11/2020 2:02:20 PM



#14
Allyl chloride
Concen: 5.152 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	41	Resp	47041
Ion	Ratio	Lower	Upper
41	100		
39	73.8	57.4	86.2
76	33.4	25.7	38.5





#15

Acrylonitrile

Concen: 24.207 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

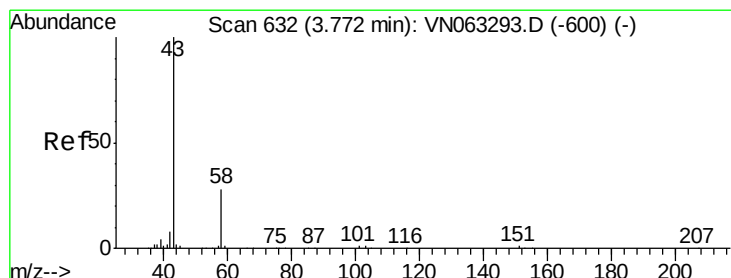
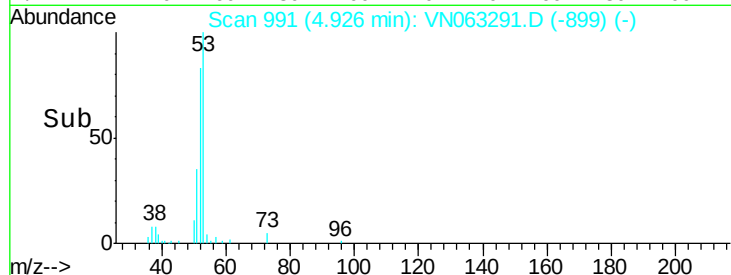
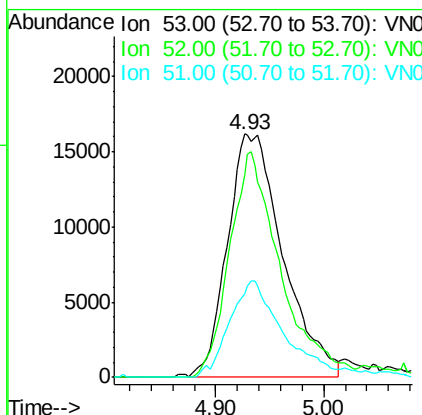
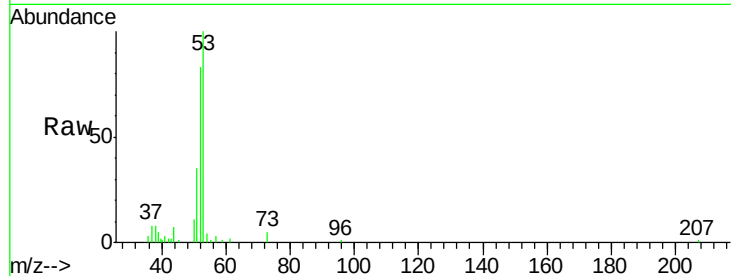
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	58006
Ion Ratio	Lower	Upper	
53	100		
52	84.7	66.5	99.7
51	37.8	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 26.340 ug/l

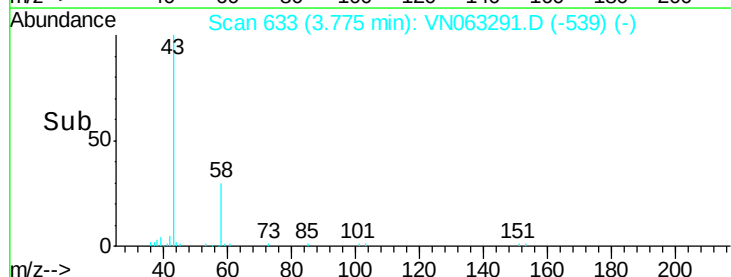
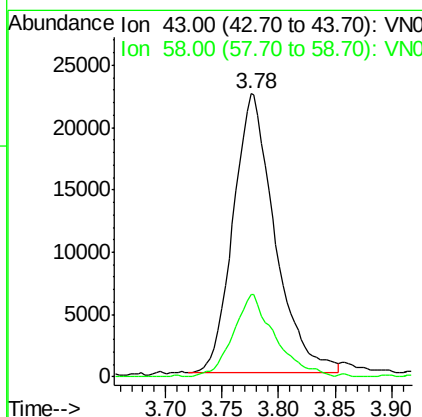
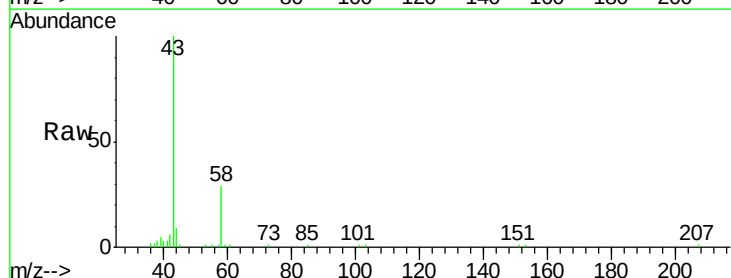
RT: 3.78 min Scan# 633

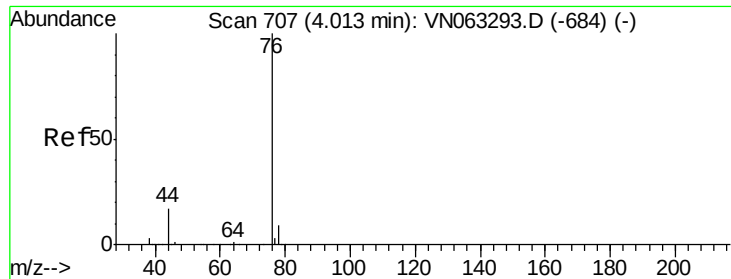
Delta R.T. 0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion:	43	Resp:	57579
Ion Ratio	Lower	Upper	
43	100		
58	29.5	22.6	34.0





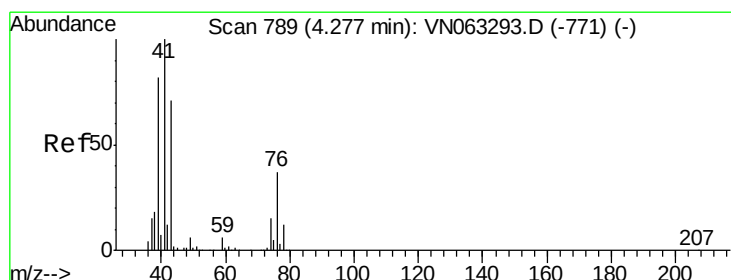
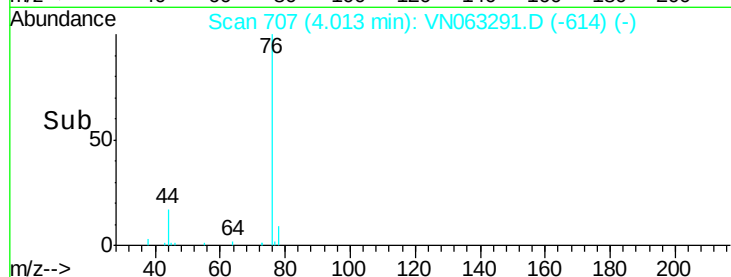
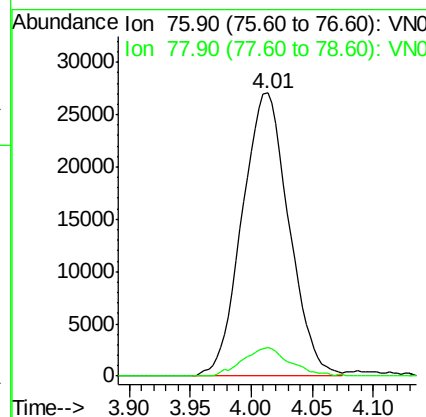
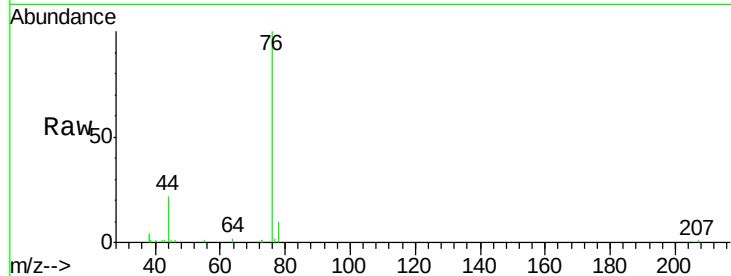
#17
Carbon Disulfide
Concen: 4.764 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 76 Resp: 71976
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8

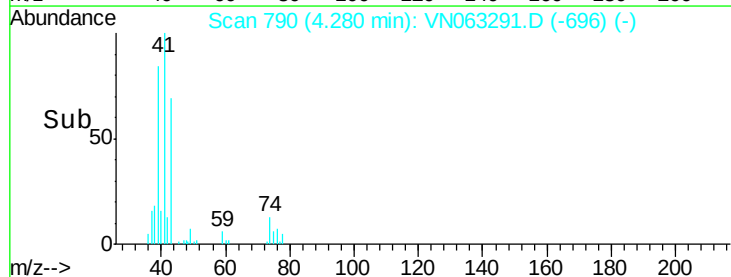
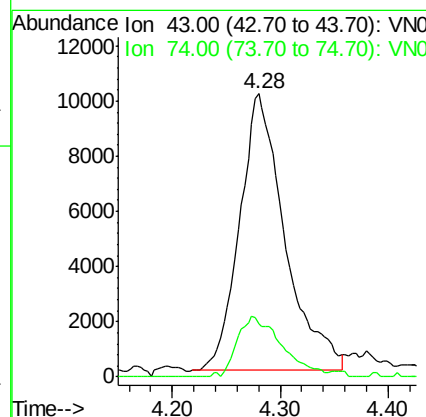
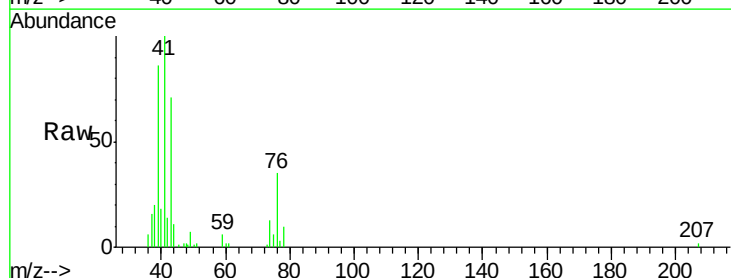
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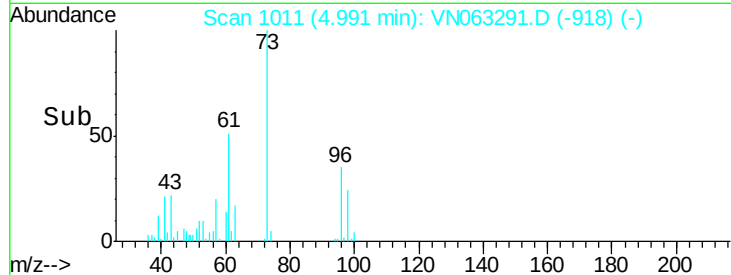
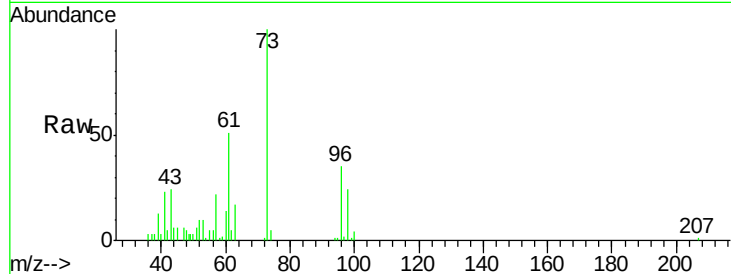
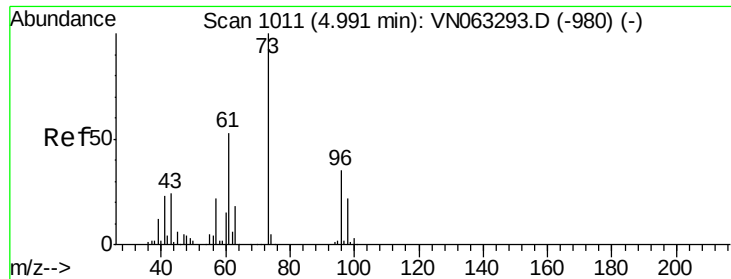
MMDadoda
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#18
Methyl Acetate
Concen: 5.271 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 43 Resp: 29373
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.6





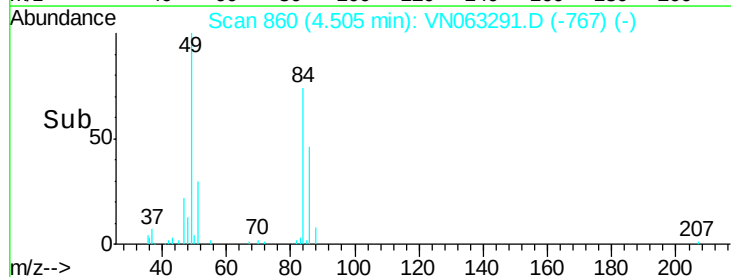
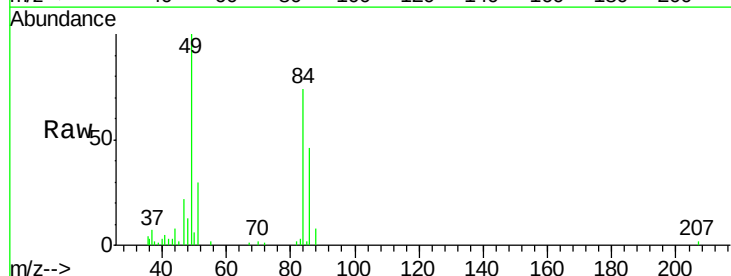
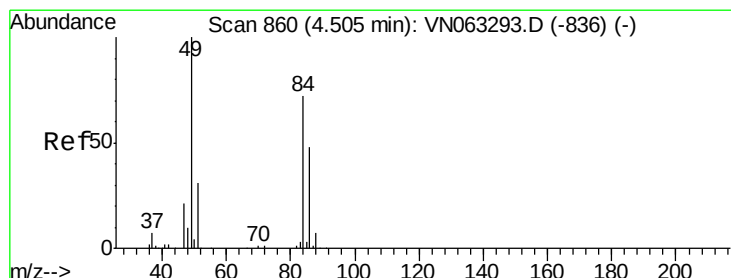
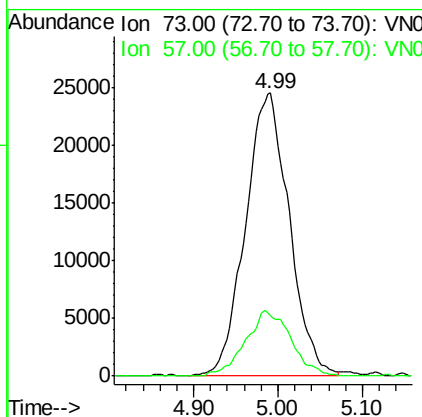
#19
Methyl tert-butyl Ether
Concen: 4.739 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tot Ion: 73 Resp: 88523
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

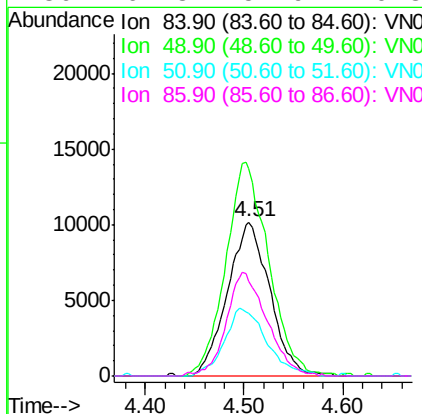
Manual Integrations
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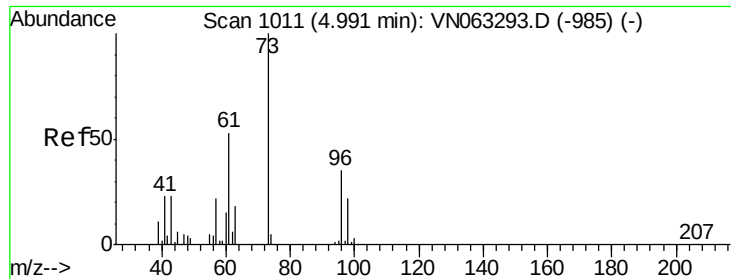
MMDadoda
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#20
Methylene Chloride
Concen: 4.687 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 84 Resp: 30427
Ion Ratio Lower Upper
84 100
49 134.6 111.1 166.7
51 40.5 34.3 51.5
86 61.8 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 5.002 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

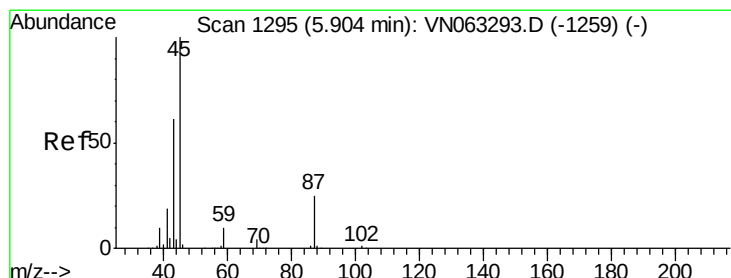
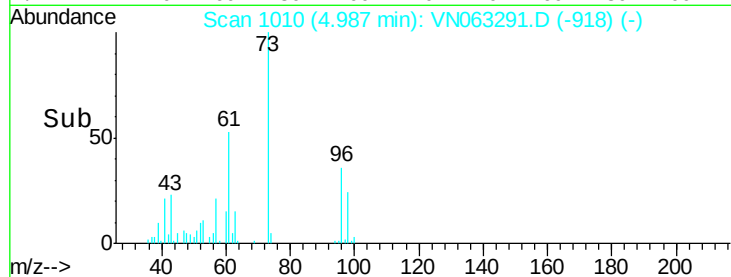
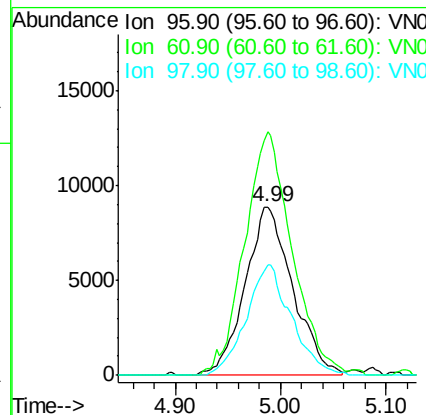
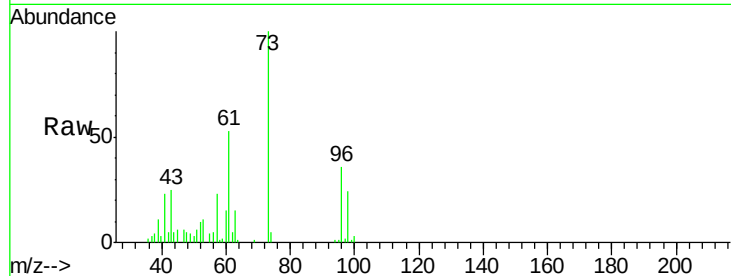
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	27838
Ion	Ratio	Lower	Upper
96	100		
61	144.3	121.8	182.8
98	65.3	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 5.079 ug/l

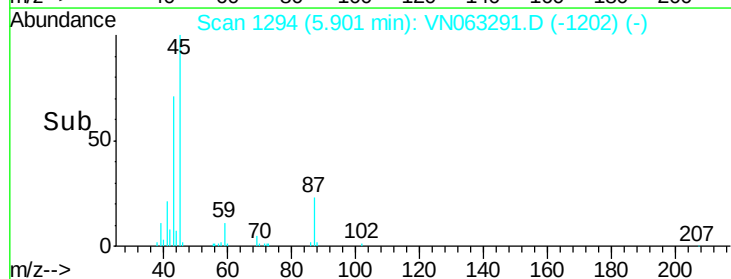
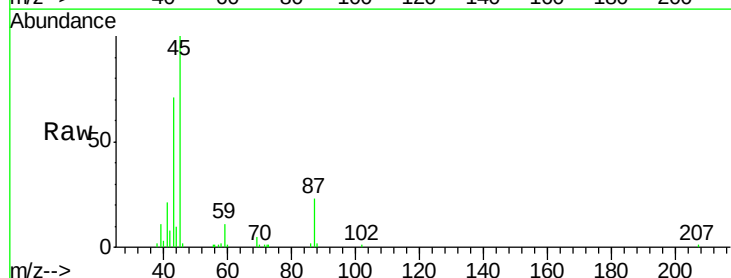
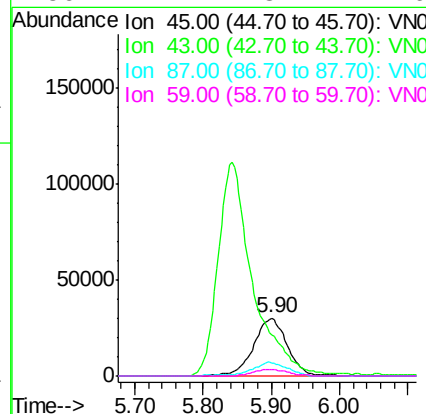
RT: 5.90 min Scan# 1294

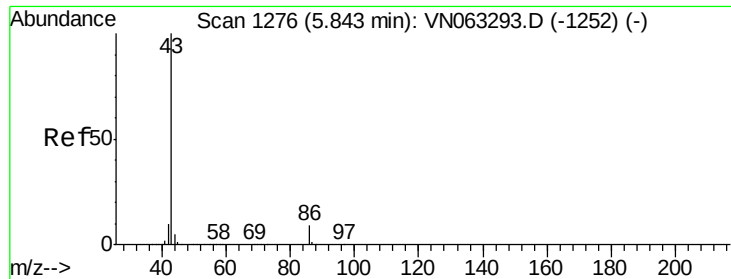
Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion:	45	Resp:	102790
Ion	Ratio	Lower	Upper
45	100		
43	69.2	50.3	75.5
87	23.3	20.7	31.1
59	11.4	8.4	12.6





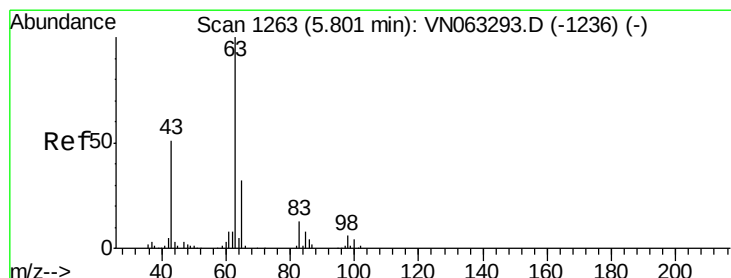
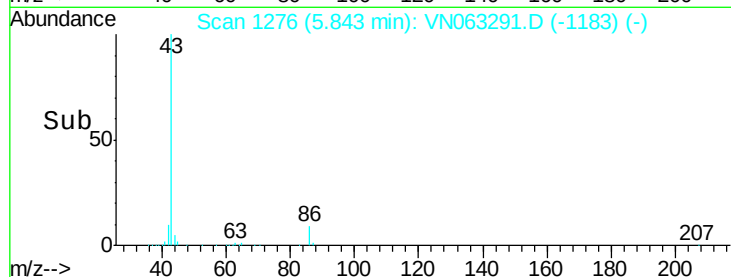
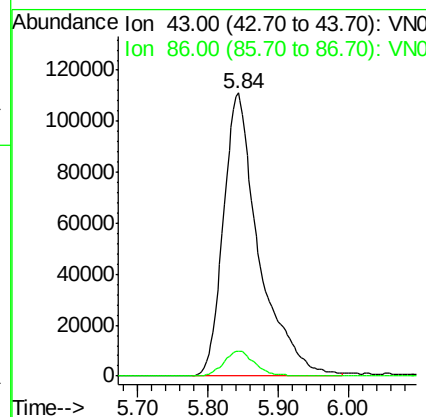
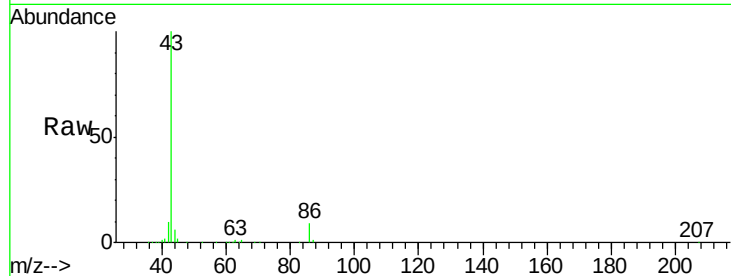
#23
 Vinyl Acetate
 Concen: 24.112 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	43	Resp	388260
Ion Ratio	100	Lower	Upper
43	100		
86	9.0	7.2	10.8

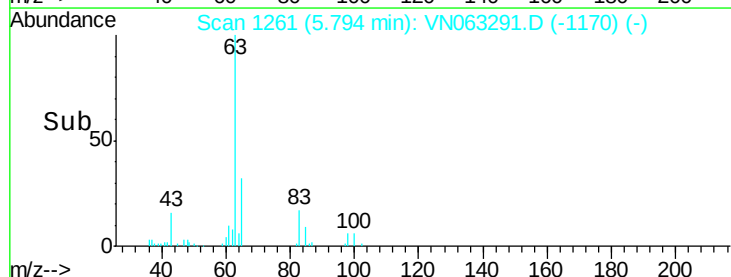
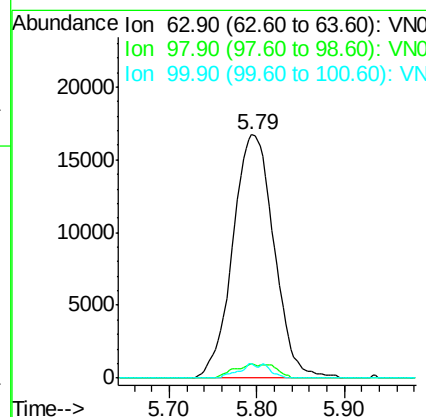
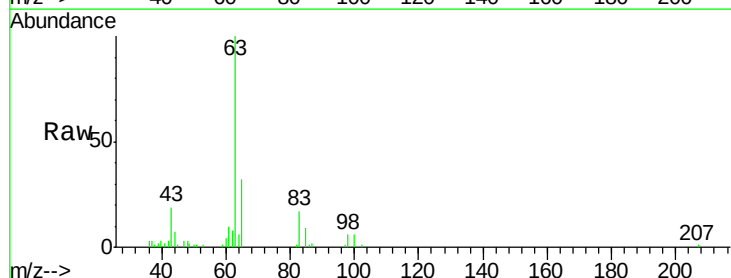
Manual Integrations
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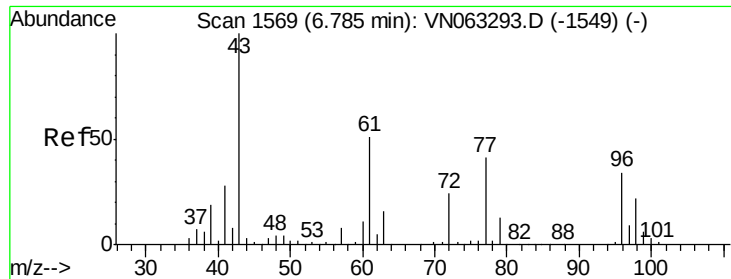
MMDadoda
 9/11/2020 2:02:20 PM



