

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059051.D
 Acq On : 1 Nov 2019 10:25
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 1:58:37 PM

Quant Time: Nov 02 04:39:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	456831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	737853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	652094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	251905	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	4823	0.873	ug/l	92
3) Chloromethane	2.04	50	7318	1.055	ug/l	97
4) Vinyl Chloride	2.17	62	6568	0.957	ug/l	100
6) Chloroethane	2.68	64	4643	1.065	ug/l	93
7) Trichlorofluoromethane	3.00	101	7606	0.902	ug/l	89
8) Diethyl Ether	3.39	74	2834	0.945	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4659	0.979	ug/l	97
12) 1,1-Dichloroethene	3.72	96	4684	1.047	ug/l	97
14) Allyl chloride	4.30	41	9464m	1.048	ug/l	
15) Acrylonitrile	4.97	53	12928	4.663	ug/l #	86
16) Acetone	3.79	43	14511	4.483	ug/l	96
17) Carbon Disulfide	4.03	76	15675	1.093	ug/l	100
18) Methyl Acetate	4.30	43	9593	1.280	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	15454	0.993	ug/l	93
20) Methylene Chloride	4.52	84	5856	1.045	ug/l	93
21) trans-1,2-Dichloroethene	5.01	96	4944	1.005	ug/l	97
22) Diisopropyl ether	5.92	45	15239	0.867	ug/l #	57
23) Vinyl Acetate	5.87	43	60886	4.334	ug/l	99
24) 1,1-Dichloroethane	5.82	63	10025	0.984	ug/l #	84
25) 2-Butanone	6.81	43	18726	4.428	ug/l	99
26) 2,2-Dichloropropane	6.79	77	9404	1.071	ug/l	91
27) cis-1,2-Dichloroethene	6.80	96	5393	0.962	ug/l	93
28) Bromochloromethane	7.17	49	3582	1.071	ug/l #	91
29) Tetrahydrofuran	7.19	42	11325	4.367	ug/l #	81
30) Chloroform	7.35	83	10220	1.006	ug/l	93
32) 1,1,1-Trichloroethane	7.54	97	7750	0.908	ug/l #	51
36) 1,1-Dichloropropene	7.77	75	7068	0.951	ug/l	96
37) Ethyl Acetate	6.91	43	7548m	0.931	ug/l	
38) Carbon Tetrachloride	7.75	117	6852	0.897	ug/l	98
39) Methylcyclohexane	9.07	83	7236	0.860	ug/l #	86
40) Benzene	8.02	78	21186	0.967	ug/l	98
41) Methacrylonitrile	7.16	41	3189m	0.868	ug/l	
42) 1,2-Dichloroethane	8.11	62	7366	0.886	ug/l	88
43) Isopropyl Acetate	8.15	43	11161	0.856	ug/l #	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	5509	1.030	ug/l	96
45) 1,2-Dichloropropane	9.10	63	5598	0.932	ug/l	97
46) Dibromomethane	9.19	93	3398	0.899	ug/l	92
47) Bromodichloromethane	9.39	83	6874	0.884	ug/l #	97
48) Methyl methacrylate	9.19	41	5262	0.896	ug/l	94
49) 1,4-Dioxane	9.18	88	1568	15.868	ug/l #	77
51) 4-Methyl-2-Pentanone	9.97	43	32419	4.279	ug/l	95
52) Toluene	10.15	92	10977	0.847	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	8277	0.959	ug/l	94
54) cis-1,3-Dichloropropene	9.83	75	7776	0.841	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	5012	0.937	ug/l #	93
56) Ethyl methacrylate	10.42	69	5888	0.746	ug/l #	85
57) 1,3-Dichloropropane	10.70	76	8371	0.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	11969	3.604	ug/l	97
59) 2-Hexanone	10.75	43	22412	3.835	ug/l	96
60) Dibromochloromethane	10.90	129	5239	0.911	ug/l	91
61) 1,2-Dibromoethane	11.00	107	4691	0.859	ug/l	98
64) Tetrachloroethene	10.63	164	4852	1.074	ug/l	89
65) Chlorobenzene	11.43	112	13667	1.040	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	4830	0.975	ug/l #	63
67) Ethyl Benzene	11.51	91	20936	0.910	ug/l	98
68) m/p-Xylenes	11.62	106	14780	1.735	ug/l	93
69) o-Xylene	11.95	106	6997	0.859	ug/l	94
70) Styrene	11.96	104	10381	0.781	ug/l	96
71) Bromoform	12.12	173	3230	0.837	ug/l #	97
73) Isopropylbenzene	12.25	105	18373	1.007	ug/l	99
74) N-amyl acetate	12.07	43	7008	0.852	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	7190	1.121	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	6063m	1.038	ug/l	
77) Bromobenzene	12.53	156	4983	1.106	ug/l	92
78) n-propylbenzene	12.59	91	21318	0.989	ug/l	95
79) 2-Chlorotoluene	12.68	91	13672	1.035	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	15205	0.995	ug/l	94
82) 4-Chlorotoluene	12.78	91	13973	1.038	ug/l	98
83) tert-Butylbenzene	13.00	119	12617	0.964	ug/l	97
84) 1,2,4-Trimethylbenzene	13.05	105	12939	0.859	ug/l	93
85) sec-Butylbenzene	13.17	105	15930	0.915	ug/l	100
86) p-Isopropyltoluene	13.29	119	14289	0.929	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	8633	1.075	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	8242m	1.025	ug/l	
89) n-Butylbenzene	13.62	91	11463	0.816	ug/l	97
90) Hexachloroethane	13.88	117	3209	1.027	ug/l	91
91) 1,2-Dichlorobenzene	13.66	146	8915	1.131	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1771	1.234	ug/l	70
93) 1,2,4-Trichlorobenzene	14.92	180	4033	0.932	ug/l	88
94) Hexachlorobutadiene	15.01	225	2712	1.056	ug/l	88
95) Naphthalene	15.13	128	11026	0.920	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	4556	1.070	ug/l	90

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VSTDICC001

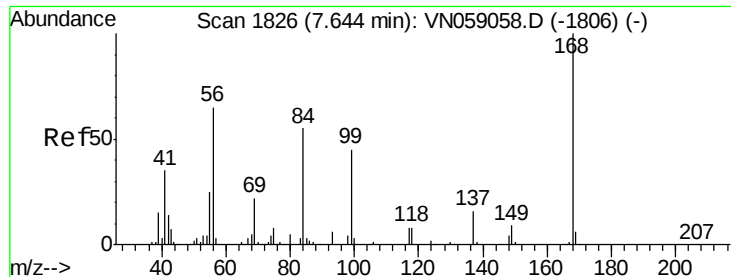
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:168 Resp: 456831

Ion Ratio Lower Upper

168 100

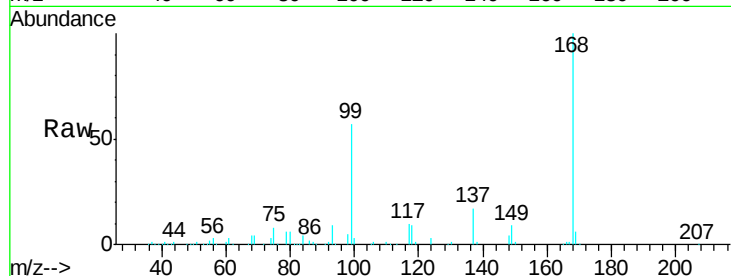
99 56.9 44.1 66.1

Manual Integrations

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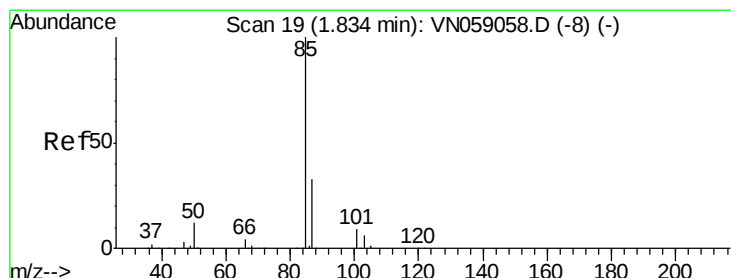
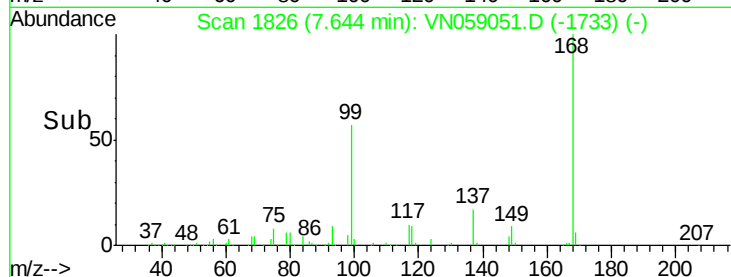
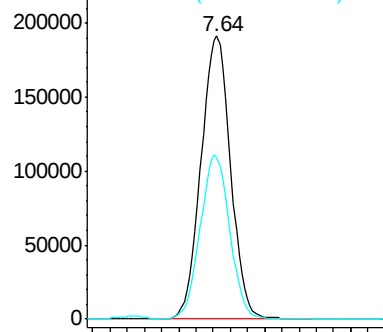
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.873 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059051.D

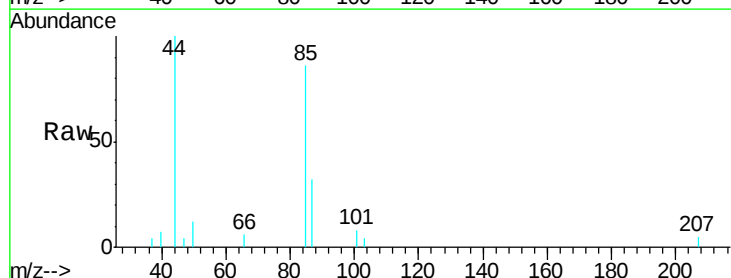
Acq: 1 Nov 2019 10:25

Tgt Ion: 85 Resp: 4823

Ion Ratio Lower Upper

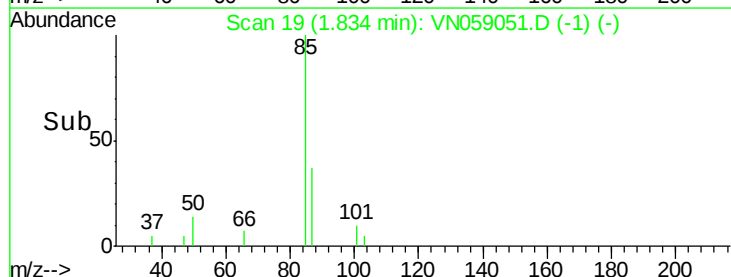
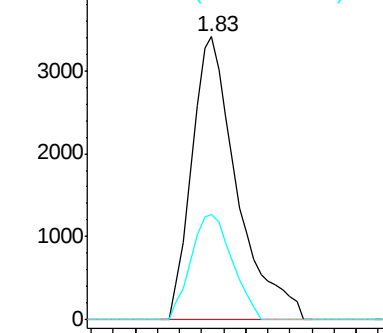
85 100

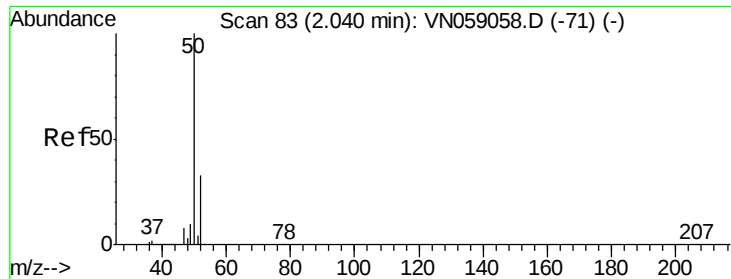
87 37.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.055 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 50 Resp: 7318

Ion Ratio Lower Upper

50 100

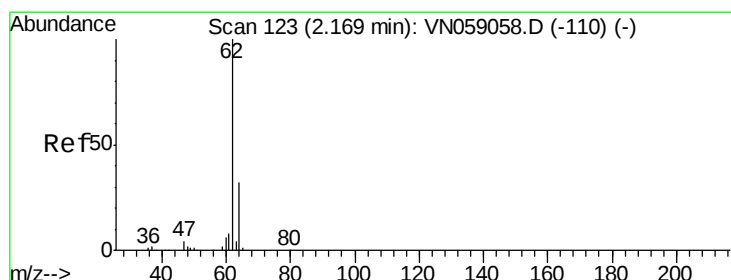
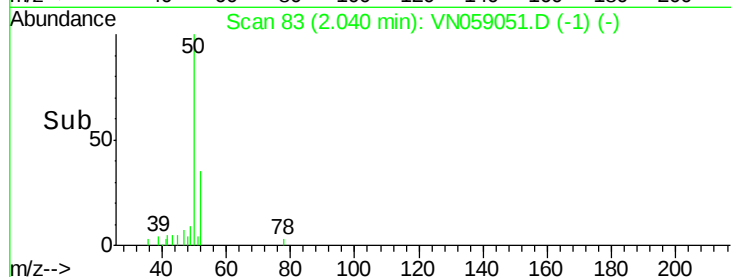
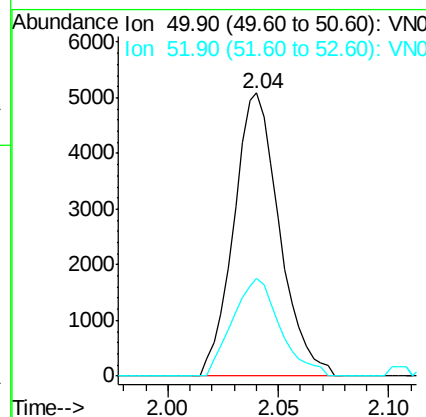
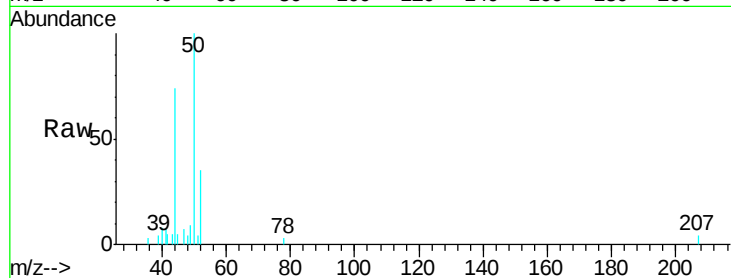
52 34.7 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.957 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059051.D

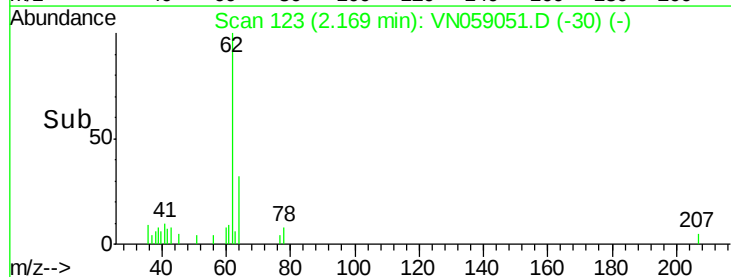
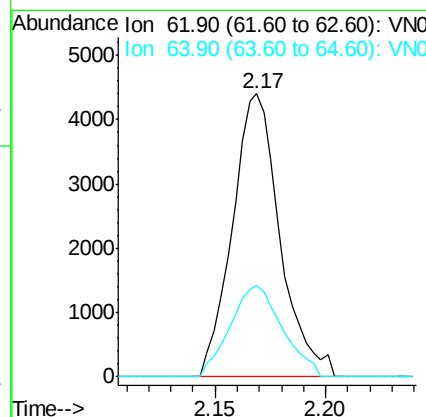
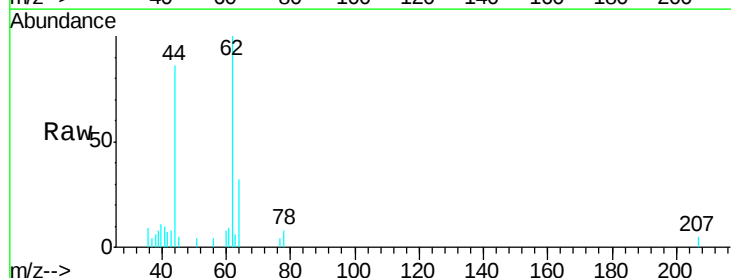
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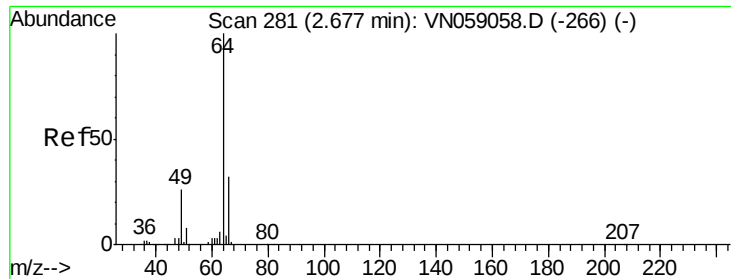
Tgt Ion: 62 Resp: 6568

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#6

Chloroethane

Concen: 1.065 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 64 Resp: 4643

Ion Ratio Lower Upper

64 100

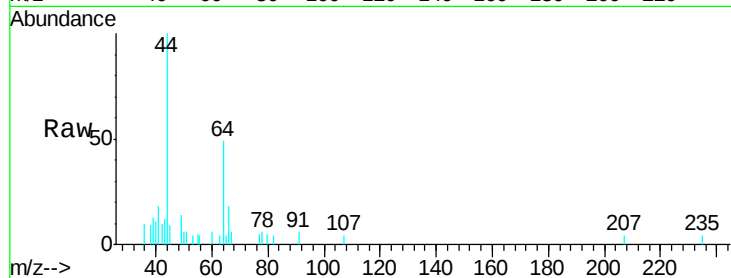
66 36.2 25.6 38.4

Manual Integrations

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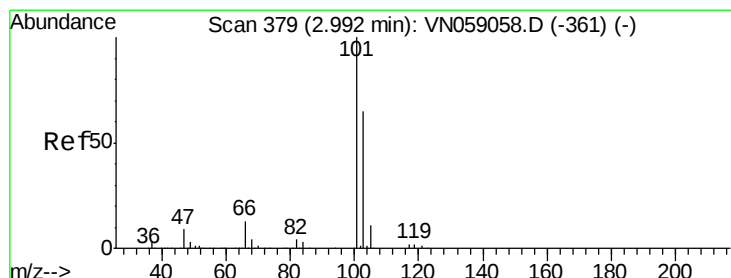
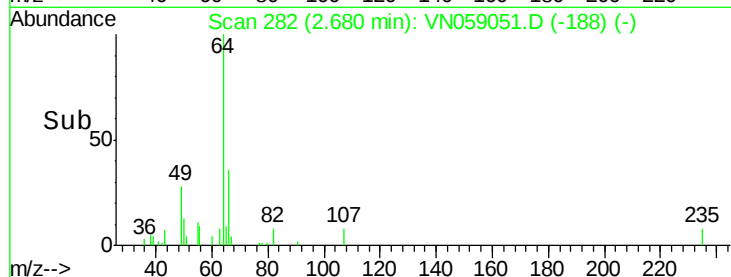
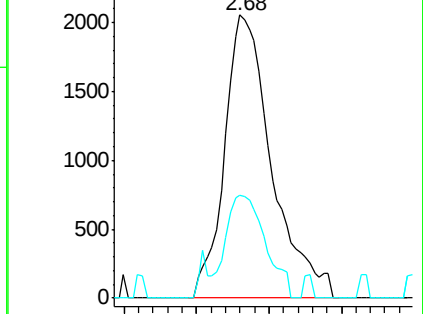
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Abundance Ion 63.90 (63.60 to 64.60): VN059058.D (-266) (-)

Ion 65.90 (65.60 to 66.60): VN059058.D (-266) (-)



#7

Trichlorofluoromethane

Concen: 0.902 ug/l

RT: 3.00 min Scan# 381

Delta R.T. 0.01 min

Lab File: VN059051.D

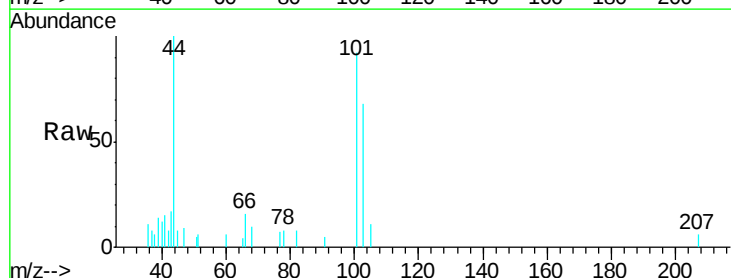
Acq: 1 Nov 2019 10:25

Tgt Ion: 101 Resp: 7606

Ion Ratio Lower Upper

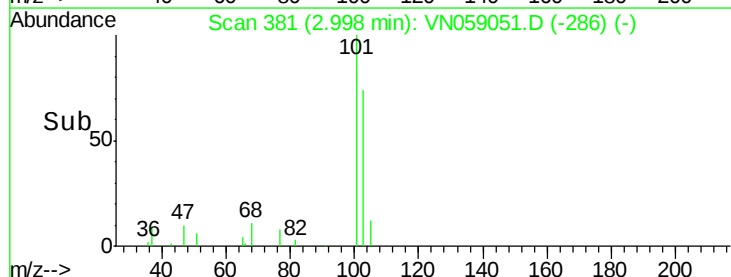
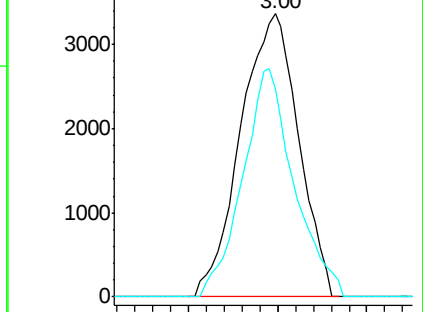
101 100

