

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
 Data File : VN060393.D
 Acq On : 9 Mar 2020 11:14
 Operator : JC/MD
 Sample : VN0309WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/10/2020 10:46:00 AM

Quant Time: Mar 09 16:40:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	335960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	311928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	127614	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	7.56	113	95951	61.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.06%	
50) Toluene-d8	10.08	98	371860	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
62) 4-Bromofluorobenzene	12.40	95	139846	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32125	16.93	ug/l	99
3) Chloromethane	2.04	50	56240	17.02	ug/l	98
4) Vinyl Chloride	2.16	62	46673	16.47	ug/l	98
5) Bromomethane	2.55	94	19034	15.00	ug/l	99
6) Chloroethane	2.68	64	26026	16.95	ug/l	94
7) Trichlorofluoromethane	3.00	101	63261	17.47	ug/l	97
8) Diethyl Ether	3.38	74	25302	18.51	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37766	18.43	ug/l	100
10) Methyl Iodide	3.93	142	31345	16.76	ug/l	99
11) Tert butyl alcohol	4.73	59	38391	97.34	ug/l	98
12) 1,1-Dichloroethene	3.71	96	36812	18.46	ug/l	99
13) Acrolein	3.58	56	30322	82.41	ug/l	99
14) Allyl chloride	4.29	41	67998	18.54	ug/l	97
15) Acrylonitrile	4.94	53	100581	96.76	ug/l	99
16) Acetone	3.78	43	79950	93.21	ug/l	99
17) Carbon Disulfide	4.03	76	90037	16.59	ug/l	99
18) Methyl Acetate	4.29	43	52288	18.27	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	136121	18.85	ug/l	99
20) Methylene Chloride	4.52	84	42245	17.93	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	38837	17.90	ug/l	98
22) Diisopropyl ether	5.91	45	145715	19.62	ug/l	96
23) Vinyl Acetate	5.86	43	568405	96.30	ug/l	99
24) 1,1-Dichloroethane	5.82	63	80984	19.26	ug/l	100
25) 2-Butanone	6.80	43	134593	97.15	ug/l	98
26) 2,2-Dichloropropane	6.79	77	72303	18.89	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	47581	17.42	ug/l	98
28) Bromochloromethane	7.17	49	33153	19.20	ug/l	96
29) Tetrahydrofuran	7.18	42	91174	94.64	ug/l	100
30) Chloroform	7.35	83	80879	19.32	ug/l	100
31) Cyclohexane	7.63	56	70532	18.82	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	70086	18.90	ug/l	100
36) 1,1-Dichloropropene	7.77	75	58416	18.24	ug/l	99
37) Ethyl Acetate	6.89	43	59542	19.64	ug/l	99
38) Carbon Tetrachloride	7.75	117	57350	18.40	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	66324	17.57	ug/l	99
40) Benzene	8.02	78	175259	18.81	ug/l	98
41) Methacrylonitrile	7.15	41	25570m	18.27	ug/l	
42) 1,2-Dichloroethane	8.10	62	64494	19.18	ug/l	99
43) Isopropyl Acetate	8.14	43	102802	19.37	ug/l	99
44) Trichloroethene	8.82	130	48067	18.52	ug/l	100
45) 1,2-Dichloropropane	9.10	63	47928	19.67	ug/l	97
46) Dibromomethane	9.19	93	29410	18.60	ug/l	98
47) Bromodichloromethane	9.38	83	62193	19.34	ug/l	99
48) Methyl methacrylate	9.18	41	44722	18.48	ug/l	97
49) 1,4-Dioxane	9.18	88	14201	417.23	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	294473	97.85	ug/l	100
52) Toluene	10.14	92	107184	18.31	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	72589	18.42	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	78778	19.30	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	44298	18.82	ug/l	98
56) Ethyl methacrylate	10.42	69	63898	18.89	ug/l	97
57) 1,3-Dichloropropane	10.70	76	75263	19.60	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	165470	93.55	ug/l	98
59) 2-Hexanone	10.74	43	210974	95.48	ug/l	100
60) Dibromochloromethane	10.89	129	46117	19.26	ug/l	100
61) 1,2-Dibromoethane	10.99	107	43035	18.75	ug/l	98
64) Tetrachloroethene	10.62	164	51160	19.98	ug/l	98
65) Chlorobenzene	11.43	112	114603	18.19	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.50	131	44095	18.93	ug/l	99
67) Ethyl Benzene	11.50	91	211521	18.44	ug/l	99
68) m/p-Xylenes	11.62	106	156035	36.06	ug/l	99
69) o-Xylene	11.94	106	75079	18.19	ug/l	100
70) Styrene	11.96	104	119548	17.62	ug/l	98
71) Bromoform	12.12	173	31000	18.47	ug/l #	100
73) Isopropylbenzene	12.24	105	204900	18.80	ug/l	99
74) N-amyl acetate	12.06	43	87000	18.27	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	57611	19.45	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	55368m	17.17	ug/l	
77) Bromobenzene	12.52	156	48501	18.16	ug/l	97
78) n-propylbenzene	12.59	91	236392	18.51	ug/l	99
79) 2-Chlorotoluene	12.67	91	140903	18.77	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	173124	18.87	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	21909	18.75	ug/l #	85
82) 4-Chlorotoluene	12.77	91	144633	18.28	ug/l	98
83) tert-Butylbenzene	12.99	119	144343	18.17	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	171167	18.48	ug/l	100
85) sec-Butylbenzene	13.17	105	196113	18.44	ug/l	100
86) p-Isopropyltoluene	13.28	119	176091	17.89	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	87421	18.93	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	85899	18.61	ug/l	99
89) n-Butylbenzene	13.61	91	156604	17.33	ug/l	100
90) Hexachloroethane	13.87	117	24041	16.87	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	83971	17.94	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12443	18.55	ug/l	95

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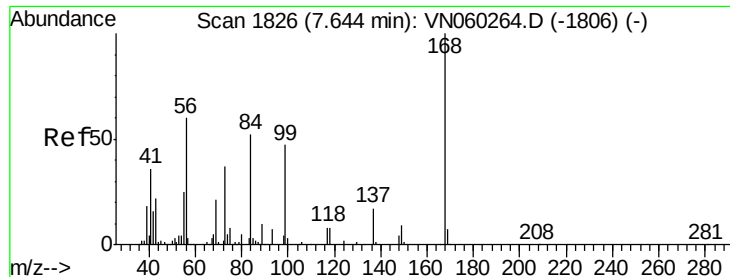
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	52647	17.76	ug/l	99
94) Hexachlorobutadiene	15.01	225	26650	19.14	ug/l	98
95) Naphthalene	15.13	128	151205	17.08	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	50193	17.80	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBS01

Tgt Ion: 168 Resp: 207012

Ion Ratio Lower Upper

168 100

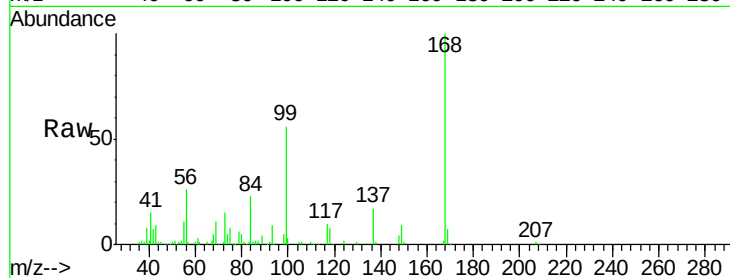
99 56.2 44.7 67.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

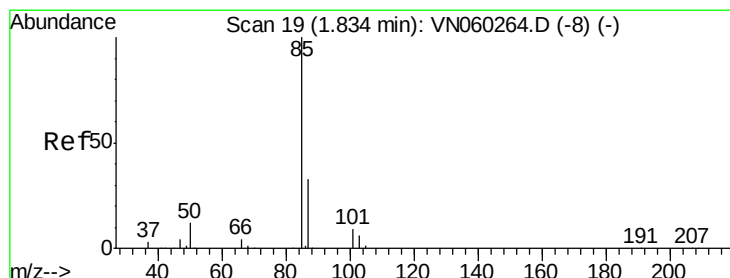
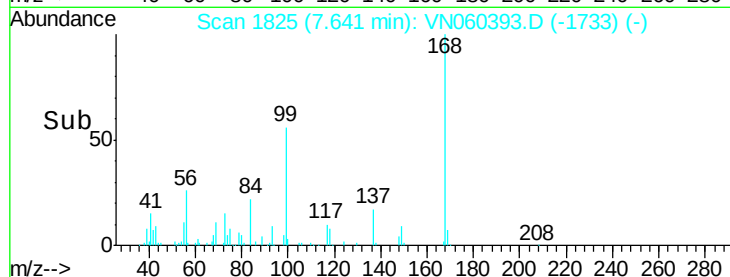
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.93 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060393.D

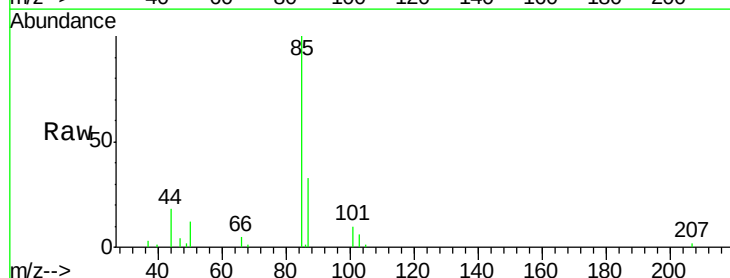
Acq: 9 Mar 2020 11:14

Tgt Ion: 85 Resp: 32125

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

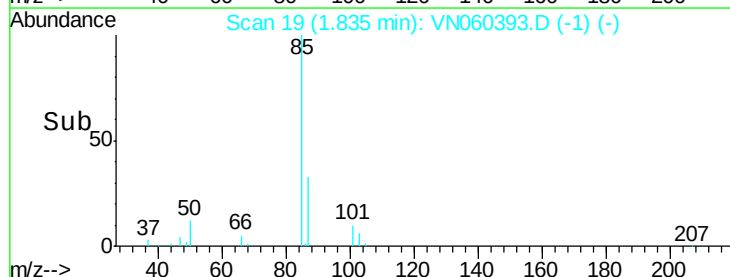
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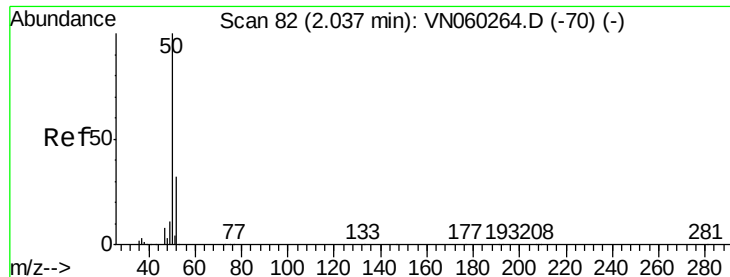
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.02 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

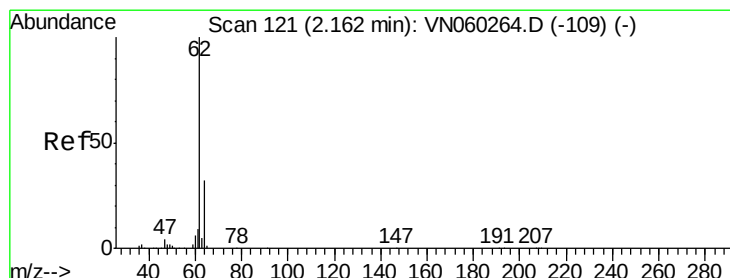
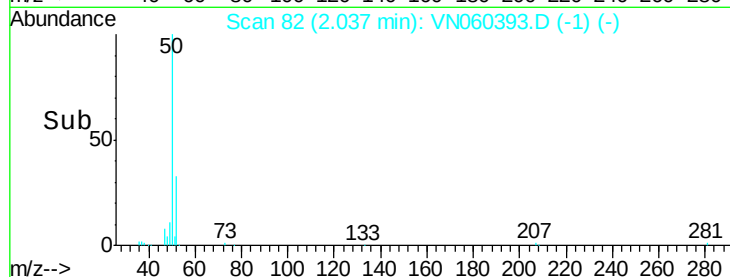
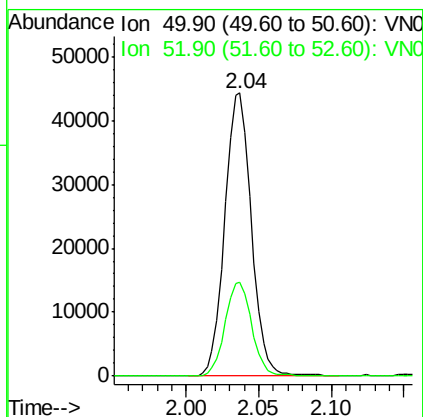
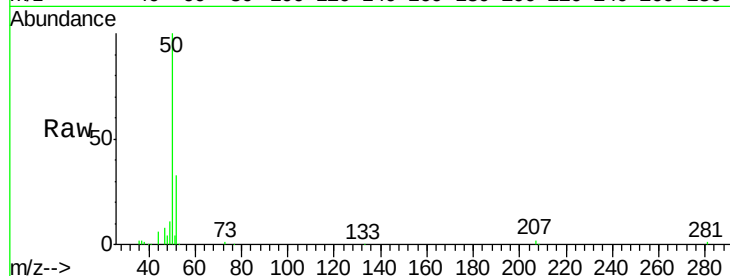
ClientSampleId :

VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
50	100		
52	33.2	25.6	38.4

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#4

Vinyl Chloride

Concen: 16.47 ug/l

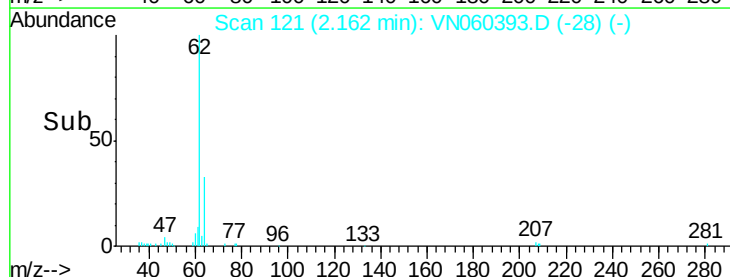
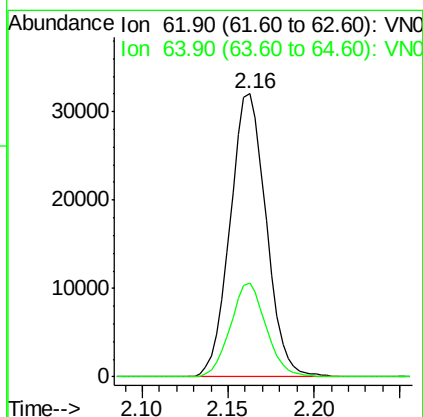
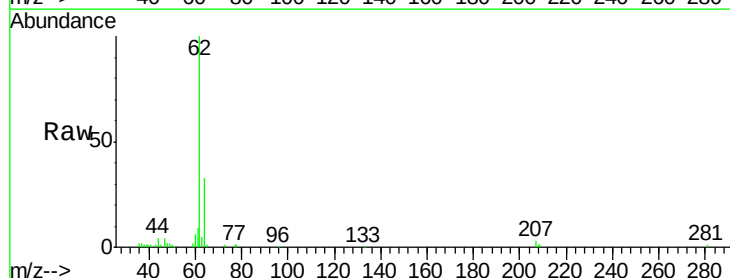
RT: 2.16 min Scan# 121

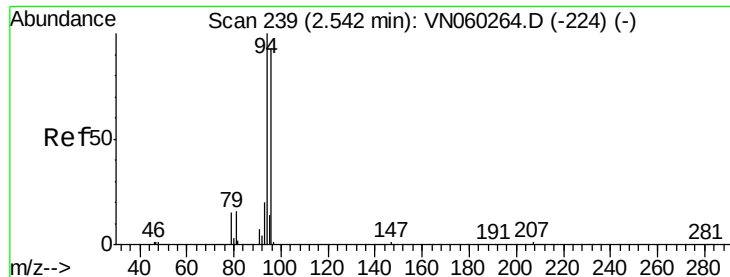
Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.1	25.5	38.3





#5

Bromomethane

Concen: 15.00 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBS01

Tgt Ion: 94 Resp: 19034

Ion Ratio Lower Upper

94 100

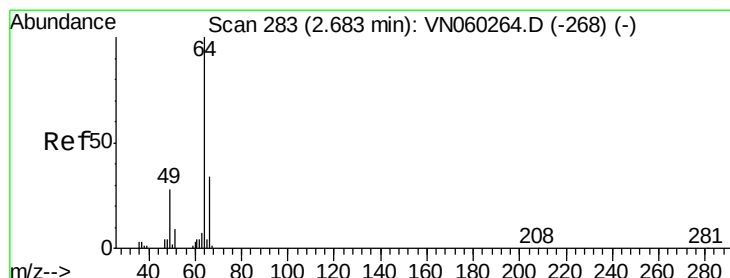
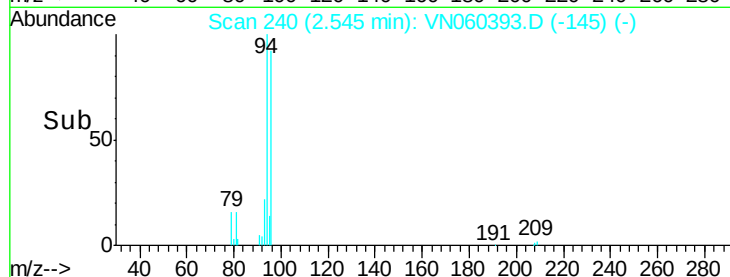
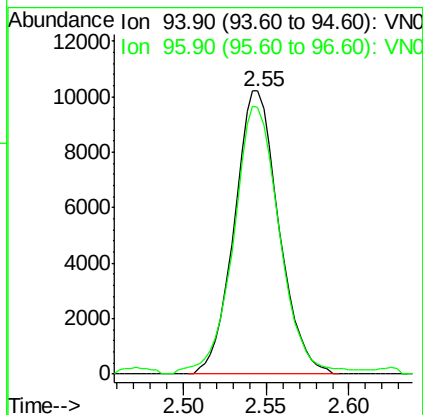
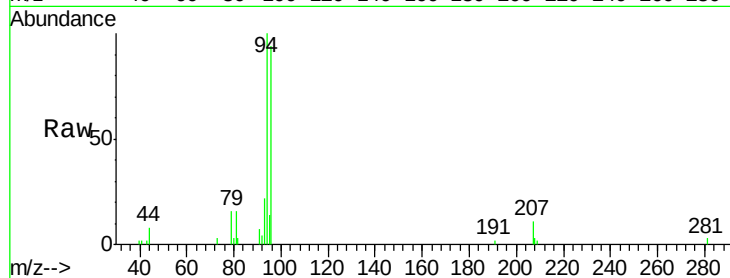
96 92.1 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 16.95 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060393.D

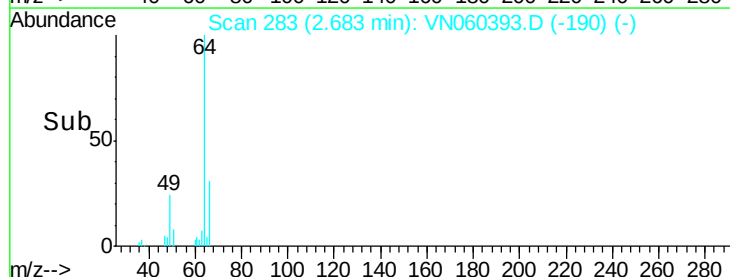
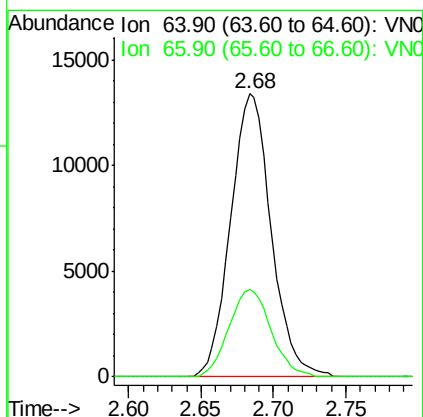
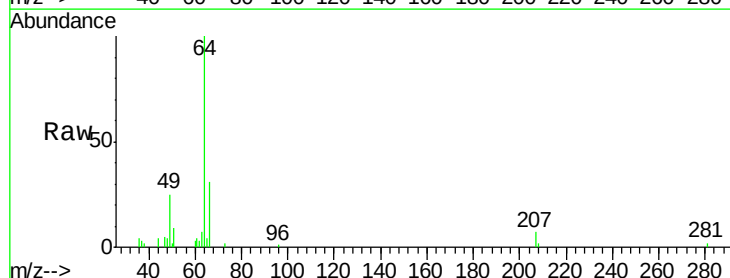
Acq: 9 Mar 2020 11:14

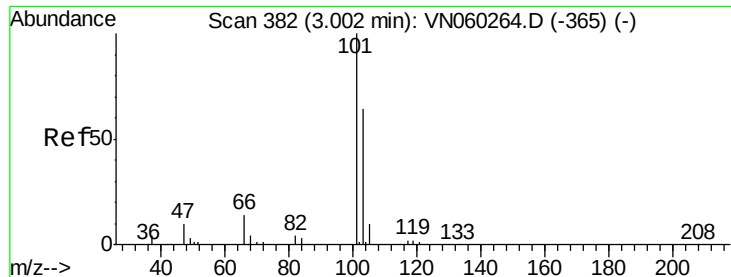
Tgt Ion: 64 Resp: 26026

Ion Ratio Lower Upper

64 100

66 31.1 27.4 41.2





#7

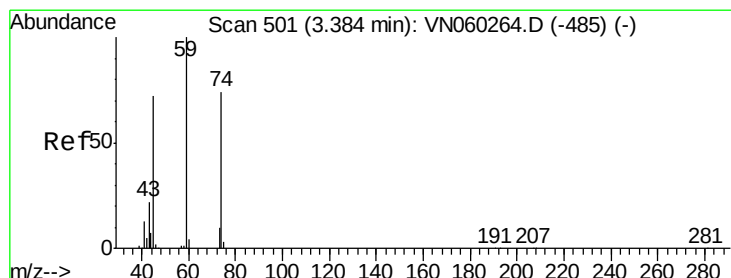
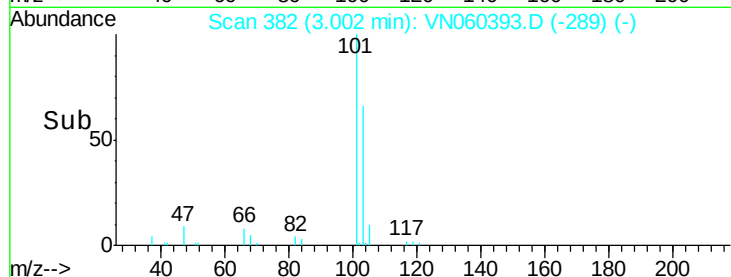
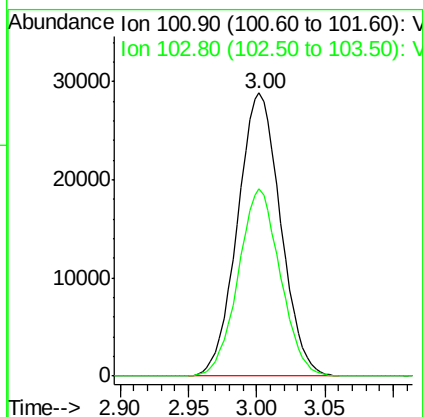
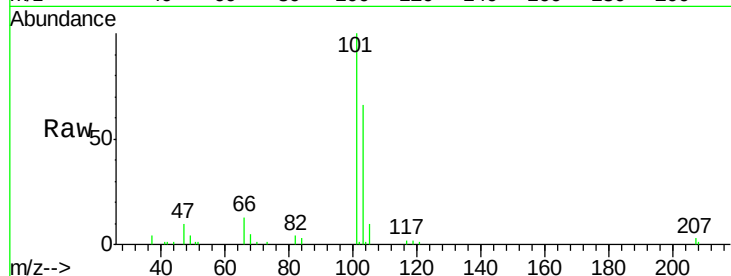
Trichlorofluoromethane
Concen: 17.47 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.3	76.9

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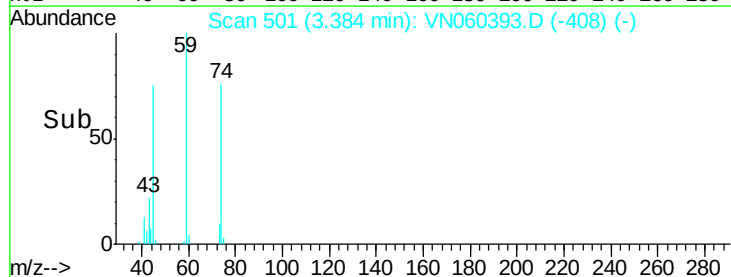
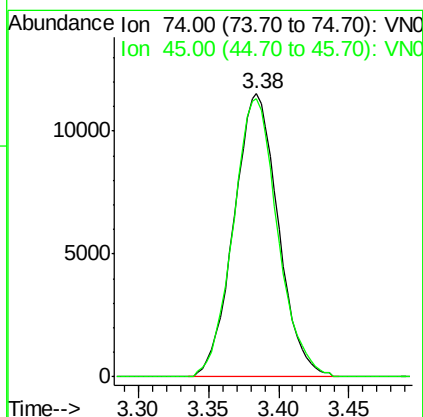
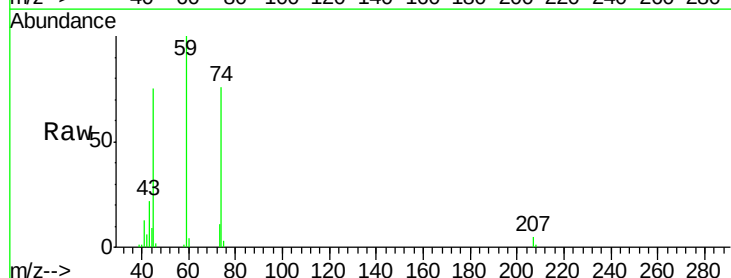
MMDadoda
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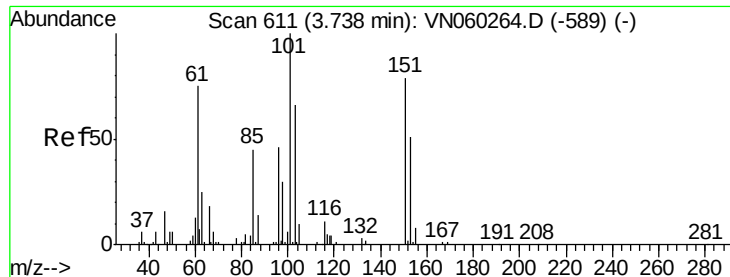


#8

Diethyl Ether
Concen: 18.51 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.43 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

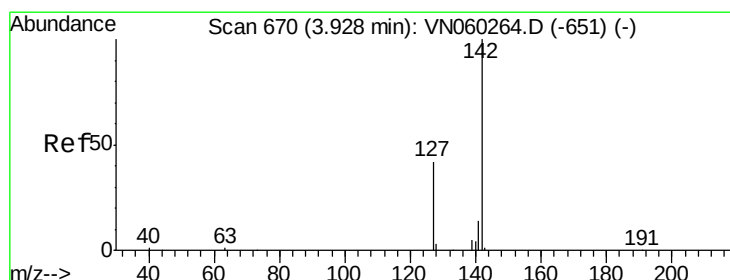
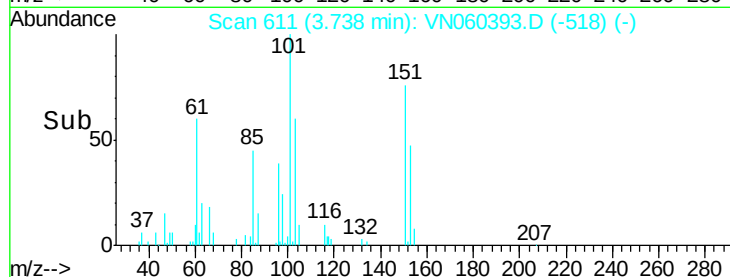
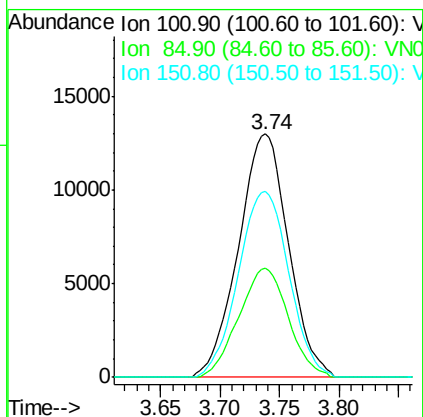
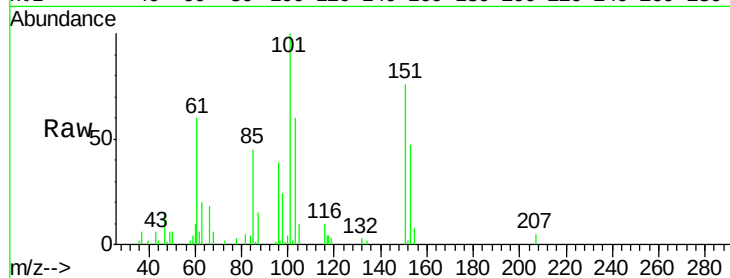
ClientSampleId :

VN0309WBS01

Tgt Ion:	101	Resp:	37766
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.4	53.2
151	77.4	62.0	93.0

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#10

Methyl Iodide

Concen: 16.76 ug/l

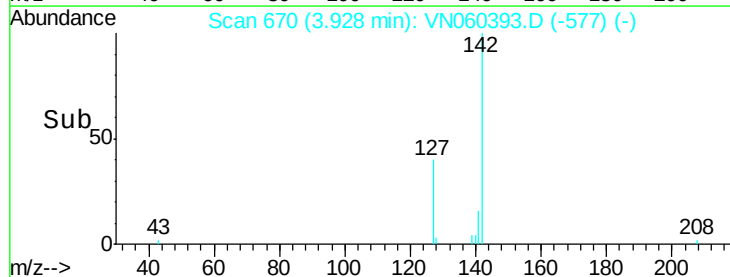
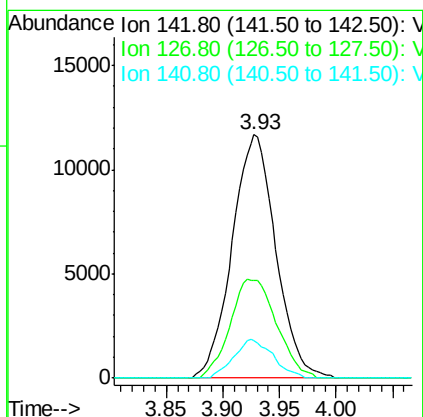
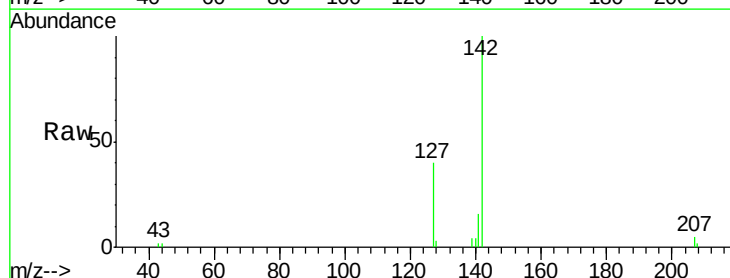
RT: 3.93 min Scan# 670

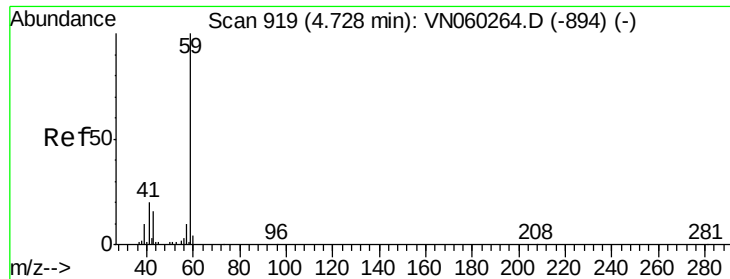
Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Tgt Ion:	142	Resp:	31345
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.8	50.6
141	14.3	11.1	16.7