#24
 1,1-Dichloroethane
 Concen: 4.921 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion	63	Resp	54660
Ion Ratio	100	Lower	Upper
63	100		
98	6.0	3.1	9.3
100	6.1	2.0	6.0#





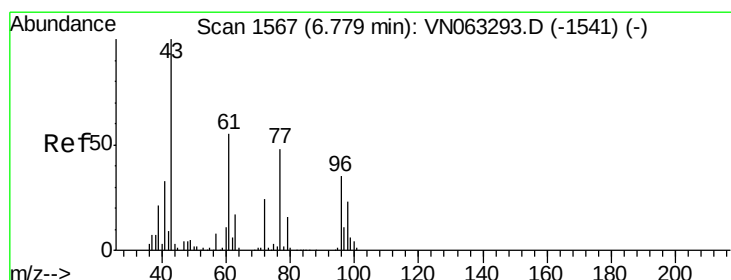
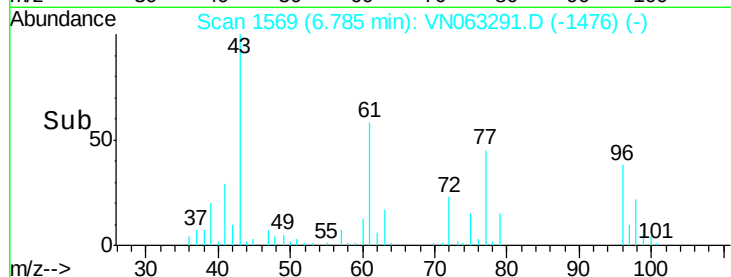
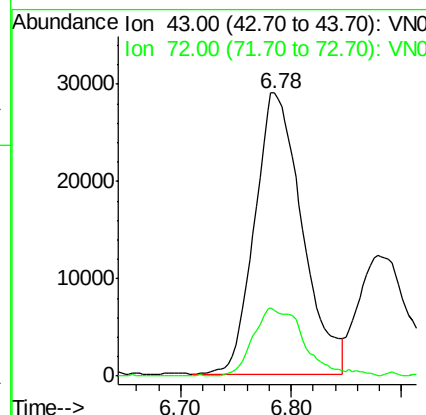
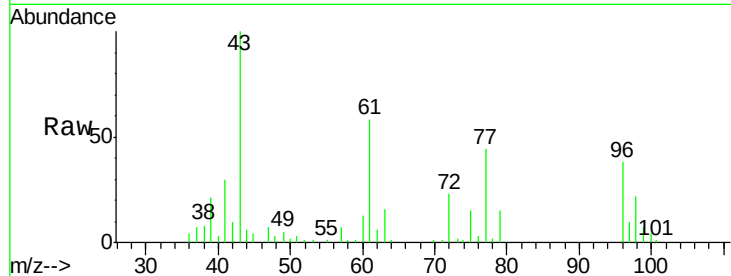
#25
2-Butanone
Concen: 25.768 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 86586
Ion Ratio Lower Upper
43 100
72 23.3 19.4 29.2

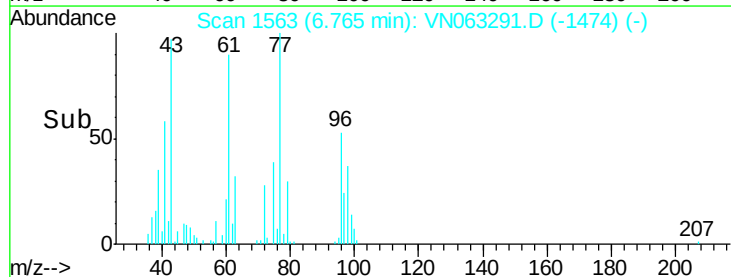
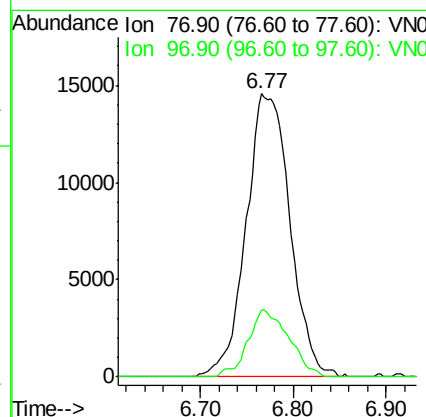
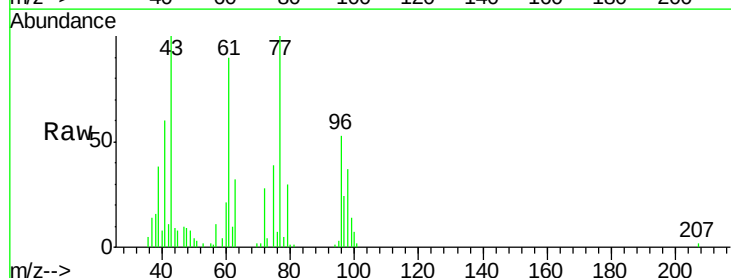
Manual Integrations
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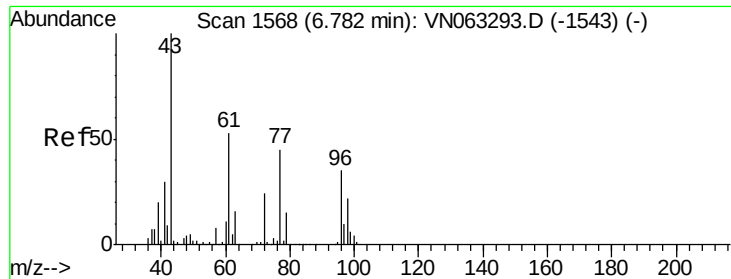
MMDadoda
9/11/2020 2:02:20 PM



#26
2,2-Dichloropropane
Concen: 4.751 ug/l
RT: 6.77 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 77 Resp: 47898
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 4.778 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

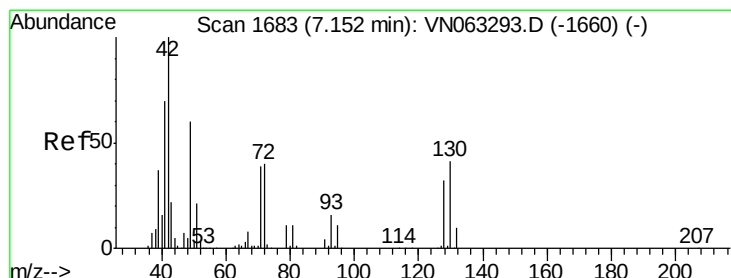
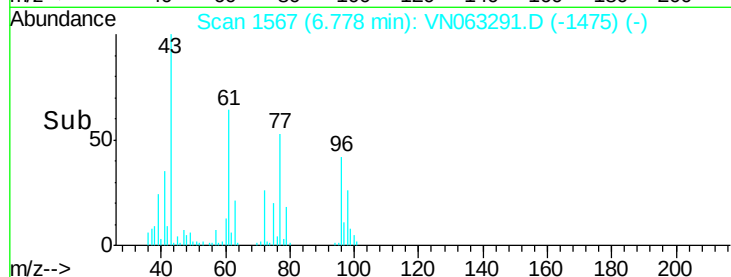
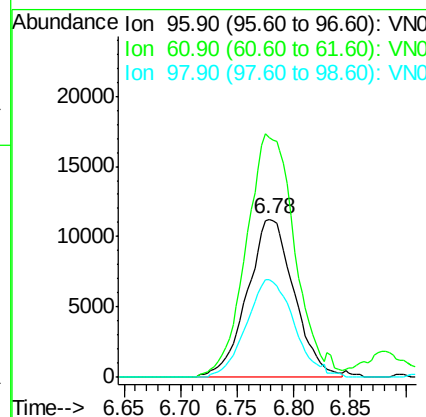
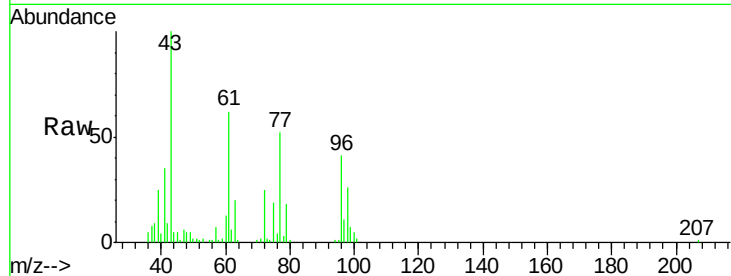
ClientSampled :

VSTDIC005

Tot Ion:	96	Resp:	32321
Ion	Ratio	Lower	Upper
96	100		
61	157.4	0.0	322.8
98	63.2	0.0	132.2

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#28

Bromochloromethane

Concen: 4.517 ug/l

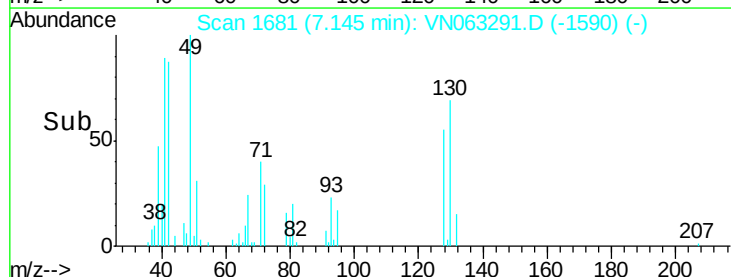
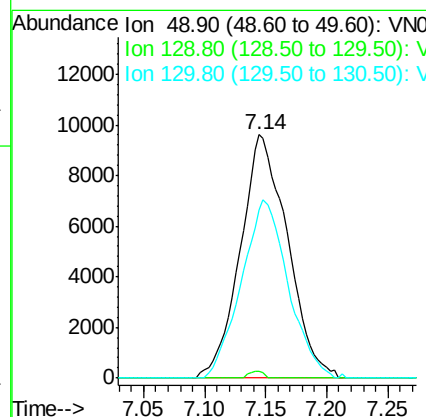
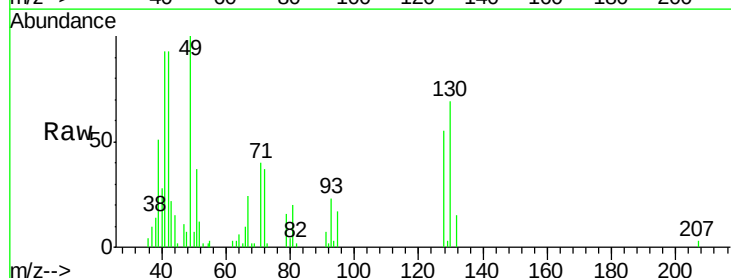
RT: 7.14 min Scan# 1681

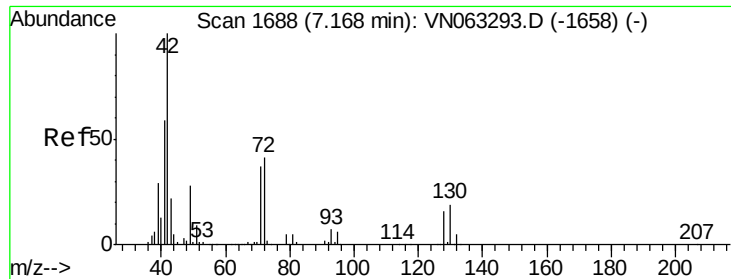
Delta R.T. -0.01 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion:	49	Resp:	25688
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.4
130	72.7	53.1	79.7





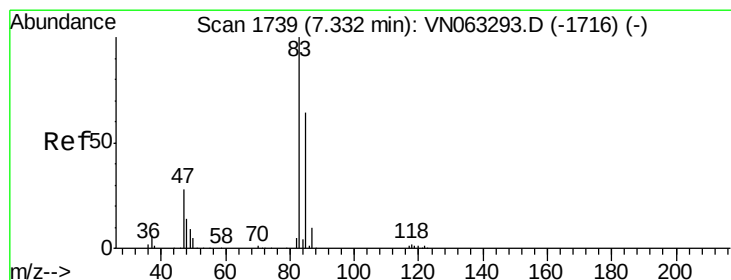
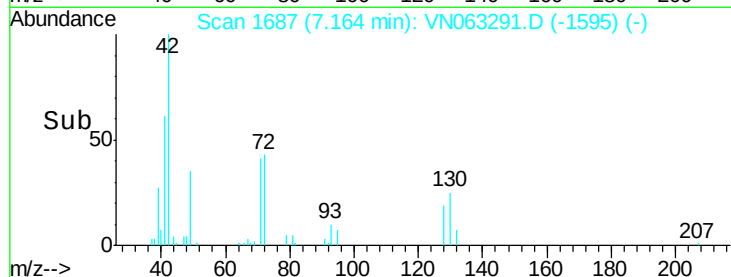
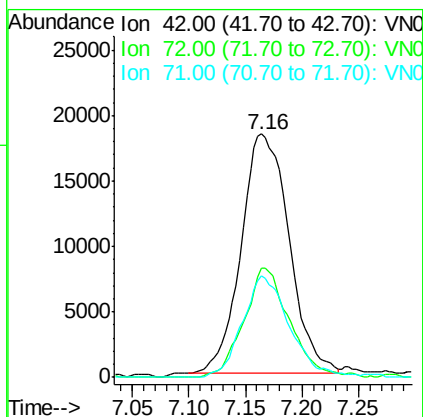
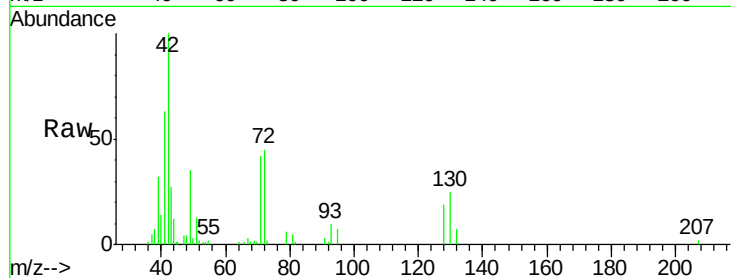
#29
Tetrahydrofuran
Concen: 23.407 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	31.4	47.2
71	41.3	30.0	45.0

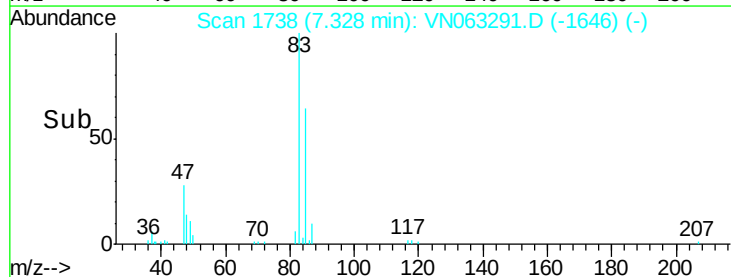
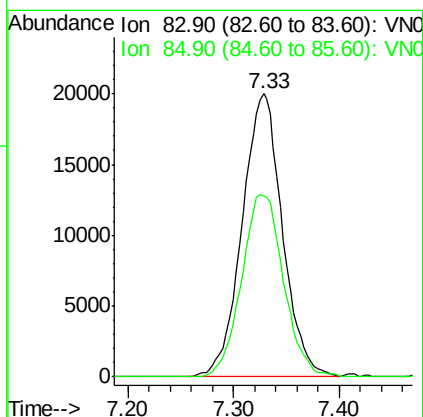
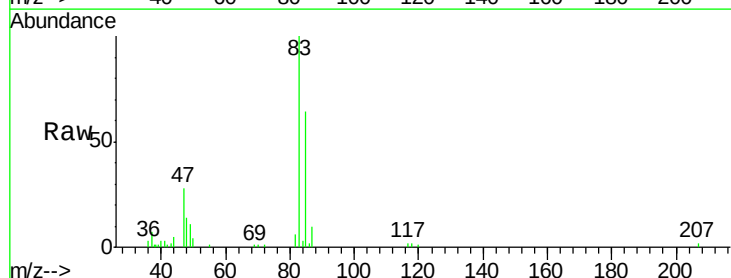
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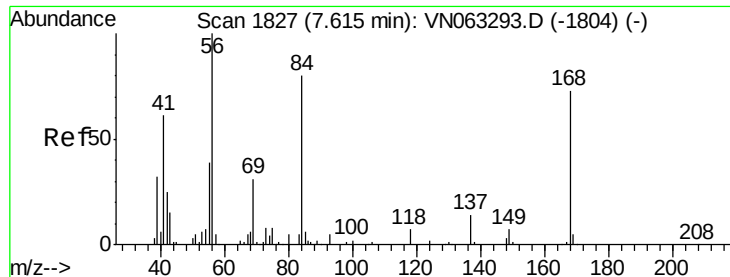
MMDadoda
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#30
Chloroform
Concen: 4.583 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.2	76.8





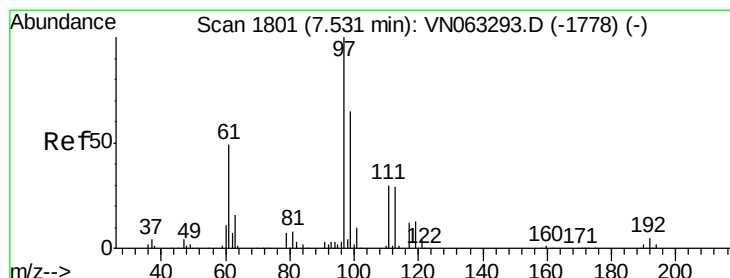
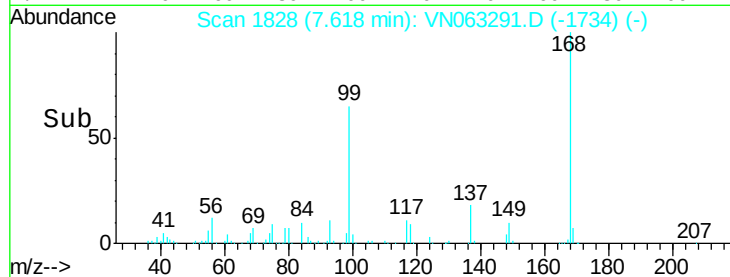
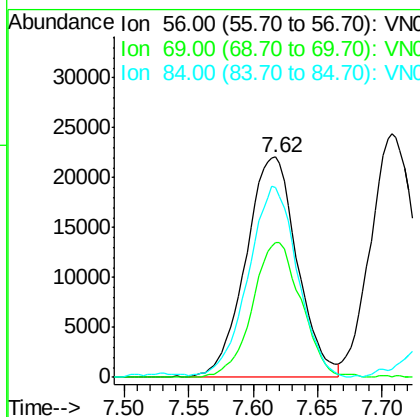
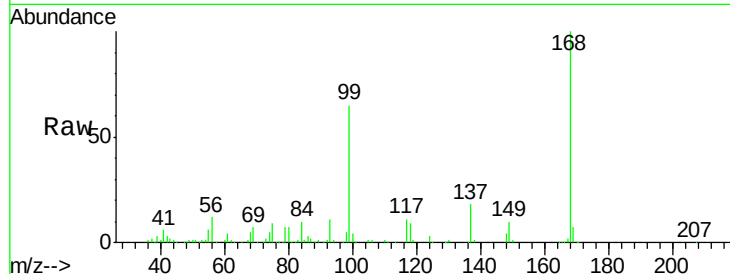
#31
Cyclohexane
Concen: 5.866 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		61241		
69	61.2	25.1	37.7#		
84	85.5	64.2	96.2		

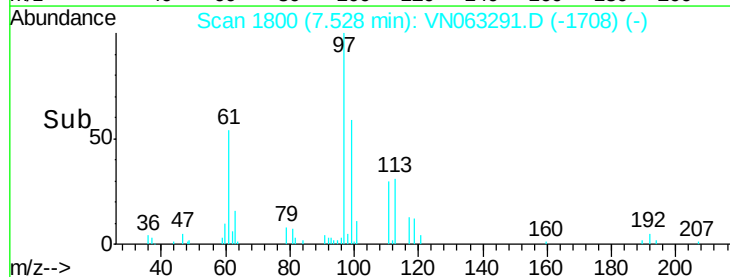
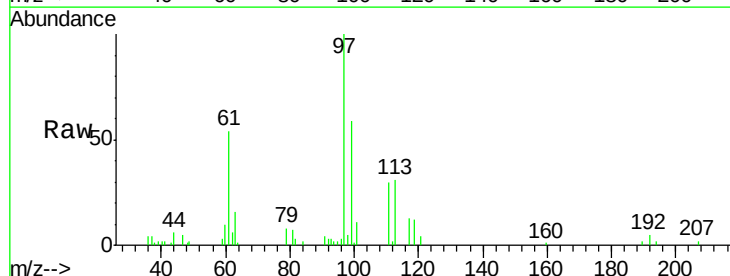
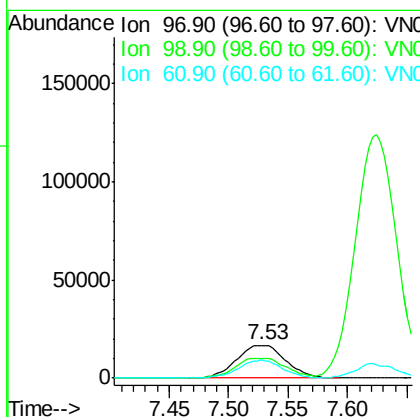
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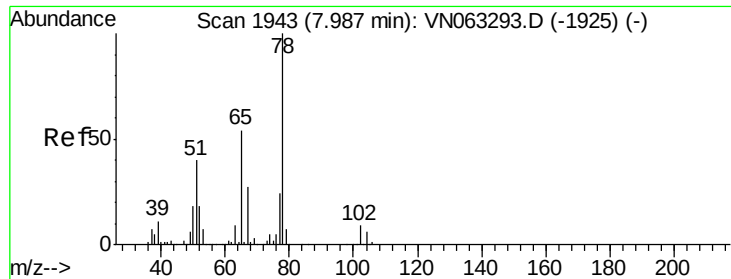
MMDadoda
9/11/2020 2:02:20 PM



#32
1,1,1-Trichloroethane
Concen: 4.781 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		47549		
99	62.6	51.4	77.2		
61	50.0	38.9	58.3		





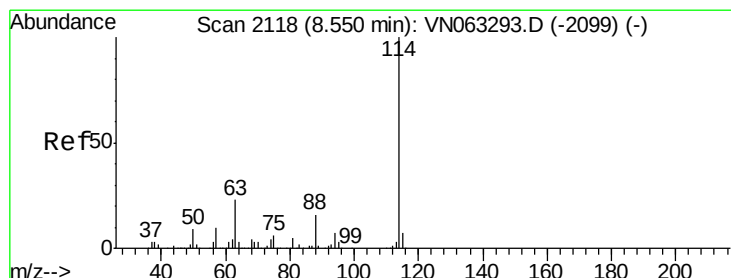
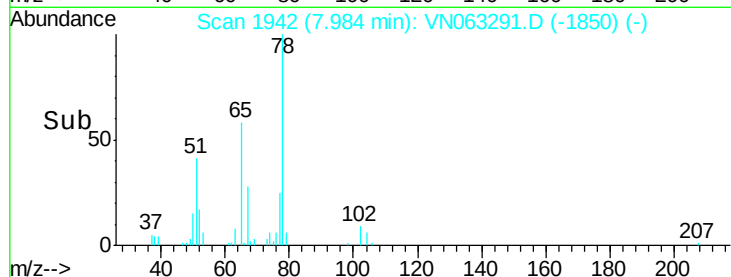
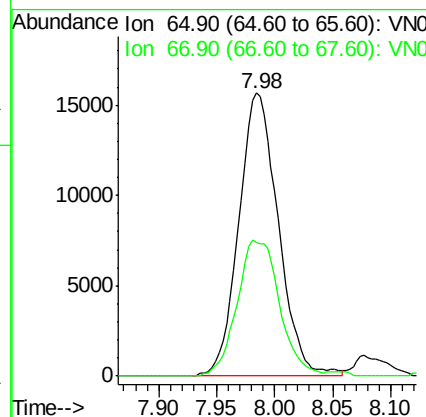
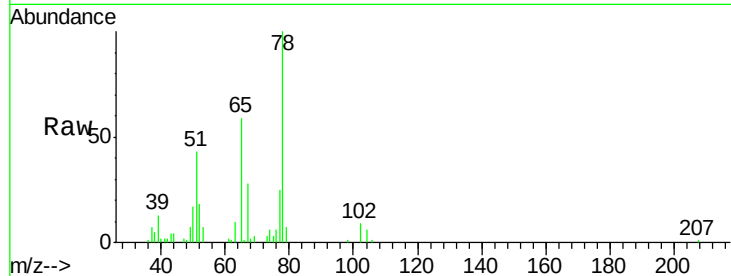
#33
 1,2-Dichloroethane-d4
 Concen: 4.960 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.6

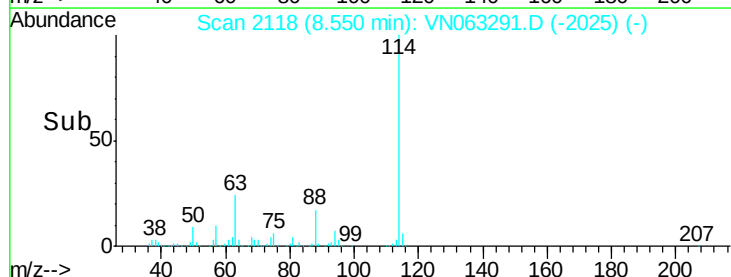
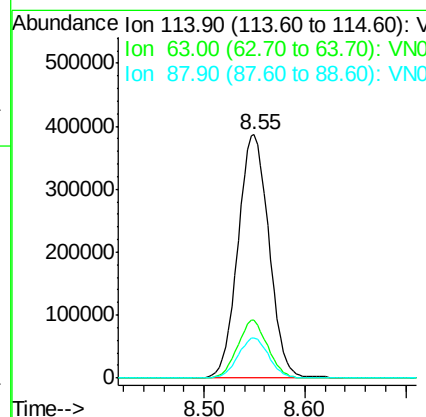
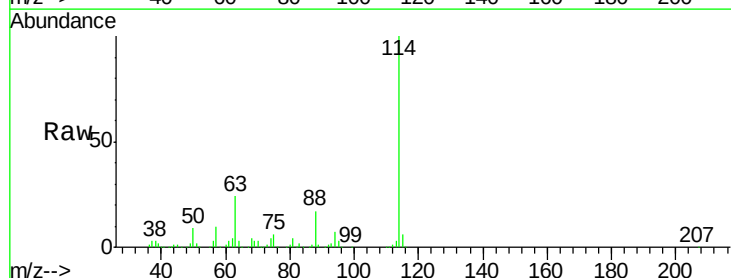
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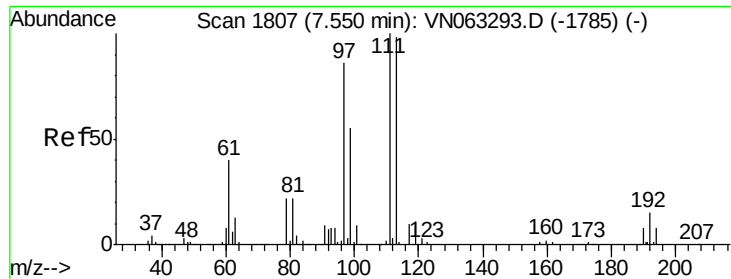
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	46.0
88	16.6	0.0	32.8