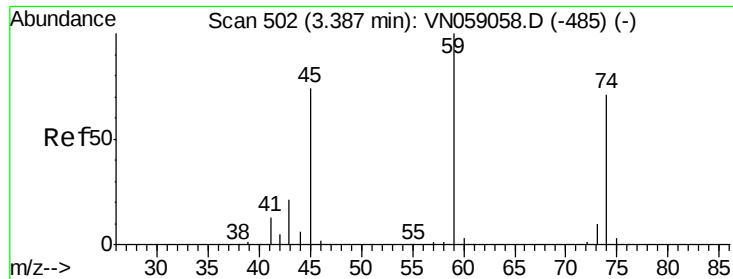
103 73.5 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): VN059058.D (-361) (-)

Ion 102.80 (102.50 to 103.50): VN059058.D (-361) (-)





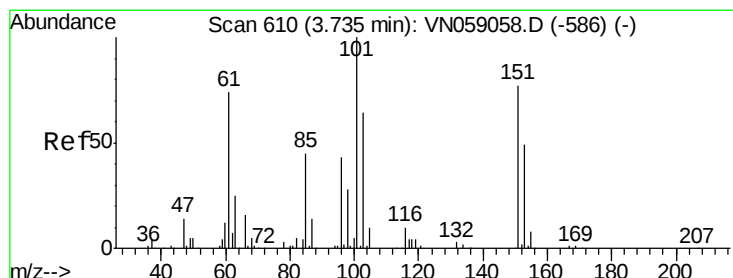
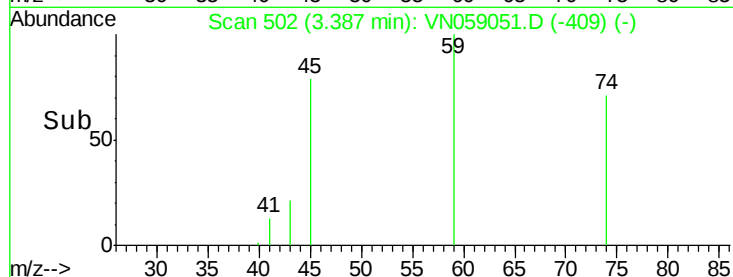
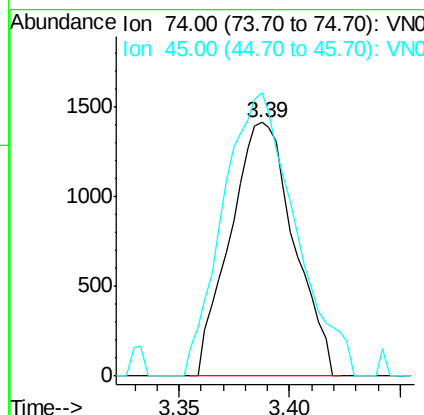
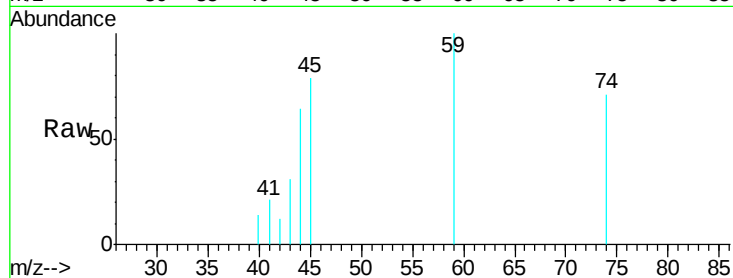
#8
Diethyl Ether
Concen: 0.945 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 74 Resp: 2834
Ion Ratio Lower Upper
74 100
45 126.6 52.8 158.3

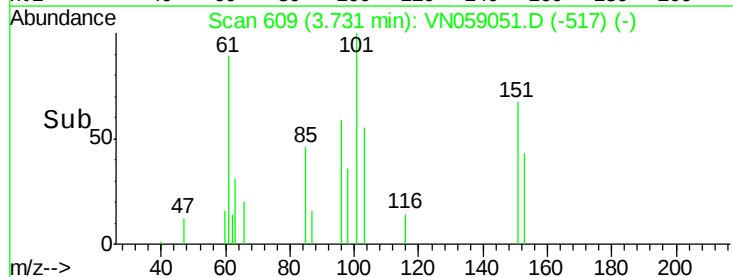
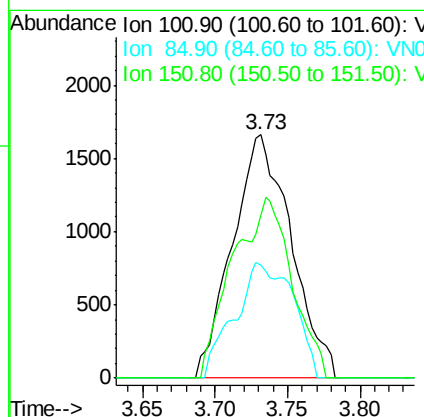
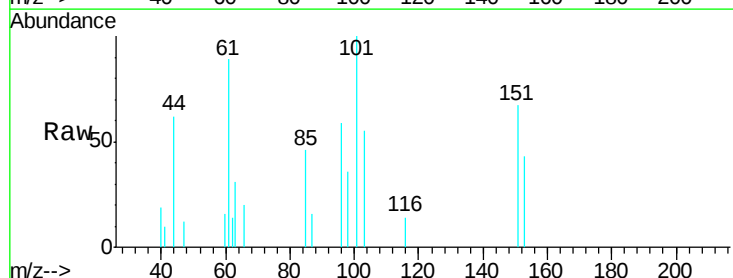
Manual Integrations
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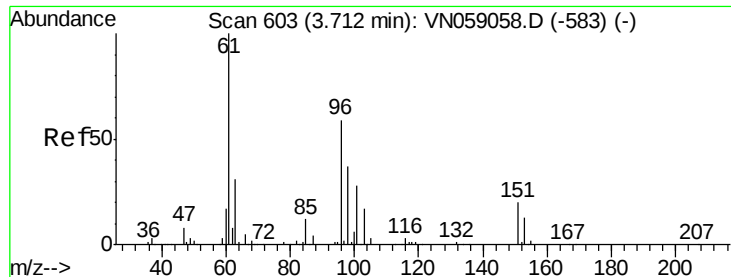
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.979 ug/l
RT: 3.73 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion: 101 Resp: 4659
Ion Ratio Lower Upper
101 100
85 47.5 35.0 52.6
151 75.4 61.3 91.9





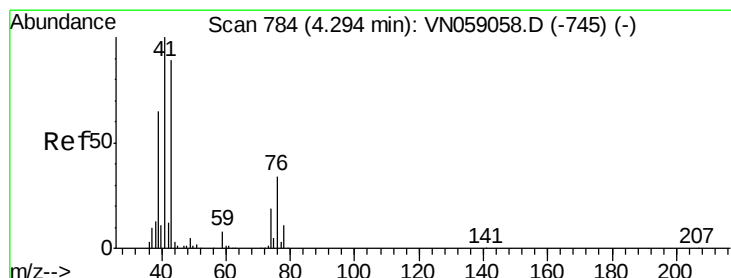
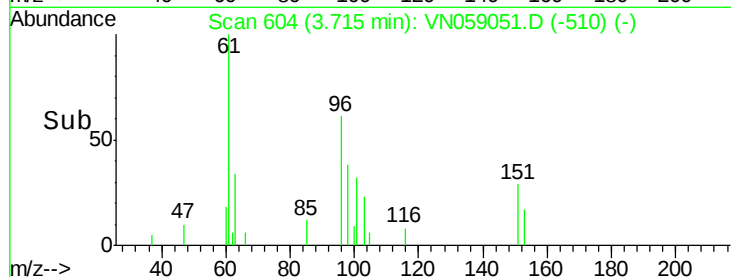
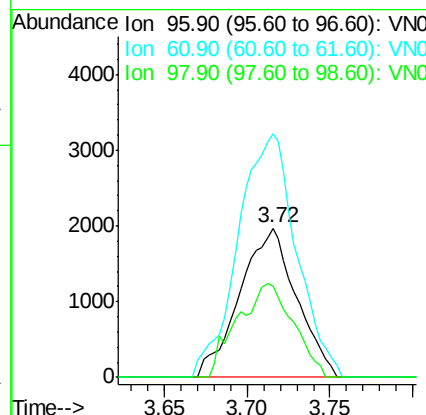
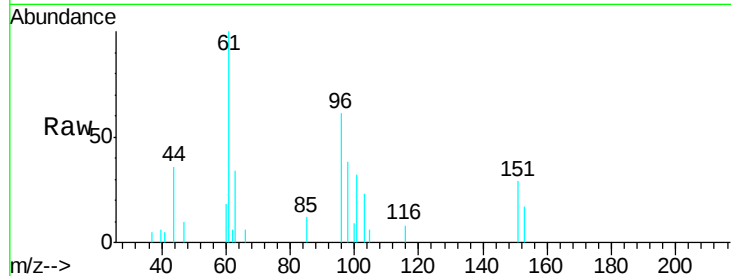
#12
1,1-Dichloroethene
Concen: 1.047 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.1	135.3	202.9
98	61.5	49.4	74.2

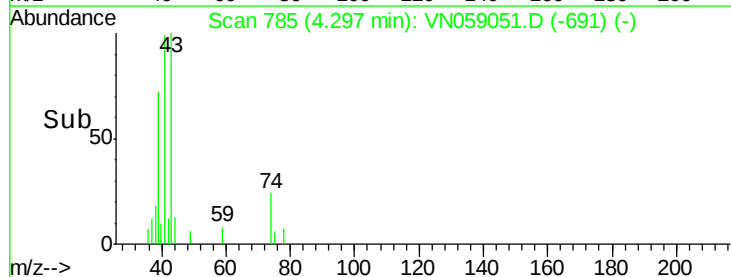
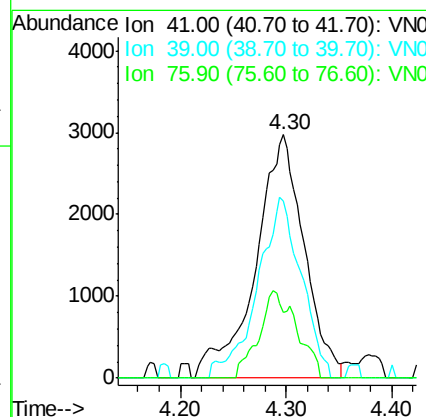
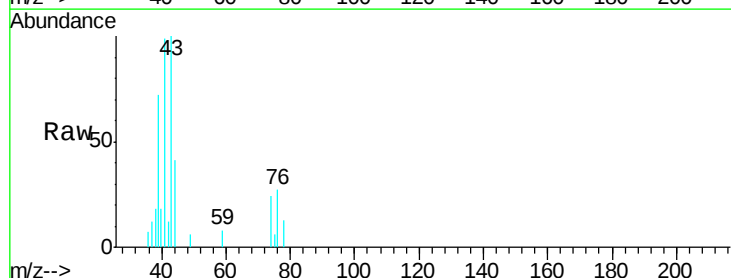
Manual Integrations
APPROVED

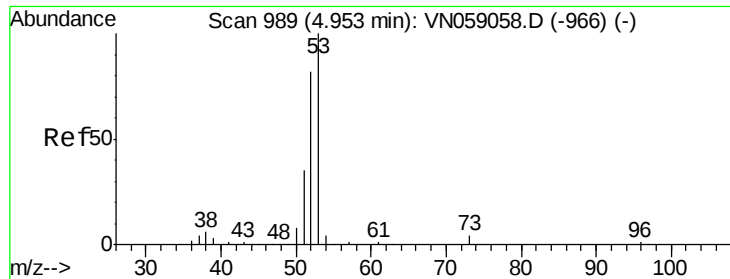
MMDadoda
11/5/2019 1:58:37 PM



#14
Allyl chloride
Concen: 1.048 ug/l m
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.9	49.4	74.2
76	27.8	24.6	37.0





#15

Acrylonitrile

Concen: 4.663 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.01 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

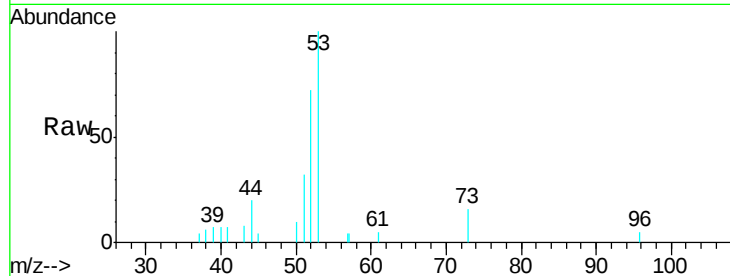
ClientSampleId :

VSTDIC001

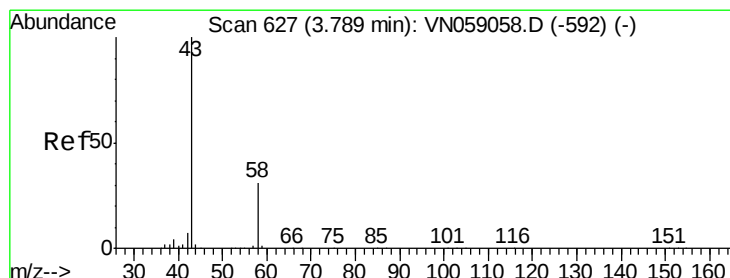
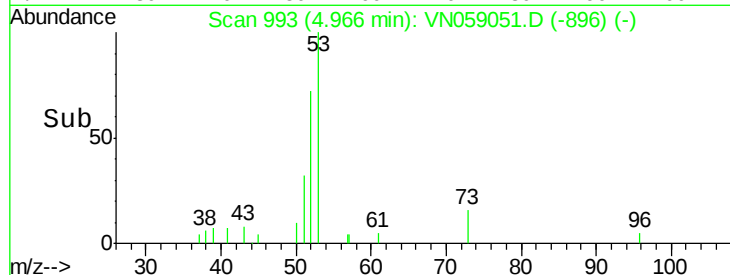
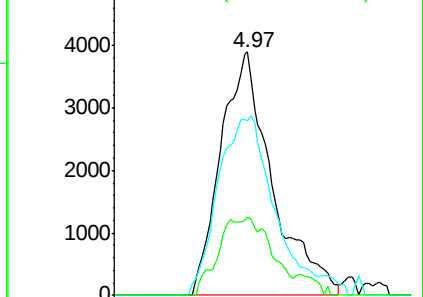
Tgt Ion:	53	Resp:	12928
Ion	Ratio	Lower	Upper
53	100		
52	79.4	66.0	99.0
51	13.1	28.3	42.5#

Manual Integrations
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MMDadoda
11/5/2019 1:58:37 PM



Abundance Ion 53.00 (52.70 to 53.70): VN059058.D (-966) (-)



#16

Acetone

Concen: 4.483 ug/l

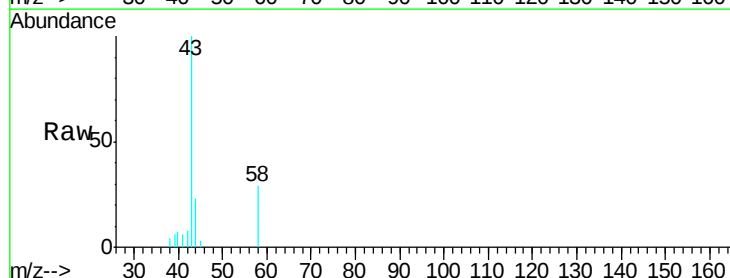
RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

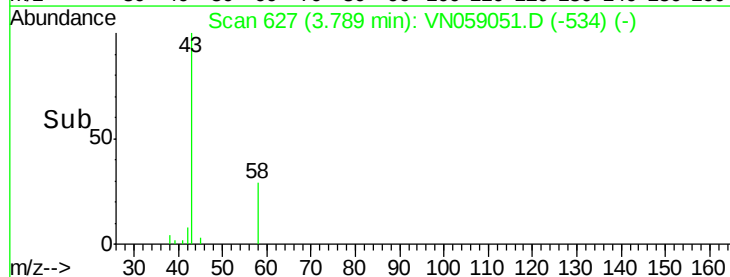
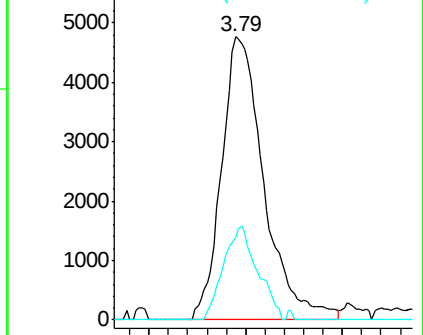
Lab File: VN059051.D

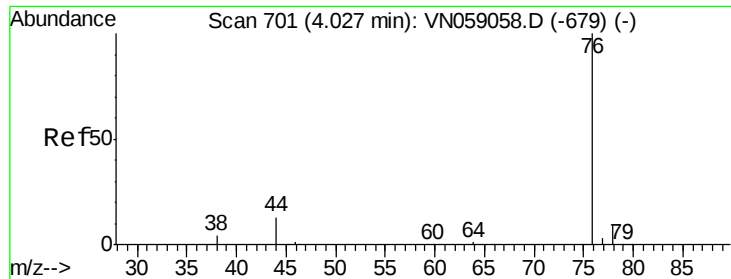
Acq: 1 Nov 2019 10:25

Tgt Ion:	43	Resp:	14511
Ion	Ratio	Lower	Upper
43	100		
58	29.2	25.0	37.6



Abundance Ion 43.00 (42.70 to 43.70): VN059058.D (-592) (-)





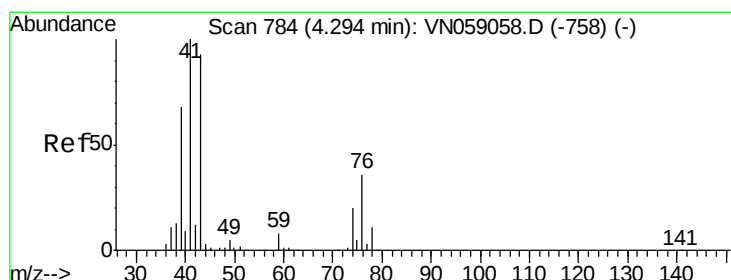
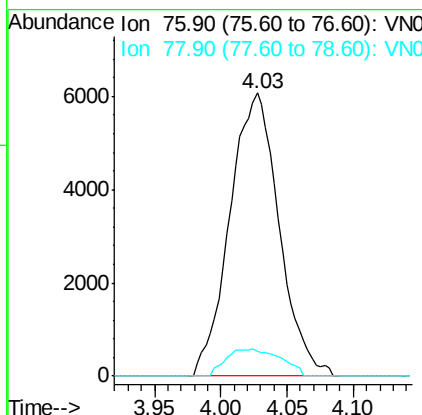
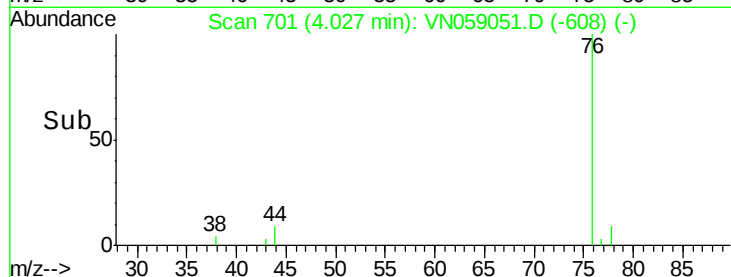
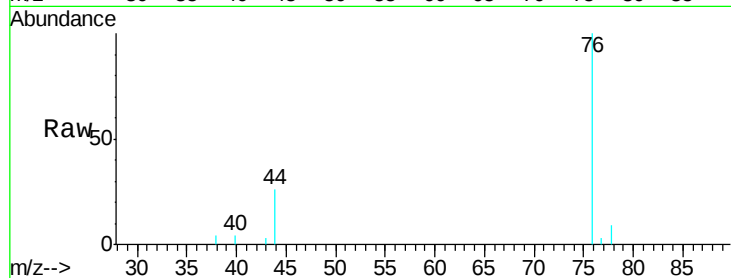
#17
Carbon Disulfide
Concen: 1.093 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 15675
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