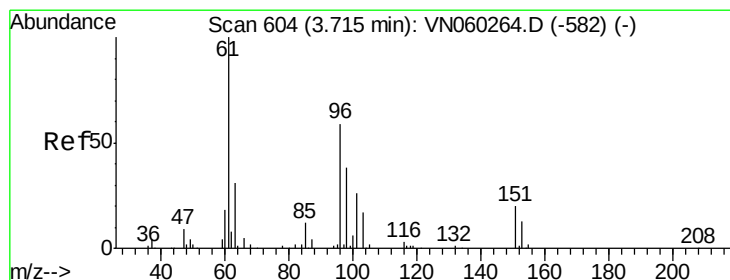
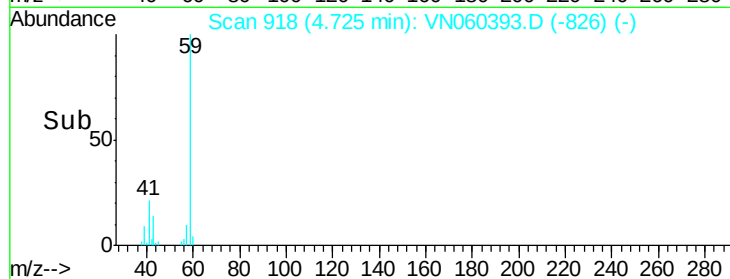
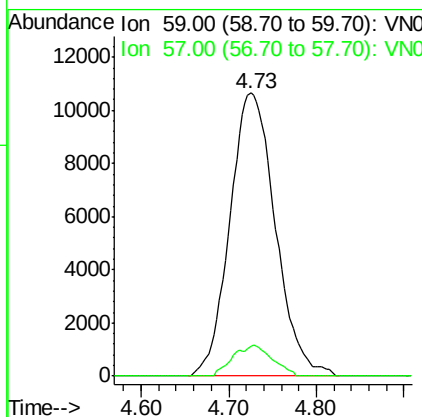
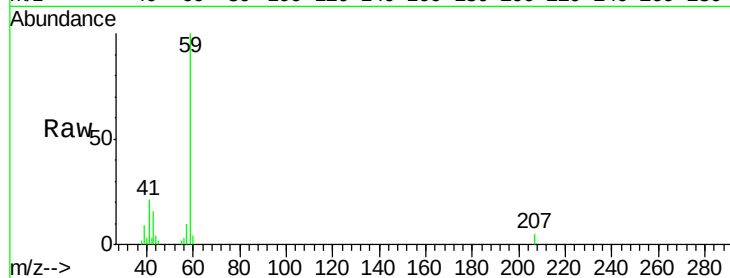
#11
Tert butyl alcohol
Concen: 97.34 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	38391		
57	9.4		8.2	12.2

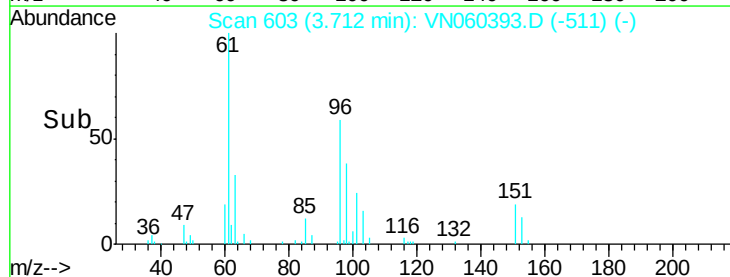
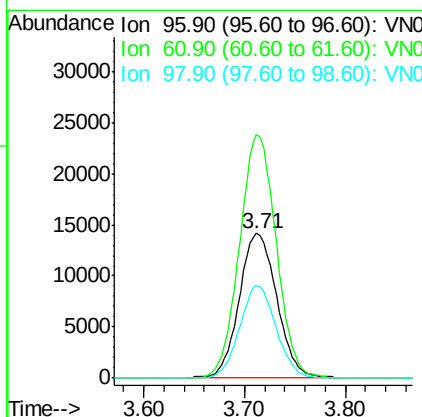
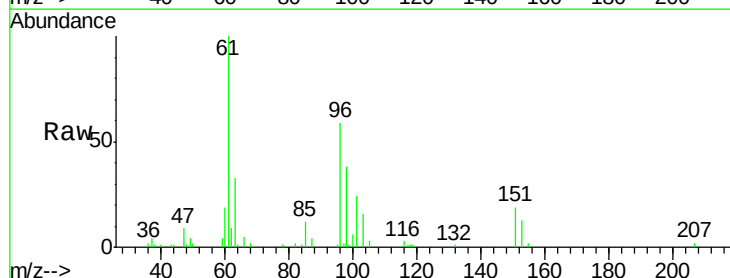
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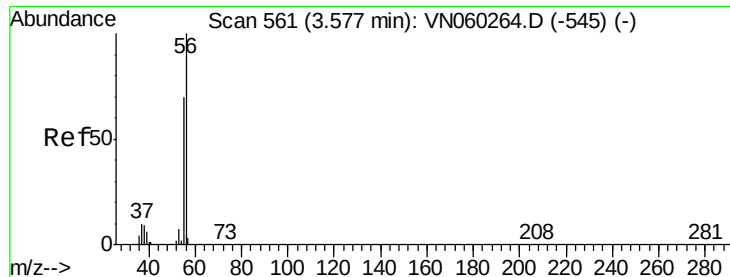
MMDadoda
3/10/2020 10:46:00 AM



#12
1,1-Dichloroethene
Concen: 18.46 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	36812		
61	168.3		135.4	203.0
98	64.3		51.6	77.4





#13

Acrolein

Concen: 82.41 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBS01

Tgt Ion: 56 Resp: 30322

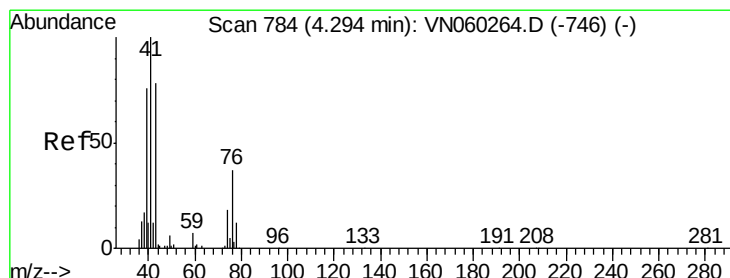
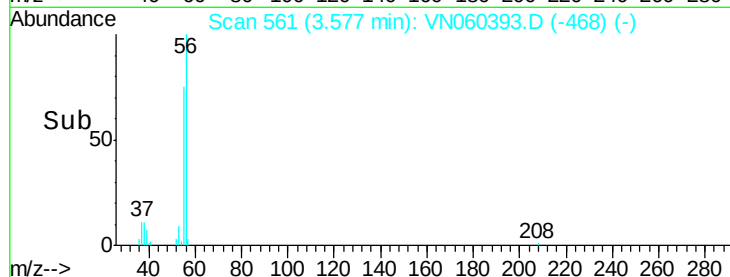
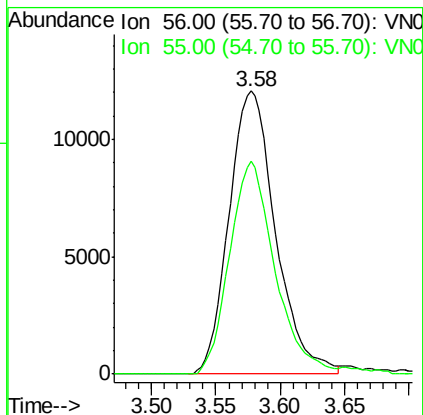
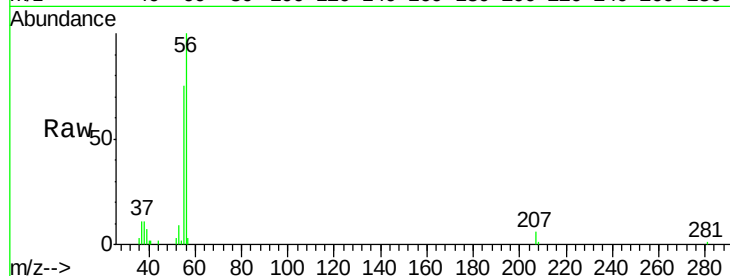
Ion Ratio Lower Upper

56 100

55 72.8 57.4 86.0

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#14

Allyl chloride

Concen: 18.54 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

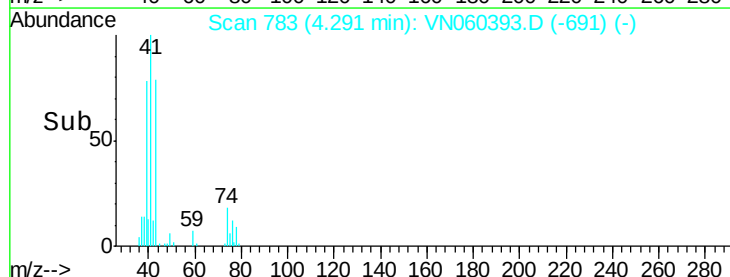
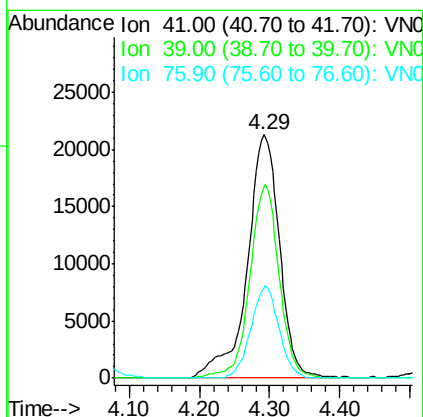
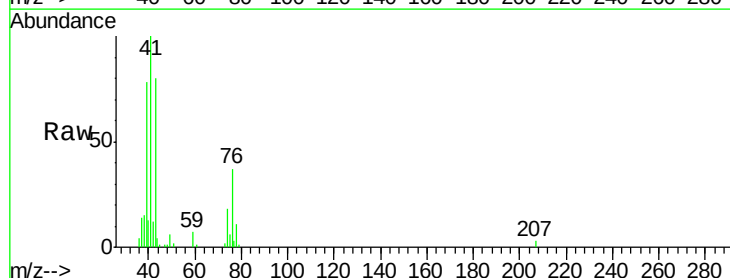
Tgt Ion: 41 Resp: 67998

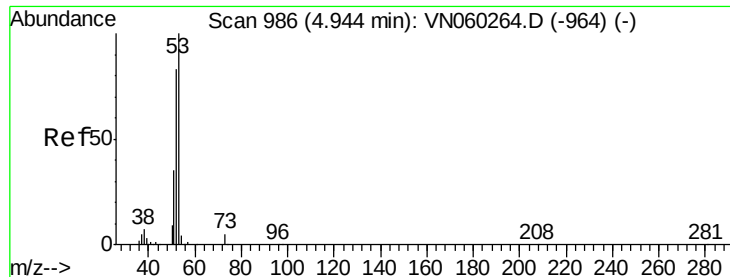
Ion Ratio Lower Upper

41 100

39 71.9 55.4 83.2

76 32.7 27.0 40.6





#15

Acrylonitrile

Concen: 96.76 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

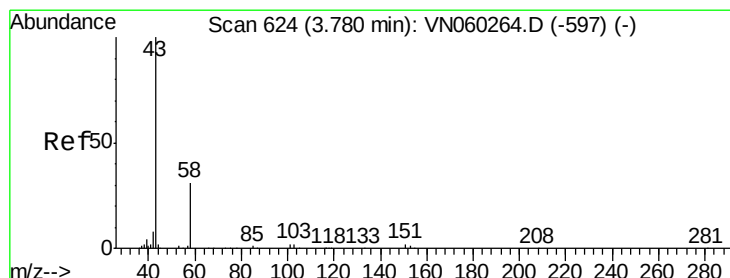
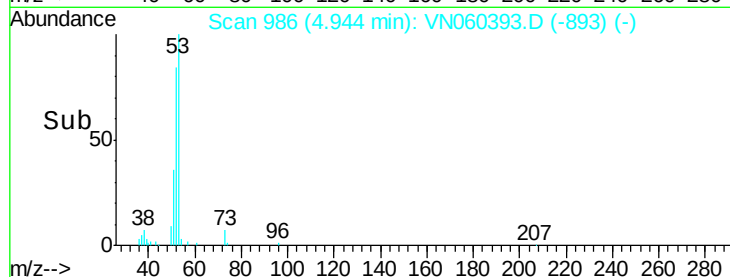
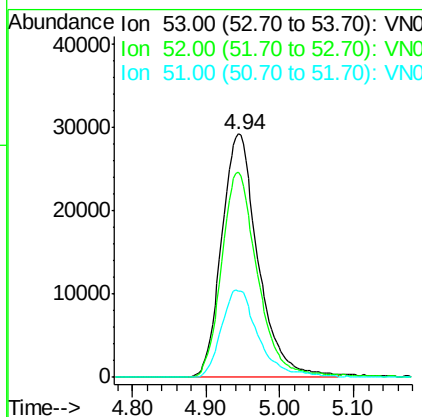
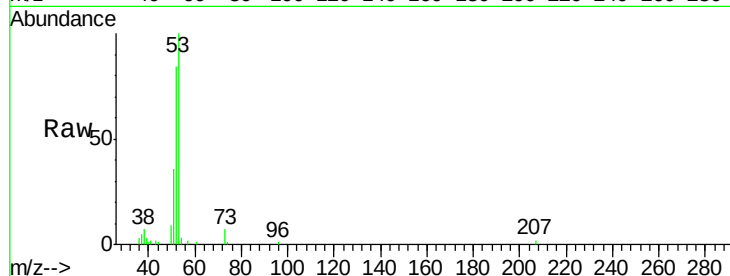
ClientSampleId :

VN0309WBS01

Tgt Ion:	53	Resp:	100581
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.8	100.2
51	35.4	29.0	43.6

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#16

Acetone

Concen: 93.21 ug/l

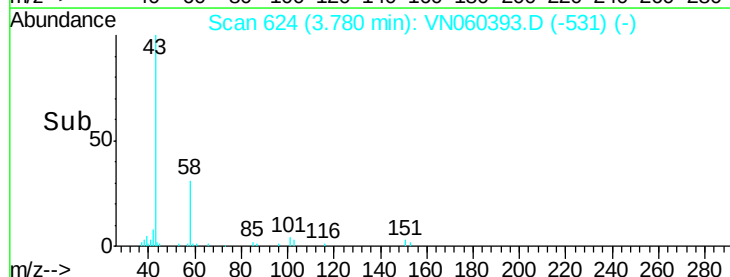
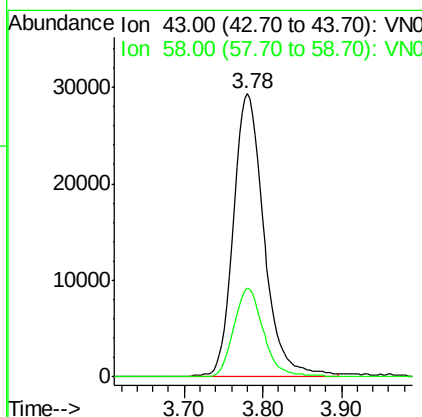
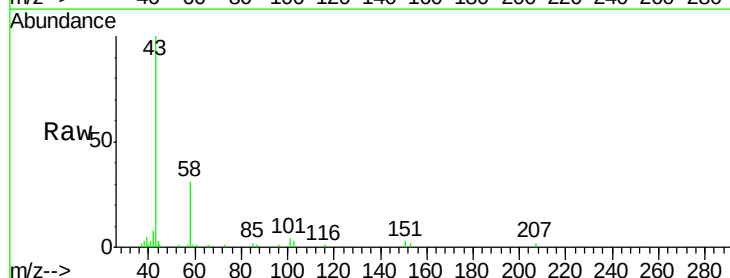
RT: 3.78 min Scan# 624

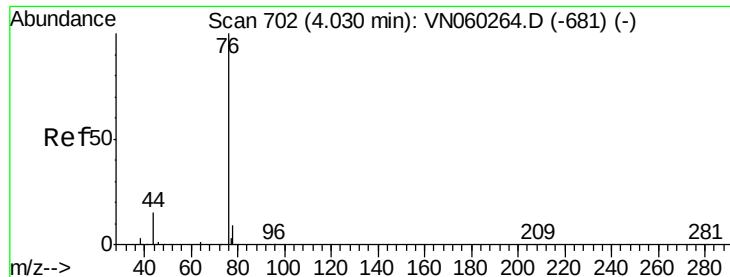
Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Tgt Ion:	43	Resp:	79950
Ion Ratio		Lower	Upper
43	100		
58	31.4	24.6	36.8





#17

Carbon Disulfide

Concen: 16.59 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBS01

Tgt Ion: 76 Resp: 90037

Ion Ratio Lower Upper

76 100

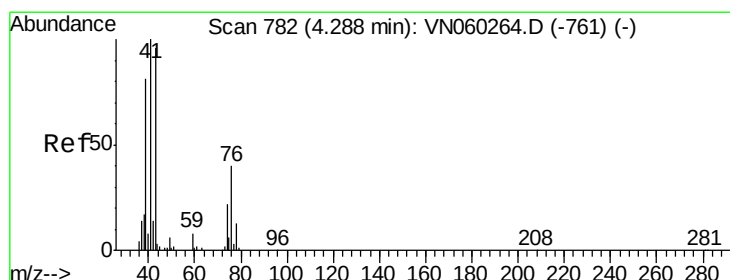
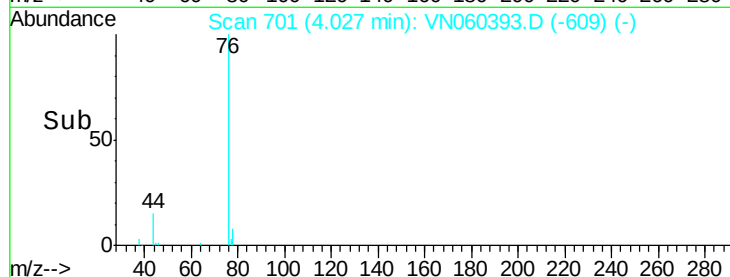
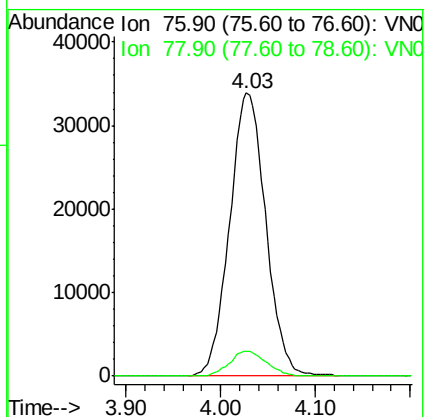
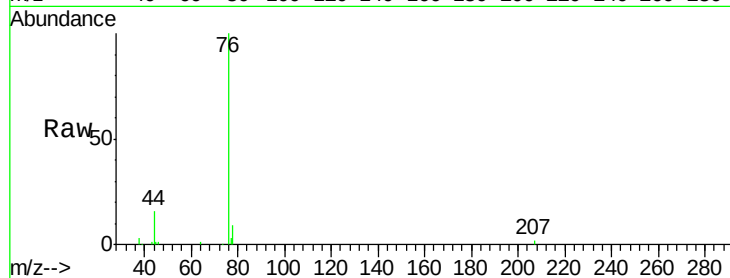
78 8.9 7.4 11.0

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#18

Methyl Acetate

Concen: 18.27 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN060393.D

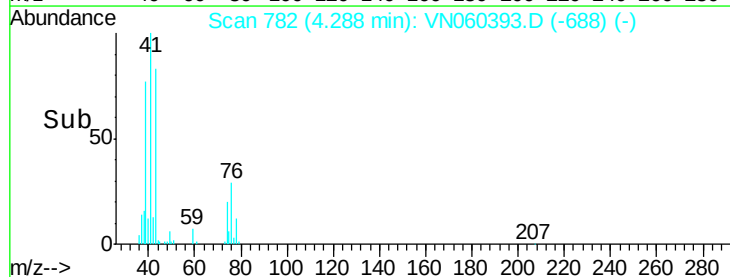
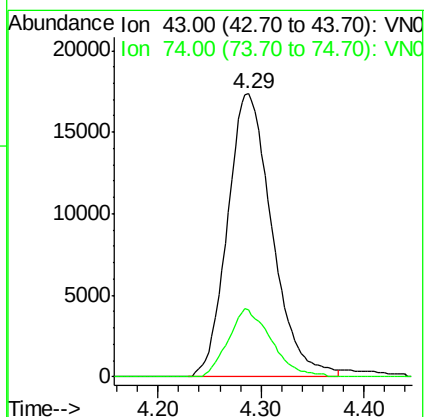
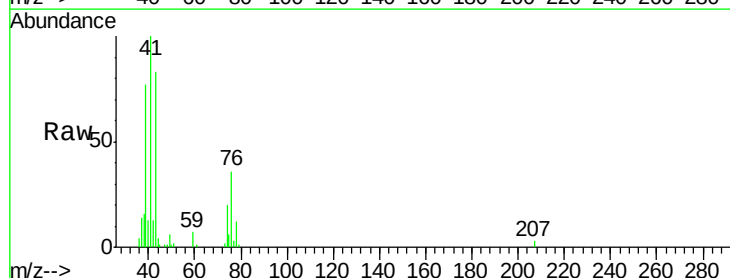
Acq: 9 Mar 2020 11:14

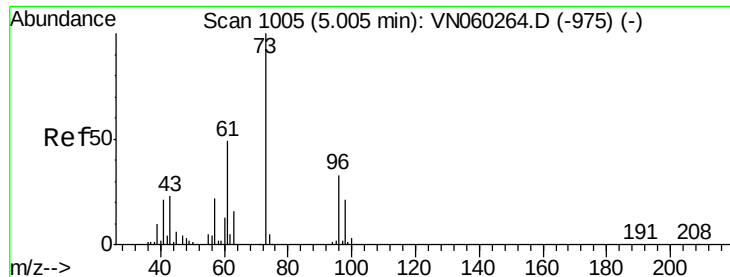
Tgt Ion: 43 Resp: 52288

Ion Ratio Lower Upper

43 100

74 23.3 18.8 28.2





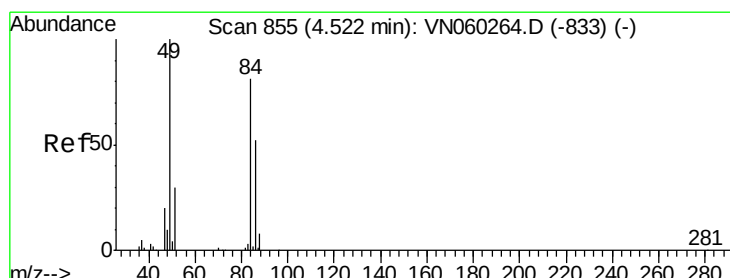
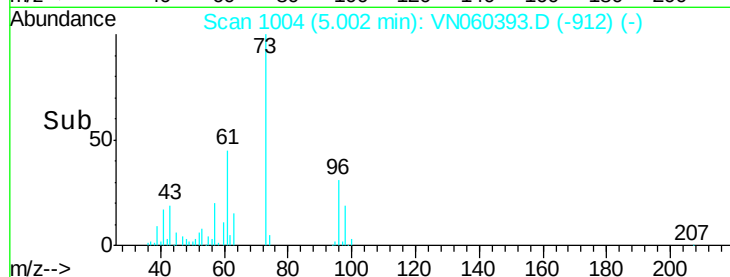
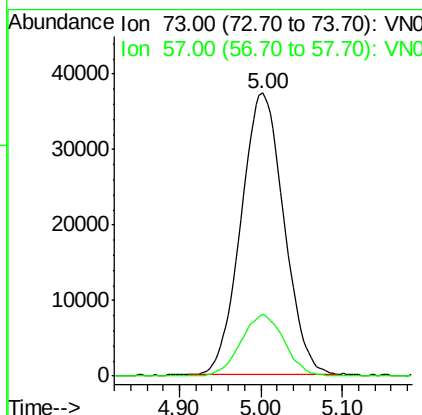
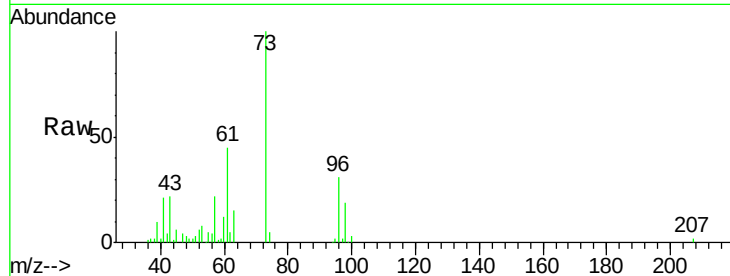
#19
Methyl tert-butyl Ether
Concen: 18.85 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion: 73 Resp: 136121
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

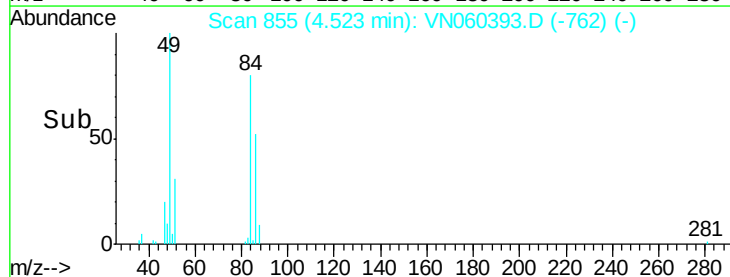
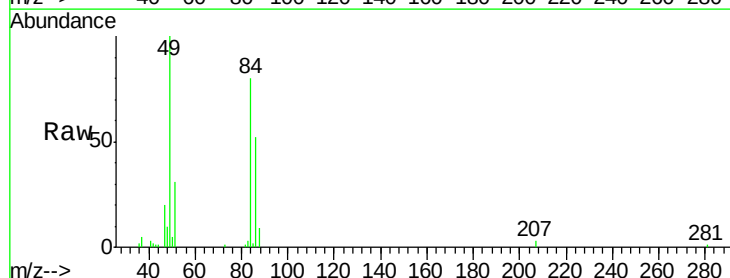
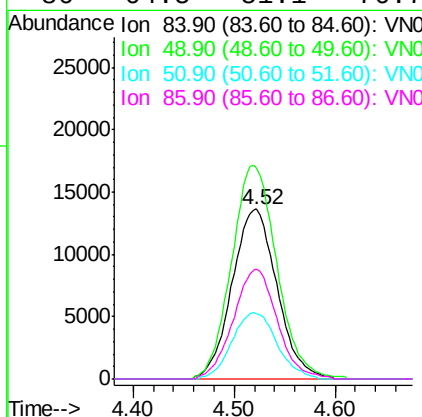
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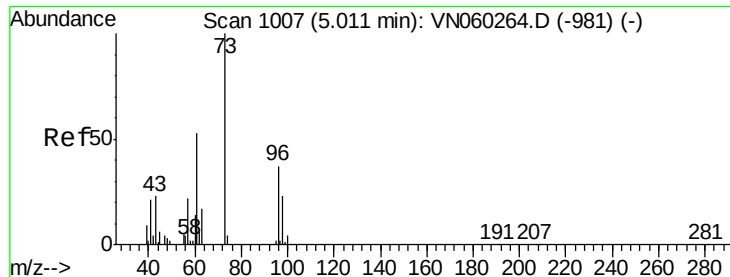
MMDadoda
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#20
Methylene Chloride
Concen: 17.93 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion: 84 Resp: 42245
Ion Ratio Lower Upper
84 100
49 124.4 99.3 148.9
51 38.3 30.1 45.1
86 64.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.90 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

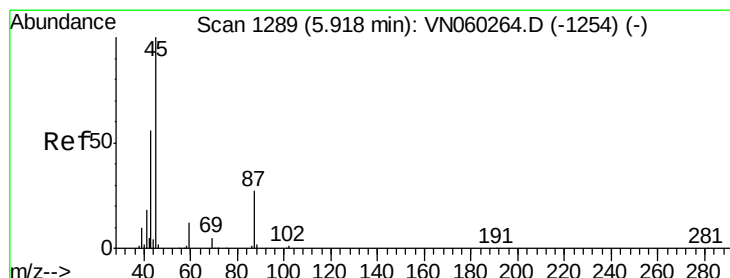
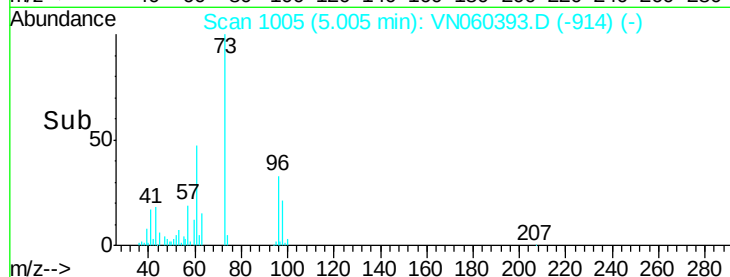
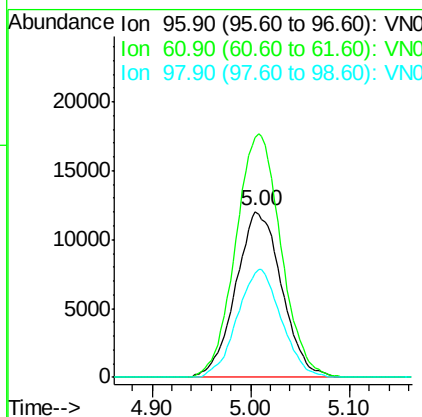
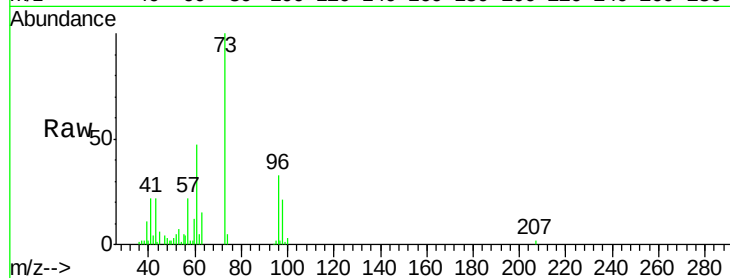
ClientSampleId :

VN0309WBS01

Tgt Ion:	96	Resp:	38837
Ion	Ratio	Lower	Upper
96	100		
61	144.4	113.8	170.8
98	63.0	48.8	73.2

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#22

Diisopropyl ether

Concen: 19.62 ug/l

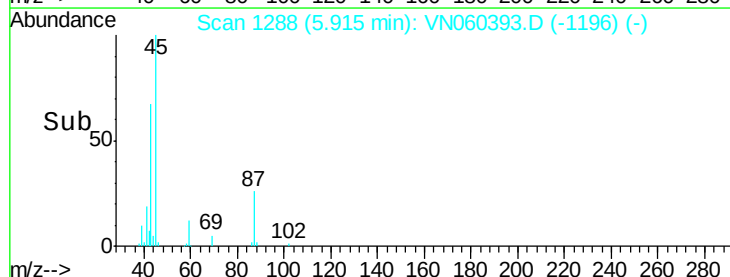
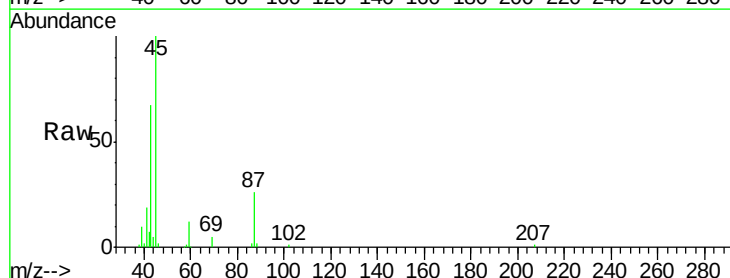
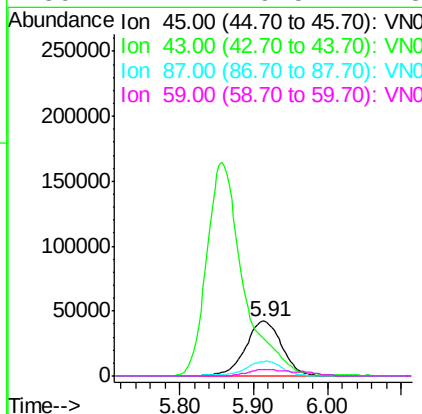
RT: 5.91 min Scan# 1288

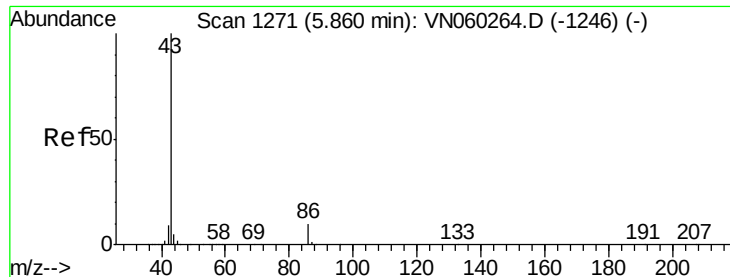
Delta R.T. -0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Tgt Ion:	45	Resp:	145715
Ion	Ratio	Lower	Upper
45	100		
43	65.3	48.6	72.8
87	26.4	22.2	33.2
59	12.2	9.5	14.3