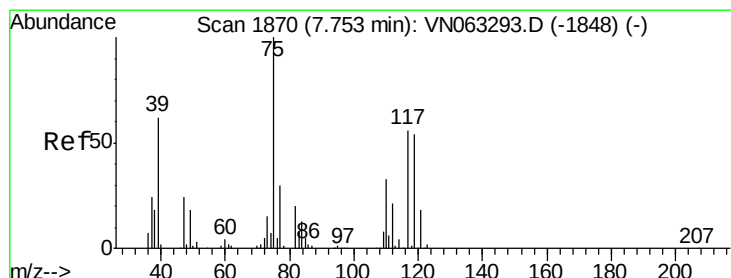
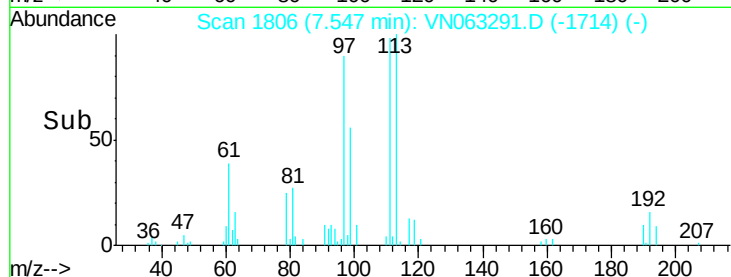
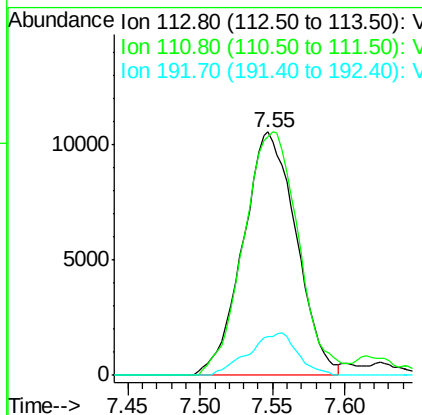
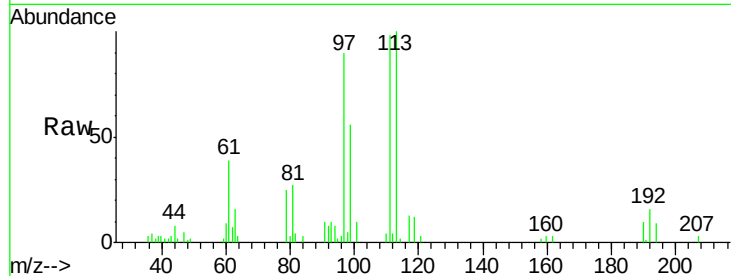
#35
 Dibromofluoromethane
 Concen: 5.128 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
113	100	26914		
111	103.2		82.2	123.2
192	16.1		12.9	19.3

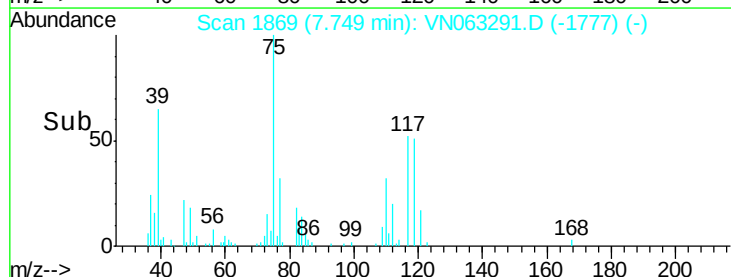
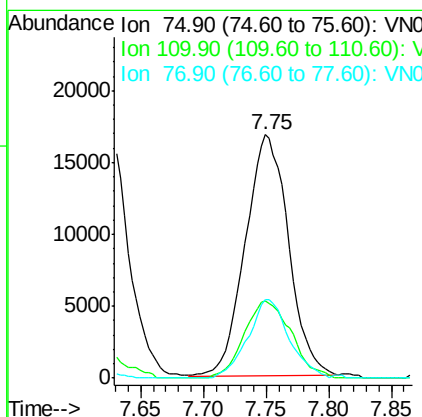
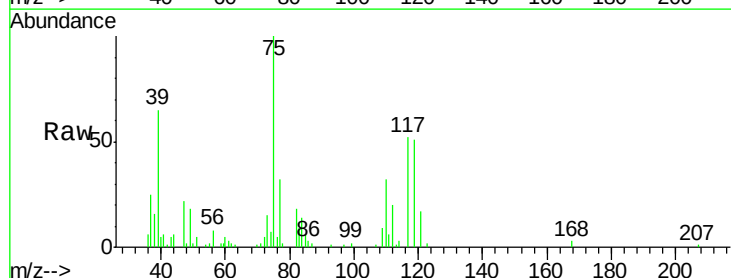
Manual Integrations
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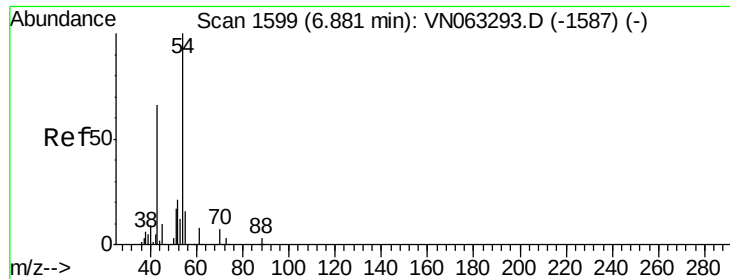
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 5.084 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	40354		
110	34.7		16.4	49.4
77	31.1		24.8	37.2





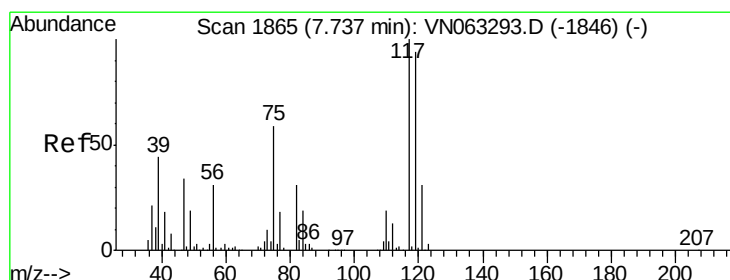
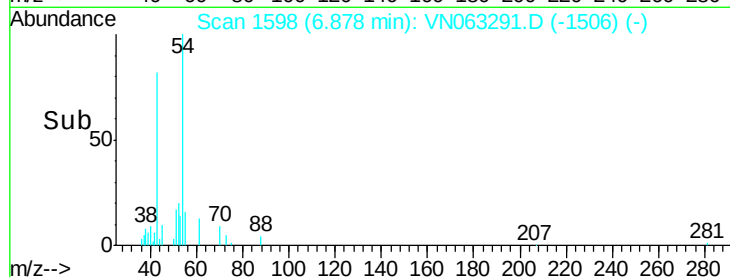
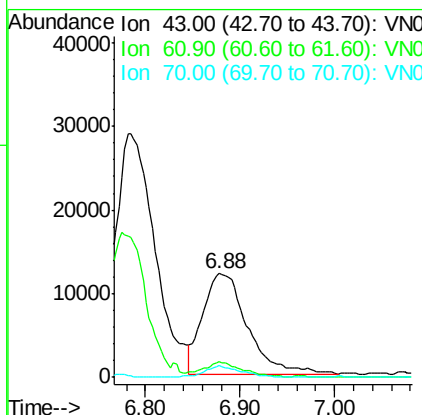
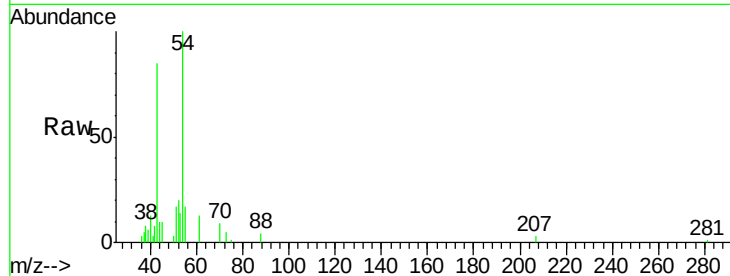
#37
Ethyl Acetate
Concen: 5.865 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.1	15.1
70	7.3	7.4	11.2#

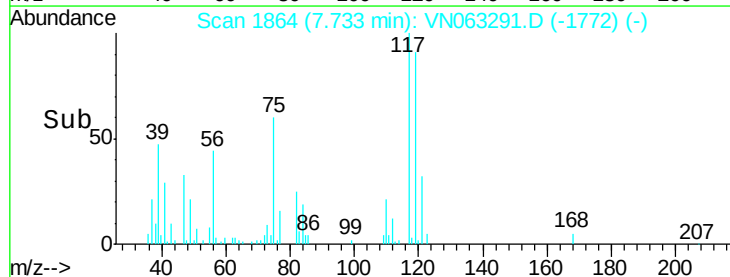
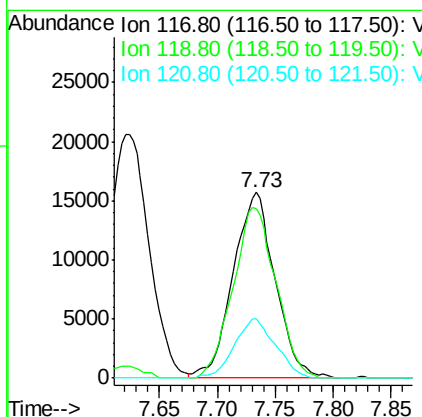
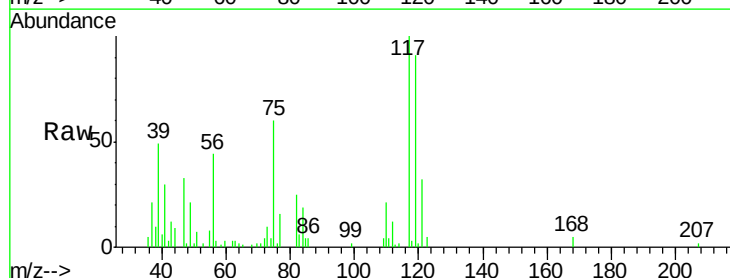
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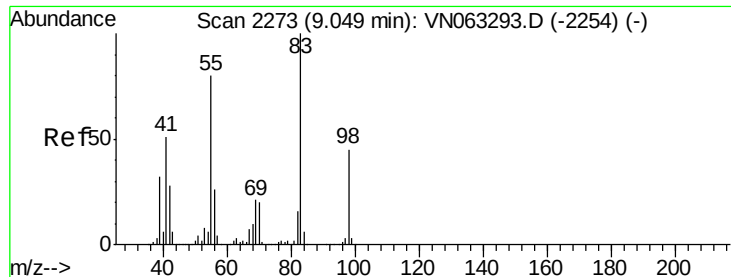
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#38
Carbon Tetrachloride
Concen: 4.922 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.9	75.3	112.9
121	32.2	24.6	37.0





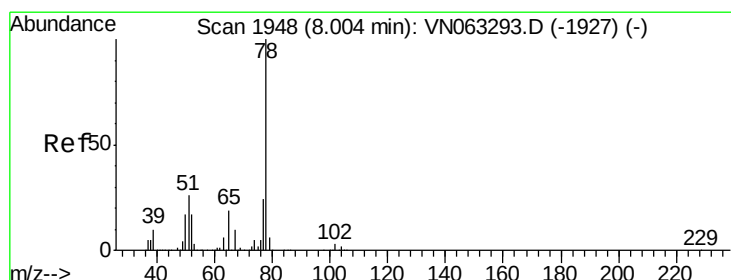
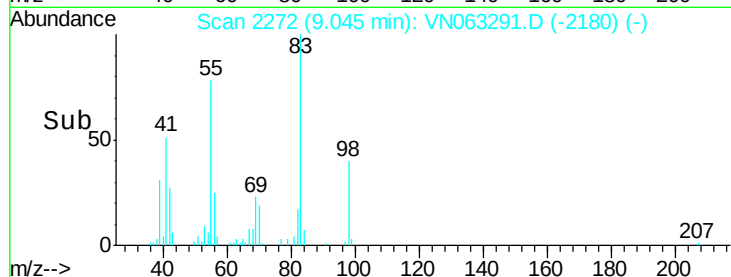
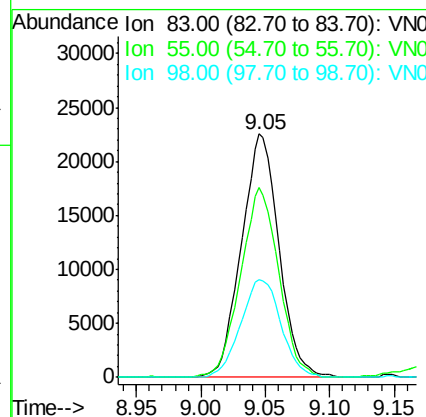
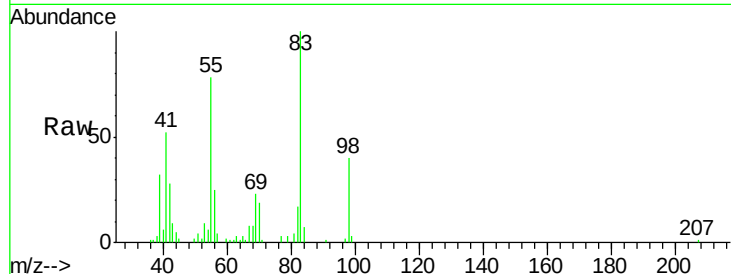
#39
Methylvlclohexane
Concen: 5.159 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	64.0	96.0
98	40.1	36.4	54.6

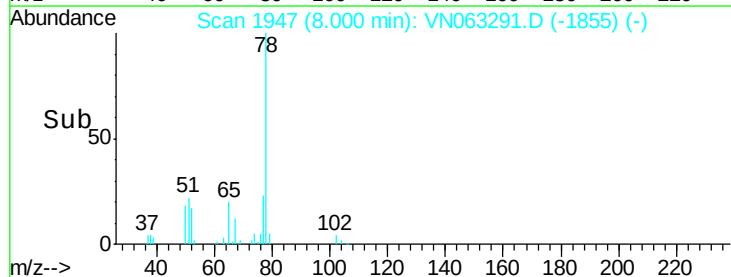
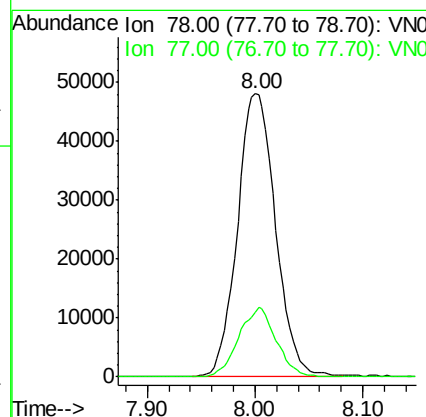
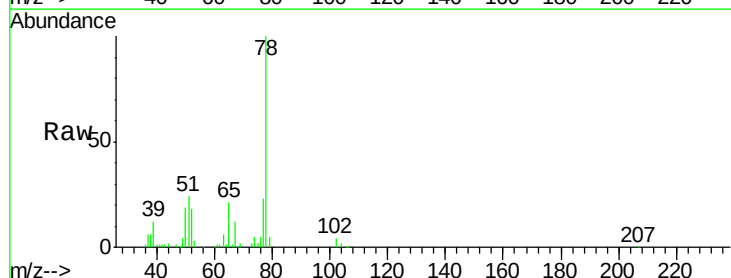
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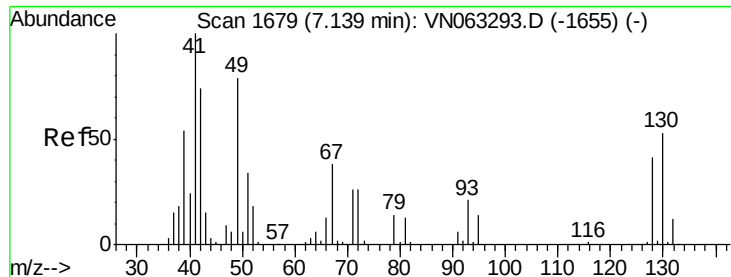
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#40
Benzene
Concen: 5.107 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2





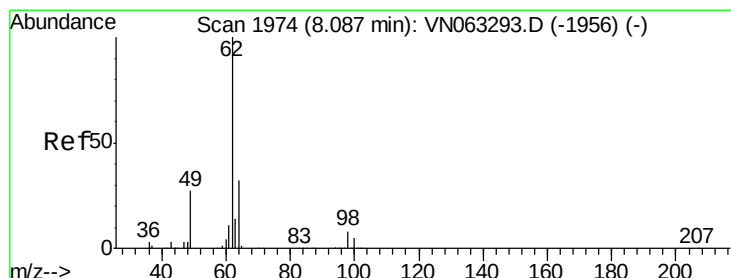
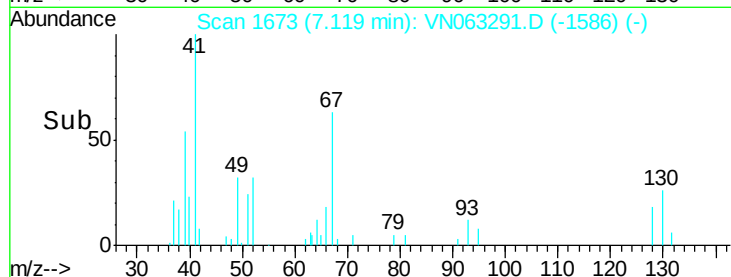
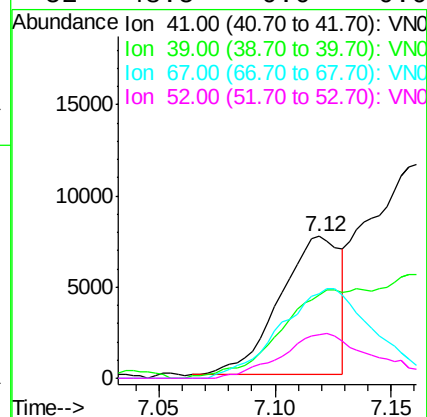
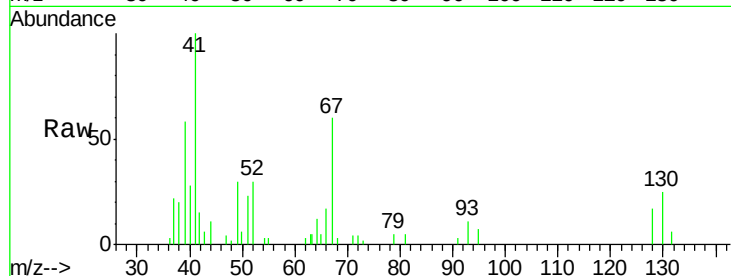
#41
Methacrylonitrile
Concen: 4.053 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.02 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.5	0.0	0.0#
67	102.0	0.0	0.0#
52	48.5	0.0	0.0#

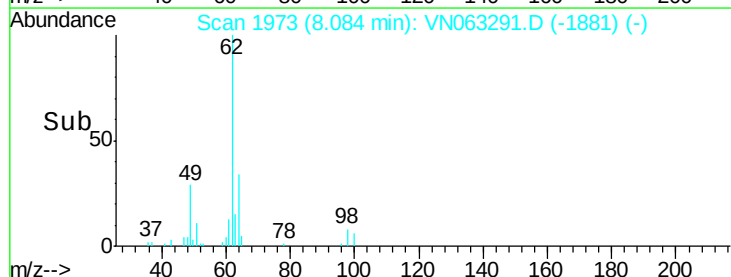
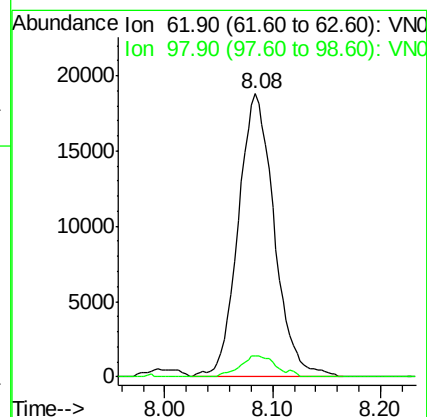
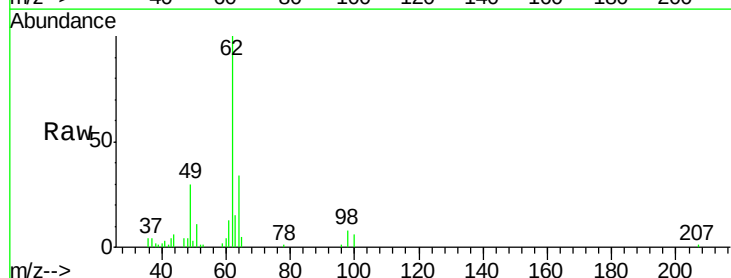
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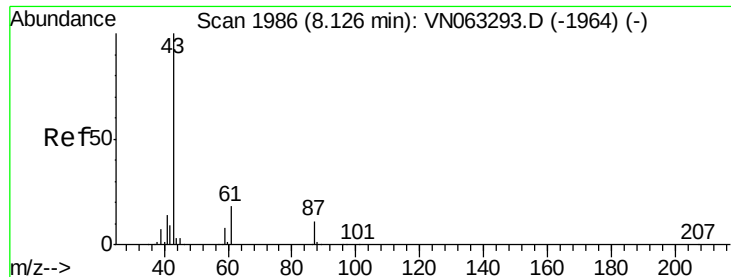
MMDadoda
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#42
1,2-Dichloroethane
Concen: 5.034 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	15.4





#43

Isopropyl Acetate

Concen: 5.076 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

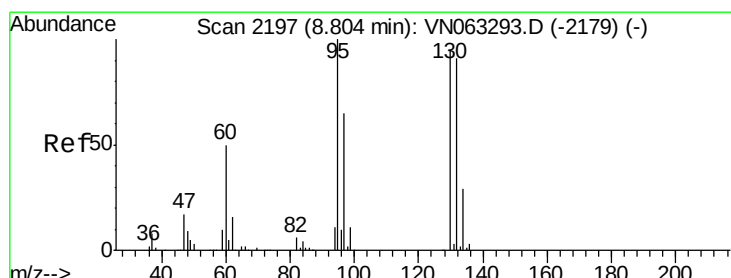
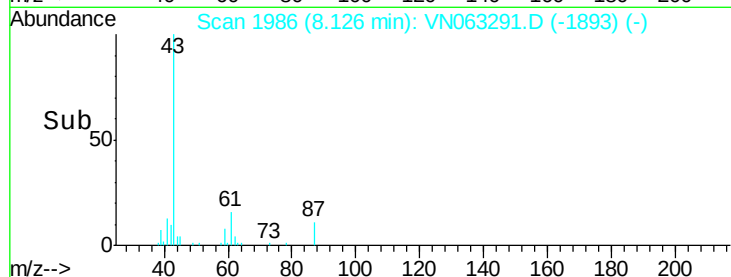
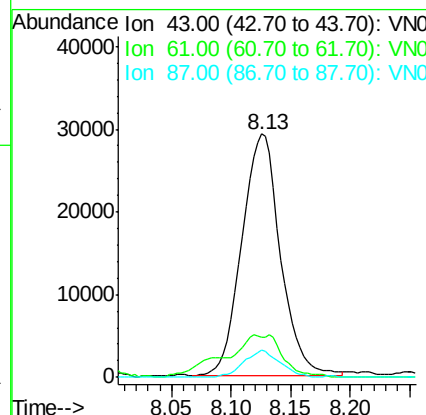
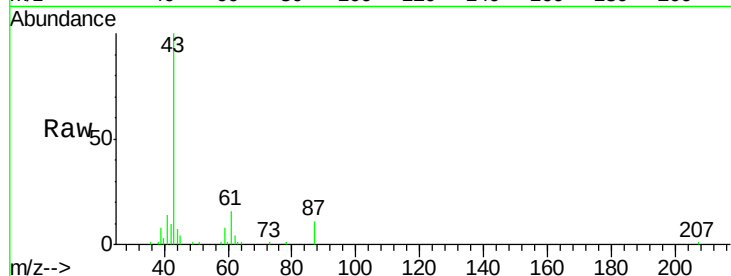
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	65635
Ion Ratio	Lower	Upper	
43	100		
61	4.1	15.1	22.7#
87	10.6	9.2	13.8

Manual Integrations
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#44

Trichloroethene

Concen: 5.252 ug/l

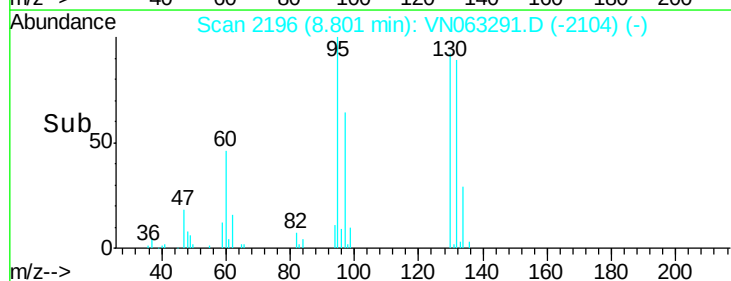
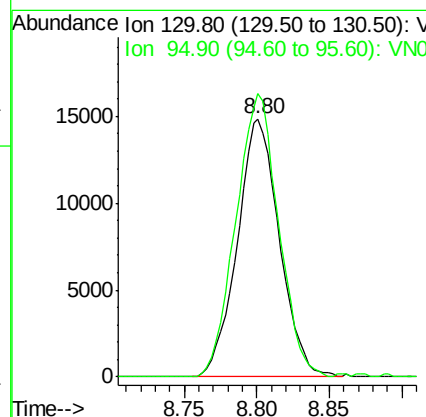
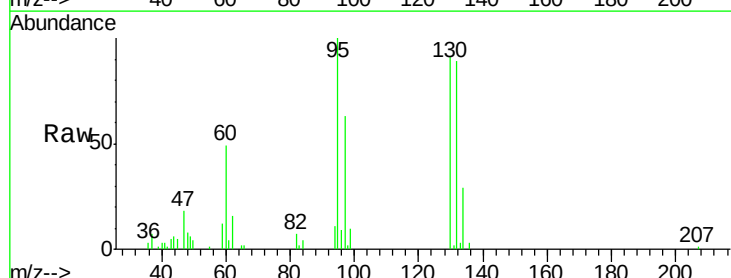
RT: 8.80 min Scan# 2196

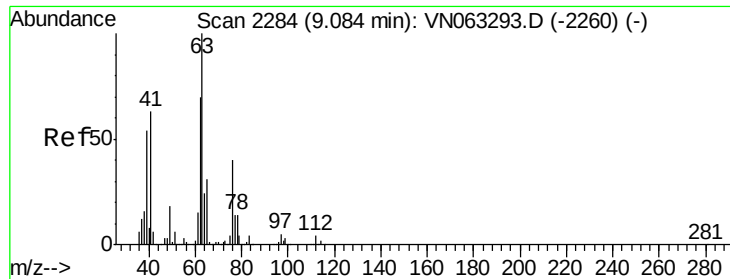
Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion:	130	Resp:	29953
Ion Ratio	Lower	Upper	
130	100		
95	109.8	0.0	210.8





