

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120919\
 Data File : VN059525.D
 Acq On : 9 Dec 2019 14:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 12/10/2019 5:10:27 PM

Quant Time: Dec 10 02:18:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	258542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	407265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	460598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	227470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	192801	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	7.57	113	138262	56.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.78%	
50) Toluene-d8	10.08	98	650036	65.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.02%	
62) 4-Bromofluorobenzene	12.40	95	236864	64.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	140208	47.018	ug/l	100
3) Chloromethane	2.04	50	220912	48.938	ug/l	98
4) Vinyl Chloride	2.17	62	220278	49.508	ug/l	100
5) Bromomethane	2.54	94	132549	48.909	ug/l	99
6) Chloroethane	2.68	64	131934	49.657	ug/l	98
7) Trichlorofluoromethane	3.00	101	276626	52.009	ug/l	98
8) Diethyl Ether	3.38	74	99361	54.510	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	133047	48.065	ug/l	99
10) Methyl Iodide	3.93	142	169458	45.211	ug/l	99
11) Tert butyl alcohol	4.74	59	133770	223.772	ug/l	99
12) 1,1-Dichloroethene	3.71	96	122945	45.688	ug/l	95
13) Acrolein	3.58	56	33092	113.755	ug/l	97
14) Allyl chloride	4.29	41	250542	48.400	ug/l	99
15) Acrylonitrile	4.95	53	397390	252.045	ug/l	99
16) Acetone	3.79	43	372995	220.970	ug/l	99
17) Carbon Disulfide	4.03	76	397809	46.585	ug/l	99
18) Methyl Acetate	4.29	43	212304	47.905	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	462098	51.660	ug/l	100
20) Methylene Chloride	4.52	84	149564	49.164	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	143042	49.527	ug/l	97
22) Diisopropyl ether	5.92	45	509209	51.673	ug/l	96
23) Vinyl Acetate	5.86	43	2171320	264.141	ug/l	100
24) 1,1-Dichloroethane	5.82	63	285701	51.064	ug/l	100
25) 2-Butanone	6.81	43	659648	290.326	ug/l	99
26) 2,2-Dichloropropane	6.80	77	290837	57.539	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	191229	58.866	ug/l	99
28) Bromochloromethane	7.17	49	117718	54.792	ug/l	99
29) Tetrahydrofuran	7.18	42	377960	239.150	ug/l	99
30) Chloroform	7.35	83	284725	51.563	ug/l	98
31) Cyclohexane	7.63	56	257142	47.227	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	247735	50.572	ug/l	99
36) 1,1-Dichloropropene	7.77	75	214800	51.407	ug/l	100
37) Ethyl Acetate	6.90	43	261068	53.470	ug/l	99
38) Carbon Tetrachloride	7.75	117	217796	52.882	ug/l	98

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

39) Methylcyclohexane	9.07	83	246037	52.494	ug/l	98
40) Benzene	8.02	78	617620	51.742	ug/l	99
41) Methacrylonitrile	7.15	41	105606m	52.008	ug/l	
42) 1,2-Dichloroethane	8.10	62	239165	53.777	ug/l	99
43) Isopropyl Acetate	8.14	43	380809	52.796	ug/l	99
44) Trichloroethene	8.82	130	155733	51.643	ug/l	100
45) 1,2-Dichloropropane	9.10	63	167812	53.070	ug/l	100
46) Dibromomethane	9.19	93	109281	52.294	ug/l	98
47) Bromodichloromethane	9.39	83	225554	54.308	ug/l	100
48) Methyl methacrylate	9.18	41	173126	54.895	ug/l	99
49) 1,4-Dioxane	9.18	88	43945	1089.073	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	1372034	299.544	ug/l	98
52) Toluene	10.15	92	466820	65.638	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	299360	61.863	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	326364	65.898	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	176358	61.312	ug/l	97
56) Ethyl methacrylate	10.42	69	256631	51.716	ug/l #	85
57) 1,3-Dichloropropane	10.70	76	316171	64.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	456670	387.548	ug/l	100
59) 2-Hexanone	10.74	43	1000325	285.456	ug/l	94
60) Dibromochloromethane	10.90	129	203214	59.002	ug/l	99
61) 1,2-Dibromoethane	11.00	107	186753	62.367	ug/l	99
64) Tetrachloroethene	10.63	164	171435	50.927	ug/l	98
65) Chlorobenzene	11.43	112	481036	49.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	185459	51.523	ug/l	100
67) Ethyl Benzene	11.51	91	894770	51.522	ug/l	100
68) m/p-Xylenes	11.62	106	680400	104.438	ug/l	100
69) o-Xylene	11.94	106	293581	48.415	ug/l	98
70) Styrene	11.96	104	504759	50.245	ug/l	99
71) Bromoform	12.12	173	145451	51.356	ug/l #	99
73) Isopropylbenzene	12.25	105	801163	46.954	ug/l	100
74) N-amyl acetate	12.07	43	380227	51.158	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	282470	48.856	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	261113m	44.888	ug/l	
77) Bromobenzene	12.53	156	208172	49.006	ug/l	100
78) n-propylbenzene	12.59	91	1029534	49.102	ug/l	100
79) 2-Chlorotoluene	12.67	91	598625	47.880	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	683680	46.726	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	99601	46.068	ug/l	100
82) 4-Chlorotoluene	12.77	91	584031	45.684	ug/l	99
83) tert-Butylbenzene	12.99	119	588593	48.240	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	726063	50.255	ug/l	99
85) sec-Butylbenzene	13.17	105	822382	49.070	ug/l	100
86) p-Isopropyltoluene	13.29	119	761340	50.828	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	379461	48.499	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	380178	49.625	ug/l	100
89) n-Butylbenzene	13.62	91	727300	51.711	ug/l	99
90) Hexachloroethane	13.88	117	140056	50.913	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	375347	51.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	54558	41.520	ug/l	90

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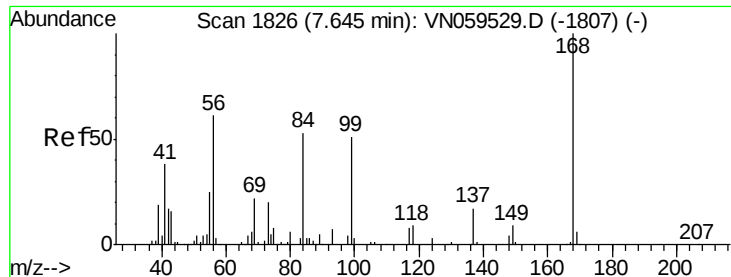
Manual Integrations
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12/10/2019 5:10:27 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	206363	40.636	ug/l	99
94) Hexachlorobutadiene	15.01	225	102145	39.371	ug/l	99
95) Naphthalene	15.13	128	592592	39.919	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	199963	40.886	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 258542

Ion Ratio Lower Upper

168 100

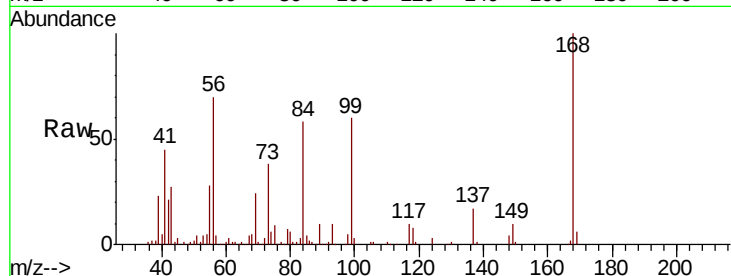
99 59.4 46.6 70.0

Manual Integrations

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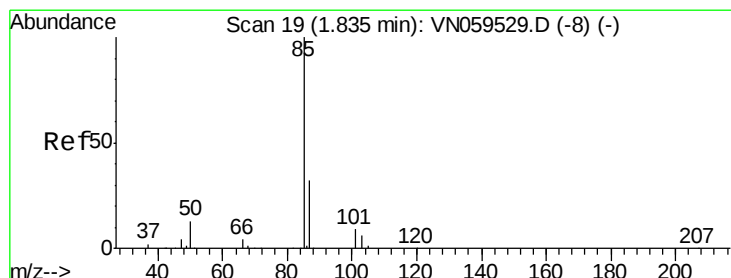
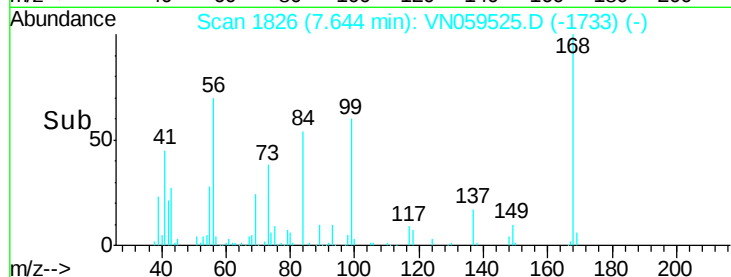
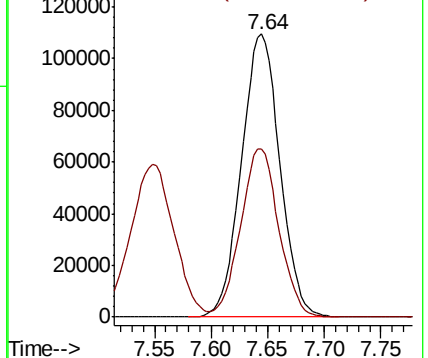
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.018 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059525.D

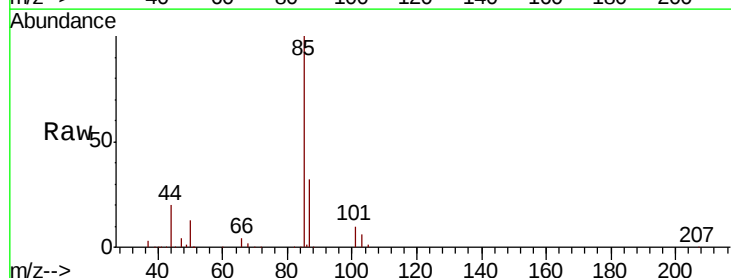
Acq: 9 Dec 2019 14:07

Tgt Ion: 85 Resp: 140208

Ion Ratio Lower Upper

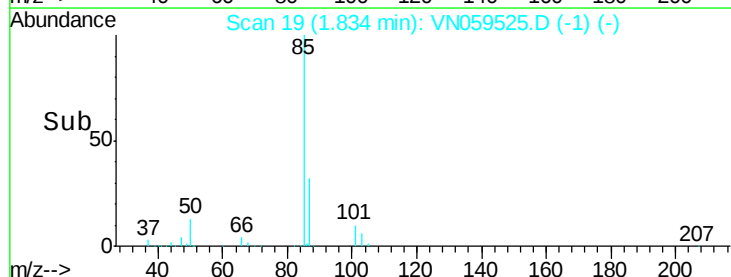
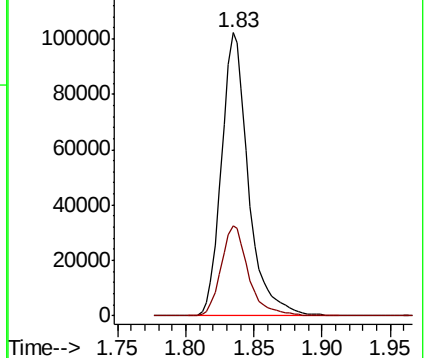
85 100

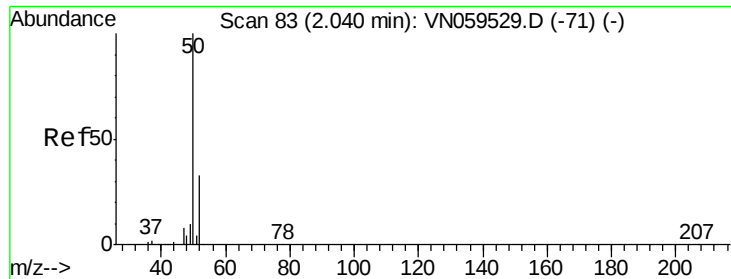
87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 48.938 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 220912

Ion Ratio Lower Upper

50 100

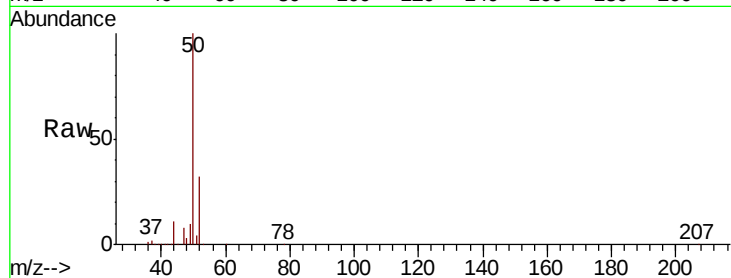
52 31.8 26.2 39.4

Manual Integrations

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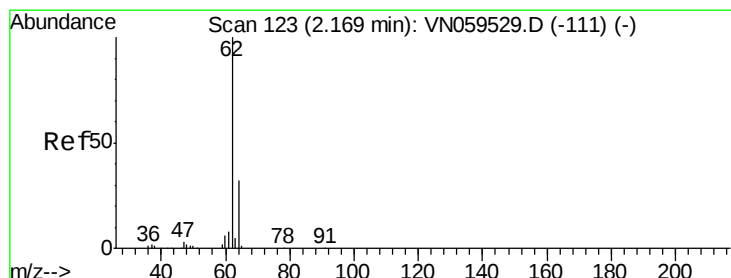
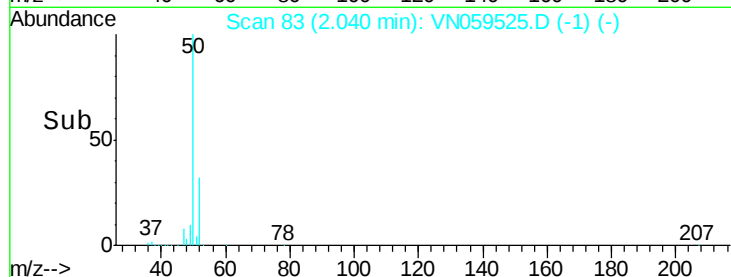
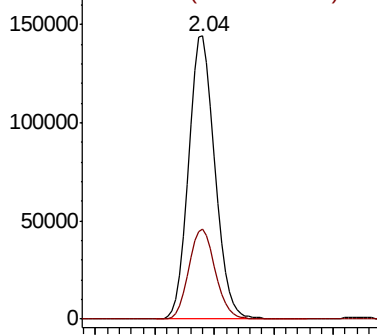
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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 49.508 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059525.D

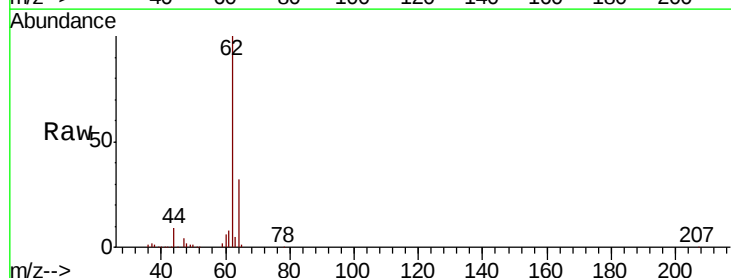
Acq: 9 Dec 2019 14:07

Tgt Ion: 62 Resp: 220278

Ion Ratio Lower Upper

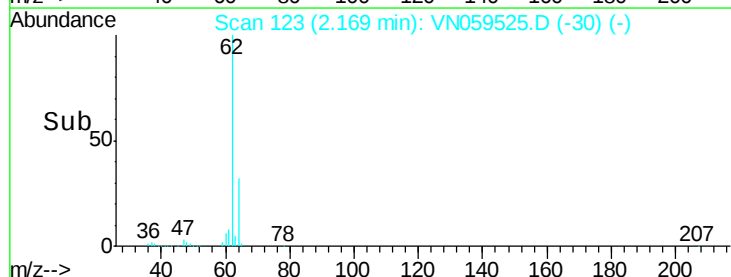
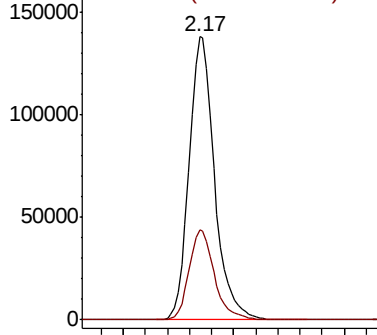
62 100

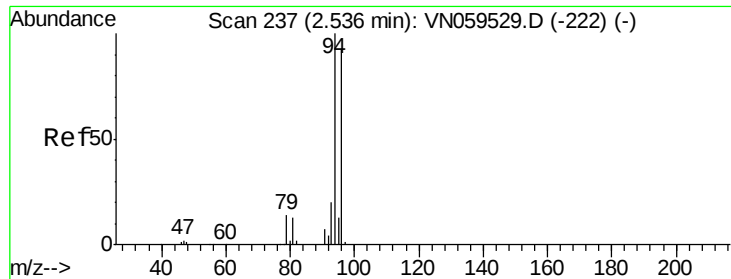
64 31.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 48.909 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 132549

Ion Ratio Lower Upper

94 100

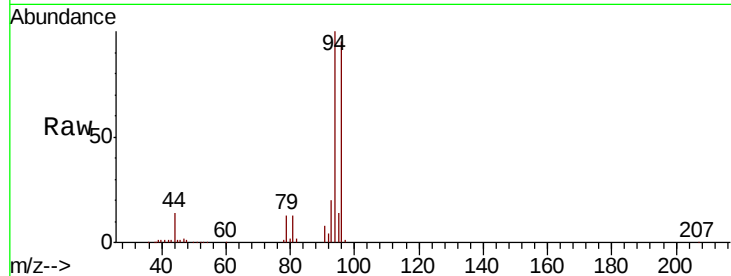
96 94.6 74.6 112.0

Manual Integrations

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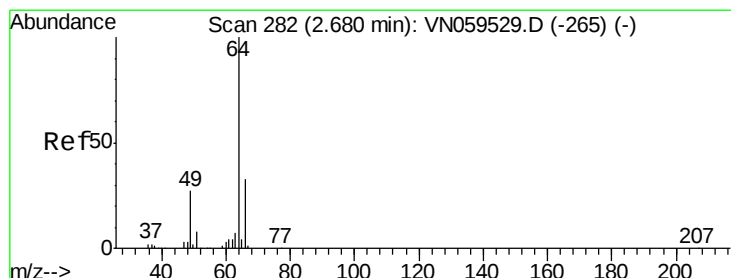
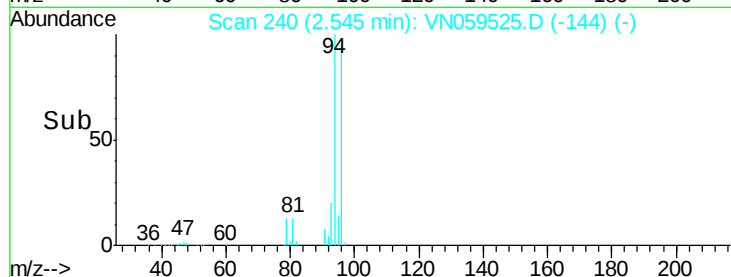
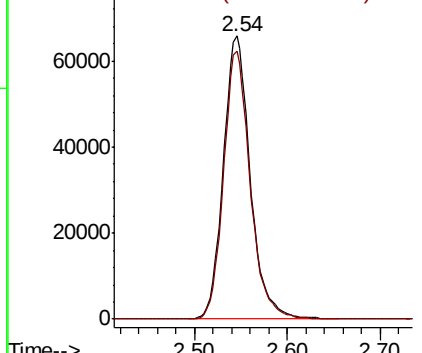
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 49.657 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059525.D

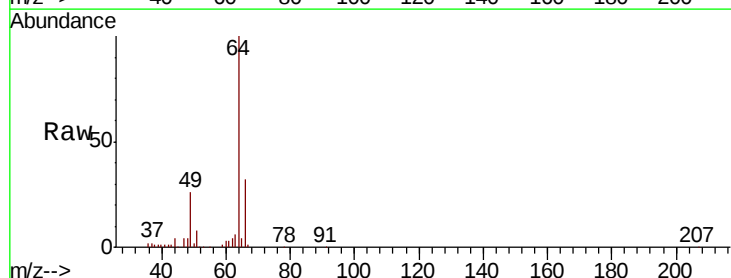
Acq: 9 Dec 2019 14:07

Tgt Ion: 64 Resp: 131934

Ion Ratio Lower Upper

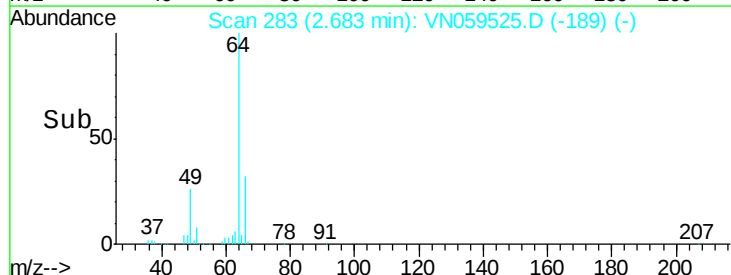
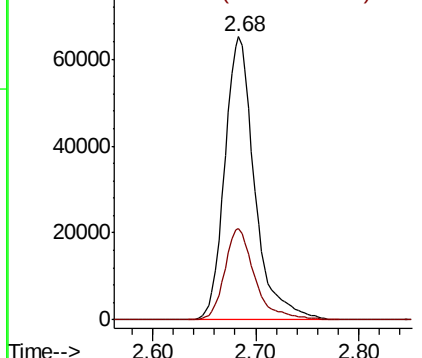
64 100

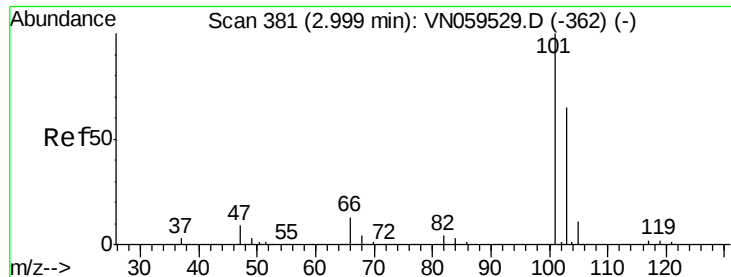
66 32.3 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

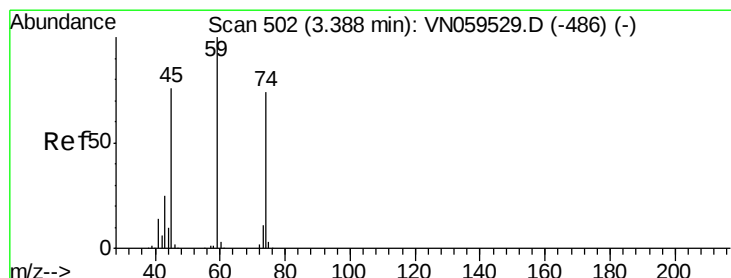
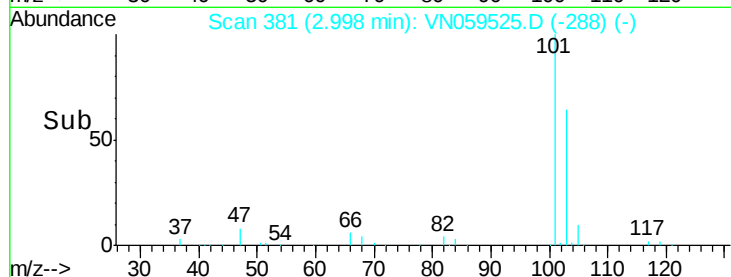
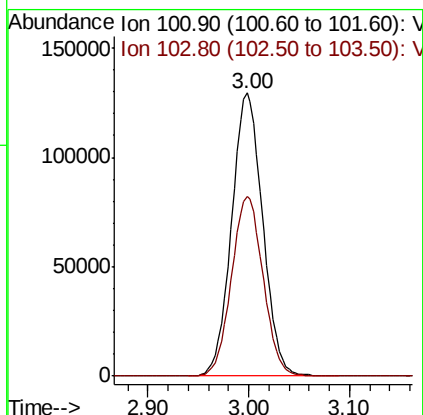
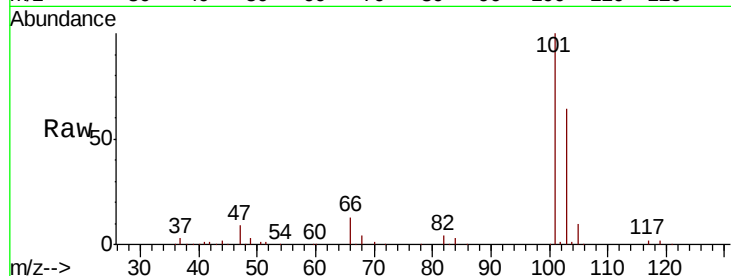
Trichlorofluoromethane
Concen: 52.009 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.2	78.4

Manual Integrations
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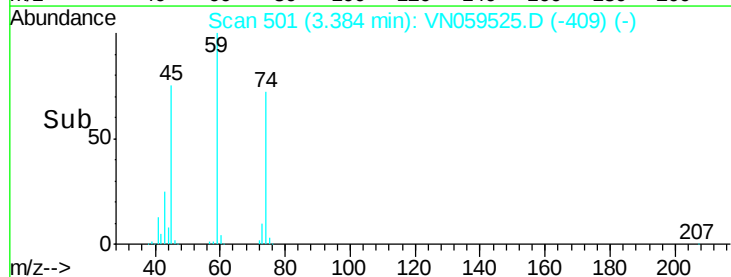
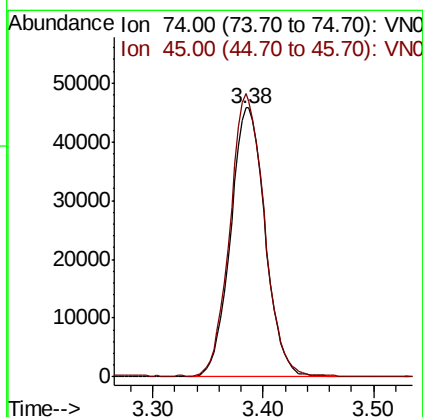
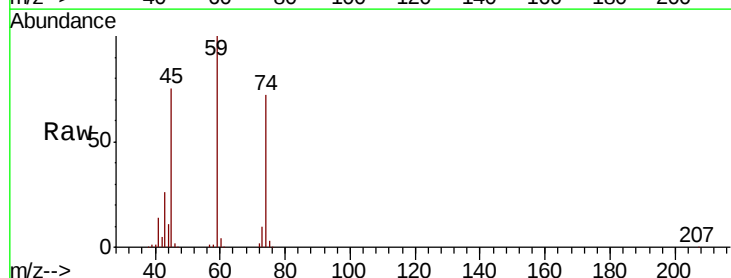
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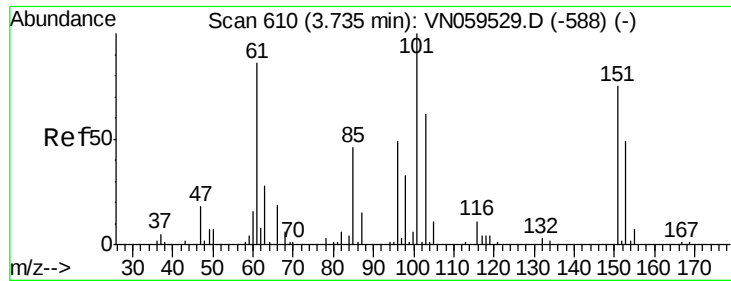


#8

Diethyl Ether
Concen: 54.510 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.0	52.6	157.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.065 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

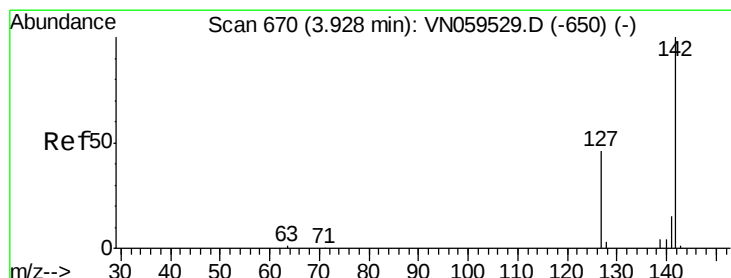
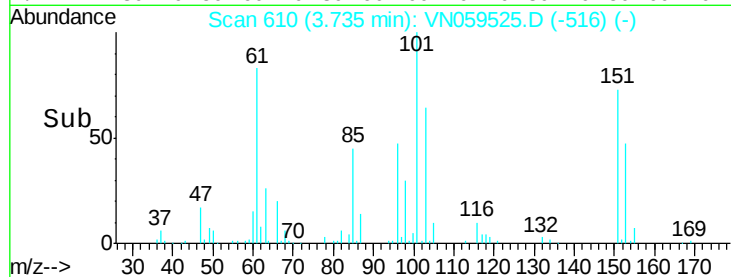
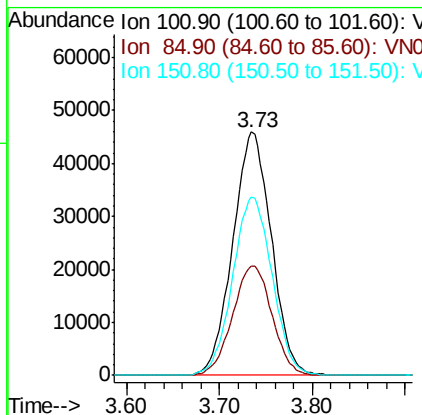
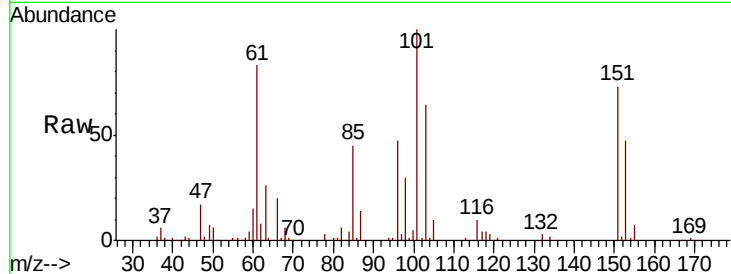
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	133047
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.6	54.8
151	74.8	59.3	88.9

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#10

Methyl Iodide

Concen: 45.211 ug/l

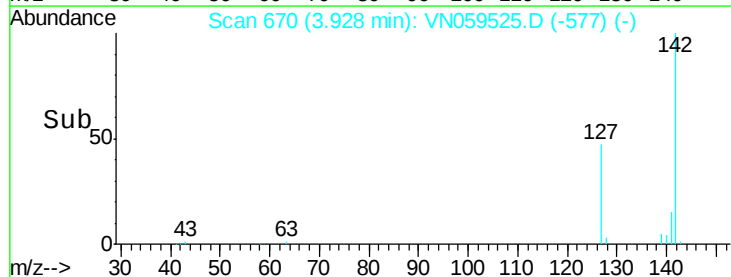
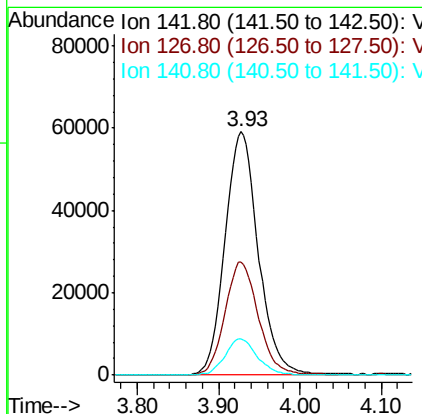
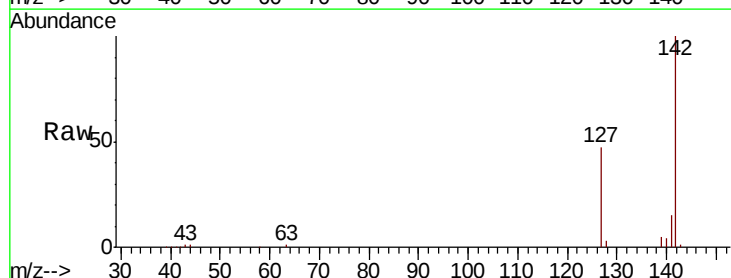
RT: 3.93 min Scan# 670