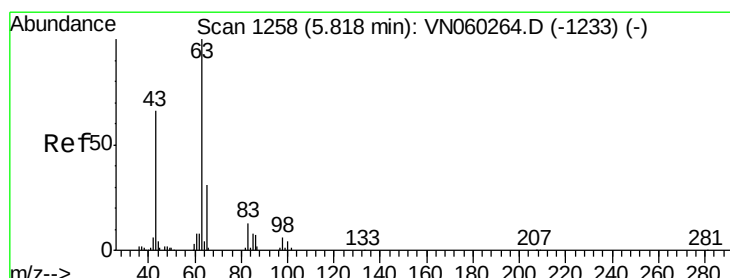
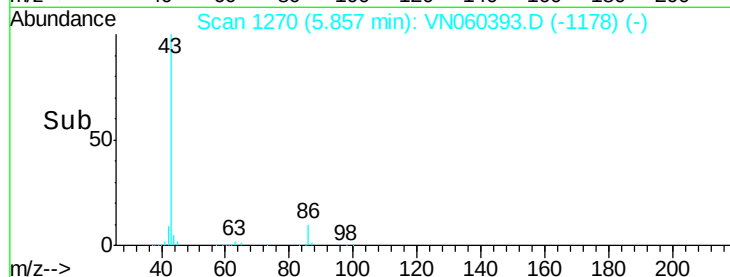
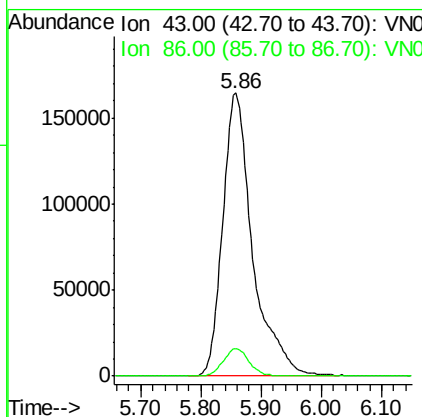
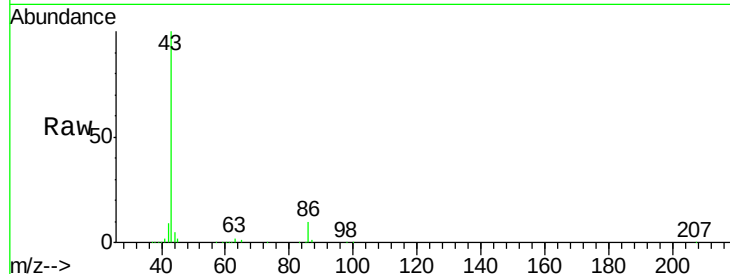
#23
 Vinyl Acetate
 Concen: 96.30 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	568405		
86	9.6	8.0	12.0	

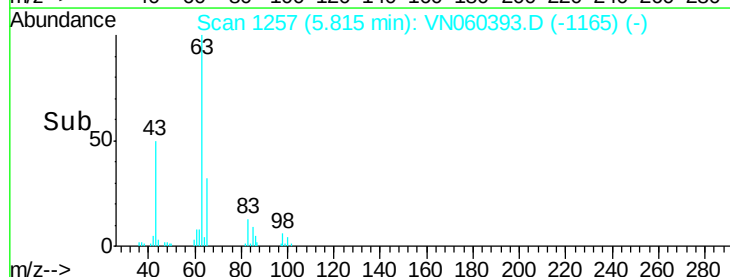
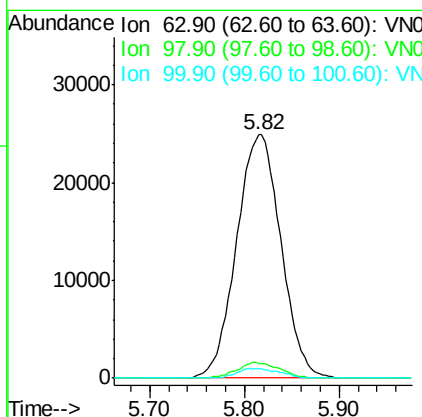
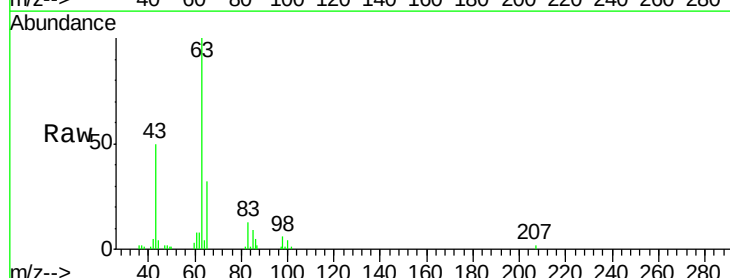
Manual Integrations
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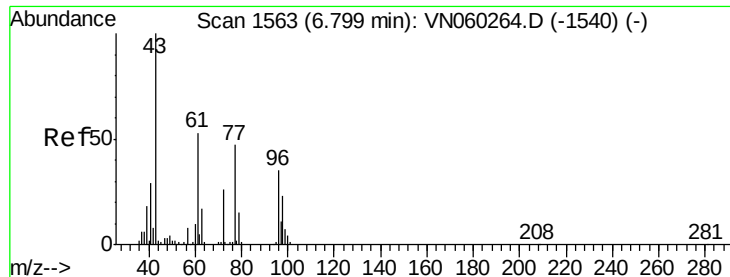
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#24
 1,1-Dichloroethane
 Concen: 19.26 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	80984		
98	6.1	3.0	9.0	
100	3.8	2.0	6.0	





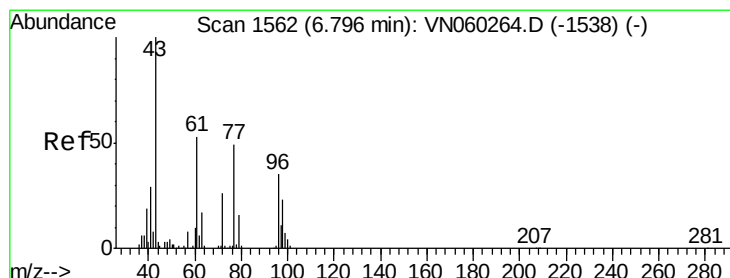
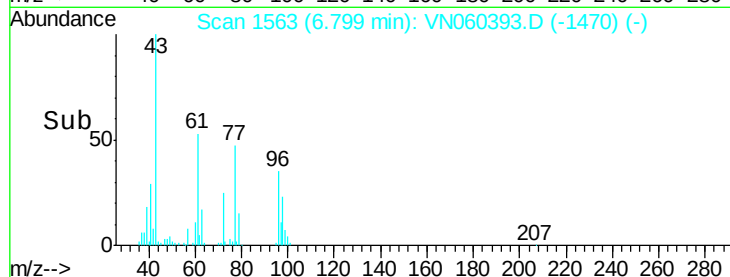
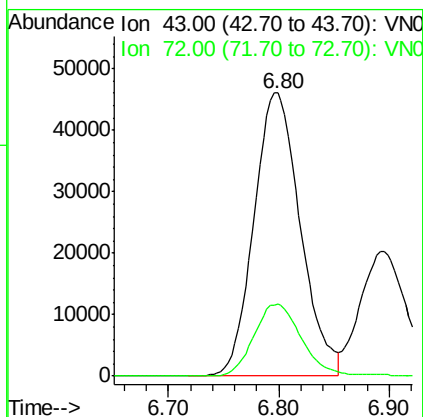
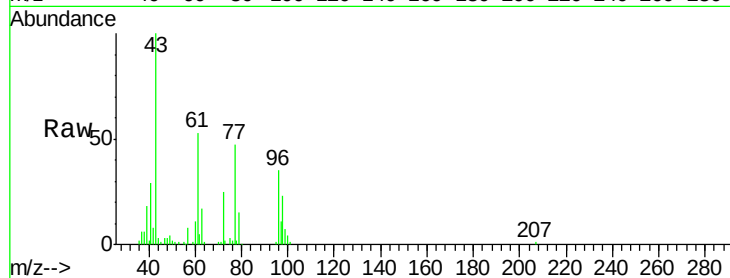
#25
2-Butanone
Concen: 97.15 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion: 43 Resp: 134593
Ion Ratio Lower Upper
43 100
72 25.3 20.9 31.3

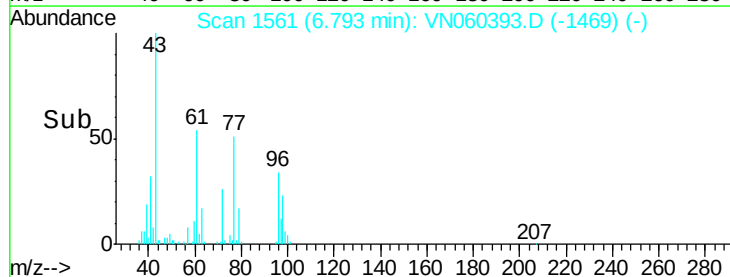
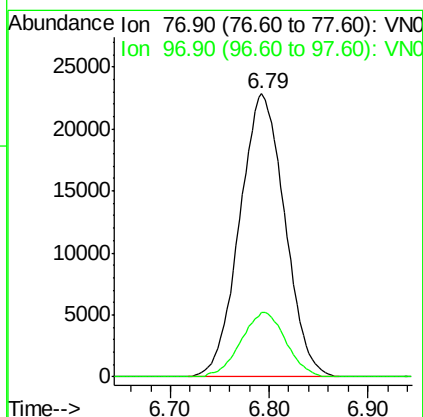
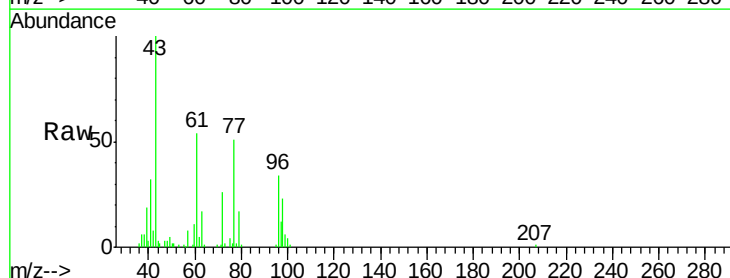
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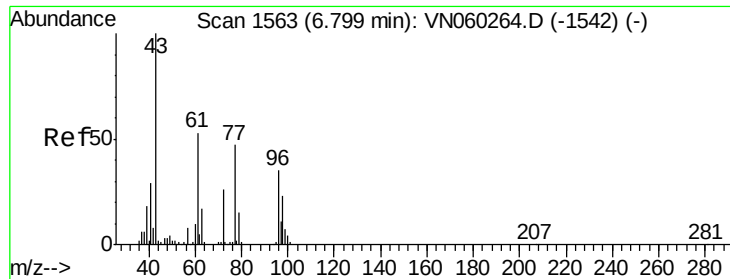
MMDadoda
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#26
2,2-Dichloropropane
Concen: 18.89 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion: 77 Resp: 72303
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 17.42 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

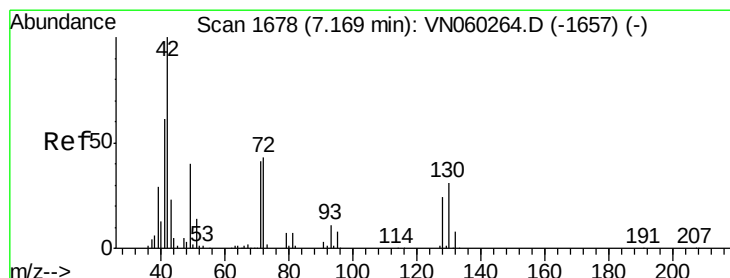
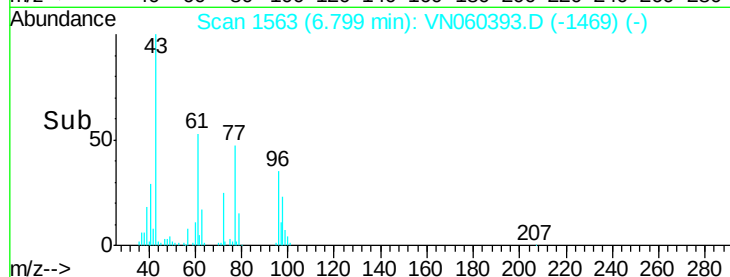
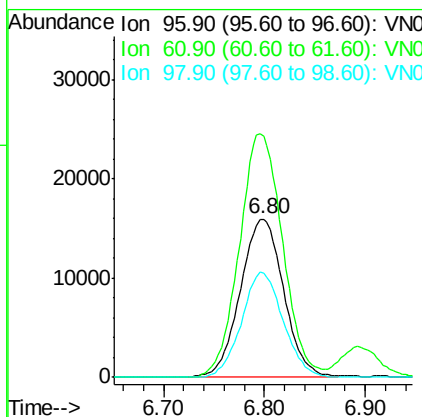
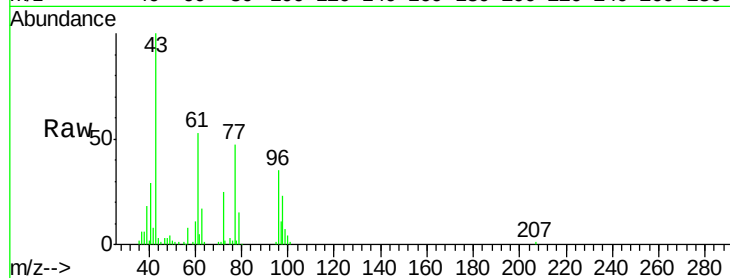
ClientSampleId :

VN0309WBS01

Tgt Ion:	96	Resp:	47581
Ion	Ratio	Lower	Upper
96	100		
61	153.2	0.0	300.8
98	63.6	0.0	128.2

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#28

Bromochloromethane

Concen: 19.20 ug/l

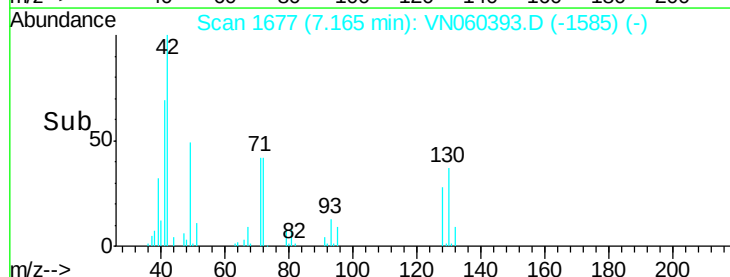
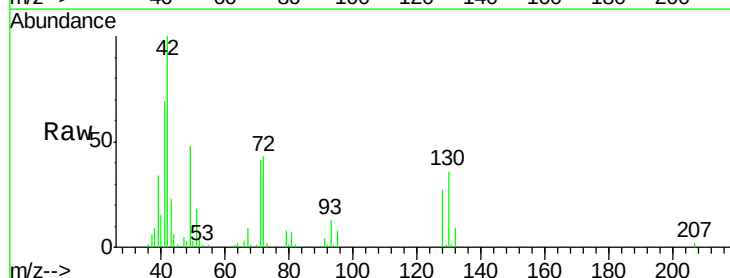
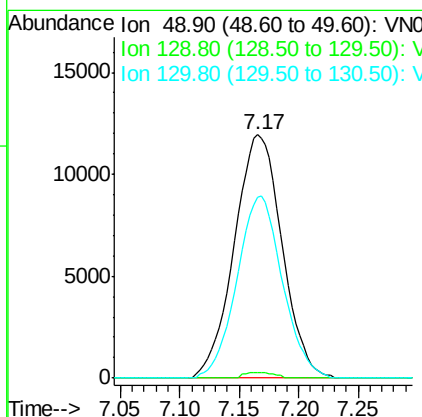
RT: 7.17 min Scan# 1677

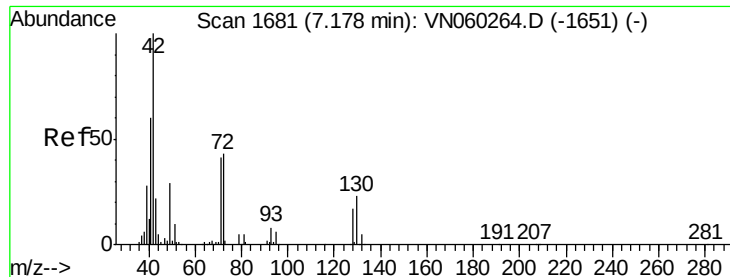
Delta R.T. -0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Tgt Ion:	49	Resp:	33153
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	71.2	59.8	89.8





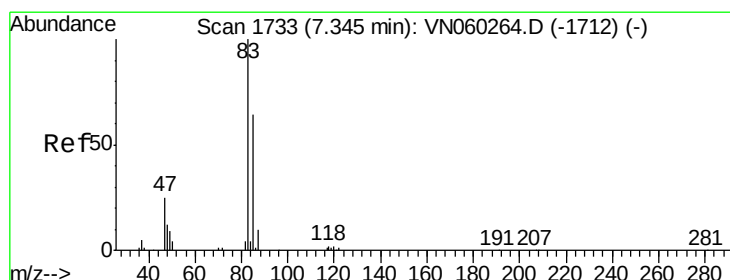
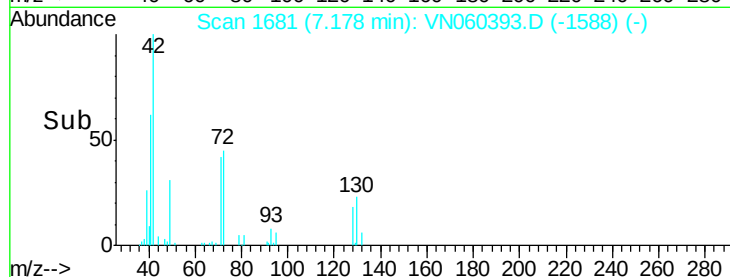
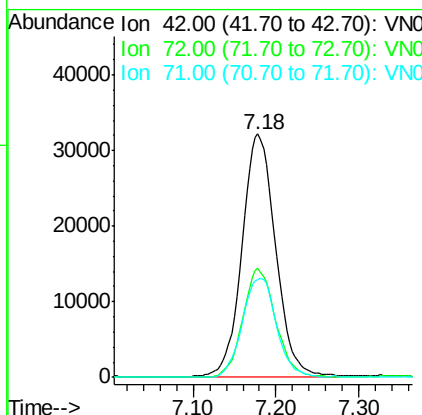
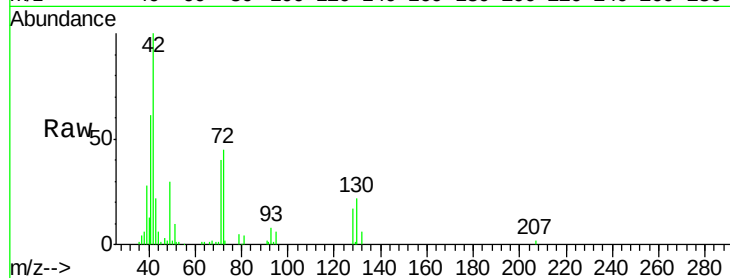
#29
Tetrahydrofuran
Concen: 94.64 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.6	52.0
71	41.0	32.9	49.3

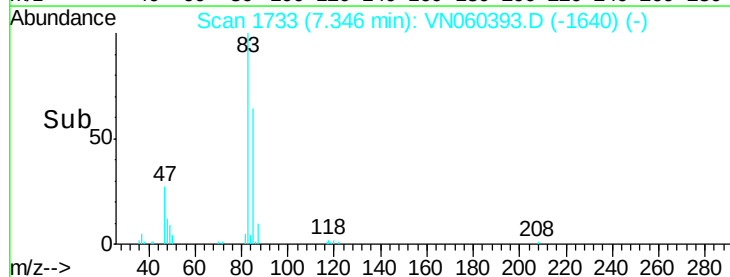
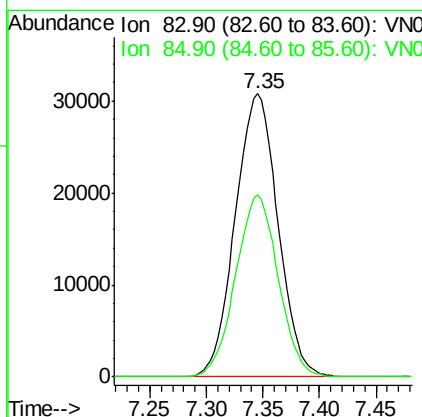
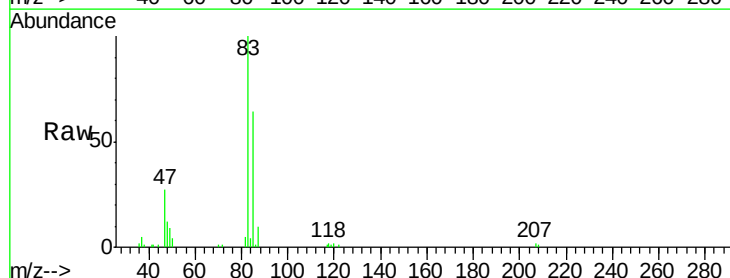
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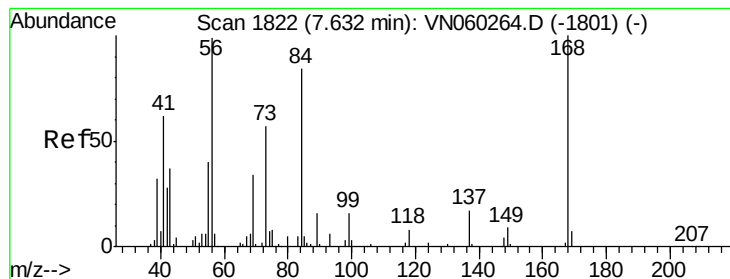
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#30
Chloroform
Concen: 19.32 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.2





#31

Cyclohexane

Concen: 18.82 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

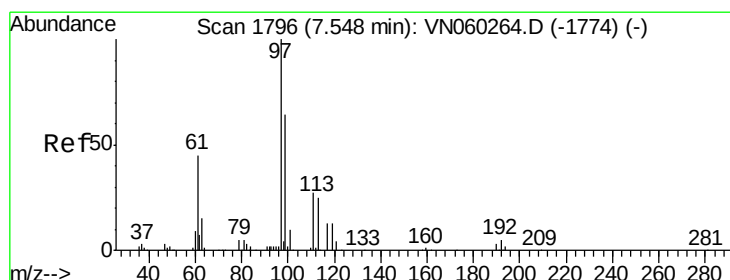
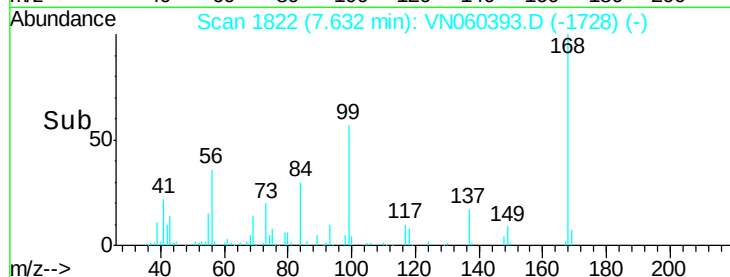
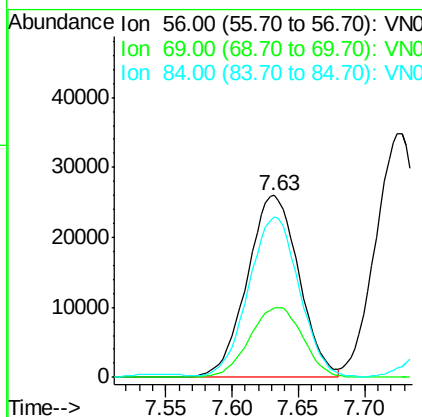
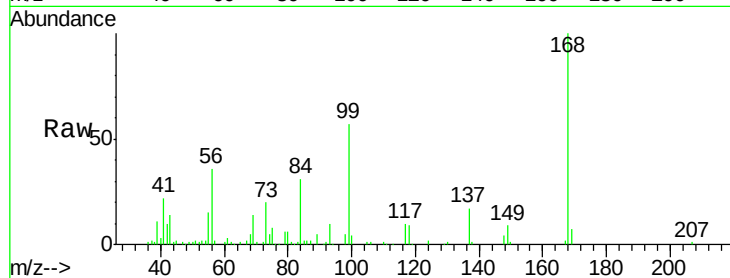
ClientSampleId :

VN0309WBS01

Tgt Ion:	56	Resp:	70532
Ion Ratio	Lower	Upper	
56	100		
69	38.2	27.2	40.8
84	87.0	66.7	100.1

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#32

1,1,1-Trichloroethane

Concen: 18.90 ug/l

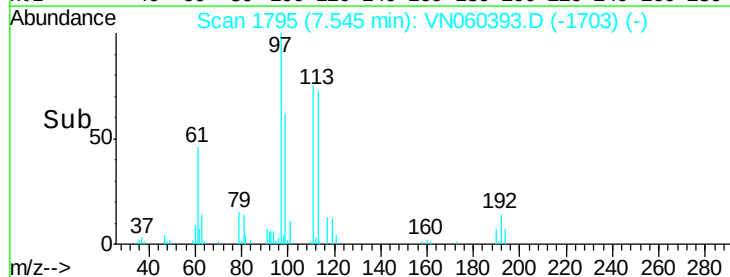
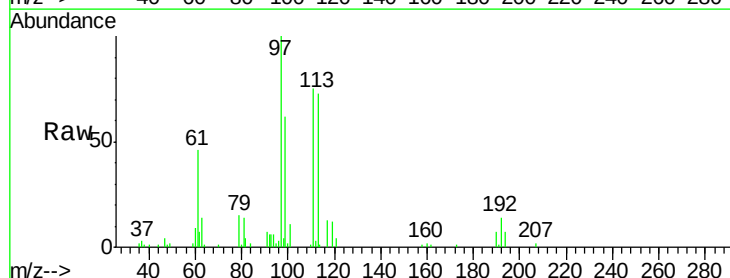
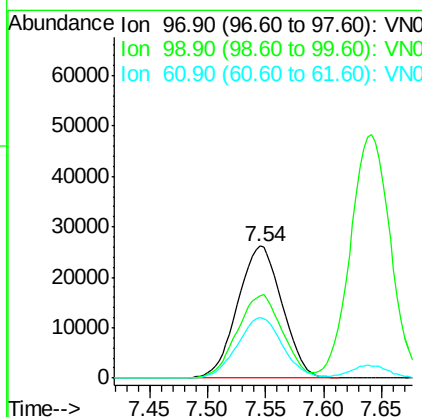
RT: 7.54 min Scan# 1795

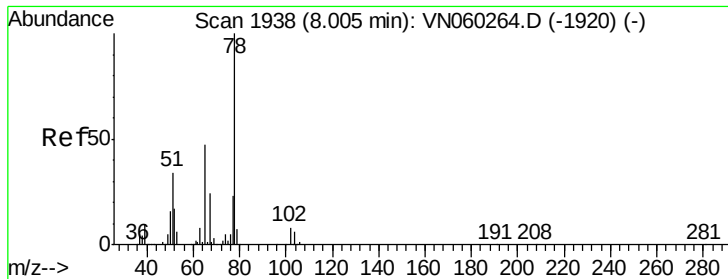
Delta R.T. -0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Tgt Ion:	97	Resp:	70086
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.4	77.0
61	46.5	36.6	55.0





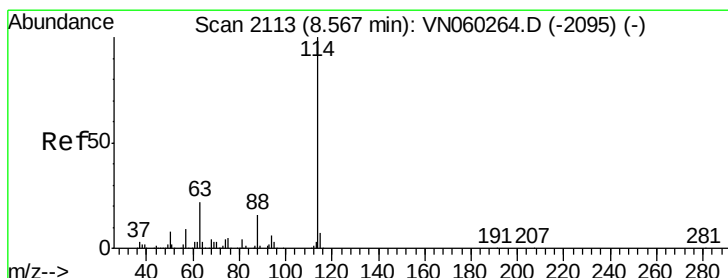
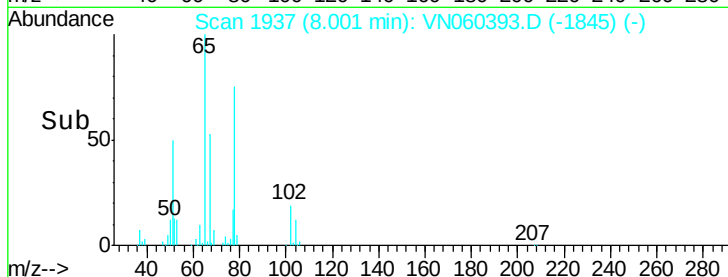
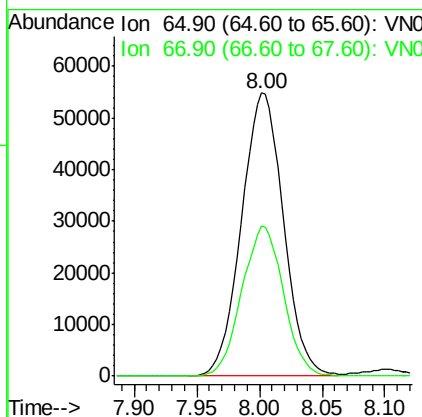
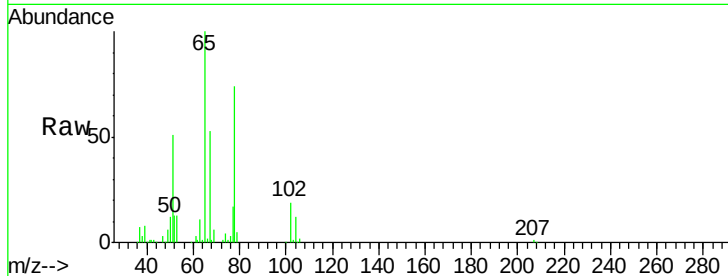
#33
 1,2-Dichloroethane-d4
 Concen: 48.05 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	127614		
67	52.6	0.0	103.8	

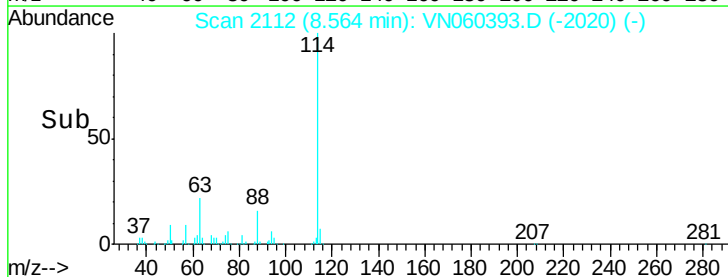
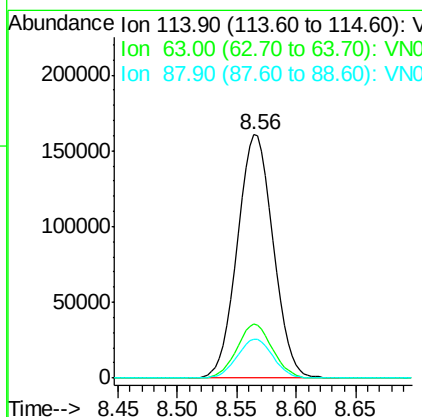
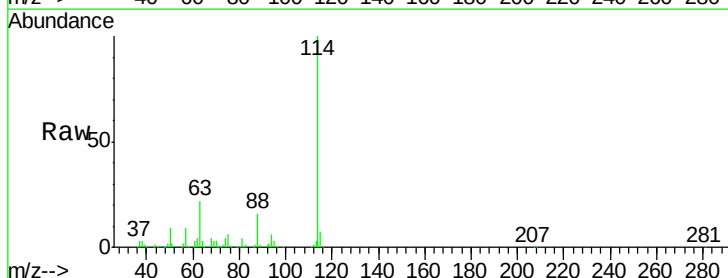
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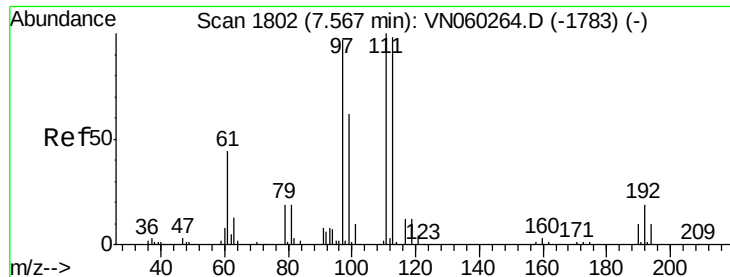
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	335960		
63	22.1	0.0	43.2	
88	16.2	0.0	31.6	