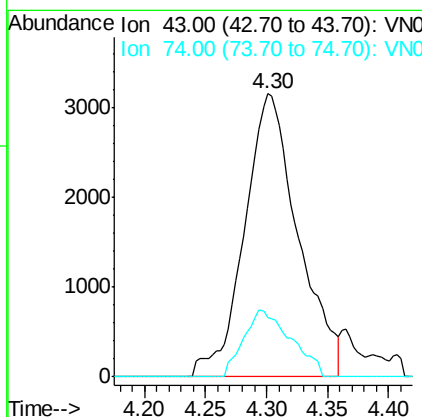
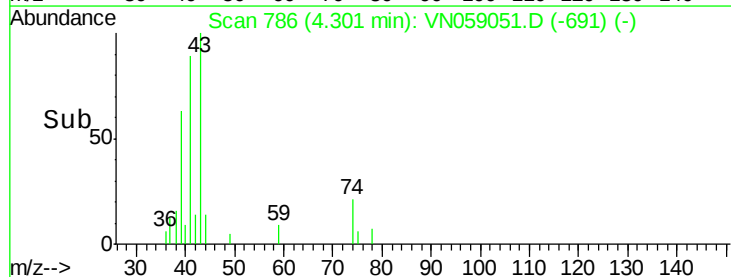
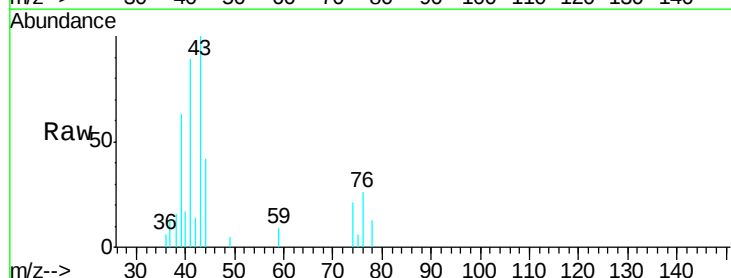
Manual Integrations
APPROVED

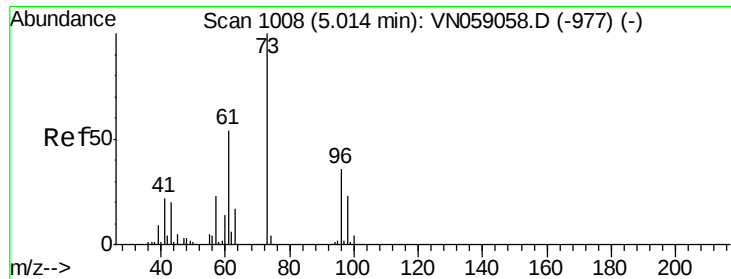
MMDadoda
11/5/2019 1:58:37 PM



#18
Methyl Acetate
Concen: 1.280 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion: 43 Resp: 9593
Ion Ratio Lower Upper
43 100
74 20.8 17.5 26.3





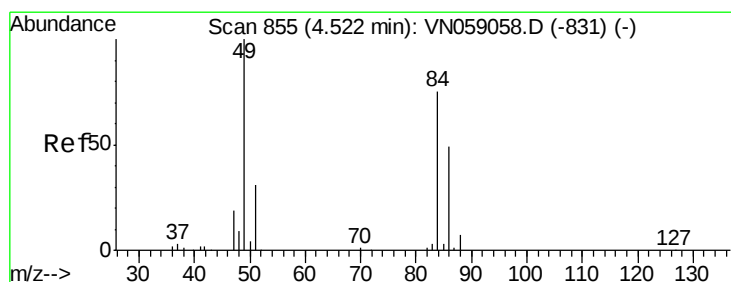
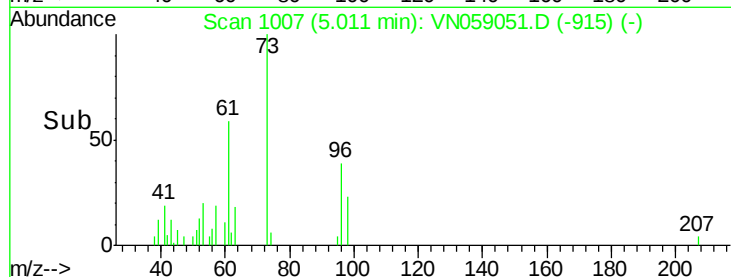
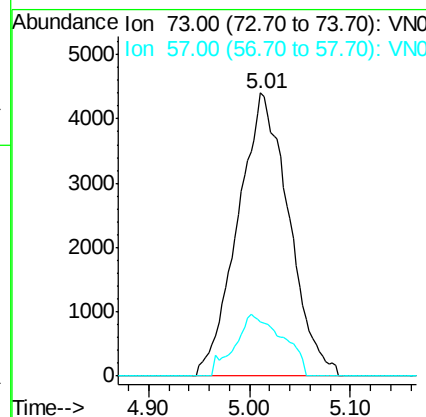
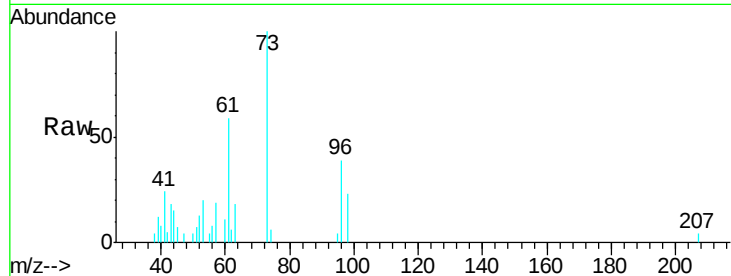
#19
Methyl tert-butyl Ether
Concen: 0.993 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 15454
Ion Ratio Lower Upper
73 100
57 19.4 18.4 27.6

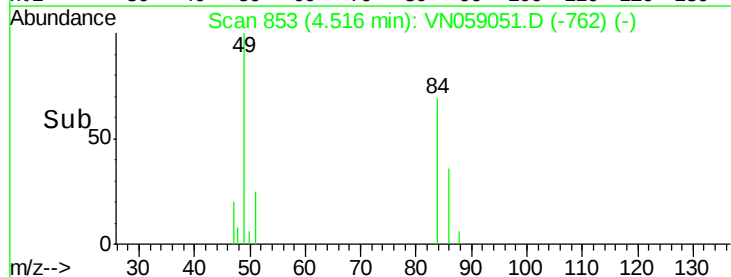
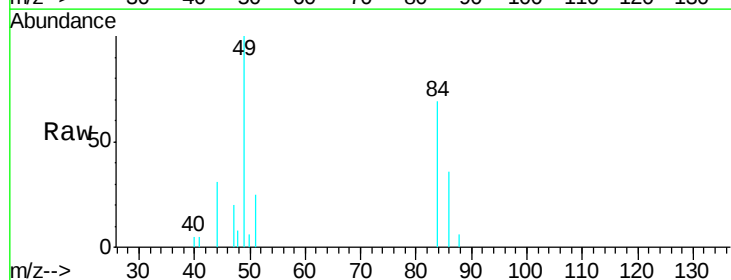
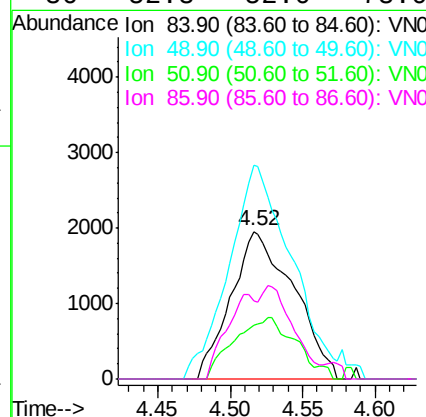
Manual Integrations
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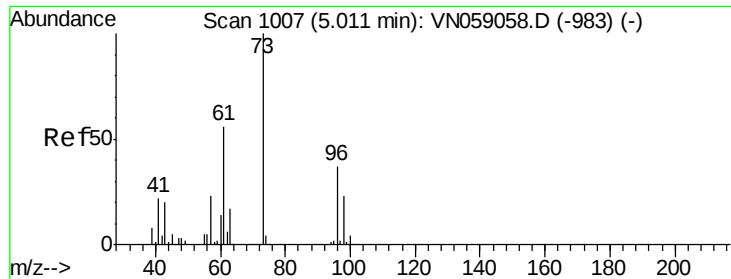
MMDadoda
11/5/2019 1:58:37 PM



#20
Methylene Chloride
Concen: 1.045 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion: 84 Resp: 5856
Ion Ratio Lower Upper
84 100
49 130.7 106.4 159.6
51 36.4 33.0 49.4
86 52.8 52.0 78.0





#21

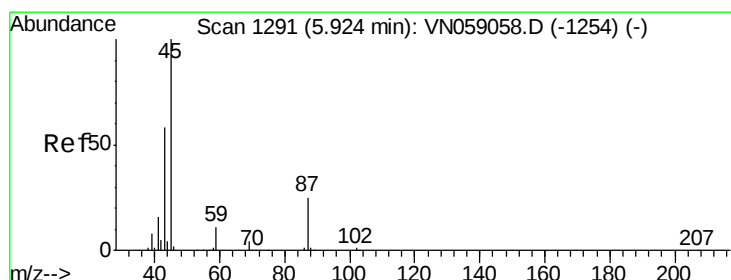
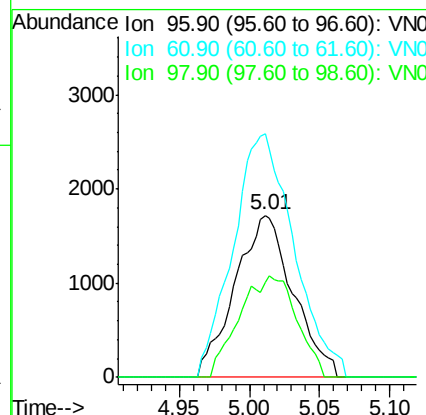
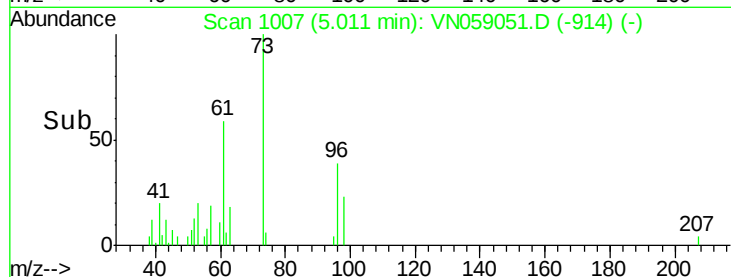
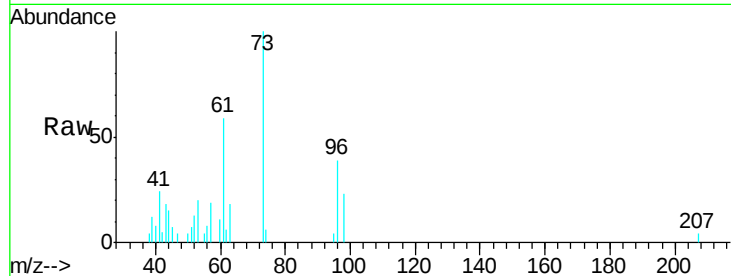
trans-1,2-Dichloroethene
Concen: 1.005 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.6	121.7	182.5
98	58.4	50.6	76.0

Manual Integrations
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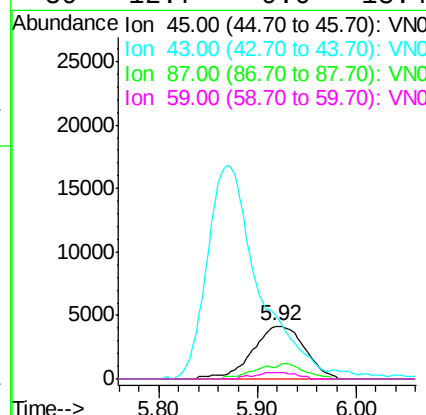
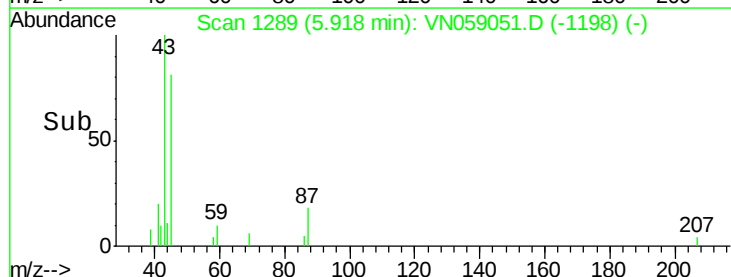
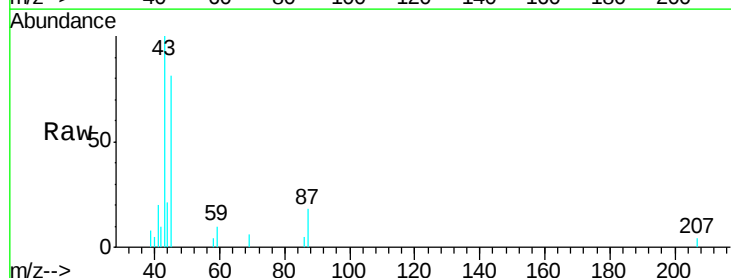
MMDadoda
11/5/2019 1:58:37 PM

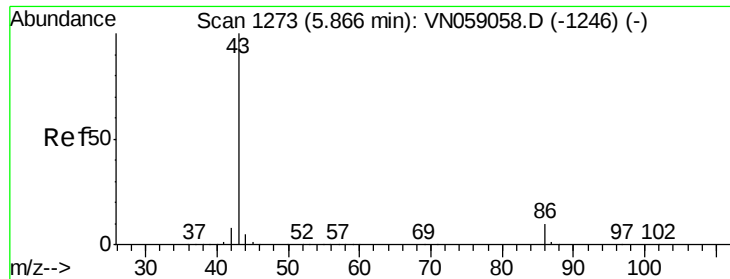


#22

Diisopropyl ether
Concen: 0.867 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	108.7	46.9	70.3#
87	22.3	20.1	30.1
59	12.7	9.0	13.4





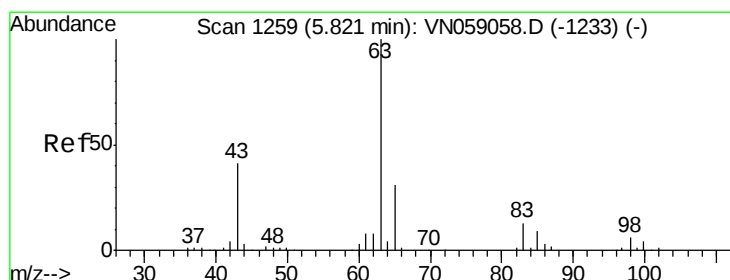
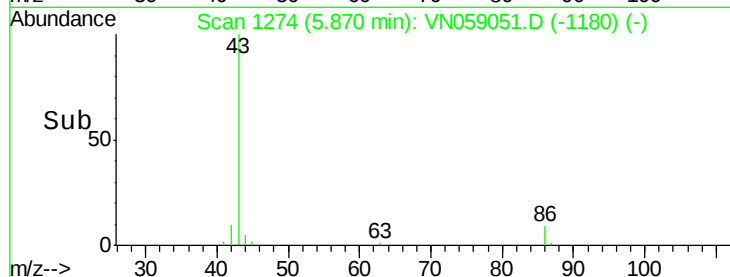
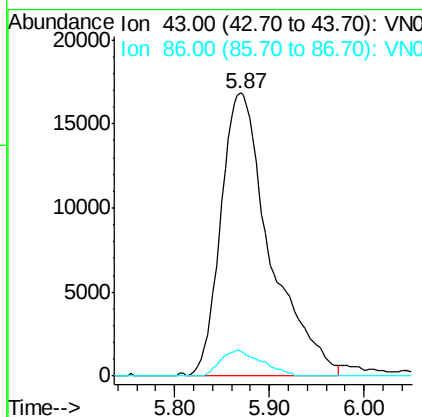
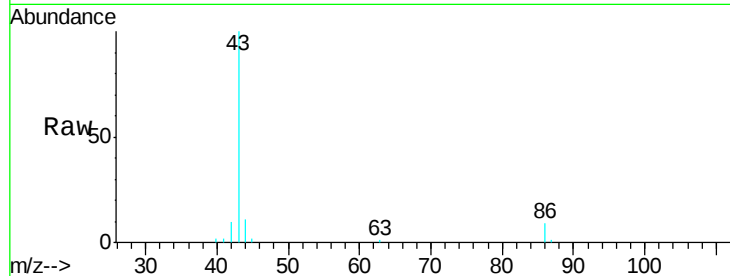
#23
 Vinyl Acetate
 Concen: 4.334 ug/l
 RT: 5.87 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.6	11.4

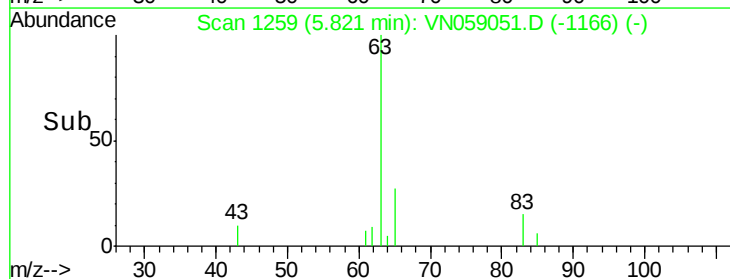
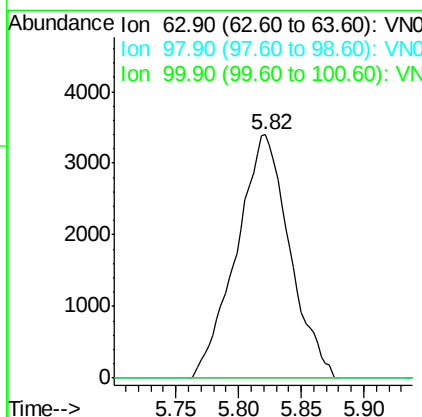
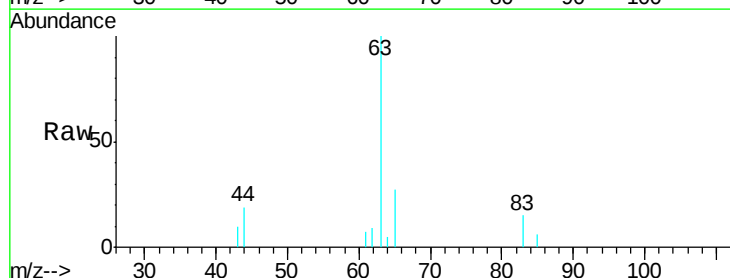
Manual Integrations
 APPROVED

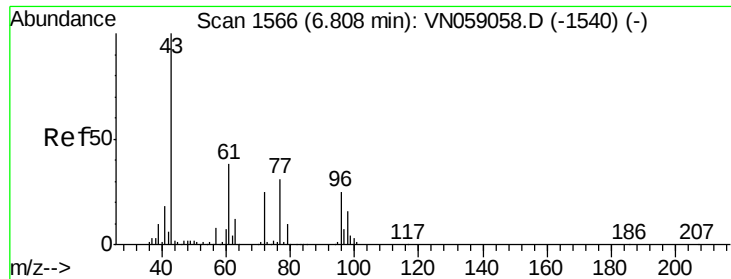
MMDadoda
 11/5/2019 1:58:37 PM



#24
 1,1-Dichloroethane
 Concen: 0.984 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.2	9.6#
100	0.0	2.0	6.0#





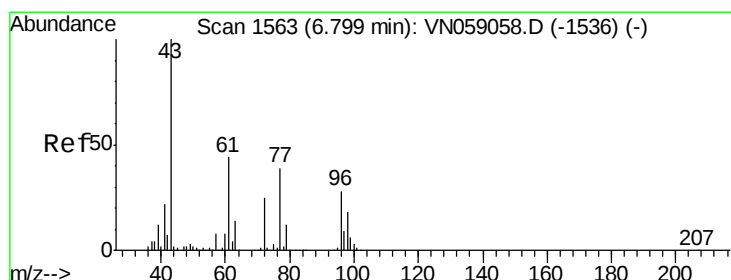
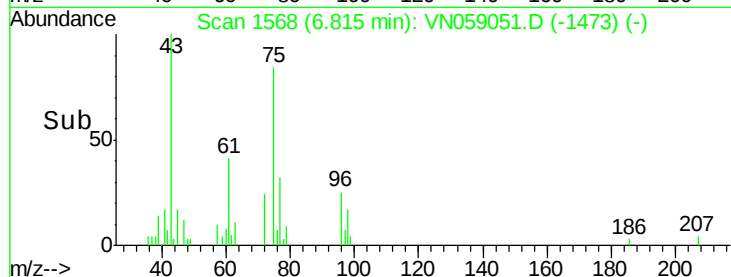
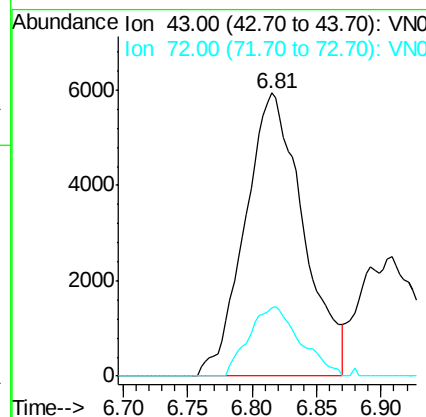
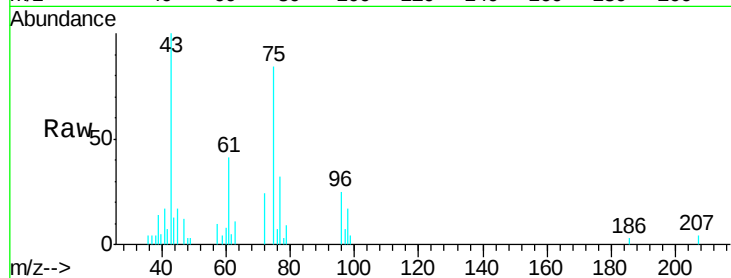
#25
2-Butanone
Concen: 4.428 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 18726
Ion Ratio Lower Upper
43 100
72 24.2 19.9 29.9