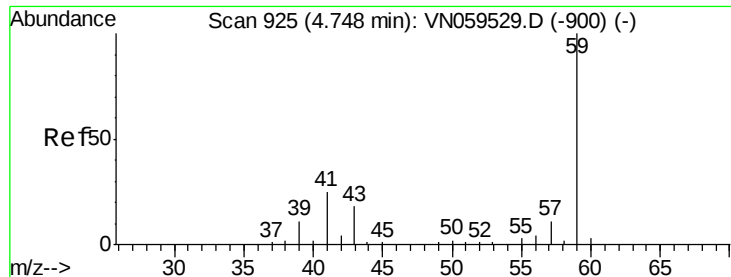
Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Tgt Ion:	142	Resp:	169458
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.6	54.8
141	14.5	11.6	17.4





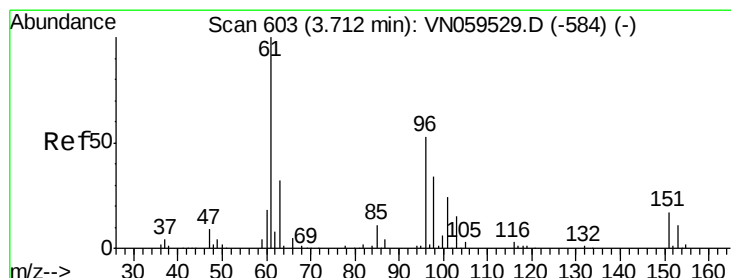
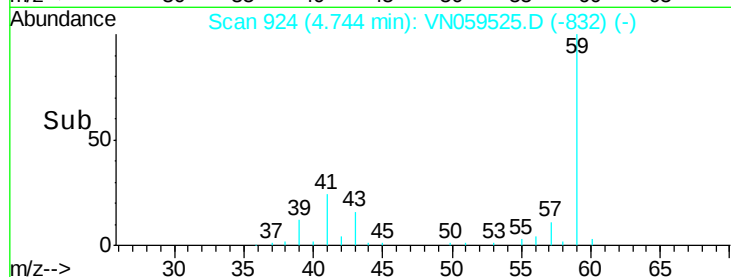
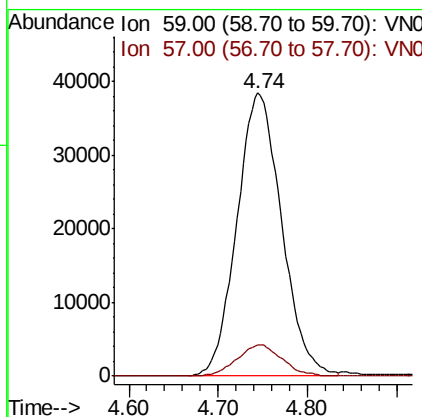
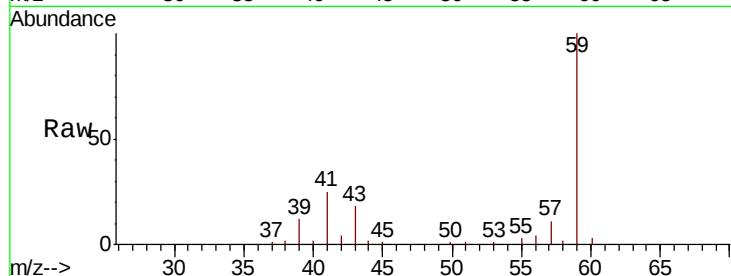
#11
Tert butyl alcohol
Concen: 223.772 ug/l
RT: 4.74 min Scan# 924
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 133770
Ion Ratio Lower Upper
59 100
57 11.1 8.6 13.0

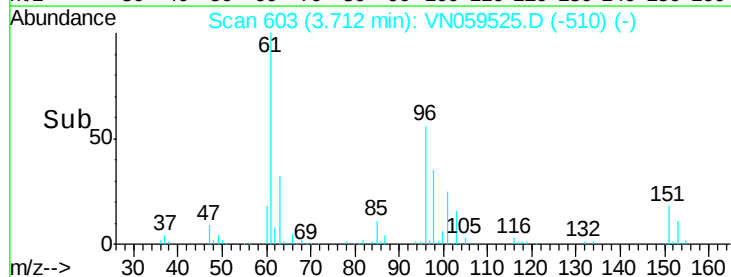
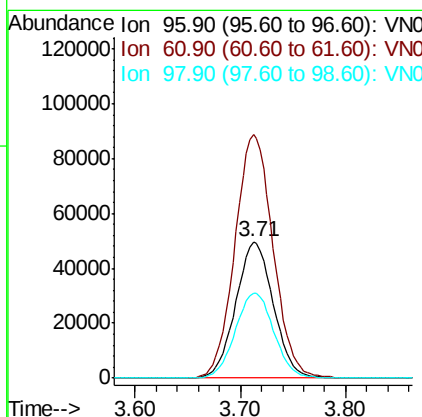
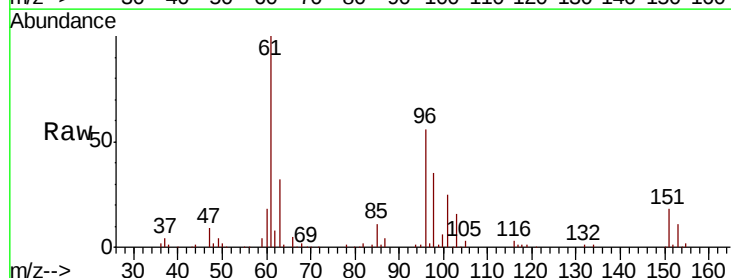
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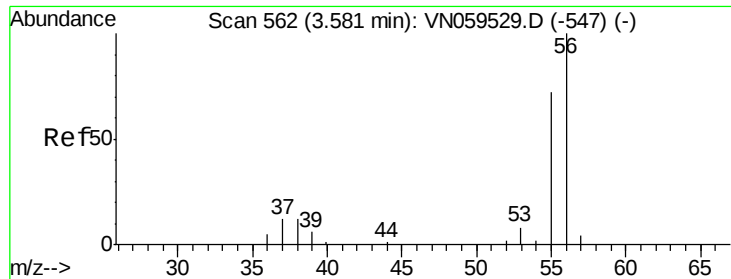
apatel
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#12
1,1-Dichloroethene
Concen: 45.688 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion: 96 Resp: 122945
Ion Ratio Lower Upper
96 100
61 178.6 149.8 224.6
98 62.4 50.6 75.8





#13

Acrolein

Concen: 113.755 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 33092

Ion Ratio Lower Upper

56 100

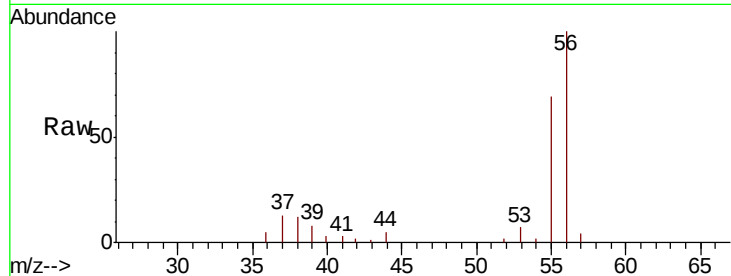
55 69.0 56.9 85.3

Manual Integrations

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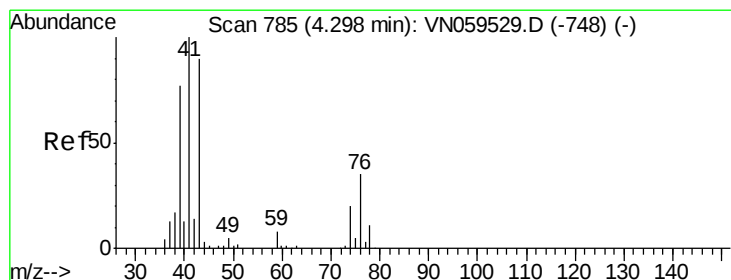
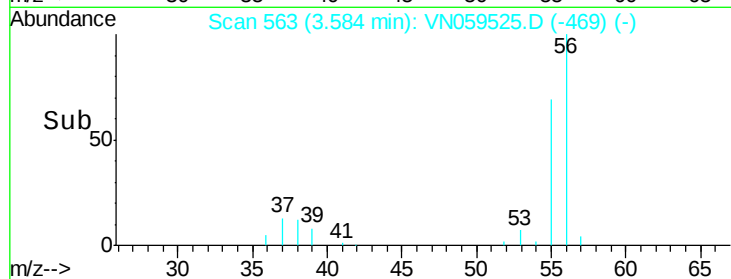
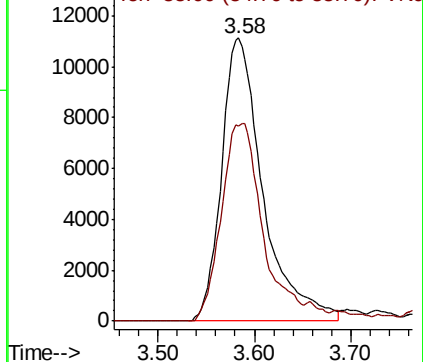
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.400 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

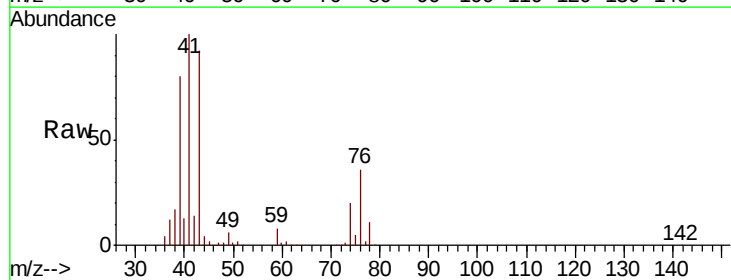
Tgt Ion: 41 Resp: 250542

Ion Ratio Lower Upper

41 100

39 72.4 56.7 85.1

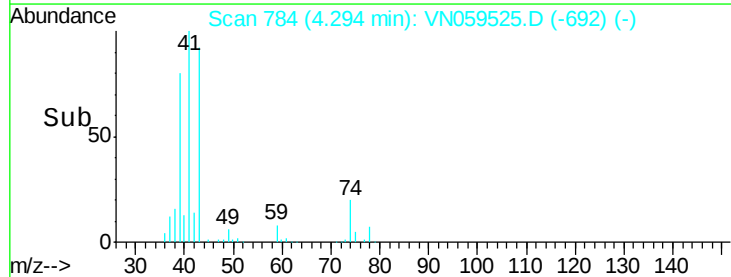
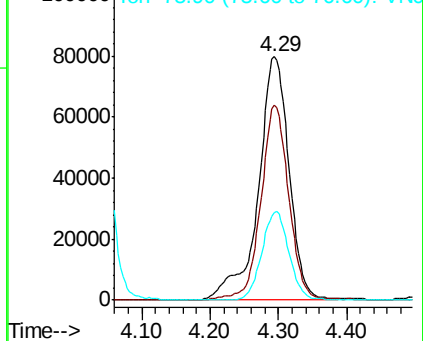
76 32.0 25.5 38.3

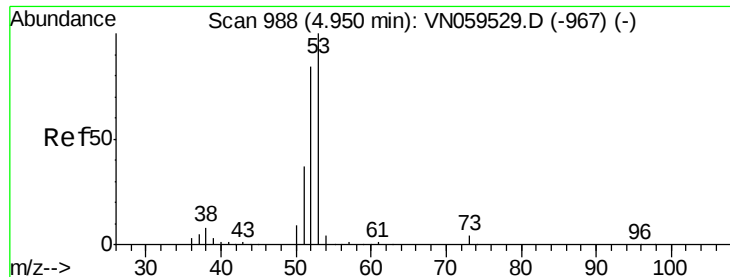


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 252.045 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

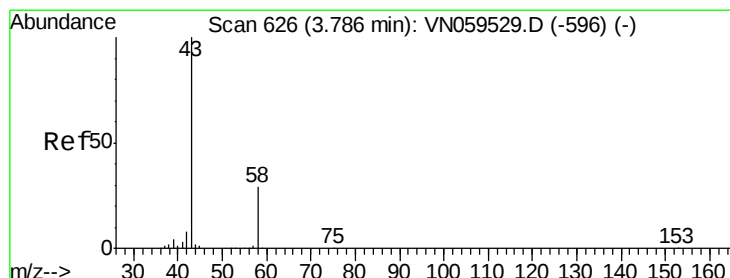
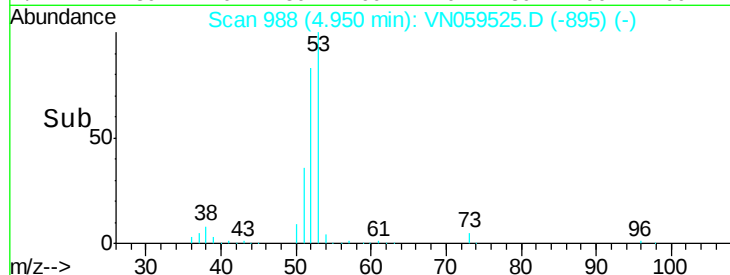
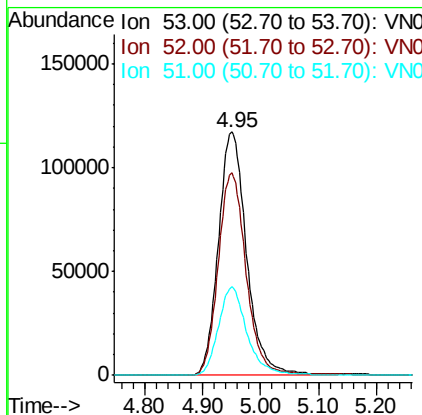
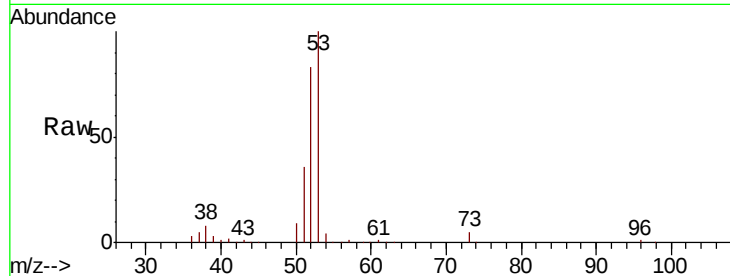
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	397390
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.6	99.8
51	36.6	29.8	44.8

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#16

Acetone

Concen: 220.970 ug/l

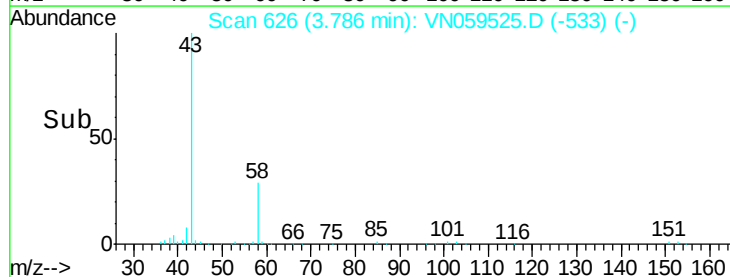
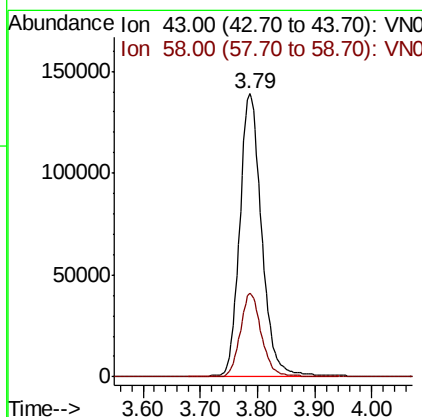
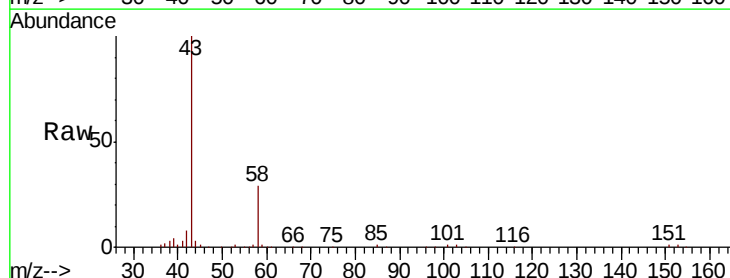
RT: 3.79 min Scan# 626

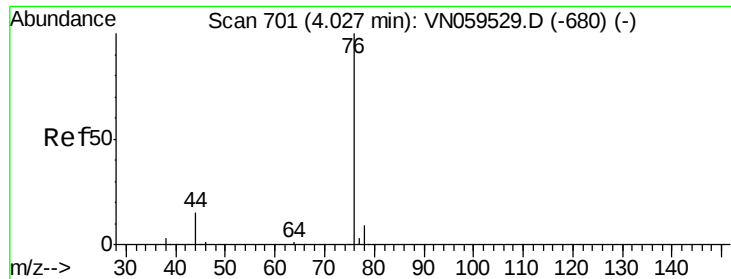
Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Tgt Ion:	43	Resp:	372995
Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.0	34.4





#17

Carbon Disulfide

Concen: 46.585 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 397809

Ion Ratio Lower Upper

76 100

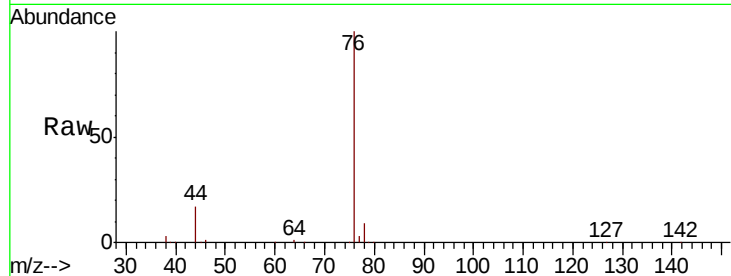
78 8.9 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

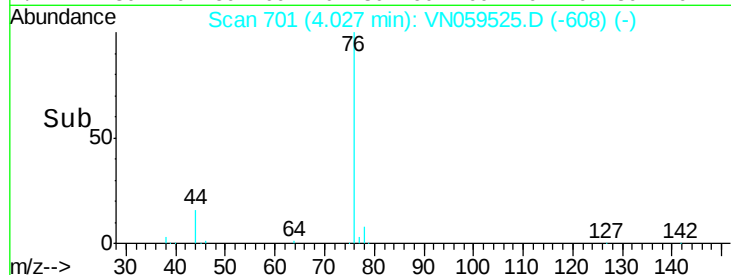
150000

100000

50000

0

Time-->



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

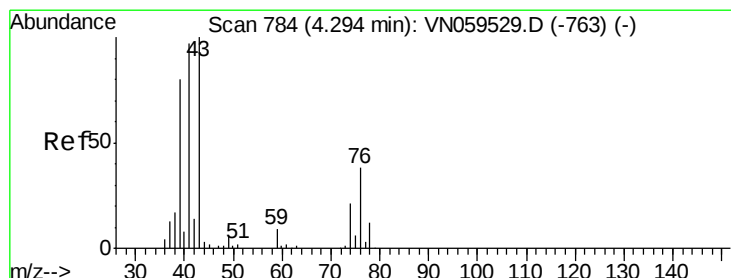
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.905 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN059525.D

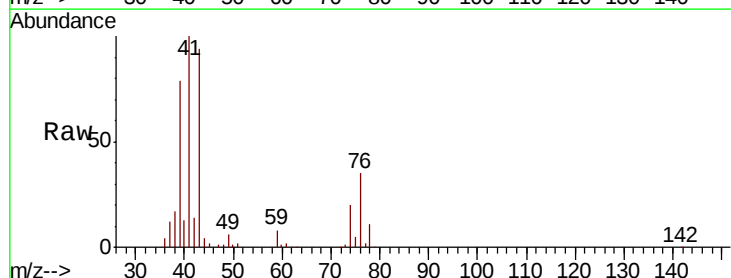
Acq: 9 Dec 2019 14:07

Tgt Ion: 43 Resp: 212304

Ion Ratio Lower Upper

43 100

74 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

80000

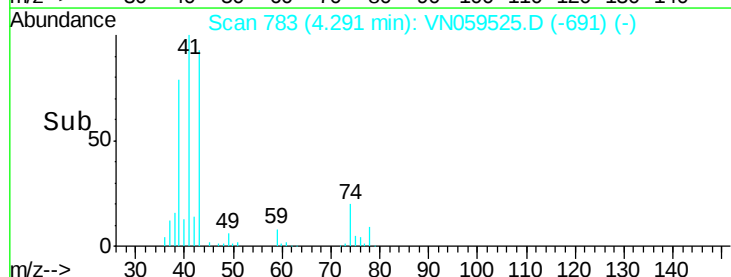
60000

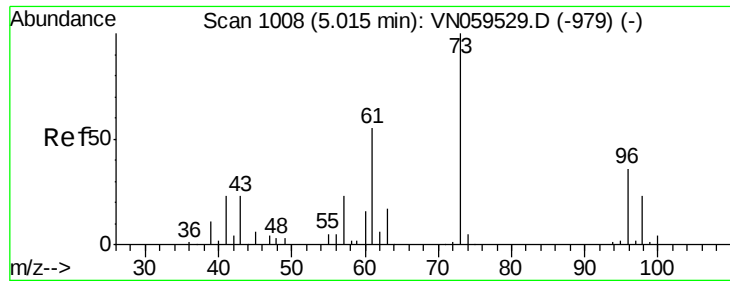
40000

20000

0

Time-->





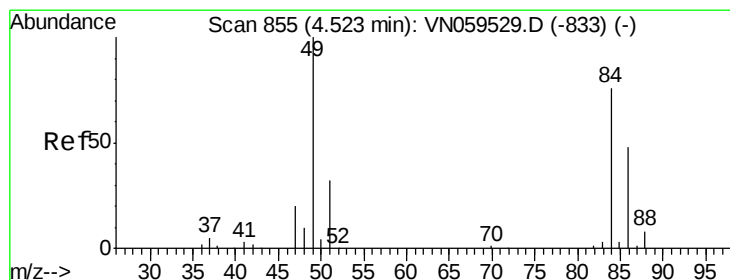
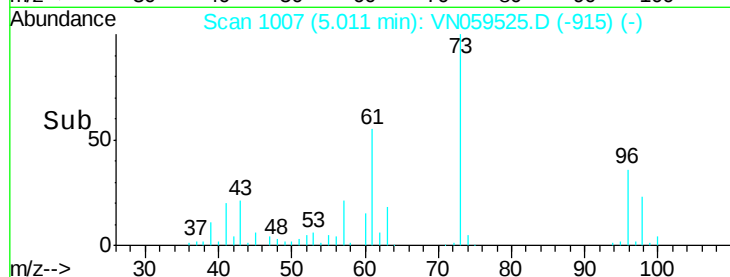
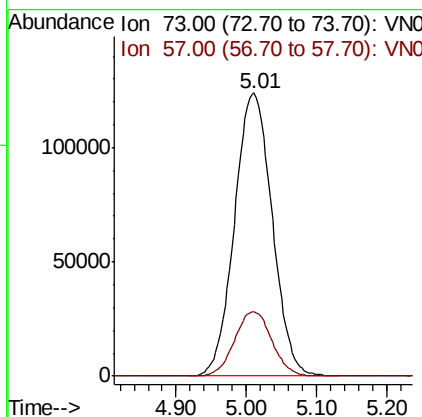
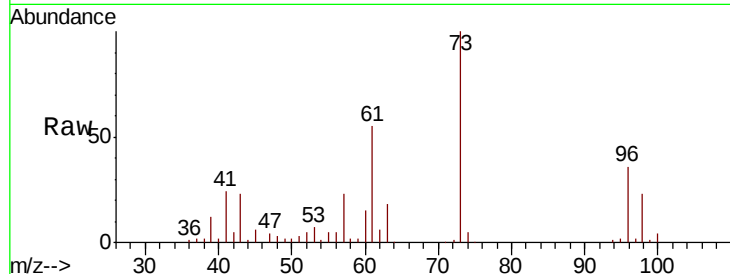
#19
Methvl tert-butvl Ether
Concen: 51.660 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 462098
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5

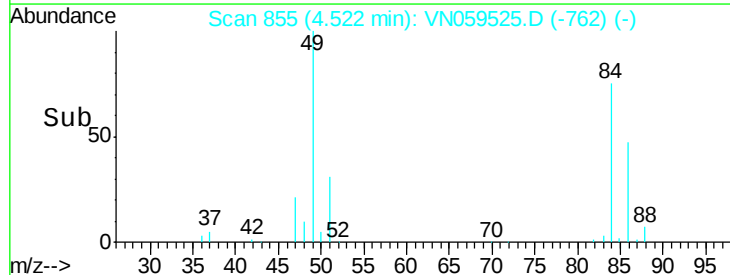
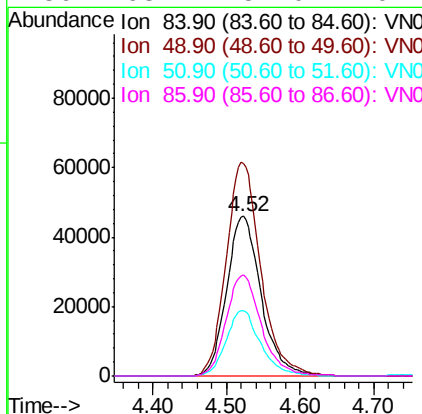
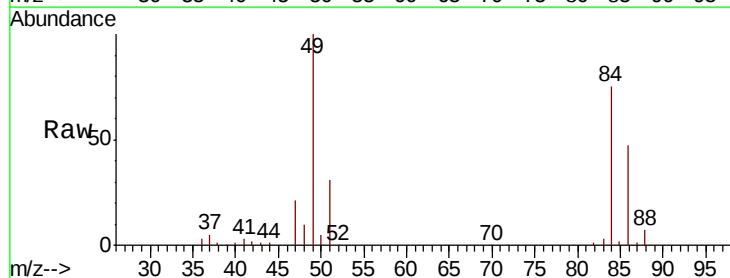
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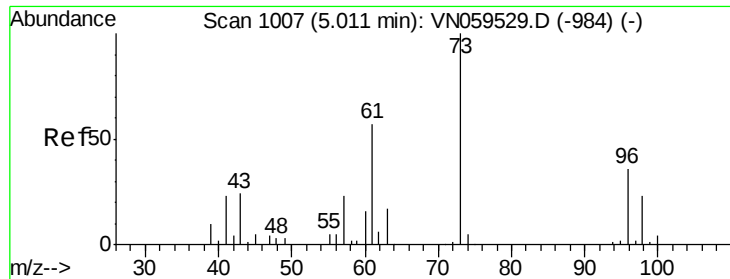
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#20
Methylene Chloride
Concen: 49.164 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion: 84 Resp: 149564
Ion Ratio Lower Upper
84 100
49 133.5 105.8 158.8
51 41.3 33.7 50.5
86 63.1 51.0 76.4





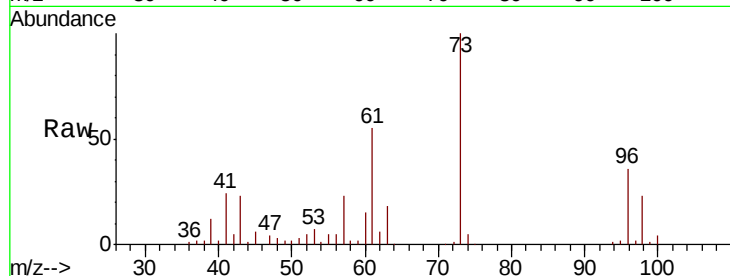
#21
trans-1,2-Dichloroethene
Concen: 49.527 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

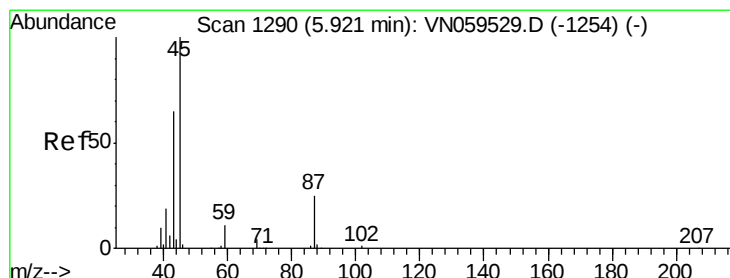
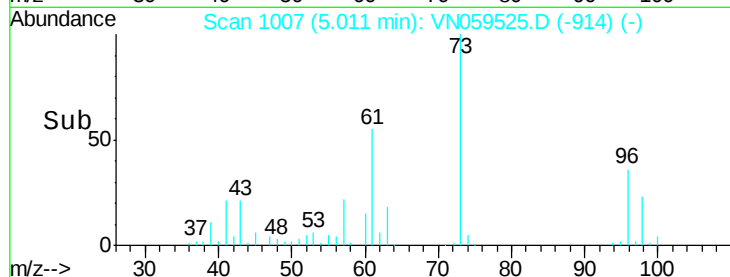
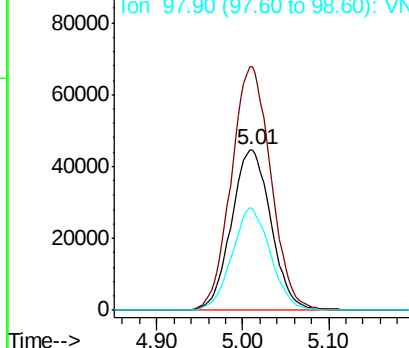
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.2	124.8	187.2
98	62.7	51.0	76.4

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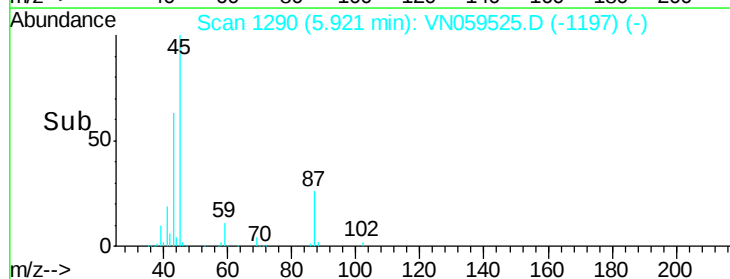
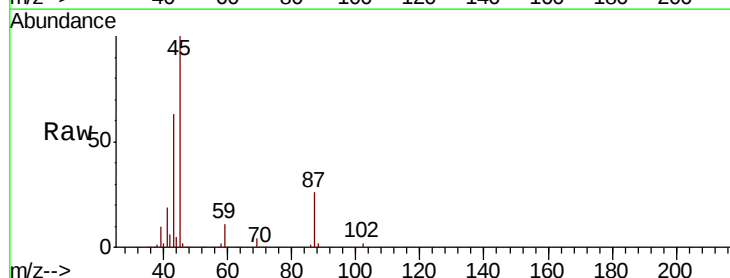
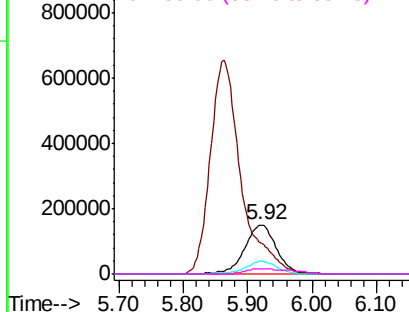
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

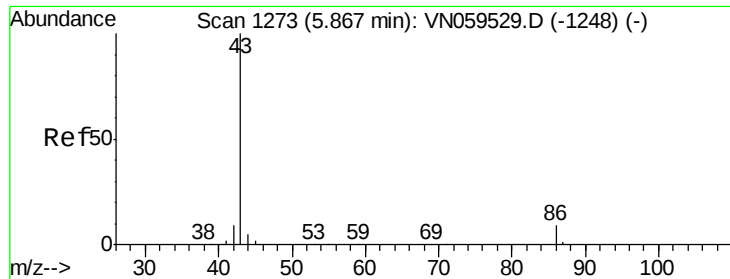


#22
Diisopropyl ether
Concen: 51.673 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.9	52.8	79.2
87	25.7	20.2	30.4
59	10.9	9.1	13.7

Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





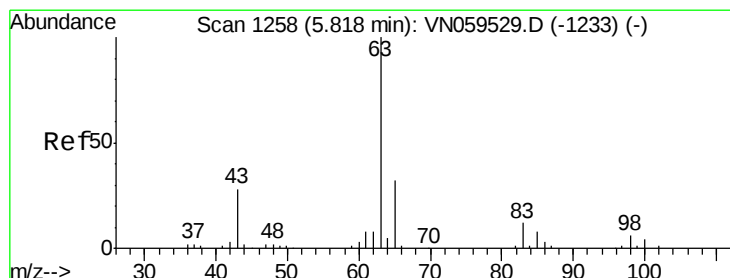
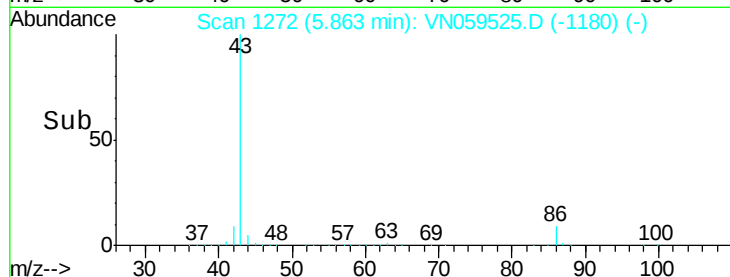
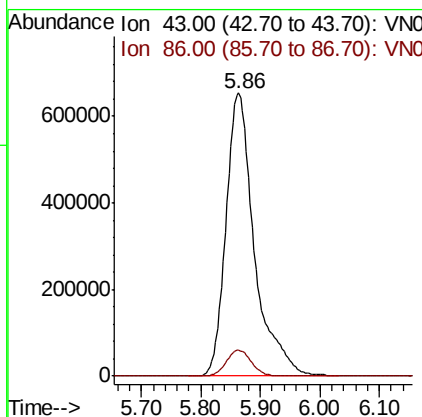
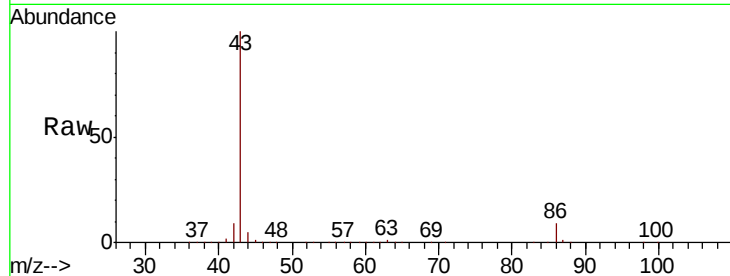
#23
 Vinyl Acetate
 Concen: 264.141 ug/l
 RT: 5.86 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2171320
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.4 11.2

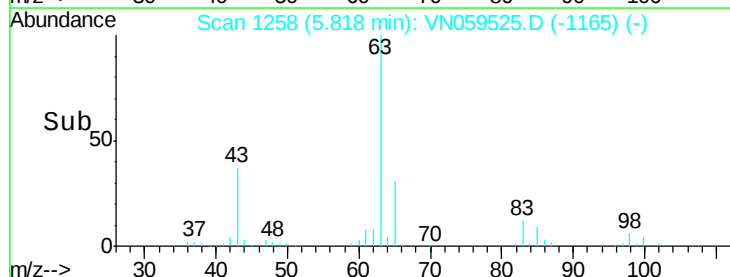
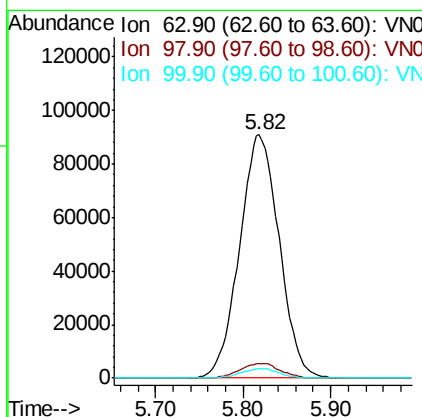
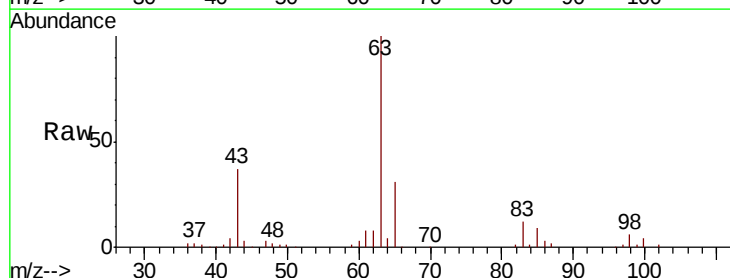
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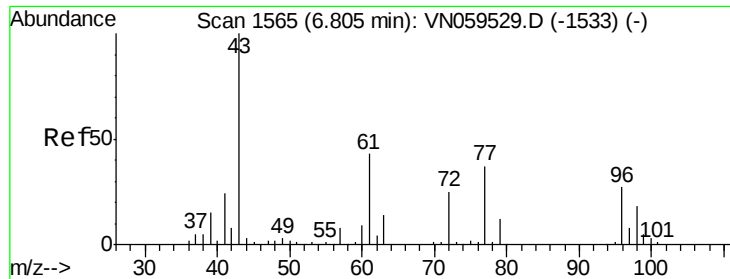
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#24
 1,1-Dichloroethane
 Concen: 51.064 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Tgt Ion: 63 Resp: 285701
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.0
 100 3.7 1.8 5.3





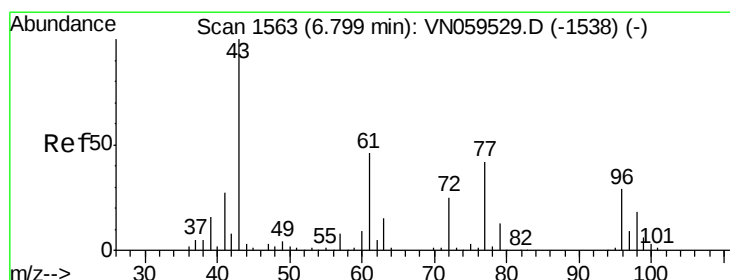
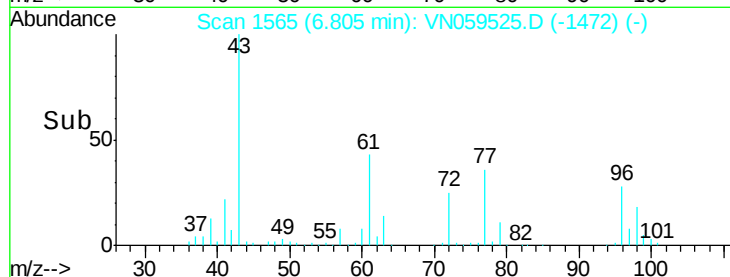
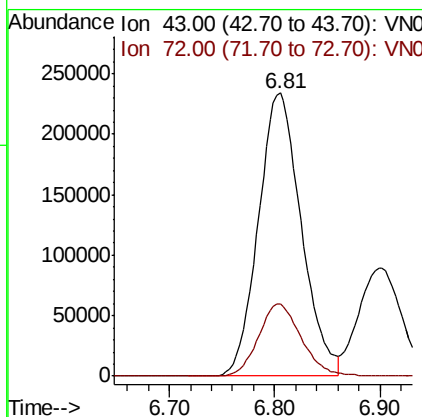
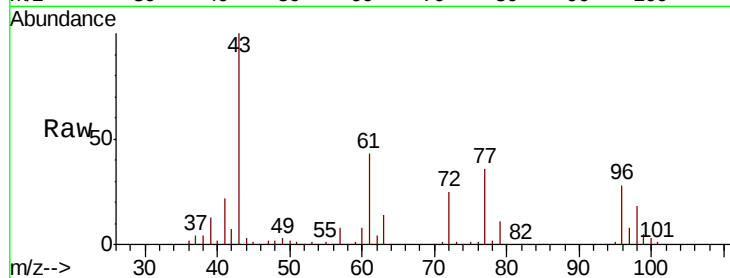
#25
2-Butanone
Concen: 290.326 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 659648
Ion Ratio Lower Upper
43 100
72 25.3 19.9 29.9

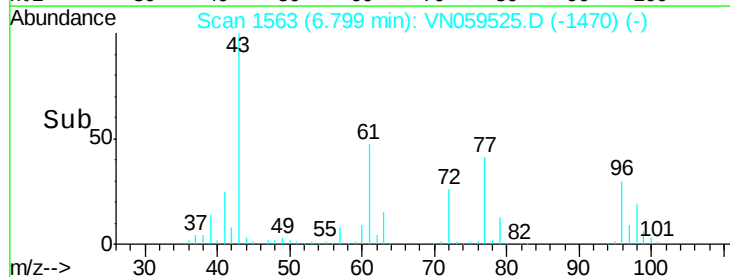
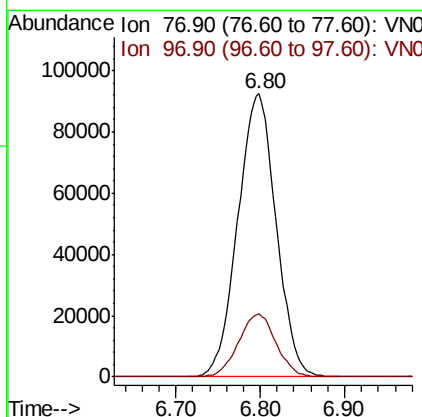
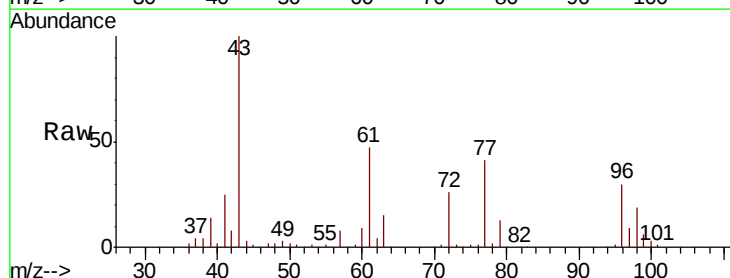
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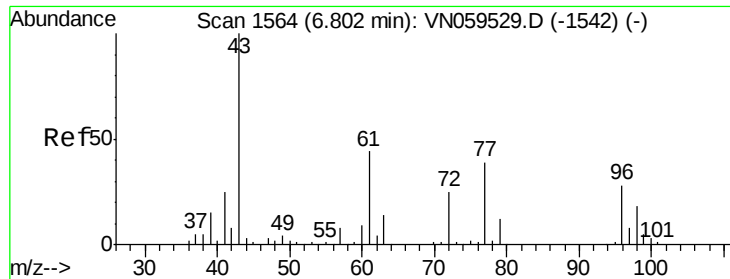
apatel
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#26
2,2-Dichloropropane
Concen: 57.539 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion: 77 Resp: 290837
Ion Ratio Lower Upper
77 100
97 21.8 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 58.866 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

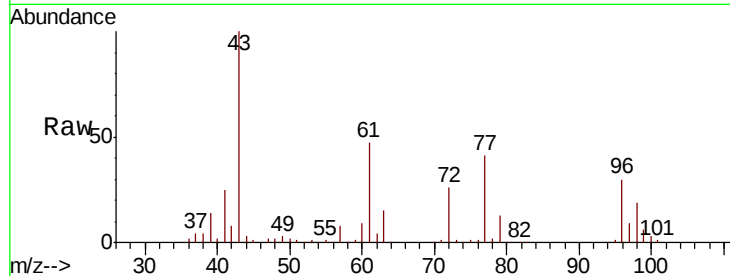
ClientSampleId :

VSTDCCC050

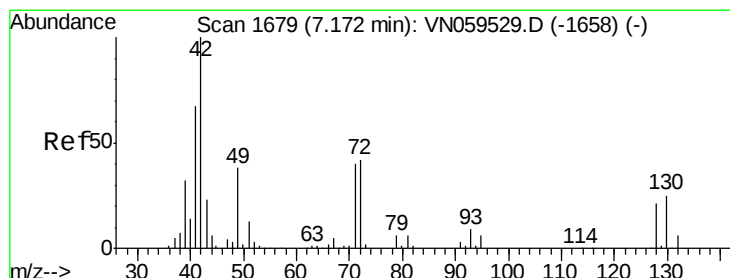
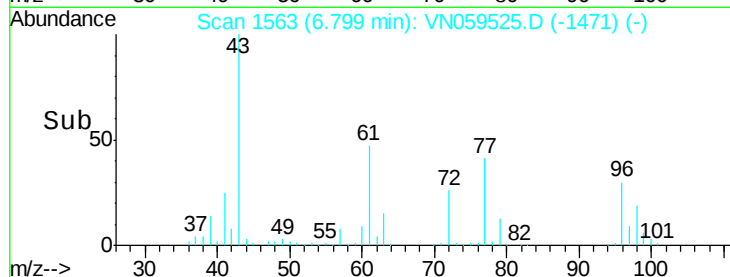
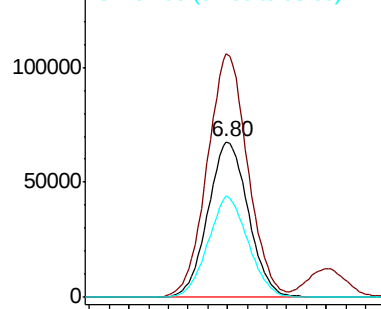
Tot Ion:	96	Resp:	191229
Ion	Ratio	Lower	Upper
96	100		
61	157.6	0.0	320.0
98	64.7	0.0	128.6

Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VN059525.D (-1471) (-)



#28

Bromochloromethane

Concen: 54.792 ug/l

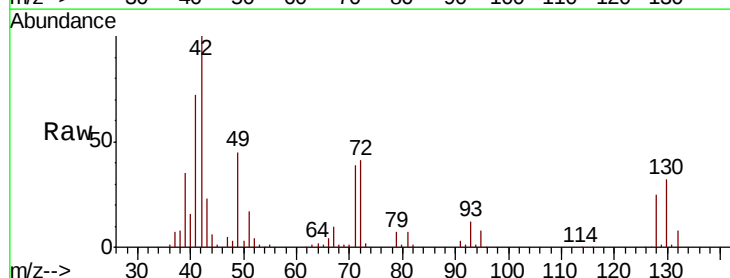
RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

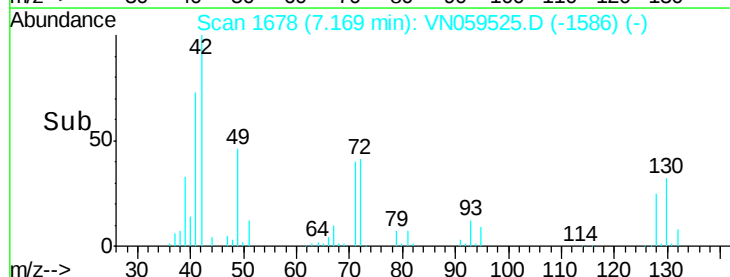
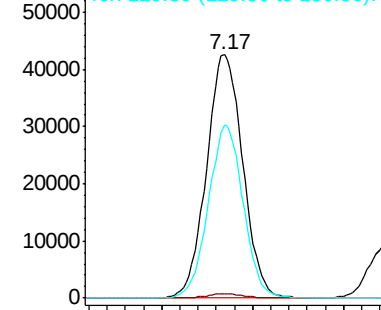
Lab File: VN059525.D

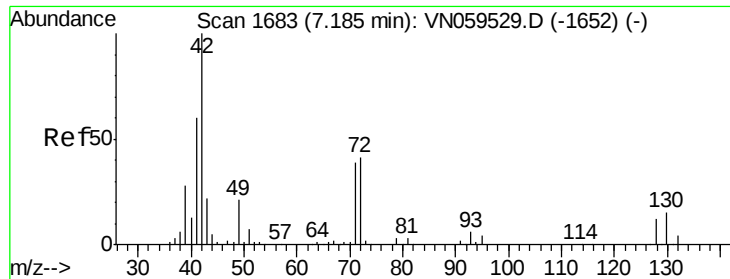
Acq: 9 Dec 2019 14:07

Tgt Ion:	49	Resp:	117718
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.0
130	68.4	54.2	81.2



Abundance Ion 48.90 (48.60 to 49.60): VN059525.D (-1586) (-)





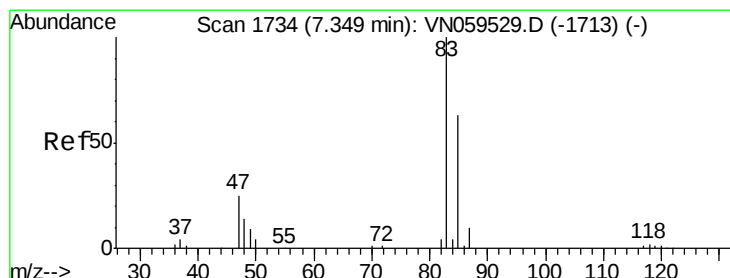
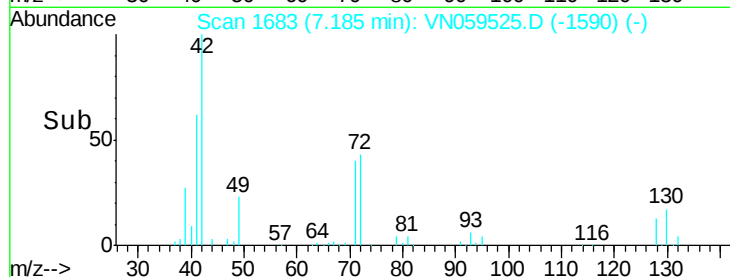
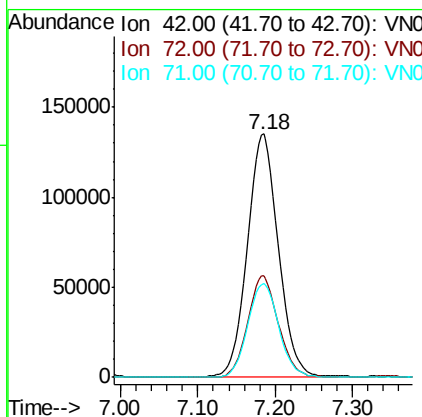
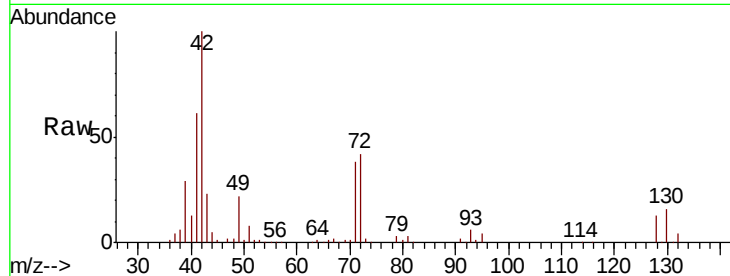
#29
Tetrahydrofuran
Concen: 239.150 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	32.7	49.1
71	38.9	31.4	47.2

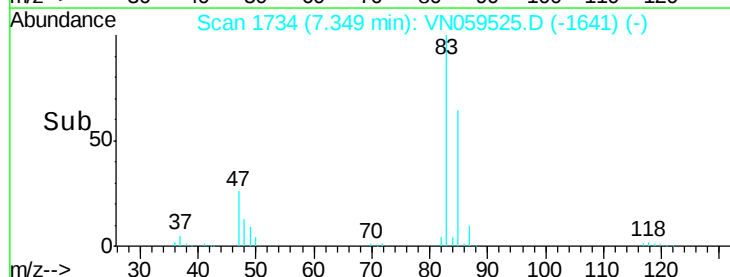
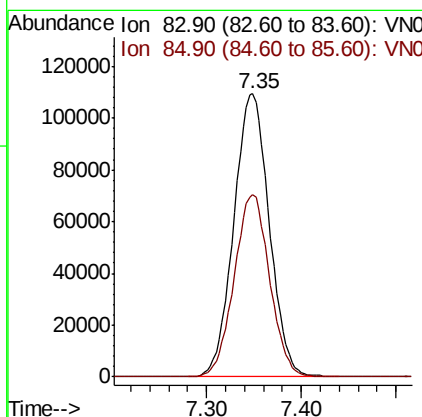
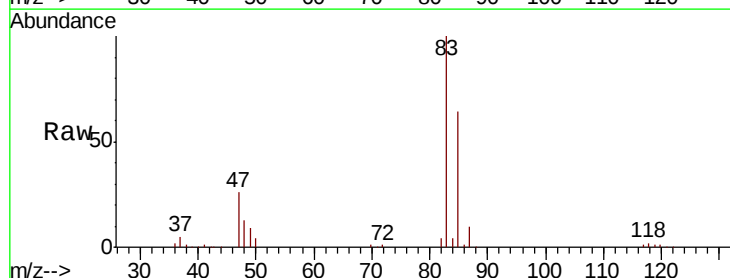
Manual Integrations
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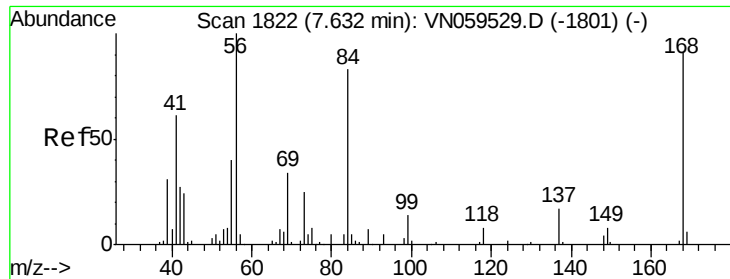
apatel
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#30
Chloroform
Concen: 51.563 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.6	75.8





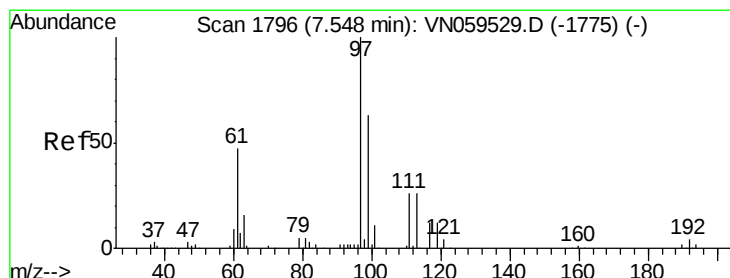
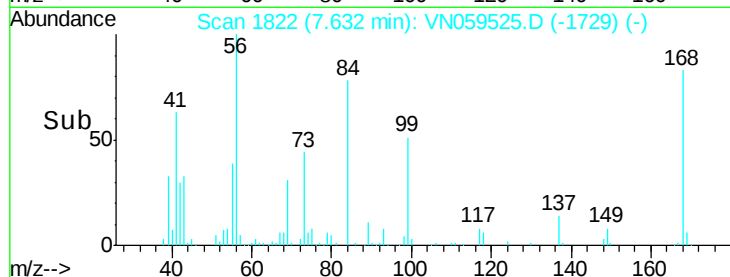
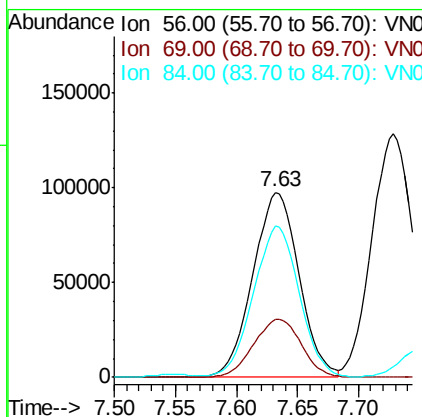
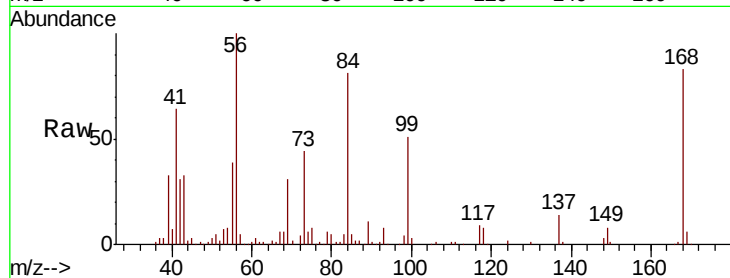
#31
Cyclohexane
Concen: 47.227 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	26.9	40.3
84	80.3	66.5	99.7

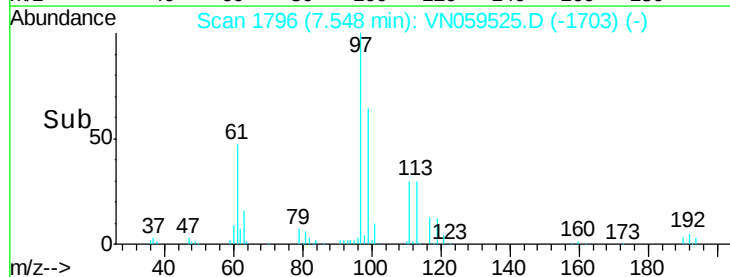
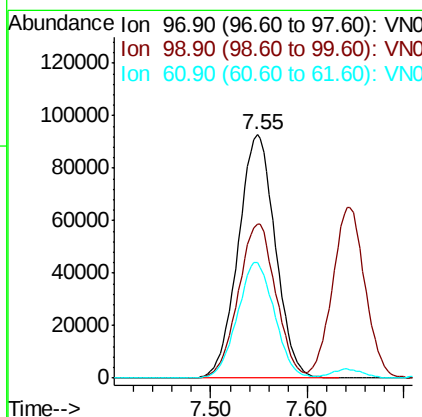
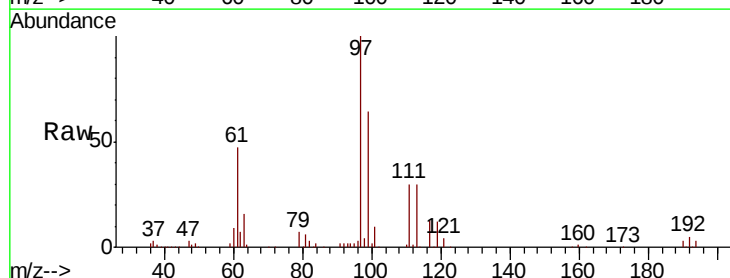
Manual Integrations
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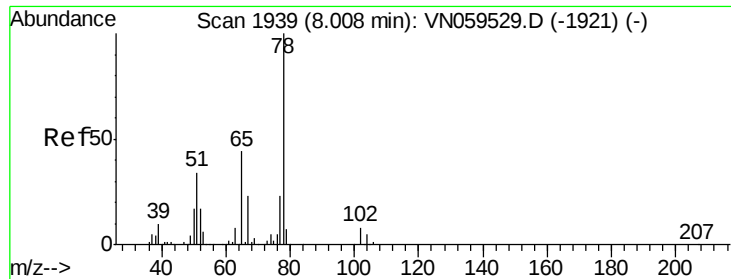
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#32
1,1,1-Trichloroethane
Concen: 50.572 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.2
61	47.5	38.5	57.7





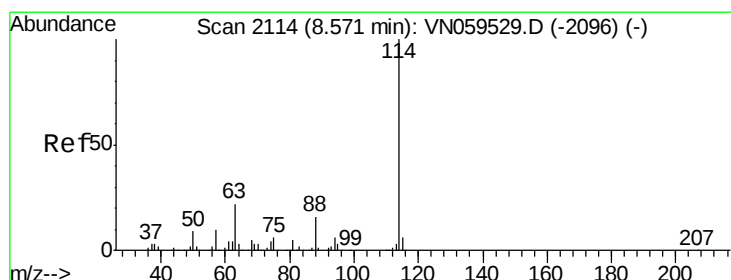
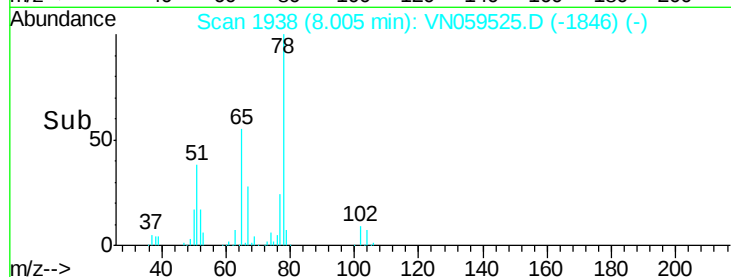
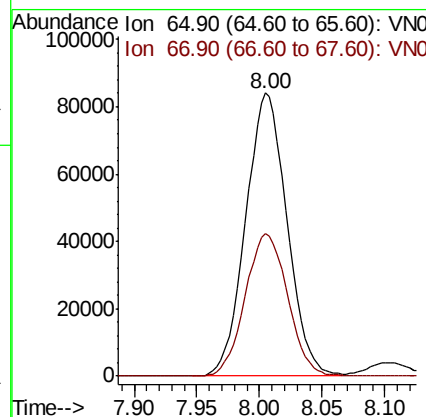
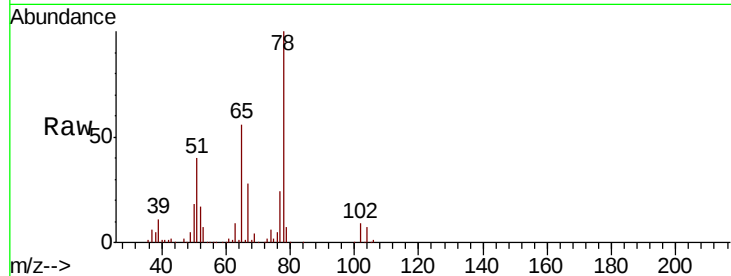
#33
 1,2-Dichloroethane-d4
 Concen: 53.357 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192801		
67	51.9	0.0	103.6	

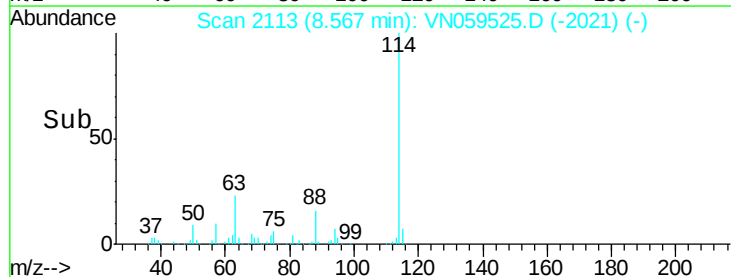
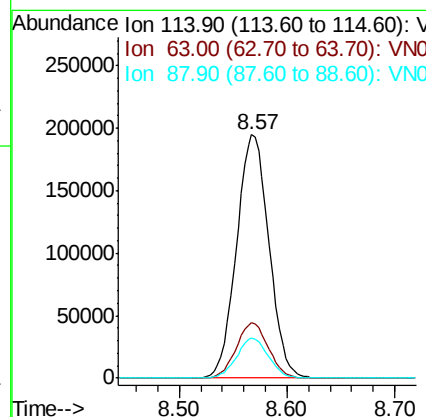
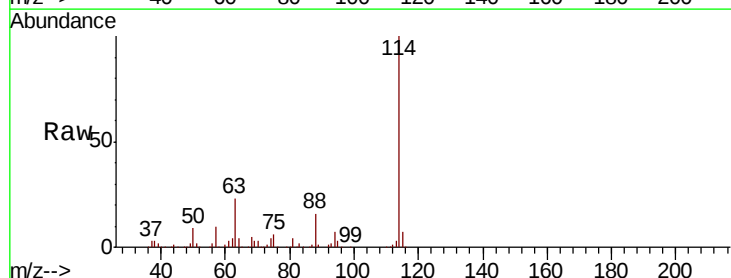
Manual Integrations
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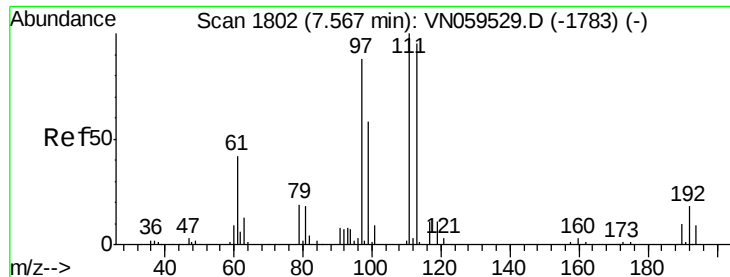
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	407265		
63	22.7	0.0	45.0	
88	16.4	0.0	32.2	