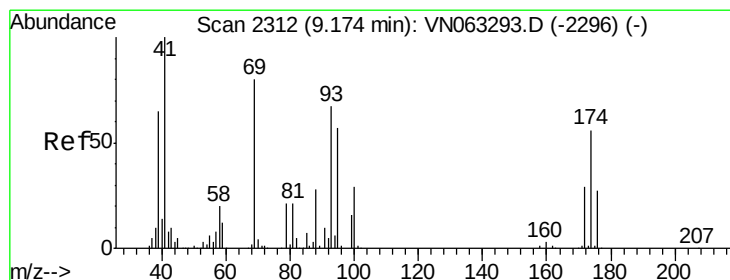
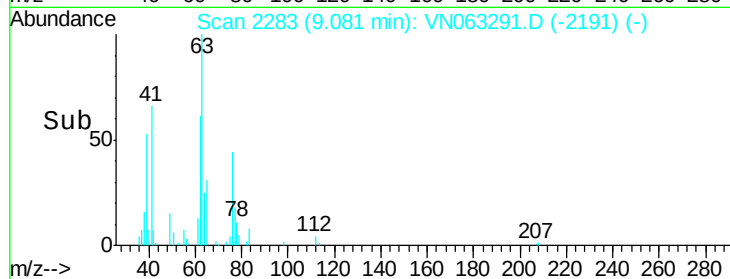
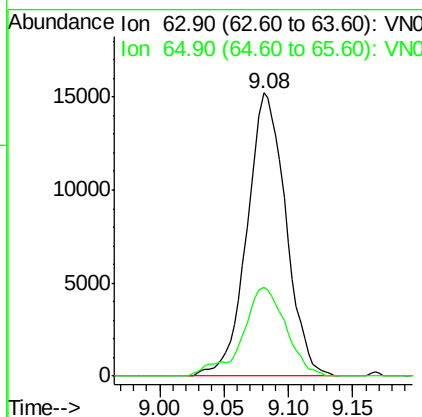
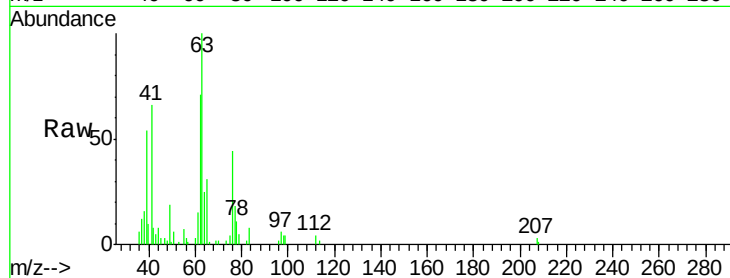
#45
 1,2-Dichloropropane
 Concen: 5.159 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.6	36.8

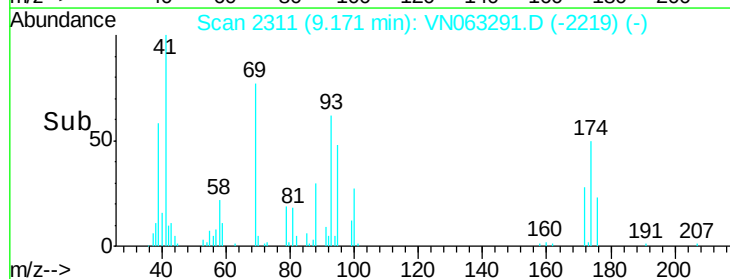
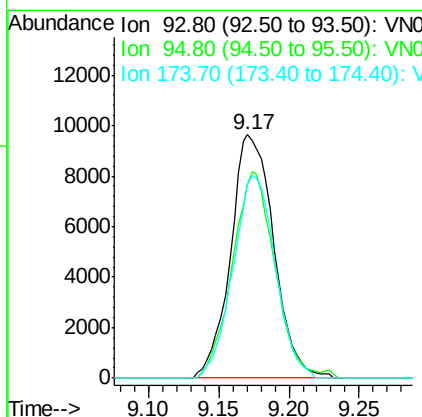
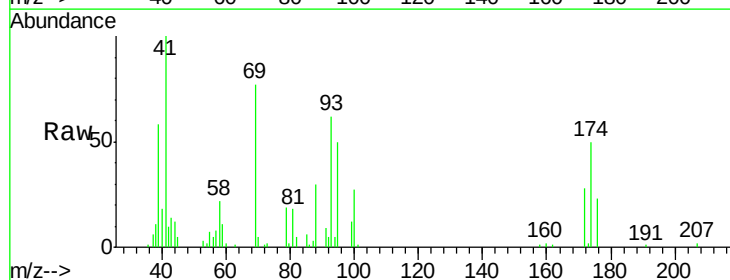
Manual Integrations
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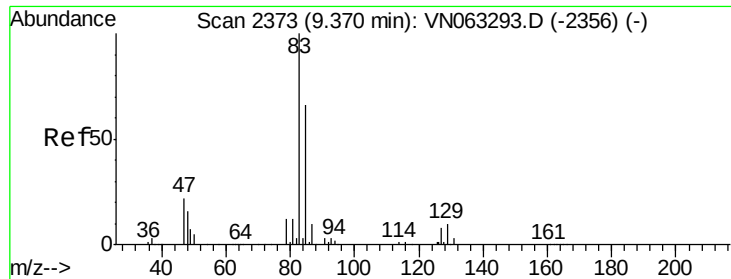
MMDadoda
 9/11/2020 2:02:20 PM



#46
 Dibromomethane
 Concen: 5.088 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	67.9	101.9
174	81.8	66.9	100.3





#47

Bromodichloromethane

Concen: 4.785 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

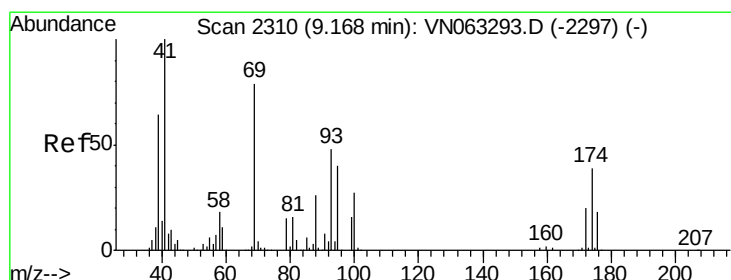
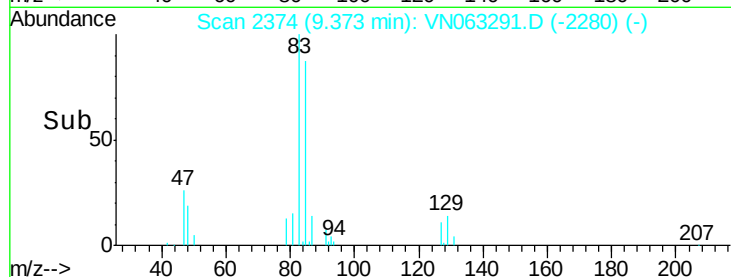
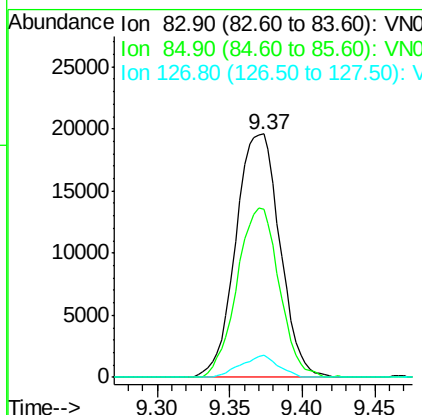
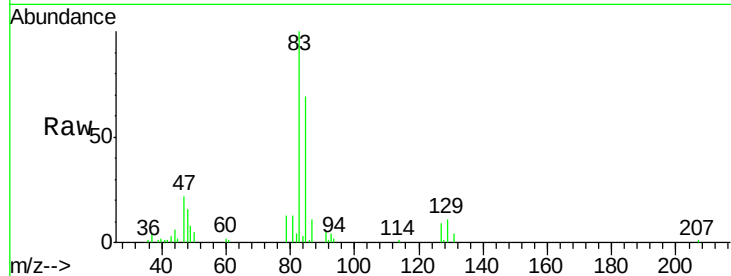
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	41492
Ion	Ratio	Lower	Upper
83	100		
85	69.1	52.5	78.7
127	9.1	6.6	10.0

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#48

Methyl methacrylate

Concen: 5.472 ug/l

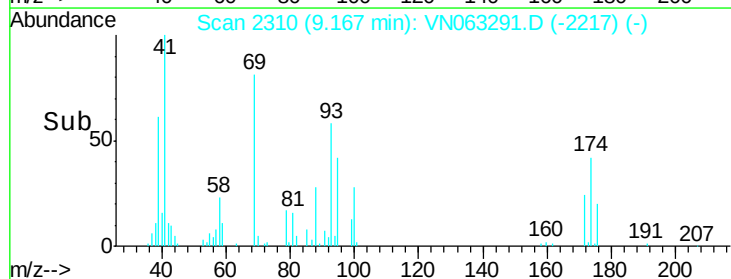
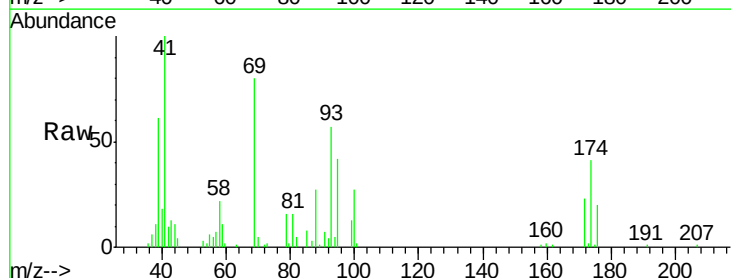
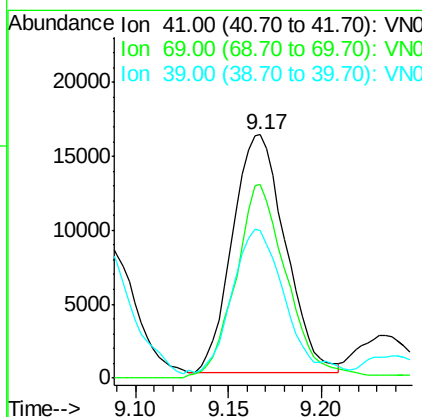
RT: 9.17 min Scan# 2310

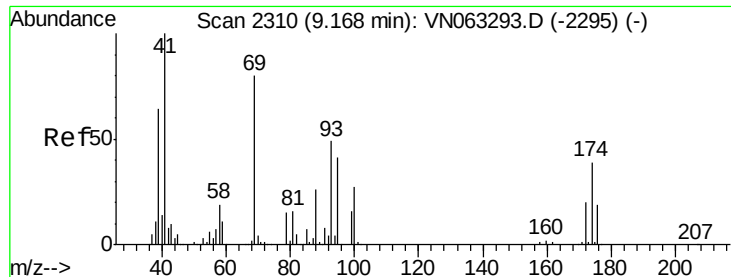
Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion:	41	Resp:	32036
Ion	Ratio	Lower	Upper
41	100		
69	78.3	63.6	95.4
39	61.2	53.2	79.8





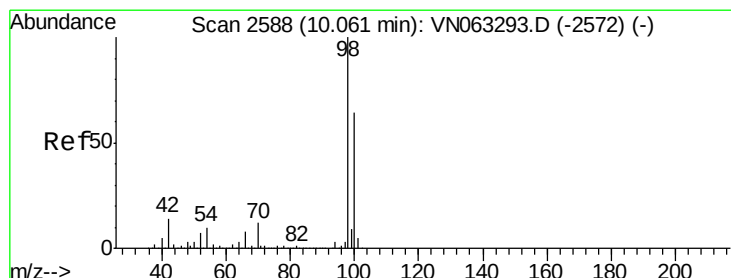
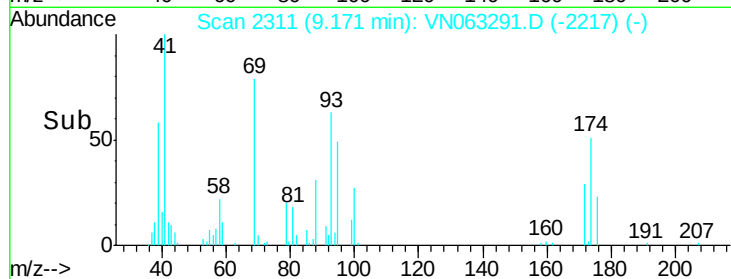
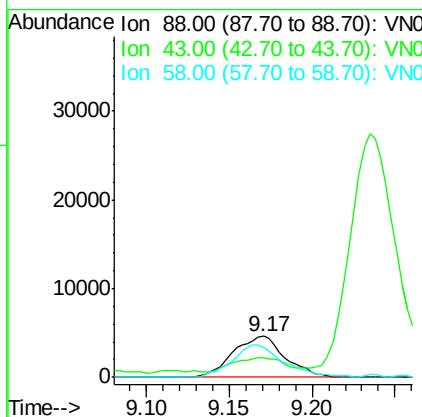
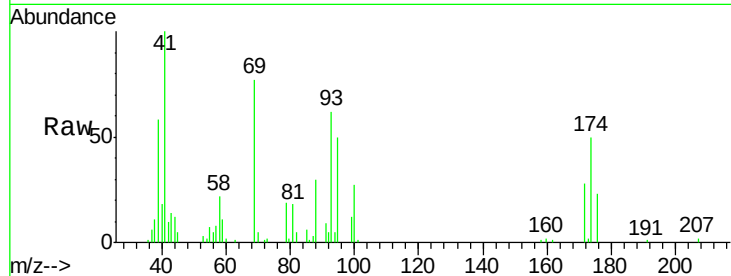
#49
1,4-Dioxane
Concen: 111.350 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	88	Resp	10029
Ion	Ratio	Lower	Upper
88	100		
43	32.8	30.5	45.7
58	78.1	58.9	88.3

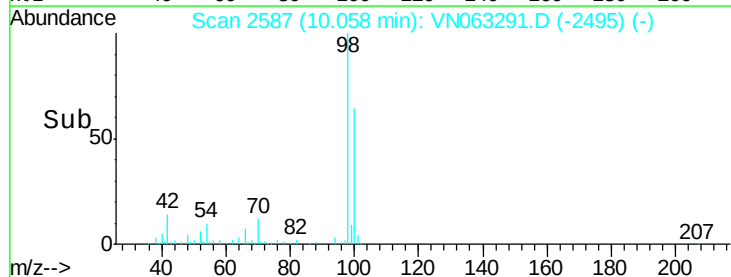
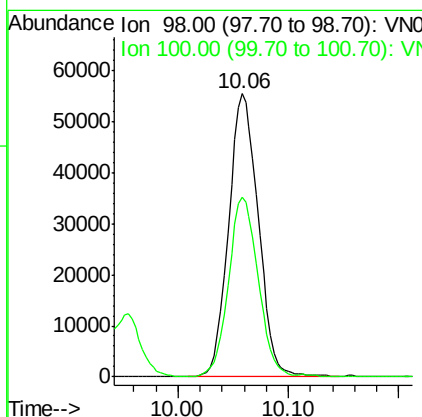
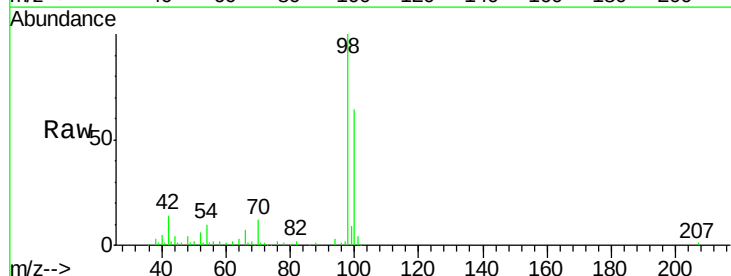
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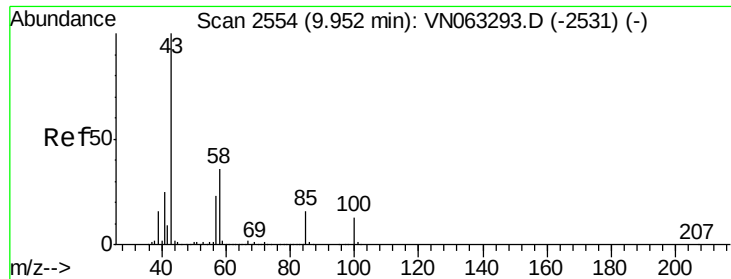
MMDadoda
9/11/2020 2:02:20 PM



#50
Toluene-d8
Concen: 5.119 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	98	Resp	103460
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 26.218 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 184386

Ion Ratio Lower Upper

43 100

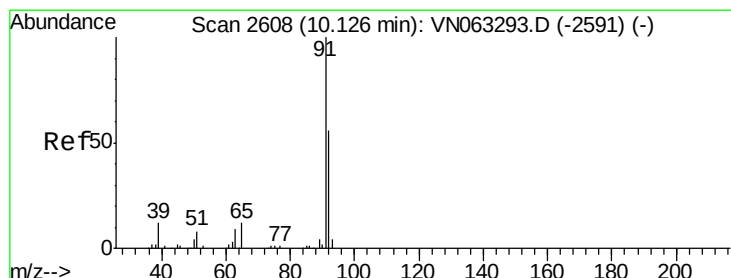
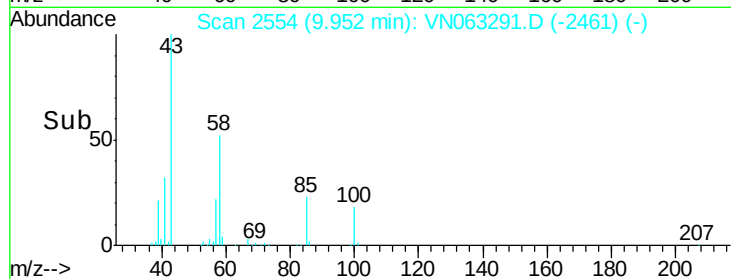
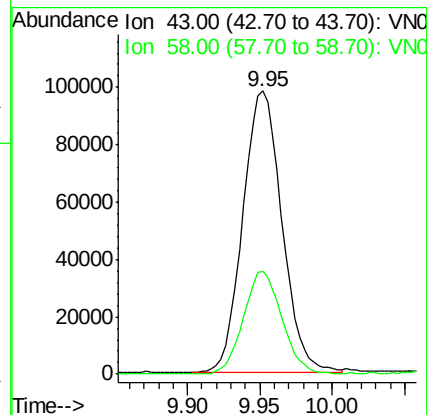
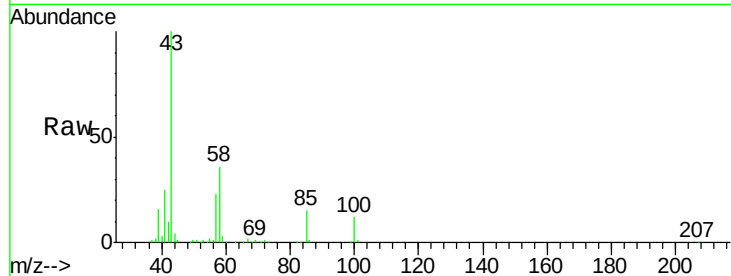
58 36.0 29.0 43.4

Manual Integrations

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#52

Toluene

Concen: 4.951 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063291.D

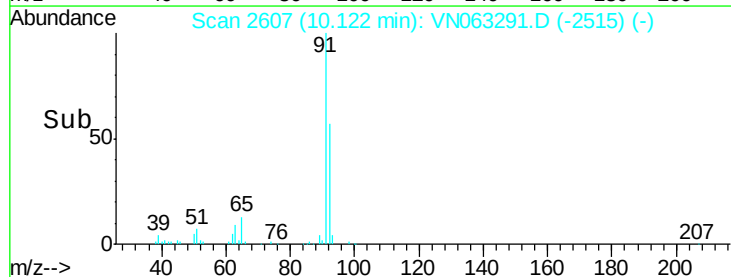
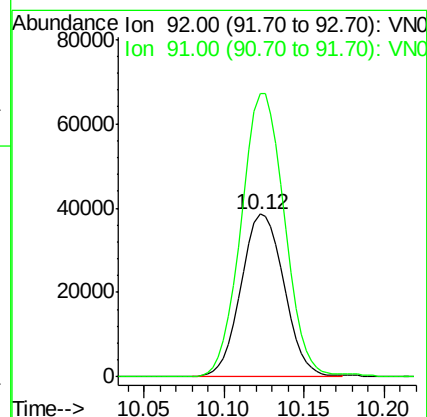
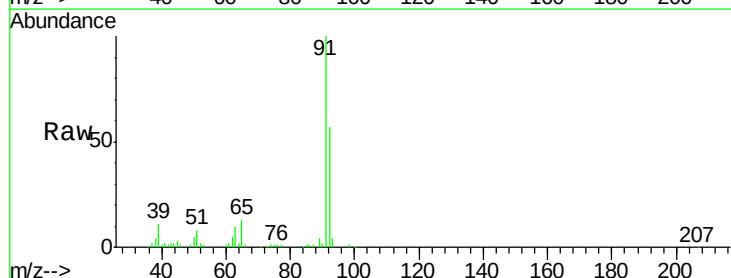
Acq: 10 Sep 2020 13:08

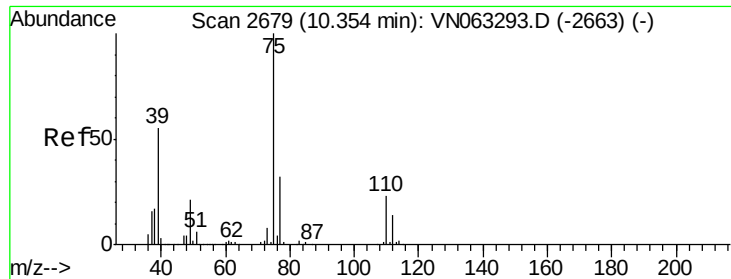
Tgt Ion: 92 Resp: 71162

Ion Ratio Lower Upper

92 100

91 175.7 141.2 211.8





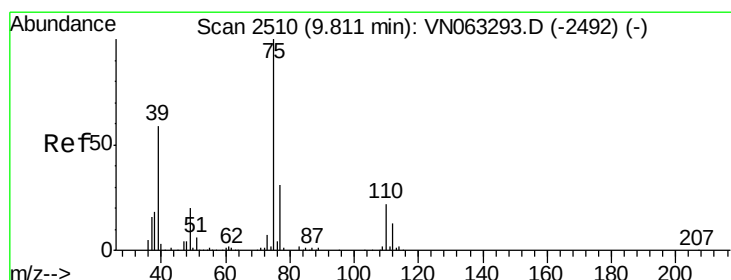
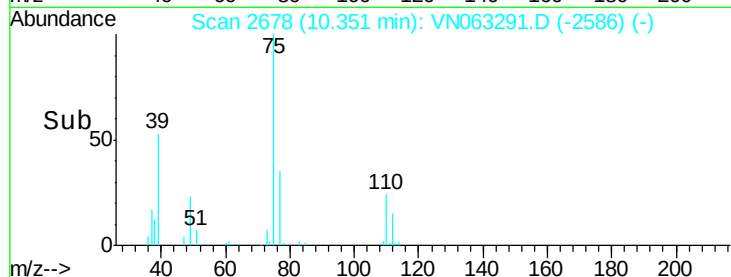
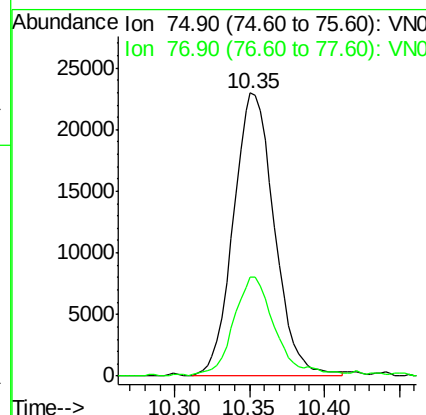
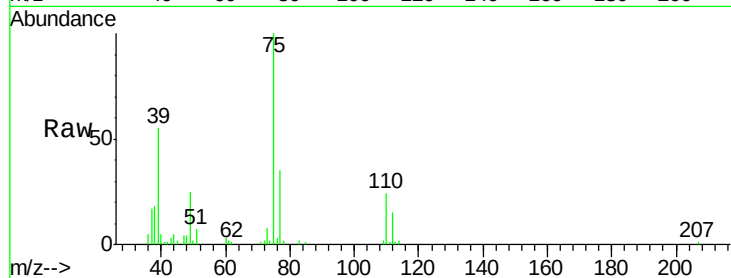
#53
 t-1,3-Dichloropropene
 Concen: 4.644 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion: 75 Resp: 43866
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.7 38.5

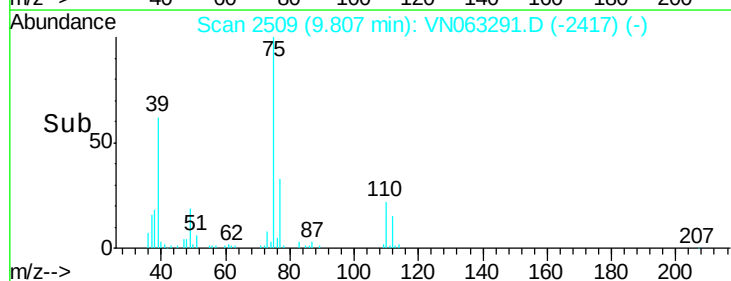
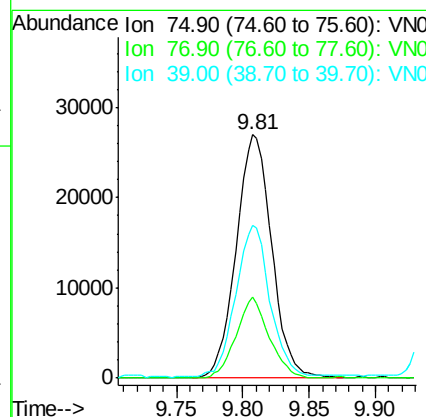
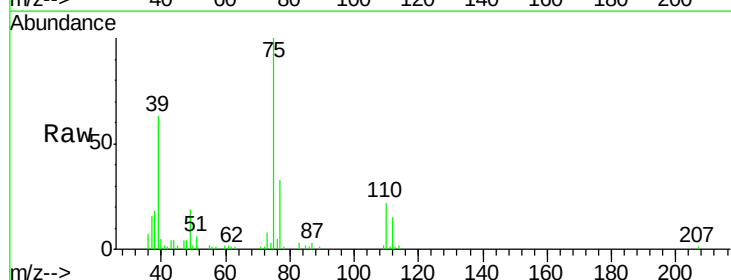
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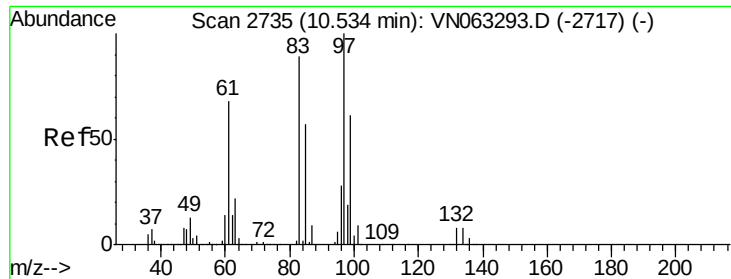
MMDadoda
 9/11/2020 2:02:20 PM



#54
 cis-1,3-Dichloropropene
 Concen: 5.005 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion: 75 Resp: 50164
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.7 37.1
 39 61.9 47.2 70.8