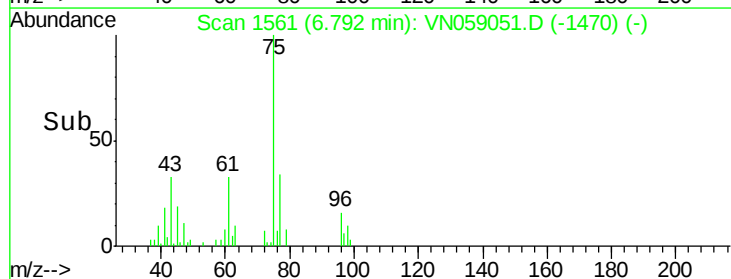
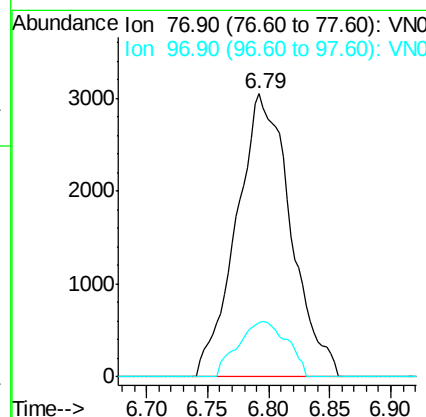
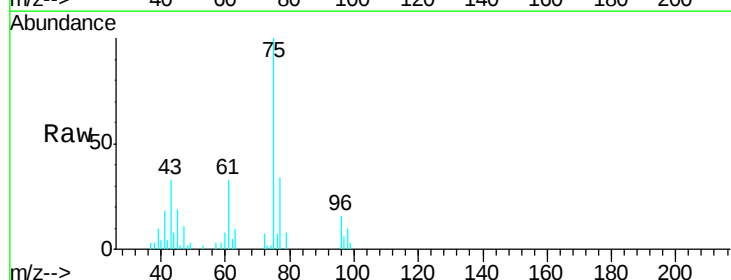
Manual Integrations
APPROVED

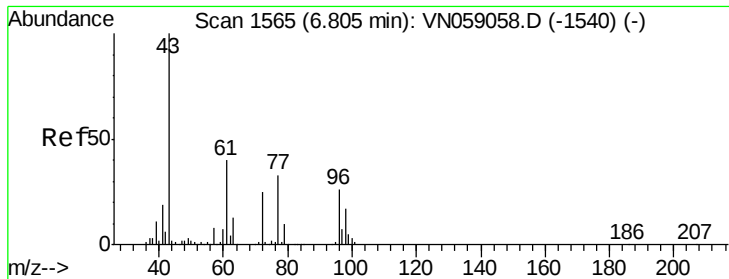
MMDadoda
11/5/2019 1:58:37 PM



#26
2,2-Dichloropropane
Concen: 1.071 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.01 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion: 77 Resp: 9404
Ion Ratio Lower Upper
77 100
97 17.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 0.962 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

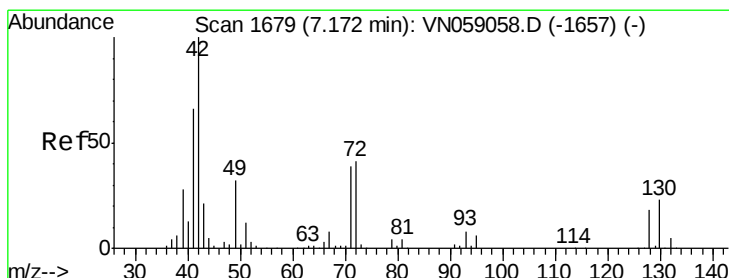
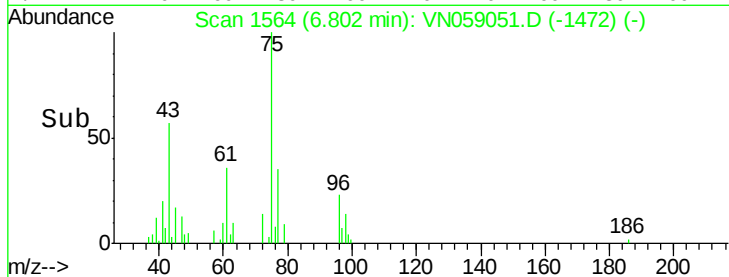
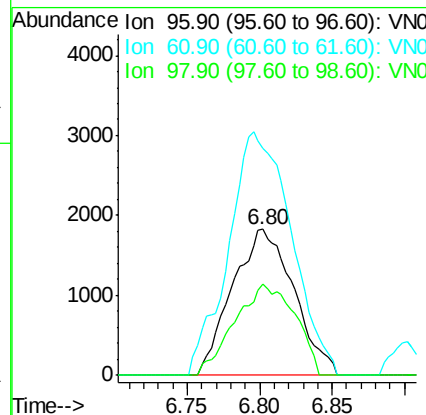
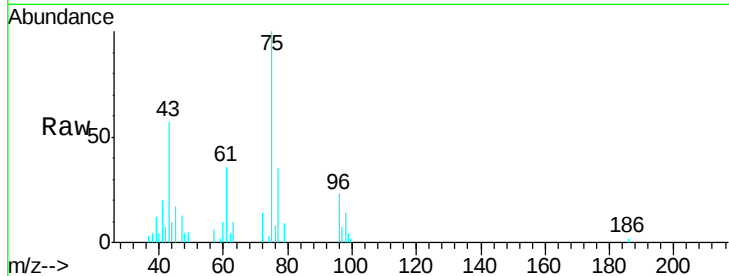
ClientSampleId :

VSTDIC001

Tgt Ion:	96	Resp:	5393
Ion	Ratio	Lower	Upper
96	100		
61	169.9	0.0	316.4
98	61.0	0.0	128.2

Manual Integrations
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11/5/2019 1:58:37 PM



#28

Bromochloromethane

Concen: 1.071 ug/l

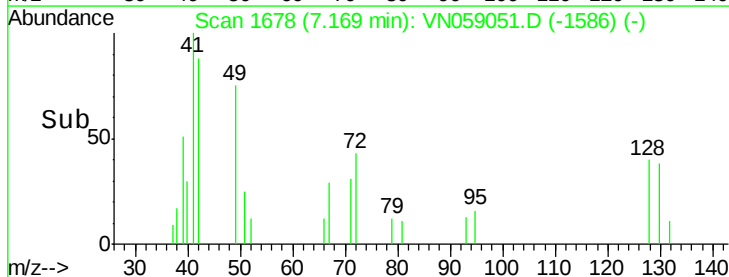
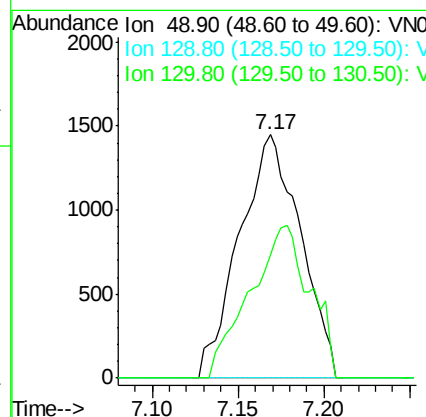
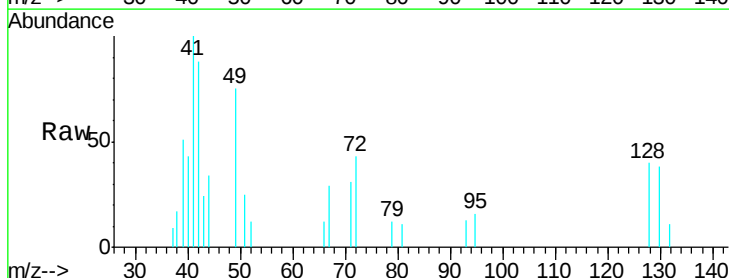
RT: 7.17 min Scan# 1678

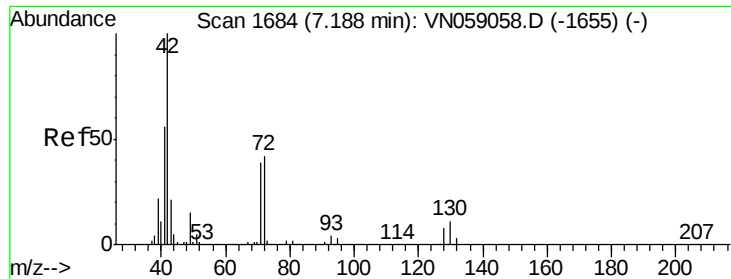
Delta R.T. -0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Tgt Ion:	49	Resp:	3582
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	61.7	55.0	82.6





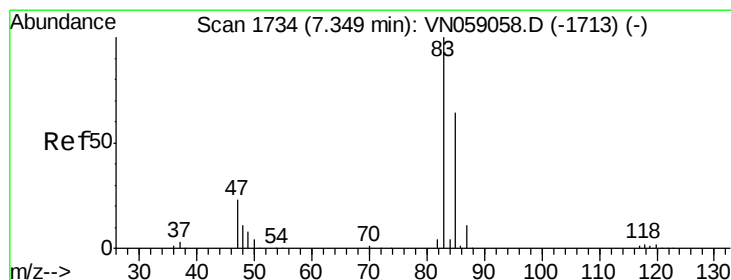
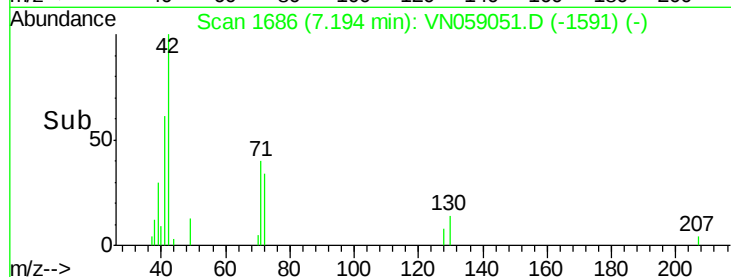
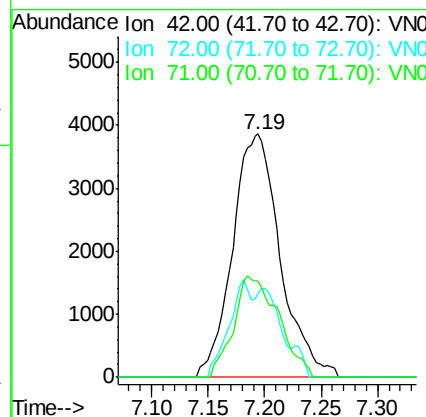
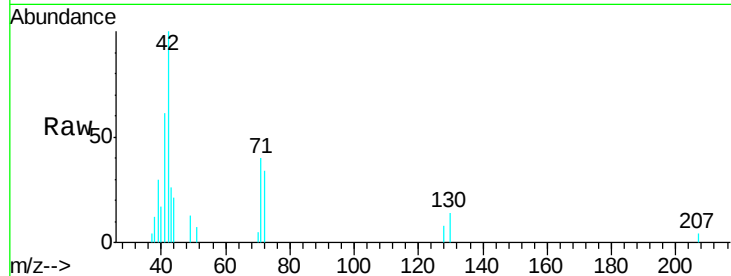
#29
Tetrahydrofuran
Concen: 4.367 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
42	100		
72	18.0	32.7	49.1#
71	39.0	31.2	46.8

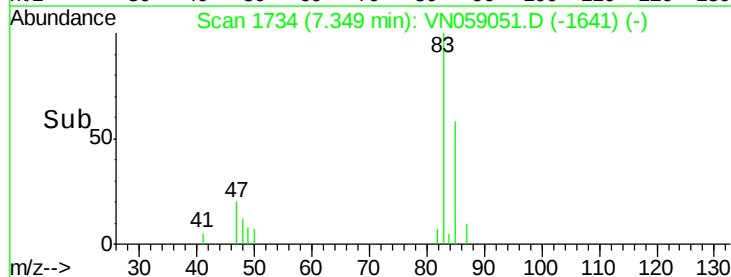
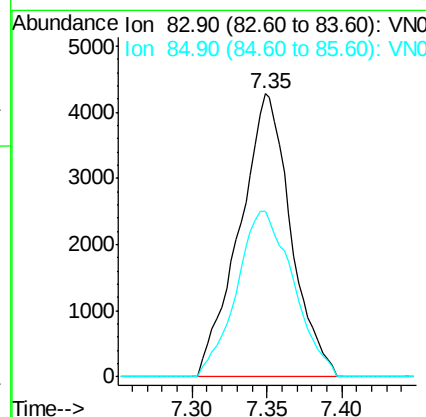
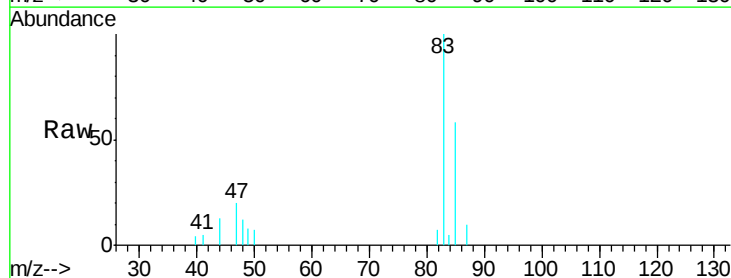
Manual Integrations
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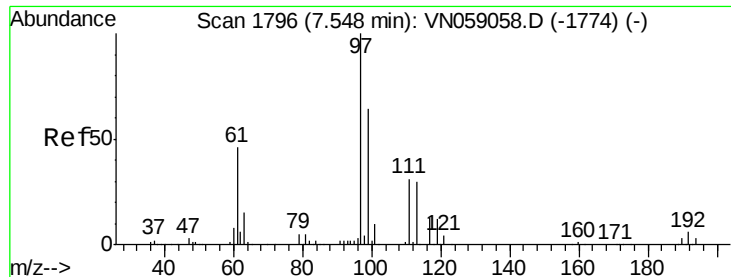
MMDadoda
11/5/2019 1:58:37 PM



#30
Chloroform
Concen: 1.006 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.4	50.9	76.3





#32

1,1,1-Trichloroethane

Concen: 0.908 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

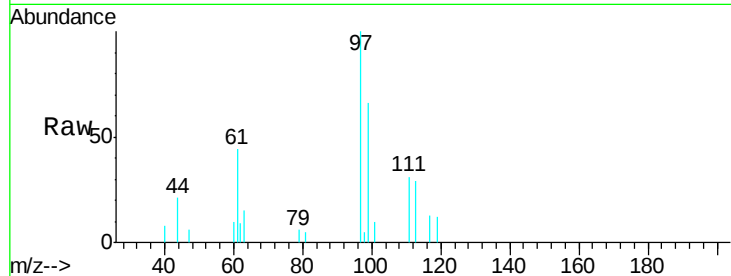
ClientSampleId :

VSTDIC001

Tgt Ion:	97	Resp:	7750
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.7	76.1#
61	48.0	36.3	54.5

Manual Integrations
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11/5/2019 1:58:37 PM

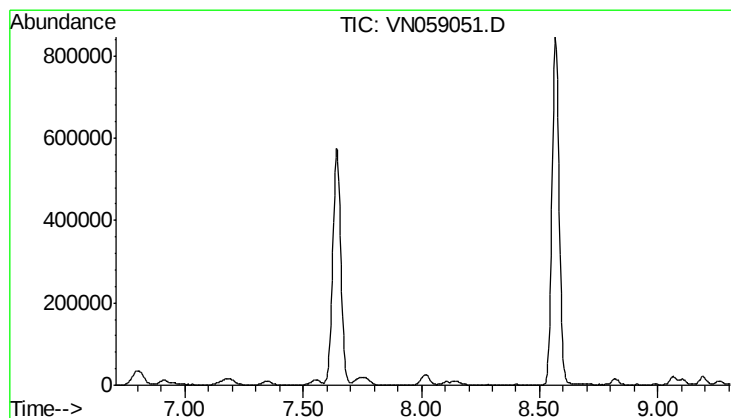
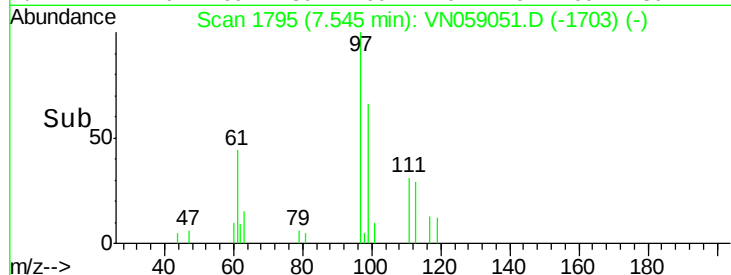
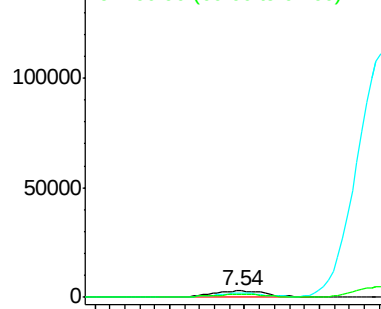


Abundance

Ion 96.90 (96.60 to 97.60): VN059051.D

Ion 98.90 (98.60 to 99.60): VN059051.D

Ion 60.90 (60.60 to 61.60): VN059051.D



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.01 min

Lab File: VN059051.D

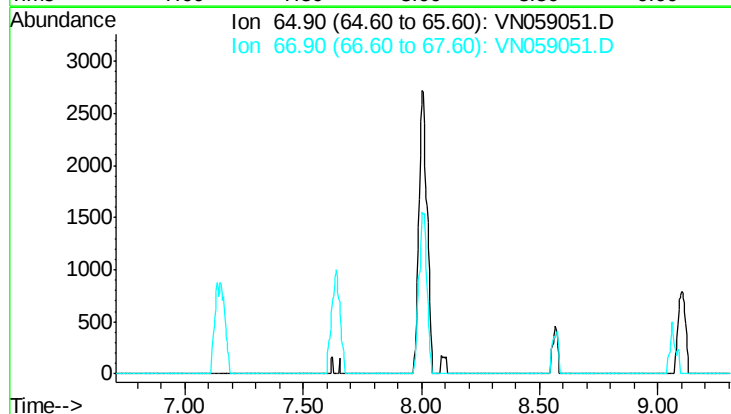
Acq: 1 Nov 2019 10:25

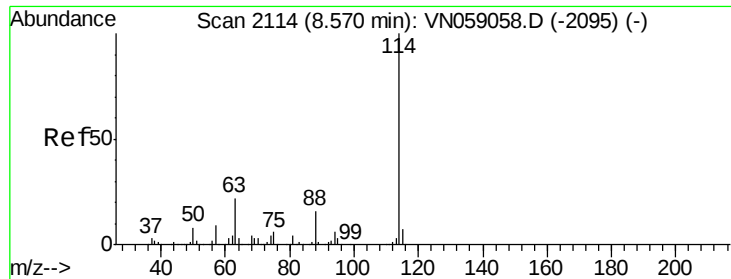
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.8