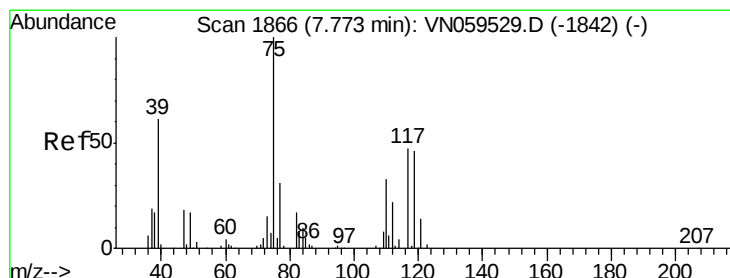
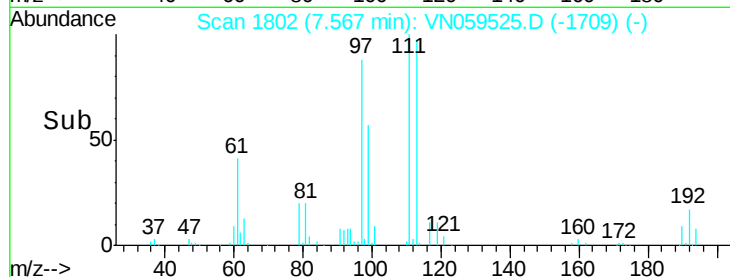
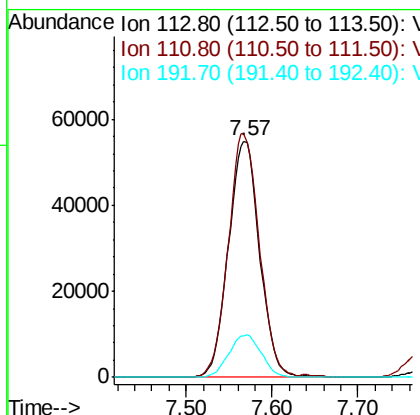
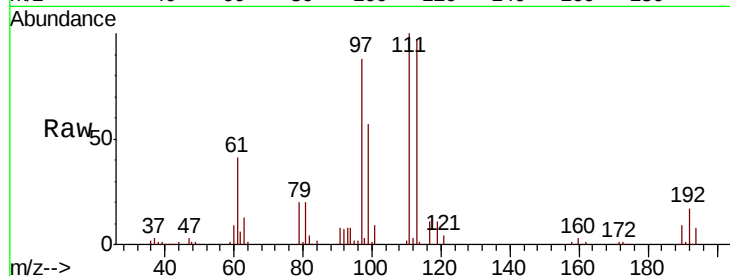
#35
Dibromofluoromethane
Concen: 56.890 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.7	82.2	123.4	
192	18.6	14.8	22.2	

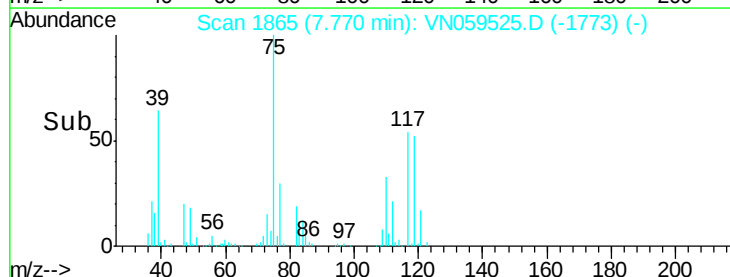
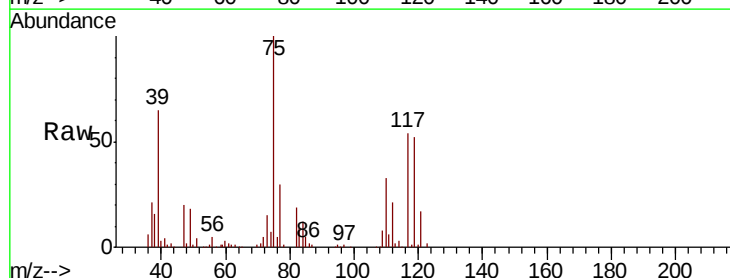
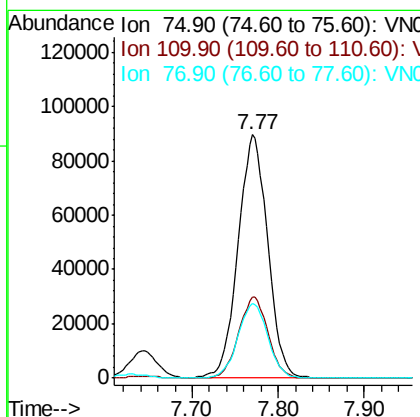
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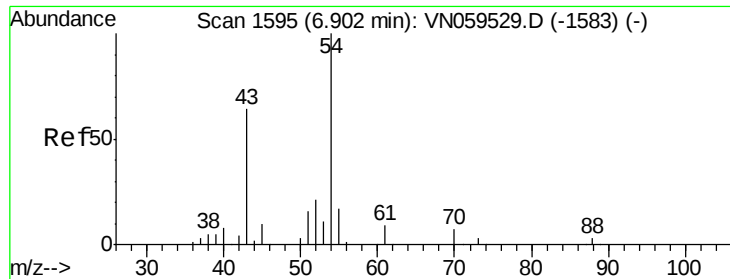
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#36
1,1-Dichloropropene
Concen: 51.407 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.0	16.7	50.0	
77	31.0	24.6	37.0	





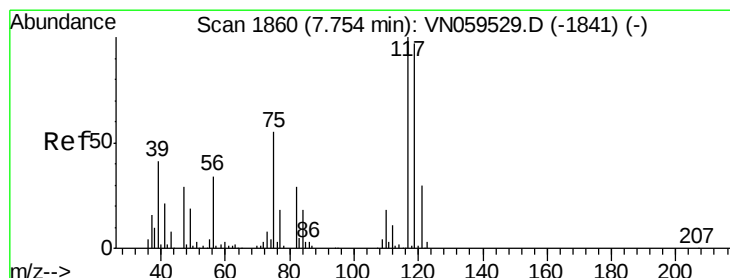
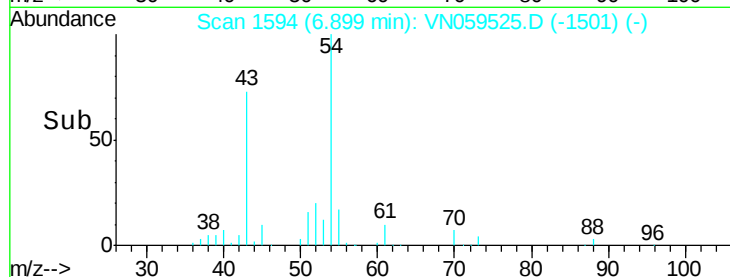
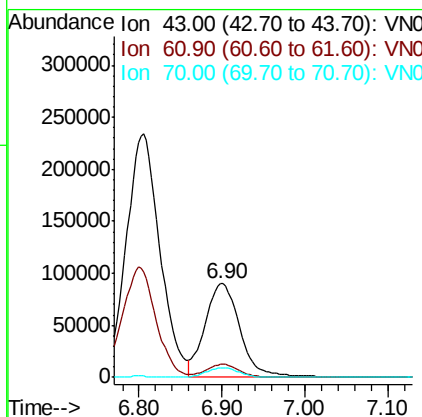
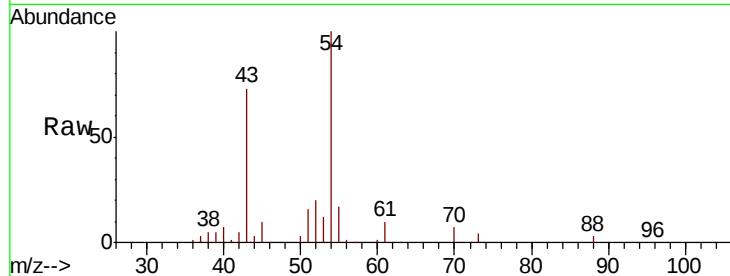
#37
Ethyl Acetate
Concen: 53.470 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	61	70
Resp	261068		
Ratio	100	13.2	9.8
Lower		11.0	7.7
Upper		16.6	11.5

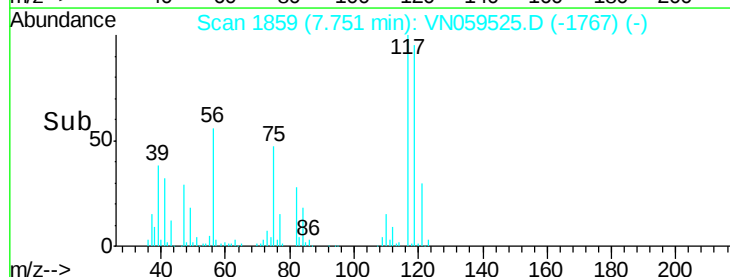
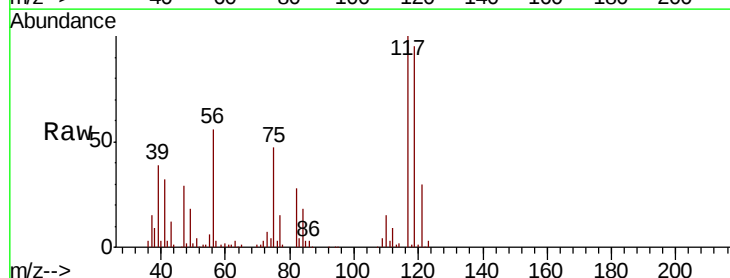
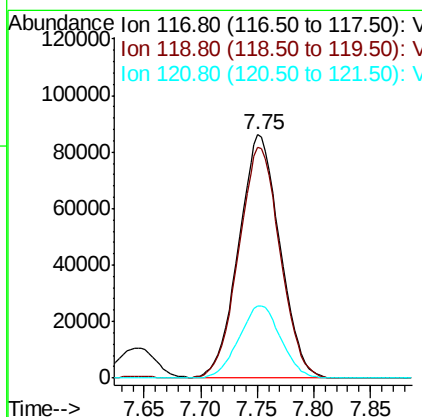
Manual Integrations
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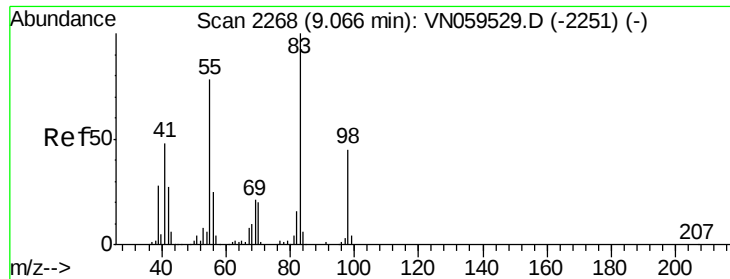
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#38
Carbon Tetrachloride
Concen: 52.882 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	117	119	121
Resp	217796		
Ratio	100	94.5	29.6
Lower		77.0	24.1
Upper		115.4	36.1





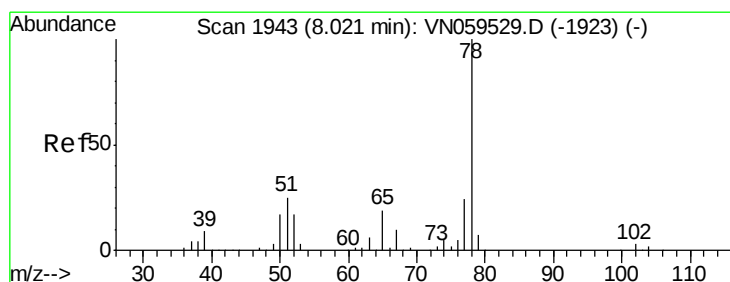
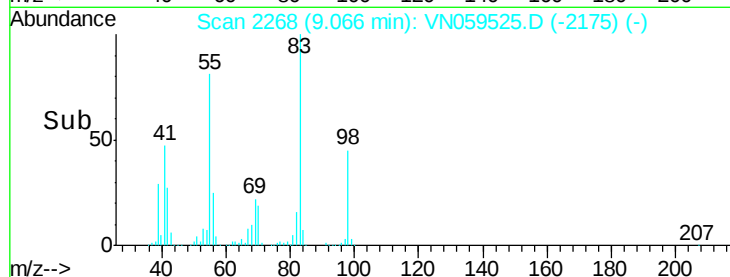
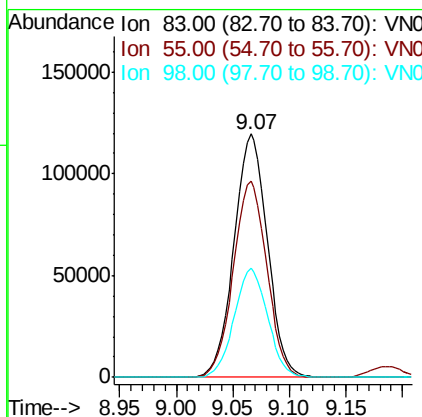
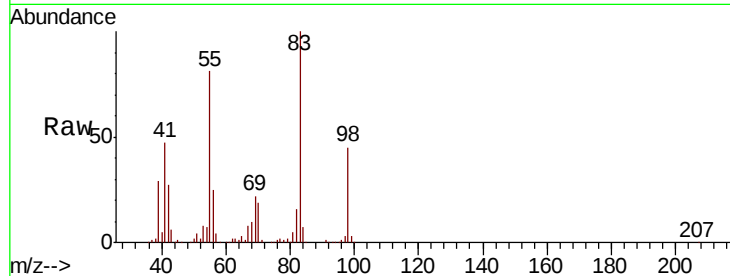
#39
Methvlcvclohexane
Concen: 52.494 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.6	62.7	94.1
98	44.9	35.7	53.5

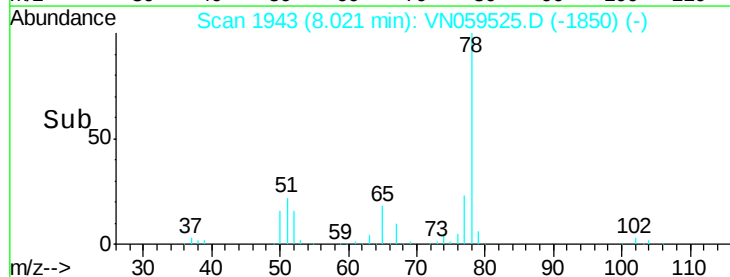
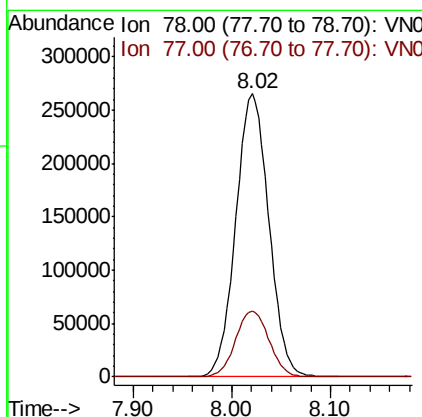
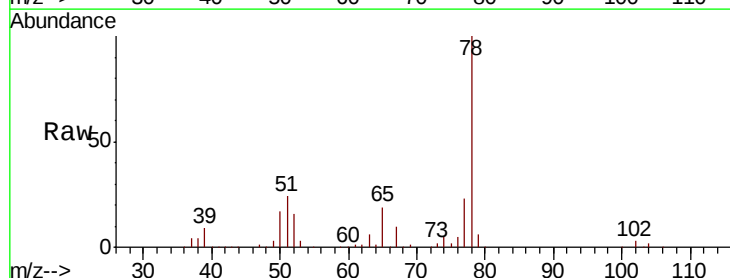
Manual Integrations
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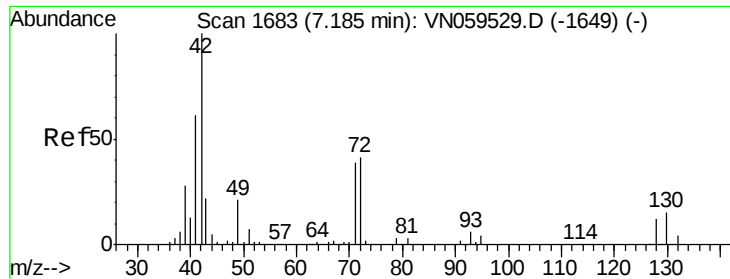
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#40
Benzene
Concen: 51.742 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2





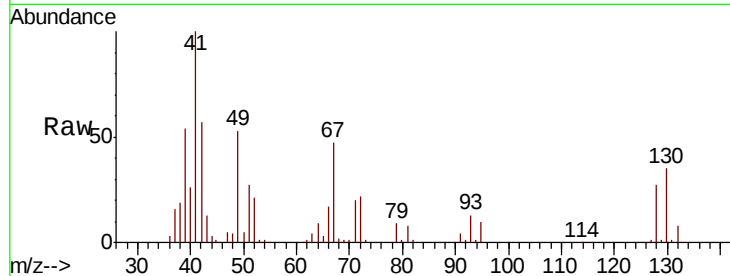
#41
Methacrylonitrile
Concen: 52.008 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

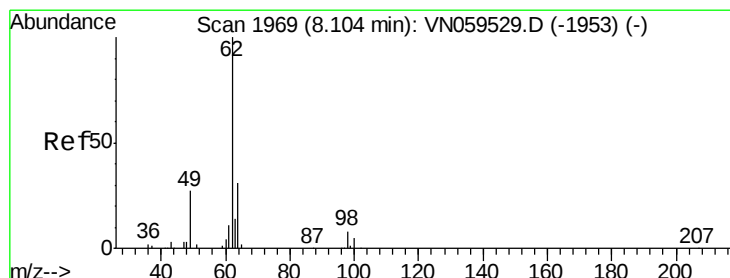
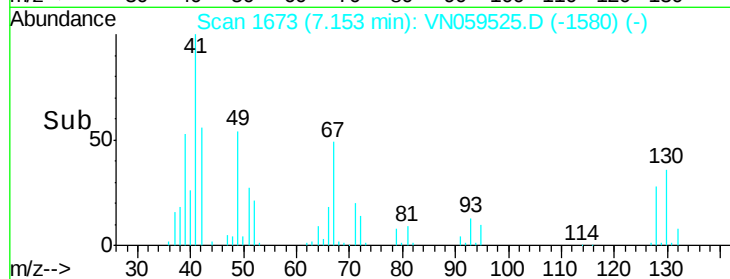
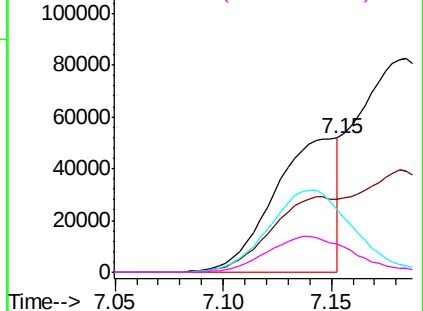
Tot Ion	41	Resp	105606
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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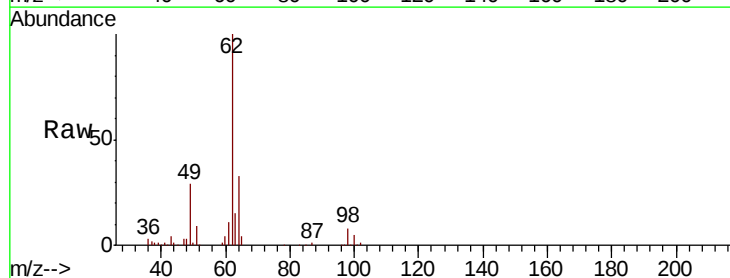


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

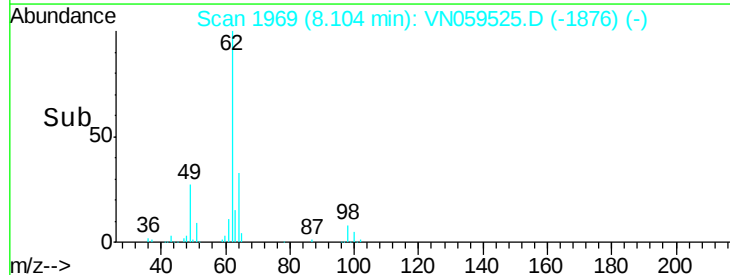
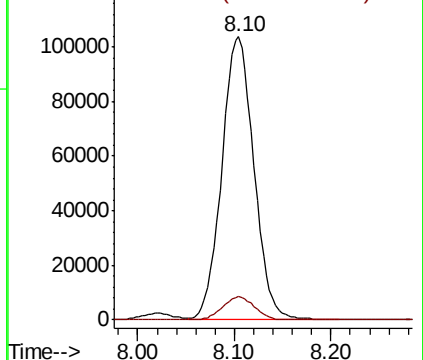


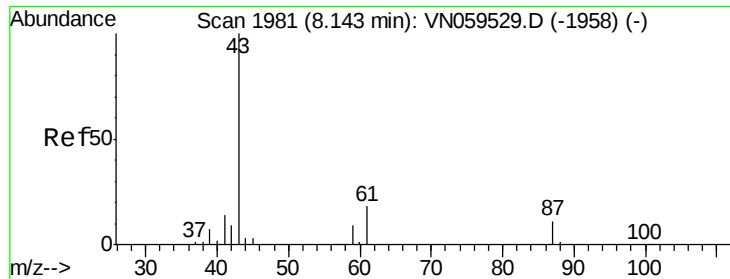
#42
1,2-Dichloroethane
Concen: 53.777 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	62	Resp	239165
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





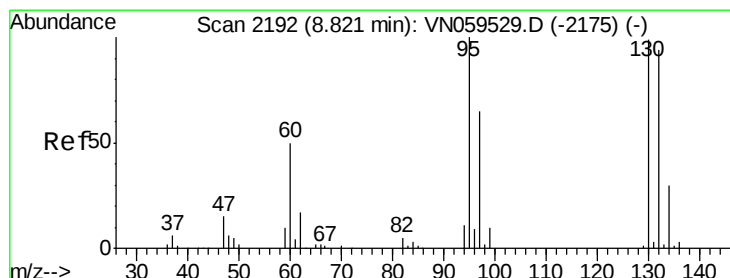
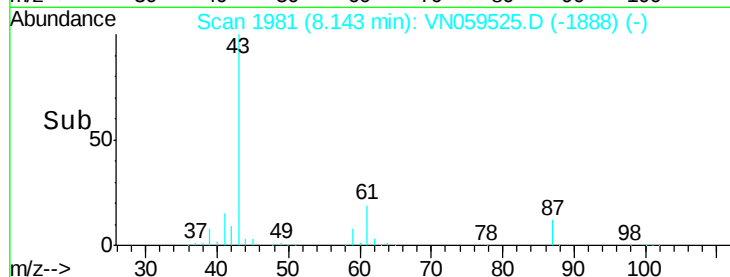
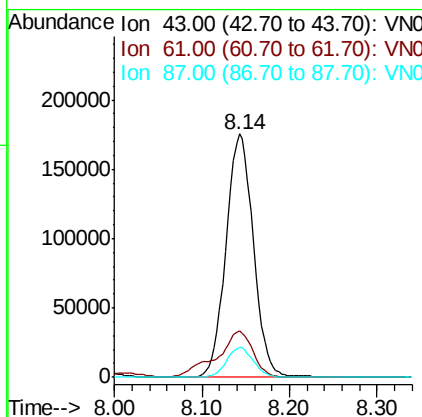
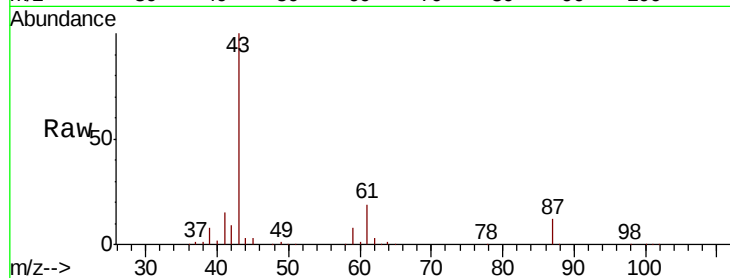
#43
Isopropyl Acetate
Concen: 52.796 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.3	19.8	29.6
87	12.1	9.4	14.2

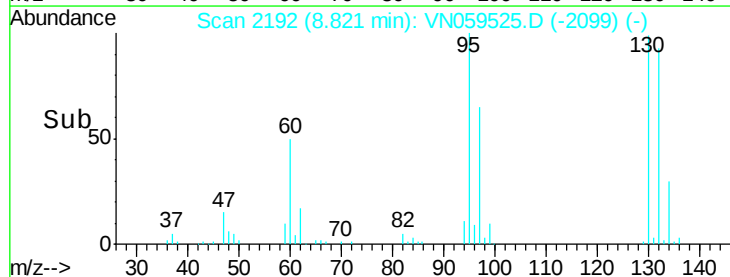
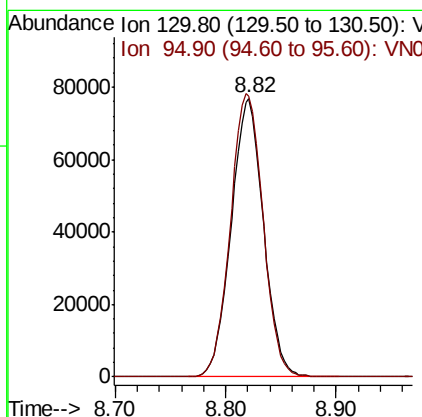
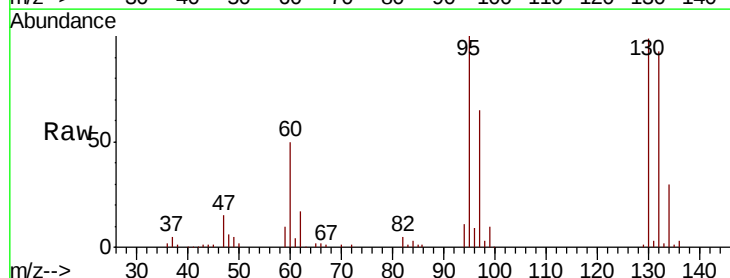
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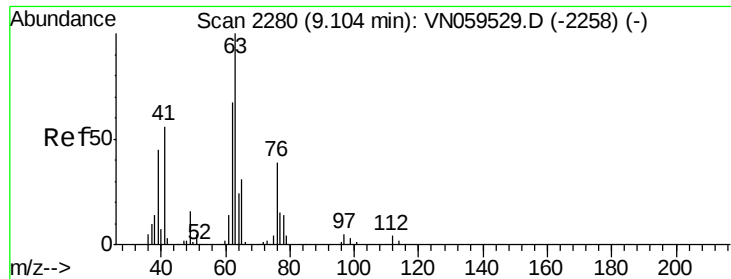
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#44
Trichloroethene
Concen: 51.643 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	202.0





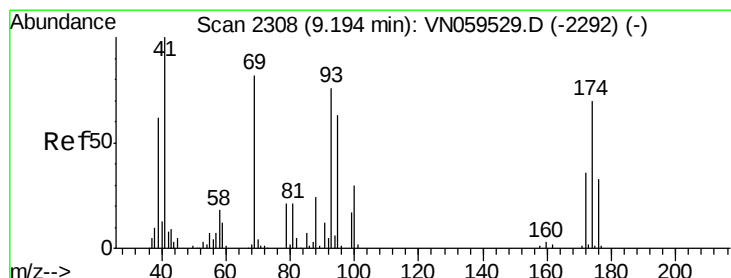
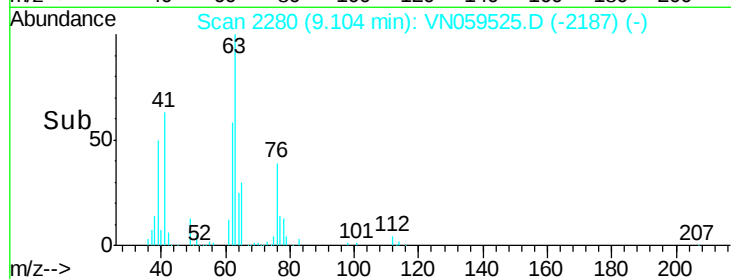
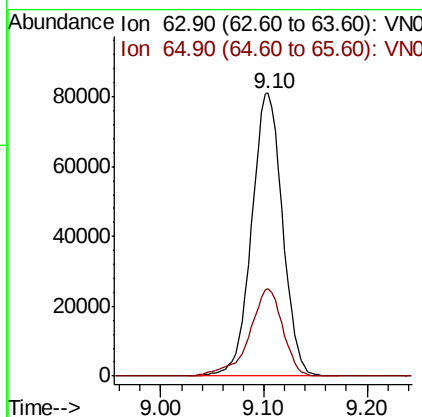
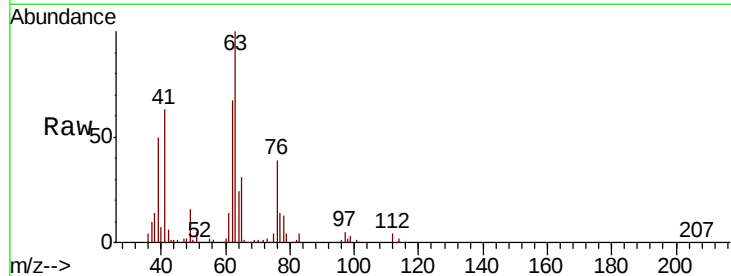
#45
 1,2-Dichloropropane
 Concen: 53.070 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 167812
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2

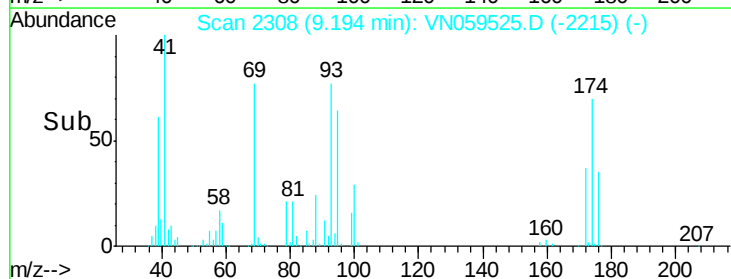
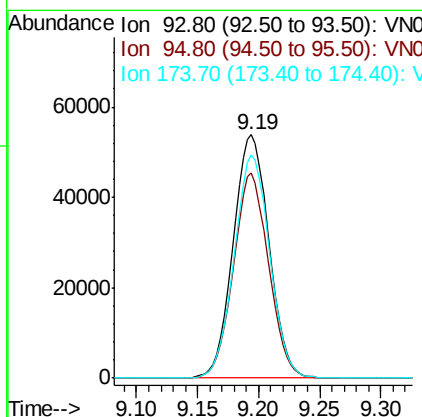
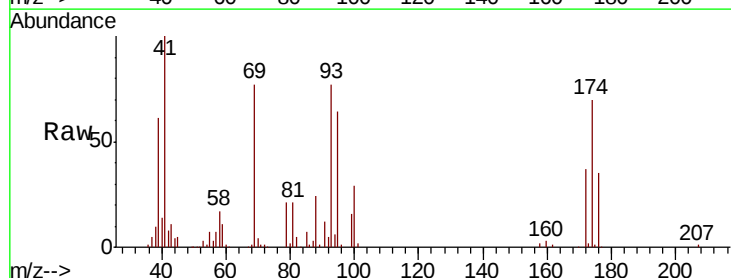
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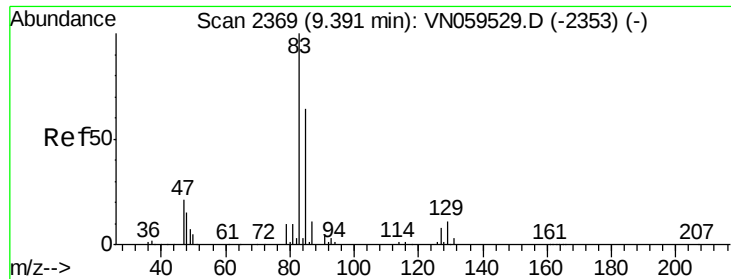
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#46
 Dibromomethane
 Concen: 52.294 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Tgt Ion: 93 Resp: 109281
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.0 100.6
 174 91.1 75.6 113.4