#35

Dibromofluoromethane

Concen: 61.53 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

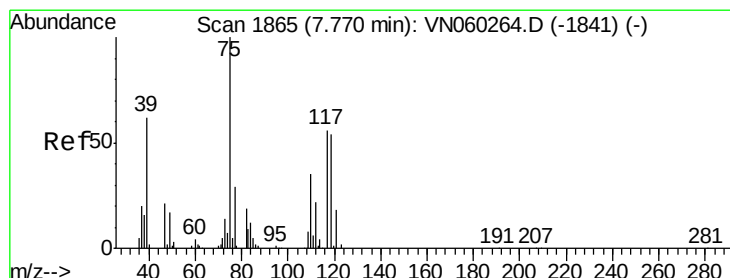
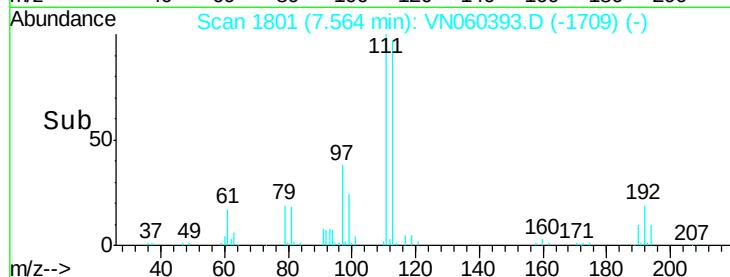
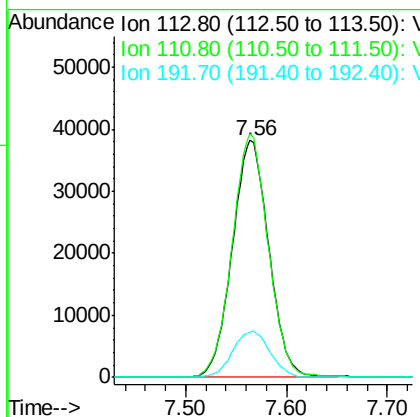
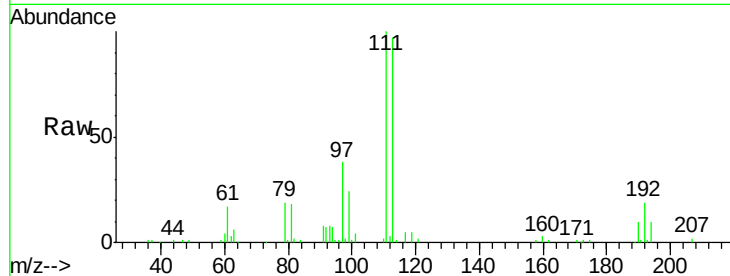
ClientSampleId :

VN0309WBS01

Tgt Ion:	113	Resp:	95951
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	19.9	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 18.24 ug/l

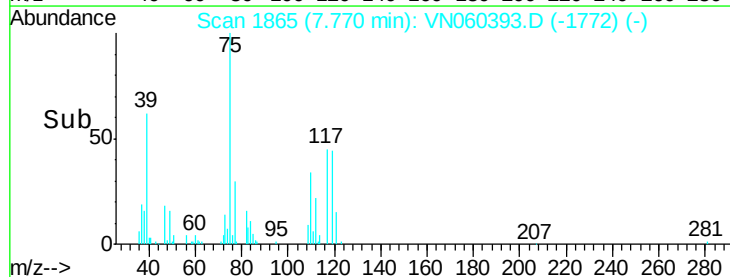
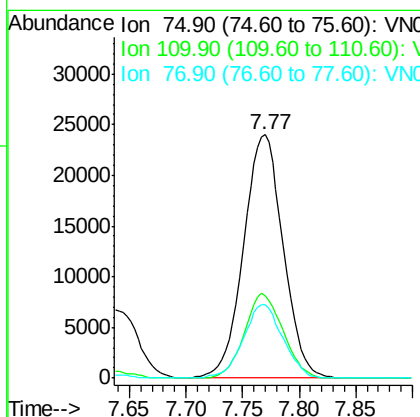
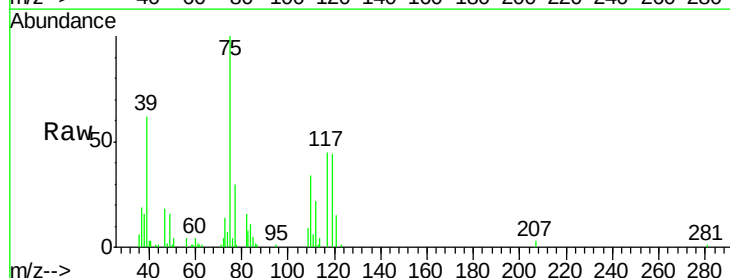
RT: 7.77 min Scan# 1865

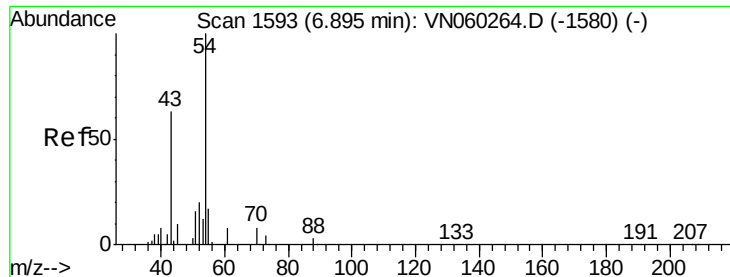
Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Tgt Ion:	75	Resp:	58416
Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.3	52.0
77	30.2	24.2	36.2





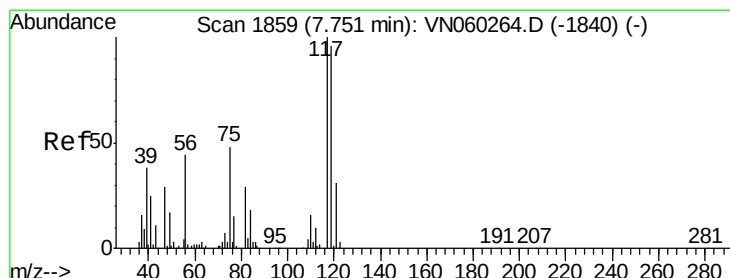
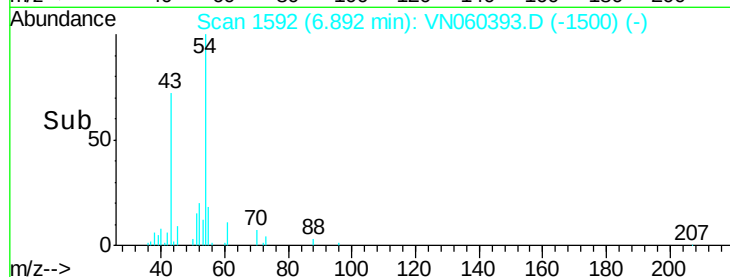
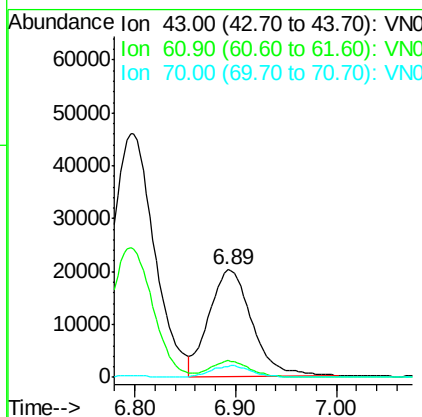
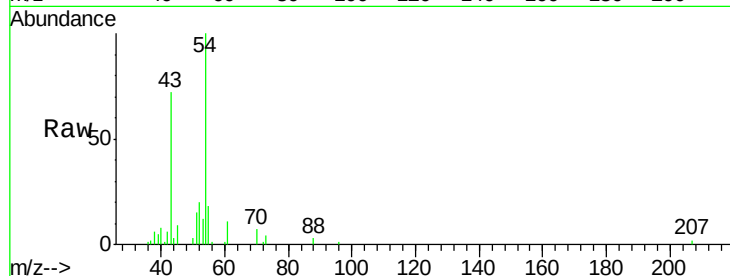
#37
Ethyl Acetate
 Concen: 19.64 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	10.3	8.4	12.6

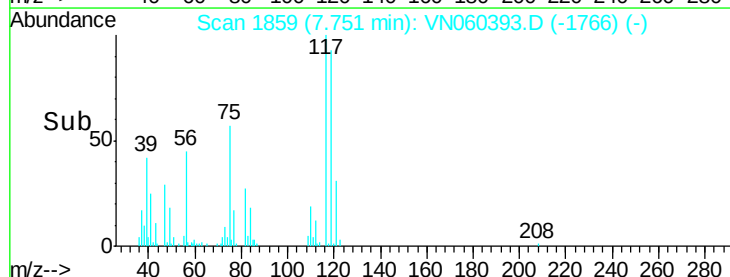
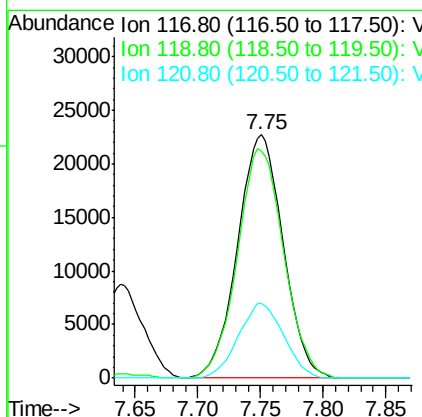
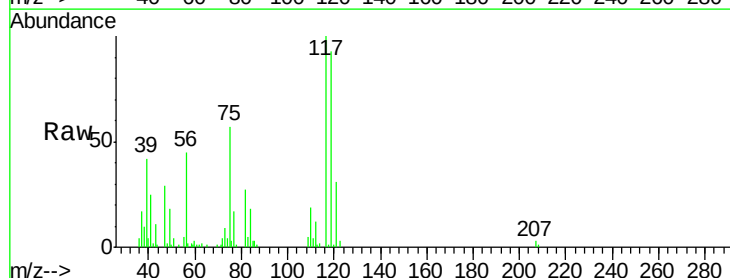
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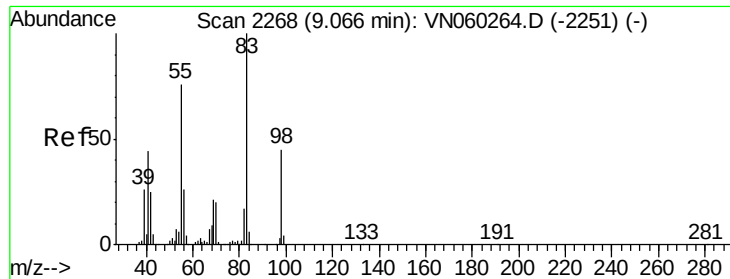
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#38
Carbon Tetrachloride
 Concen: 18.40 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.7	115.1
121	30.7	24.5	36.7





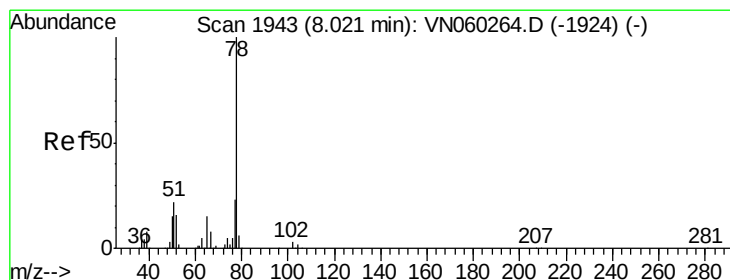
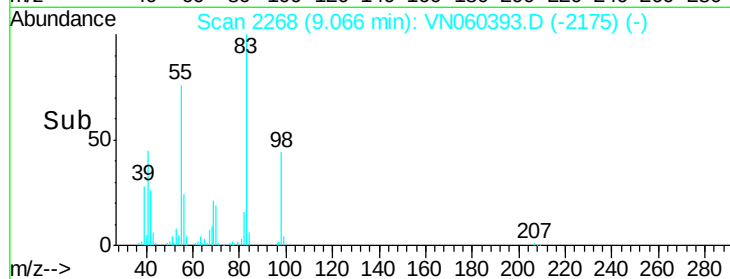
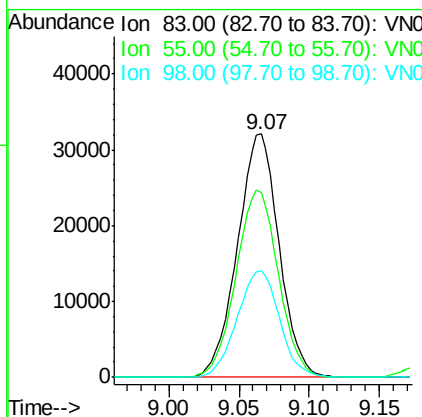
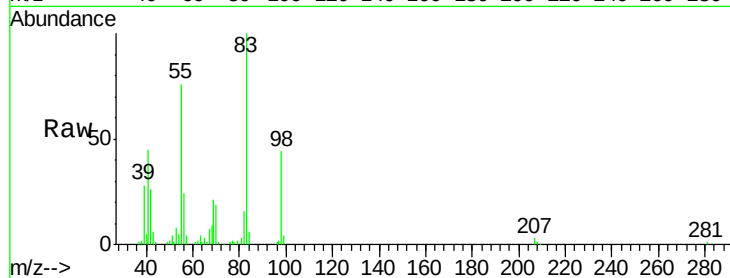
#39
Methylcyclohexane
Concen: 17.57 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.0	91.4
98	43.7	36.1	54.1

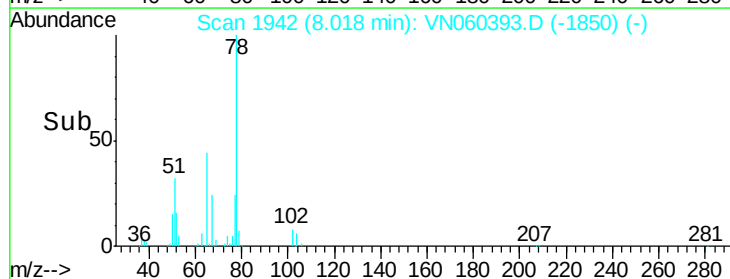
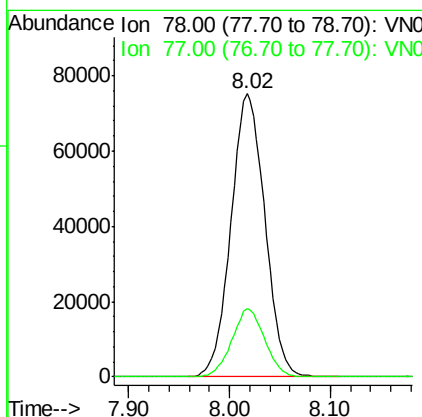
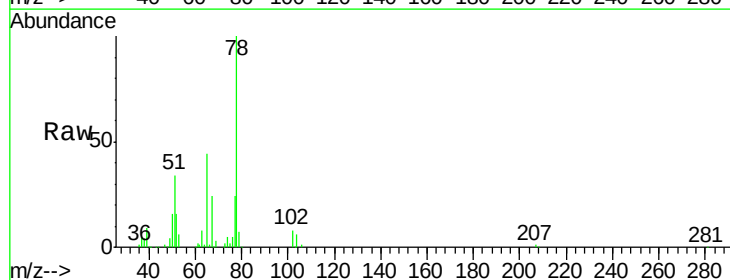
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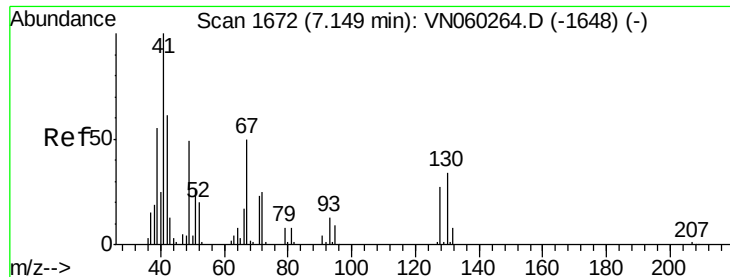
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#40
Benzene
Concen: 18.81 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





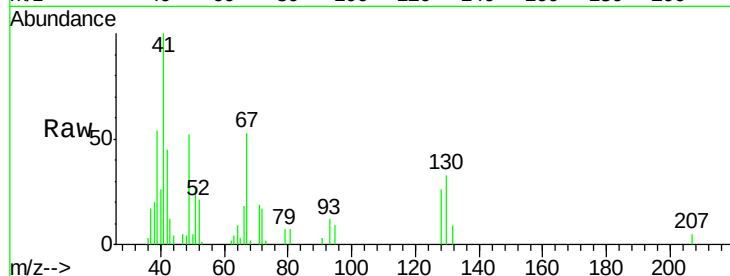
#41
Methacrylonitrile
Concen: 18.27 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

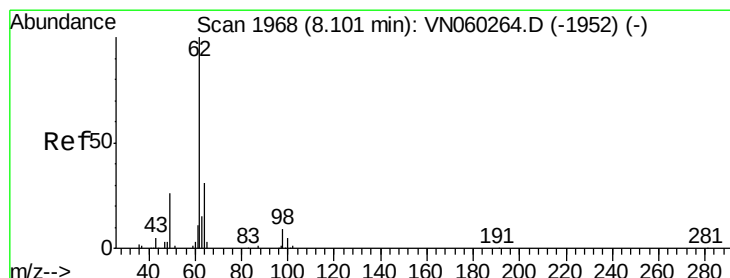
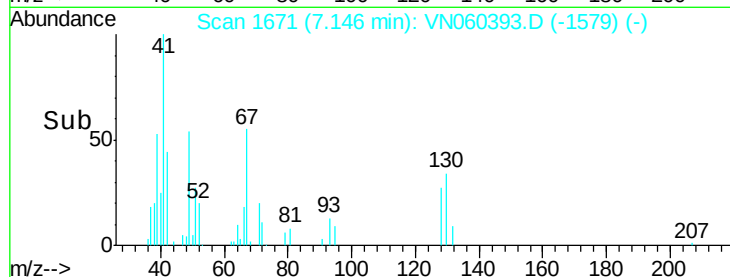
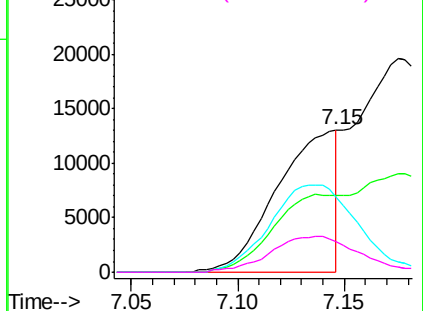
Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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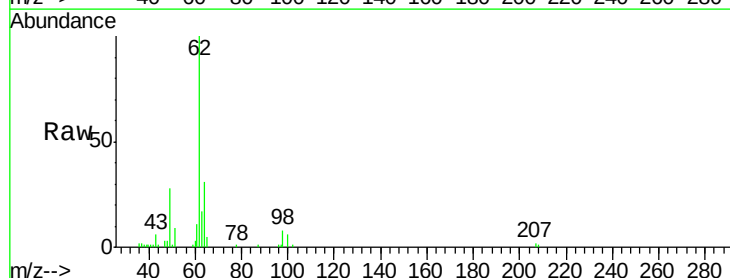


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

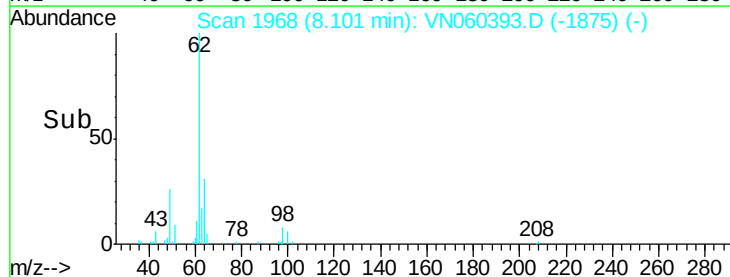
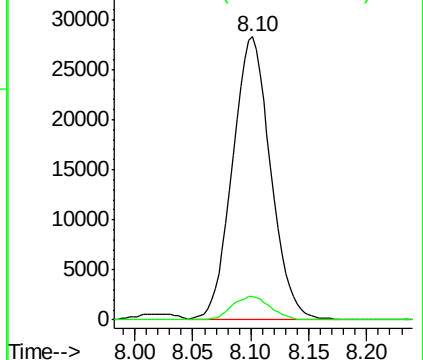


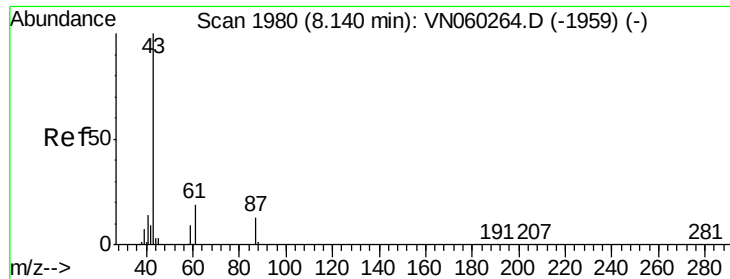
#42
1,2-Dichloroethane
Concen: 19.18 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0



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





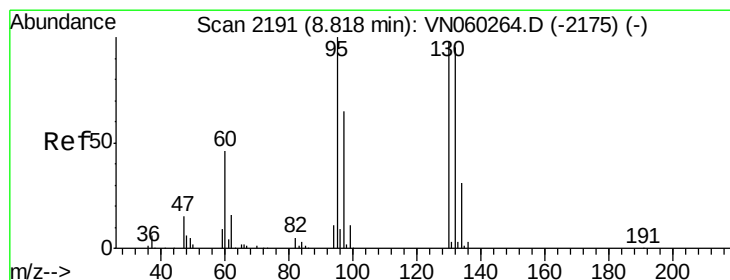
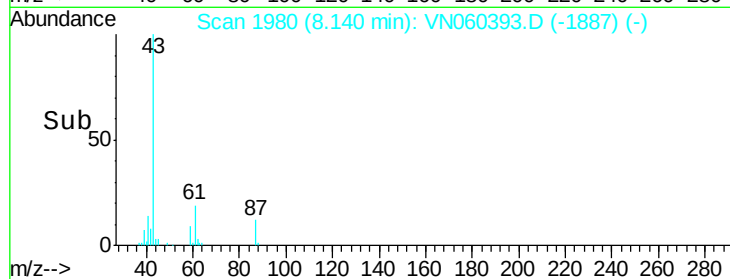
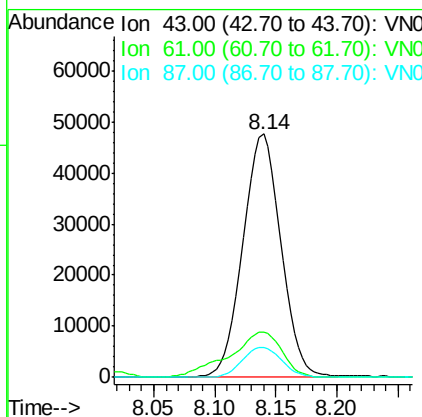
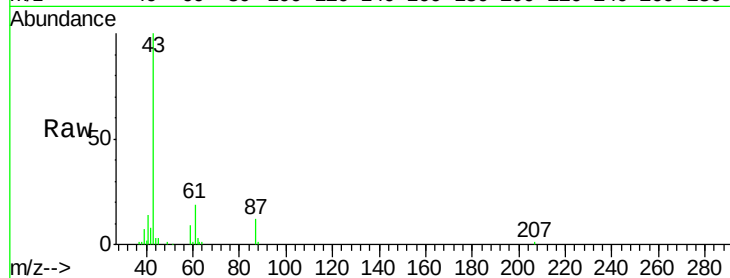
#43
Isopropyl Acetate
Concen: 19.37 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	25.8	20.9	31.3
87	12.8	10.6	16.0

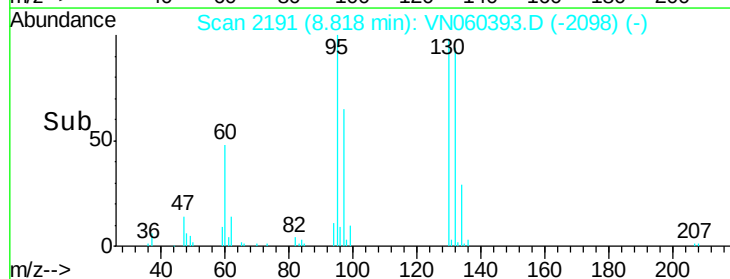
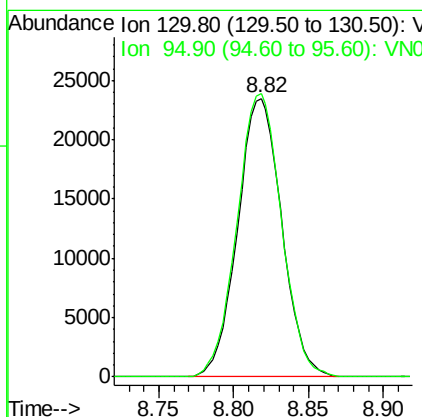
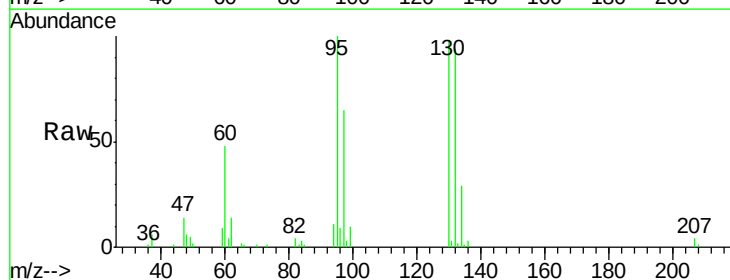
Manual Integrations
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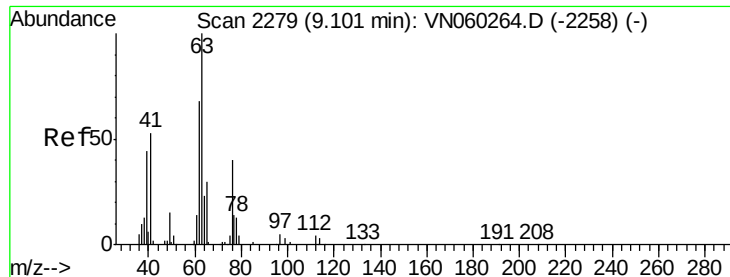
MMDadoda
3/10/2020 10:46:00 AM



#44
Trichloroethene
Concen: 18.52 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	203.4





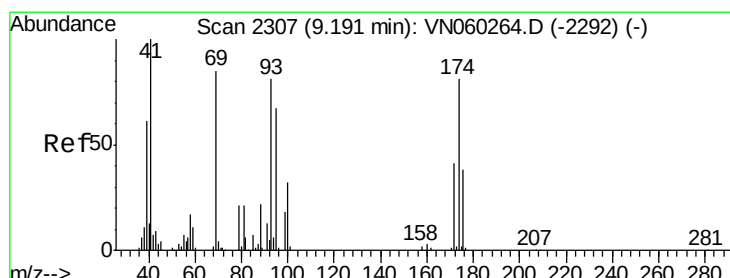
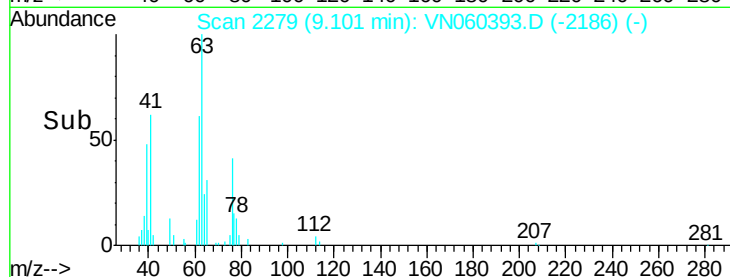
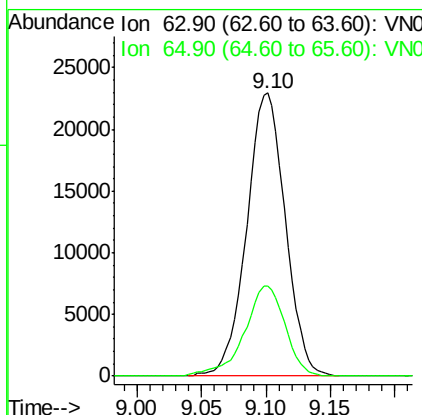
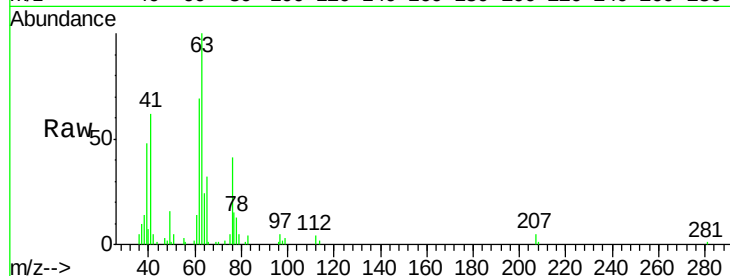
#45
 1,2-Dichloropropane
 Concen: 19.67 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Tgt Ion: 63 Resp: 47928
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.4 36.6

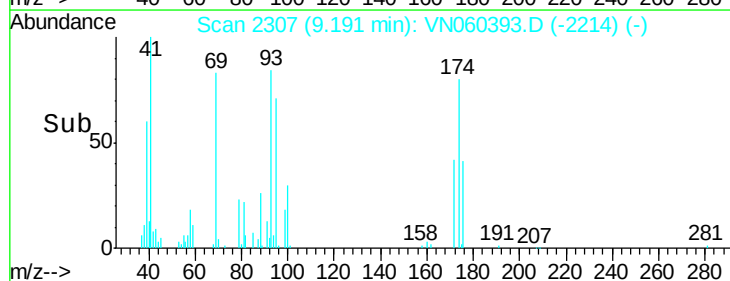
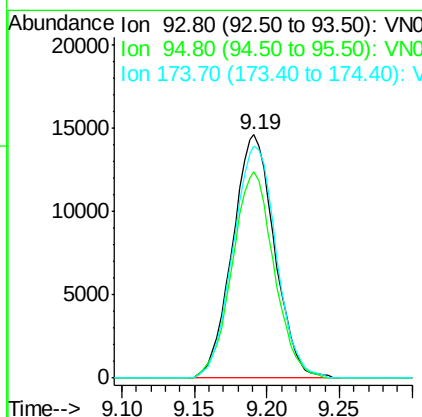
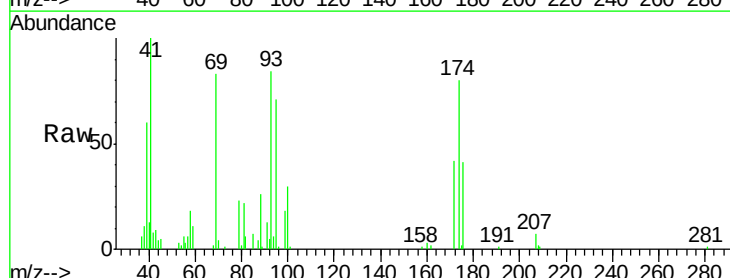
Manual Integrations
 APPROVED

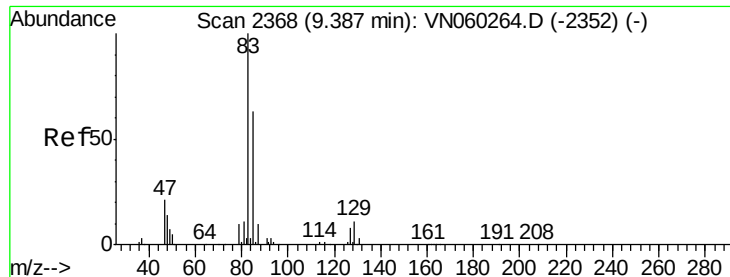
MMDadoda
 3/10/2020 10:46:00 AM



#46
 Dibromomethane
 Concen: 18.60 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Tgt Ion: 93 Resp: 29410
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.9 98.9
 174 97.7 79.6 119.4





#47

Bromodichloromethane

Concen: 19.34 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

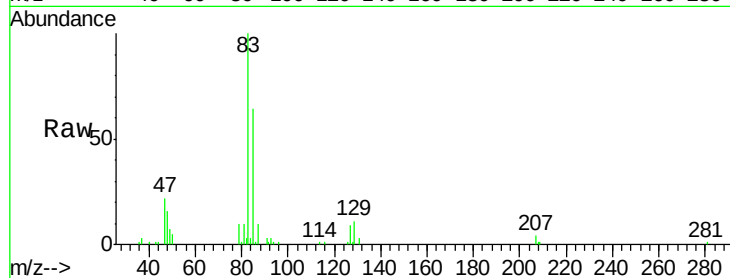
ClientSampleId :