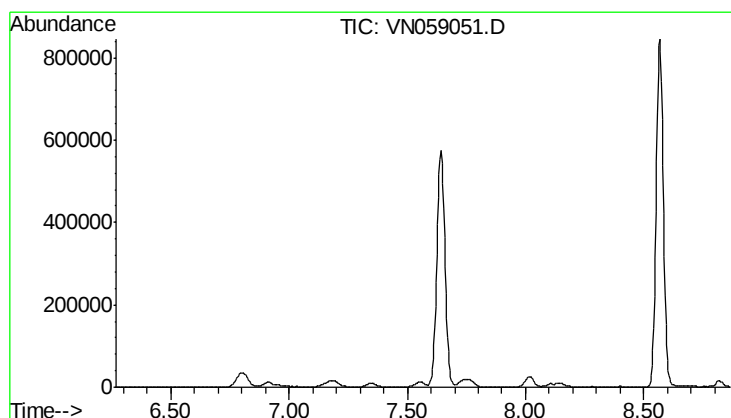
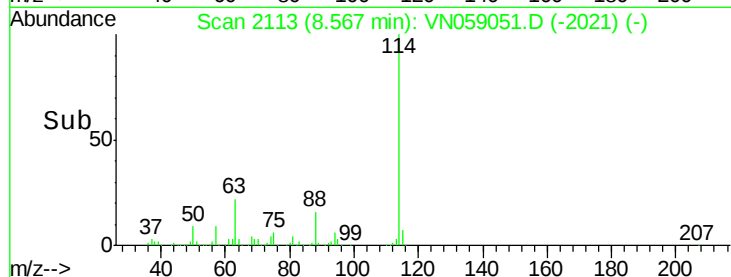
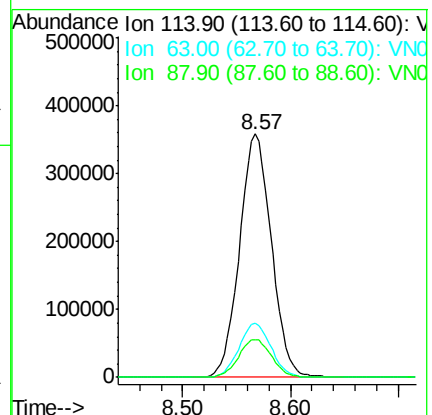
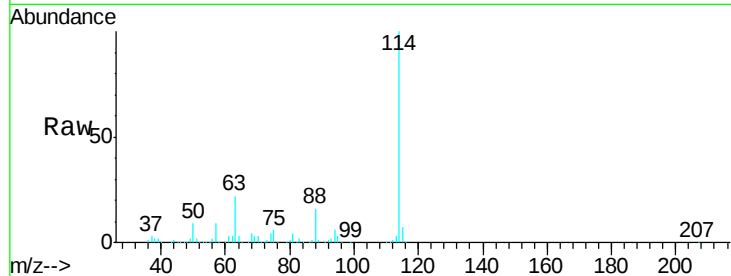
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.3	0.0	43.2
88	15.6	0.0	33.0

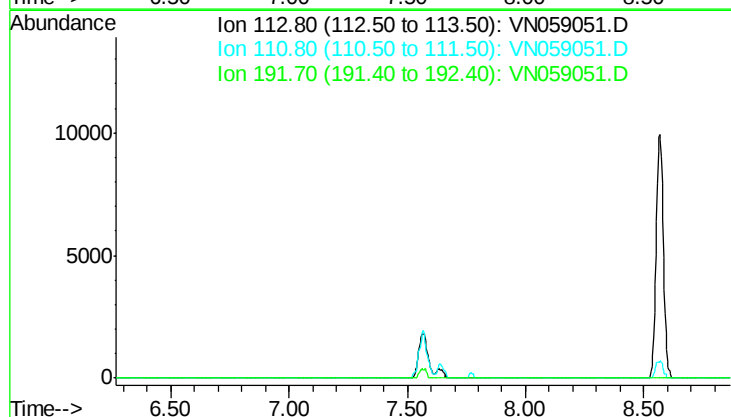
Manual Integrations
 APPROVED

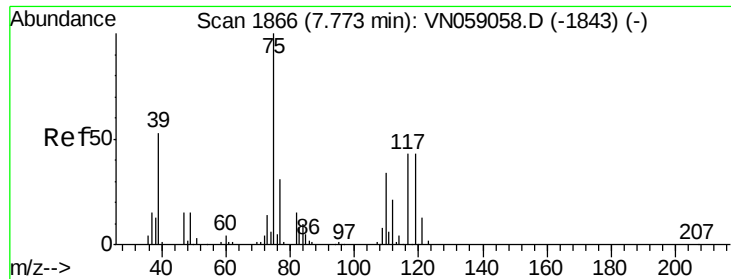
MMDadoda
 11/5/2019 1:58:37 PM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.57 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Tgt Ion	Exp Ratio
113	100
111	103.6
192	19.9





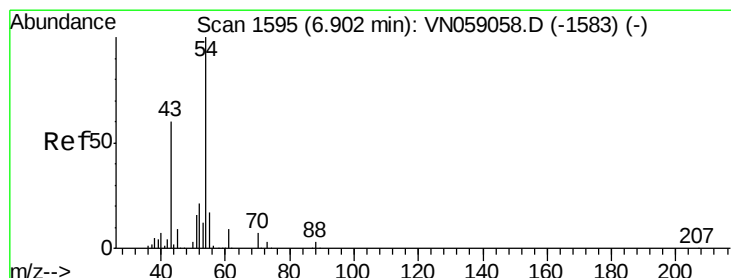
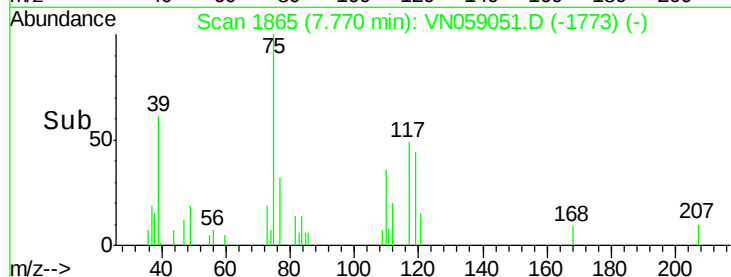
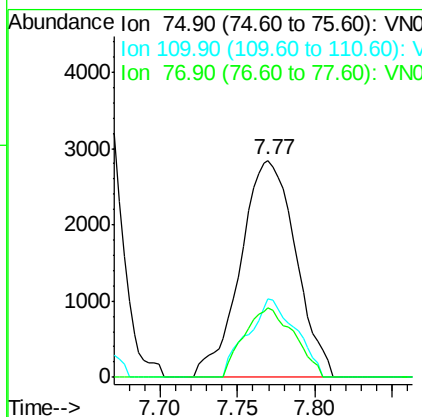
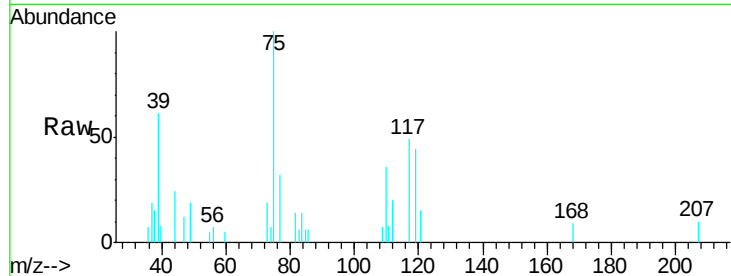
#36
 1,1-Dichloropropene
 Concen: 0.951 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.9	50.6
77	29.0	25.0	37.4

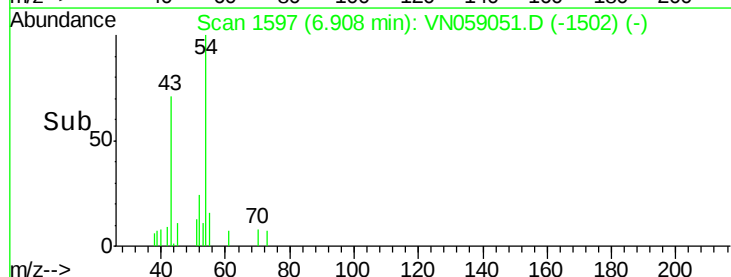
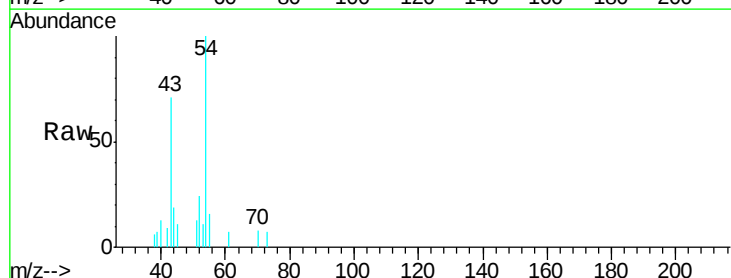
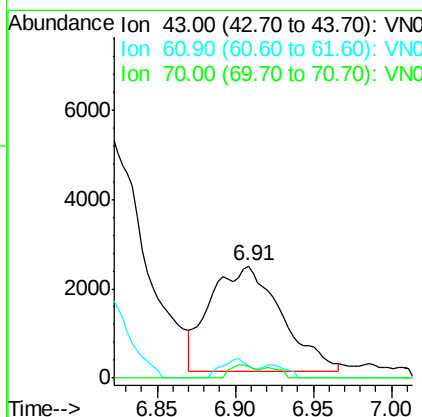
Manual Integrations
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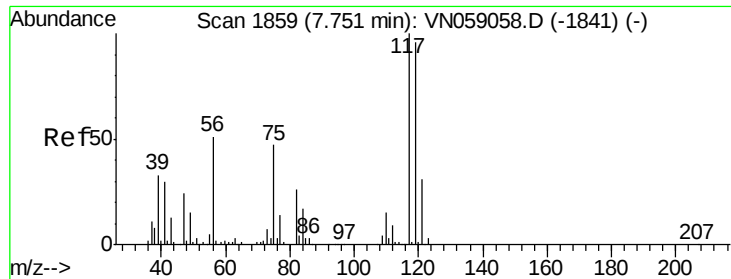
MMDadoda
 11/5/2019 1:58:37 PM



#37
 Ethyl Acetate
 Concen: 0.931 ug/l m
 RT: 6.91 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	6.8	11.2	16.8#
70	4.3	8.0	12.0#





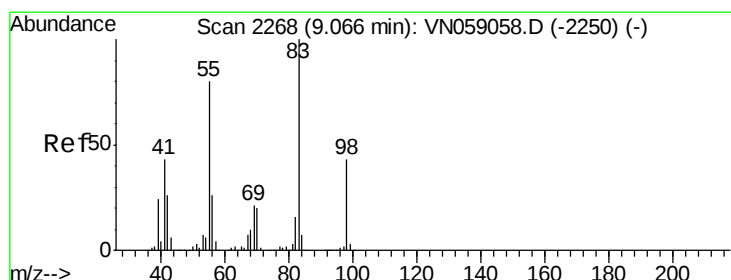
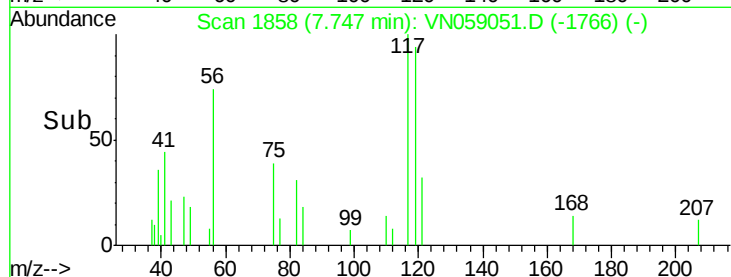
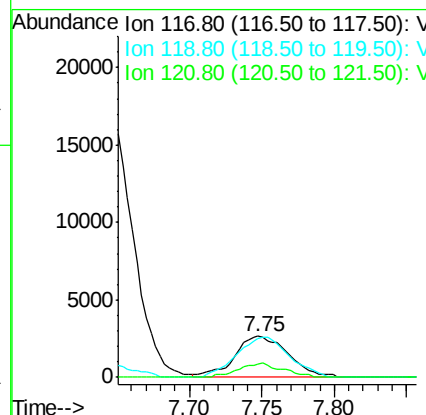
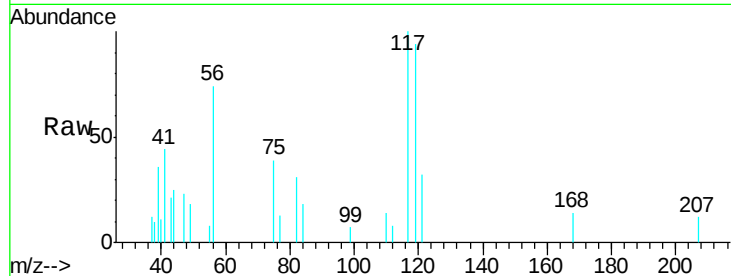
#38
Carbon Tetrachloride
Concen: 0.897 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.6	114.8
121	32.2	24.6	37.0

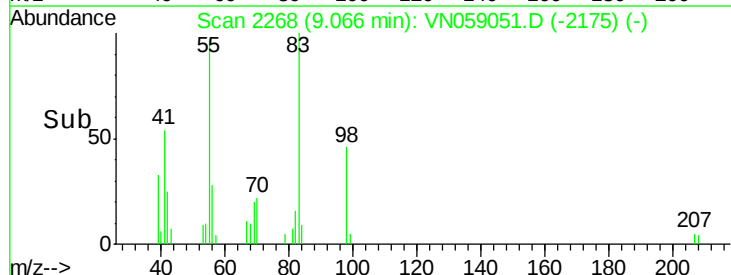
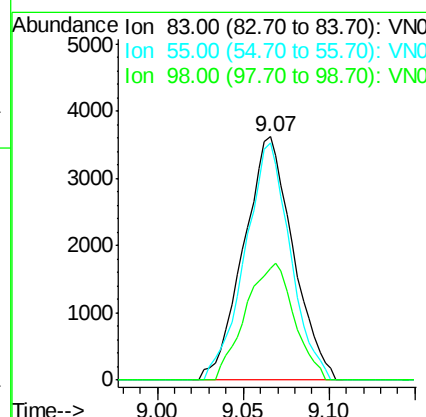
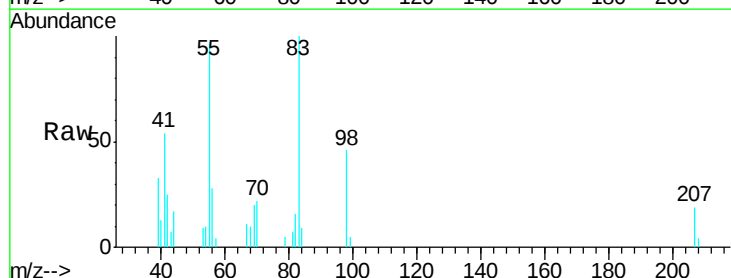
Manual Integrations
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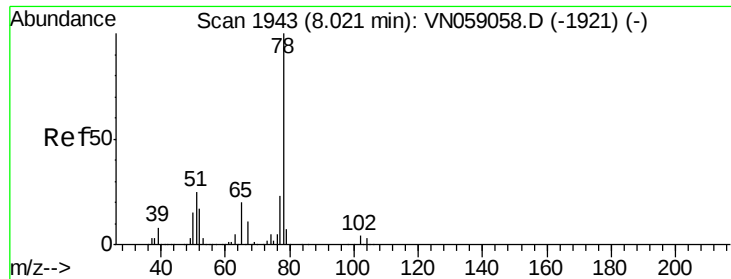
MMDadoda
11/5/2019 1:58:37 PM



#39
Methylcyclohexane
Concen: 0.860 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
83	100		
55	97.4	64.1	96.1#
98	46.0	34.3	51.5





#40

Benzene

Concen: 0.967 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 21186

Ion Ratio Lower Upper

78 100

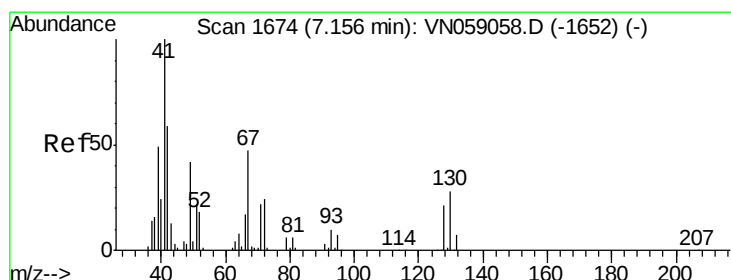
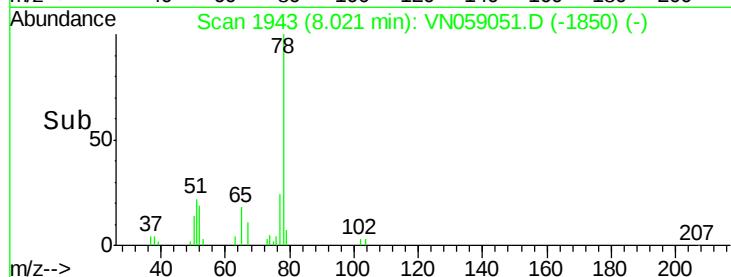
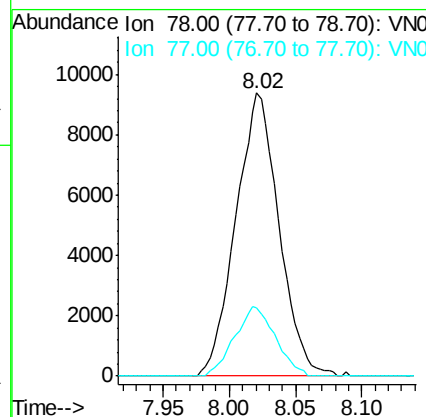
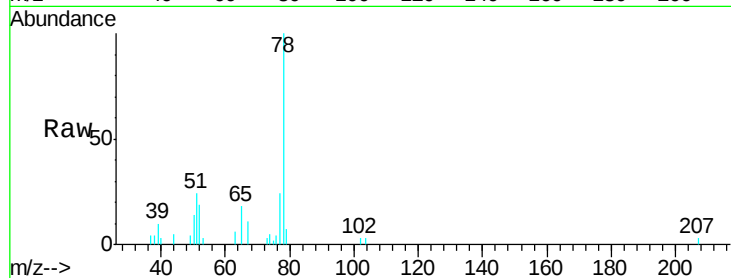
77 24.1 18.6 27.8

Manual Integrations

APPROVED

MMDadoda

11/5/2019 1:58:37 PM



#41

Methacrylonitrile

Concen: 0.868 ug/l m

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Tgt Ion: 41 Resp: 3189

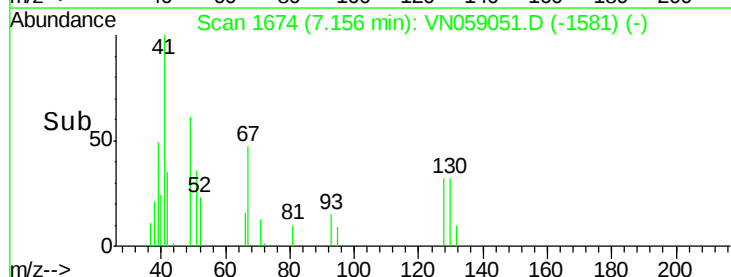
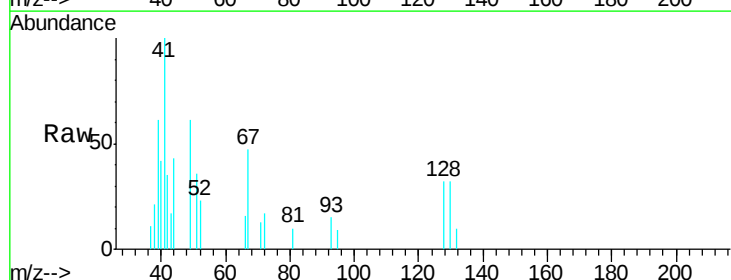
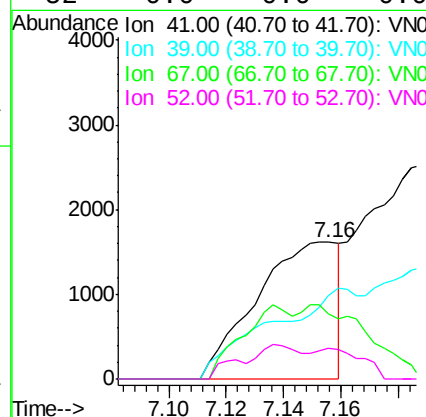
Ion Ratio Lower Upper

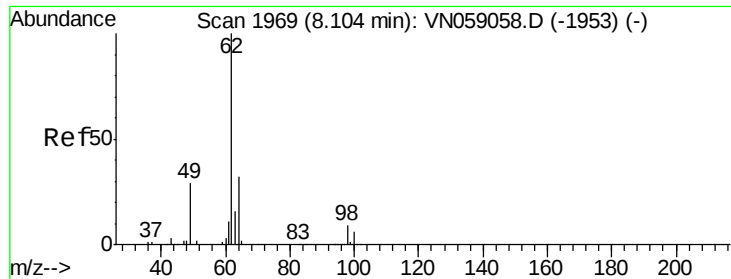
41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 0.886 ug/l