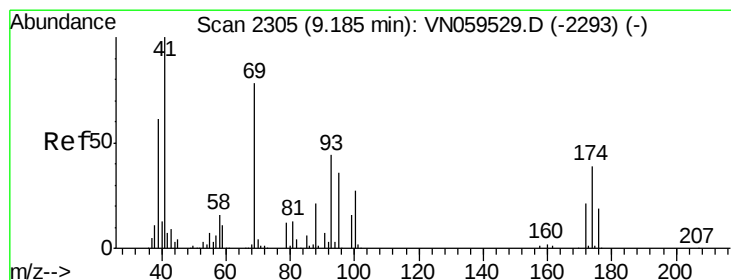
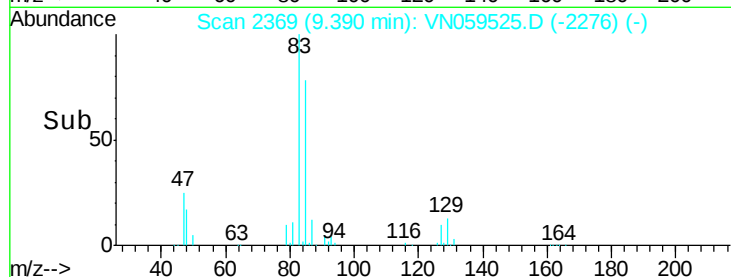
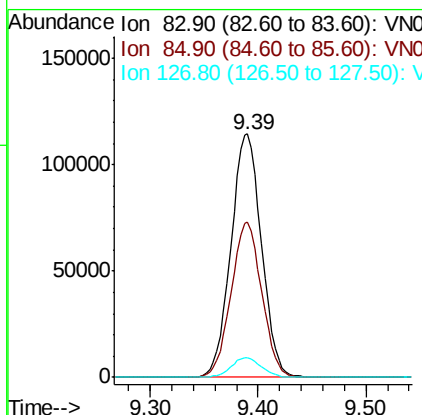
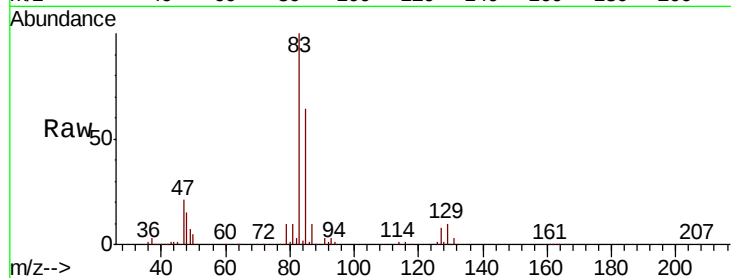
#47
Bromodichloromethane
Concen: 54.308 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	22554		
85	63.9		51.4	77.0
127	8.2		6.7	10.1

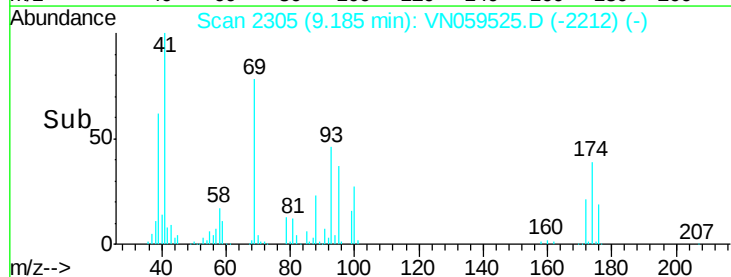
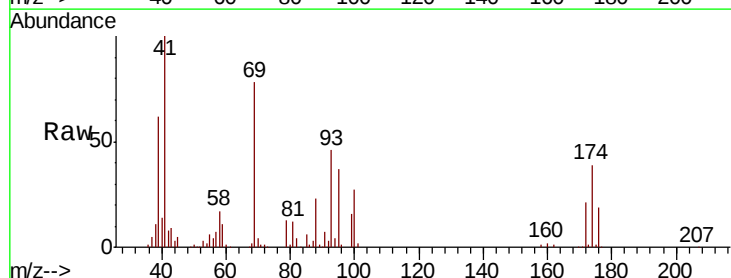
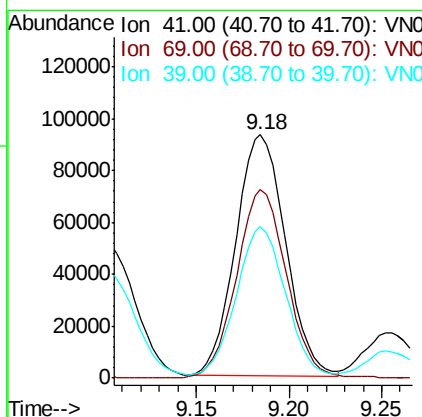
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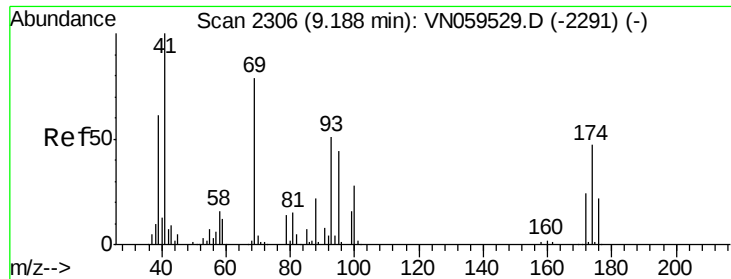
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#48
Methyl methacrylate
Concen: 54.895 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	173126		
69	78.8		64.0	96.0
39	62.5		50.0	75.0





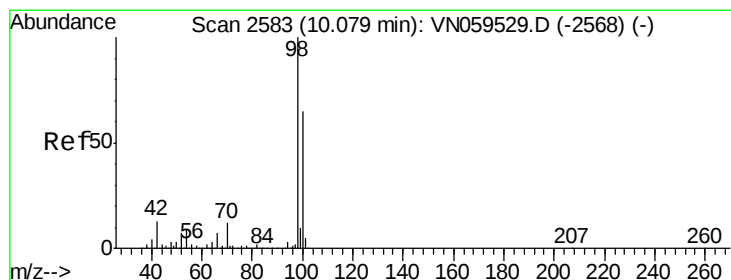
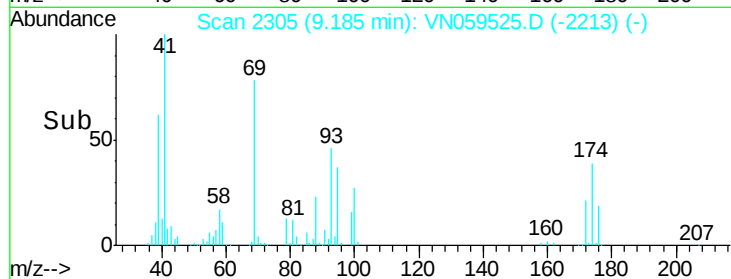
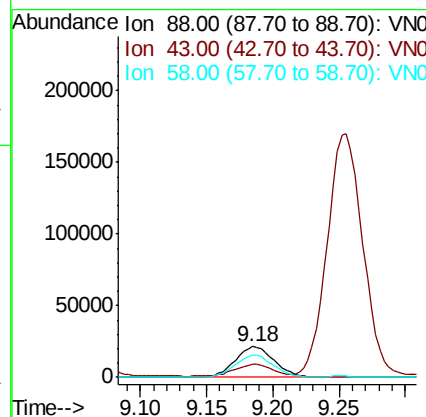
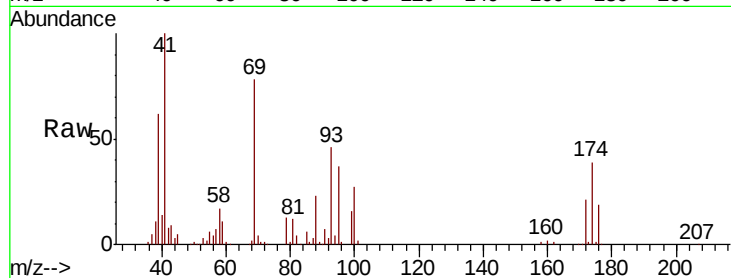
#49
1,4-Dioxane
Concen: 1089.073 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	43945
Ion Ratio	Lower	Upper	
88	100		
43	37.5	31.4	47.0
58	70.9	61.0	91.6

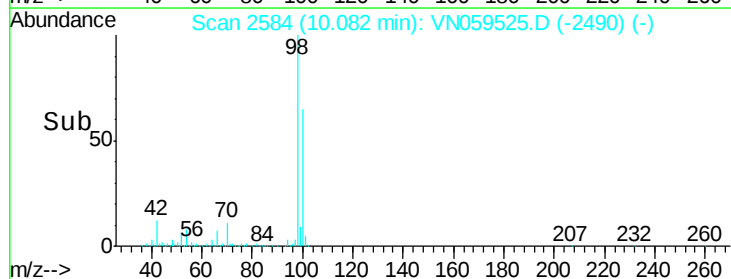
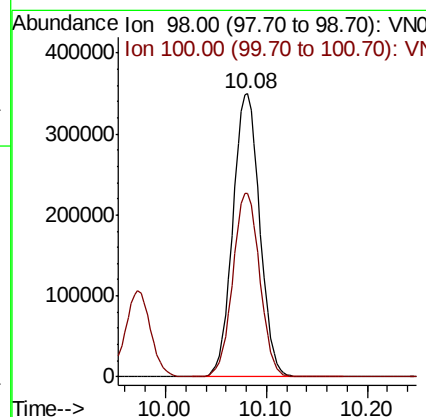
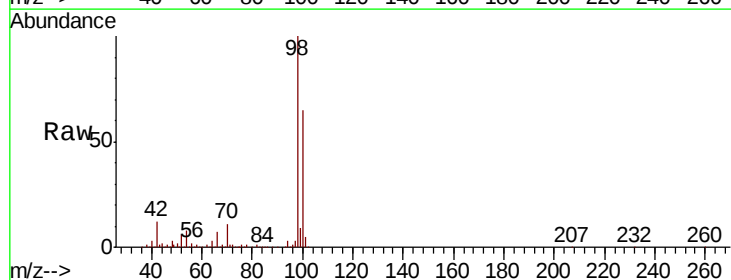
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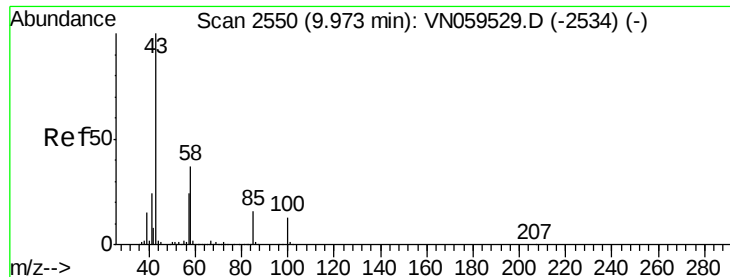
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#50
Toluene-d8
Concen: 65.515 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	98	Resp	650036
Ion Ratio	Lower	Upper	
98	100		
100	64.6	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 299.544 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1372034

Ion Ratio Lower Upper

43 100

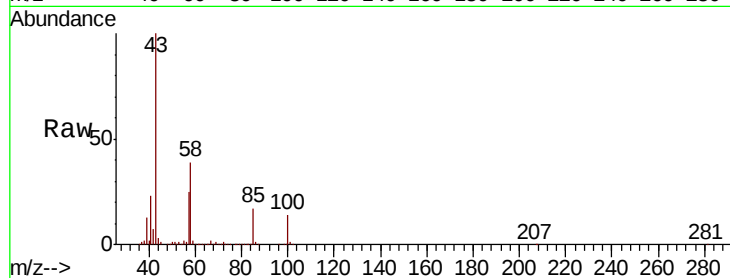
58 38.6 30.1 45.1

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

400000

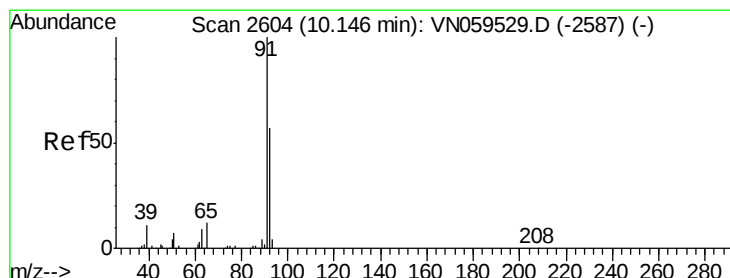
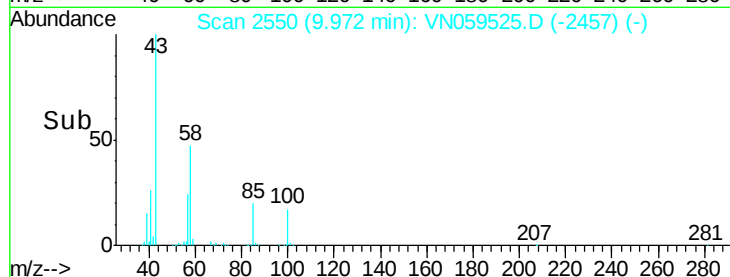
200000

0

9.90

10.00

Time-->



#52

Toluene

Concen: 65.638 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059525.D

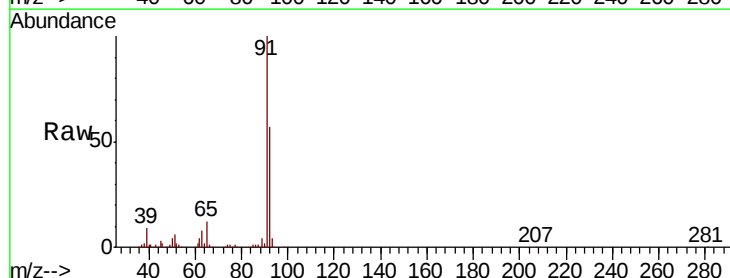
Acq: 9 Dec 2019 14:07

Tgt Ion: 92 Resp: 466820

Ion Ratio Lower Upper

92 100

91 173.1 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

300000

200000

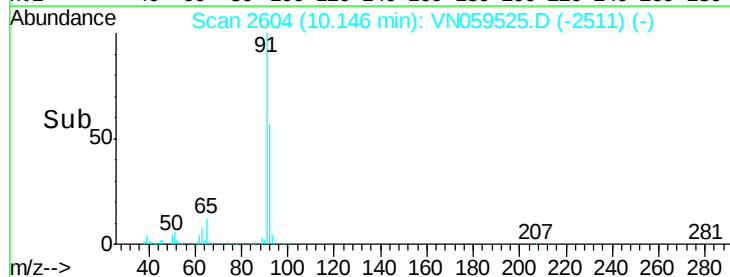
100000

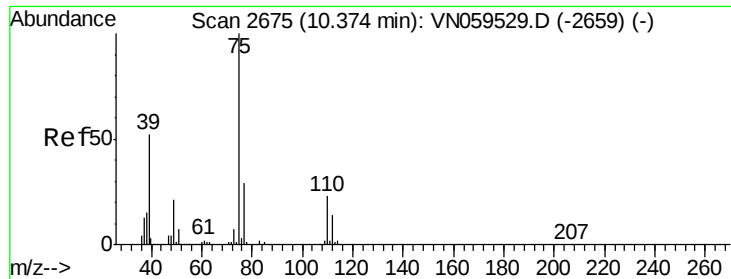
0

10.10

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 61.863 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 299360

Ion Ratio Lower Upper

75 100

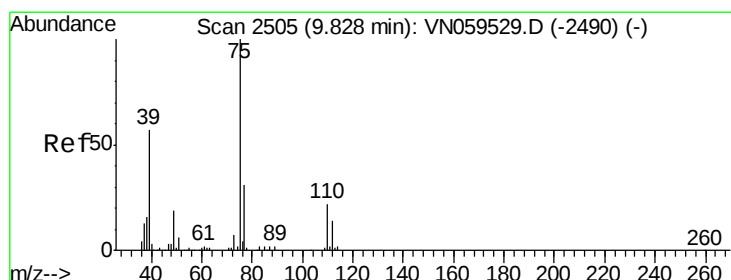
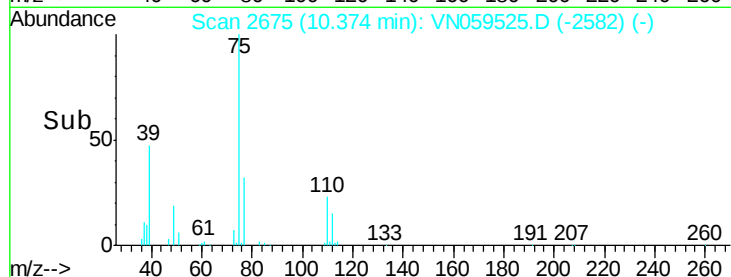
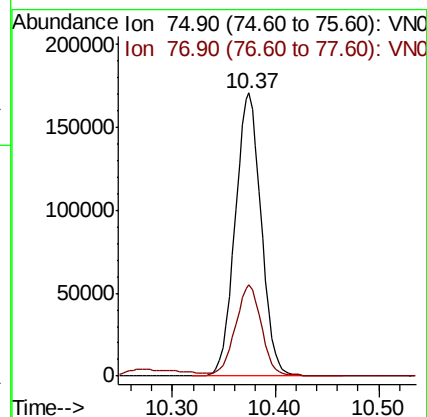
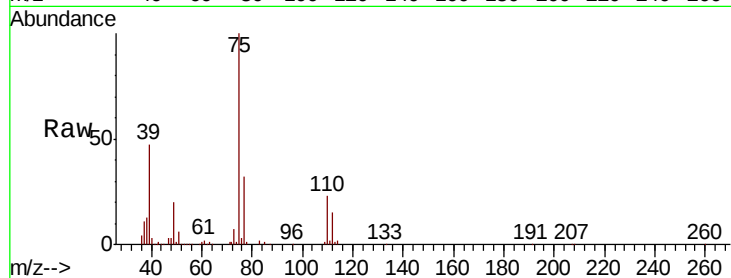
77 31.8 24.5 36.7

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#54

cis-1,3-Dichloropropene

Concen: 65.898 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

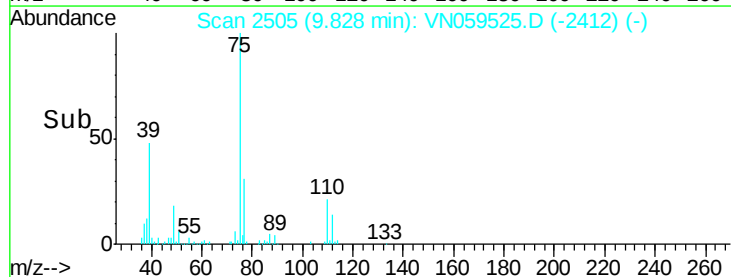
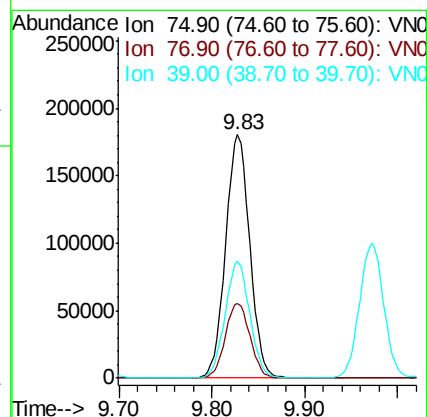
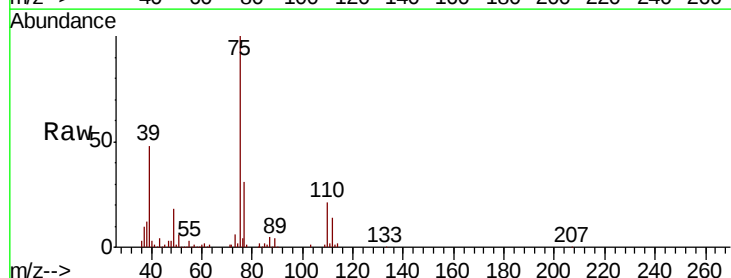
Tgt Ion: 75 Resp: 326364

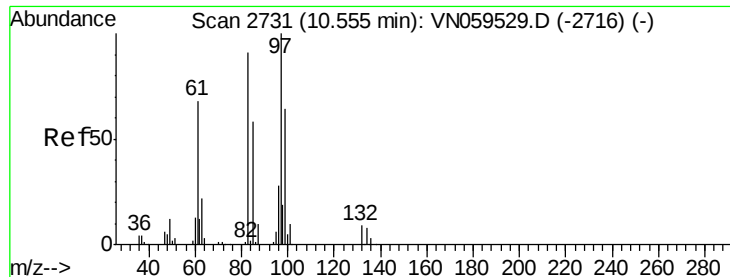
Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

39 48.0 45.6 68.4





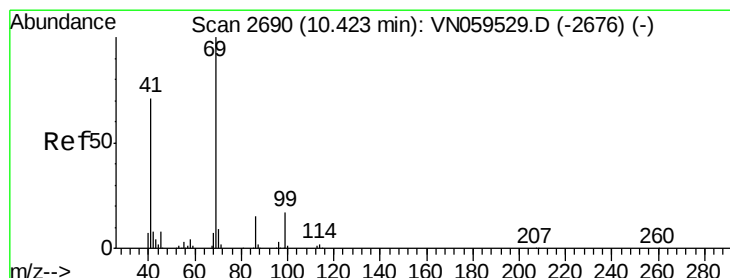
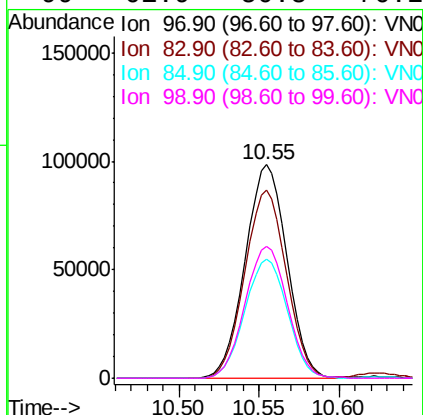
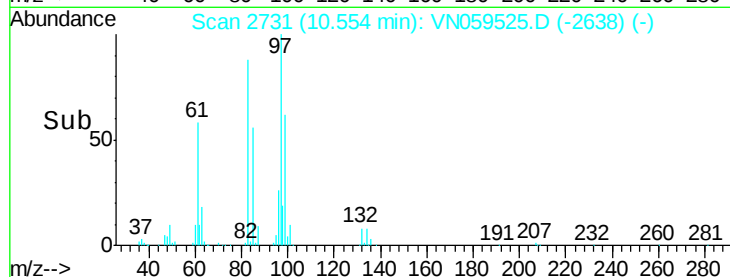
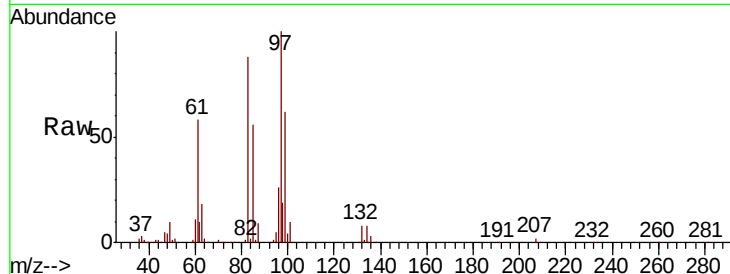
#55
 1,1,2-Trichloroethane
 Concen: 61.312 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	176358
Ion	Ratio	Lower	Upper
97	100		
83	88.1	72.9	109.3
85	55.9	46.1	69.1
99	61.9	50.8	76.2

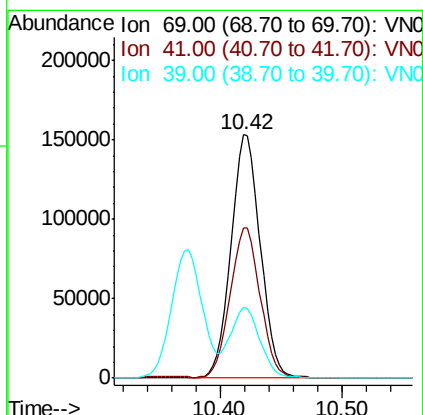
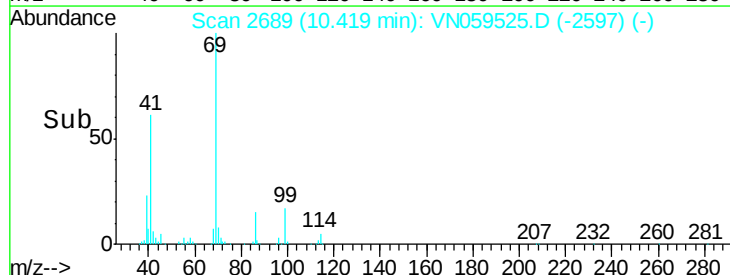
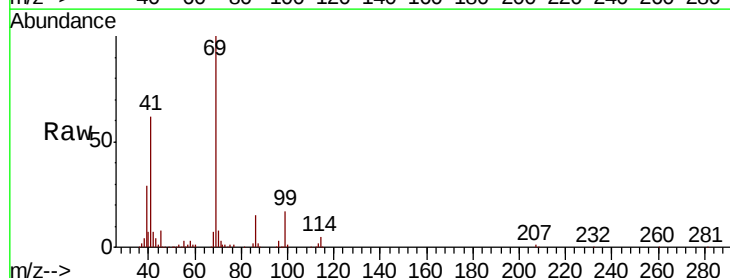
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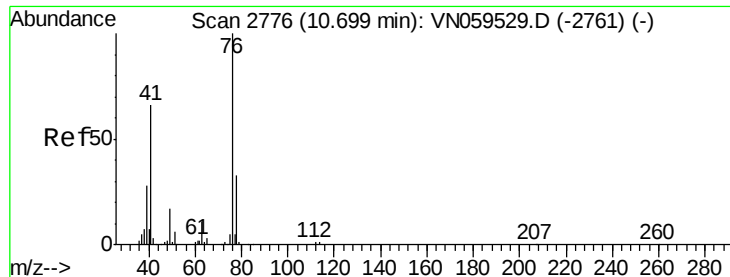
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#56
 Ethyl methacrylate
 Concen: 51.716 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Tgt Ion:	69	Resp:	256631
Ion	Ratio	Lower	Upper
69	100		
41	62.4	57.7	86.5
39	28.9	34.2	51.2#





#57

1,3-Dichloropropane

Concen: 64.359 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 316171

Ion Ratio Lower Upper

76 100

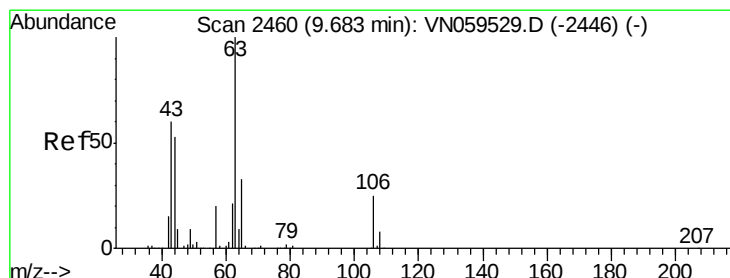
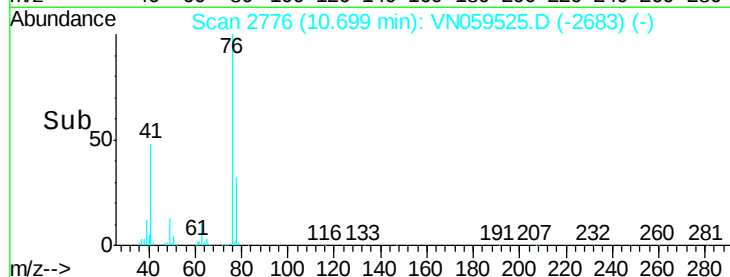
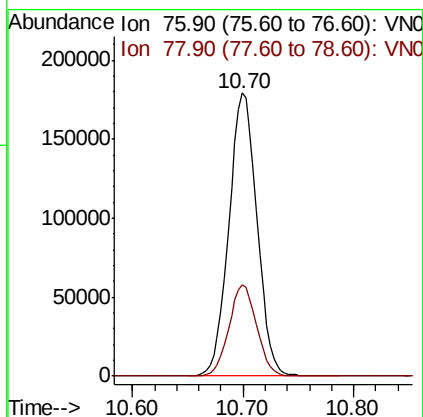
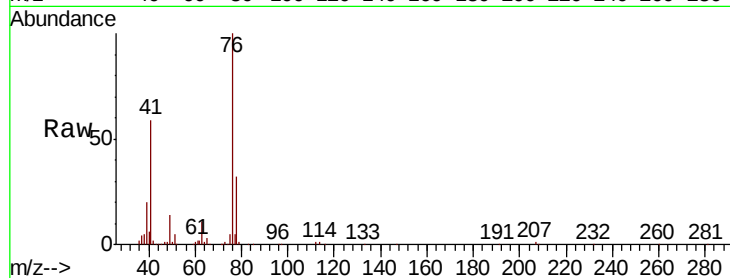
78 31.9 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 387.548 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059525.D

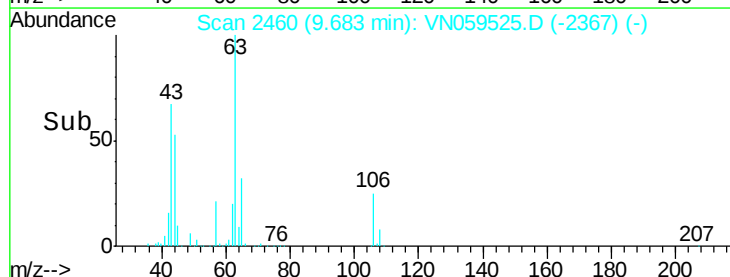
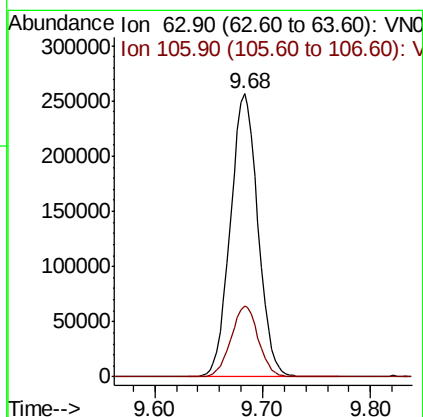
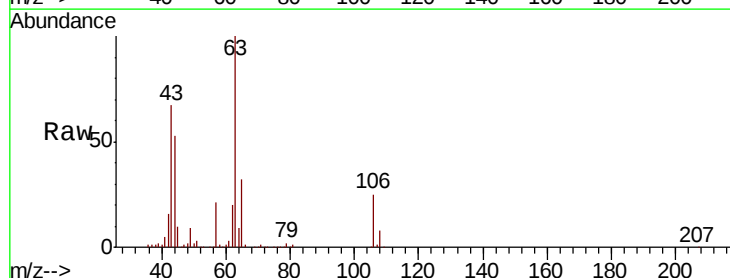
Acq: 9 Dec 2019 14:07

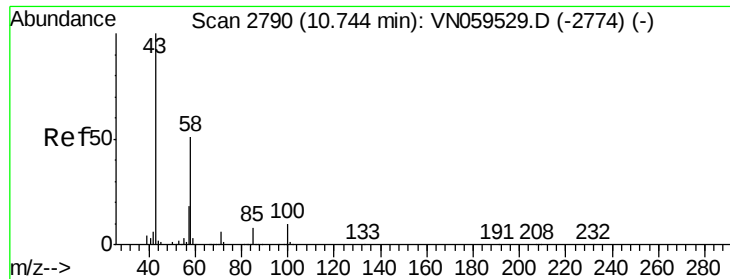
Tgt Ion: 63 Resp: 456670

Ion Ratio Lower Upper

63 100

106 25.0 19.9 29.9





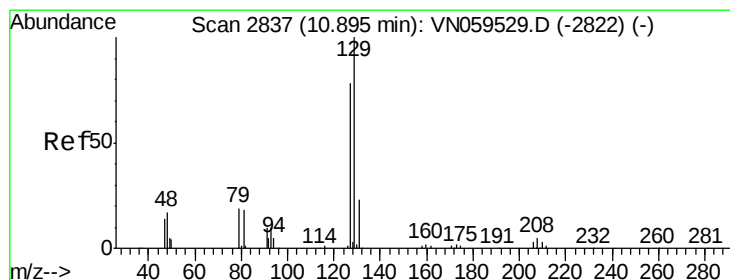
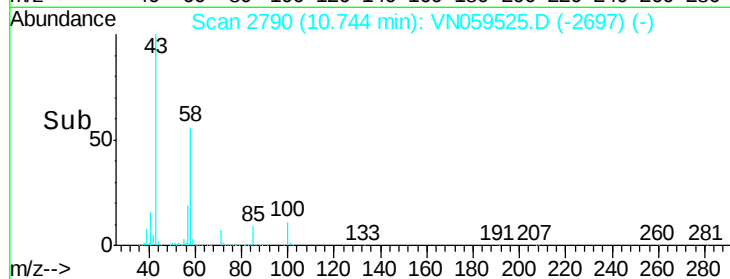
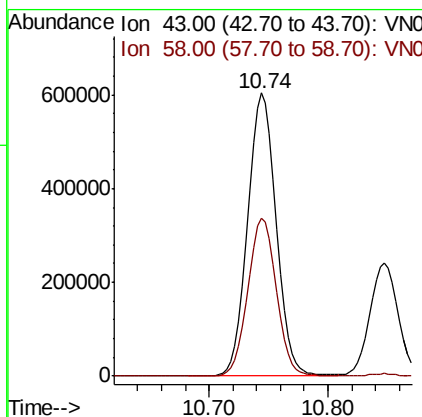
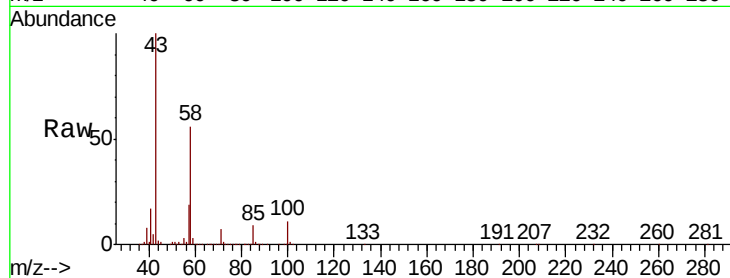
#59
2-Hexanone
Concen: 285.456 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1000325
Ion Ratio Lower Upper
43 100
58 56.0 25.9 77.6