VN0309WBS01

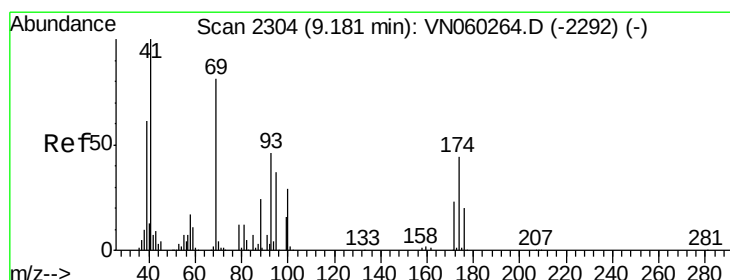
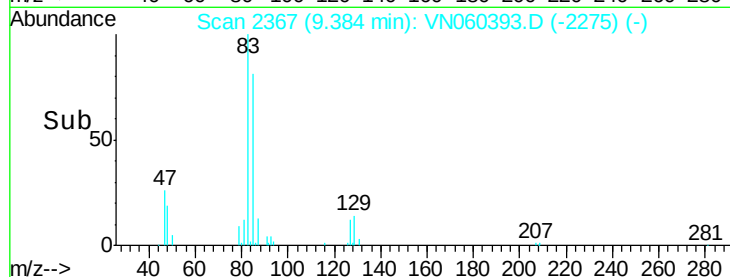
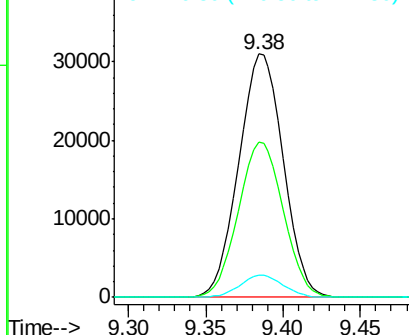
Tgt Ion:	83	Resp:	62193
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.7	76.1
127	9.2	6.8	10.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.48 ug/l

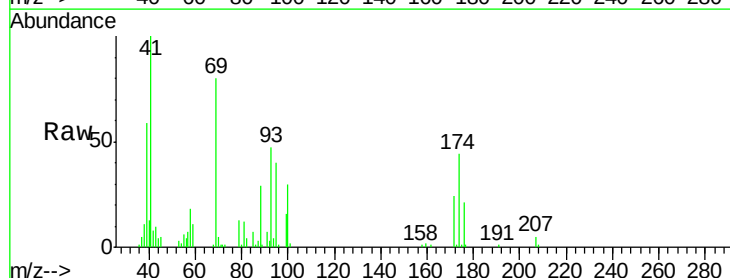
RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

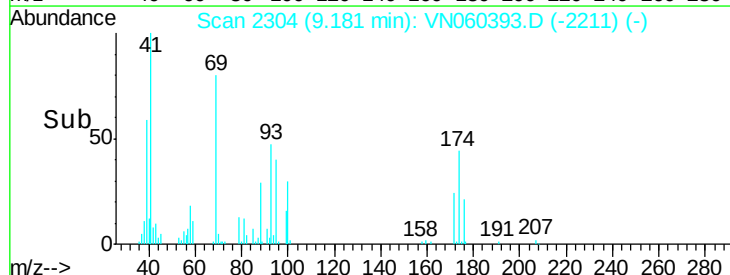
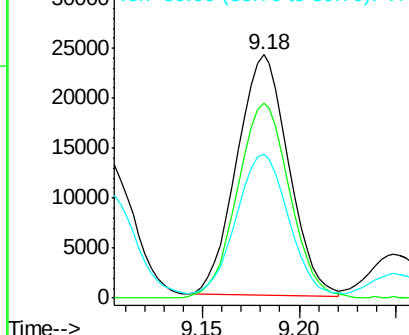
Lab File: VN060393.D

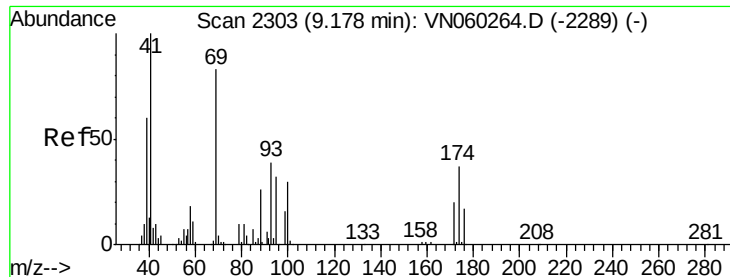
Acq: 9 Mar 2020 11:14

Tgt Ion:	41	Resp:	44722
Ion	Ratio	Lower	Upper
41	100		
69	82.0	66.7	100.1
39	58.4	50.1	75.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





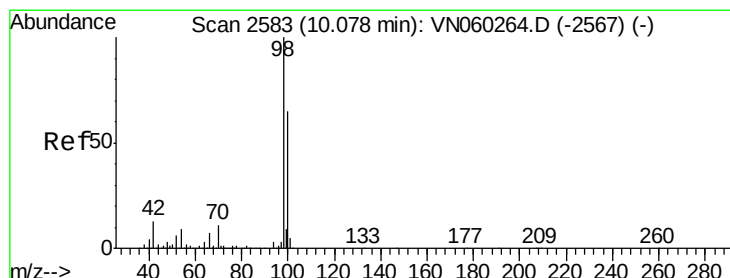
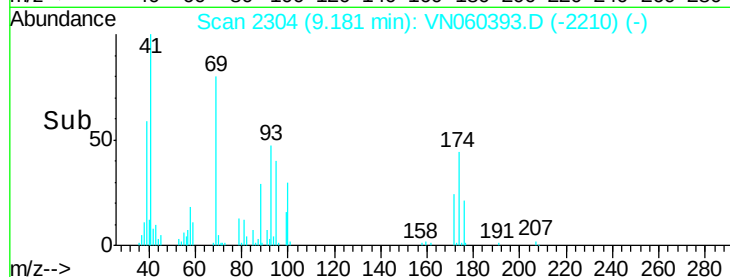
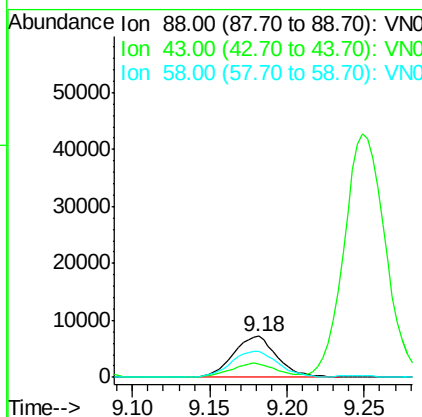
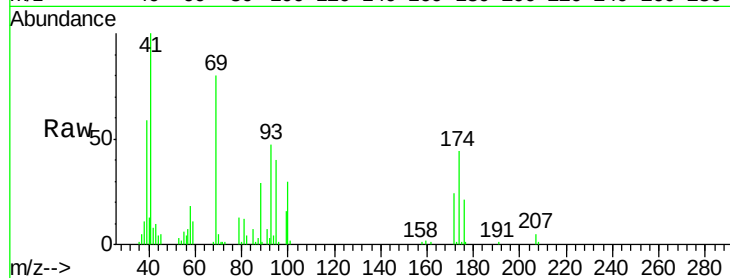
#49
1,4-Dioxane
Concen: 417.23 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.0	30.4	45.6
58	68.1	57.0	85.6

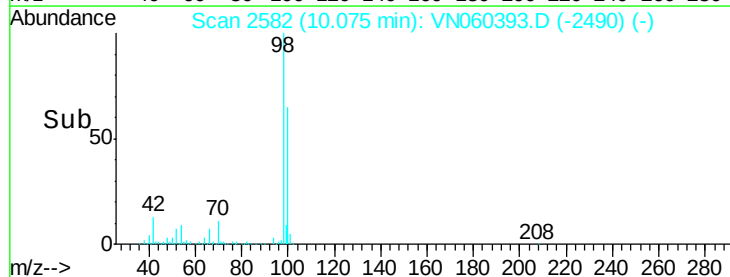
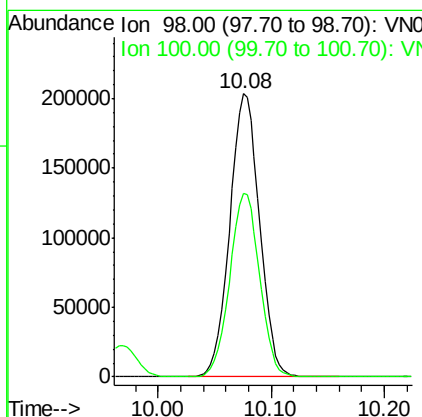
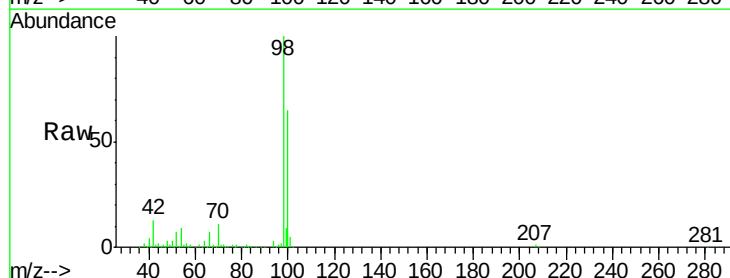
Manual Integrations
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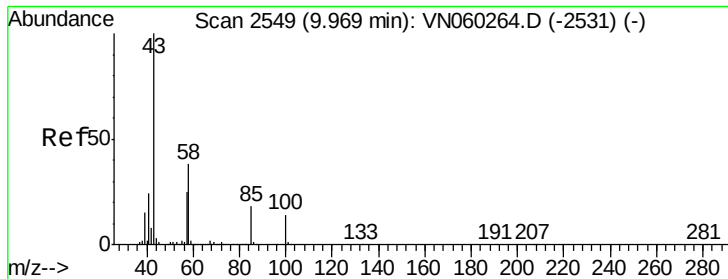
MMDadoda
3/10/2020 10:46:00 AM



#50
Toluene-d8
Concen: 47.12 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





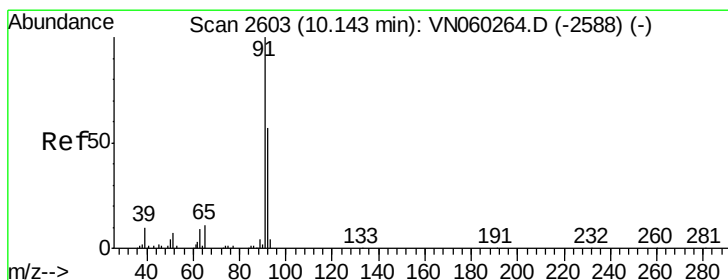
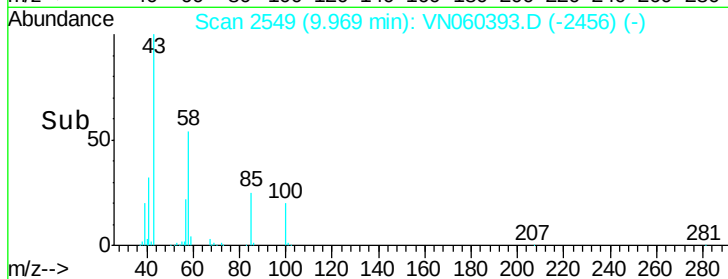
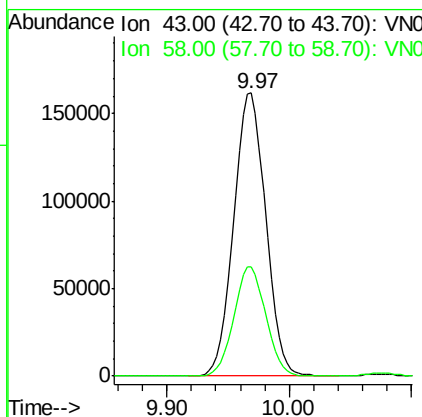
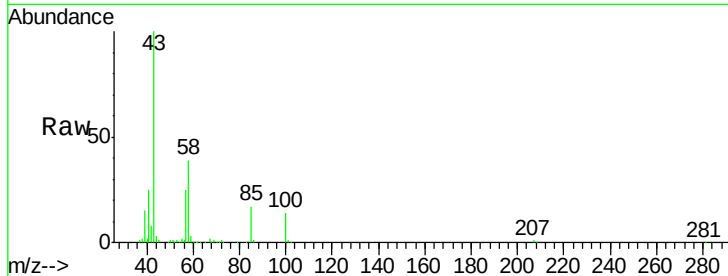
#51
4-Methyl-2-Pentanone
Concen: 97.85 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.9	46.3

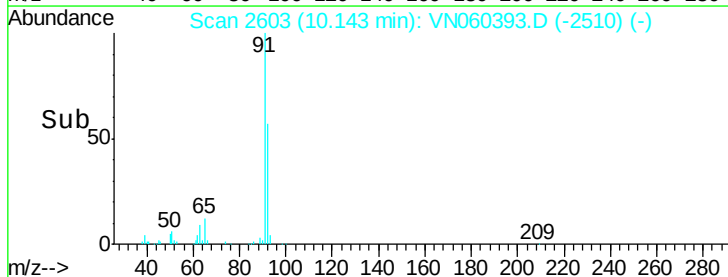
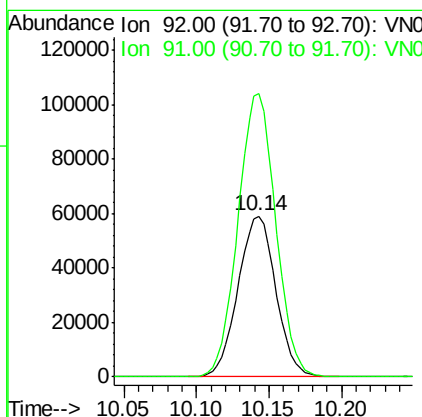
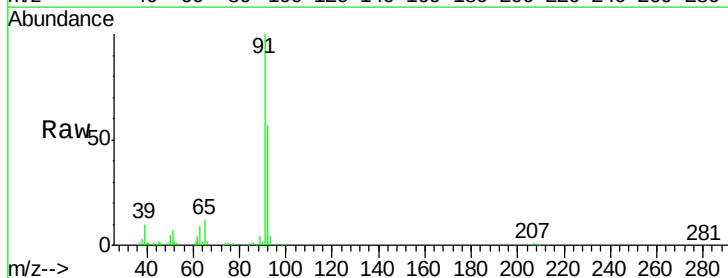
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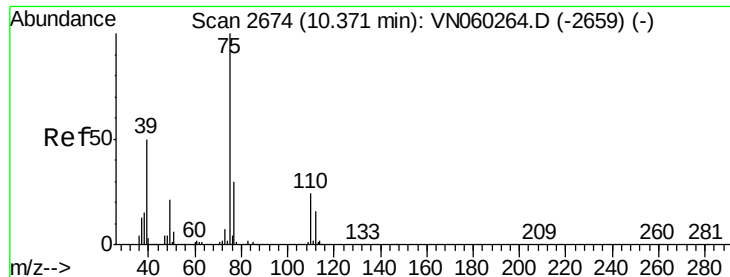
MMDadoda
3/10/2020 10:46:00 AM



#52
Toluene
Concen: 18.31 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.5	138.1	207.1





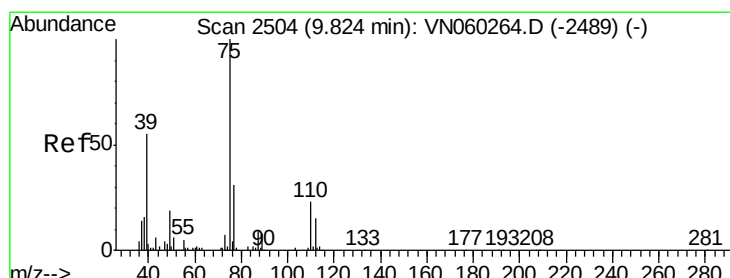
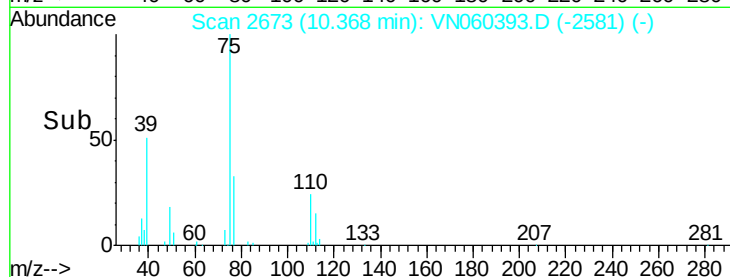
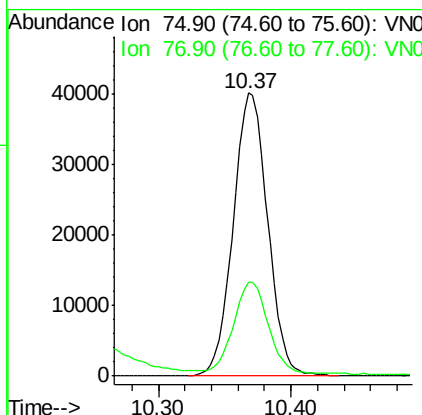
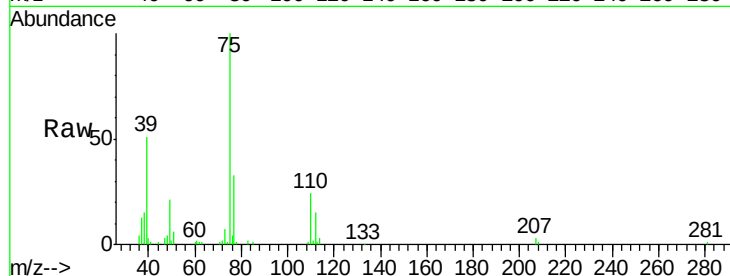
#53
t-1,3-Dichloropropene
Concen: 18.42 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion: 75 Resp: 72589
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2

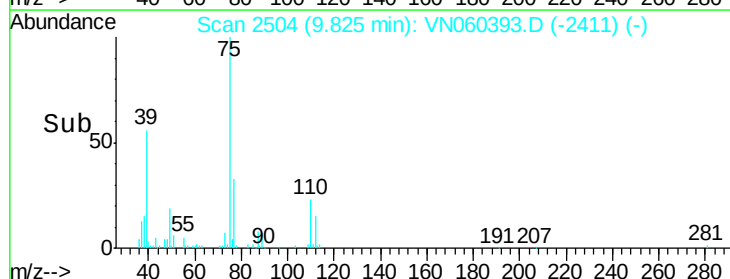
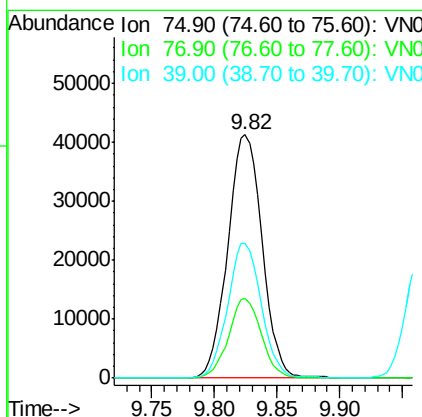
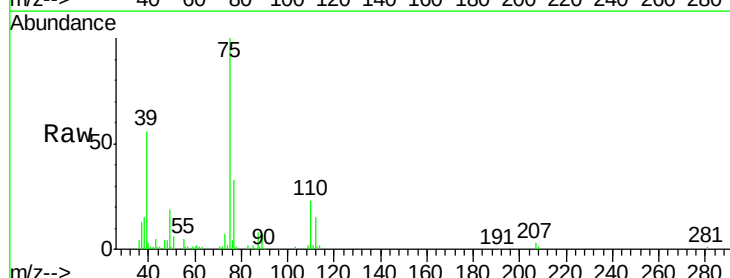
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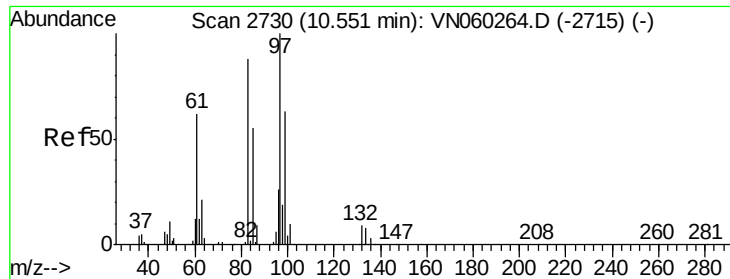
MMDadoda
3/10/2020 10:46:00 AM



#54
cis-1,3-Dichloropropene
Concen: 19.30 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion: 75 Resp: 78778
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2
39 55.6 43.8 65.8





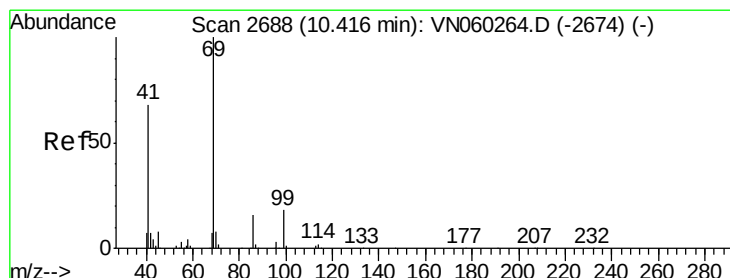
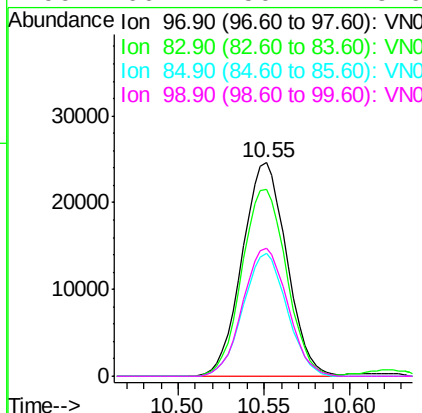
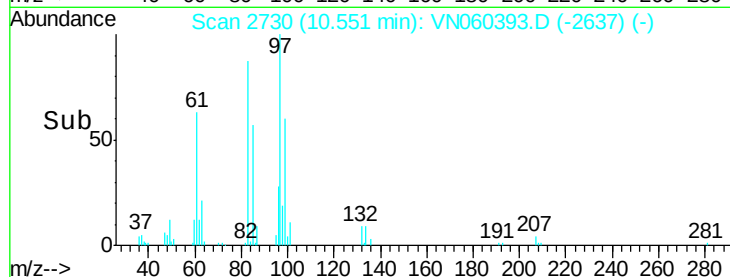
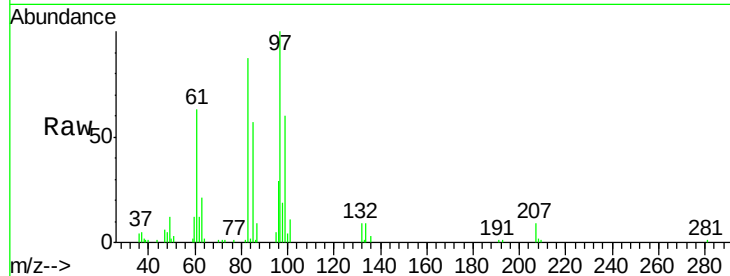
#55
 1,1,2-Trichloroethane
 Concen: 18.82 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.0	105.0
85	57.5	44.0	66.0
99	60.1	50.4	75.6

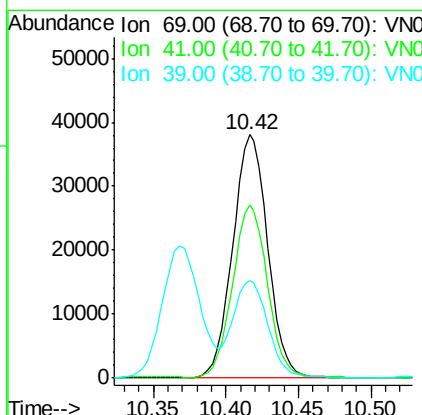
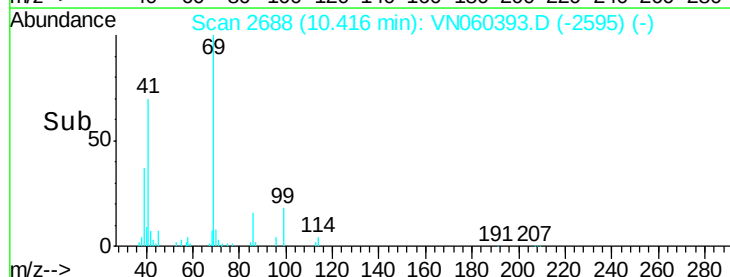
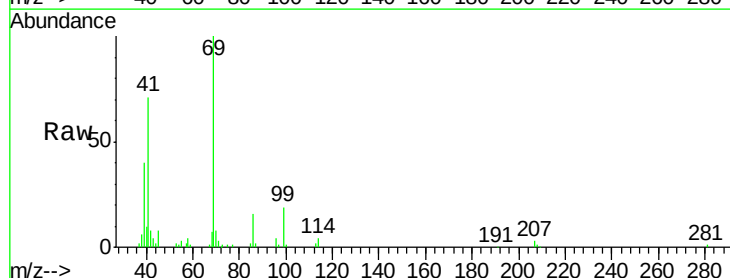
Manual Integrations
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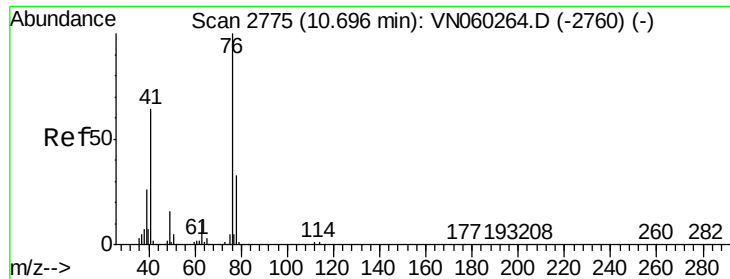
MMDadoda
 3/10/2020 10:46:00 AM



#56
 Ethyl methacrylate
 Concen: 18.89 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.9	54.1	81.1
39	41.5	32.5	48.7





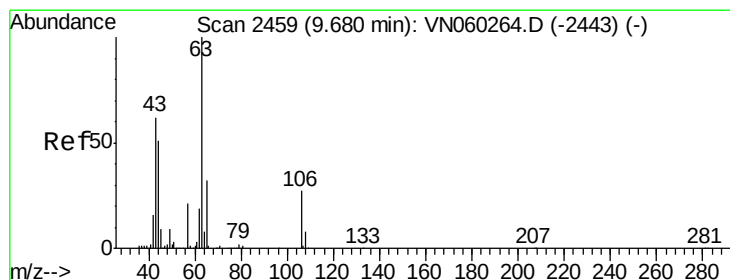
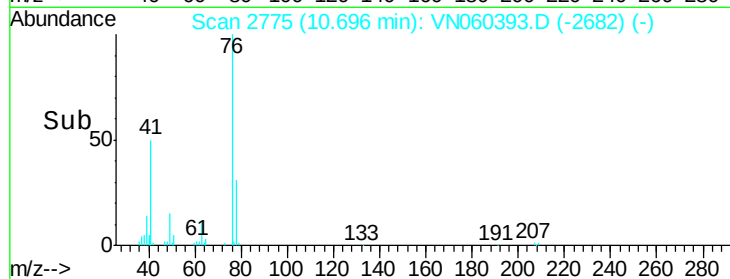
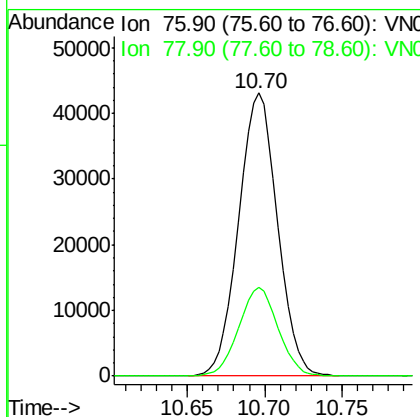
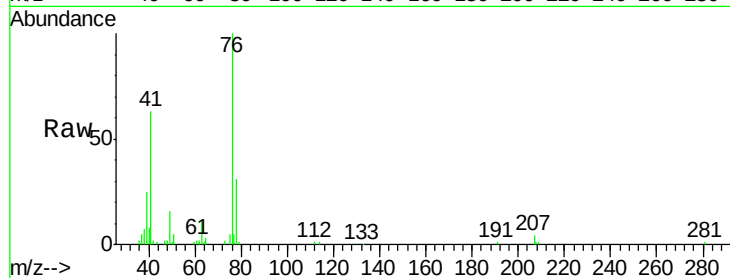
#57
 1,3-Dichloropropane
 Concen: 19.60 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Tgt Ion: 76 Resp: 75263
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.2 39.2

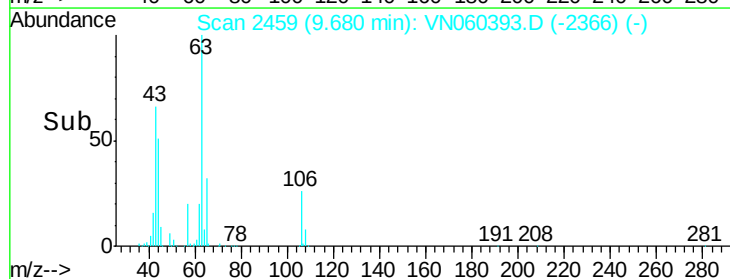
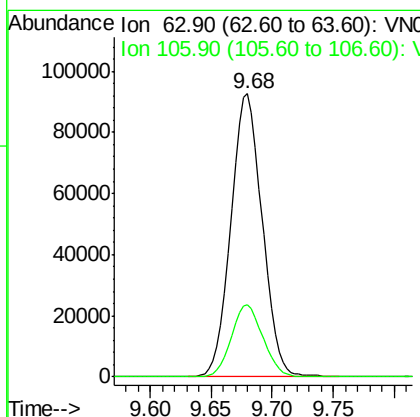
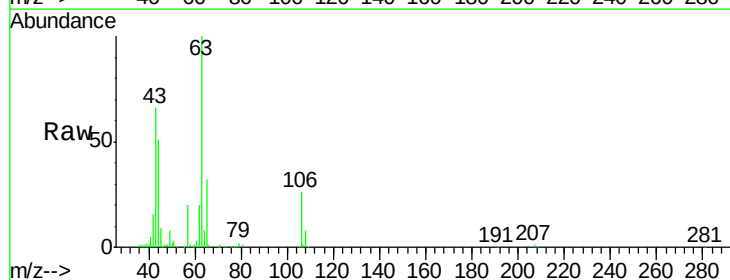
Manual Integrations
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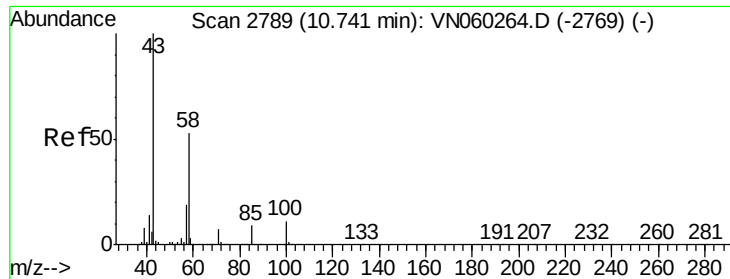
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 3/10/2020 10:46:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.55 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Tgt Ion: 63 Resp: 165470
 Ion Ratio Lower Upper
 63 100
 106 25.6 21.1 31.7





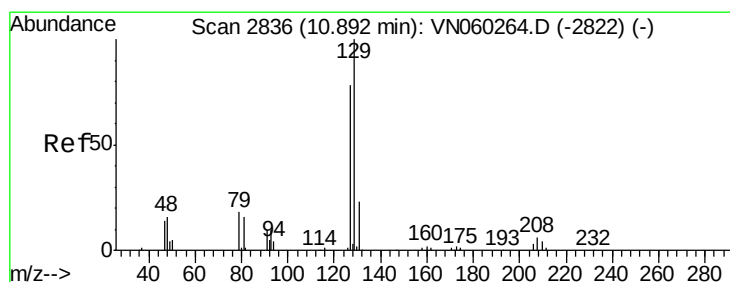
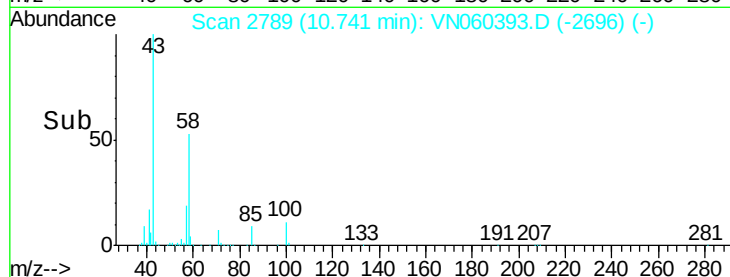
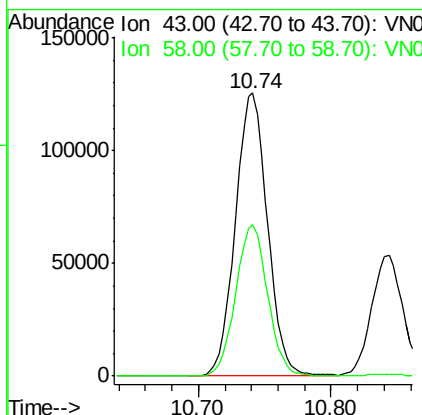
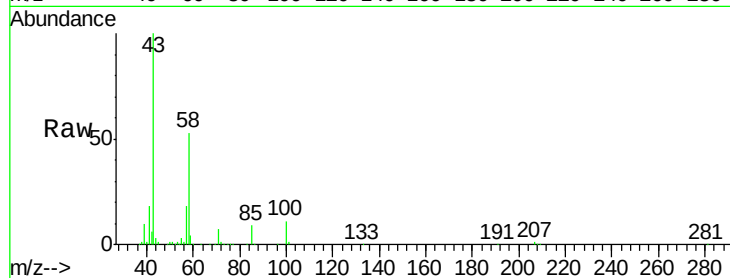
#59
2-Hexanone
Concen: 95.48 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion: 43 Resp: 210974
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.5