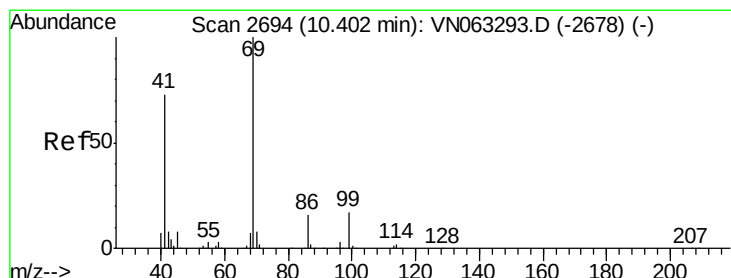
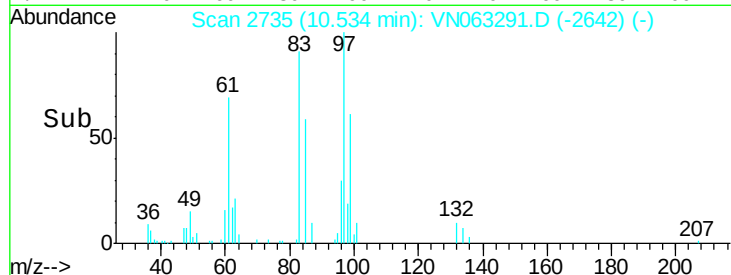
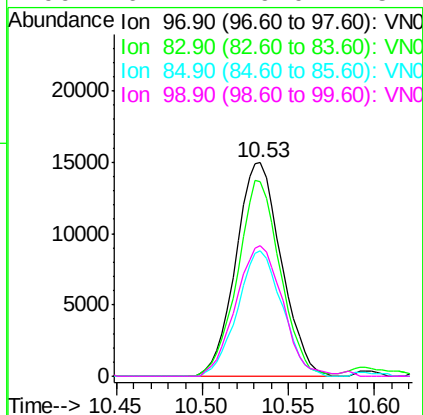
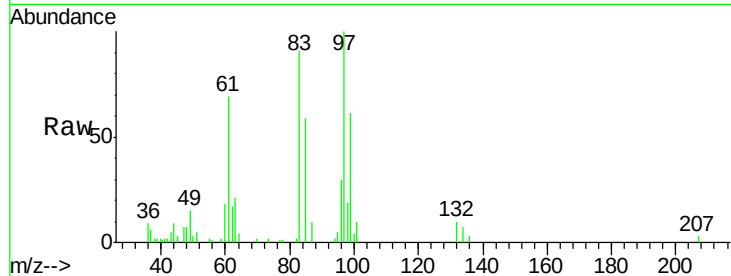
#55
 1,1,2-Trichloroethane
 Concen: 4.962 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion:	97	Resp:	27383
Ion	Ratio	Lower	Upper
97	100		
83	91.0	70.8	106.2
85	58.7	45.6	68.4
99	61.4	49.0	73.4

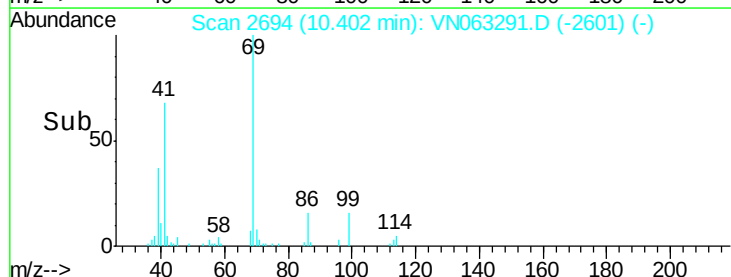
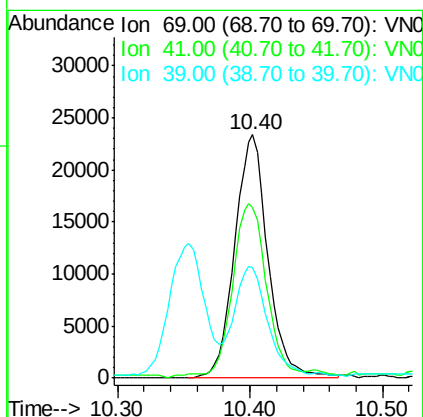
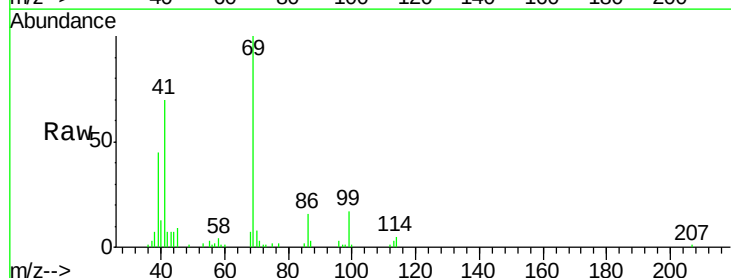
Manual Integrations
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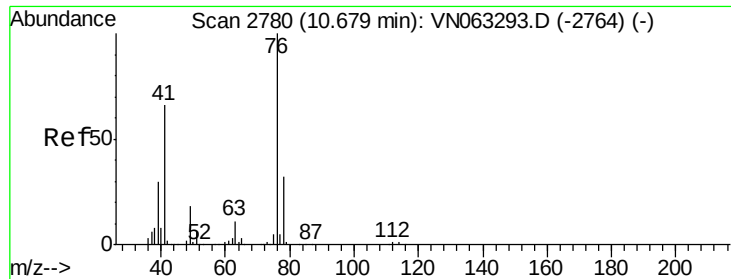
MMDadoda
 9/11/2020 2:02:20 PM



#56
 Ethyl methacrylate
 Concen: 4.832 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion:	69	Resp:	40661
Ion	Ratio	Lower	Upper
69	100		
41	74.8	58.4	87.6
39	44.2	38.6	58.0





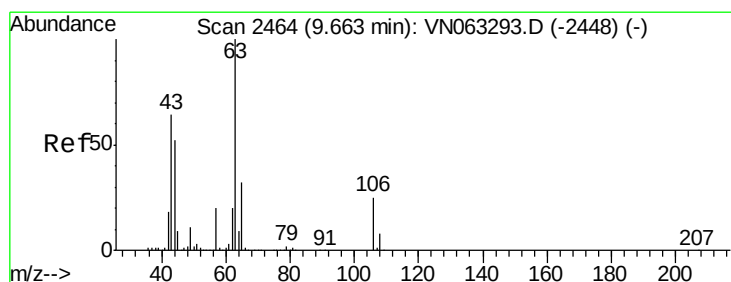
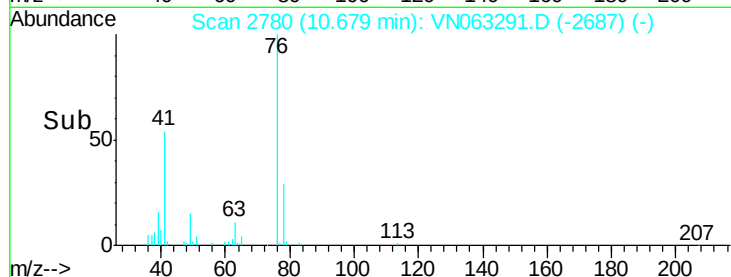
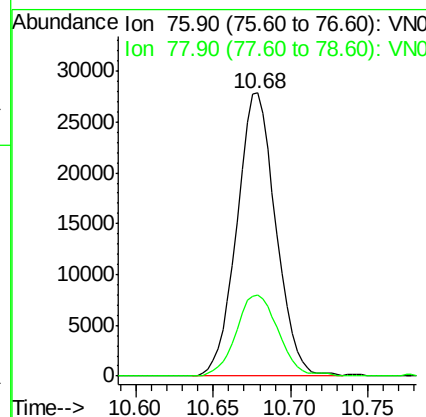
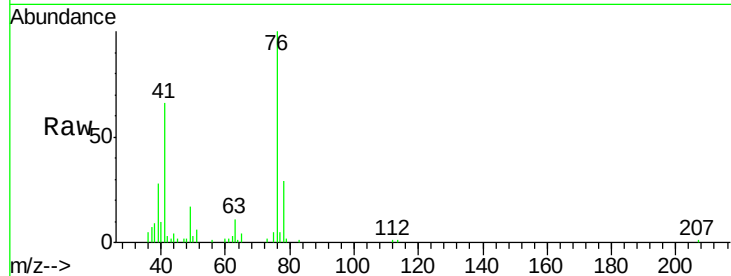
#57
 1,3-Dichloropropane
 Concen: 4.962 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion: 76 Resp: 48630
 Ion Ratio Lower Upper
 76 100
 78 30.7 25.7 38.5

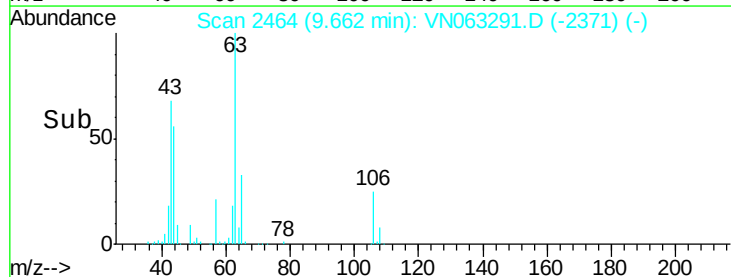
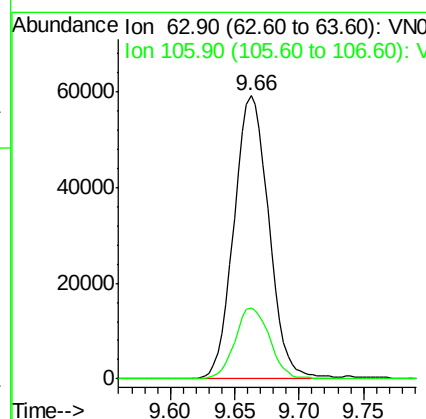
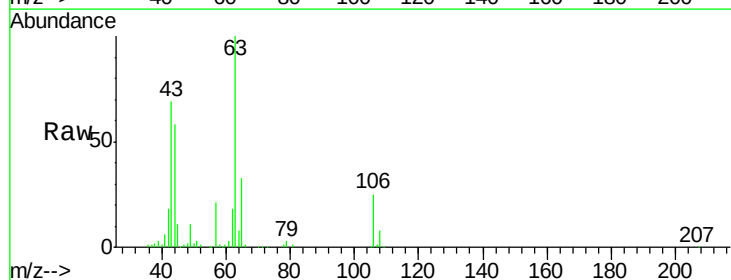
Manual Integrations
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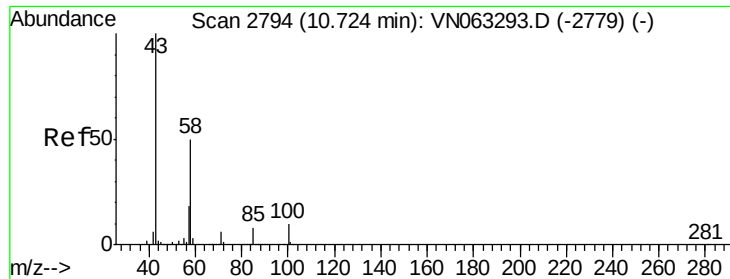
MMDadoda
 9/11/2020 2:02:20 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.742 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion: 63 Resp: 111422
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.2 30.4





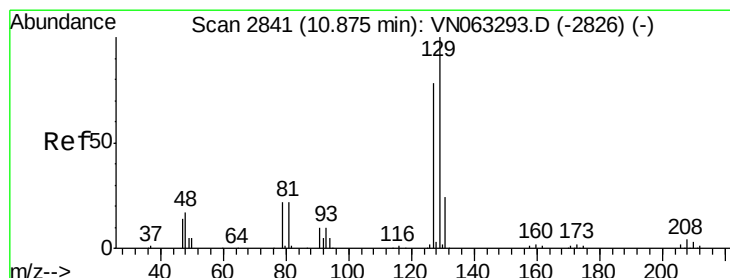
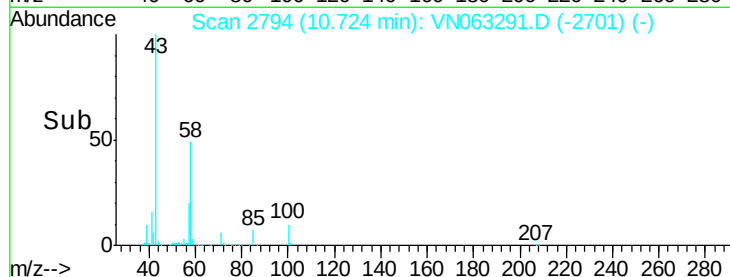
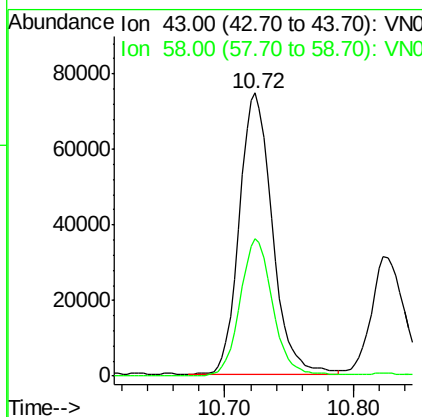
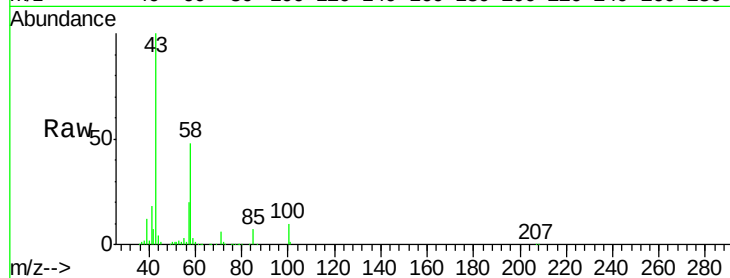
#59
2-Hexanone
Concen: 26.680 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	43	Resp	132378
Ion Ratio	43	100	
Lower	58	48.8	25.1
Upper			75.3

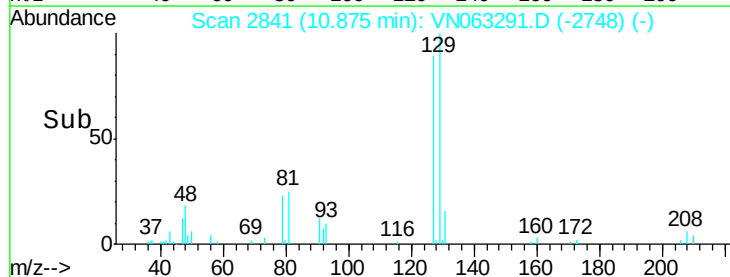
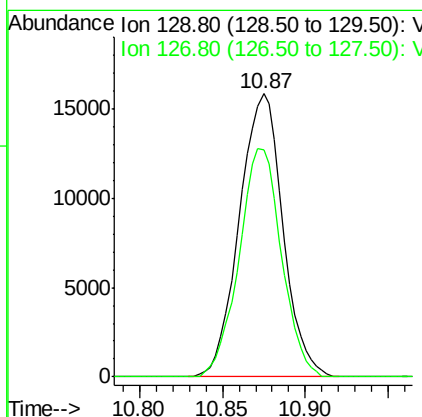
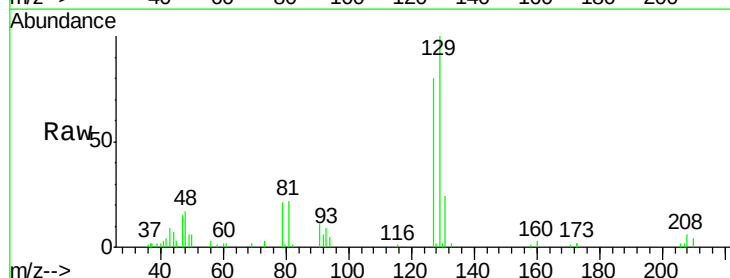
Manual Integrations
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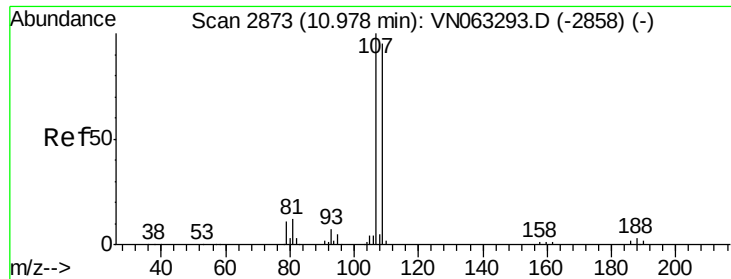
MMDadoda
9/11/2020 2:02:20 PM



#60
Dibromochloromethane
Concen: 4.754 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	129	Resp	28994
Ion Ratio	129	100	
Lower	127	78.5	39.0
Upper			117.0





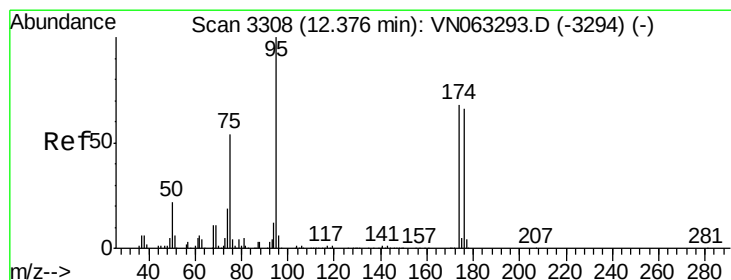
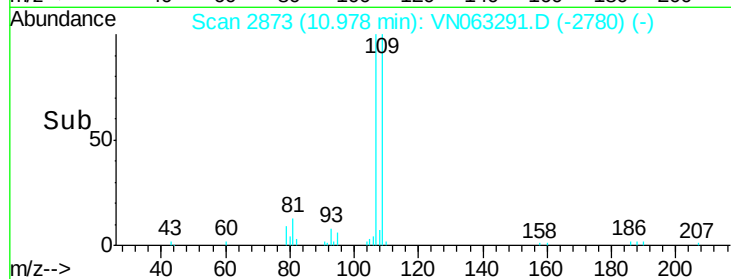
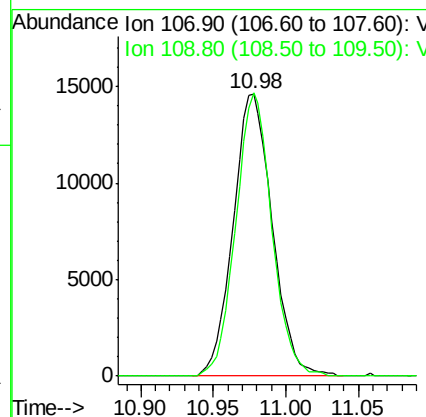
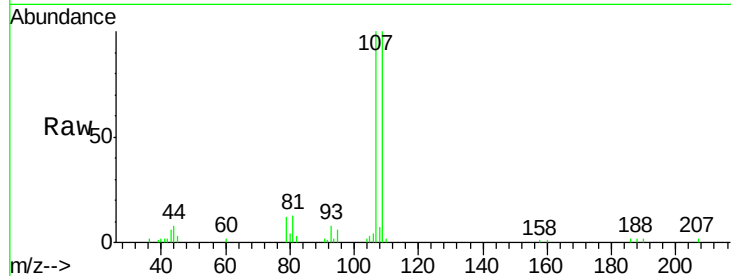
#61
 1,2-Dibromoethane
 Concen: 4.800 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.5	113.3

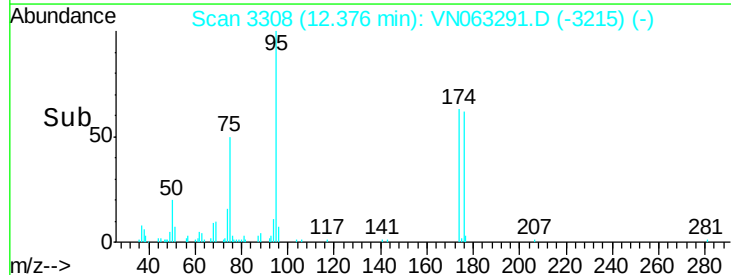
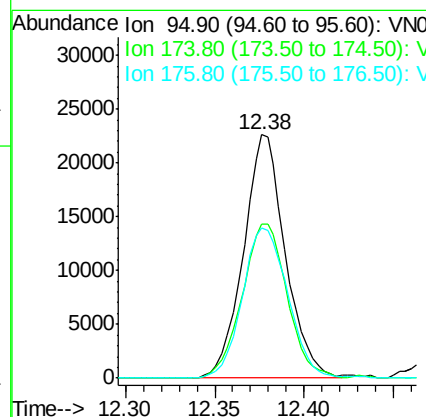
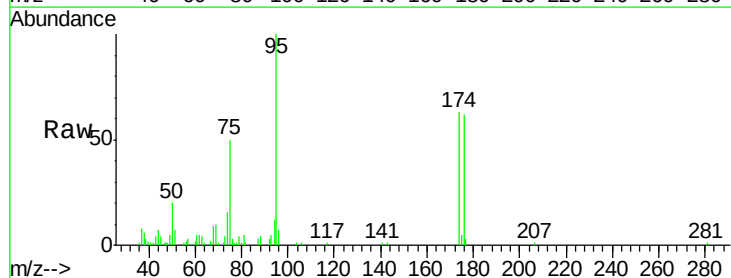
Manual Integrations
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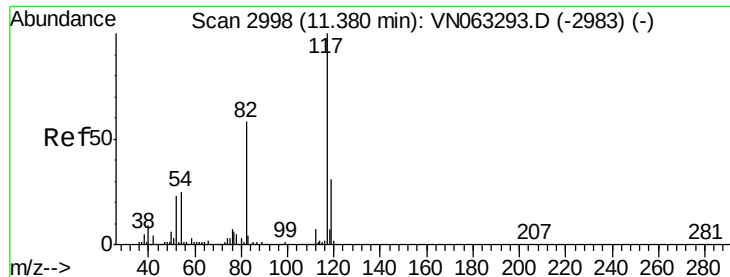
MMDadoda
 9/11/2020 2:02:20 PM



#62
 4-Bromofluorobenzene
 Concen: 5.206 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.0	0.0	136.6
176	67.1	0.0	132.8





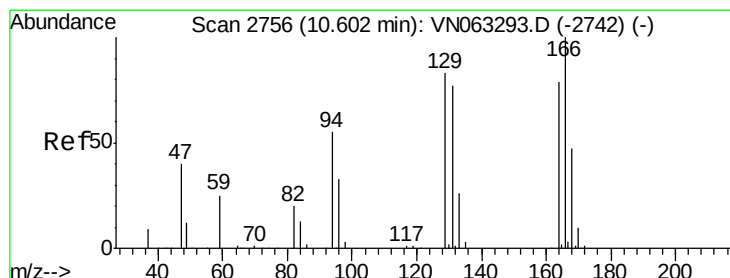
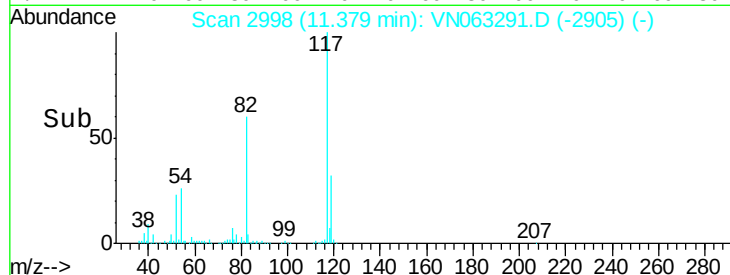
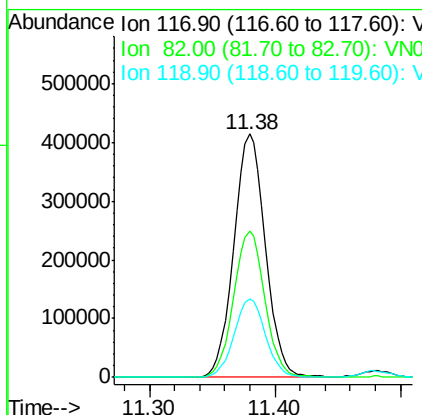
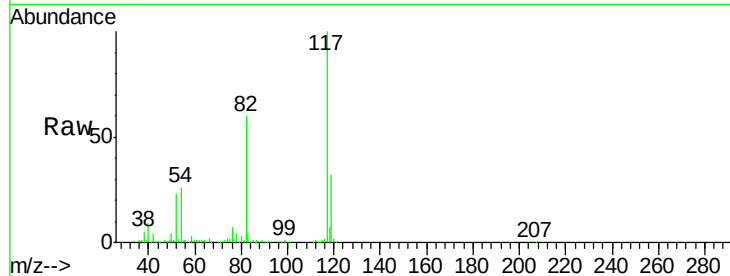
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	46.4	69.6
119	32.2	24.8	37.2

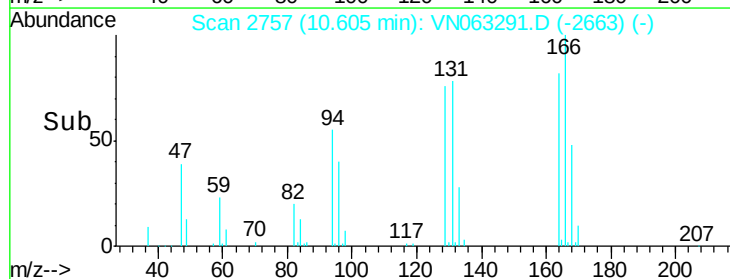
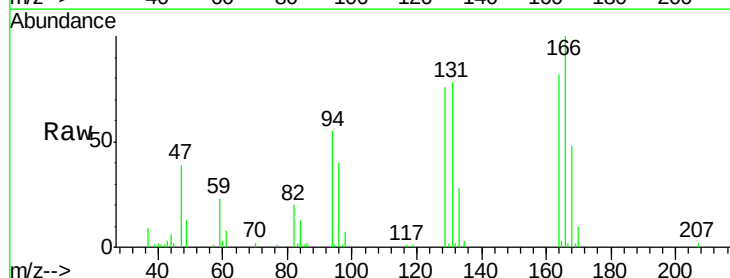
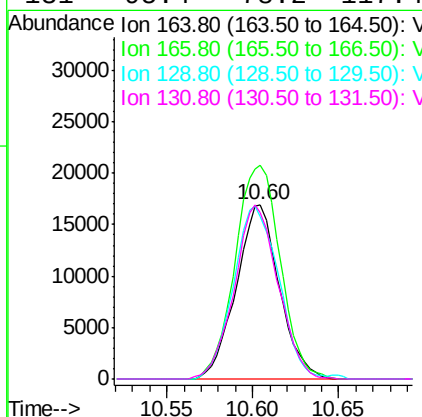
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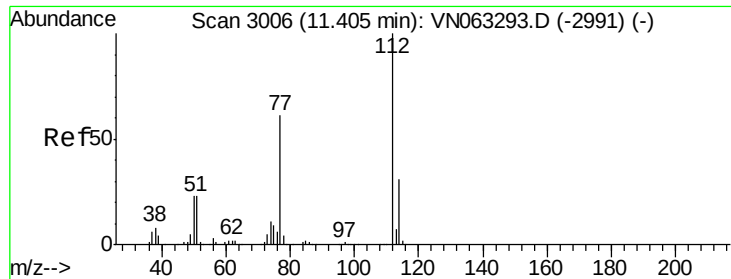
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#64
Tetrachloroethene
Concen: 5.536 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.4	101.3	151.9
129	93.0	83.7	125.5
131	95.4	78.2	117.4