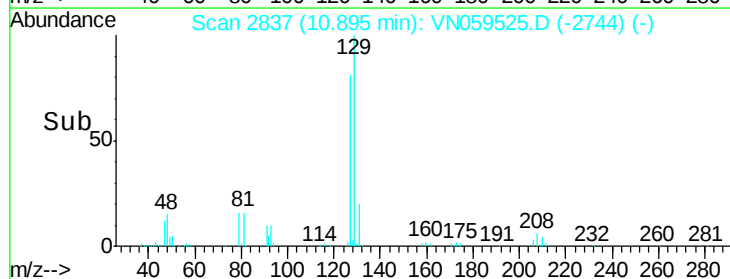
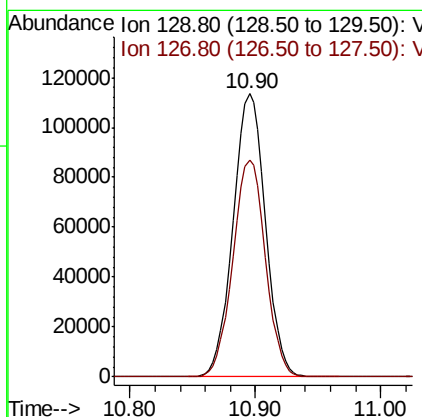
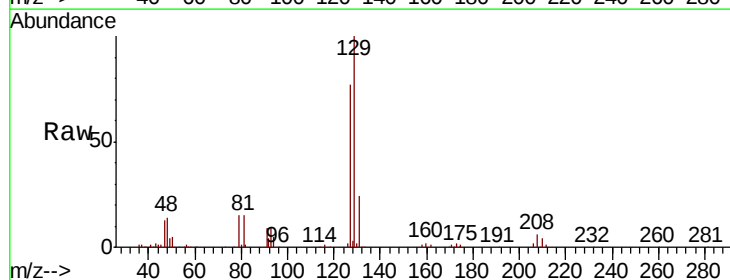
Manual Integrations
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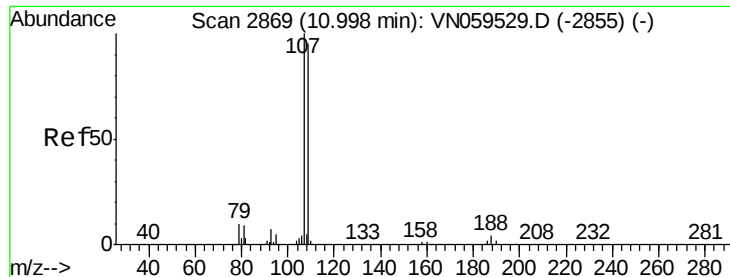
apatel
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#60
Dibromochloromethane
Concen: 59.002 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion: 129 Resp: 203214
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6





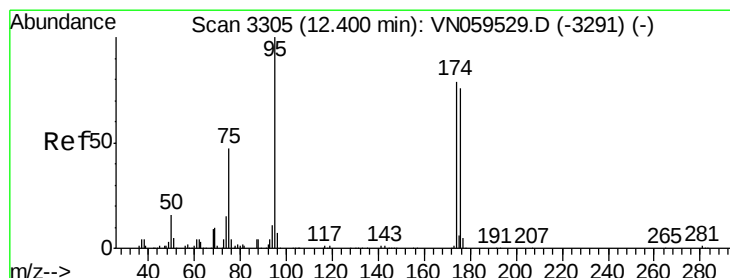
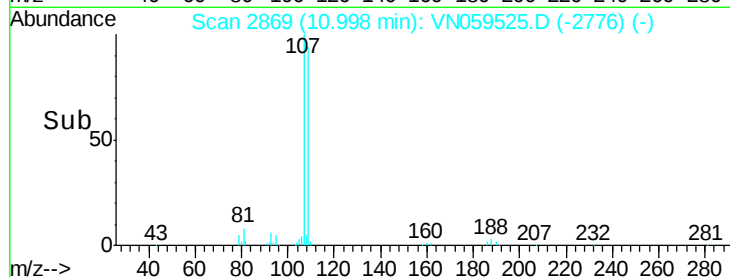
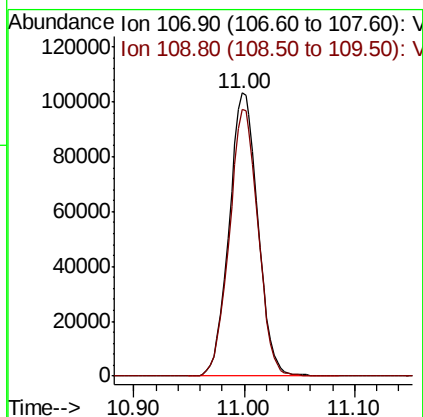
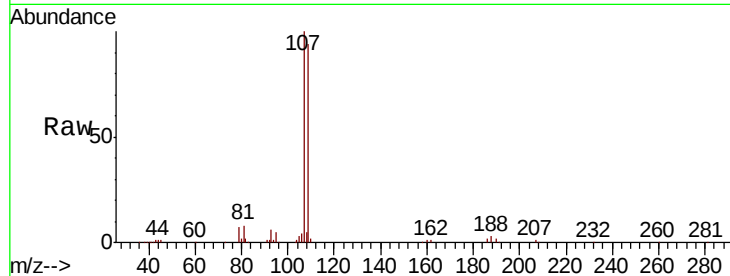
#61
 1,2-Dibromoethane
 Concen: 62.367 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.1	114.1

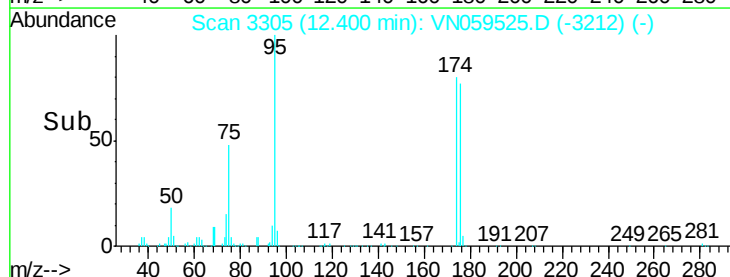
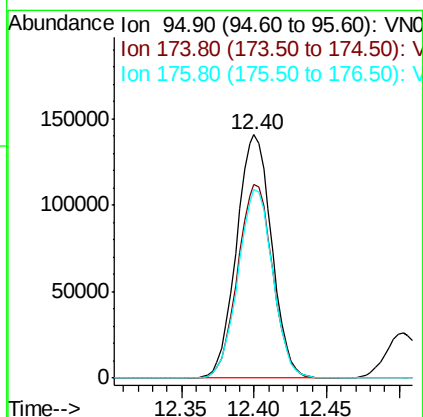
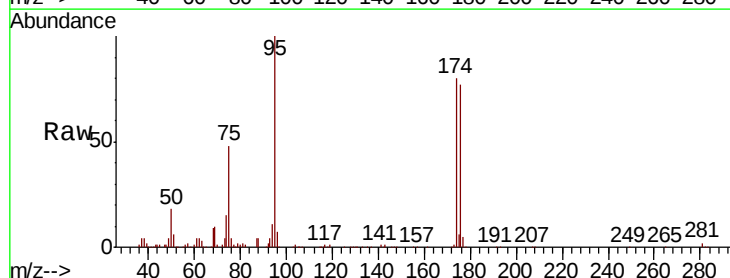
Manual Integrations
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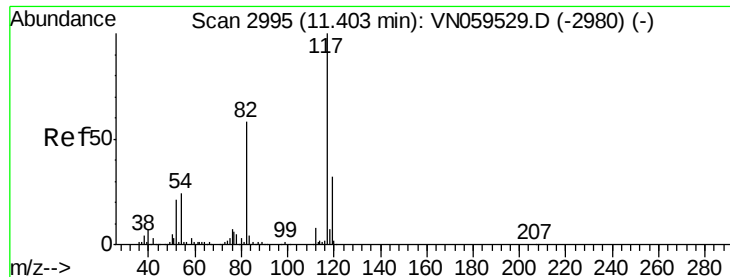
apatel
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#62
 4-Bromofluorobenzene
 Concen: 64.492 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	158.0
176	76.8	0.0	155.4





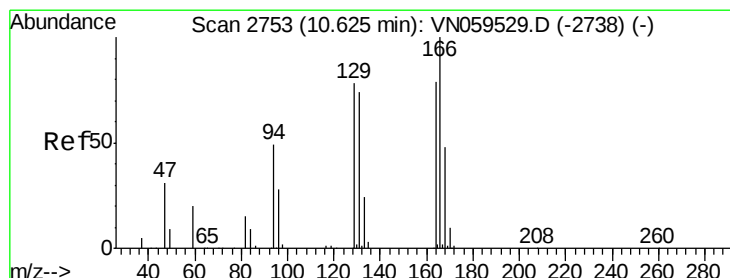
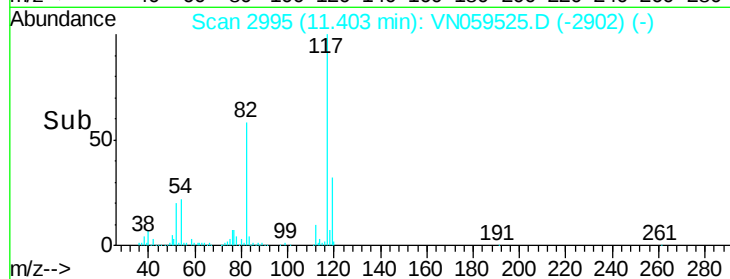
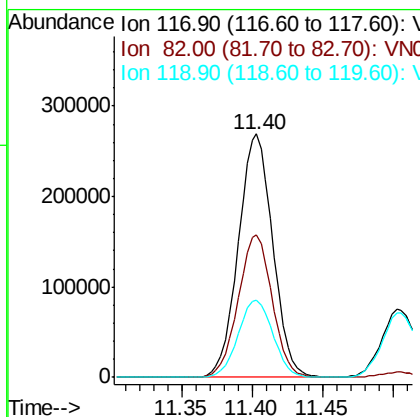
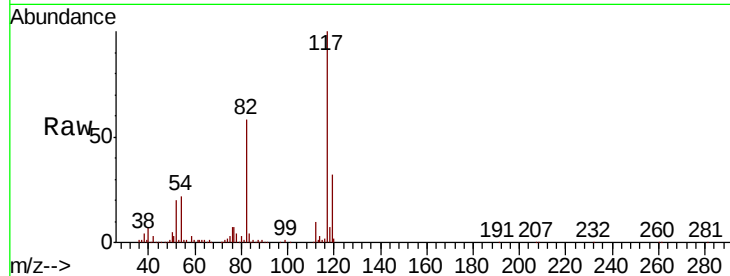
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.5	69.7
119	31.6	25.2	37.8

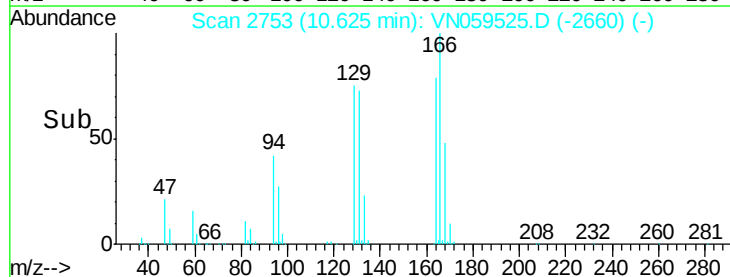
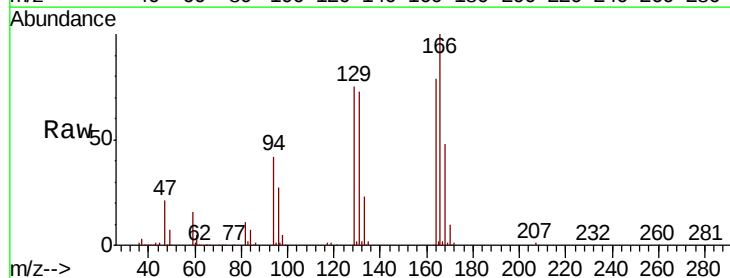
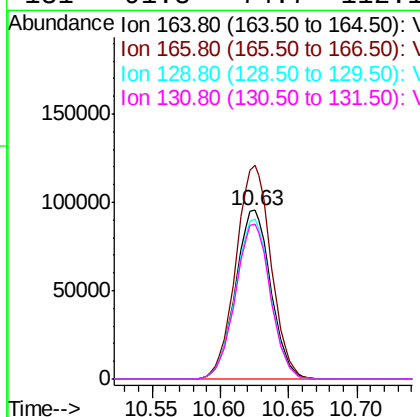
Manual Integrations
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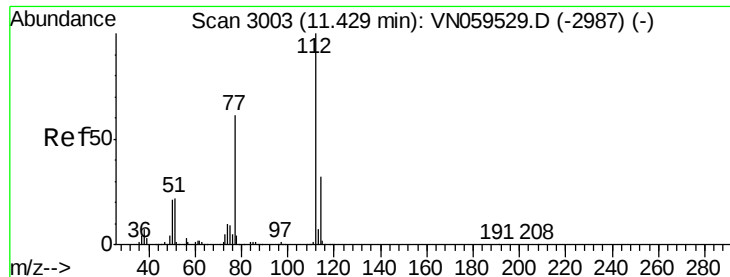
apatel
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#64
Tetrachloroethene
Concen: 50.927 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.6	152.4
129	94.4	79.0	118.6
131	91.8	74.7	112.1





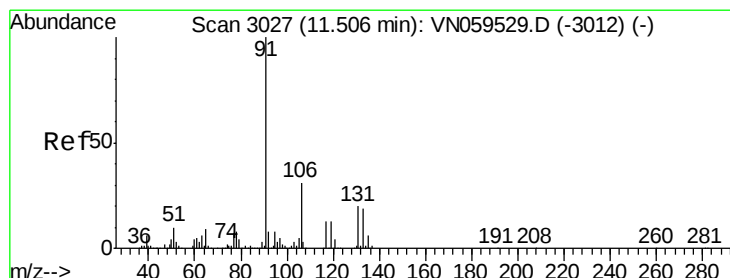
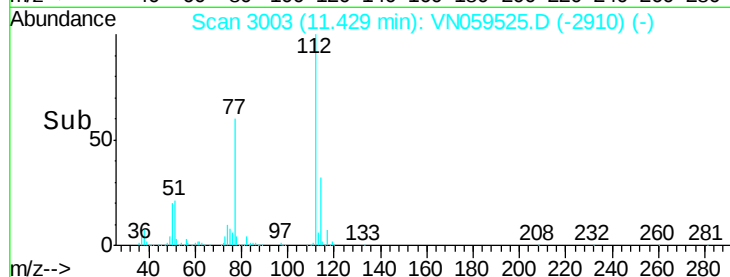
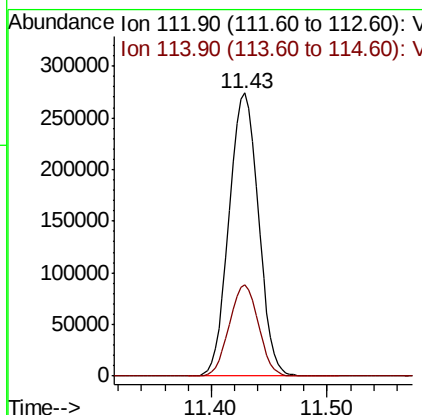
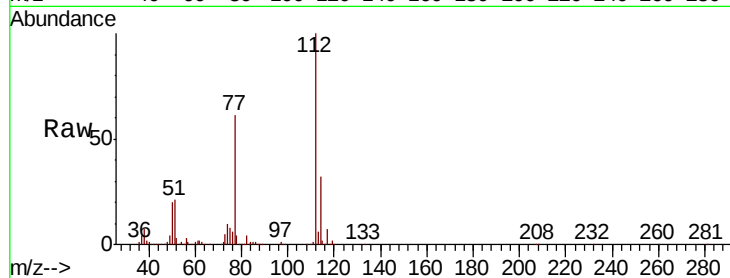
#65
Chlorobenzene
Concen: 49.843 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 481036
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

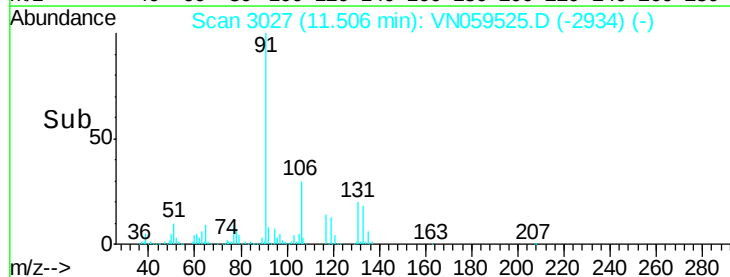
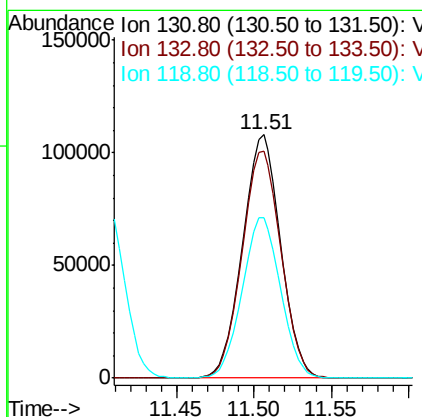
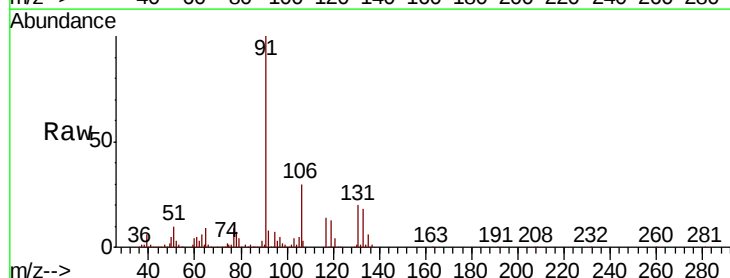
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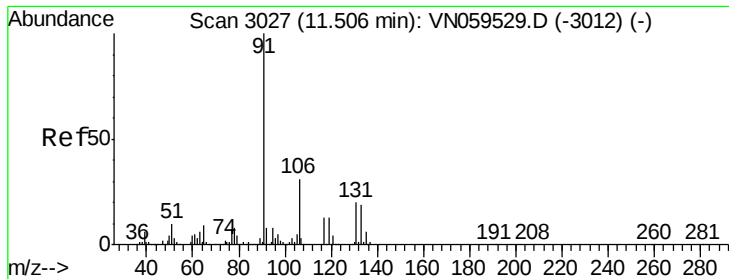
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.523 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion:131 Resp: 185459
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 66.3 33.4 100.2





#67

Ethyl Benzene

Concen: 51.522 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 894770

Ion Ratio Lower Upper

91 100

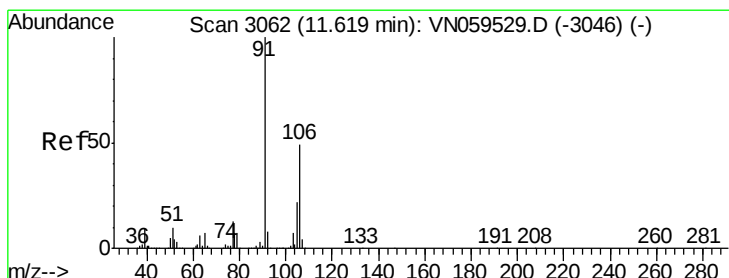
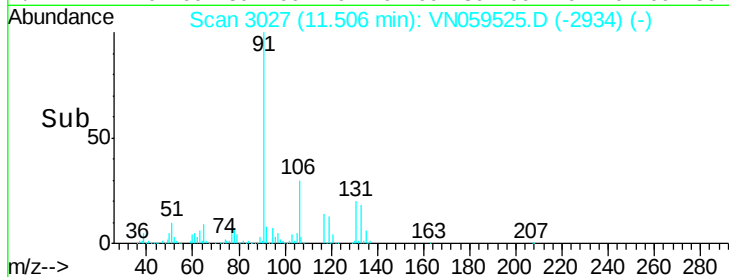
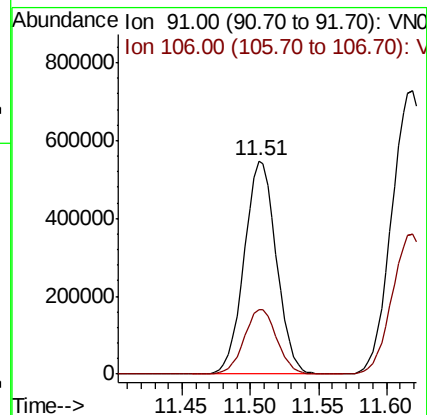
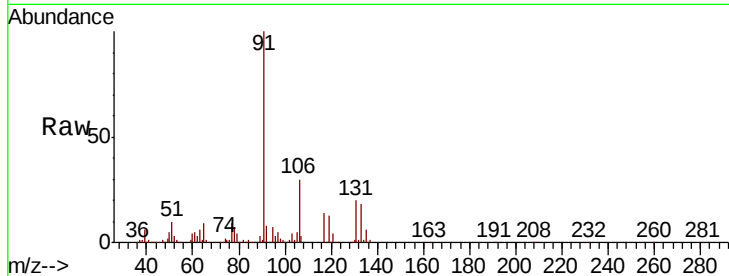
106 30.4 24.5 36.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 104.438 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059525.D

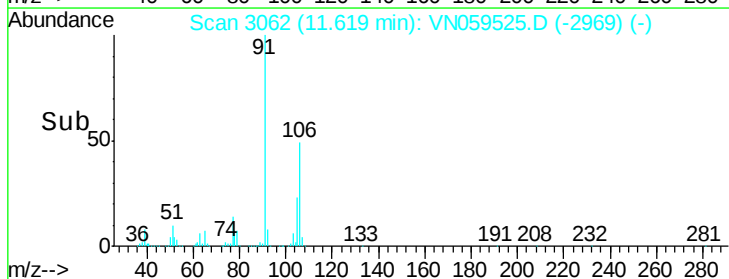
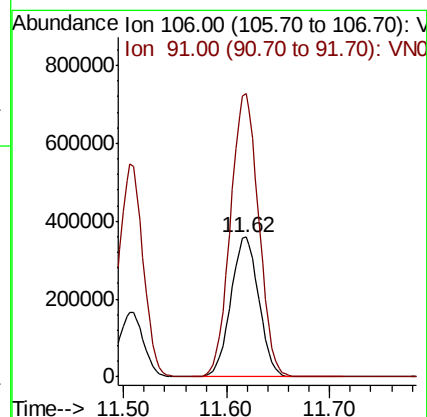
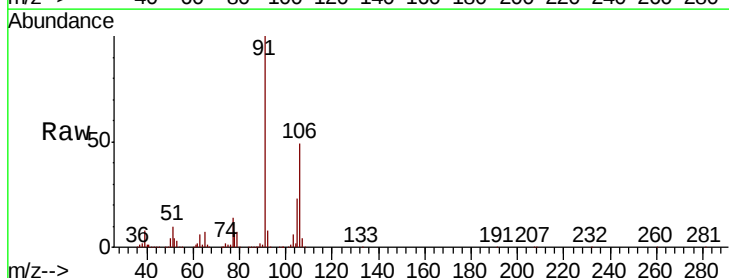
Acq: 9 Dec 2019 14:07

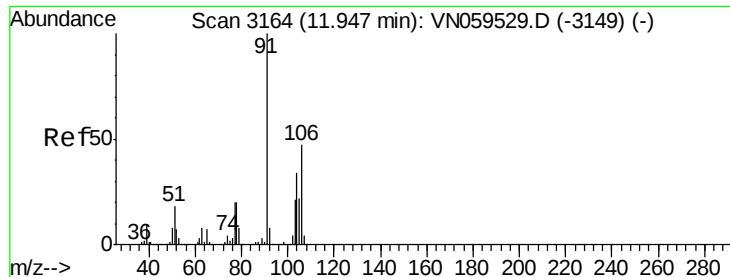
Tgt Ion: 106 Resp: 680400

Ion Ratio Lower Upper

106 100

91 204.0 162.9 244.3





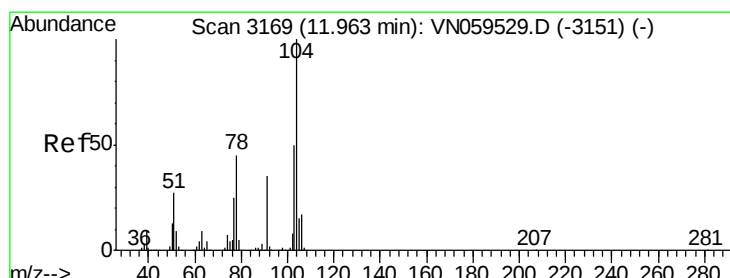
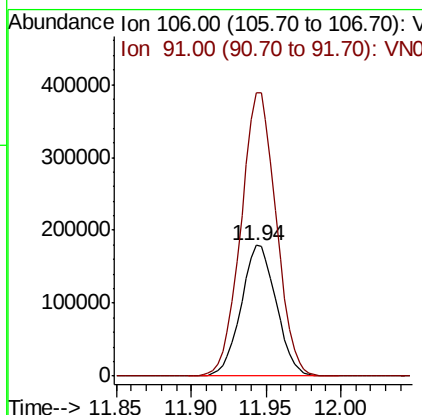
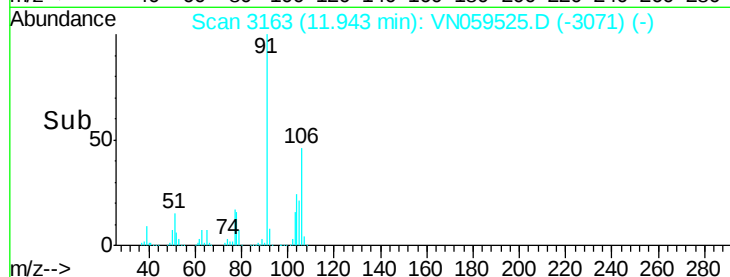
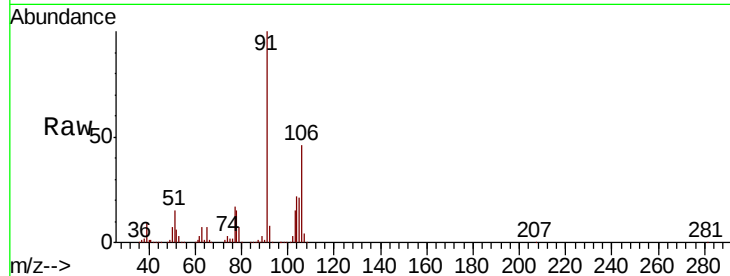
#69
o-Xylene
Concen: 48.415 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
293581	106	100		
	91	217.1	106.7	319.9

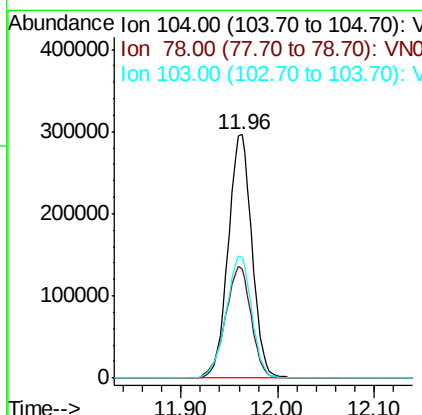
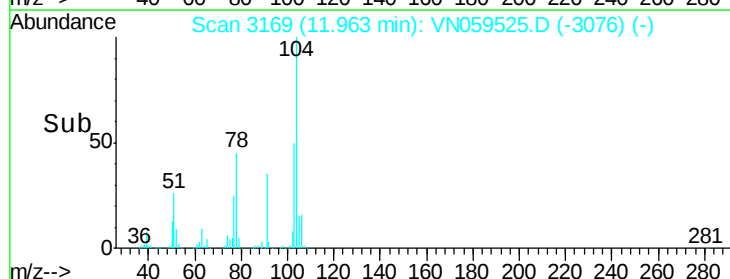
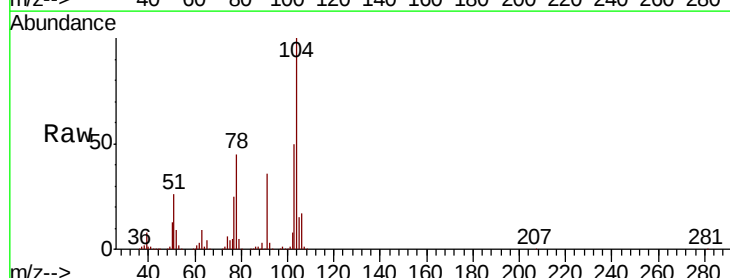
Manual Integrations
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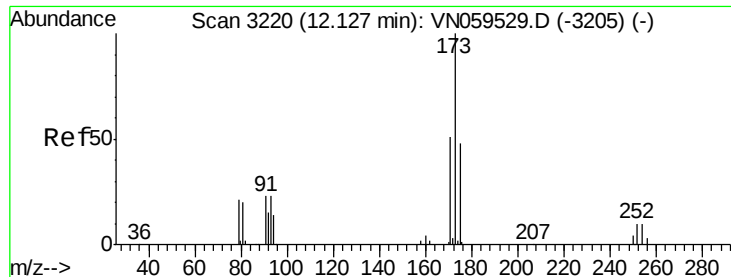
apatel
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#70
Styrene
Concen: 50.245 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ion	Ratio	Lower	Upper
504759	104	100		
	78	49.9	40.6	60.8
	103	54.2	43.9	65.9