RT: 8.11 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

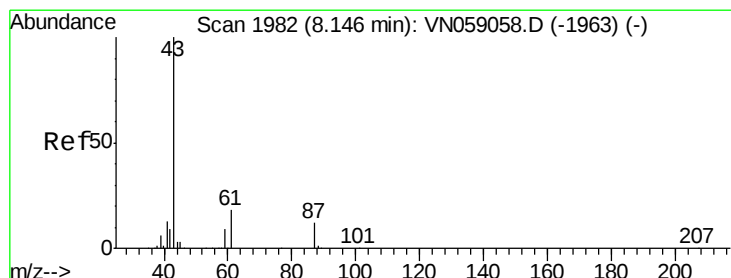
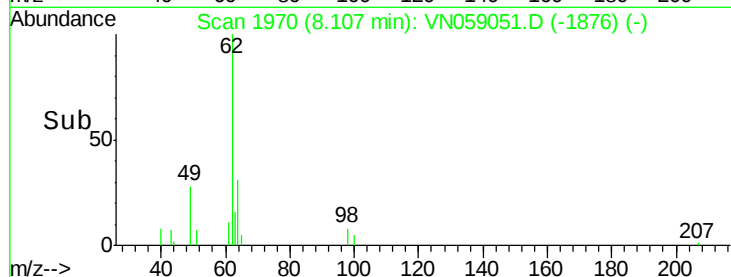
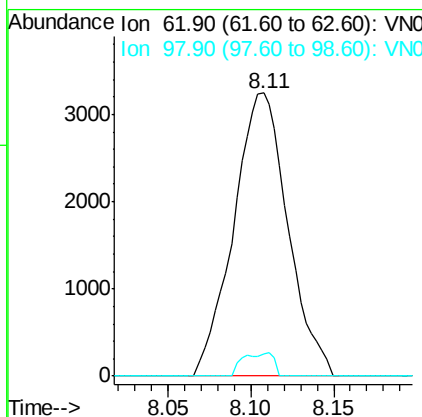
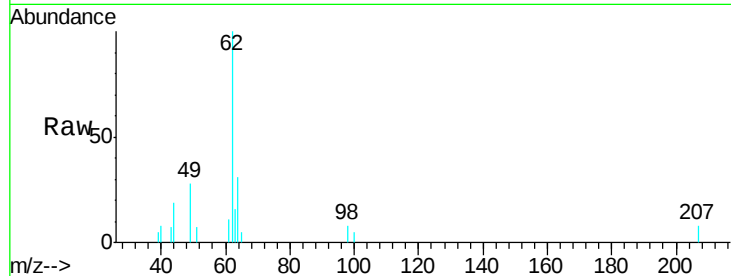
ClientSampleId :

VSTDIC001

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.8	0.0	18.0

Manual Integrations
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11/5/2019 1:58:37 PM



#43

Isopropyl Acetate

Concen: 0.856 ug/l

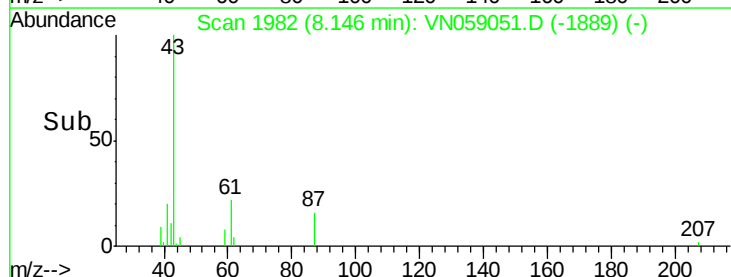
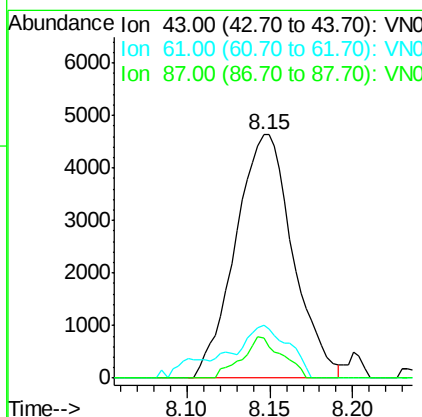
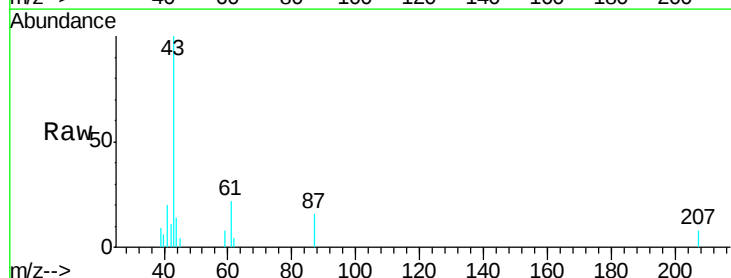
RT: 8.15 min Scan# 1982

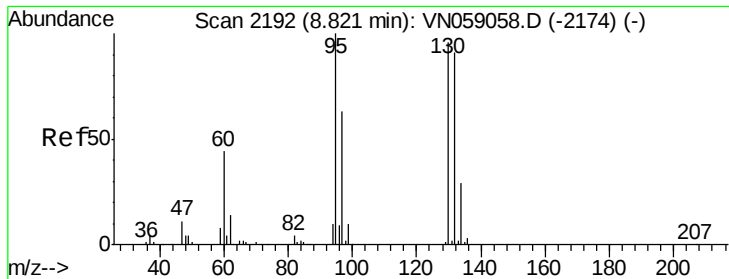
Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.8	20.5	30.7#
87	11.6	9.8	14.8





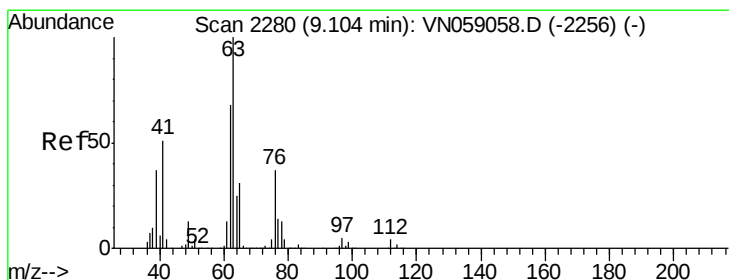
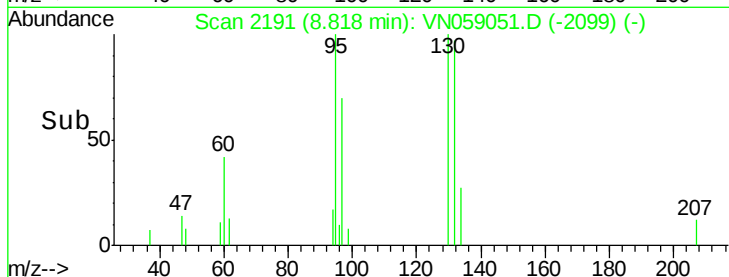
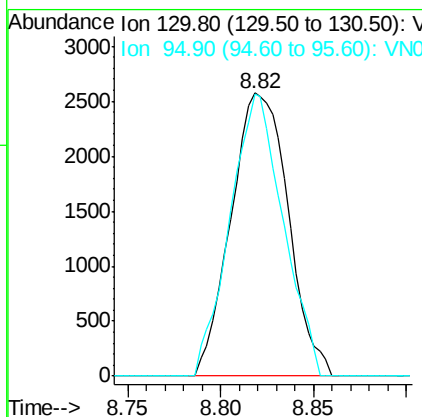
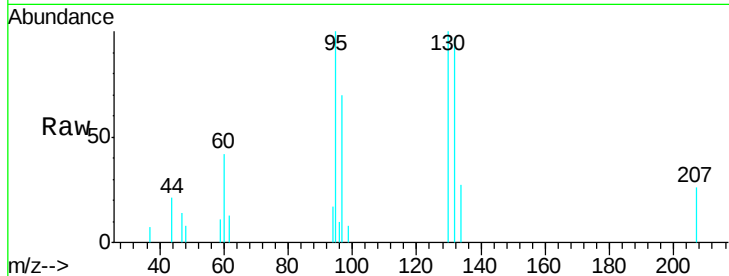
#44
 Trichloroethene
 Concen: 1.030 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 130 Resp: 5509
 Ion Ratio Lower Upper
 130 100
 95 99.7 0.0 207.6

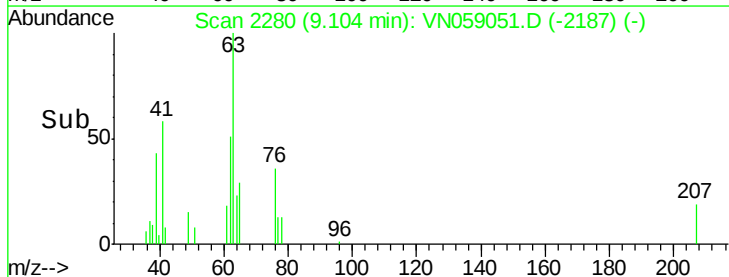
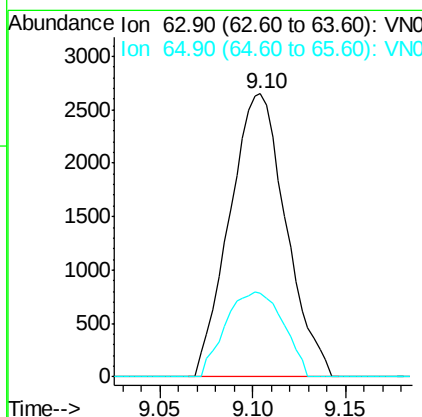
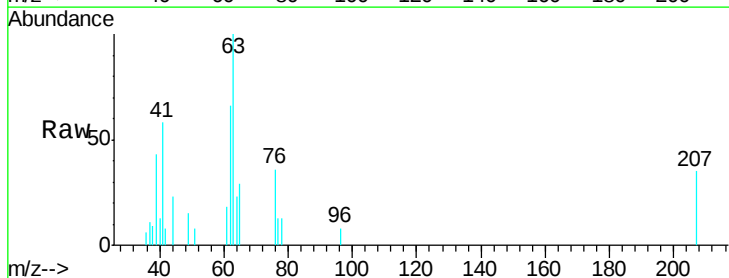
Manual Integrations
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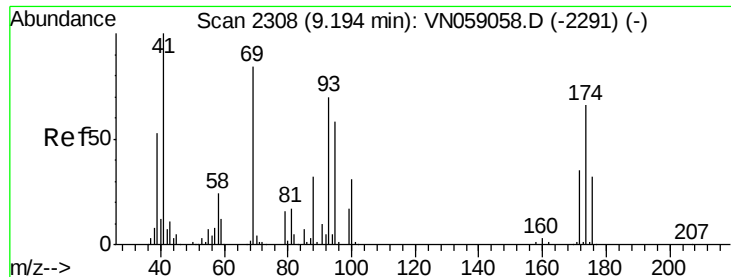
MMDadoda
 11/5/2019 1:58:37 PM



#45
 1,2-Dichloropropane
 Concen: 0.932 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Tgt Ion: 63 Resp: 5598
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.0 37.6





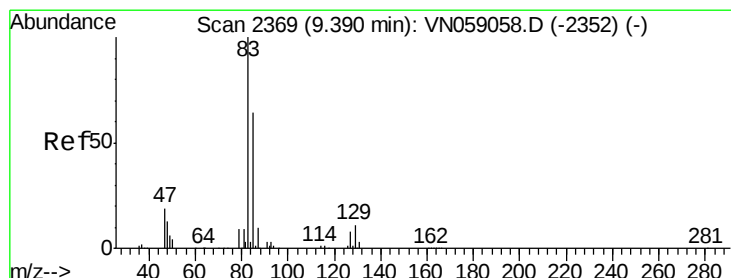
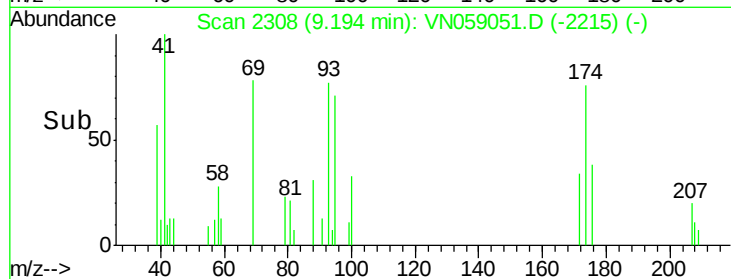
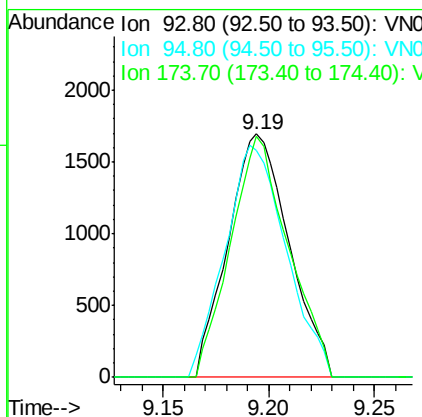
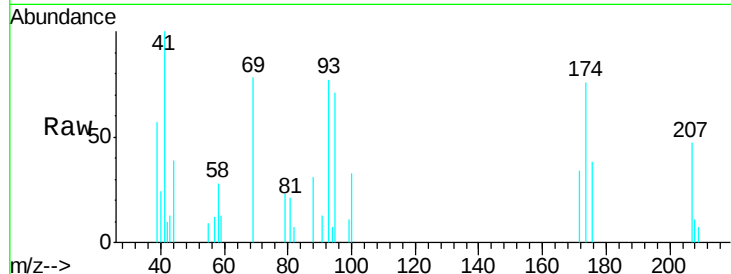
#46
Dibromomethane
Concen: 0.899 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 93 Resp: 3398
Ion Ratio Lower Upper
93 100
95 95.8 67.2 100.8
174 94.2 78.3 117.5

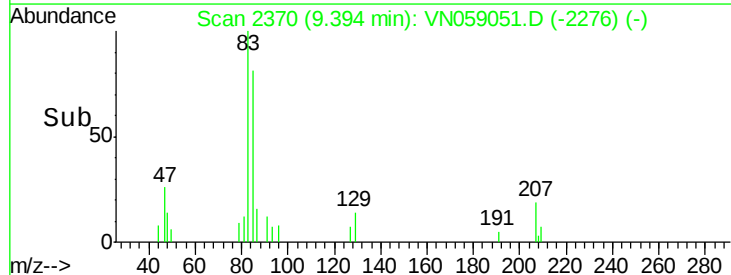
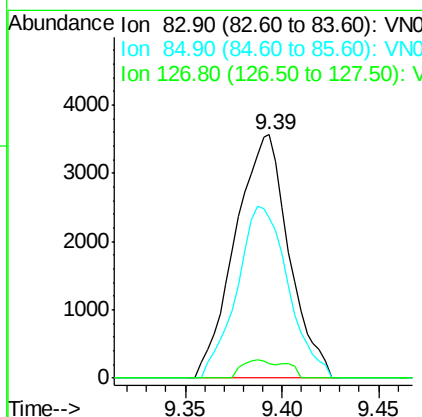
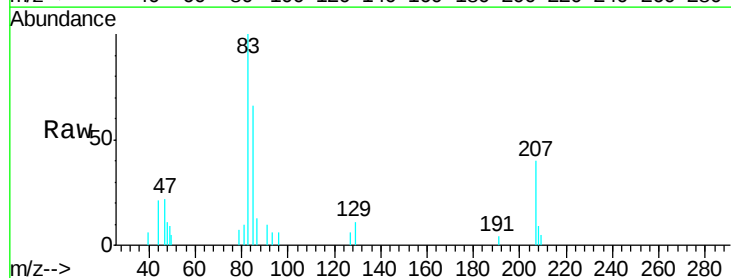
Manual Integrations
APPROVED

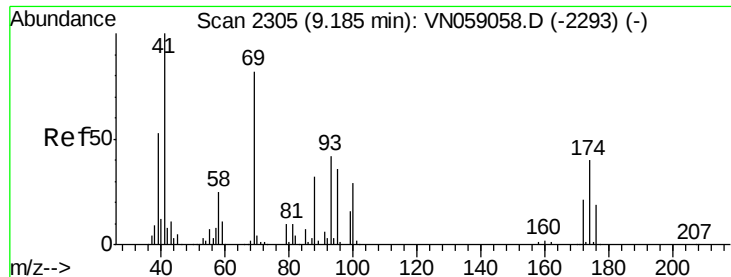
MMDadoda
11/5/2019 1:58:37 PM



#47
Bromodichloromethane
Concen: 0.884 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion: 83 Resp: 6874
Ion Ratio Lower Upper
83 100
85 66.1 51.2 76.8
127 5.7 6.5 9.7#





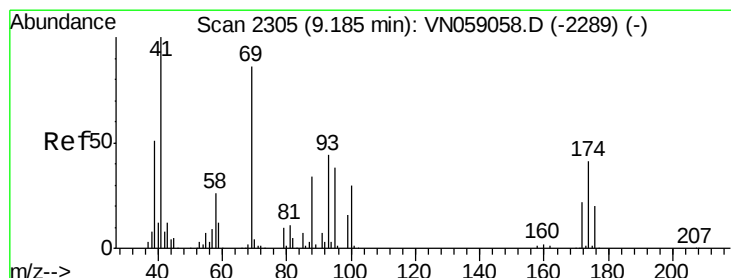
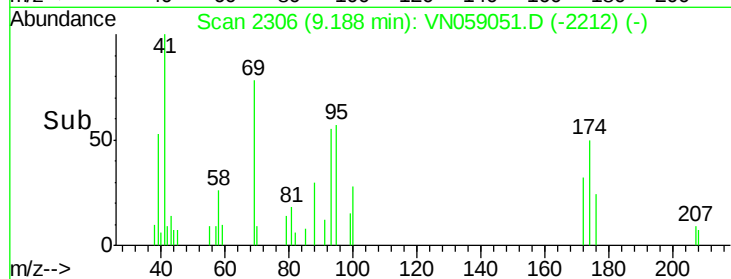
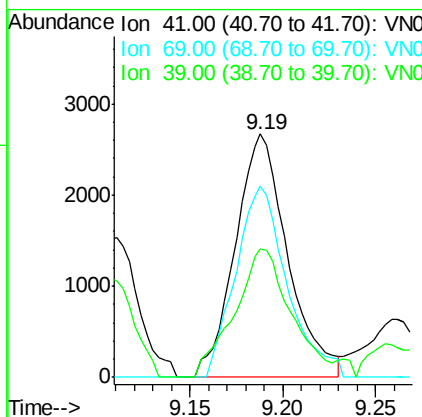
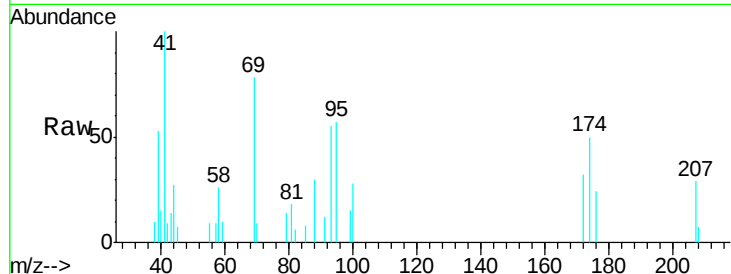
#48
Methyl methacrylate
Concen: 0.896 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.9	67.1	100.7
39	56.7	43.3	64.9

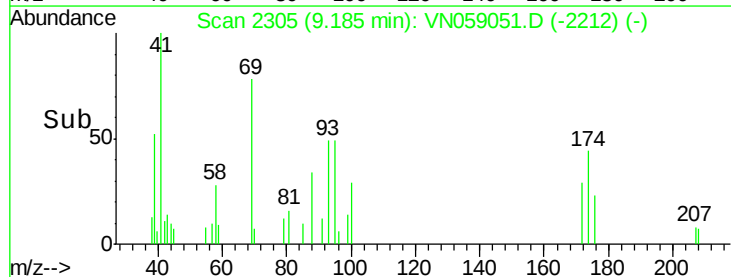
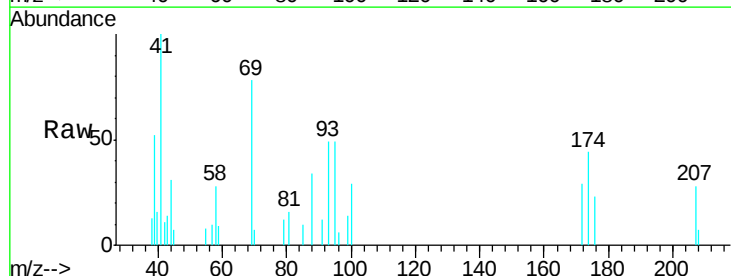
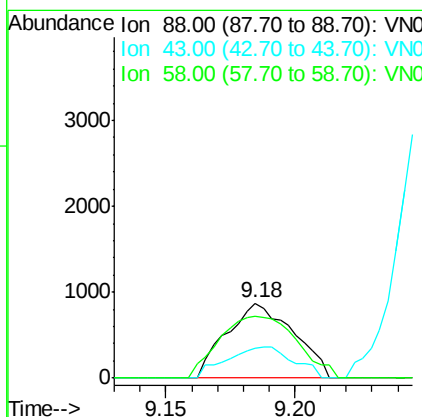
Manual Integrations
APPROVED