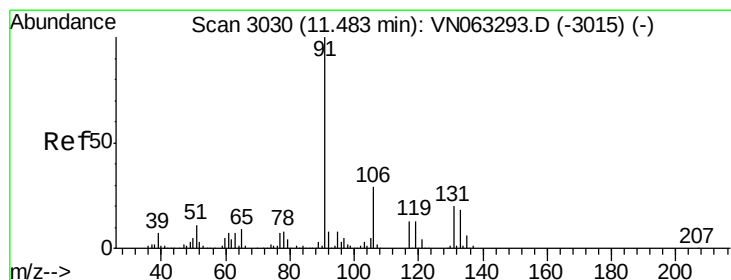
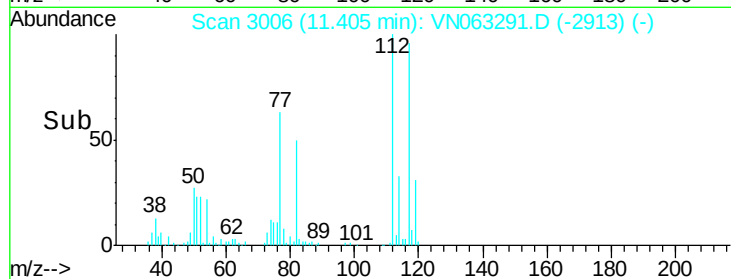
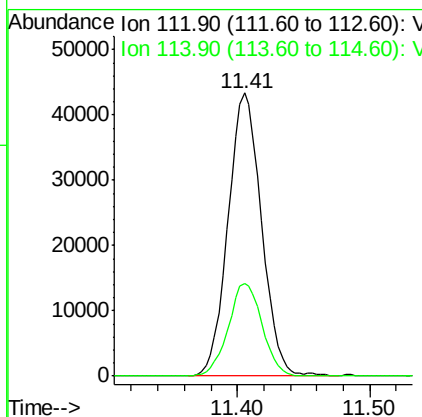
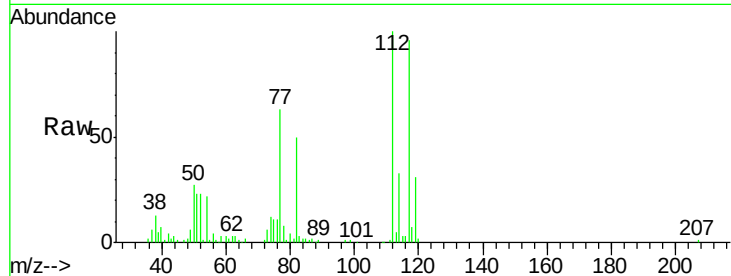
#65
Chlorobenzene
Concen: 5.223 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	24.6	36.8

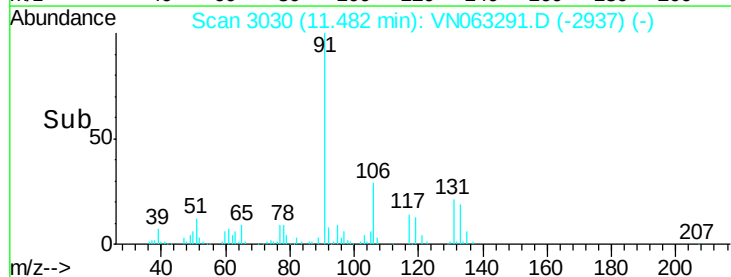
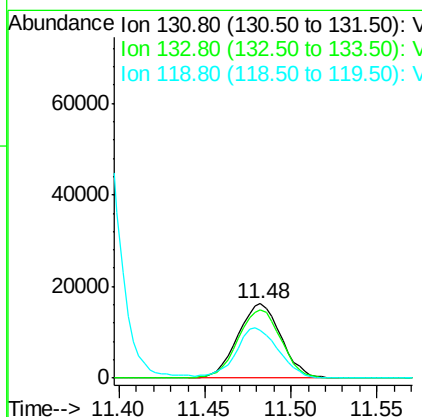
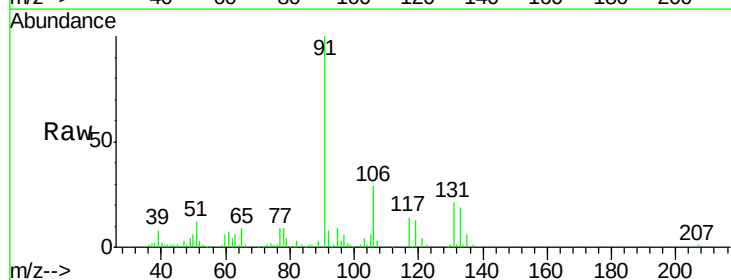
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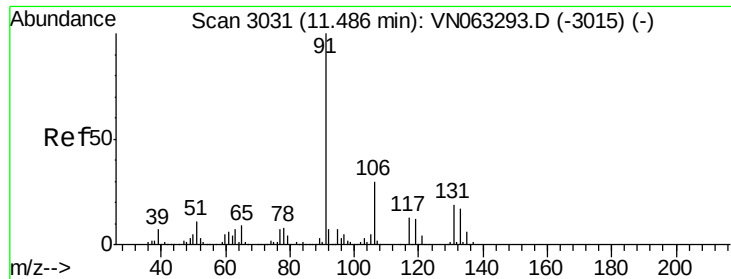
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.309 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	91.5	47.4	142.2
119	64.6	33.8	101.3





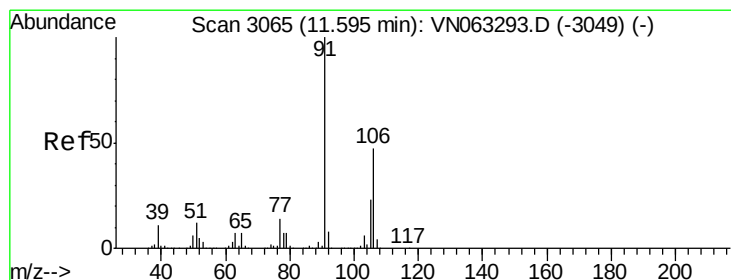
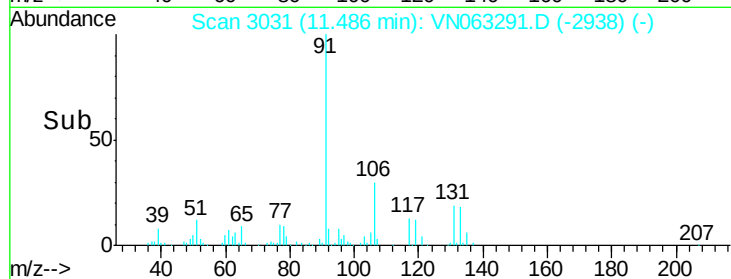
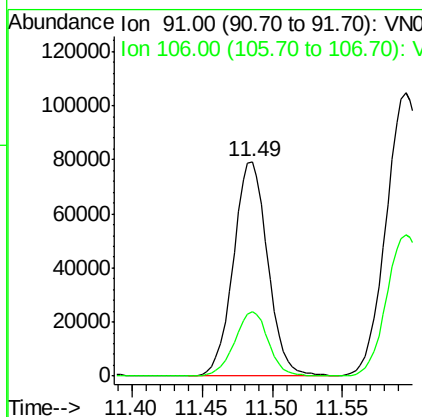
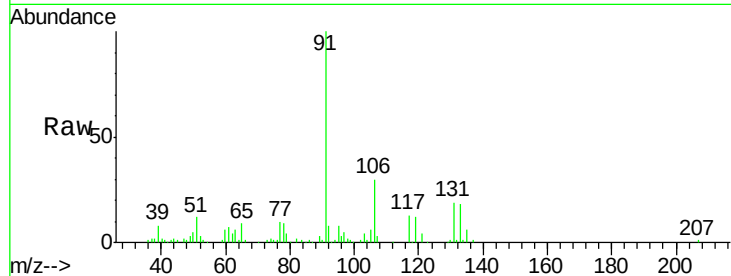
#67
Ethyl Benzene
Concen: 5.115 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	91	Resp	135601
Ion Ratio	100	Lower	Upper
106	30.0	23.8	35.6

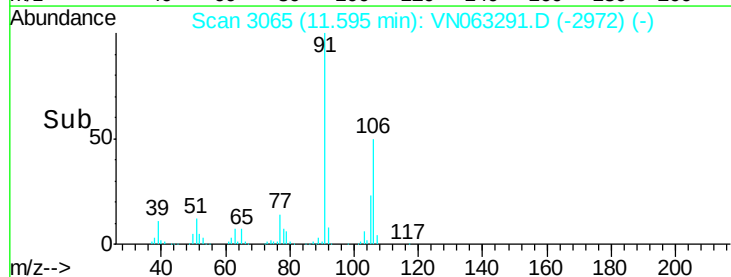
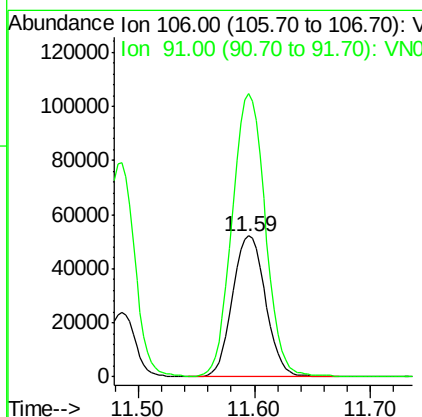
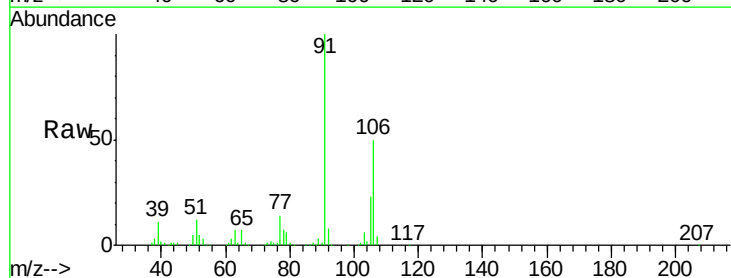
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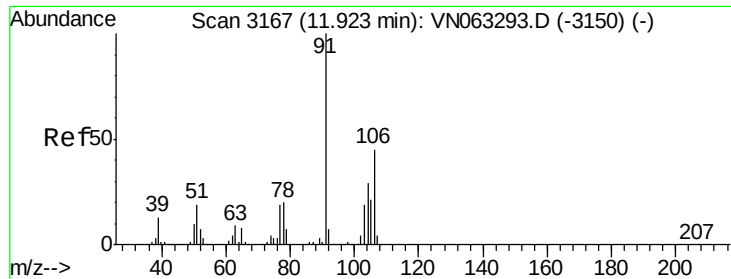
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#68
m/p-Xylenes
Concen: 10.536 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	106	Resp	103102
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	200.0	169.8	254.8





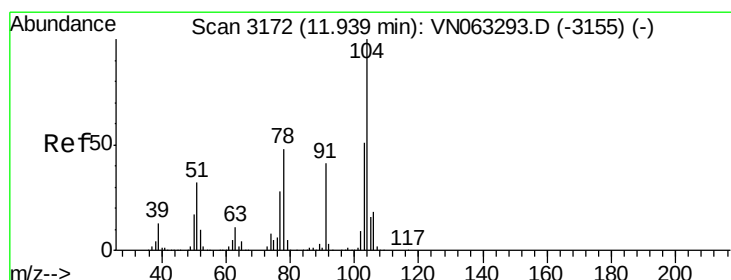
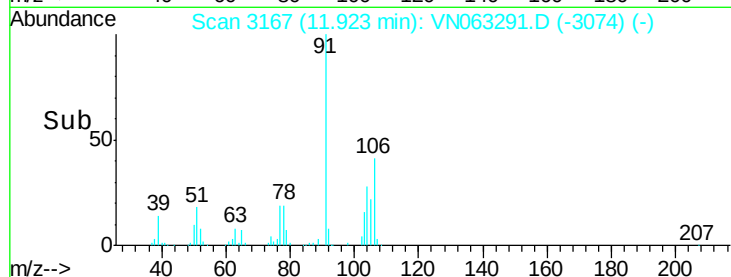
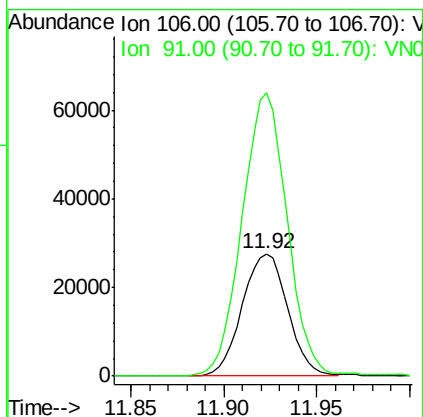
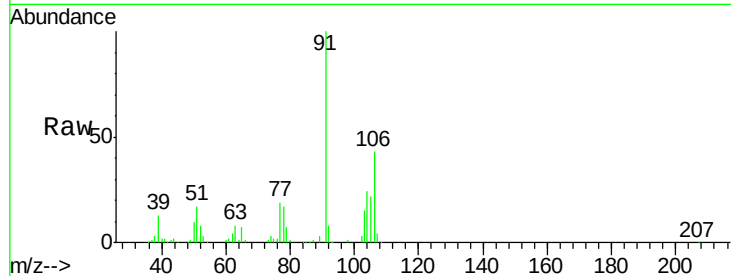
#69
o-Xylene
Concen: 4.971 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 47007
Ion Ratio Lower Upper
106 100
91 229.9 111.5 334.4

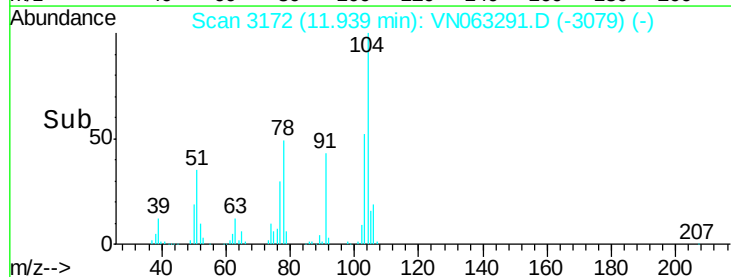
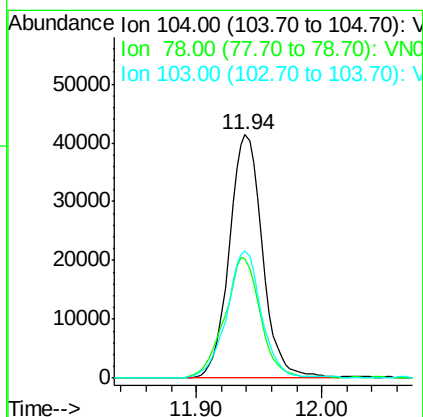
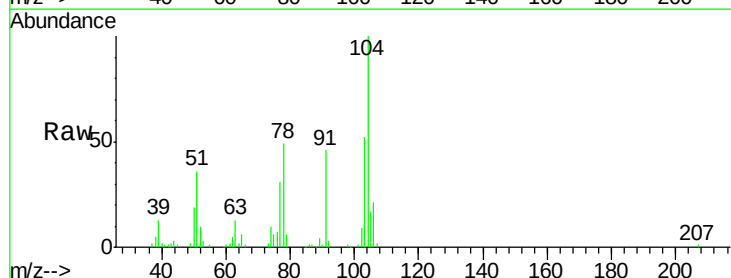
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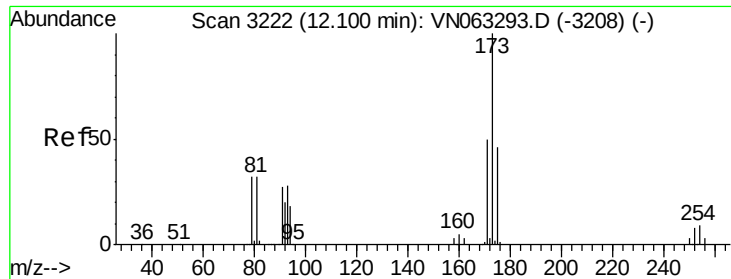
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#70
Styrene
Concen: 4.692 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion:104 Resp: 76007
Ion Ratio Lower Upper
104 100
78 53.4 42.9 64.3
103 54.5 44.2 66.2





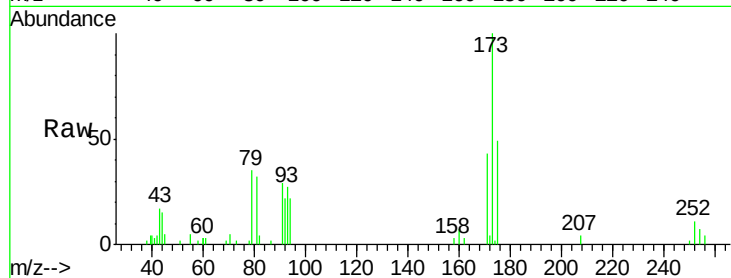
#71
Bromoform
Concen: 4.660 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

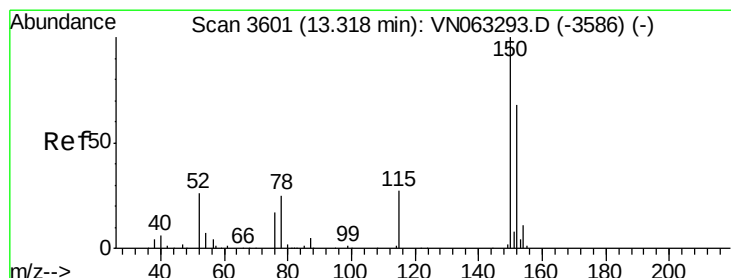
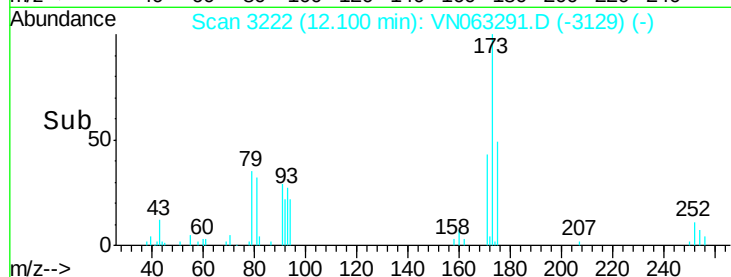
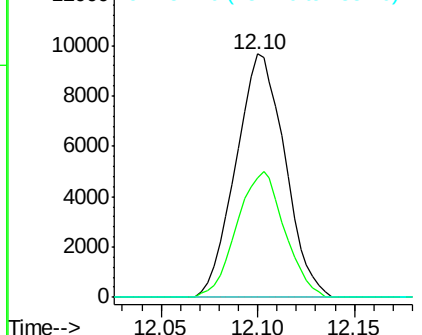
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	23.8	71.5
254	0.0	0.0	0.0

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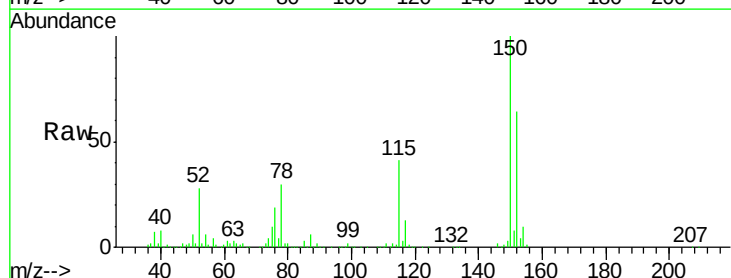


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

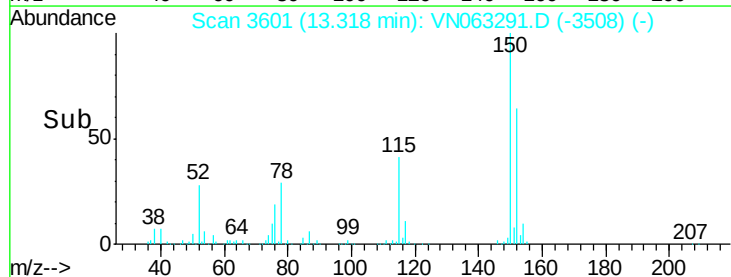
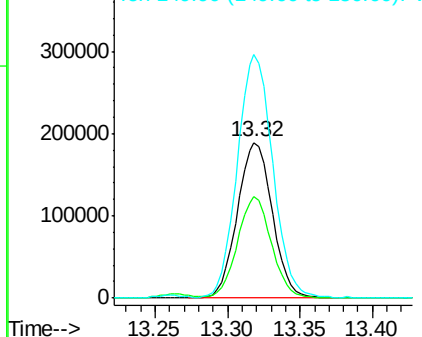


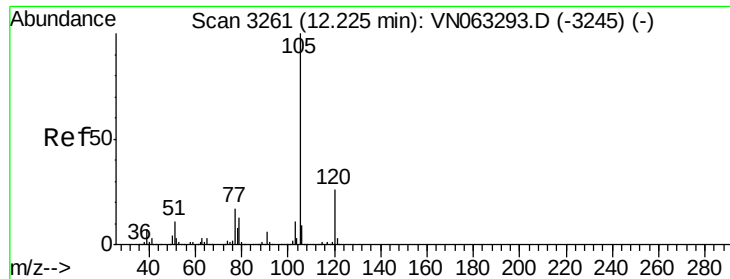
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.5	94.5
150	156.8	0.0	344.0



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





#73

Isopropylbenzene

Concen: 5.394 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 105 Resp: 130360

Ion Ratio Lower Upper

105 100

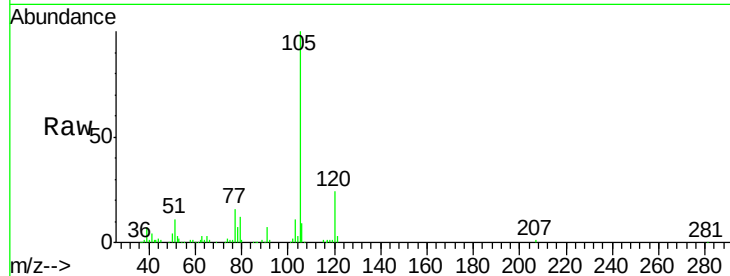
120 23.7 13.0 38.9

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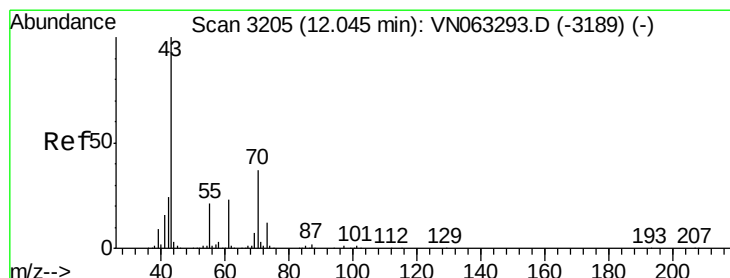
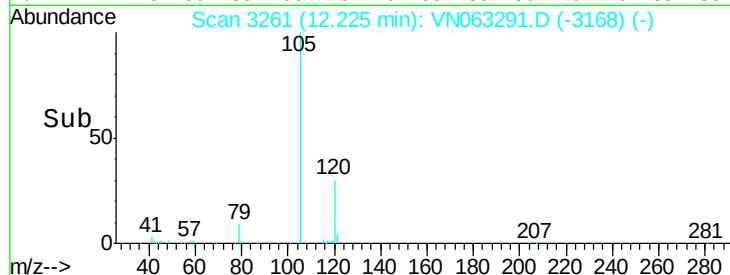
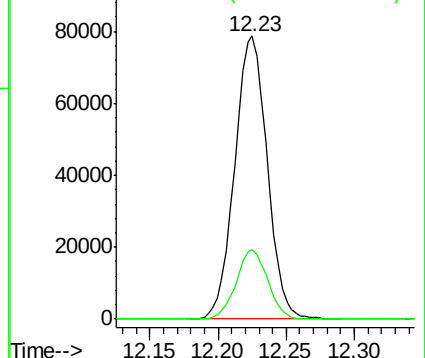
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.708 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion: 43 Resp: 47547

Ion Ratio Lower Upper

43 100

70 33.3 29.3 43.9

55 21.4 17.0 25.6

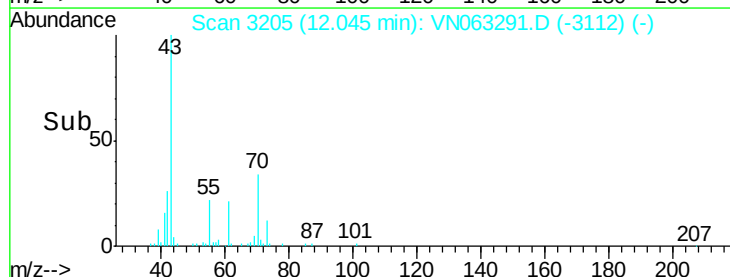
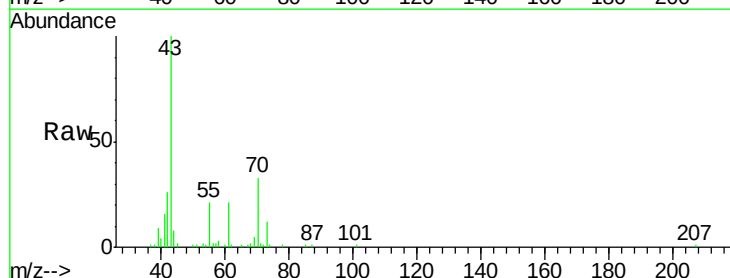
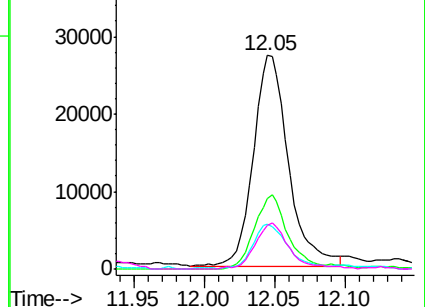
61 21.3 17.8 26.6

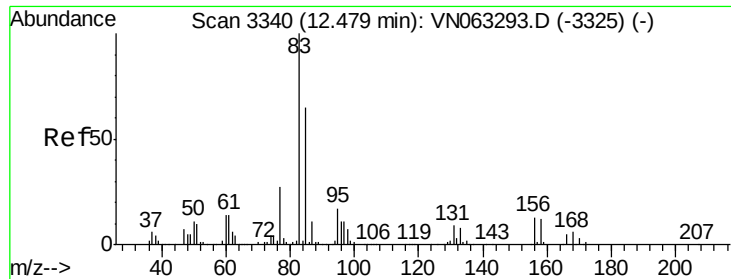
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.012 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

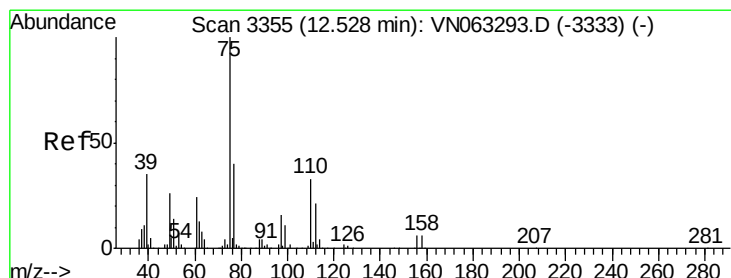
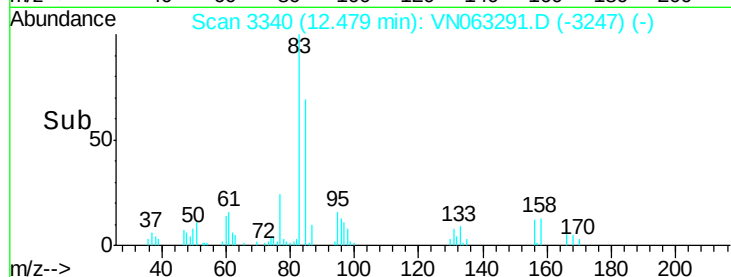
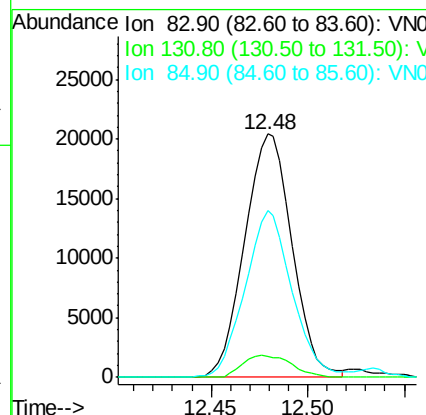
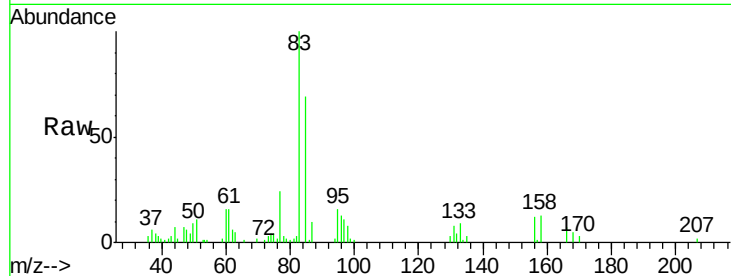
ClientSampled :