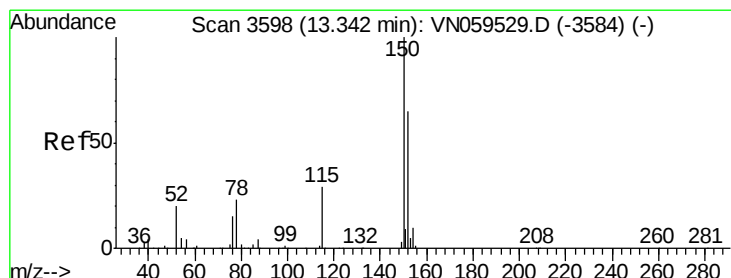
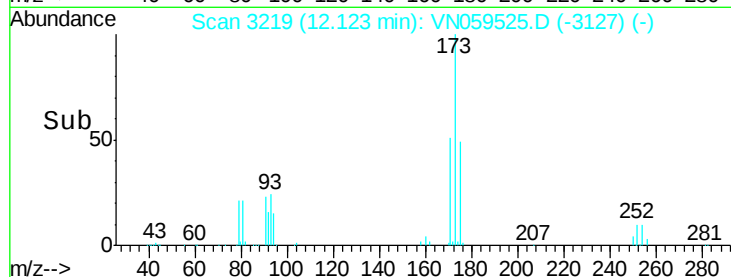
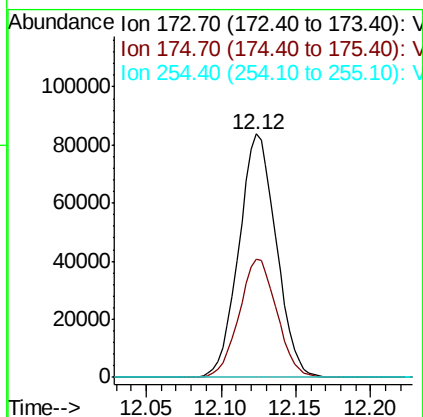
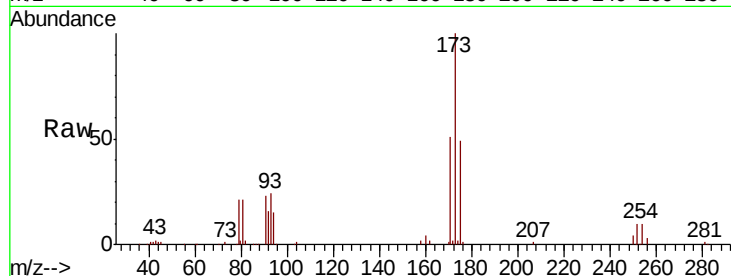
#71
Bromoform
Concen: 51.356 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.4
254	0.0	0.0	0.0

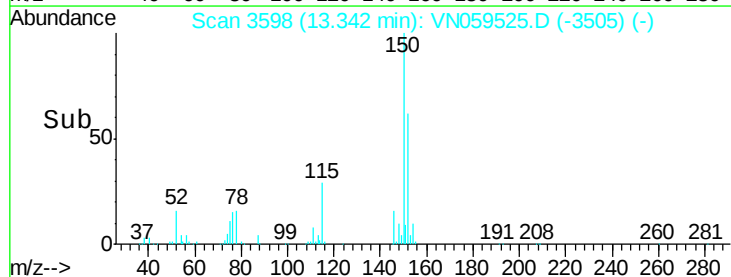
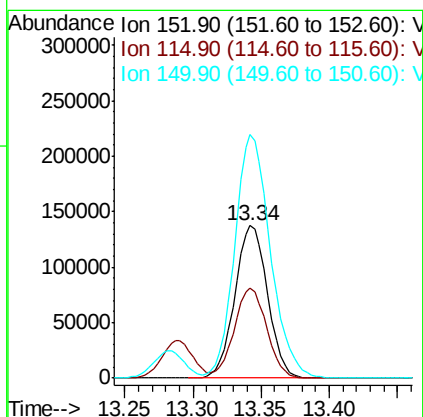
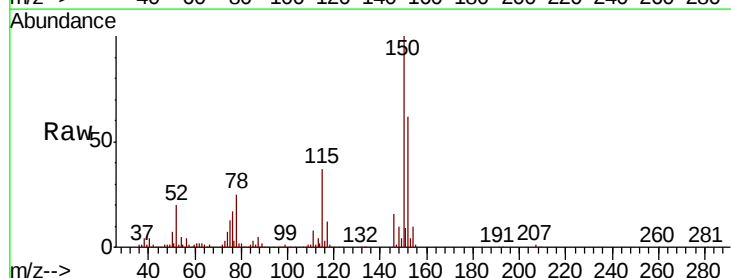
Manual Integrations
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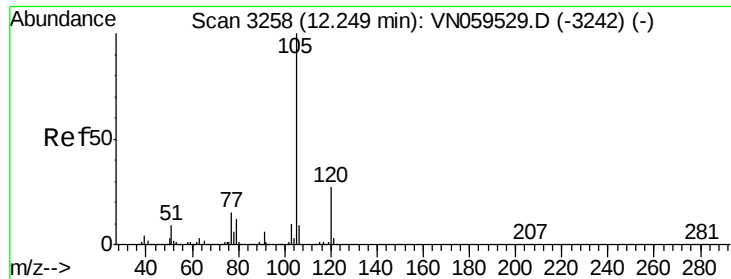
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.4	88.2
150	174.4	0.0	342.4





#73

Isopropylbenzene

Concen: 46.954 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 801163

Ion Ratio Lower Upper

105 100

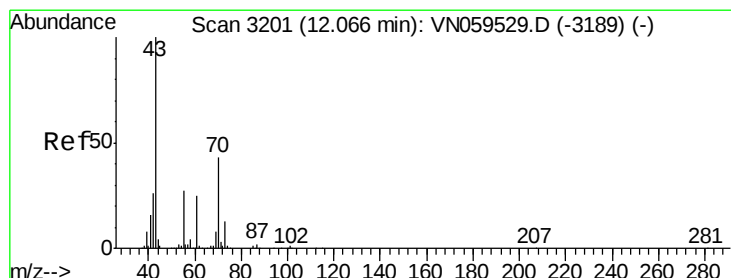
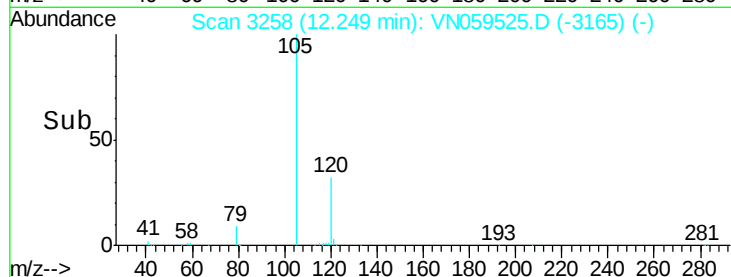
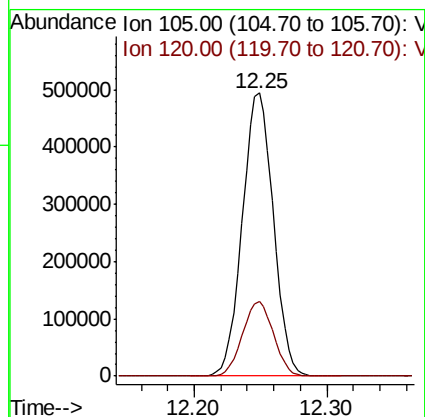
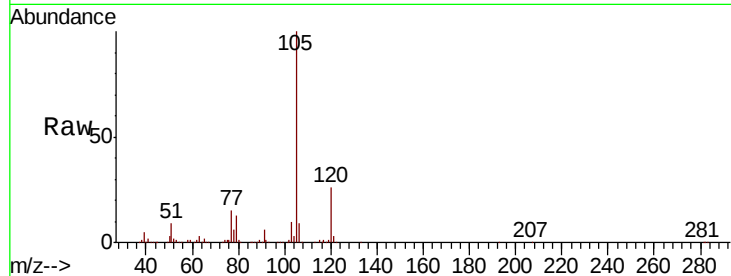
120 26.4 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.158 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Tgt Ion: 43 Resp: 380227

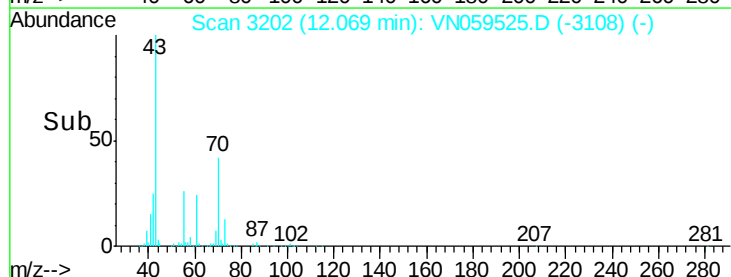
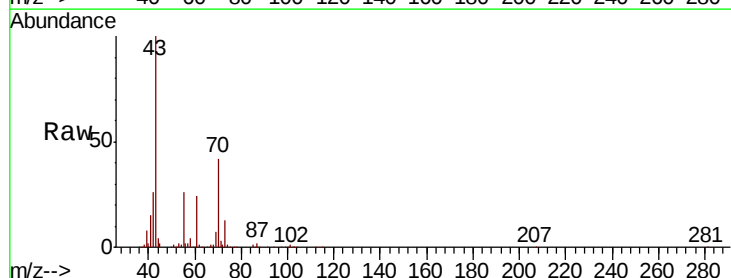
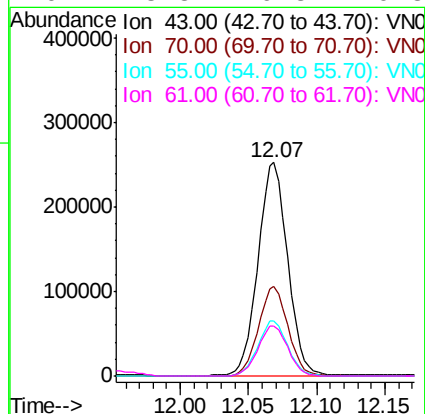
Ion Ratio Lower Upper

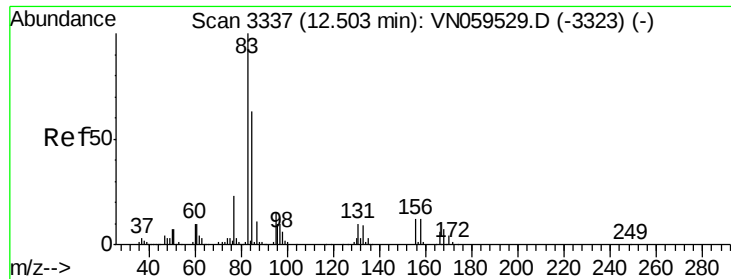
43 100

70 41.9 34.2 51.4

55 26.1 21.3 31.9

61 23.8 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.856 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

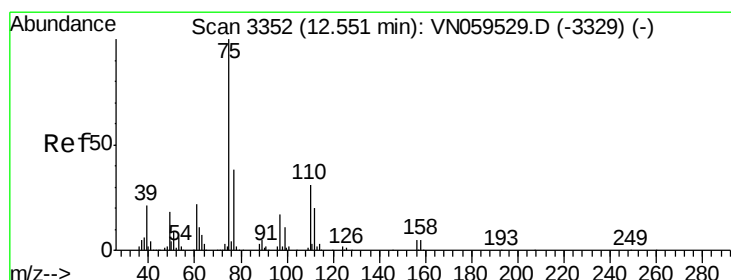
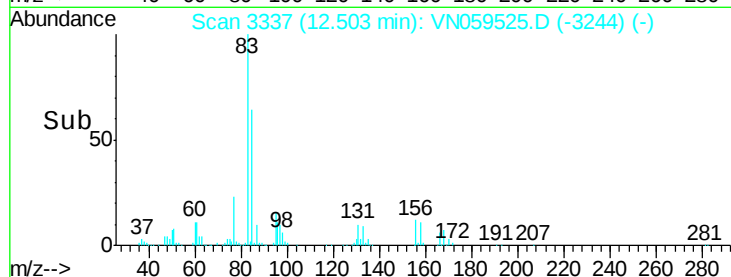
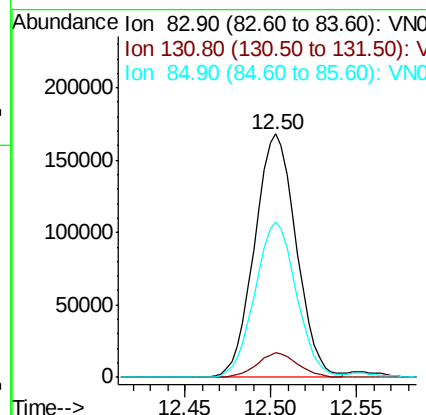
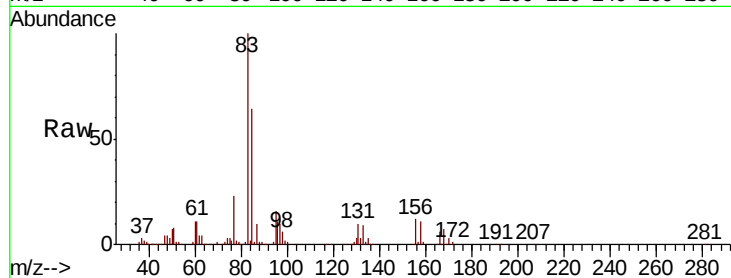
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	282470
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	63.5	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 44.888 ug/l m

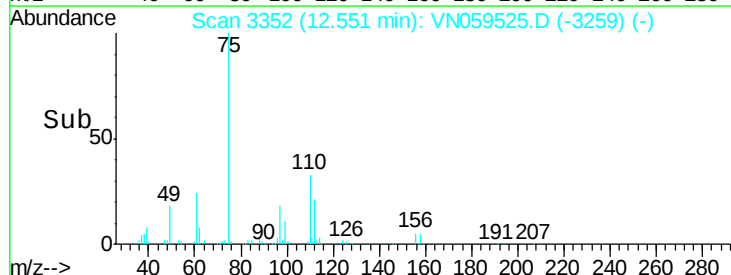
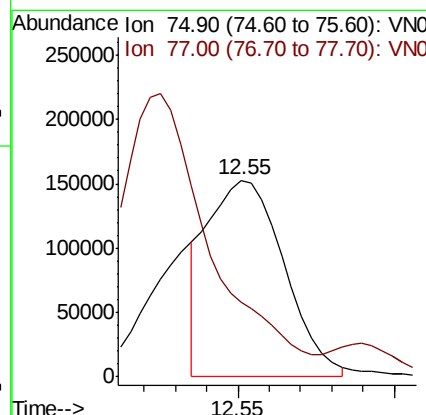
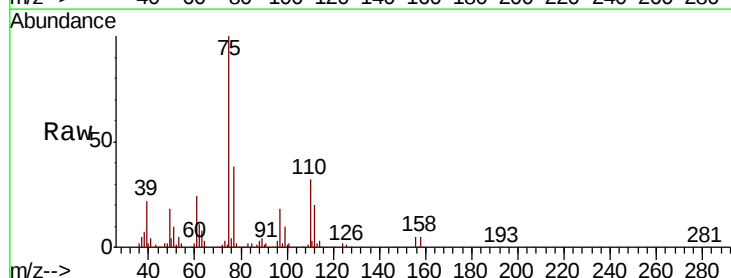
RT: 12.55 min Scan# 3352

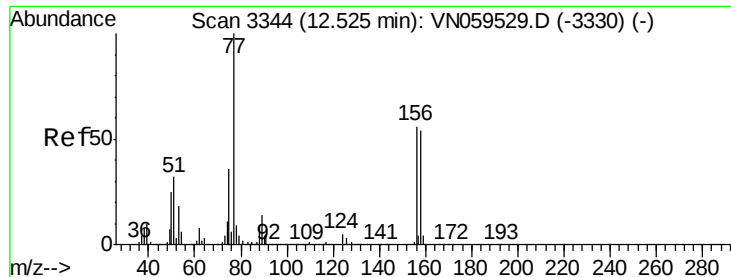
Delta R.T. 0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Tgt Ion:	75	Resp:	261113
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.006 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

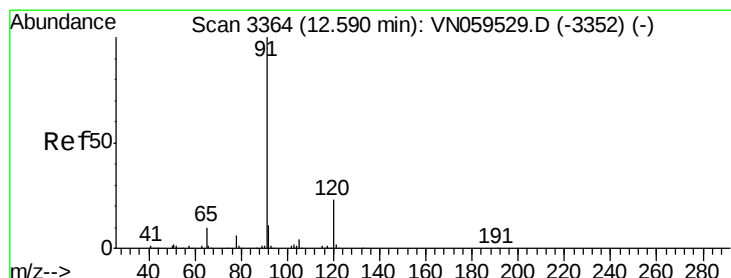
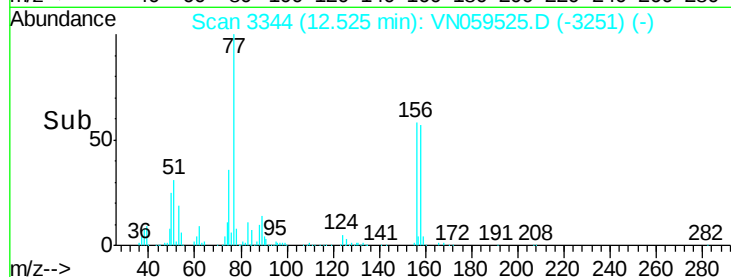
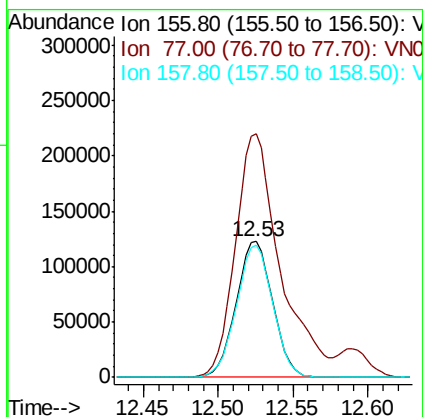
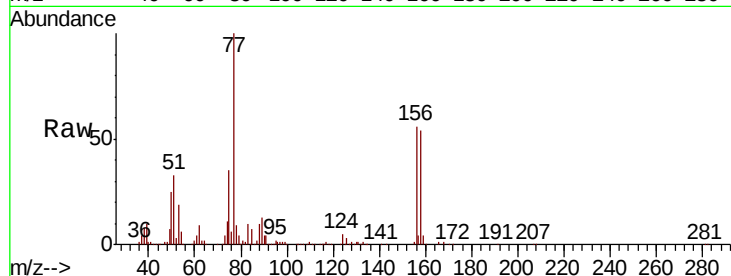
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	208172
Ion Ratio	Lower	Upper	
156	100		
77	218.9	109.3	327.8
158	97.0	48.6	145.8

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#78

n-propylbenzene

Concen: 49.102 ug/l

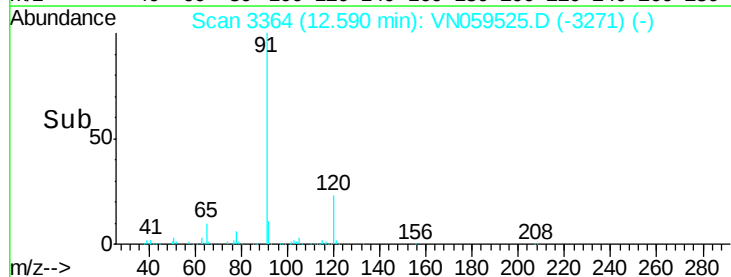
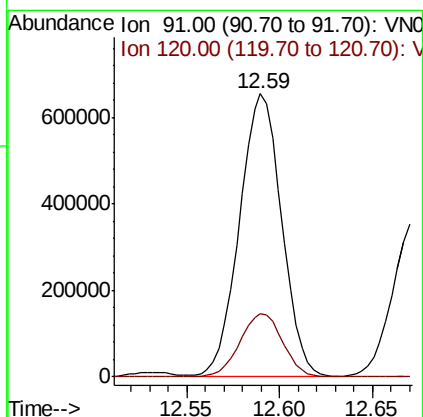
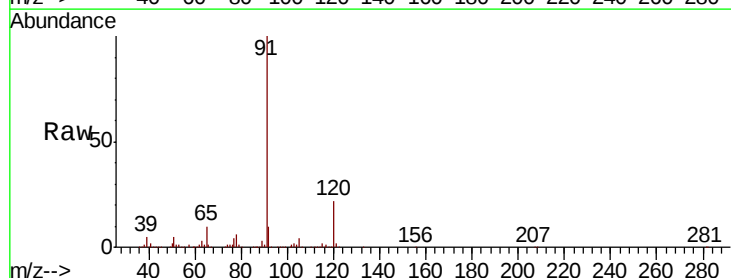
RT: 12.59 min Scan# 3364

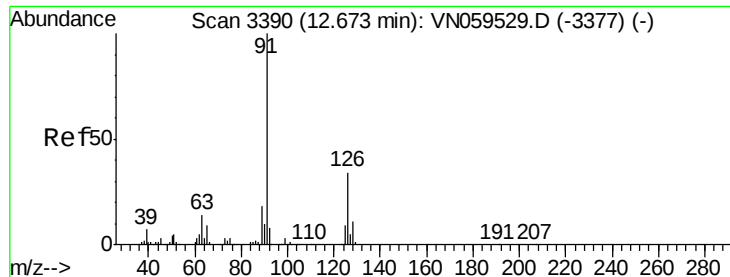
Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Tgt Ion:	91	Resp:	1029534
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.4	34.1





#79

2-Chlorotoluene

Concen: 47.880 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059525.D

Acq: 9 Dec 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 598625

Ion Ratio Lower Upper

91 100

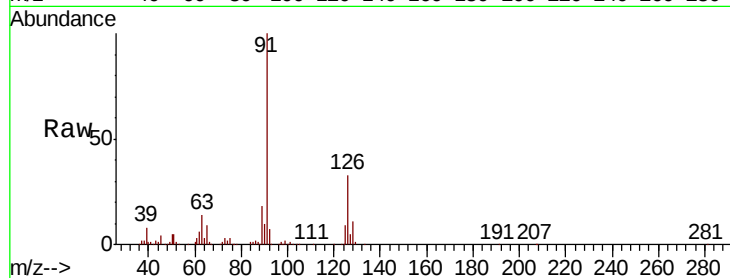
126 33.0 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VN059529.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN059529.D (-3377) (-)

600000

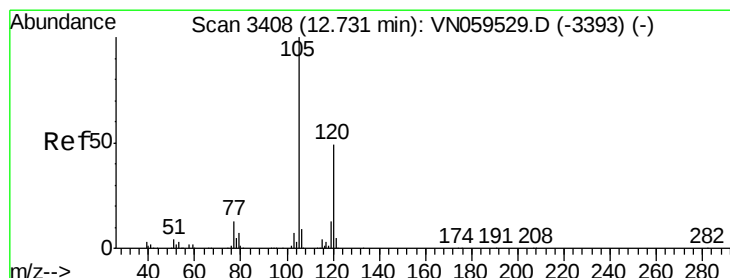
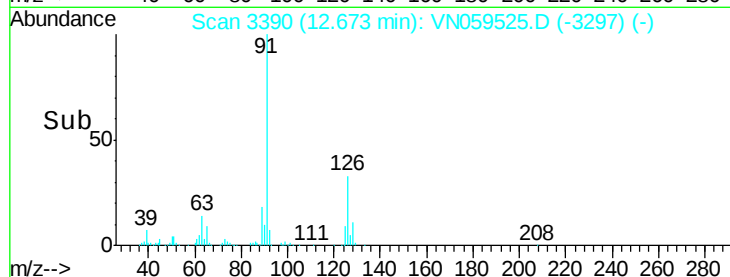
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 46.726 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059525.D

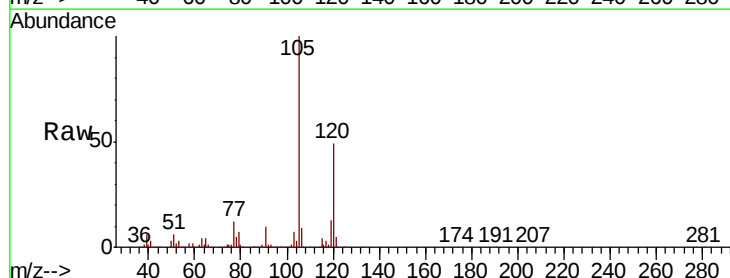
Acq: 9 Dec 2019 14:07

Tgt Ion:105 Resp: 683680

Ion Ratio Lower Upper

105 100

120 49.0 24.5 73.5



Abundance Ion 105.00 (104.70 to 105.70): VN059529.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN059529.D (-3393) (-)

500000

400000

300000

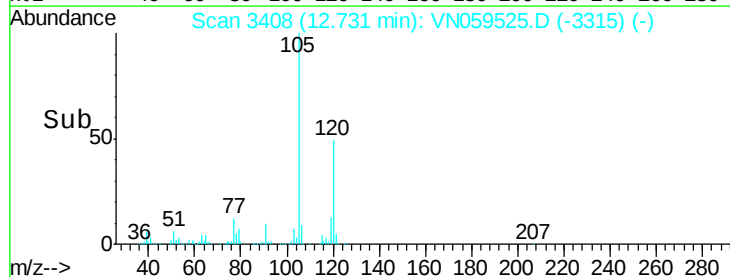
200000

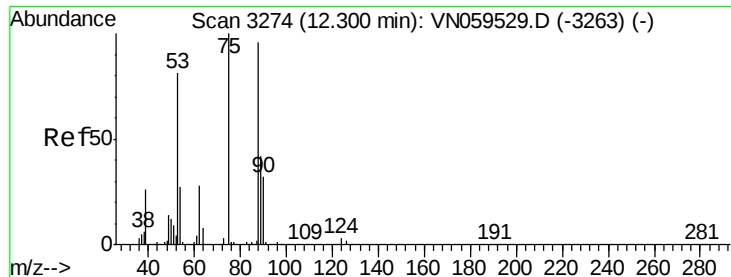
100000

0

12.70 12.80

Time-->





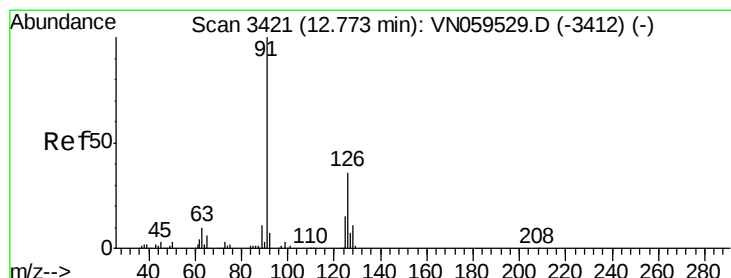
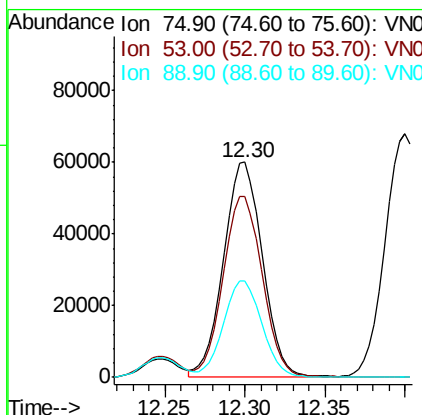
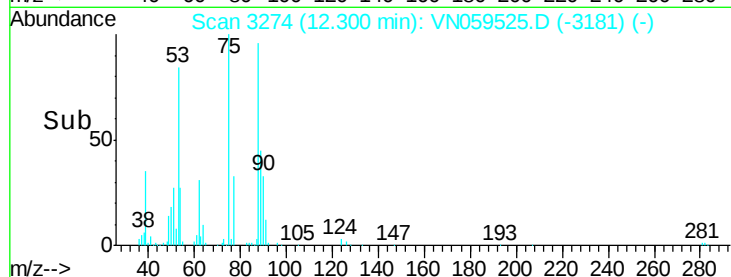
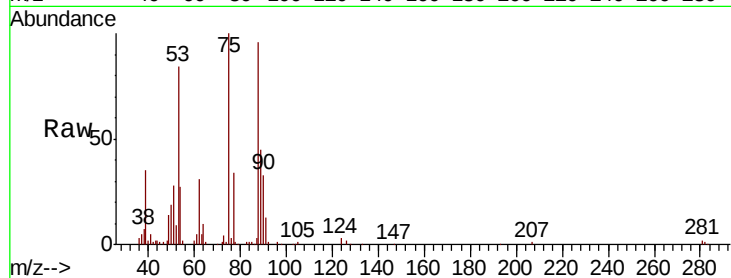
#81
trans-1,4-Dichloro-2-butene
Concen: 46.068 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.9	67.0	100.6
89	44.4	35.5	53.3

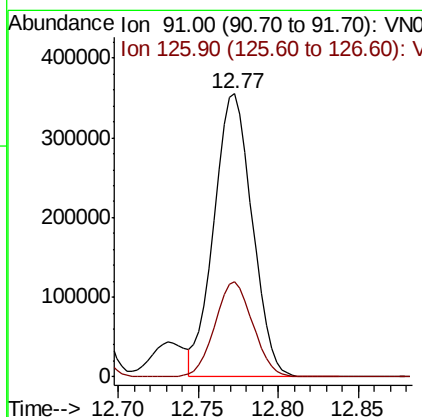
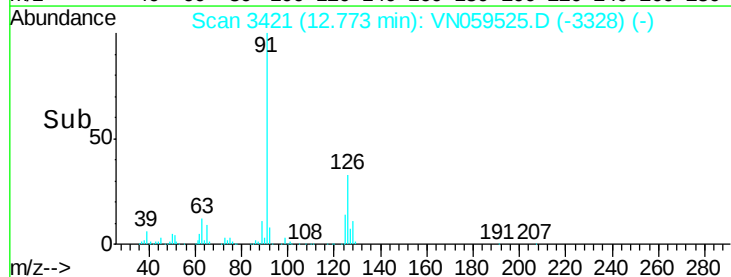
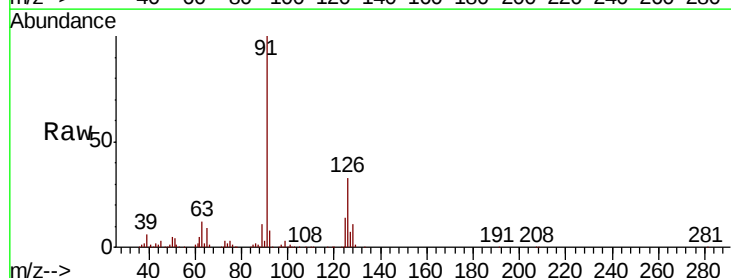
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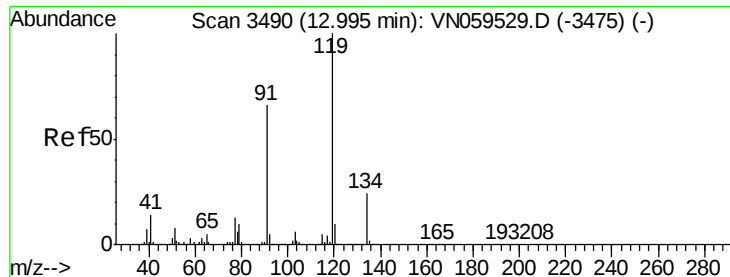
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#82
4-Chlorotoluene
Concen: 45.684 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.4





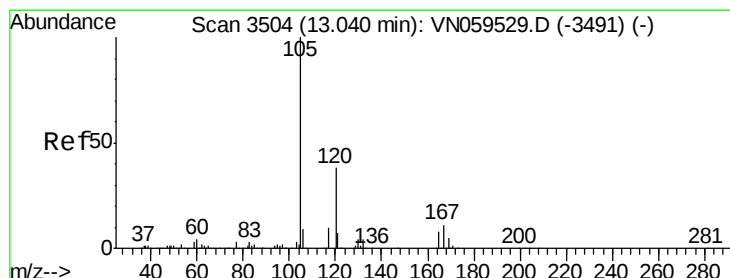
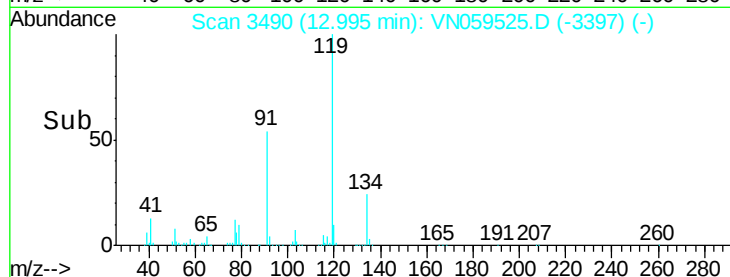
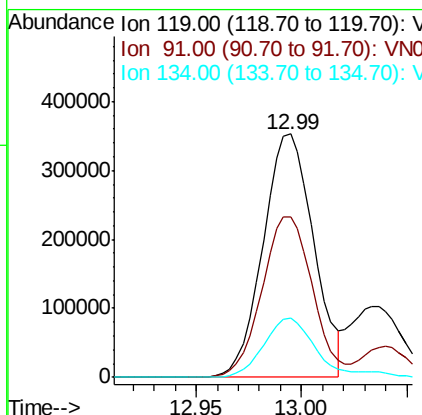
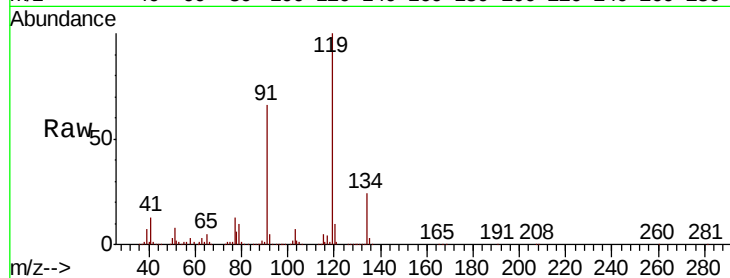
#83
 tert-Butylbenzene
 Concen: 48.240 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.8	98.4
134	25.9	12.8	38.3