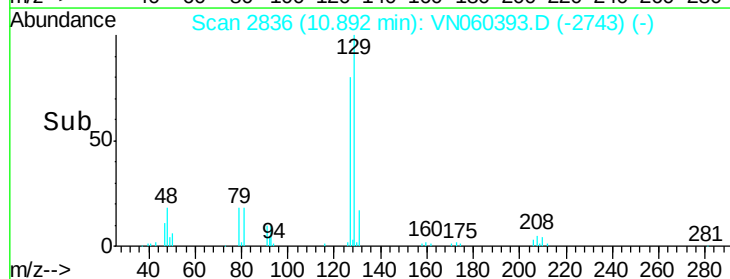
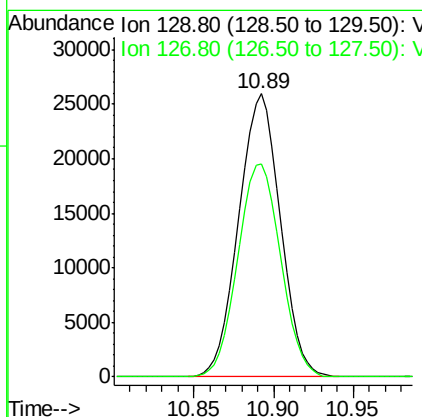
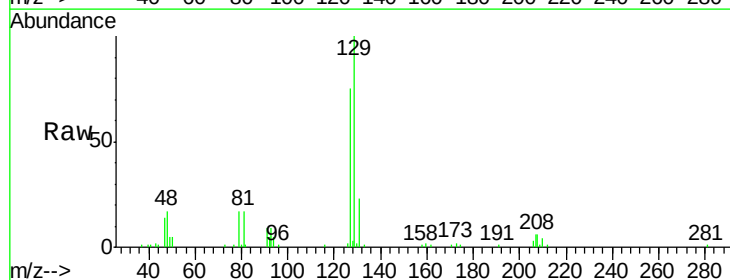
Manual Integrations
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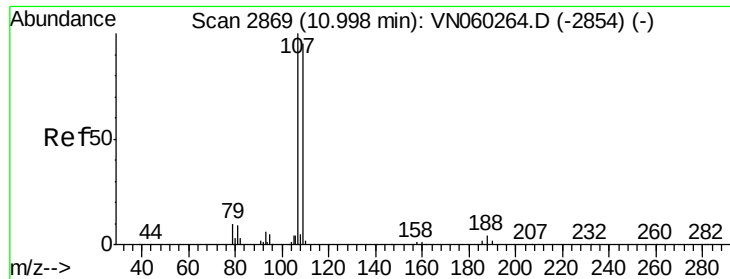
MMDadoda
3/10/2020 10:46:00 AM



#60
Dibromochloromethane
Concen: 19.26 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion: 129 Resp: 46117
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





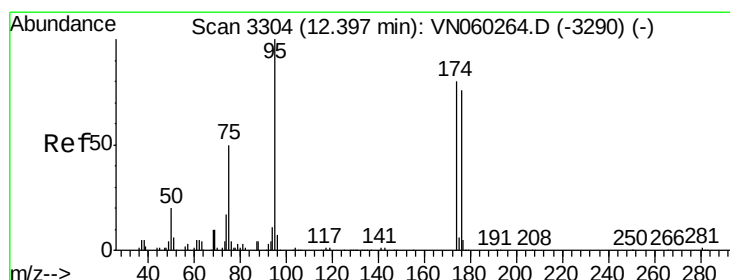
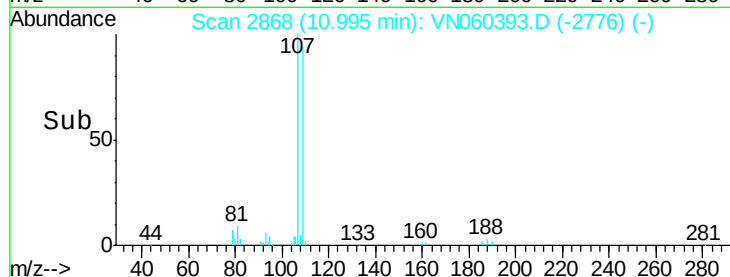
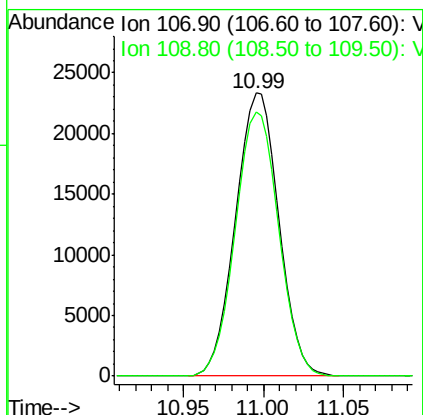
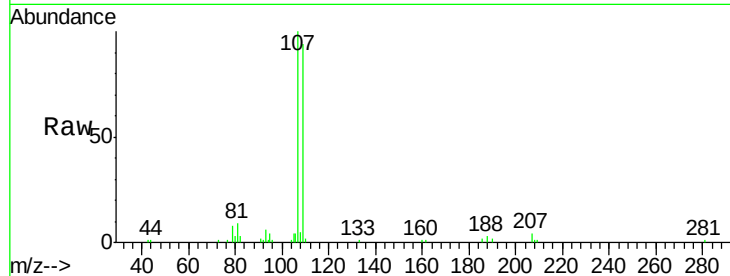
#61
1,2-Dibromoethane
Concen: 18.75 ug/l
RT: 10.99 min Scan# 2868
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion: 107 Resp: 43035
Ion Ratio Lower Upper
107 100
109 93.8 76.8 115.2

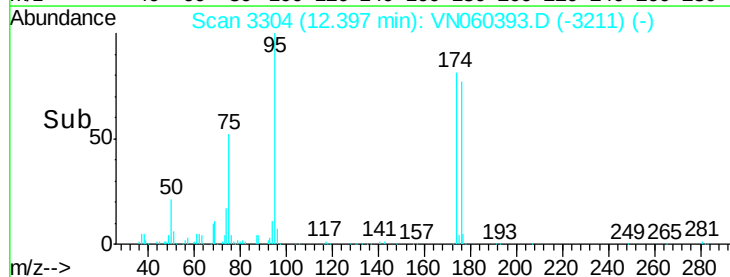
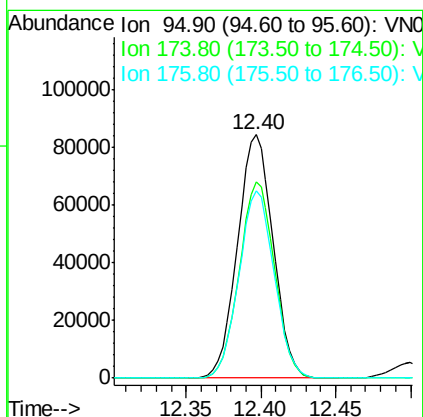
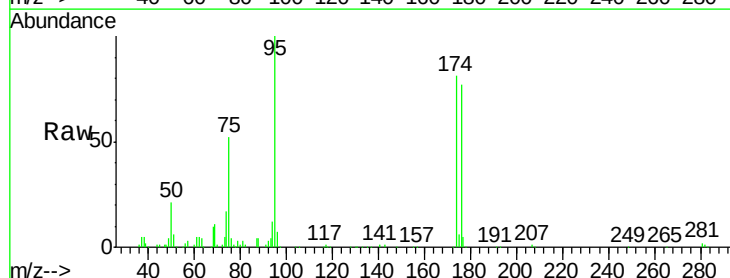
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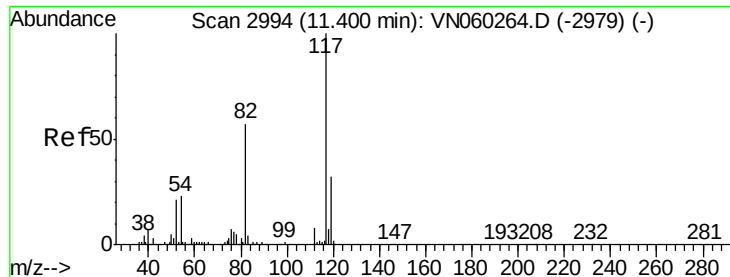
MMDadoda
3/10/2020 10:46:00 AM



#62
4-Bromofluorobenzene
Concen: 46.74 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion: 95 Resp: 139846
Ion Ratio Lower Upper
95 100
174 80.0 0.0 159.2
176 76.4 0.0 153.8





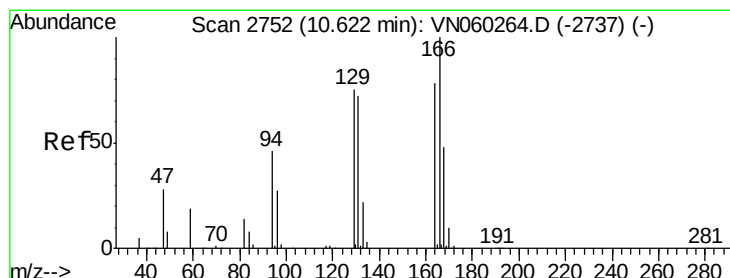
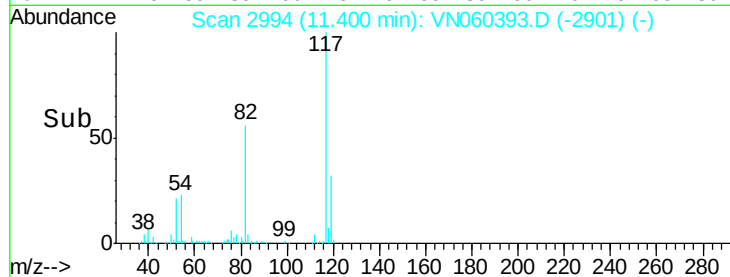
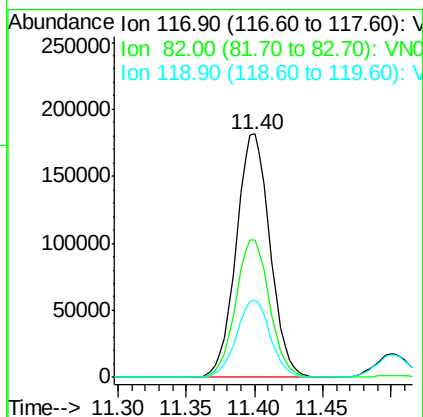
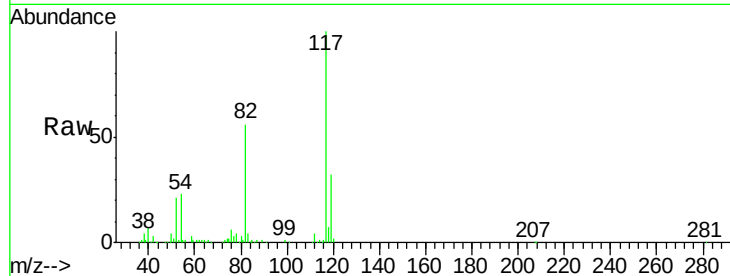
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	311928		
82	56.2	45.8	68.6	
119	31.9	25.8	38.8	

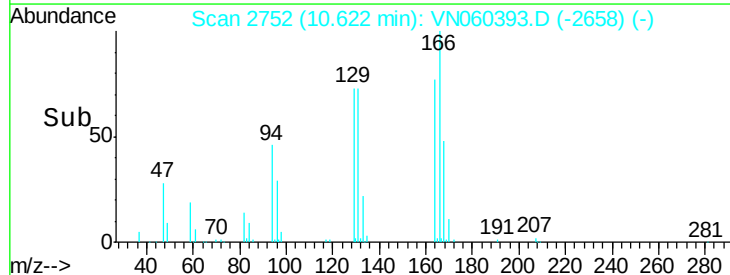
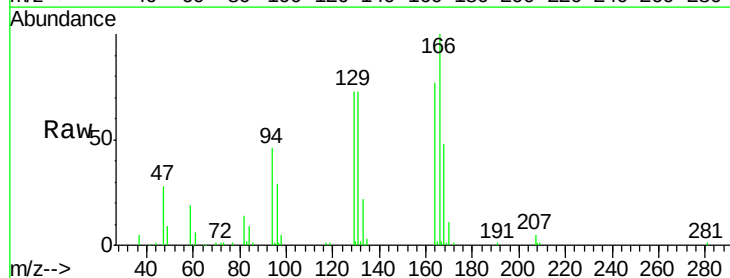
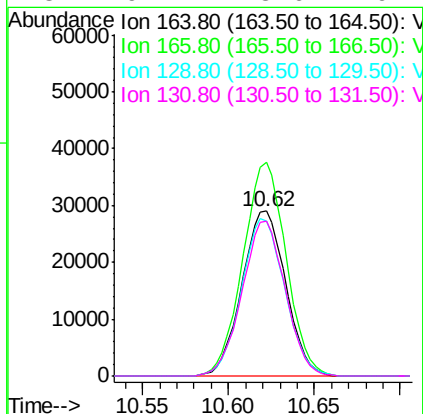
Manual Integrations
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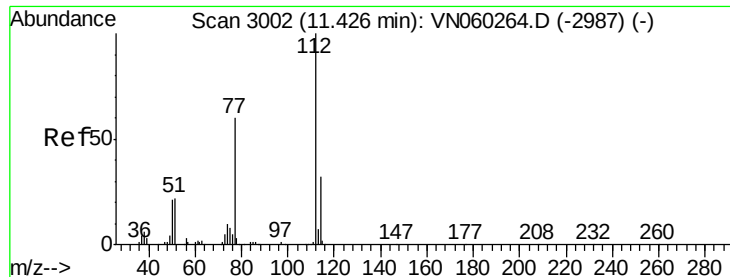
MMDadoda
3/10/2020 10:46:00 AM



#64
Tetrachloroethene
Concen: 19.98 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51160		
166	129.7	102.0	153.0	
129	94.1	76.4	114.6	
131	94.1	73.6	110.4	





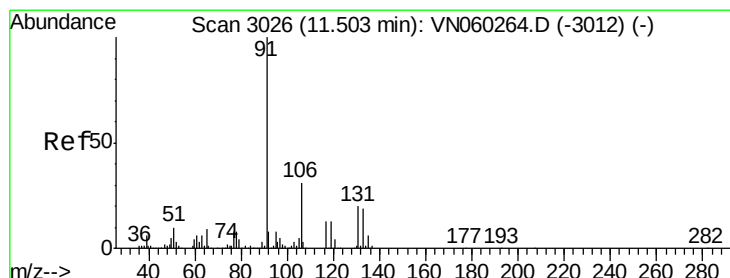
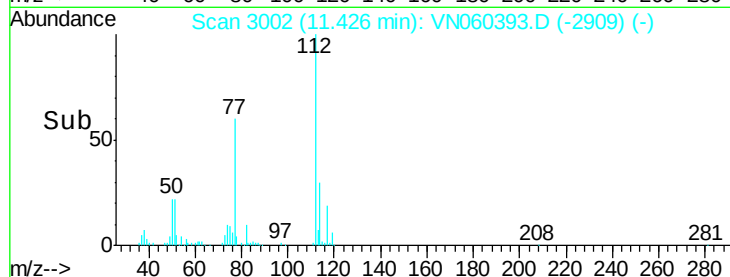
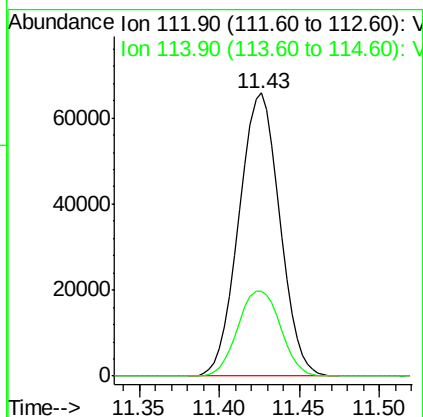
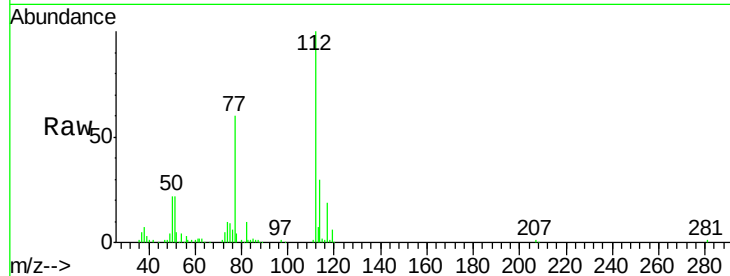
#65
Chlorobenzene
Concen: 18.19 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampled :
VN0309WBS01

Tgt Ion:112 Resp: 114603
Ion Ratio Lower Upper
112 100
114 29.9 25.4 38.0

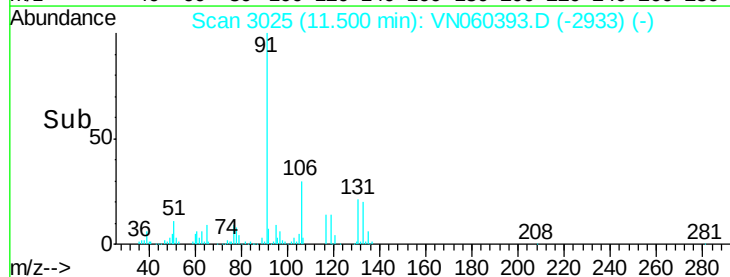
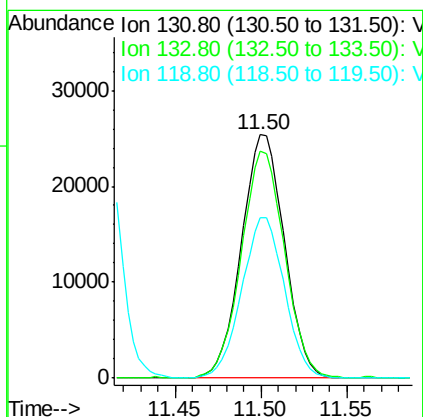
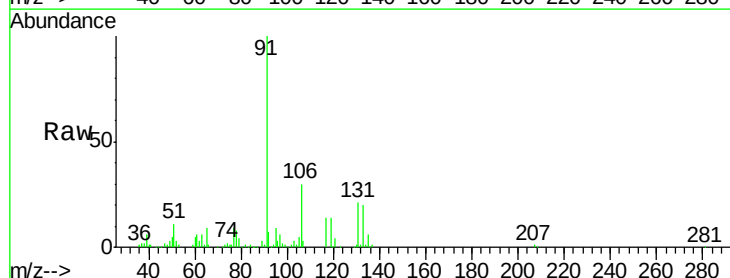
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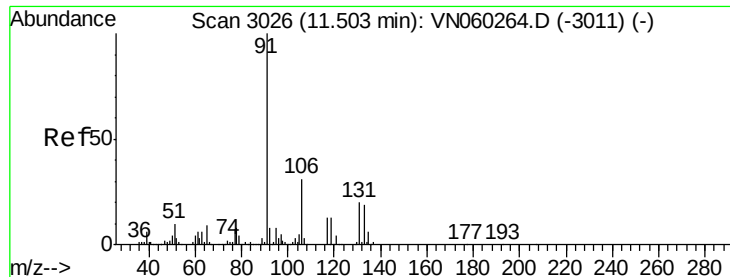
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.93 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion:131 Resp: 44095
Ion Ratio Lower Upper
131 100
133 94.1 47.7 143.1
119 65.5 33.2 99.6





#67

Ethyl Benzene

Concen: 18.44 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

ClientSampled :

VN0309WBS01

Tgt Ion: 91 Resp: 211521

Ion Ratio Lower Upper

91 100

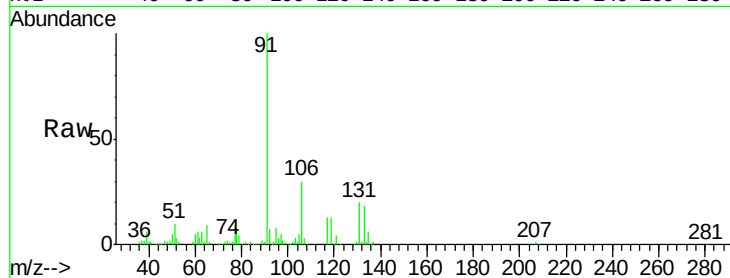
106 30.2 24.7 37.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN060264.D (-3011) (-)

Ion 106.00 (105.70 to 106.70): VN060264.D (-3011) (-)

150000

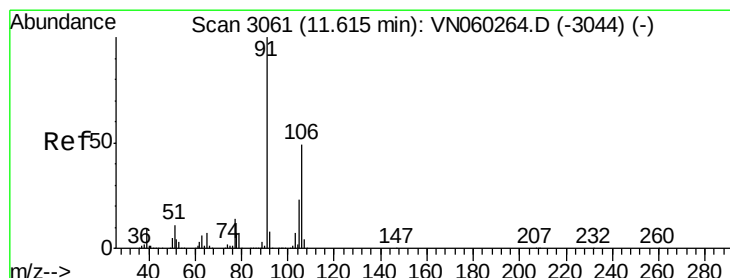
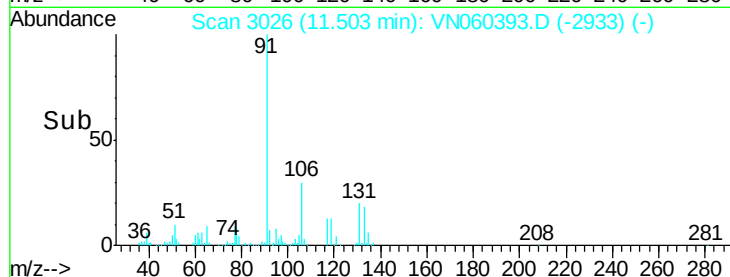
100000

50000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 36.06 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060393.D

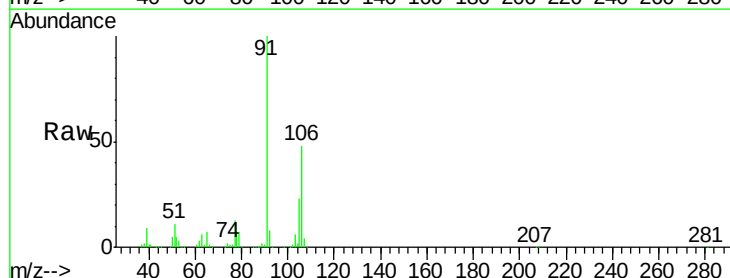
Acq: 9 Mar 2020 11:14

Tgt Ion: 106 Resp: 156035

Ion Ratio Lower Upper

106 100

91 207.2 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): VN060264.D (-3044) (-)

Ion 91.00 (90.70 to 91.70): VN060264.D (-3044) (-)

150000

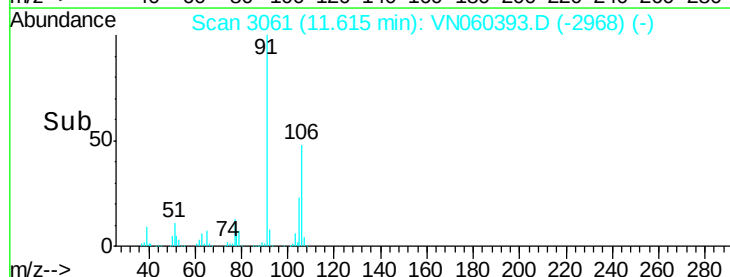
100000

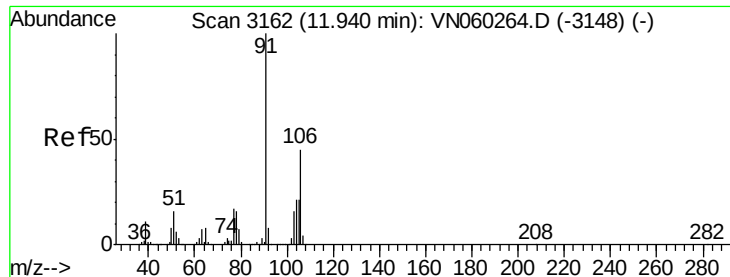
50000

0

11.55 11.60 11.65 11.70

Time-->





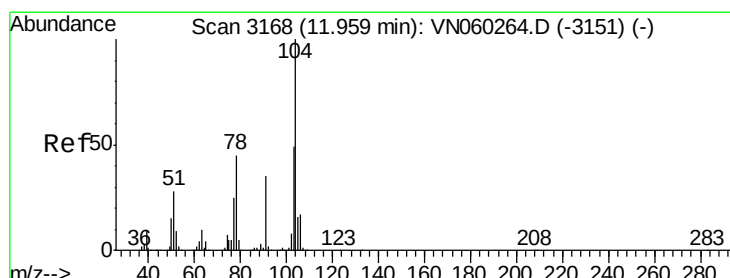
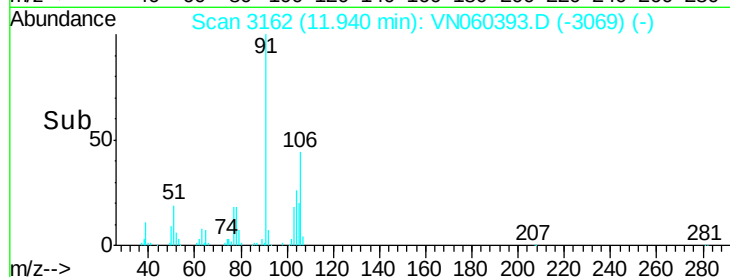
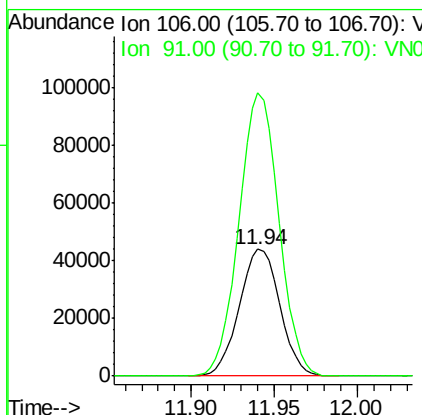
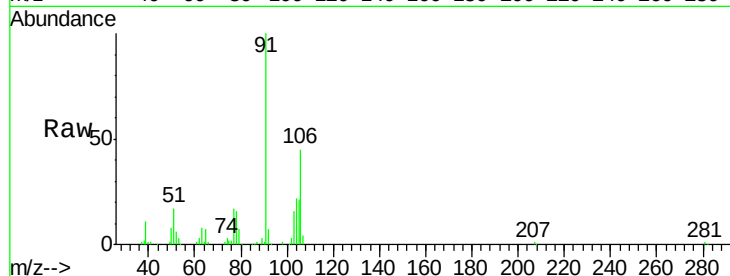
#69
o-Xylene
Concen: 18.19 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion:106 Resp: 75079
Ion Ratio Lower Upper
106 100
91 219.2 109.5 328.4

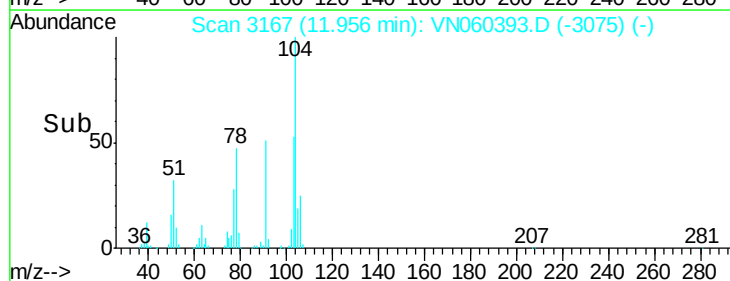
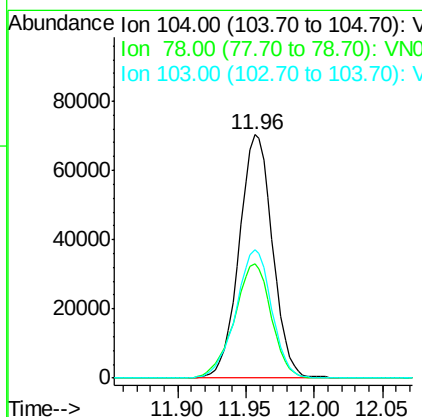
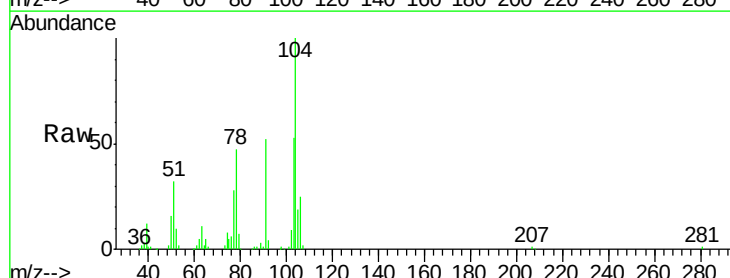
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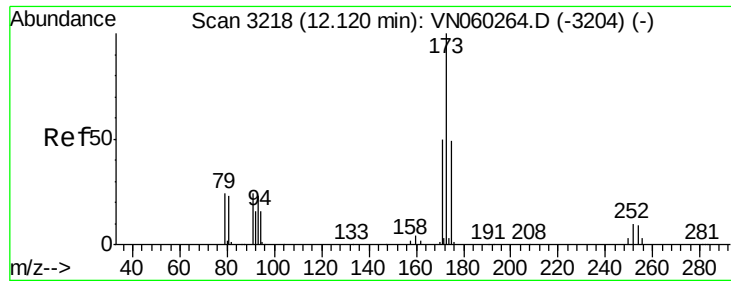
MMDadoda
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#70
Styrene
Concen: 17.62 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion:104 Resp: 119548
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 56.6 43.9 65.9





#71

Bromoform

Concen: 18.47 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

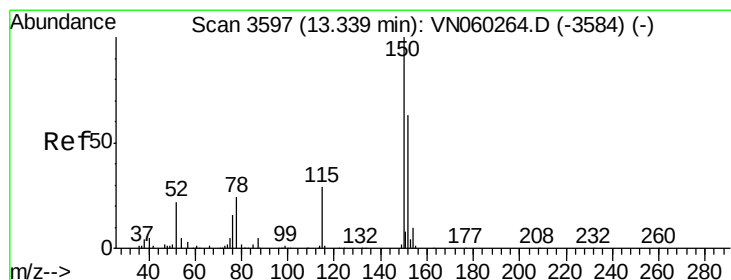
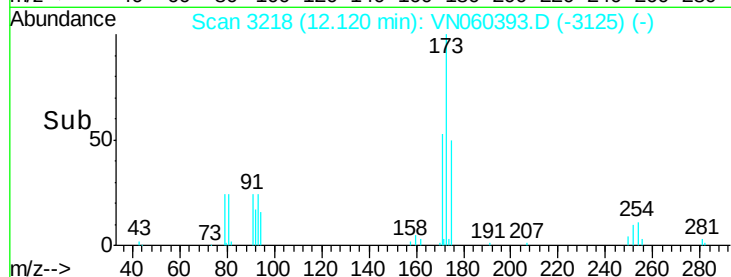
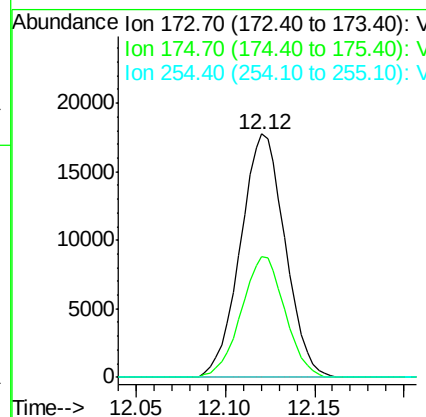
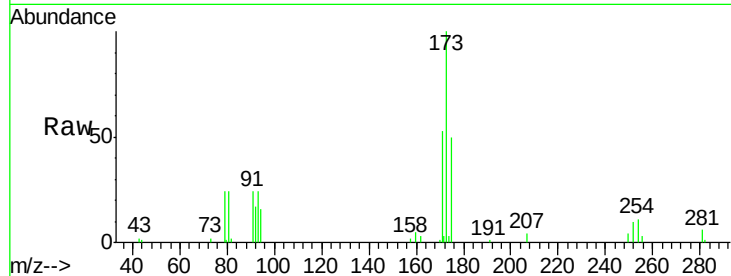
ClientSampleId :

VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.2
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

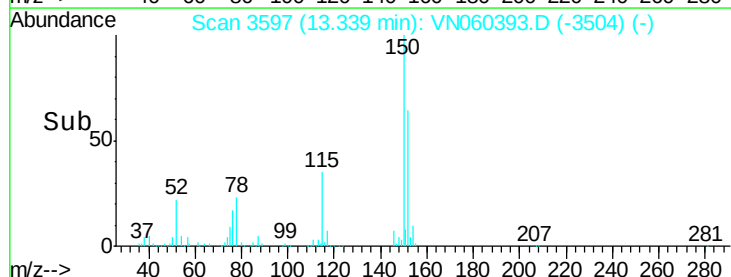
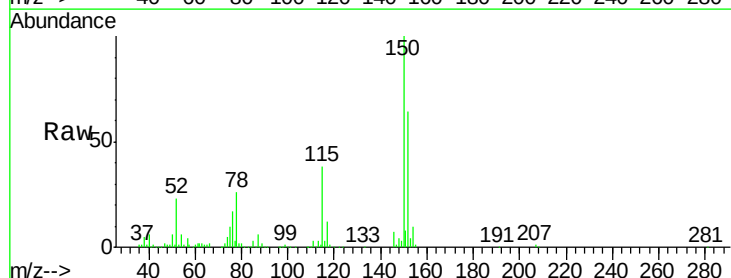
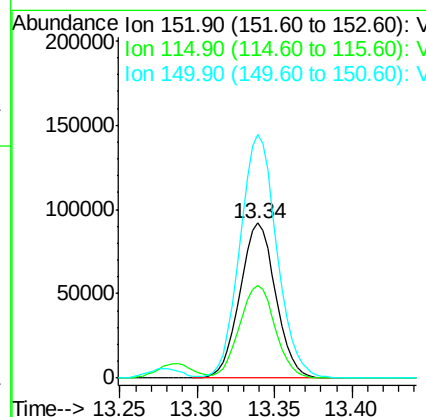
RT: 13.34 min Scan# 3597

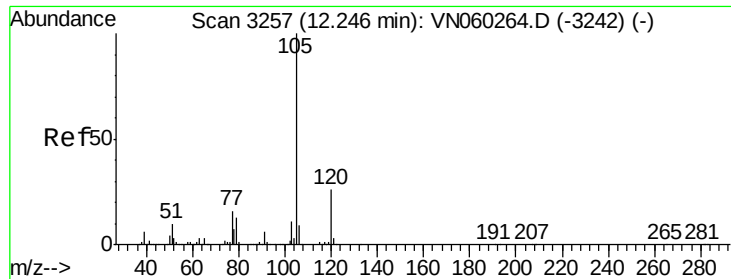
Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.0	90.0
150	162.9	0.0	349.6





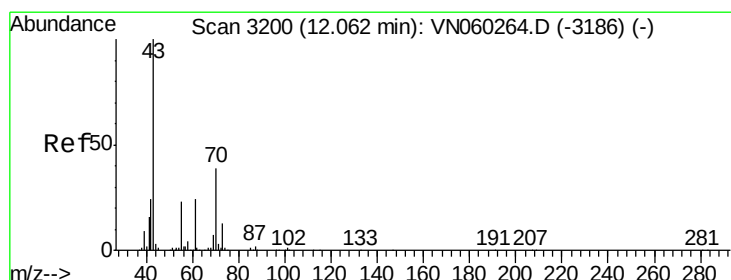
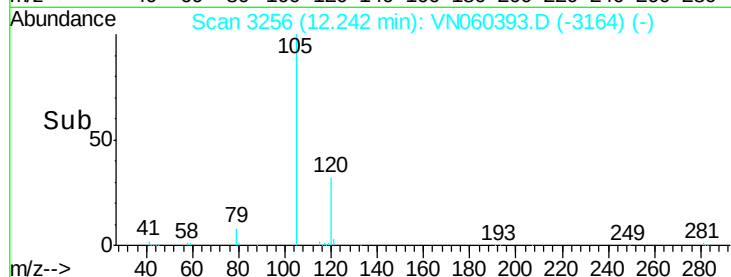
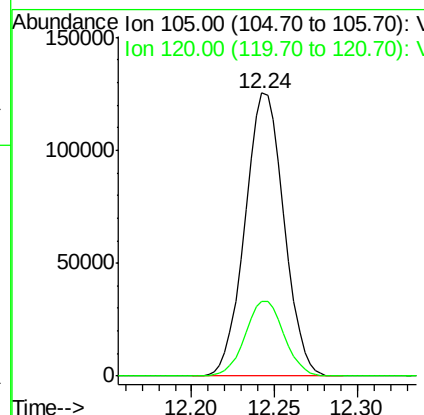
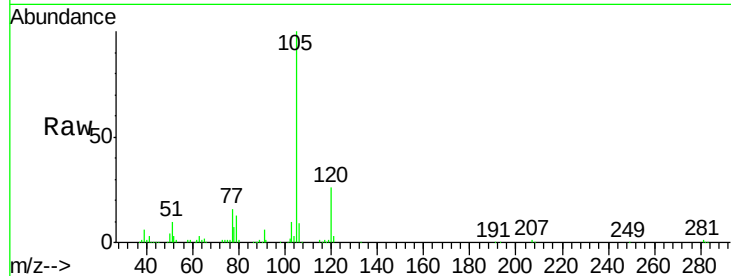
#73
Isopropylbenzene
Concen: 18.80 ug/l
RT: 12.24 min Scan# 3256
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	204900		
120	26.4	13.0	38.9	

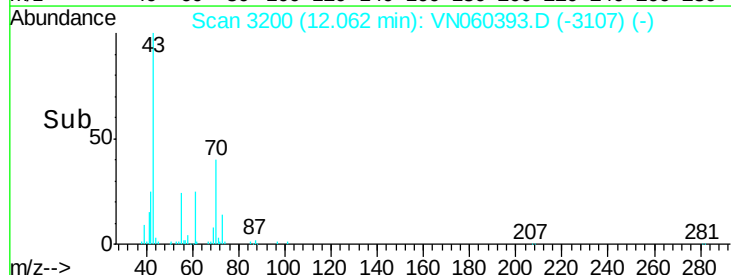
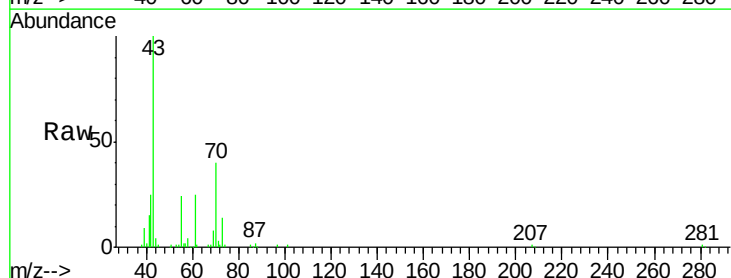
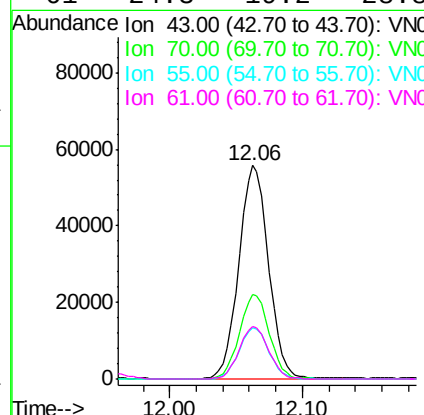
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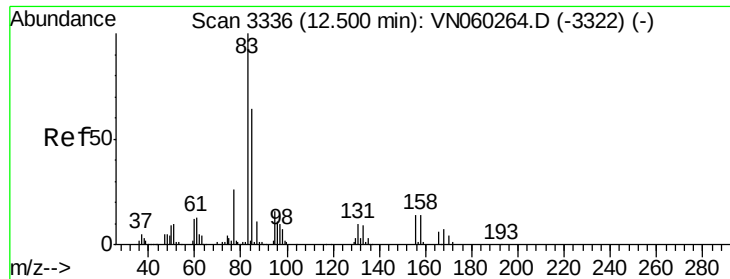
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#74
N-ethyl acetate
Concen: 18.27 ug/l
RT: 12.06 min Scan# 3200
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	87000		
70	39.6	32.2	48.2	
55	23.6	18.2	27.4	
61	24.3	19.2	28.8	





#75

1,1,2,2-Tetrachloroethane

Concen: 19.45 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

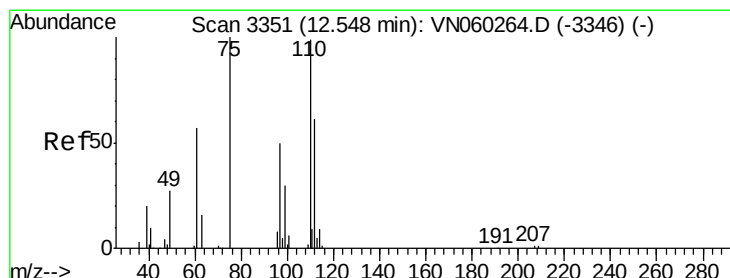
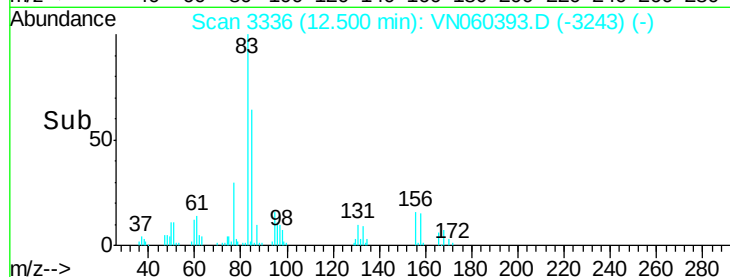
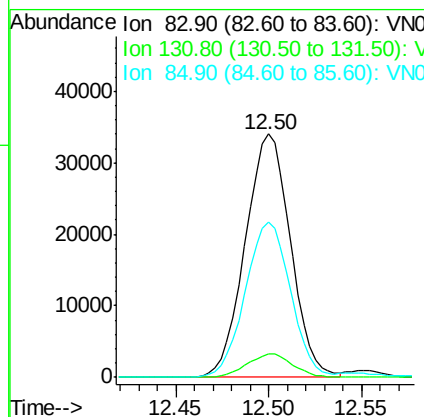
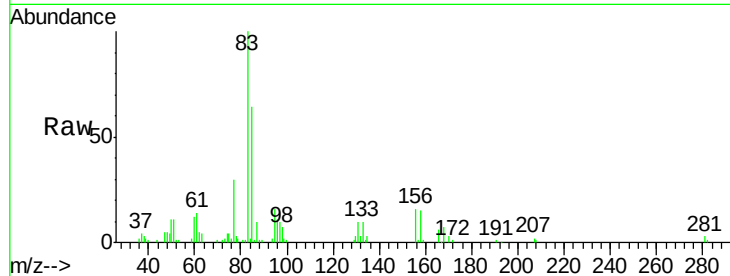
ClientSampled :

VN0309WBS01

Tgt Ion:	83	Resp:	57611
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.1	15.3
85	63.9	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 17.17 ug/l m

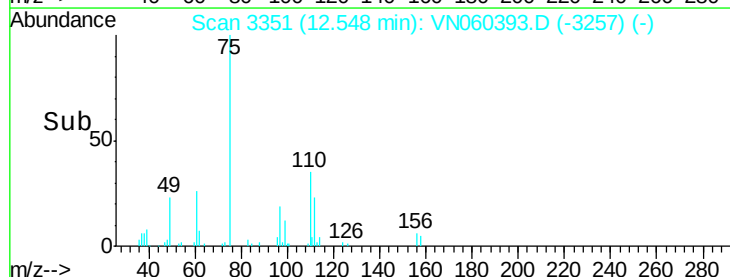
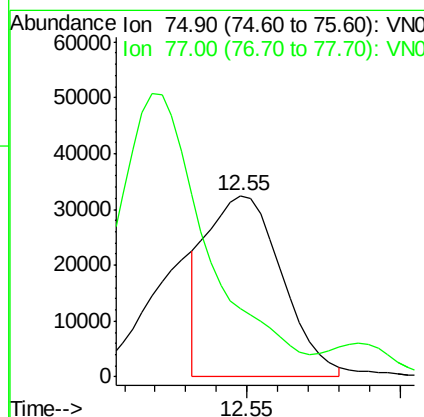
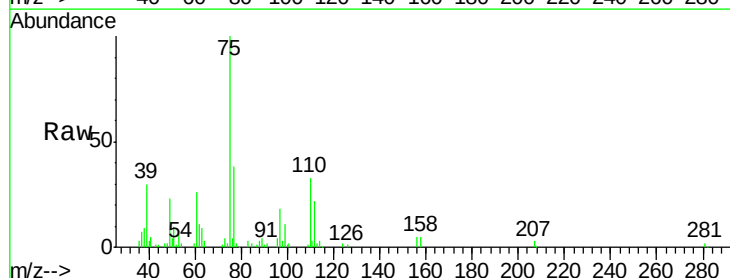
RT: 12.55 min Scan# 3351

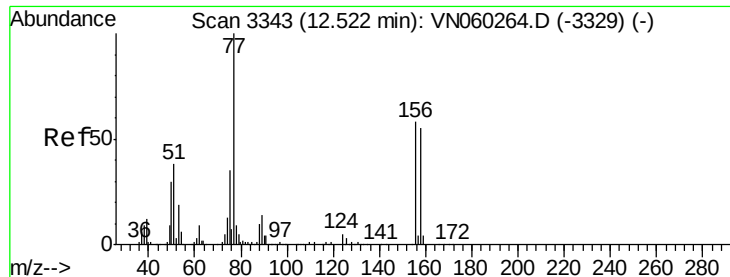
Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Tgt Ion:	75	Resp:	55368
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.16 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

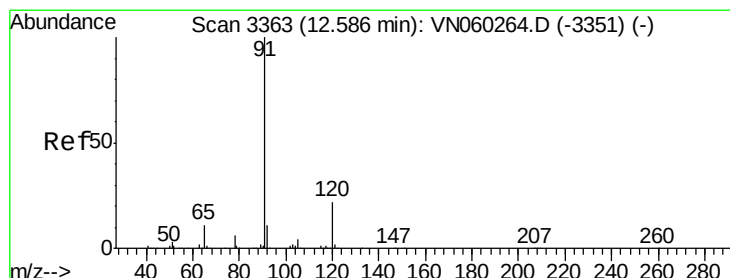
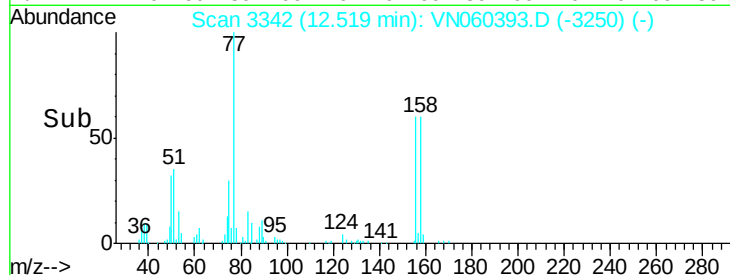
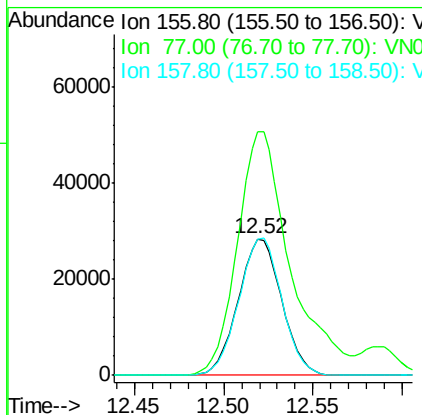
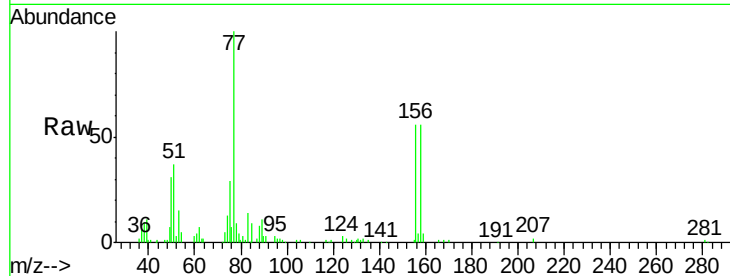
ClientSampleId :

VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	216.4	106.1	318.3
158	99.6	48.3	144.8

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#78

n-propylbenzene

Concen: 18.51 ug/l

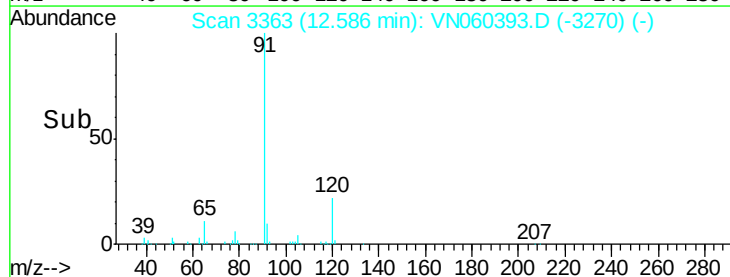
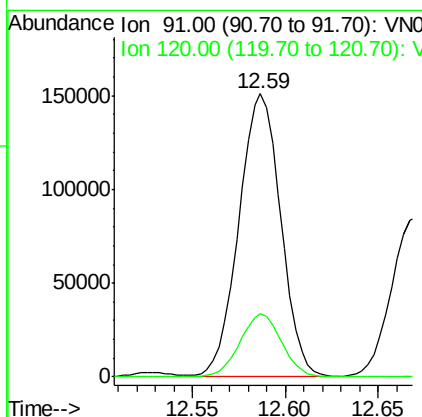
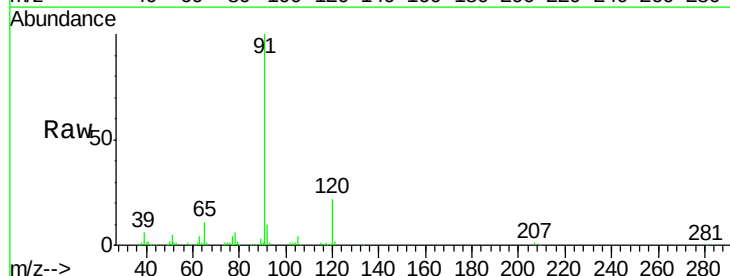
RT: 12.59 min Scan# 3363

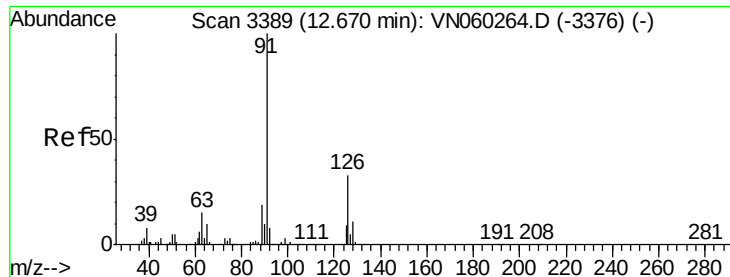
Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.3	33.9





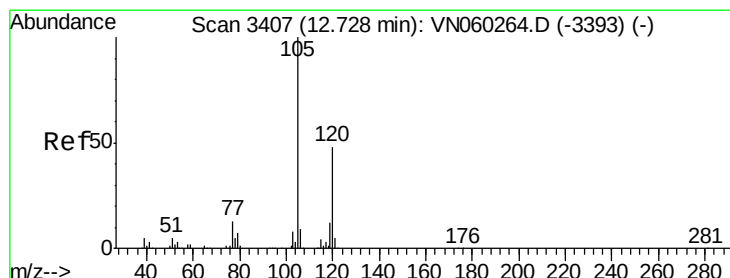
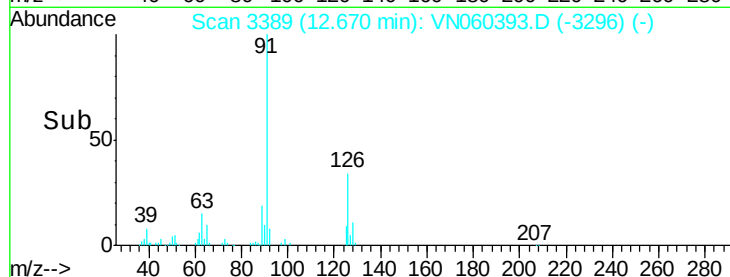
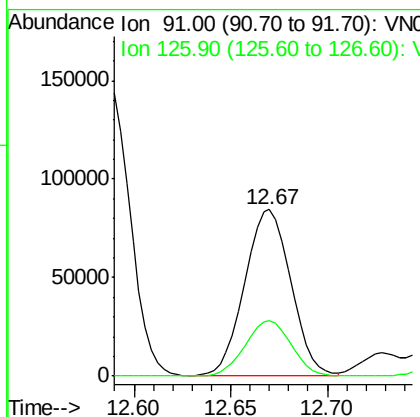
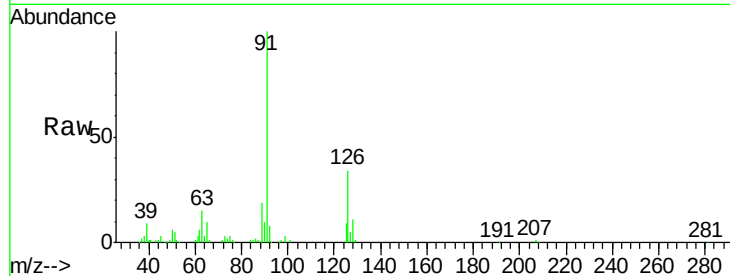
#79
 2-Chlorotoluene
 Concen: 18.77 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Tgt Ion: 91 Resp: 140903
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.6 49.8

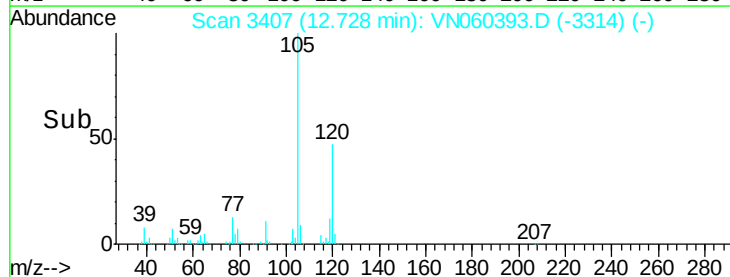
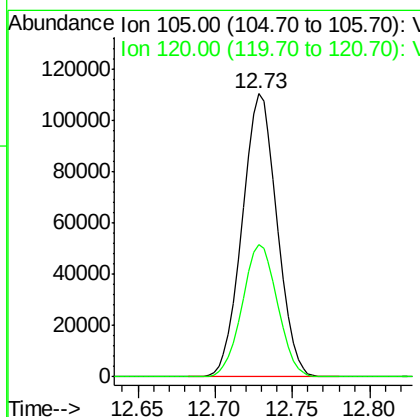
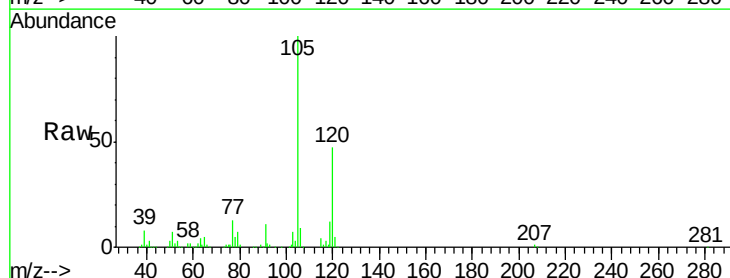
Manual Integrations
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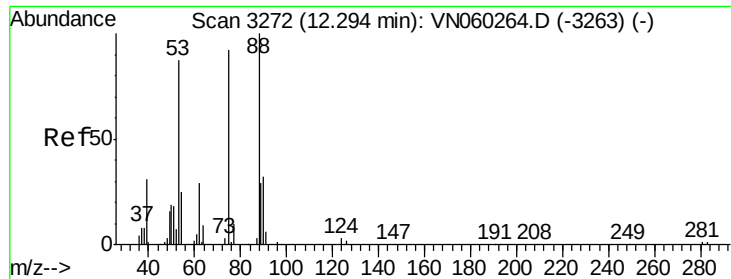
MMDadoda
 3/10/2020 10:46:00 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.87 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Tgt Ion: 105 Resp: 173124
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.1 72.4





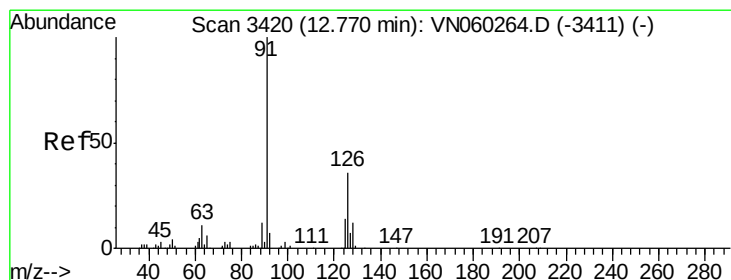
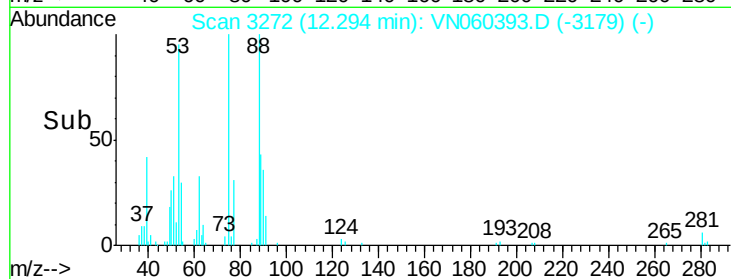
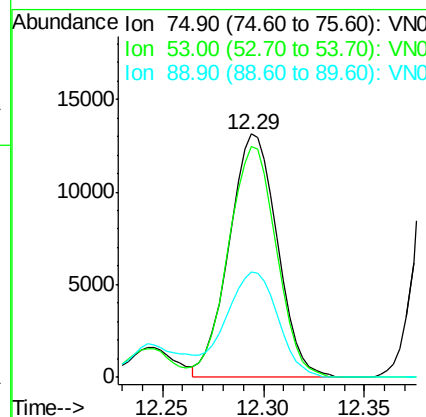
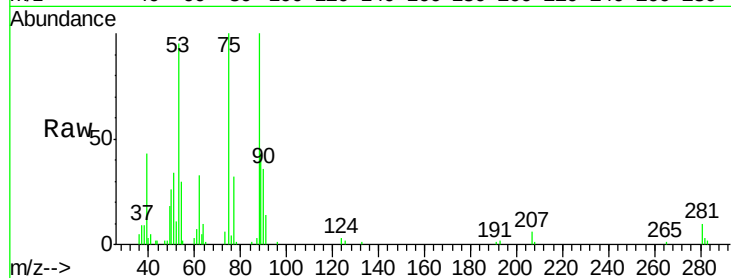
#81
trans-1,4-Dichloro-2-butene
Concen: 18.75 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.9	73.8	110.6
89	46.4	57.1	85.7#

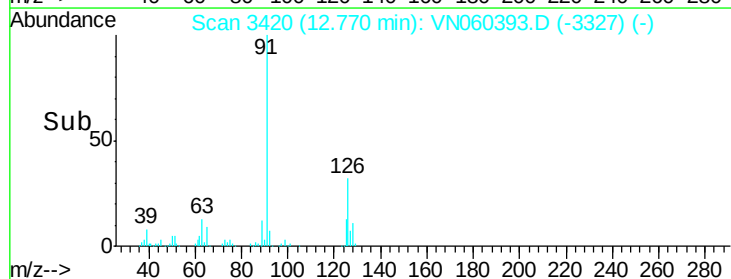
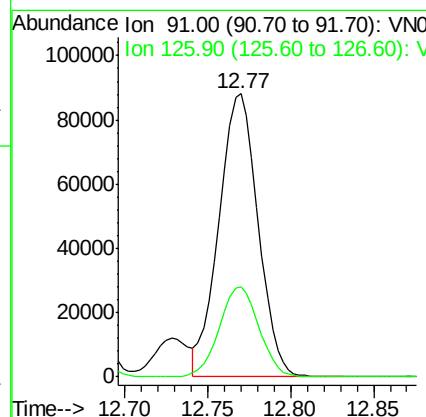
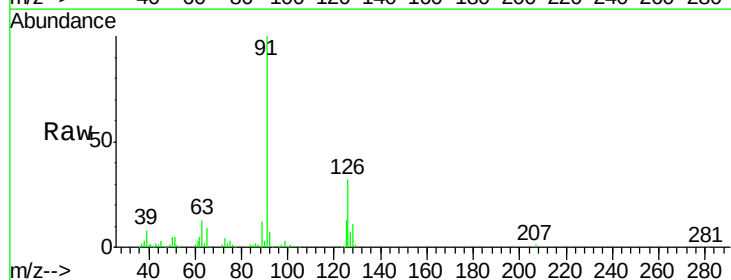
Manual Integrations
APPROVED

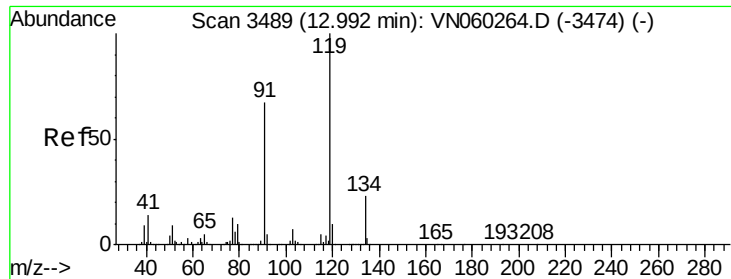
MMDadoda
3/10/2020 10:46:00 AM



#82
4-Chlorotoluene
Concen: 18.28 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.7	50.1





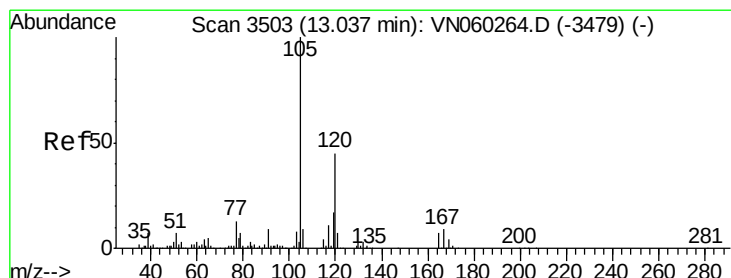
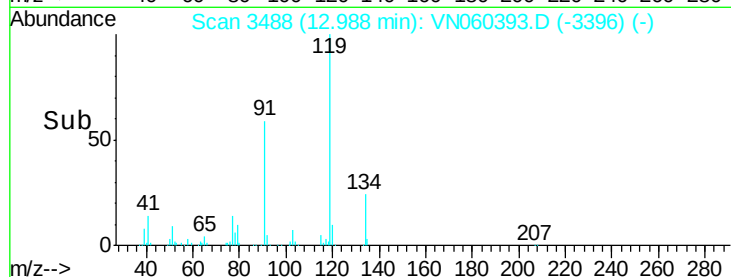
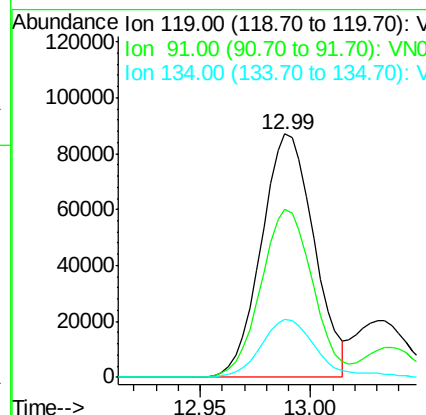
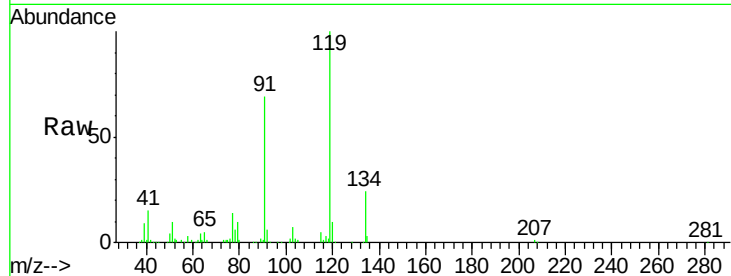
#83
 tert-Butylbenzene
 Concen: 18.17 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.1	33.1	99.2
134	25.0	12.4	37.0