VSTDIC005

Tot Ion:	83	Resp:	34806
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.7	14.1
85	67.8	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 5.193 ug/l m

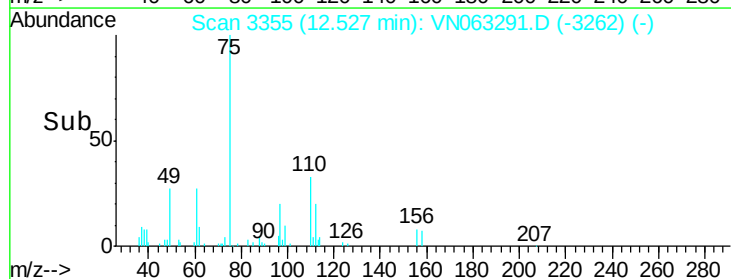
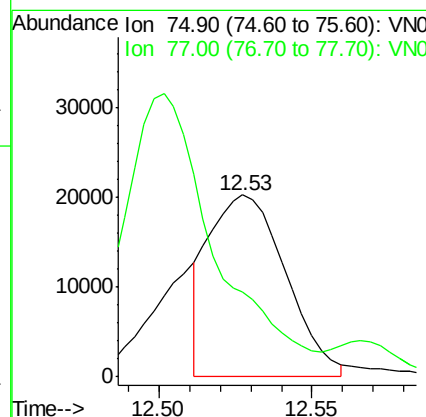
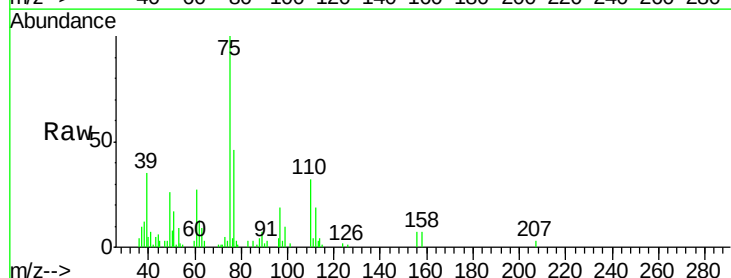
RT: 12.53 min Scan# 3355

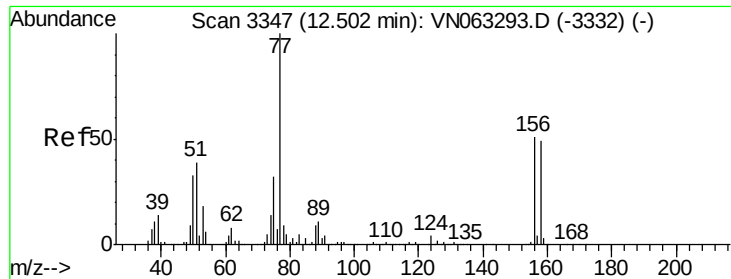
Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion:	75	Resp:	35295
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.132 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 28189

Ion Ratio Lower Upper

156 100

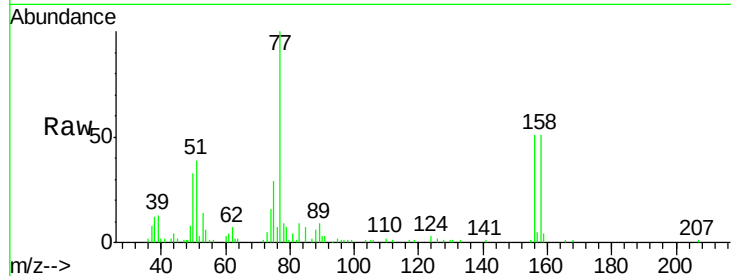
77 235.2 117.4 352.2

158 100.8 48.8 146.4

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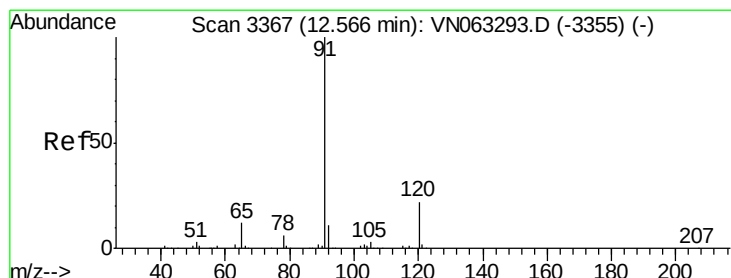
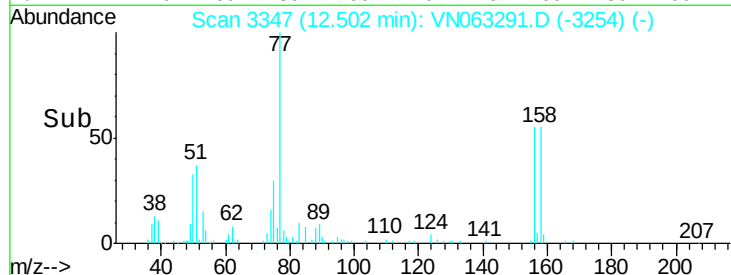
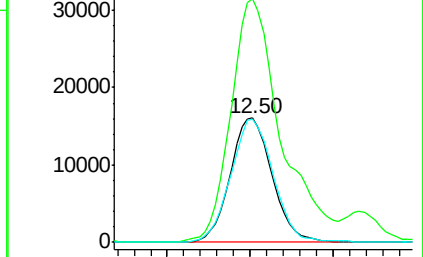
9/11/2020 2:02:20 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.145 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063291.D

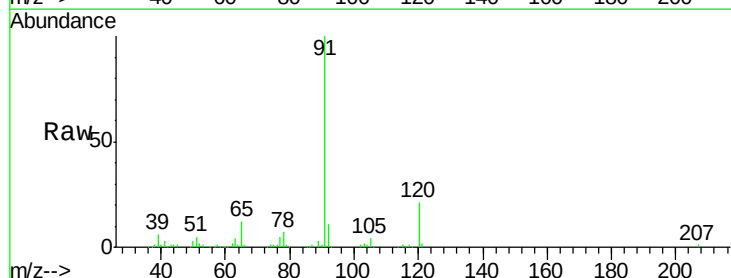
Acq: 10 Sep 2020 13:08

Tgt Ion: 91 Resp: 143854

Ion Ratio Lower Upper

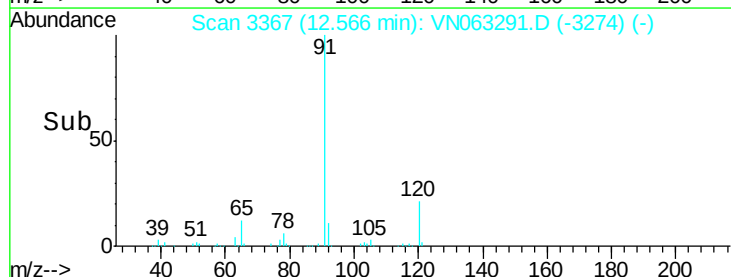
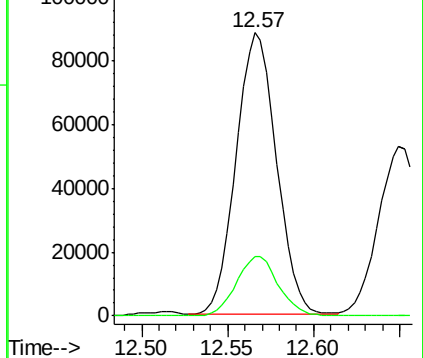
91 100

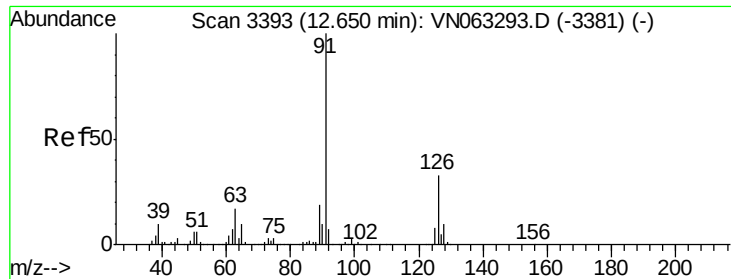
120 21.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





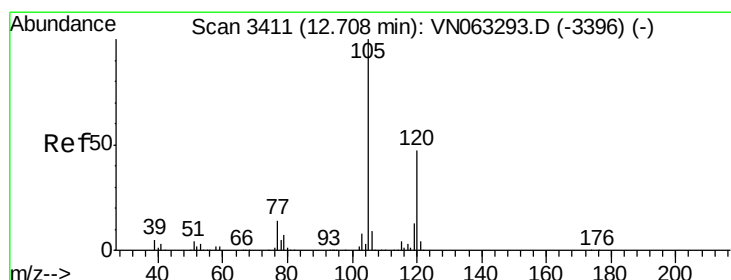
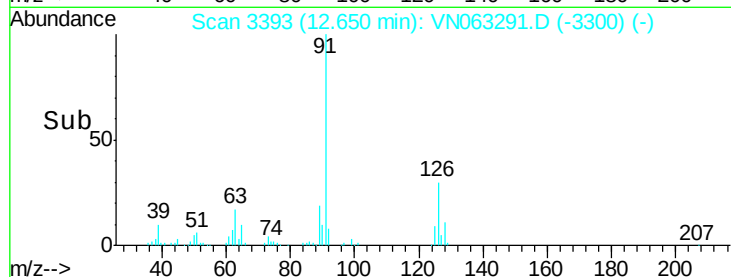
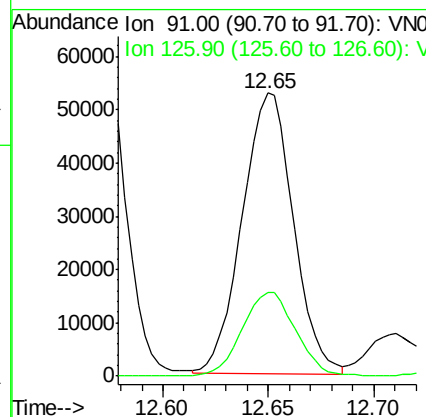
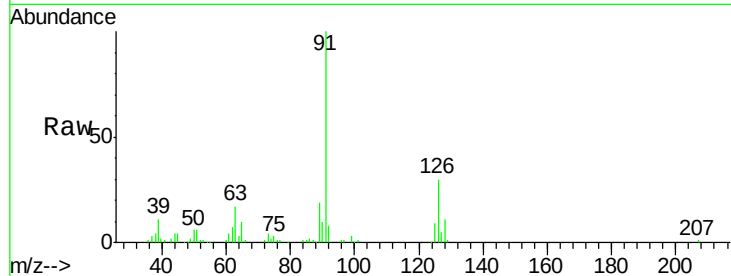
#79
 2-Chlorotoluene
 Concen: 5.288 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion: 91 Resp: 88805
 Ion Ratio Lower Upper
 91 100
 126 31.3 16.3 48.8

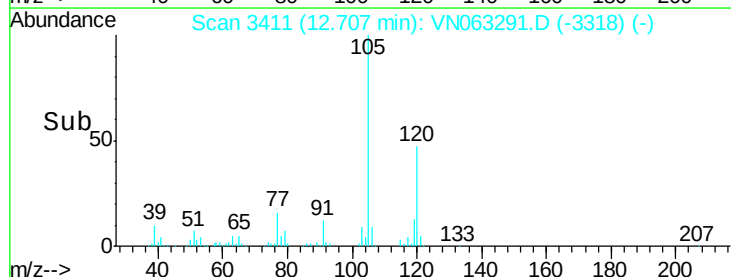
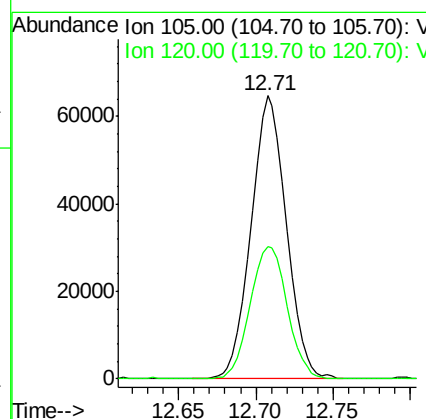
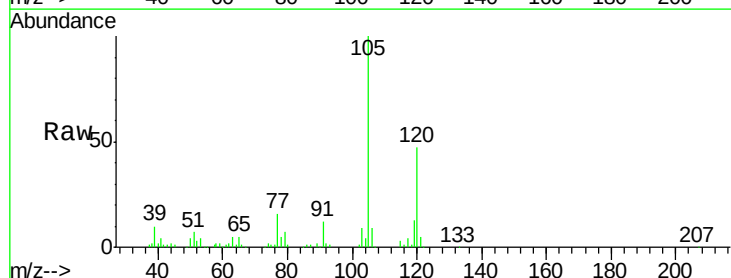
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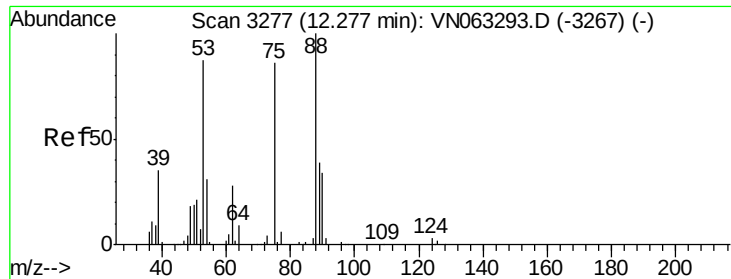
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#80
 1,3,5-Trimethylbenzene
 Concen: 5.098 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion: 105 Resp: 103000
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 4.693 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 11993

Ion Ratio Lower Upper

75 100

53 103.5 81.8 122.8

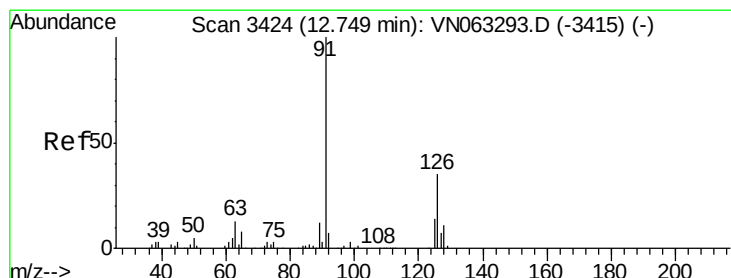
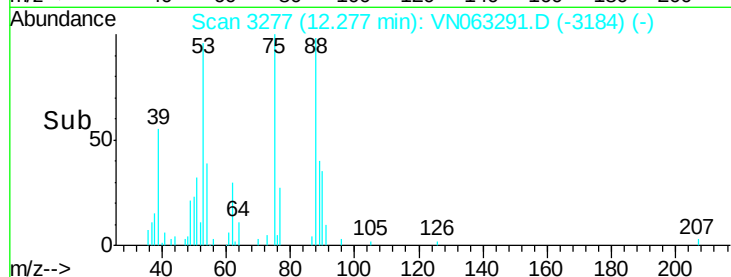
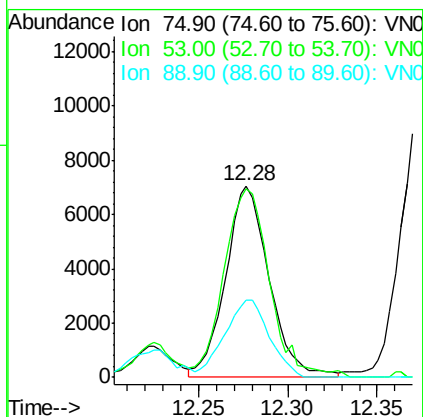
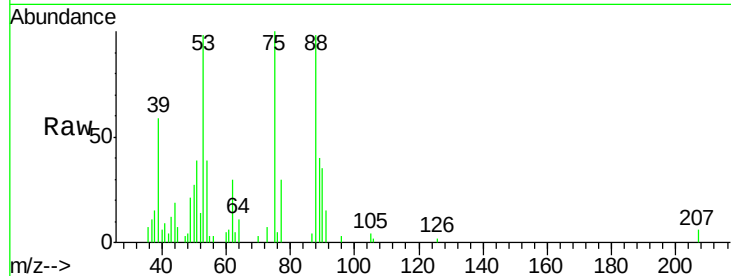
89 41.1 36.7 55.1

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#82

4-Chlorotoluene

Concen: 5.149 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063291.D

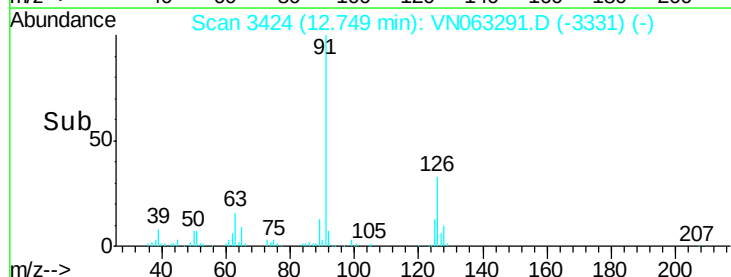
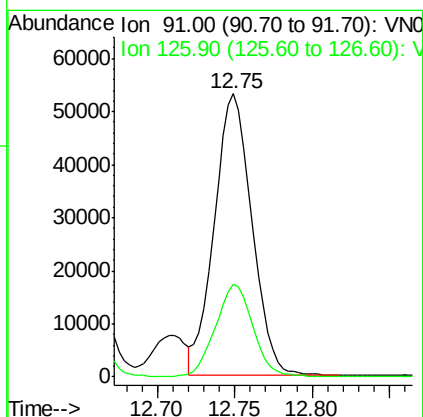
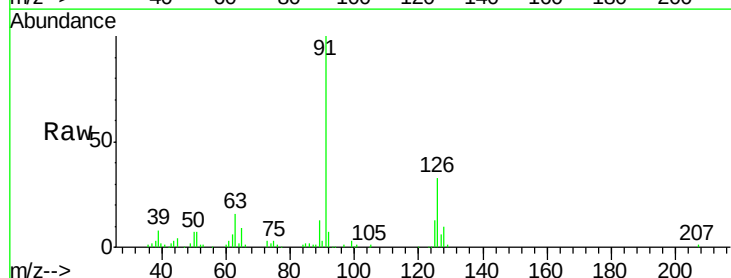
Acq: 10 Sep 2020 13:08

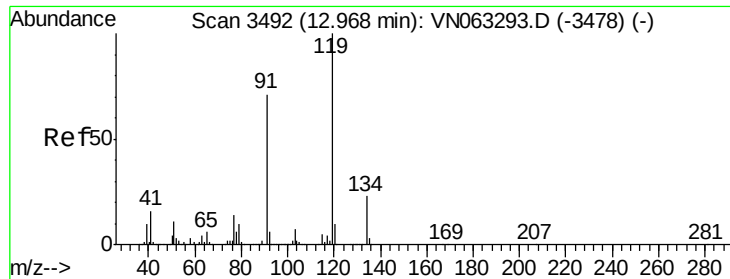
Tgt Ion: 91 Resp: 89583

Ion Ratio Lower Upper

91 100

126 32.9 15.9 47.7





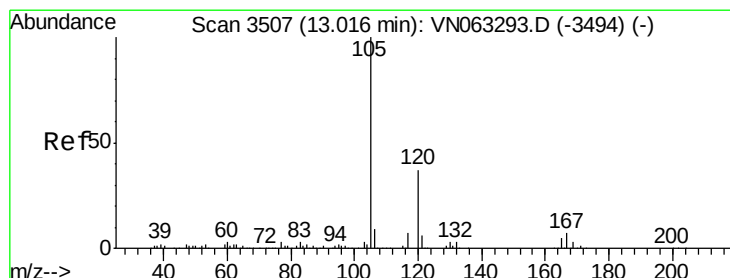
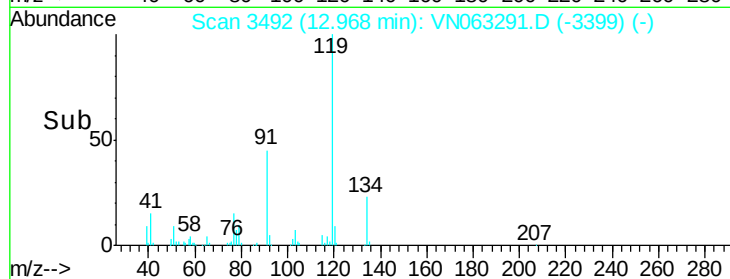
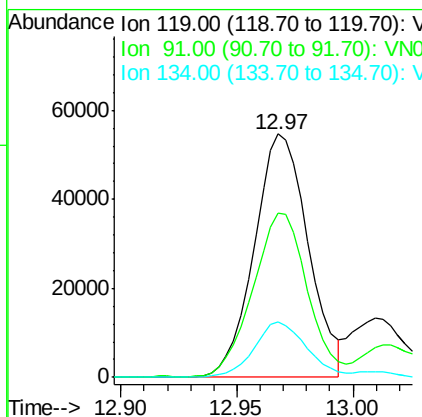
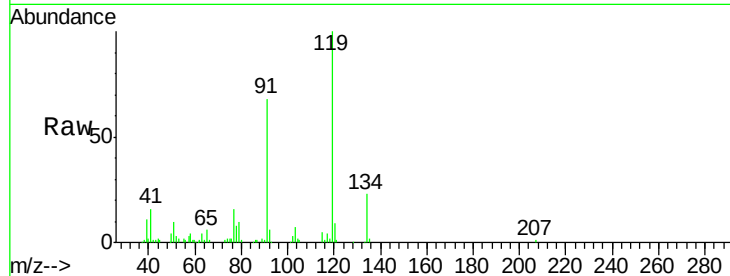
#83
 tert-Butylbenzene
 Concen: 5.130 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.9	34.8	104.3
134	22.4	11.9	35.5

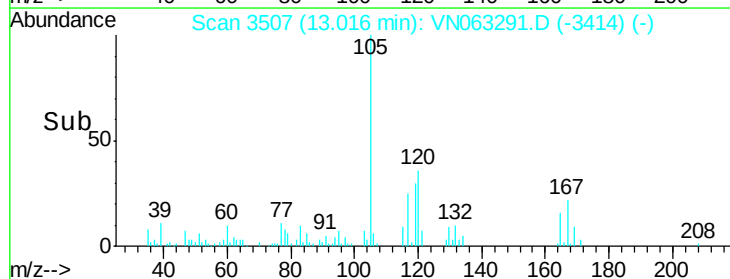
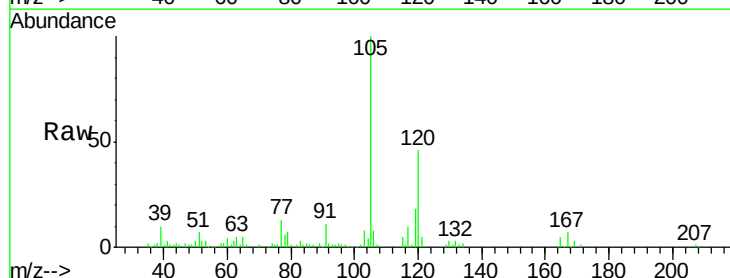
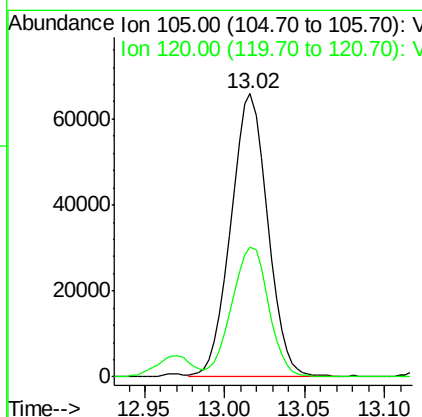
Manual Integrations
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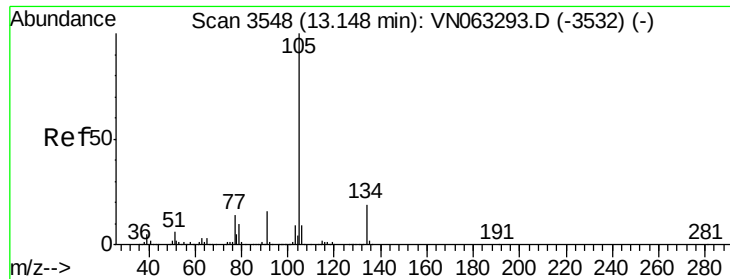
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.079 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	21.8	65.4





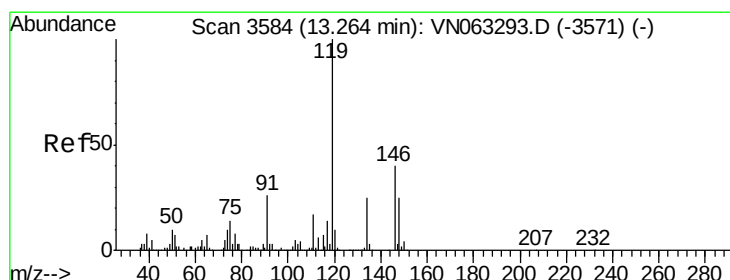
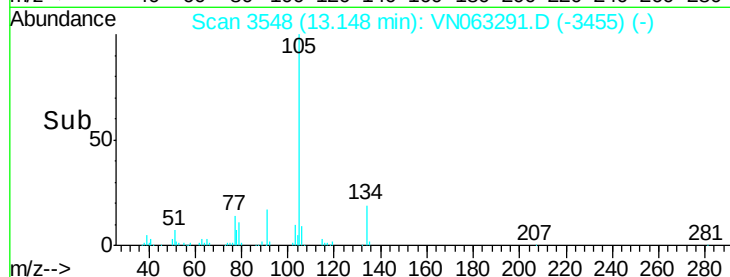
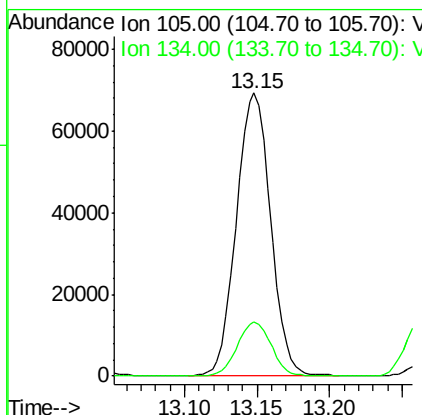
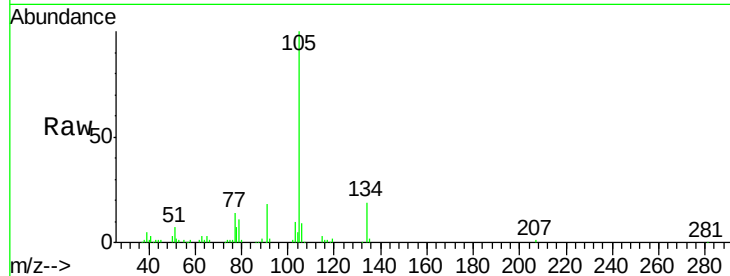
#85
 sec-Butylbenzene
 Concen: 5.095 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
105	100	113977		
134	19.2	9.4	28.3	