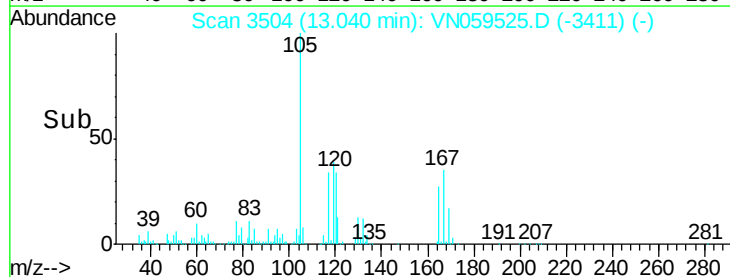
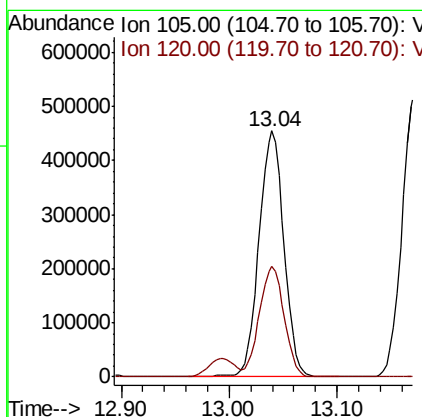
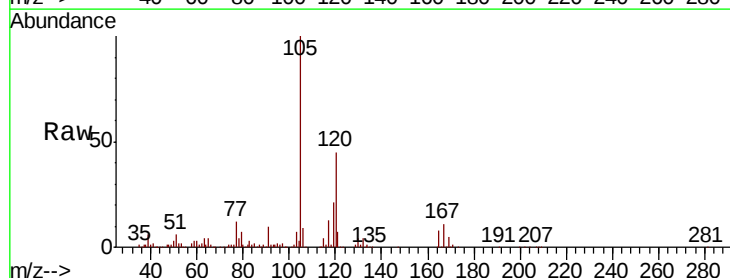
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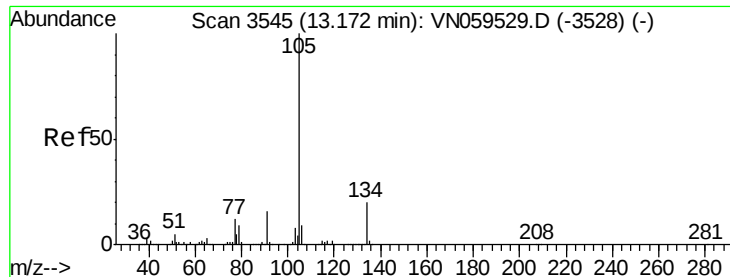
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.255 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.8	68.3





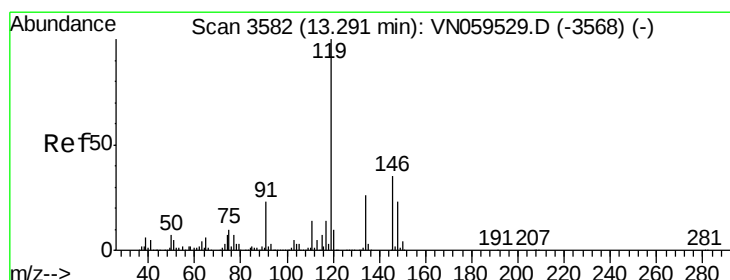
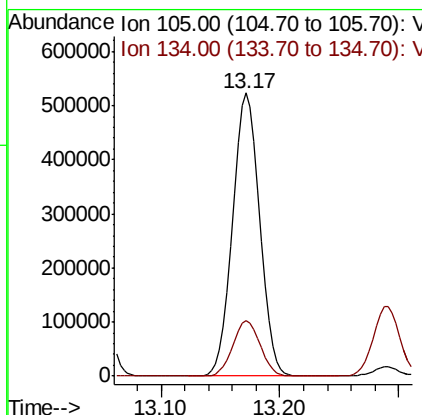
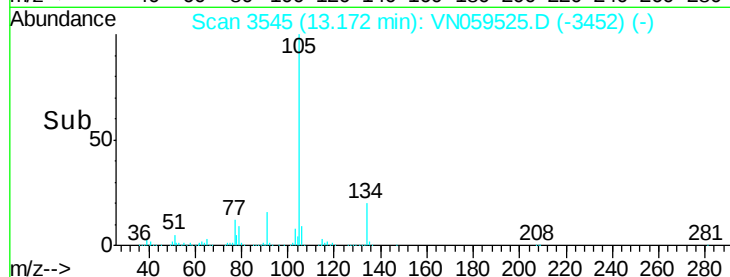
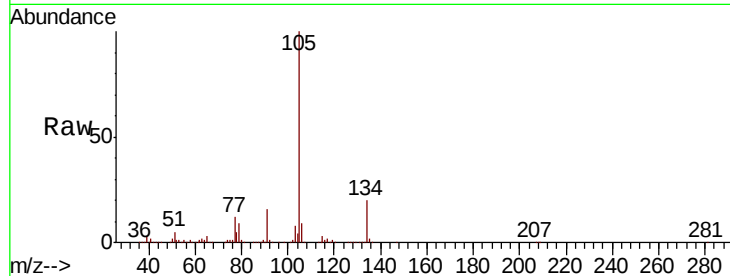
#85
 sec-Butylbenzene
 Concen: 49.070 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5

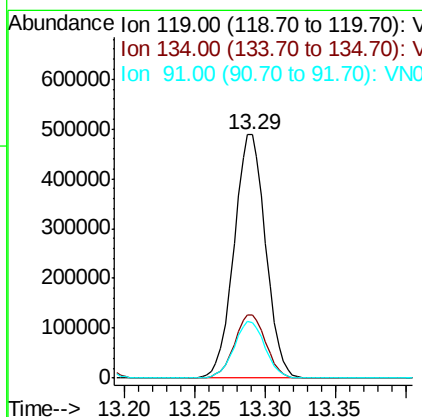
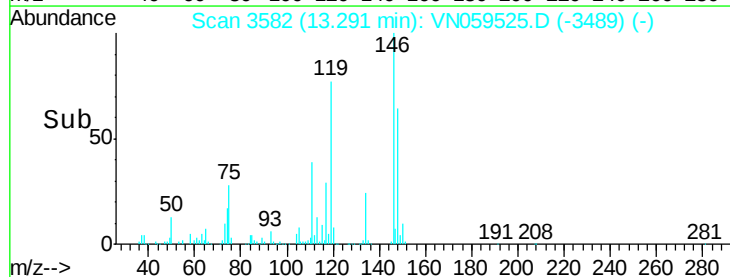
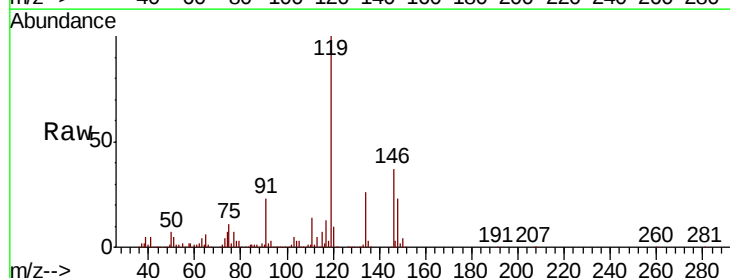
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#86
 p-Isopropyltoluene
 Concen: 50.828 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	39.0
91	23.0	11.7	35.1





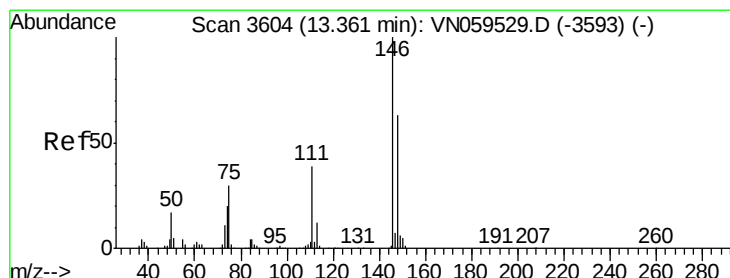
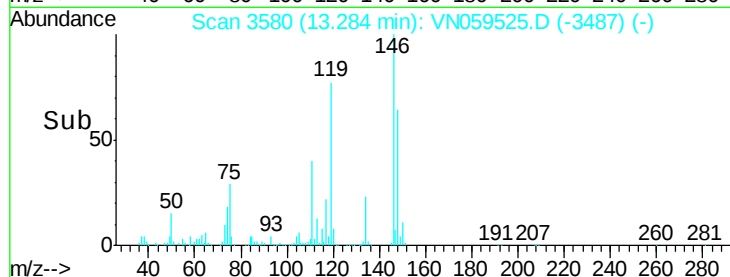
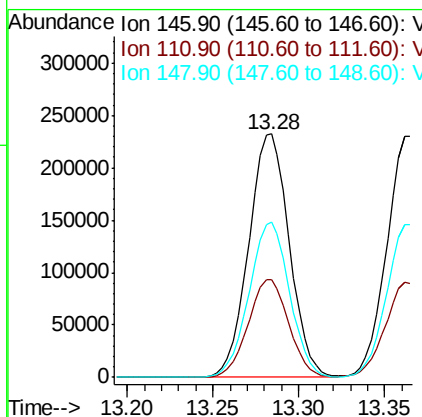
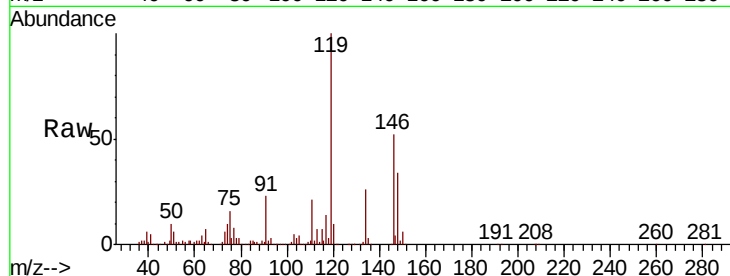
#87
 1,3-Dichlorobenzene
 Concen: 48.499 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.8
148	63.6	32.0	96.0

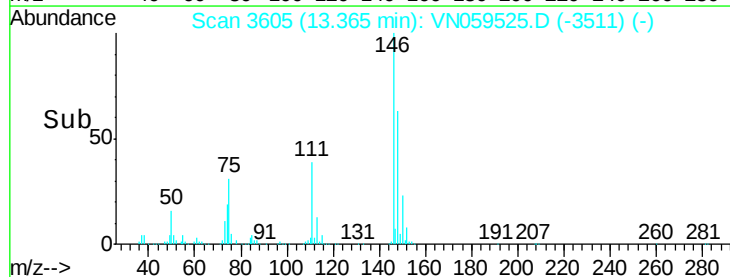
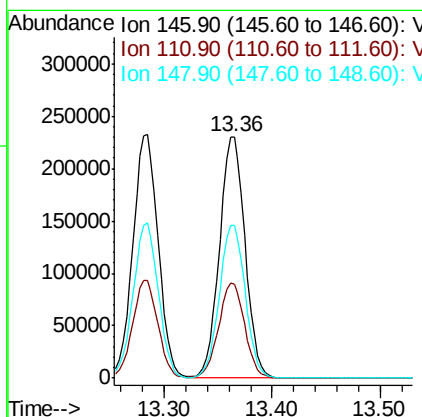
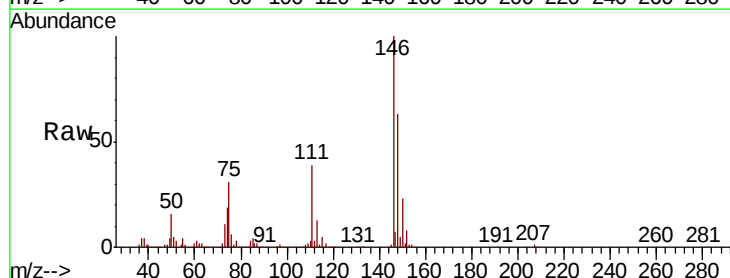
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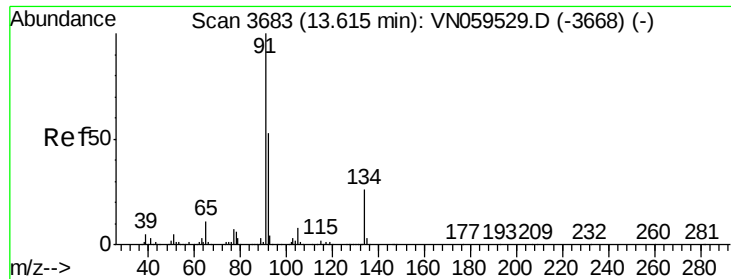
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#88
 1,4-Dichlorobenzene
 Concen: 49.625 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	59.9
148	64.1	31.9	95.7





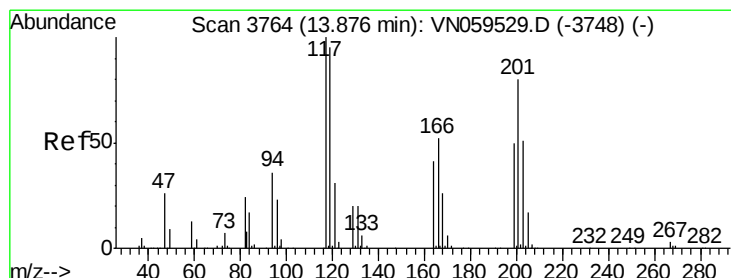
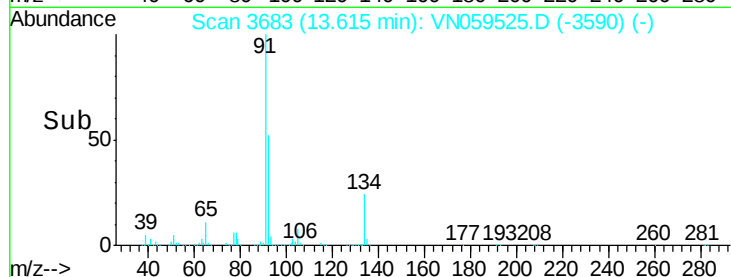
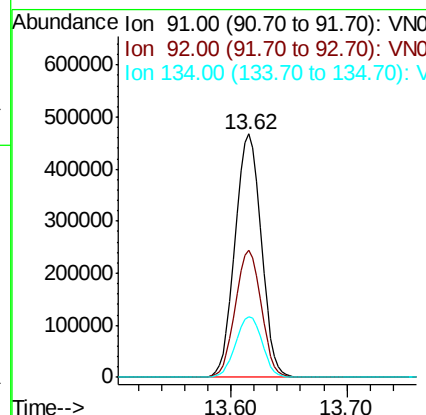
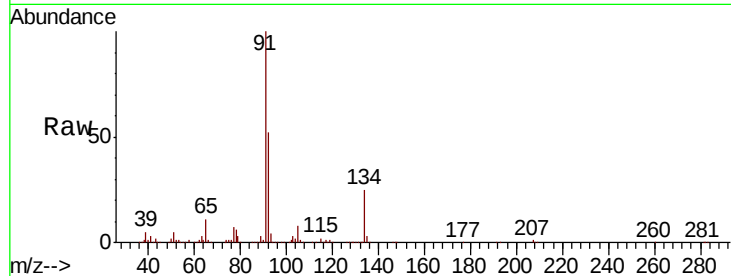
#89
n-Butylbenzene
Concen: 51.711 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.3	78.9
134	25.2	12.8	38.4

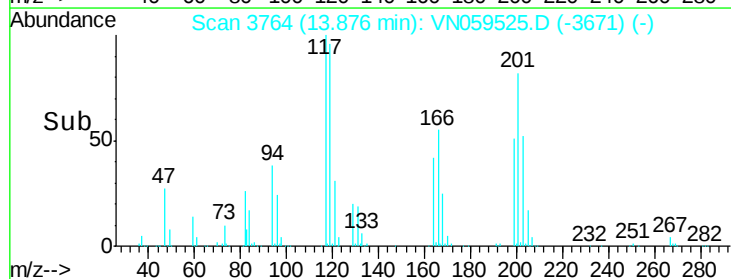
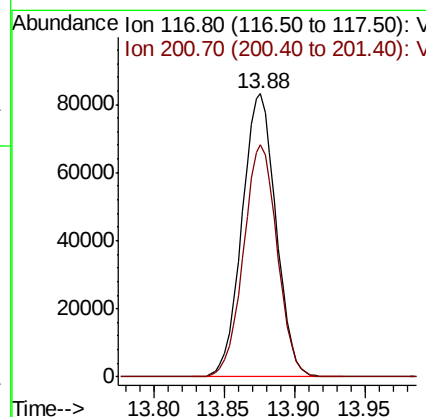
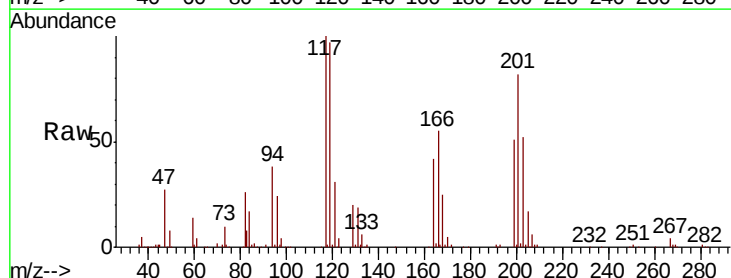
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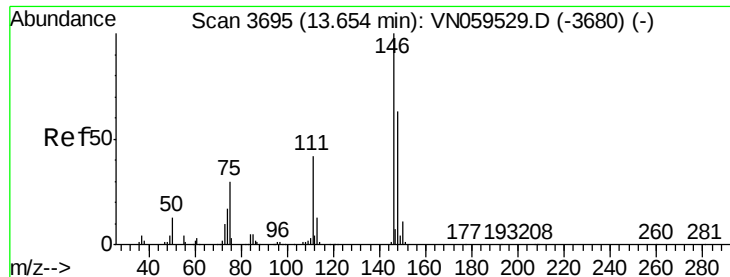
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#90
Hexachloroethane
Concen: 50.913 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.4	40.5	121.5





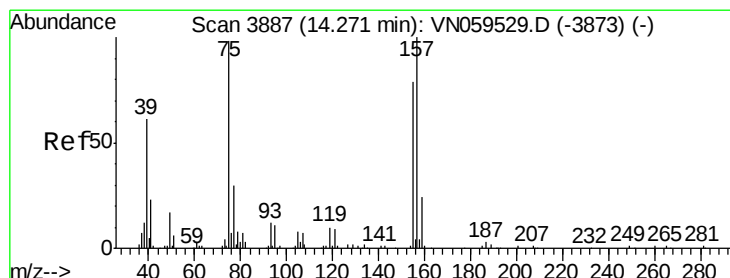
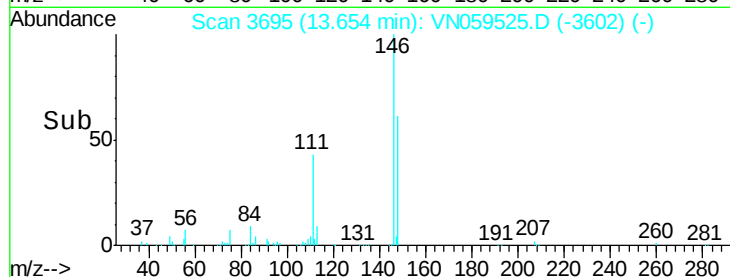
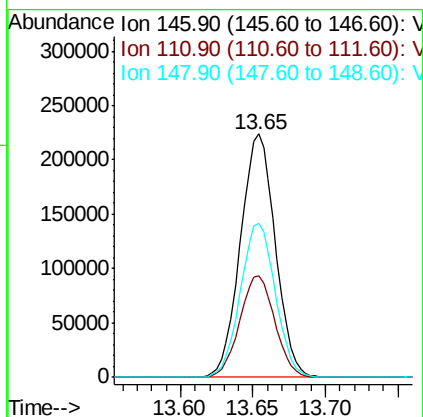
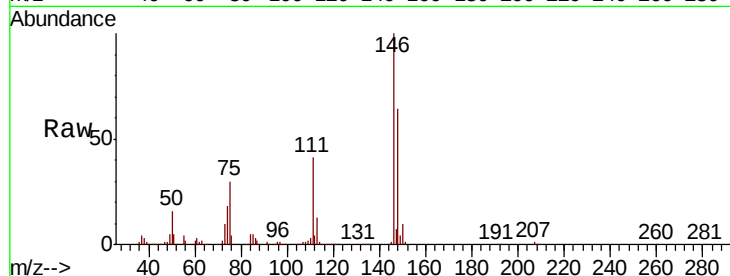
#91
 1,2-Dichlorobenzene
 Concen: 51.120 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.7
148	63.4	31.6	94.8

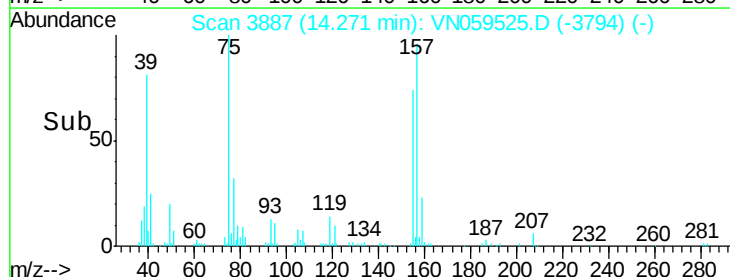
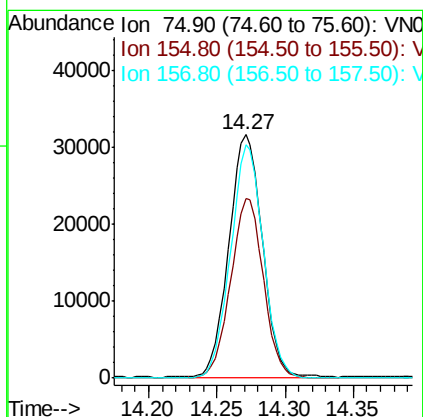
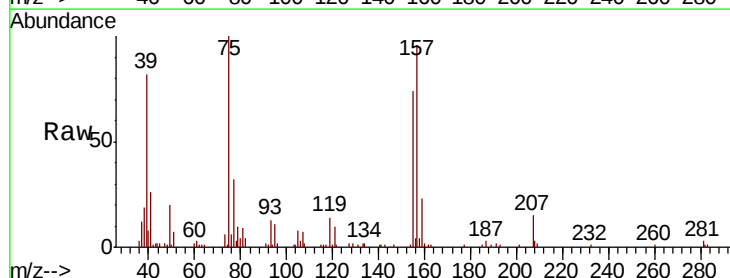
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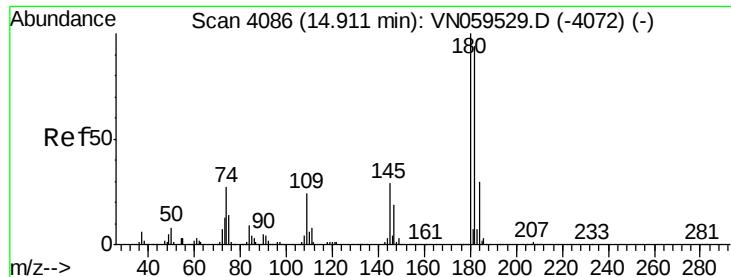
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.520 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	40.4	121.1
157	92.4	51.1	153.3





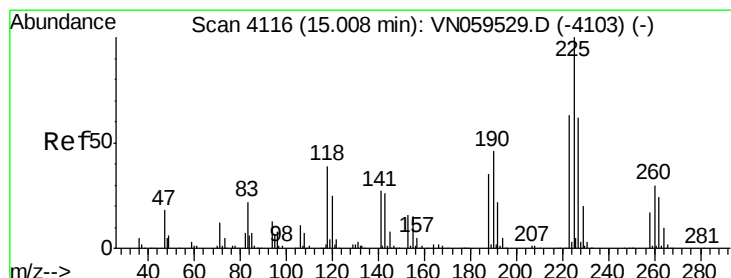
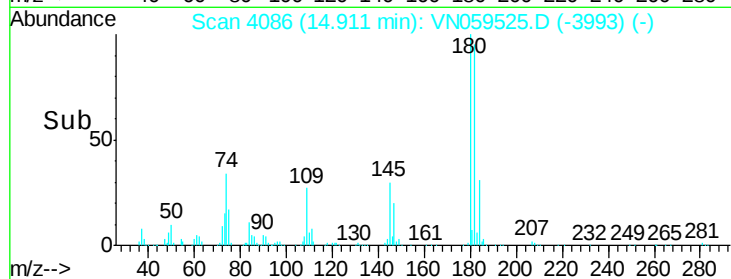
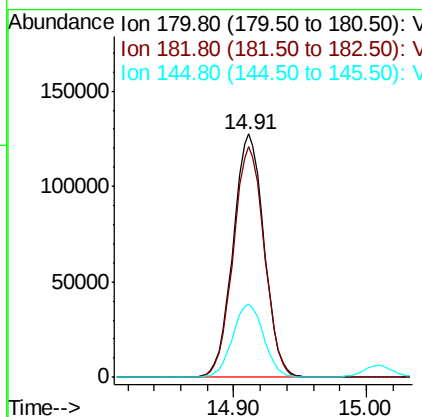
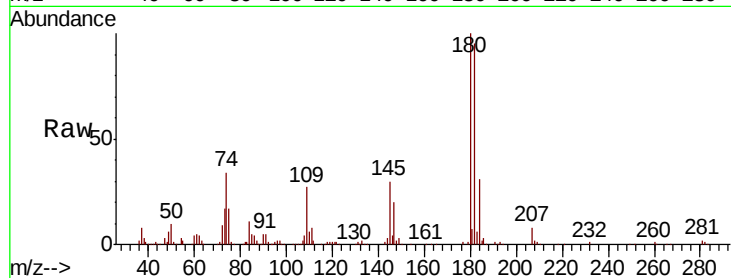
#93
 1,2,4-Trichlorobenzene
 Concen: 40.636 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	206363		
182	95.0	47.3	142.0	
145	30.4	14.9	44.7	

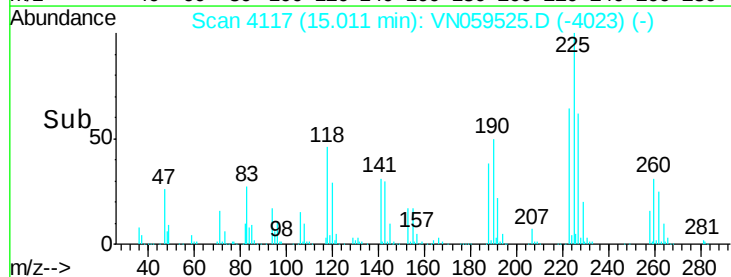
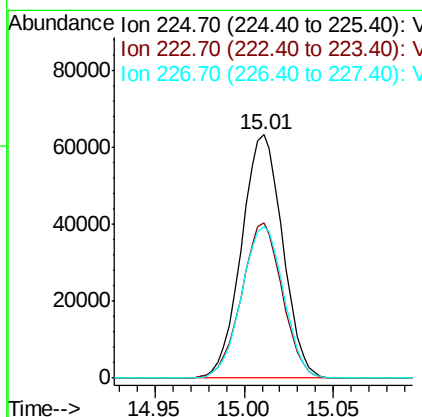
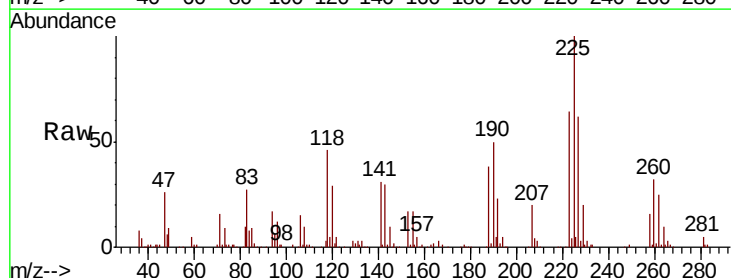
Manual Integrations
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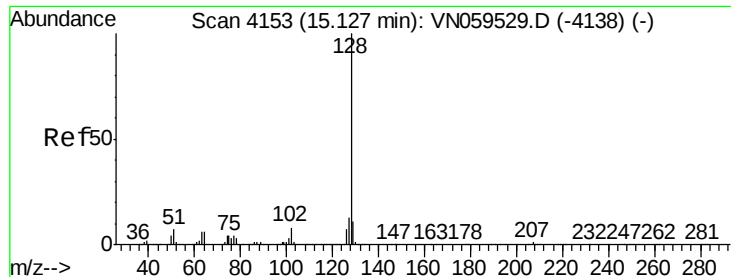
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#94
 Hexachlorobutadiene
 Concen: 39.371 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059525.D
 Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102145		
223	63.1	31.3	93.9	
227	63.7	31.6	95.0	





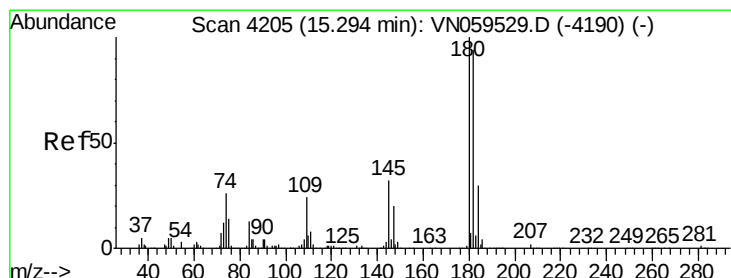
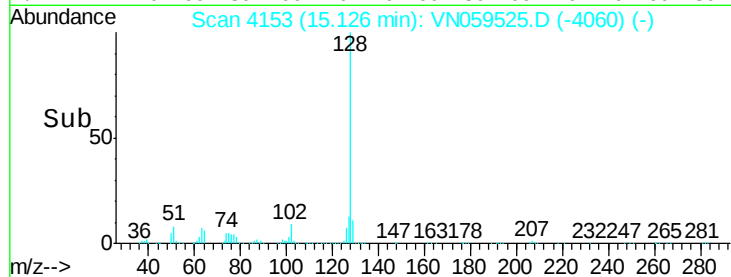
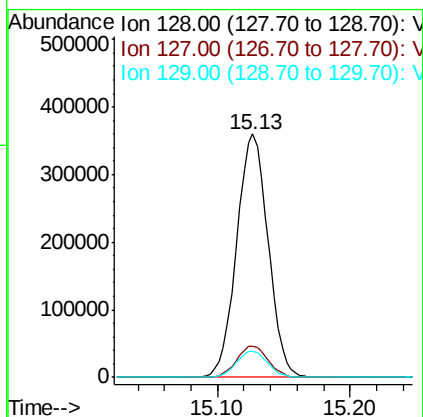
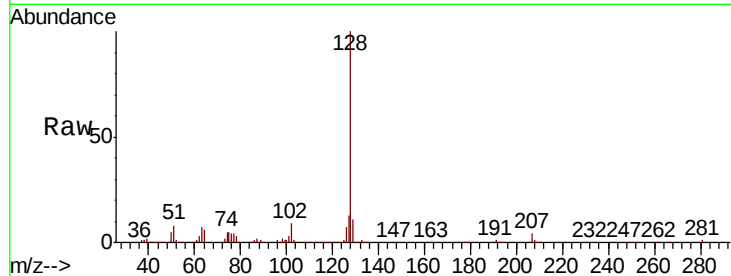
#95
Naphthalene
Concen: 39.919 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	592592		
127	13.0		10.2	15.4
129	10.7		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 40.886 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059525.D
Acq: 9 Dec 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199963		
182	95.5		47.1	141.4
145	32.8		15.8	47.4