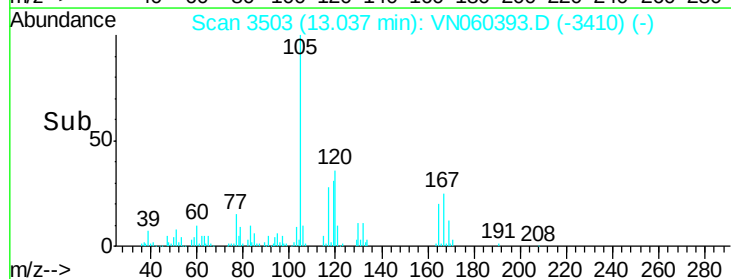
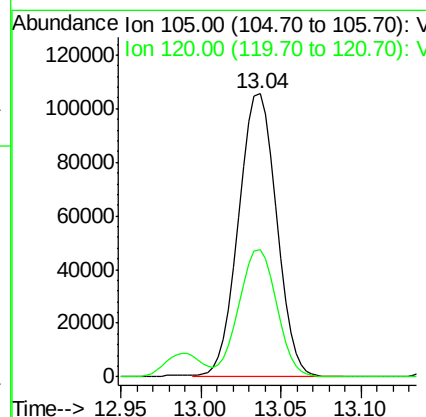
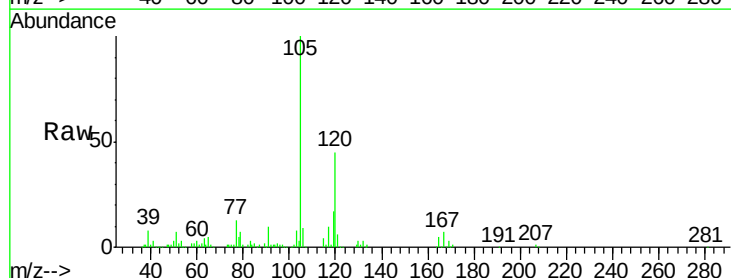
Manual Integrations
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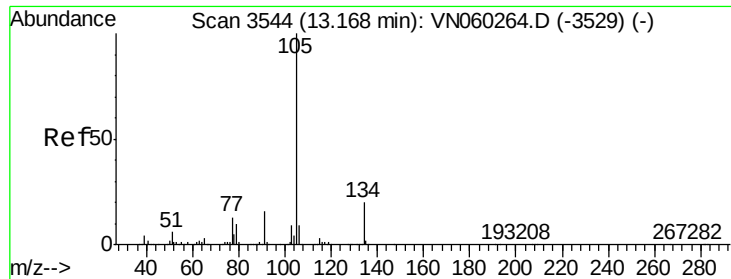
MMDadoda
 3/10/2020 10:46:00 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.48 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.3	66.9





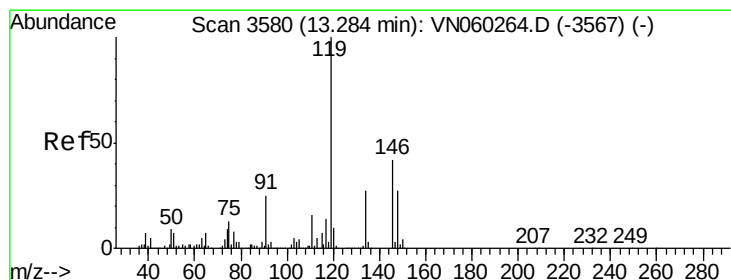
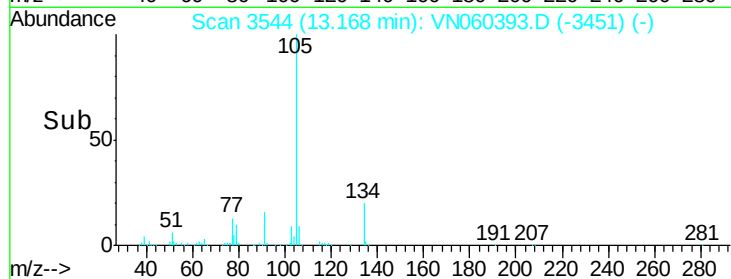
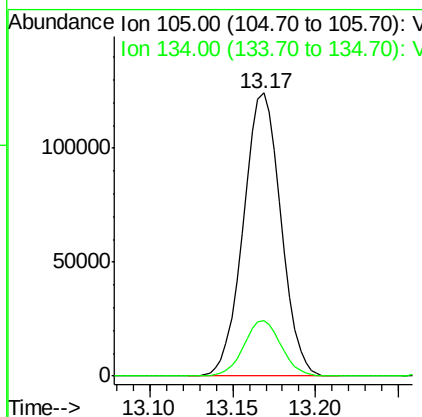
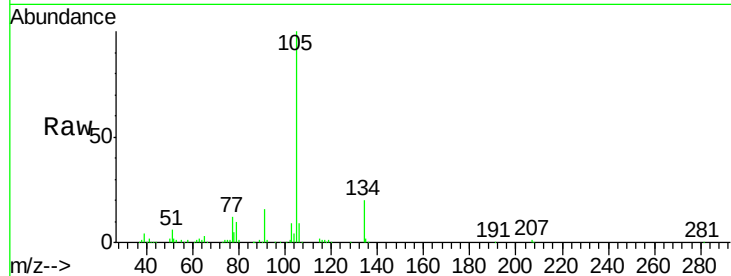
#85
 sec-Butylbenzene
 Concen: 18.44 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0309WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	196113		
134	19.5	9.8	29.5	

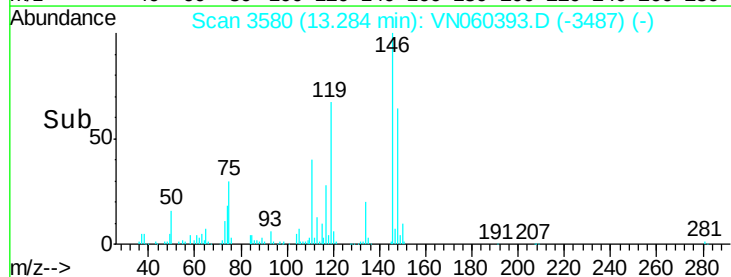
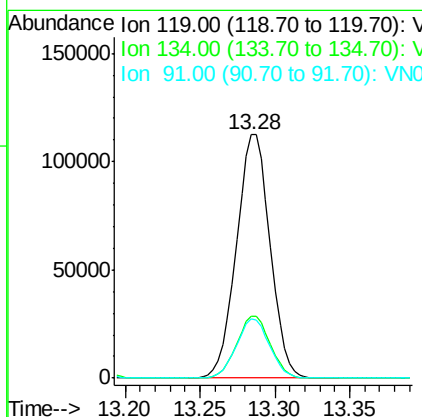
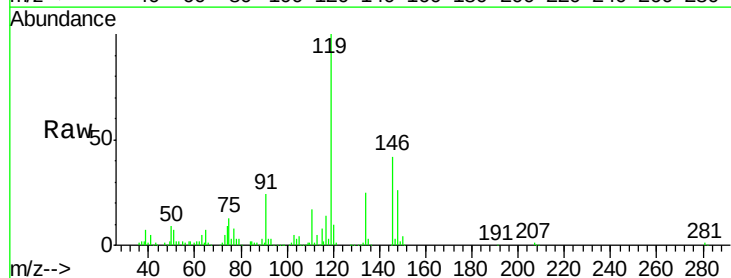
Manual Integrations
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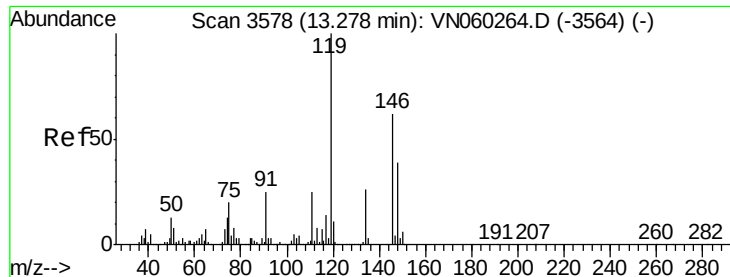
MMDadoda
 3/10/2020 10:46:00 AM



#86
 p-Isopropyltoluene
 Concen: 17.89 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	176091		
134	25.5	13.2	39.6	
91	24.1	12.2	36.6	





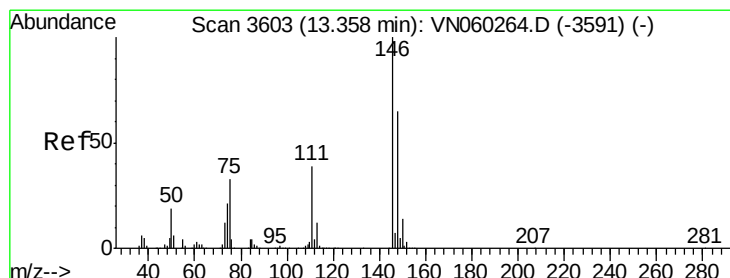
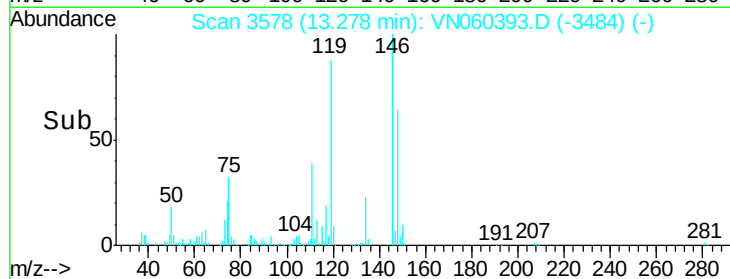
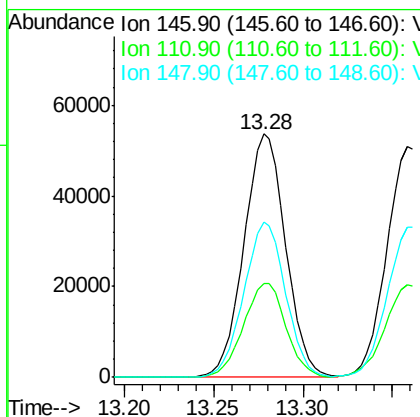
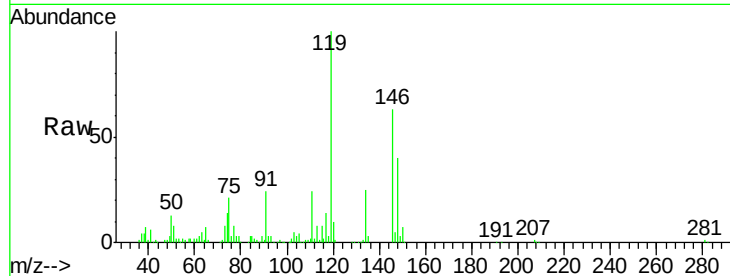
#87
 1,3-Dichlorobenzene
 Concen: 18.93 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	59.9
148	63.7	32.1	96.3

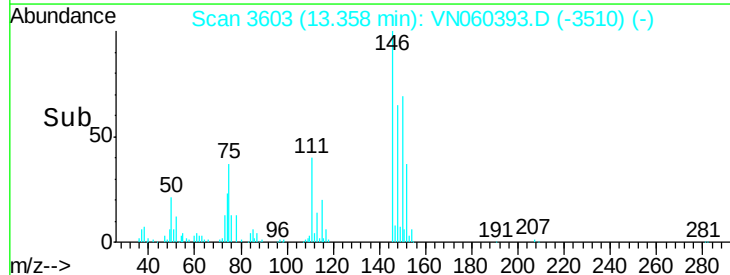
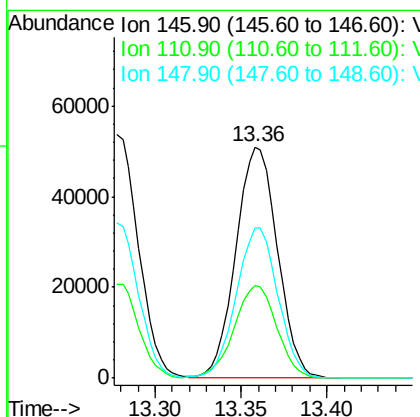
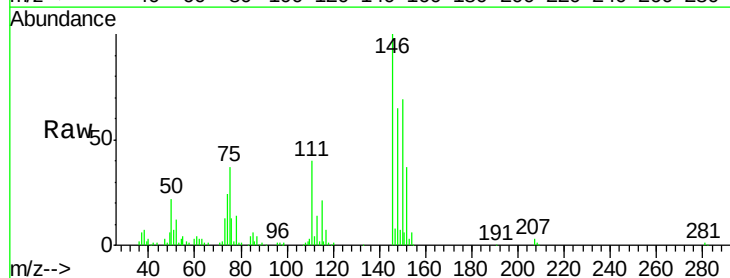
Manual Integrations
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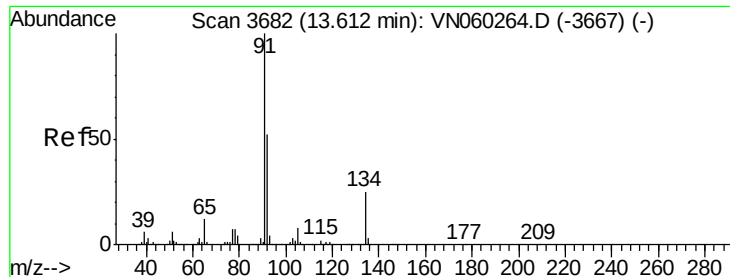
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 3/10/2020 10:46:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.61 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.8	59.4
148	65.2	32.3	96.9





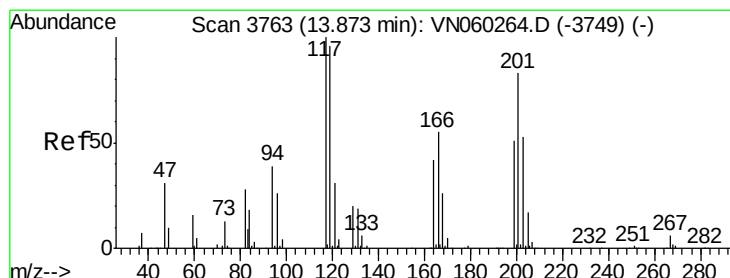
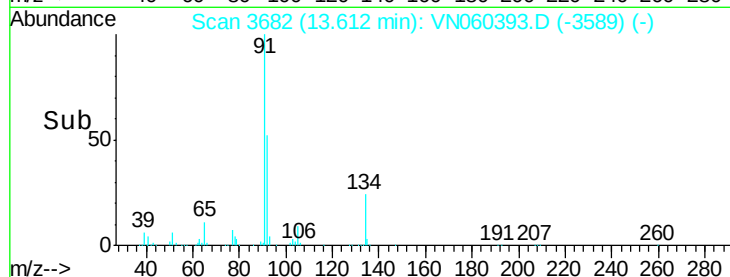
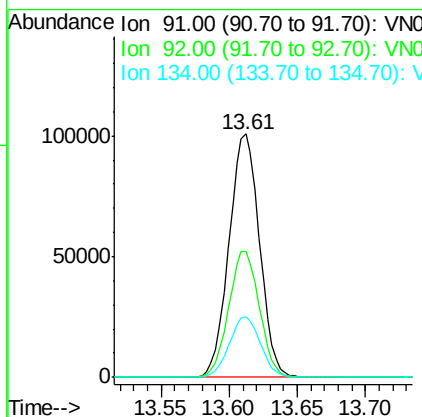
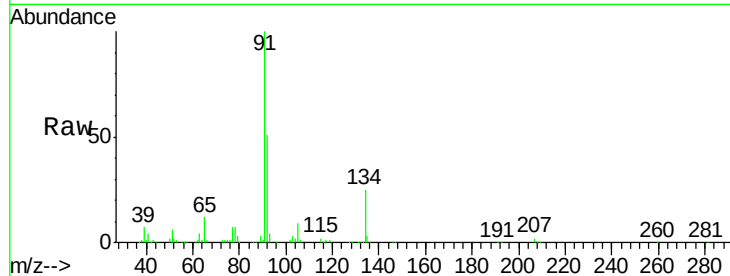
#89
n-Butylbenzene
Concen: 17.33 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	25.4	12.7	38.1

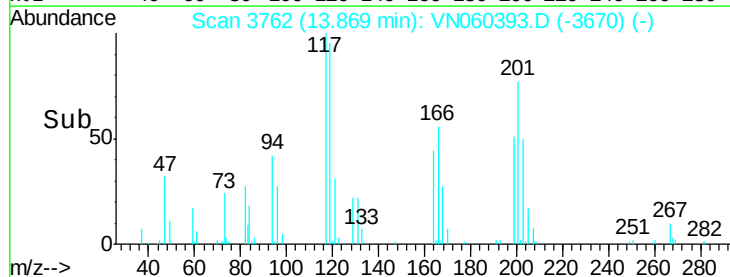
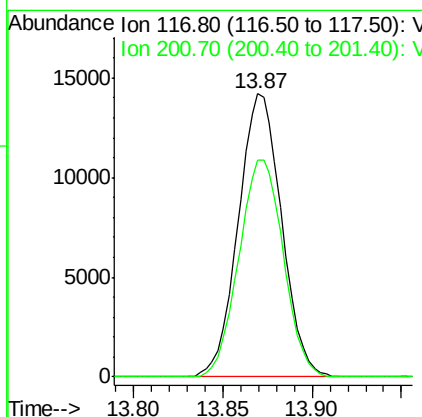
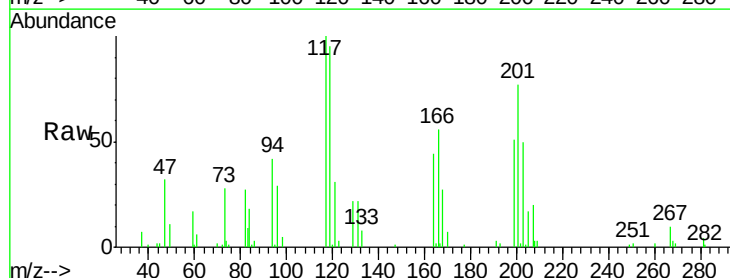
Manual Integrations
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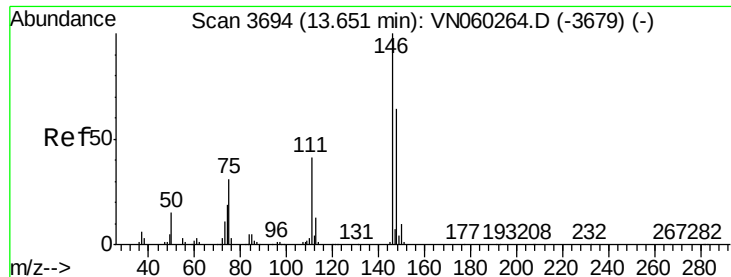
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3/10/2020 10:46:00 AM



#90
Hexachloroethane
Concen: 16.87 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060393.D
Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	41.0	123.0





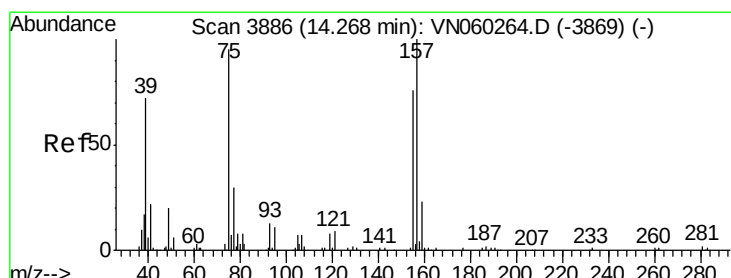
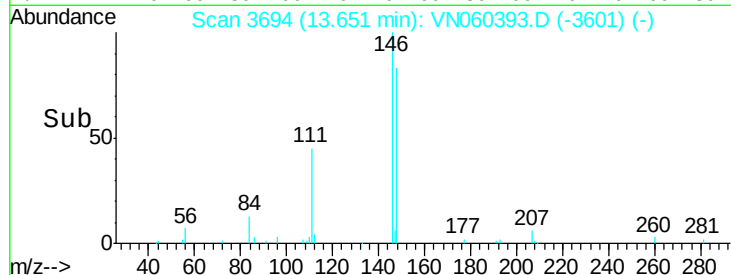
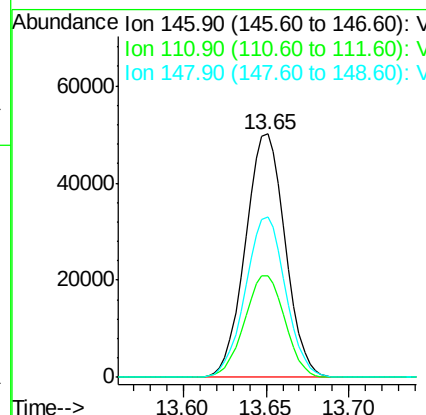
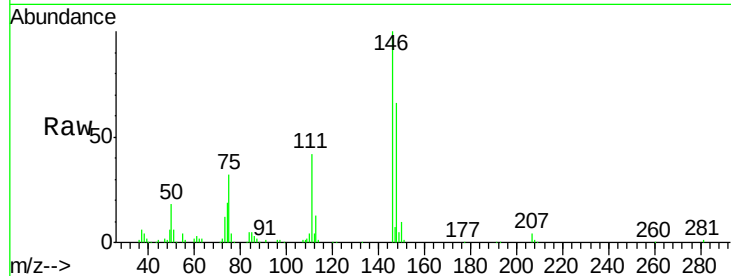
#91
 1,2-Dichlorobenzene
 Concen: 17.94 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.3	61.0
148	66.4	31.8	95.3

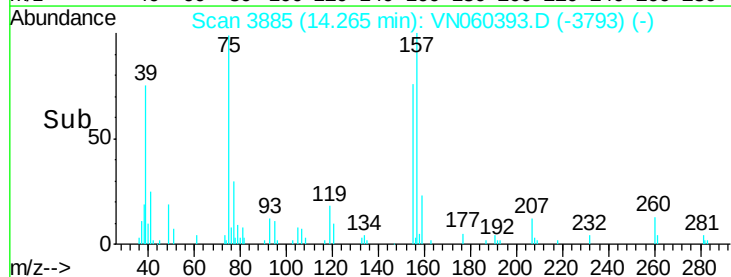
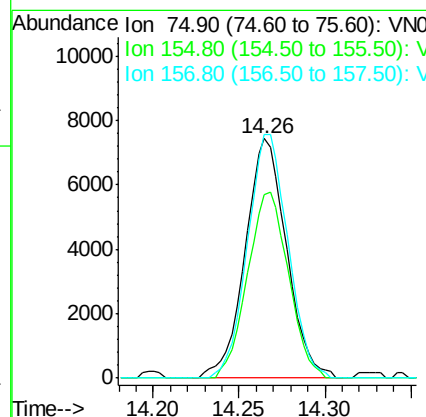
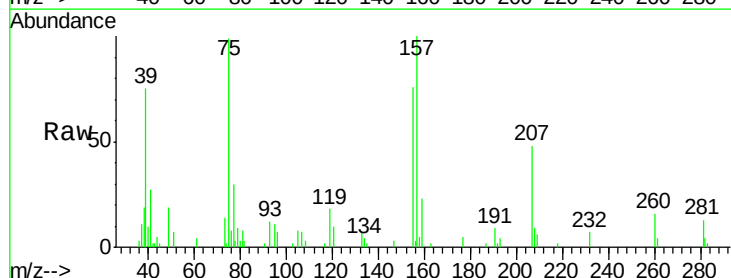
Manual Integrations
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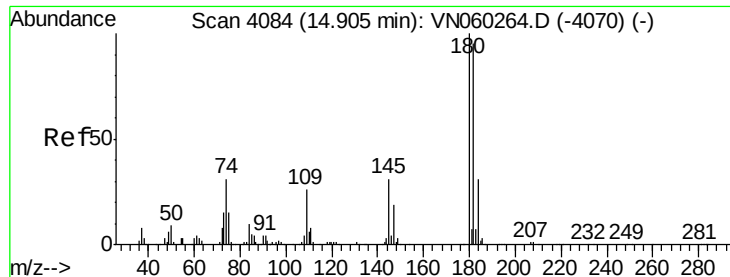
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 3/10/2020 10:46:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.55 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.7	40.4	121.2
157	99.4	52.5	157.5





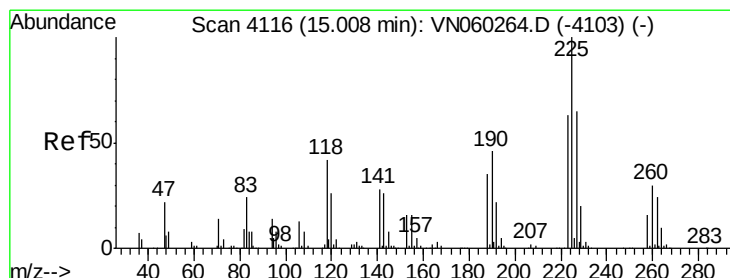
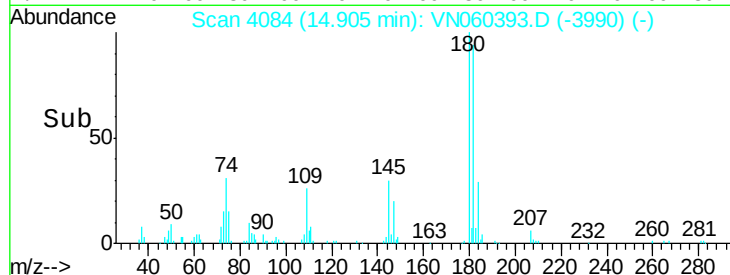
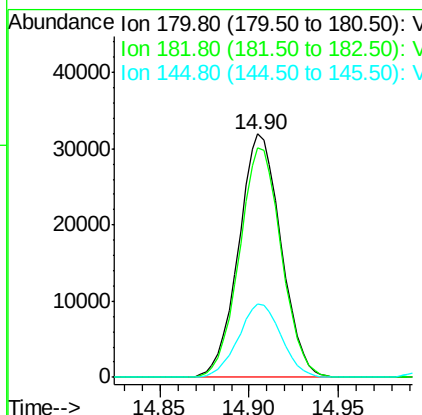
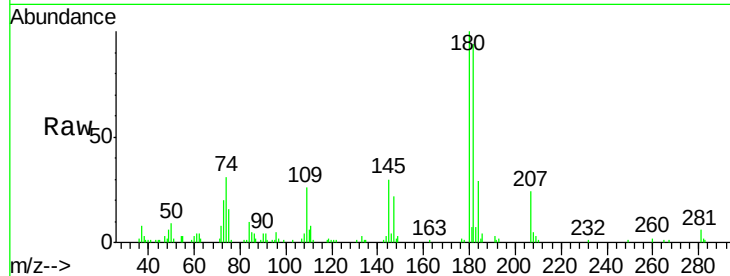
#93
 1,2,4-Trichlorobenzene
 Concen: 17.76 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0309WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.8	143.3
145	30.7	15.4	46.1

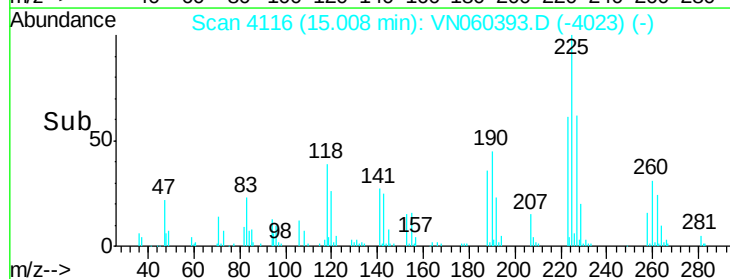
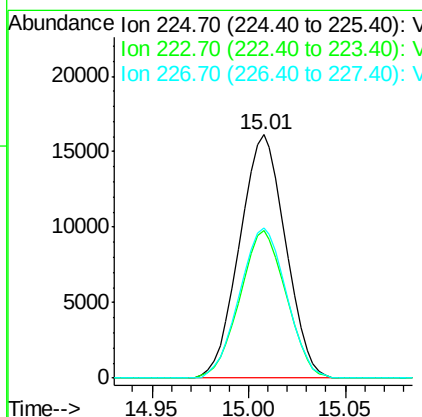
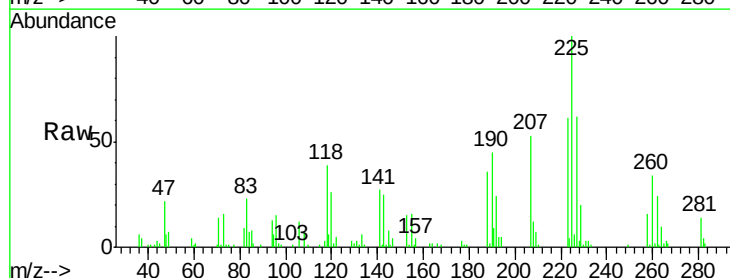
Manual Integrations
 APPROVED

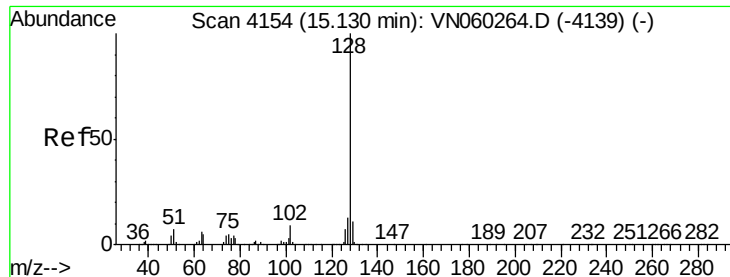
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 3/10/2020 10:46:00 AM



#94
 Hexachlorobutadiene
 Concen: 19.14 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060393.D
 Acq: 9 Mar 2020 11:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.3	93.9
227	63.0	32.3	96.9





#95

Naphthalene

Concen: 17.08 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Instrument :

MSVOA_N

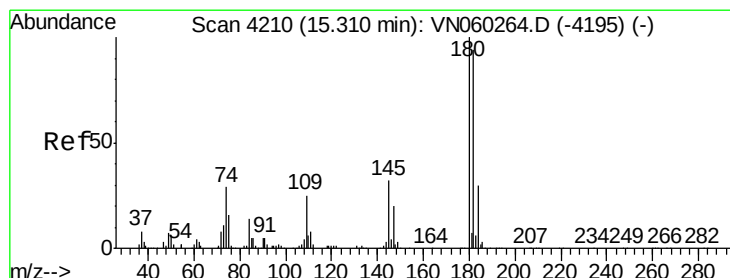
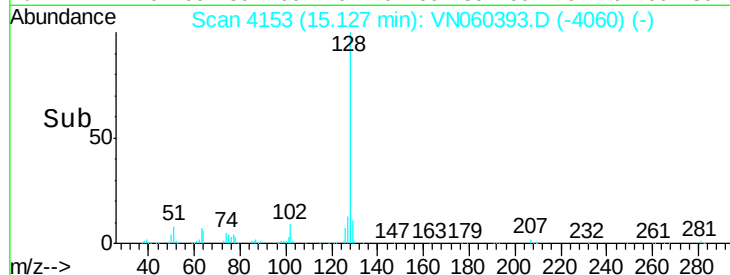
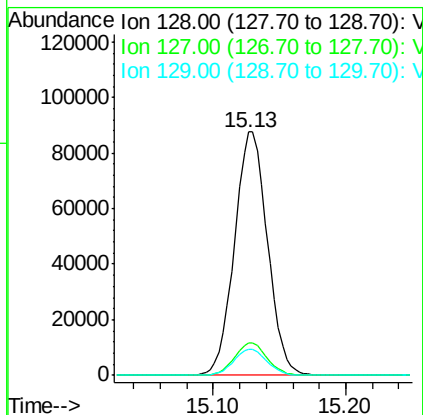
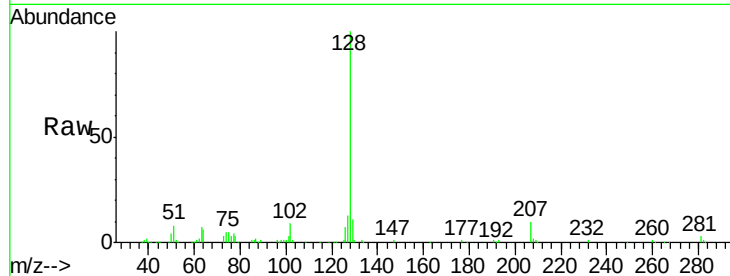
ClientSampleId :

VN0309WBS01

Tgt Ion:	128	Resp:	151205
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/10/2020 10:46:00 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.80 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060393.D

Acq: 9 Mar 2020 11:14

Tgt Ion:	180	Resp:	50193
Ion Ratio		Lower	Upper
180	100		
182	95.8	47.3	142.0
145	32.2	16.2	48.5