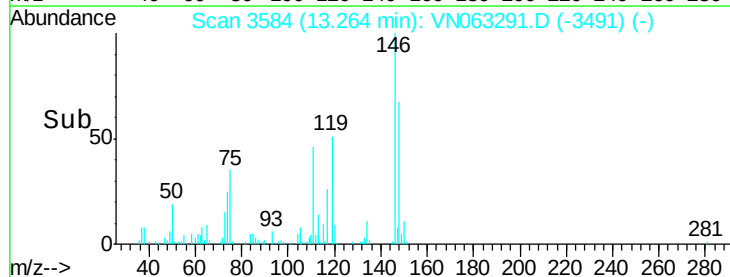
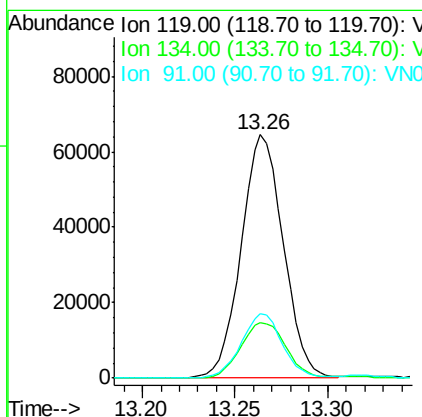
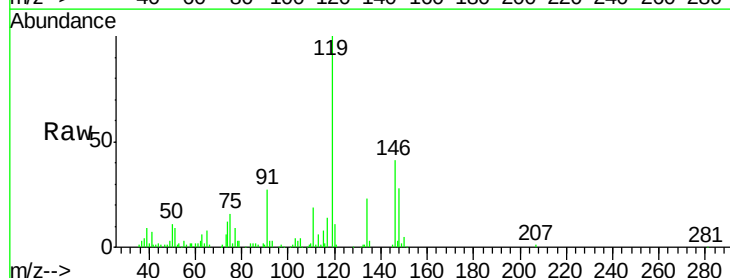
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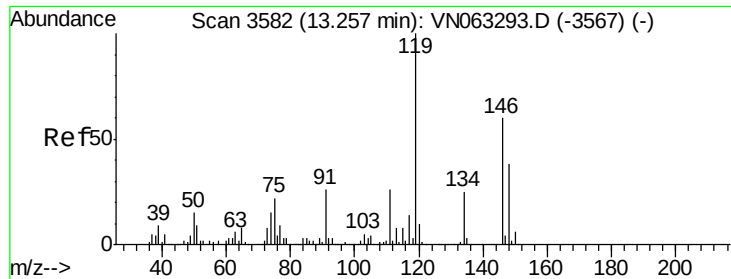
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#86
 p-Isopropyltoluene
 Concen: 5.078 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	101099		
134	24.6	12.6	37.8	
91	26.2	12.8	38.3	





#87

1,3-Dichlorobenzene

Concen: 5.005 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

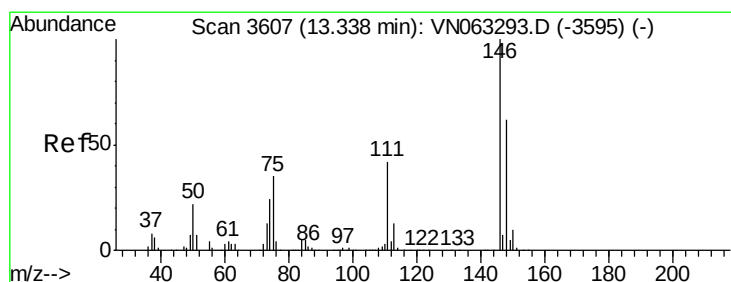
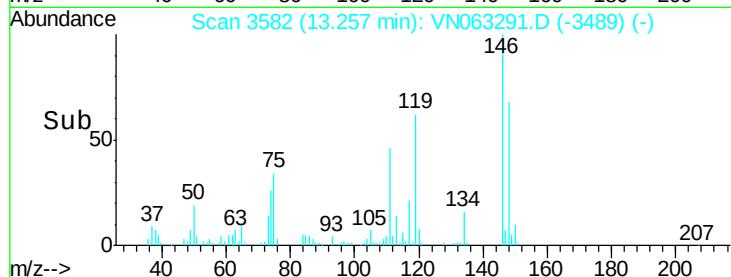
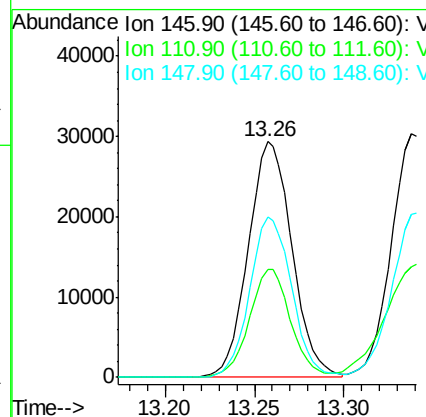
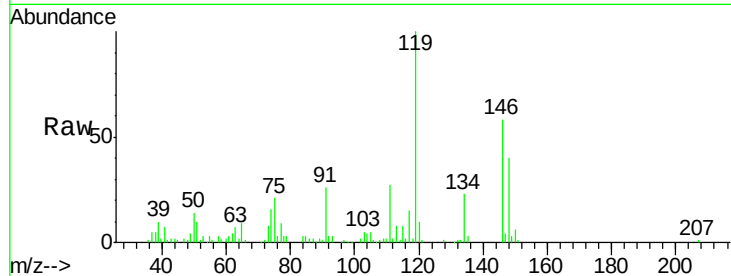
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	50376
Ion Ratio	Lower	Upper	
146	100		
111	43.3	21.8	65.4
148	65.1	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 5.006 ug/l

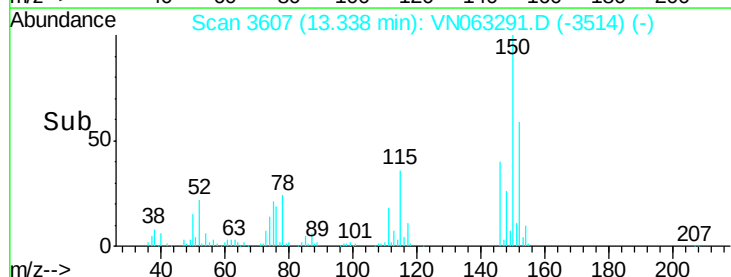
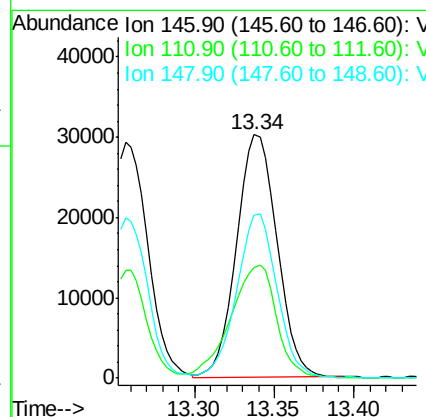
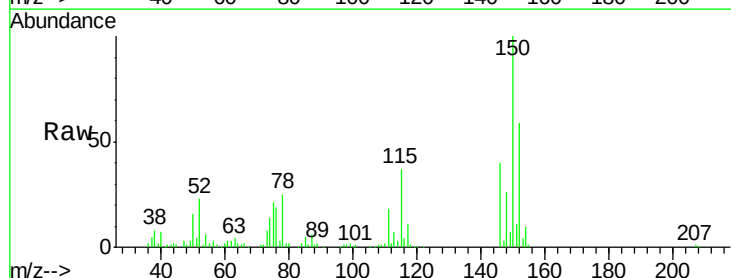
RT: 13.34 min Scan# 3607

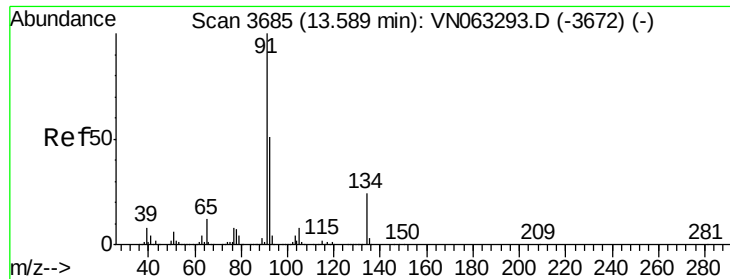
Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion:	146	Resp:	51973
Ion Ratio	Lower	Upper	
146	100		
111	53.6	21.3	64.0
148	67.7	31.5	94.5





#89

n-Butylbenzene

Concen: 4.820 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

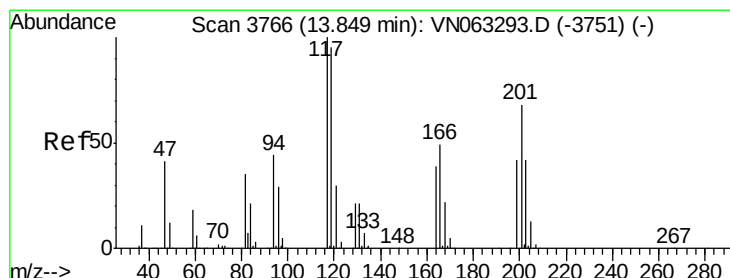
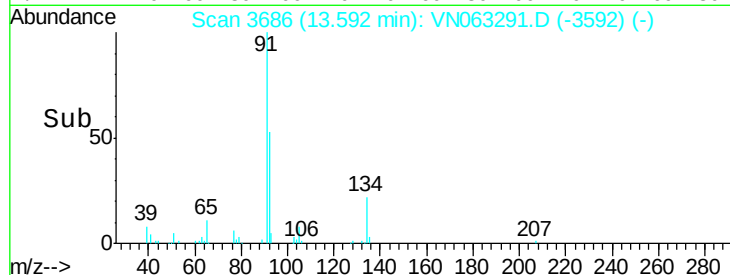
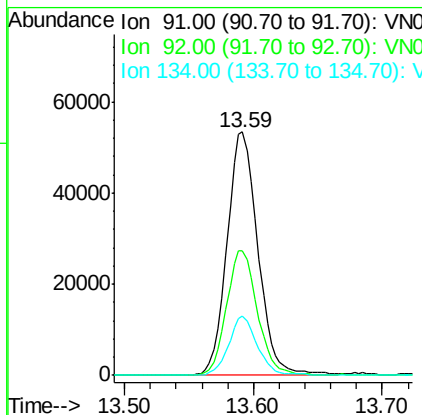
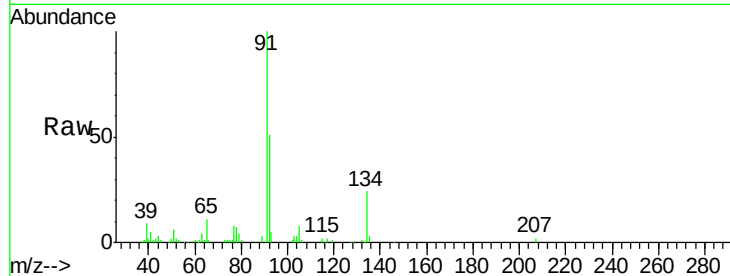
ClientSampleId :

VSTDIC005

Tot Ion:	91	Resp:	88773
Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.8	77.3
134	22.3	12.0	36.0

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#90

Hexachloroethane

Concen: 4.057 ug/l

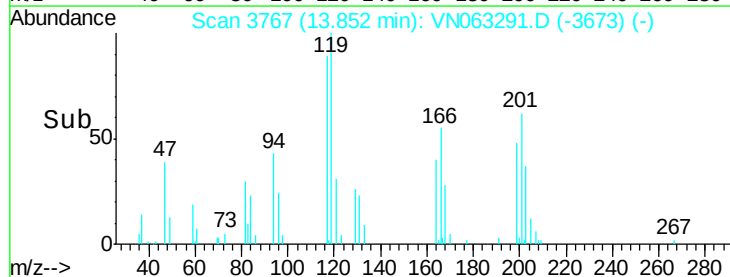
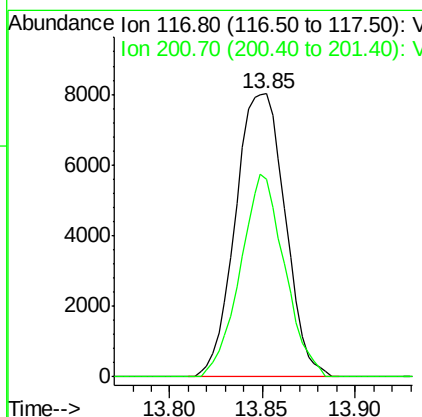
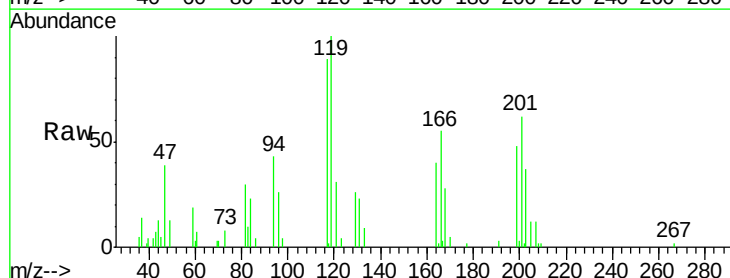
RT: 13.85 min Scan# 3767

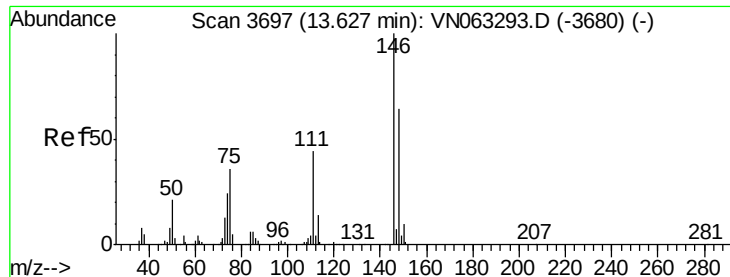
Delta R.T. 0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion:	117	Resp:	14890
Ion	Ratio	Lower	Upper
117	100		
201	63.8	33.5	100.4





#91

1,2-Dichlorobenzene

Concen: 5.391 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

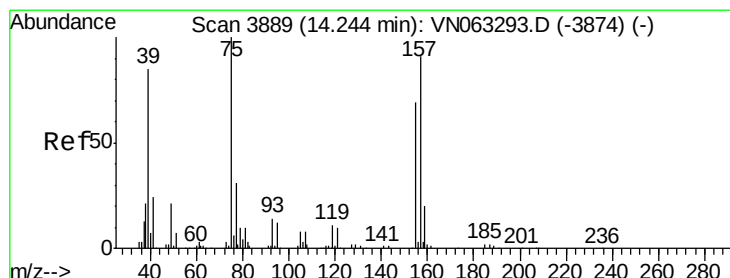
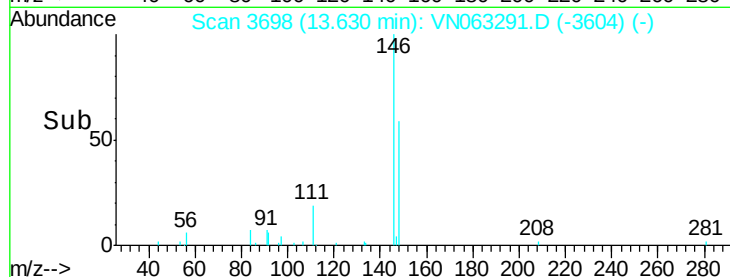
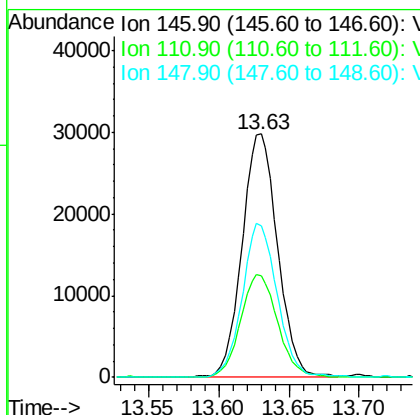
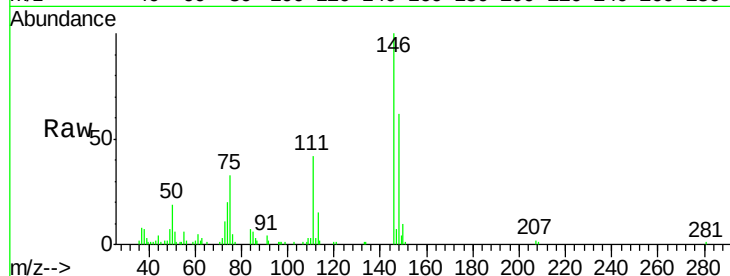
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	52675
Ion Ratio	Lower	Upper	
146	100		
111	43.8	22.1	66.5
148	62.5	31.8	95.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 4.566 ug/l

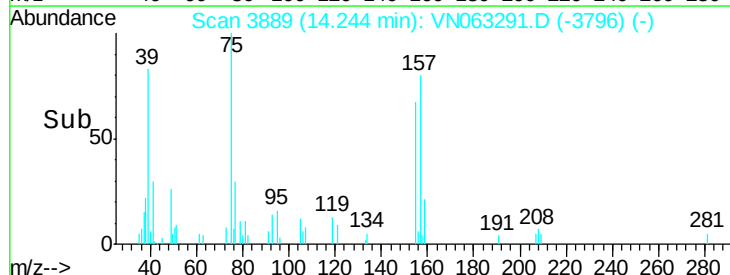
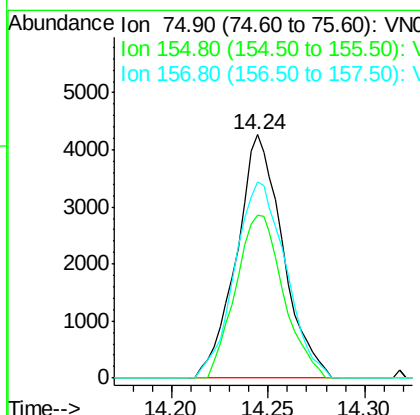
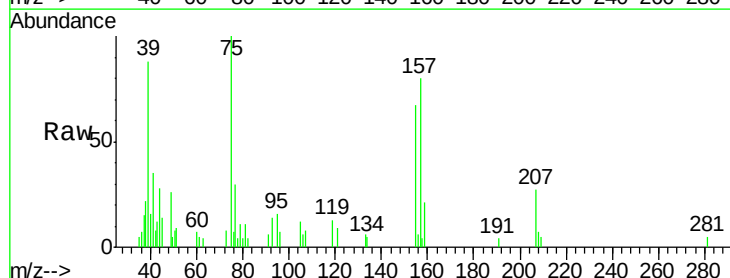
RT: 14.24 min Scan# 3889

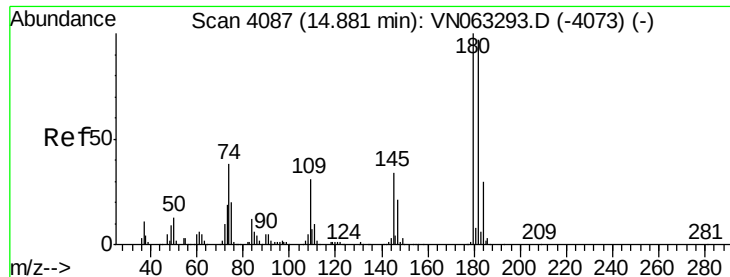
Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion:	75	Resp:	7100
Ion Ratio	Lower	Upper	
75	100		
155	68.8	35.3	105.7
157	88.6	46.7	140.0





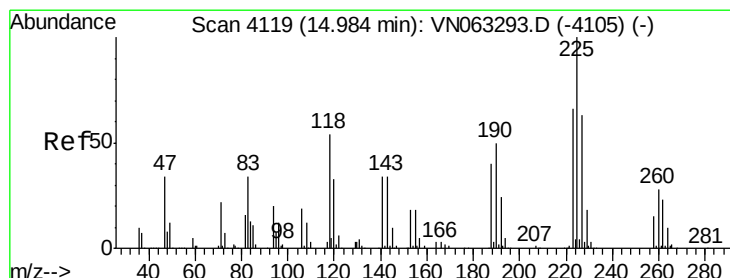
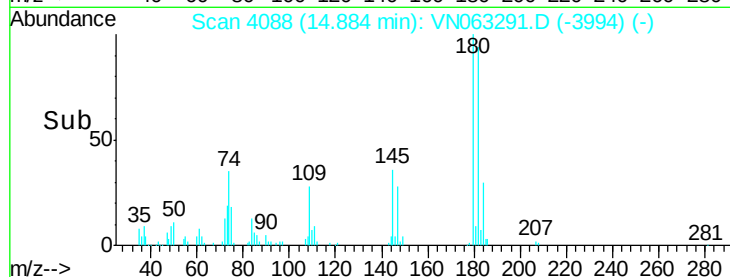
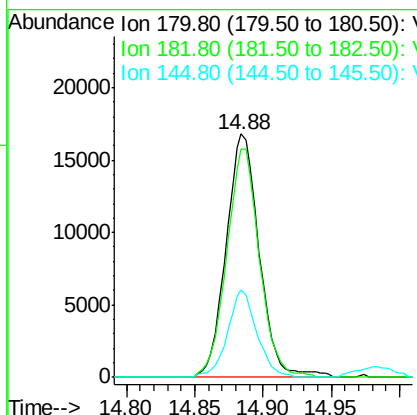
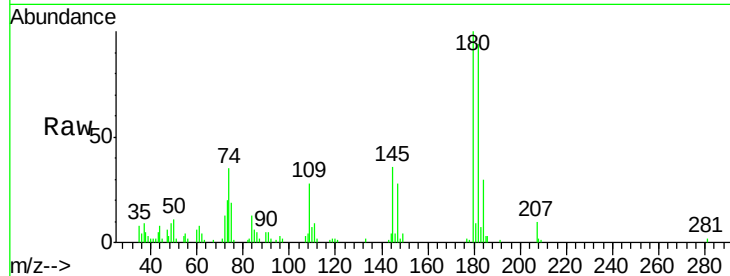
#93
 1,2,4-Trichlorobenzene
 Concen: 5.128 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	28313		
182	93.0	48.0	144.2	
145	31.7	16.6	49.8	

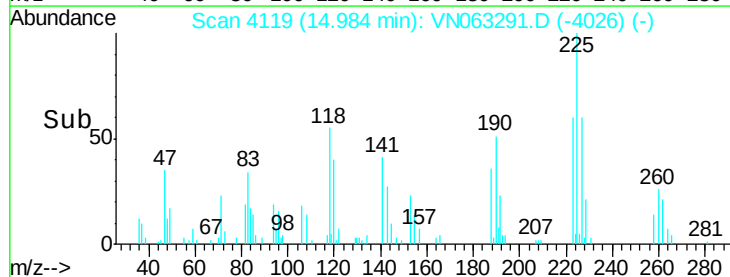
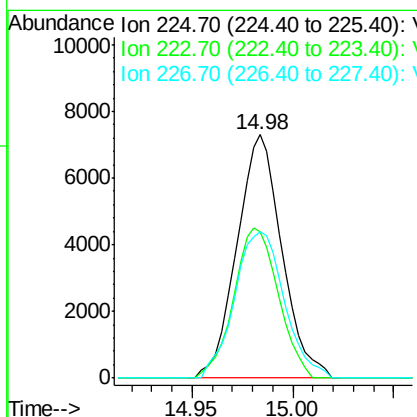
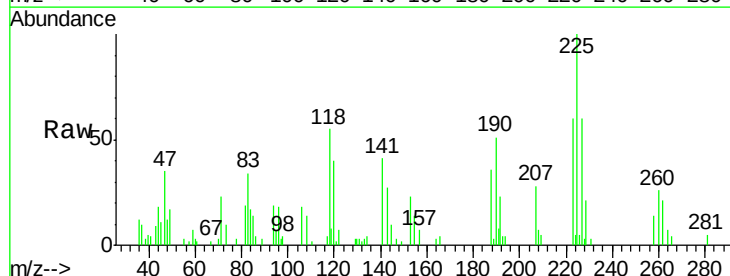
Manual Integrations
 APPROVED

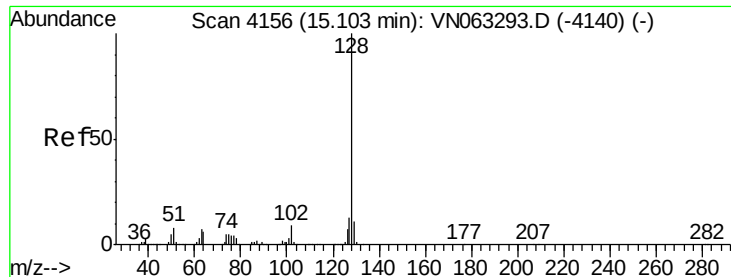
MMDadoda
 9/11/2020 2:02:20 PM



#94
 Hexachlorobutadiene
 Concen: 5.451 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	11375		
223	61.4	31.3	93.9	
227	66.7	31.2	93.6	





#95

Naphthalene

Concen: 4.631 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

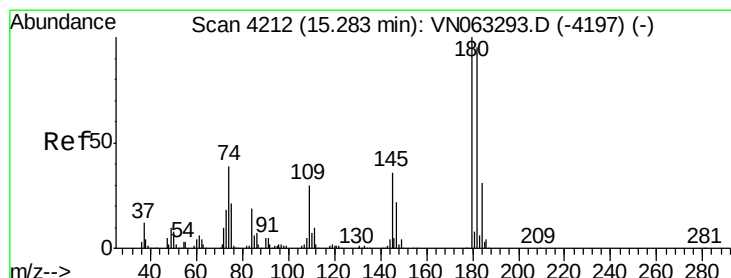
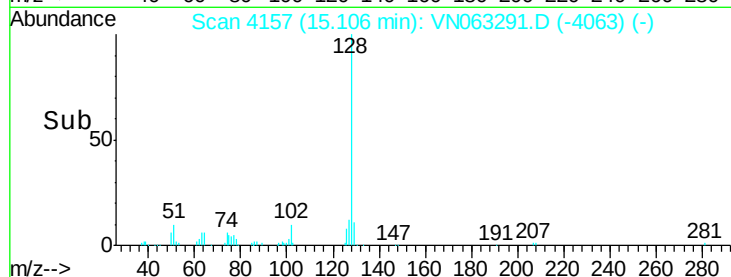
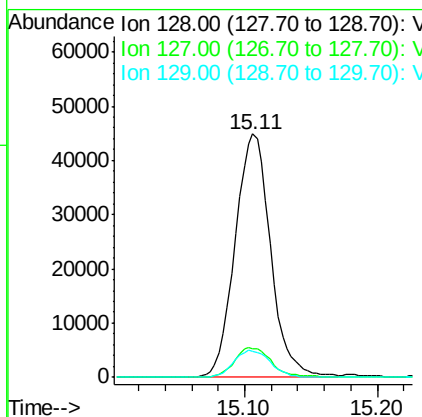
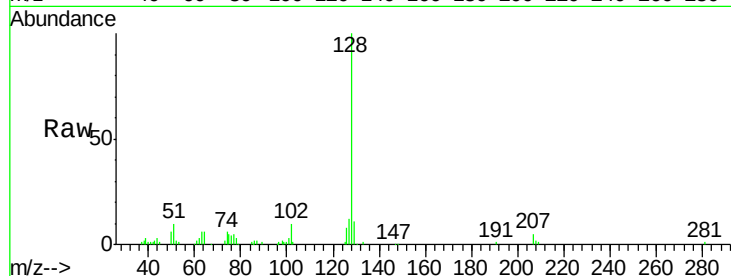
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	83677
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.3	15.5
129	11.3	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/11/2020 2:02:20 PM



#96

1,2,3-Trichlorobenzene

Concen: 5.087 ug/l

RT: 15.29 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion:	180	Resp:	27361
Ion Ratio	Lower	Upper	
180	100		
182	99.1	47.4	142.3
145	34.3	17.2	51.6