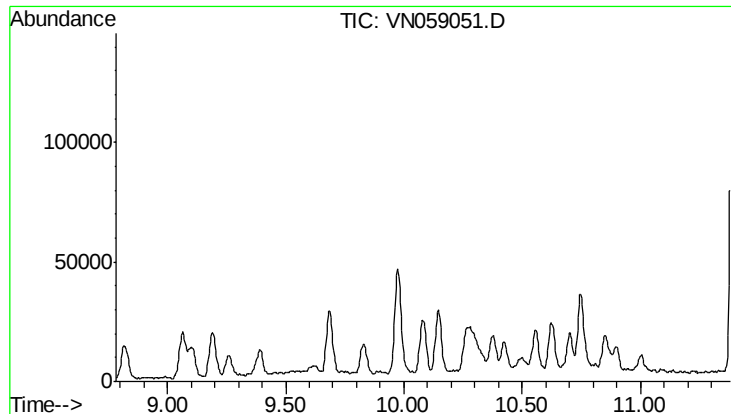
MMDadoda
11/5/2019 1:58:37 PM



#49
1,4-Dioxane
Concen: 15.868 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
88	100		
43	41.4	26.2	39.2#
58	96.2	59.1	88.7#





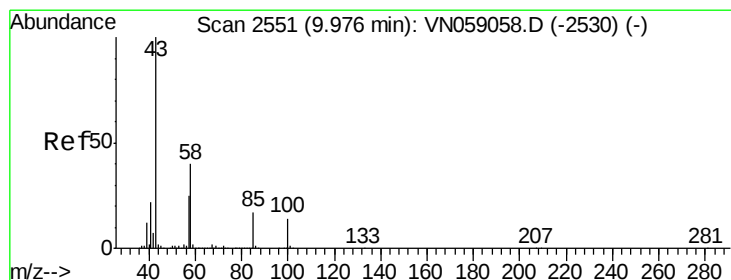
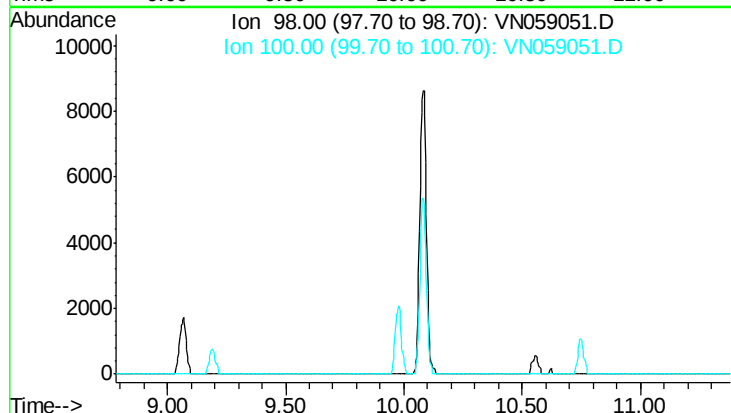
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.08 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 64.6

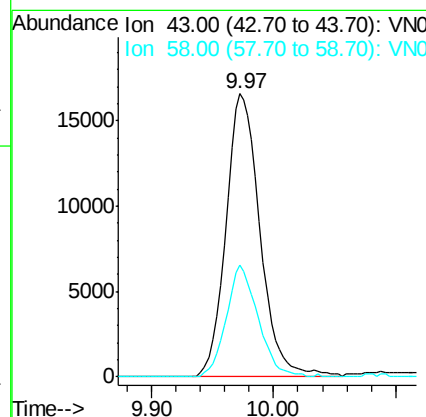
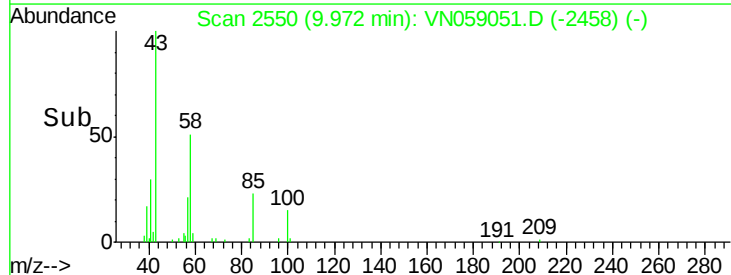
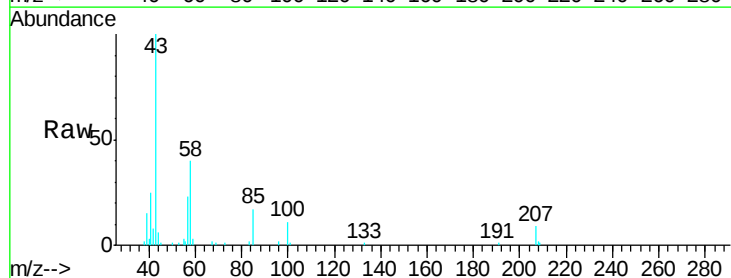
Manual Integrations
APPROVED

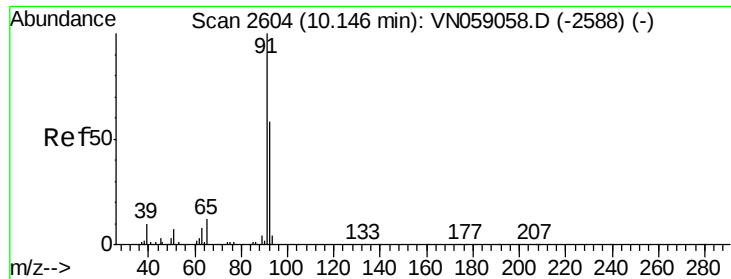
MMDadoda
11/5/2019 1:58:37 PM



#51
4-Methyl-2-Pentanone
Concen: 4.279 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion: 43 Resp: 32419
Ion Ratio Lower Upper
43 100
58 36.8 31.8 47.6





#52

Toluene

Concen: 0.847 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 10977

Ion Ratio Lower Upper

92 100

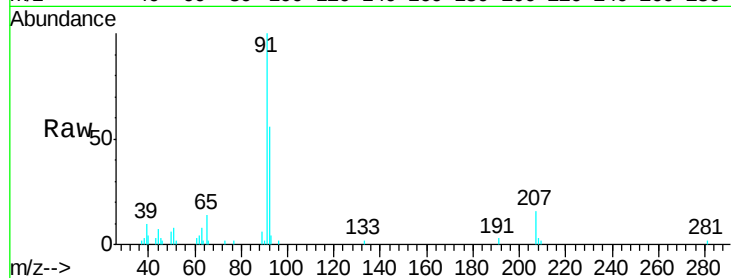
91 180.4 138.7 208.1

Manual Integrations

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Abundance Ion 92.00 (91.70 to 92.70): VN059058.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN059058.D (-2588) (-)

12000

10000

8000

6000

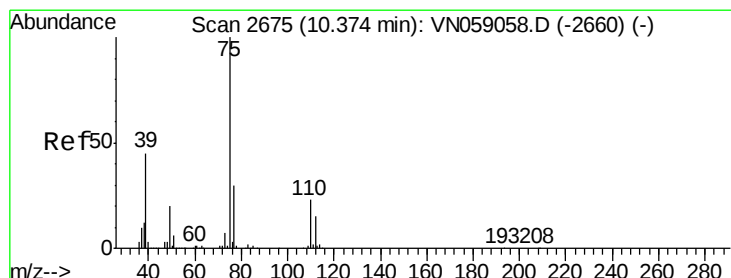
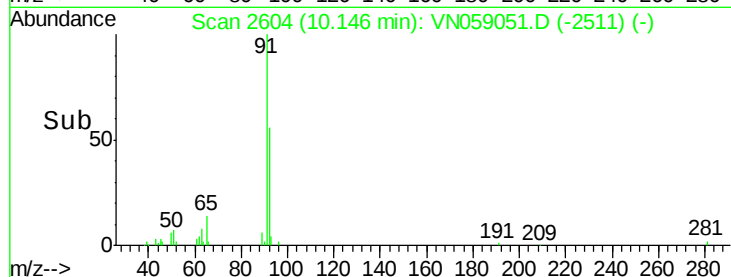
4000

2000

0

10.10 10.15 10.20

Time-->



#53

t-1,3-Dichloropropene

Concen: 0.959 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059051.D

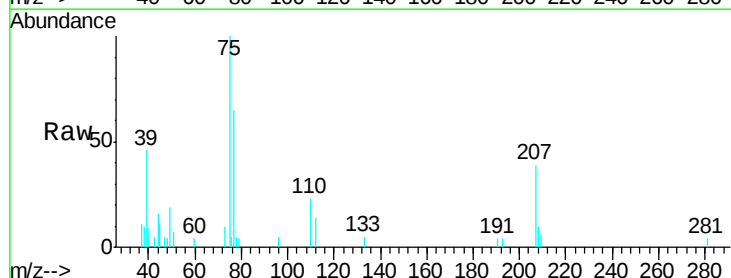
Acq: 1 Nov 2019 10:25

Tgt Ion: 75 Resp: 8277

Ion Ratio Lower Upper

75 100

77 35.4 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VN059058.D (-2660) (-)

Ion 76.90 (76.60 to 77.60): VN059058.D (-2660) (-)

15000

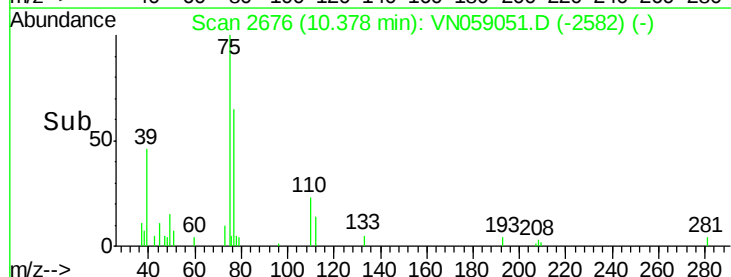
10000

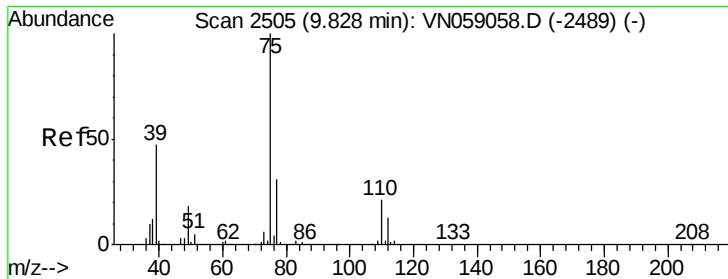
5000

0

10.30 10.35 10.40 10.45

Time-->





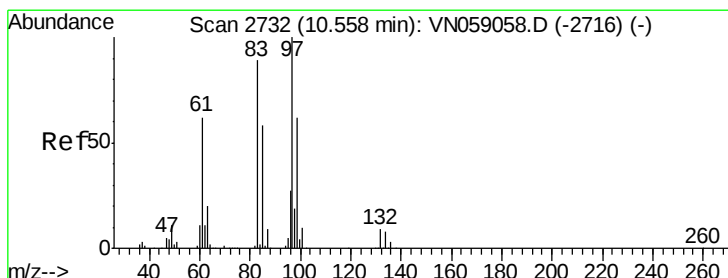
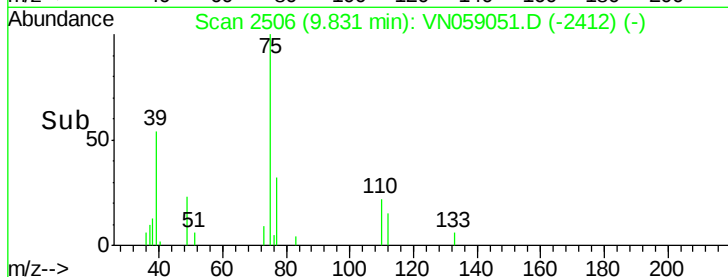
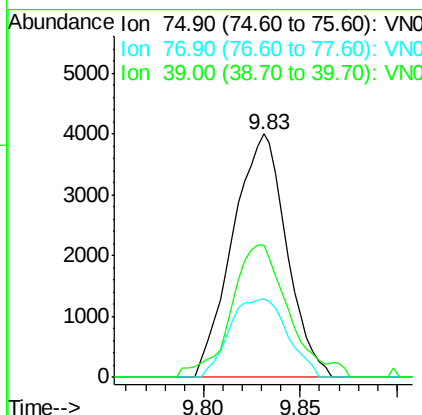
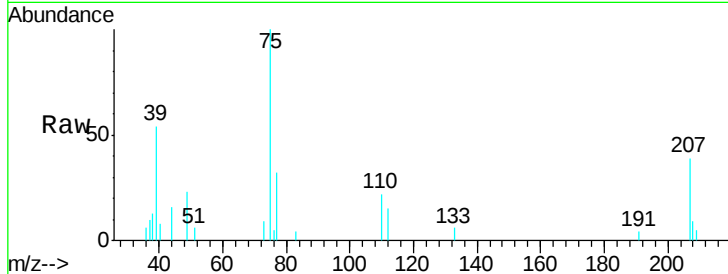
#54
 cis-1,3-Dichloropropene
 Concen: 0.841 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.6	37.0
39	50.4	37.4	56.2

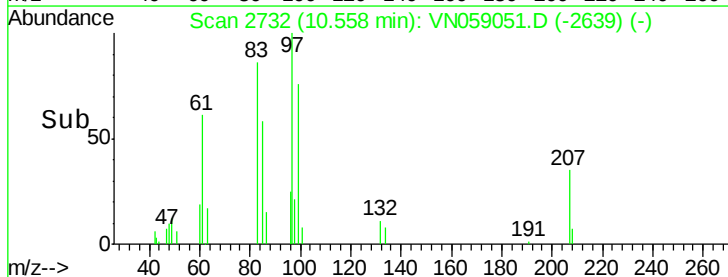
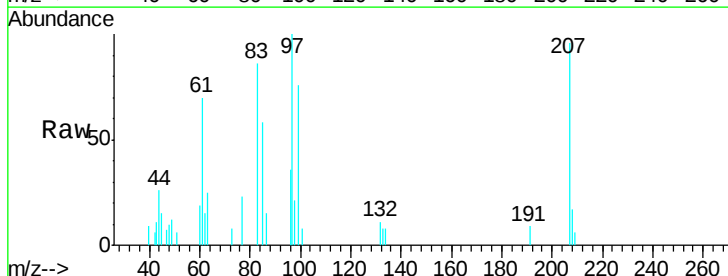
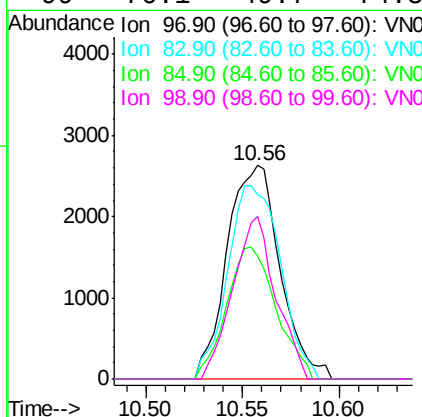
Manual Integrations
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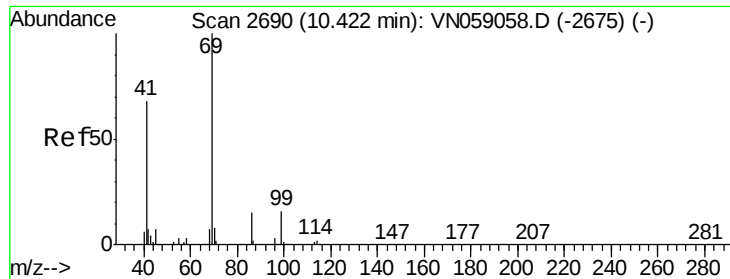
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#55
 1,1,2-Trichloroethane
 Concen: 0.937 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	71.4	107.2
85	57.6	46.6	70.0
99	76.1	49.7	74.5#





#56

Ethyl methacrylate

Concen: 0.746 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 69 Resp: 5888

Ion Ratio Lower Upper

69 100

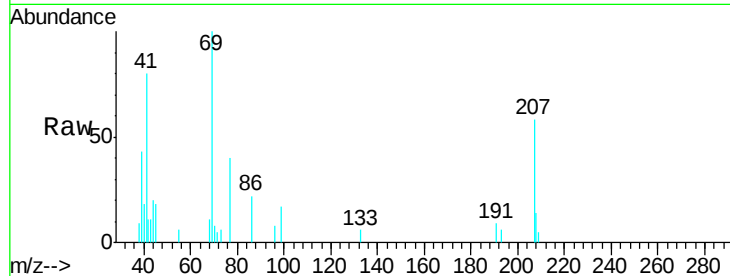
41 80.9 53.8 80.8#

39 38.6 26.2 39.2

Manual Integrations
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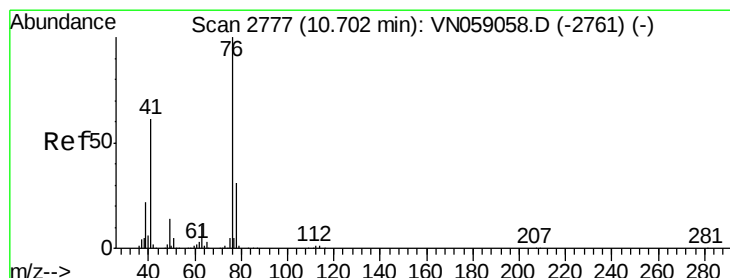
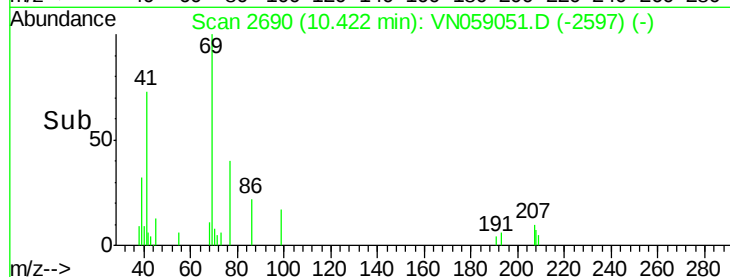
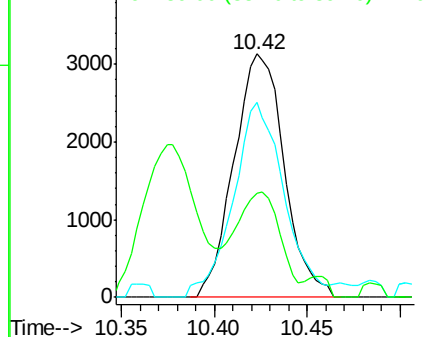
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Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.895 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059051.D

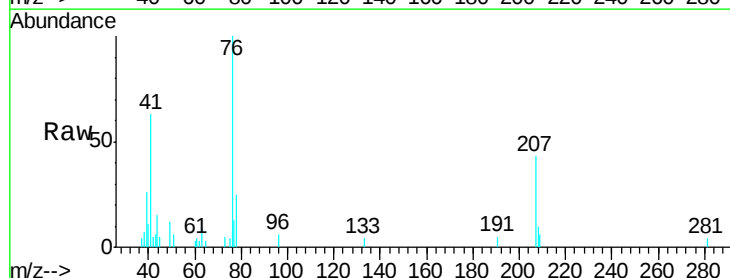
Acq: 1 Nov 2019 10:25

Tgt Ion: 76 Resp: 8371

Ion Ratio Lower Upper

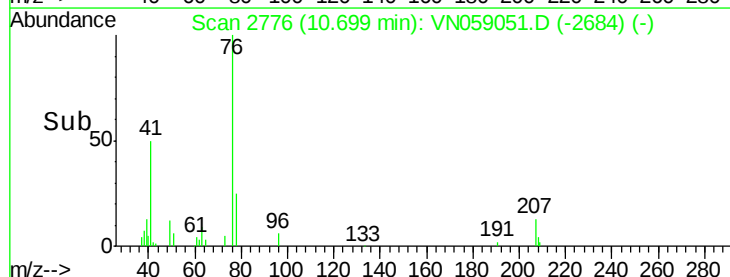
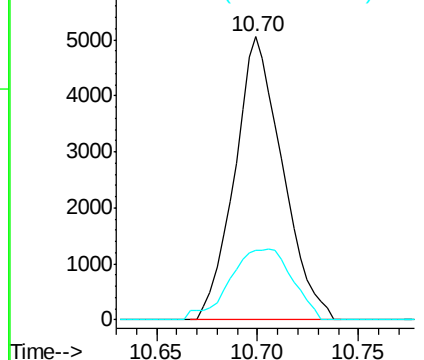
76 100

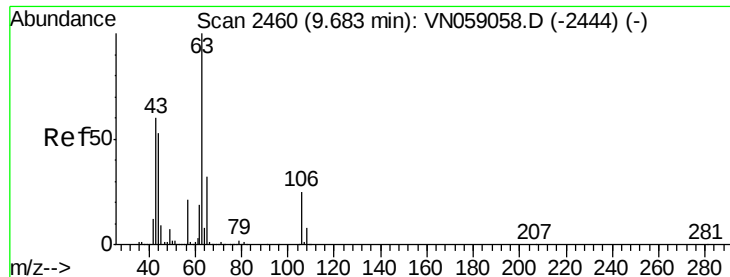
78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





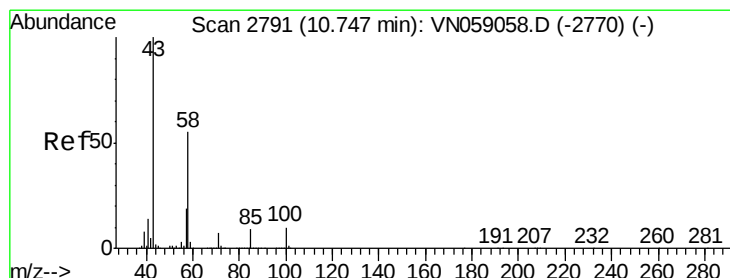
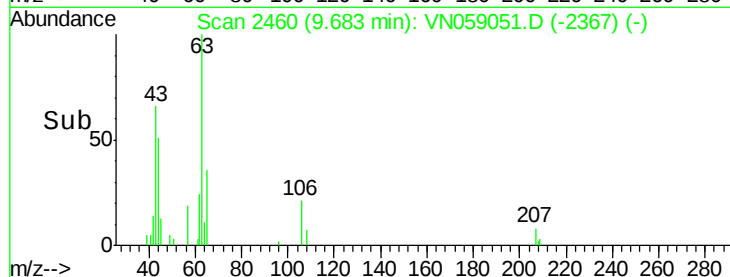
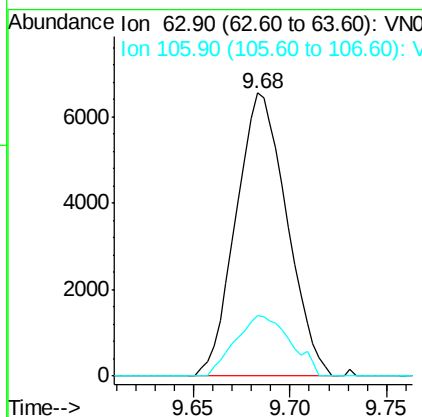
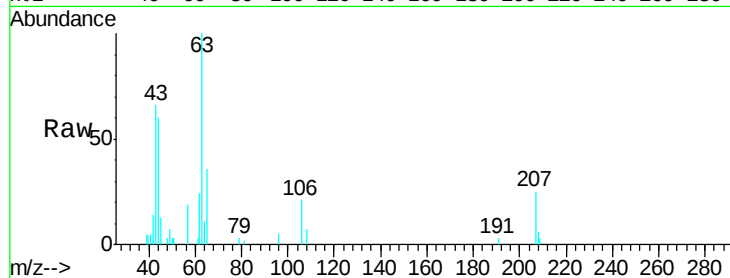
#58
2-Chloroethyl Vinyl ether
Concen: 3.604 ug/l
RT: 9.68 min Scan# 2460
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 11969
Ion Ratio Lower Upper
63 100
106 23.1 19.8 29.6

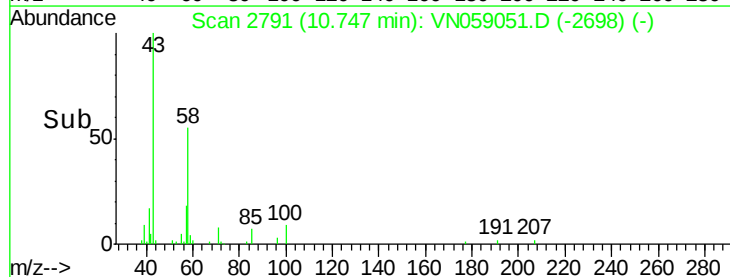
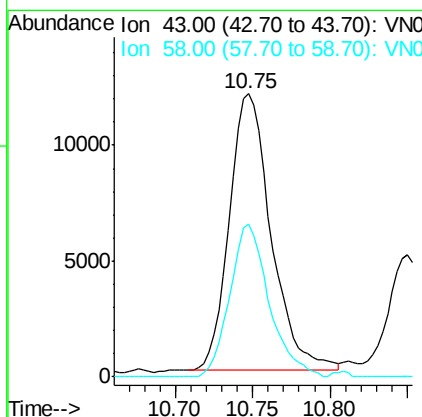
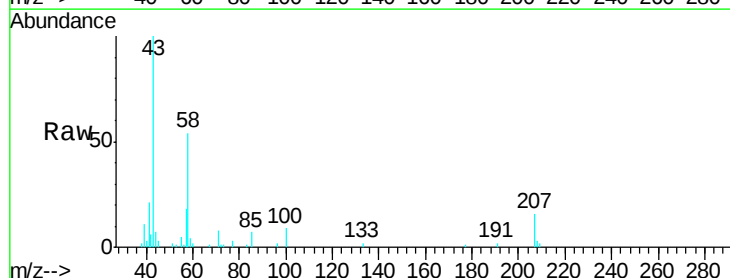
Manual Integrations
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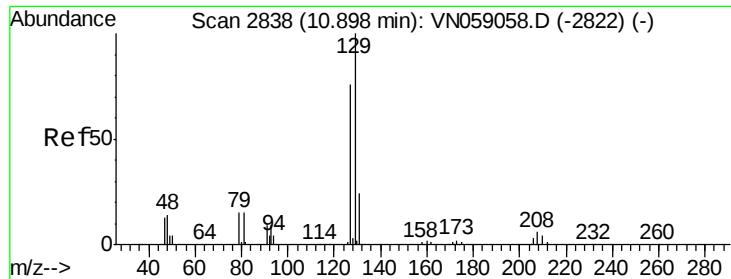
MMDadoda
11/5/2019 1:58:37 PM



#59
2-Hexanone
Concen: 3.835 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion: 43 Resp: 22412
Ion Ratio Lower Upper
43 100
58 51.7 27.4 82.2





#60

Dibromochloromethane

Concen: 0.911 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:129 Resp: 5239

Ion Ratio Lower Upper

129 100

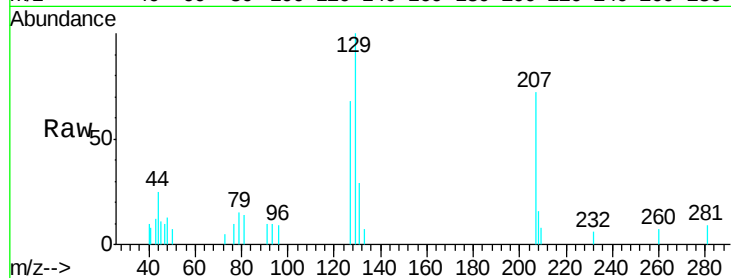
127 68.6 38.3 114.8

Manual Integrations

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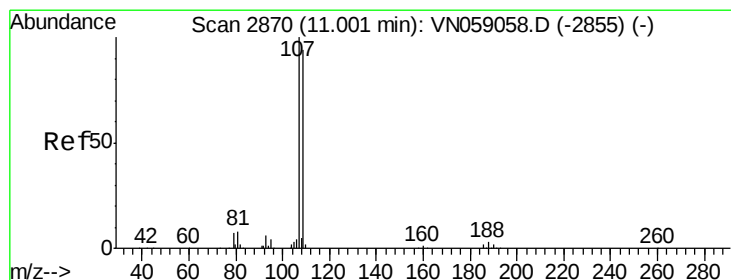
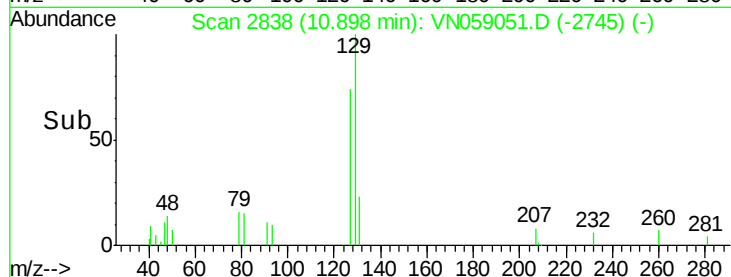
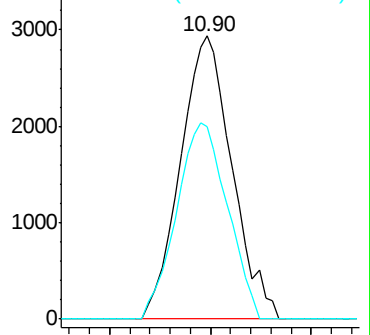
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.859 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN059051.D

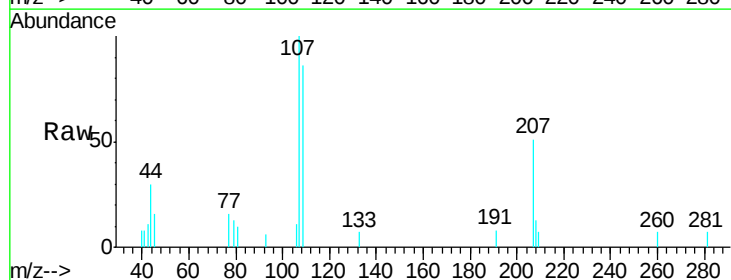
Acq: 1 Nov 2019 10:25

Tgt Ion:107 Resp: 4691

Ion Ratio Lower Upper

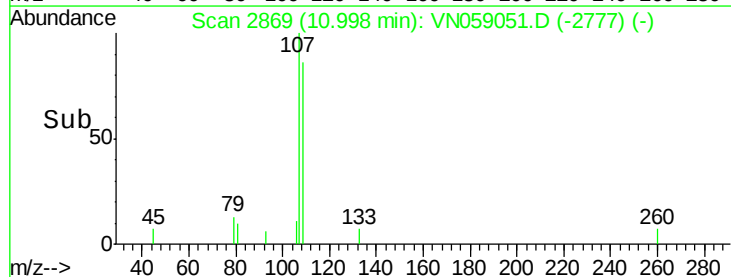
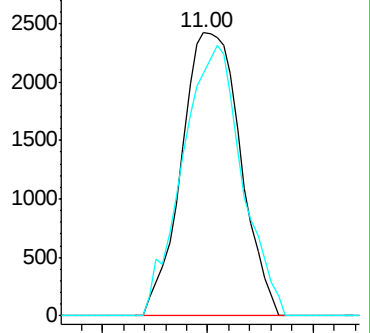
107 100

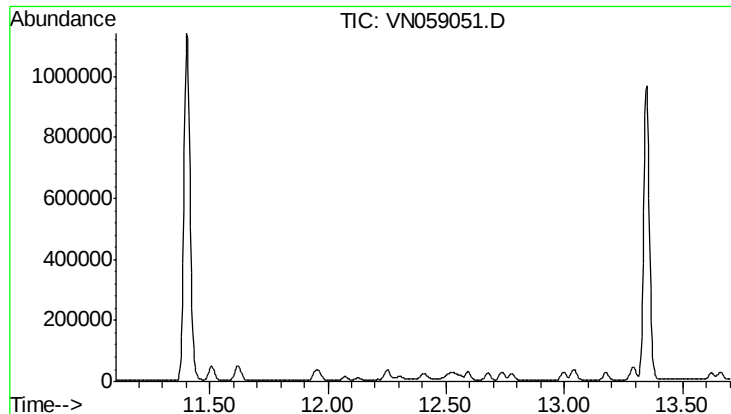
109 96.5 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.40 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Tgt Ion: 95

Sig Exp Ratio

95 100

174 77.9

176 75.8

Instrument :

MSVOA_N

ClientSampleId :

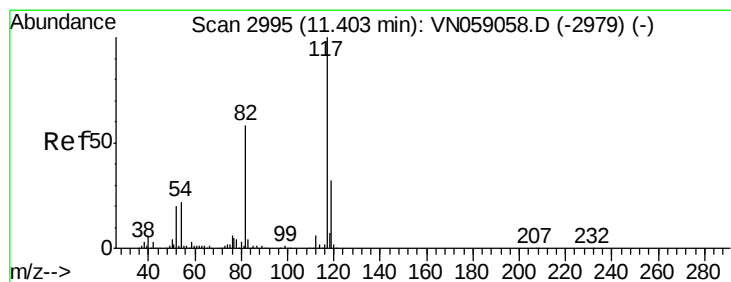
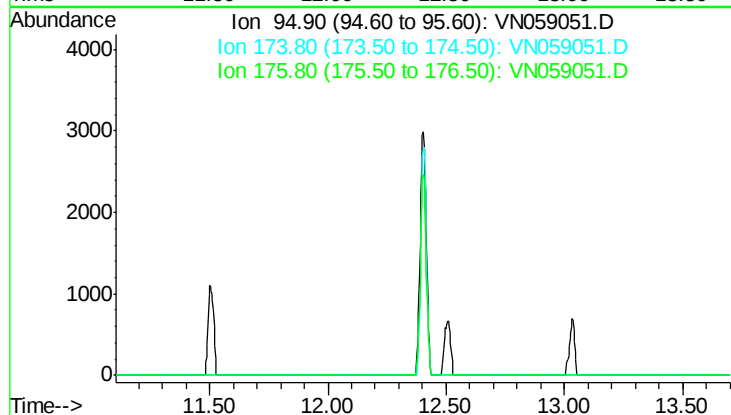
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

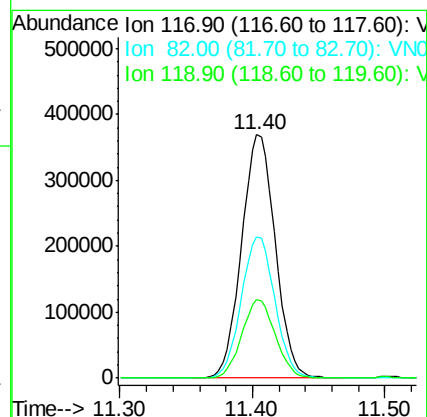
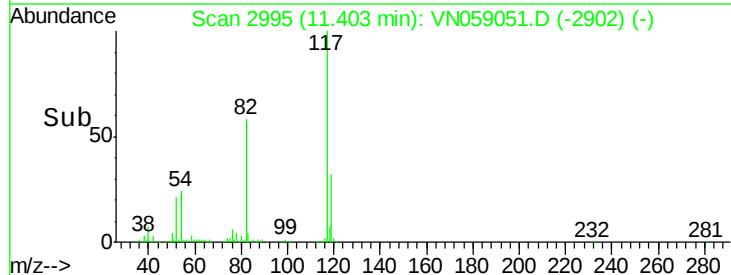
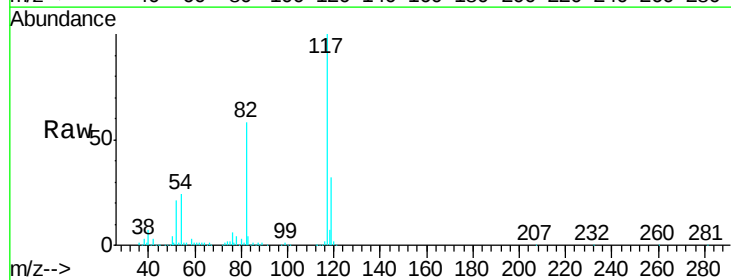
Tgt Ion: 117 Resp: 652094

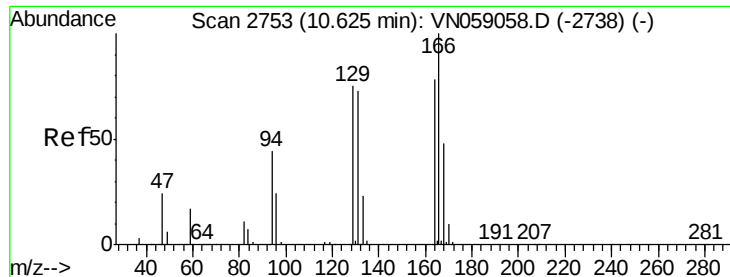
Ion Ratio Lower Upper

117 100

82 58.1 46.0 69.0

119 32.0 25.6 38.4





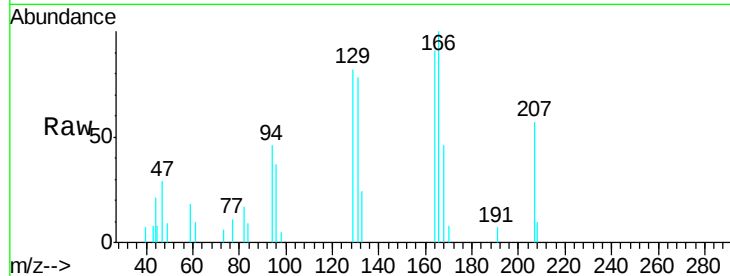
#64
Tetrachloroethene
Concen: 1.074 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

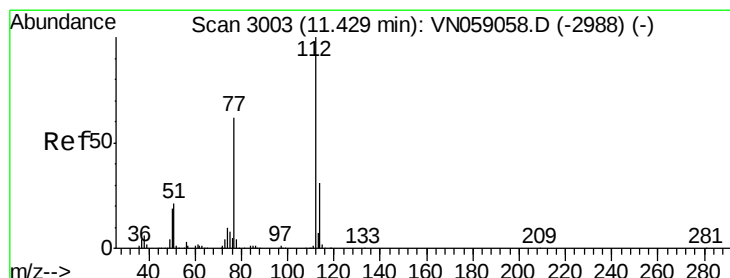
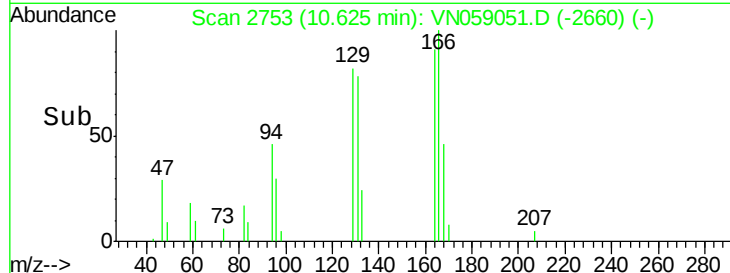
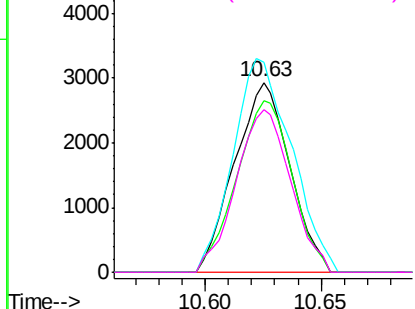
Tgt Ion:164 Resp: 4852
Ion Ratio Lower Upper
164 100
166 110.3 102.7 154.1
129 90.6 77.3 115.9
131 85.6 74.8 112.2

Manual Integrations
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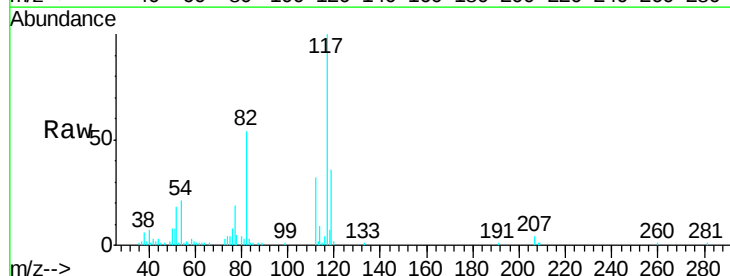


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

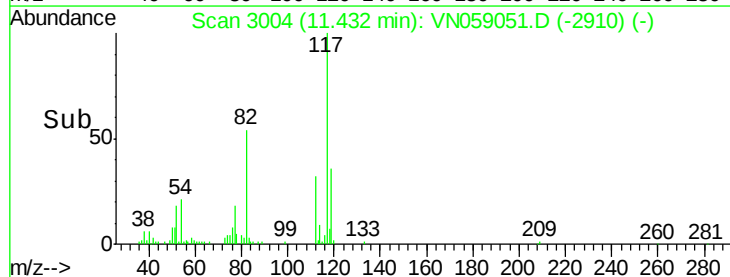
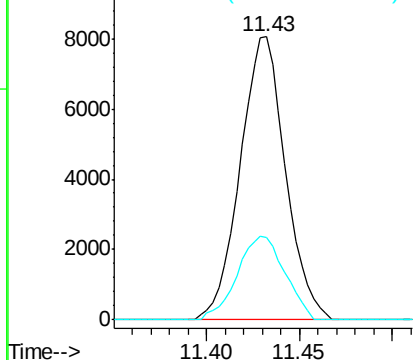


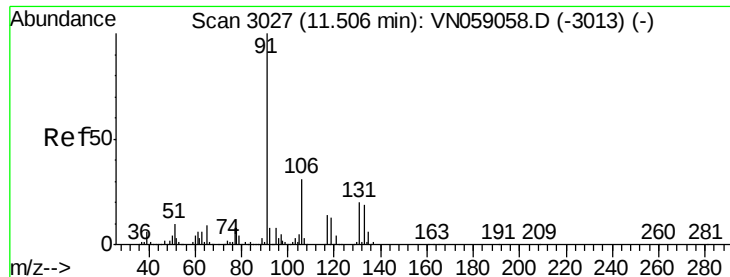
#65
Chlorobenzene
Concen: 1.040 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion:112 Resp: 13667
Ion Ratio Lower Upper
112 100
114 29.3 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





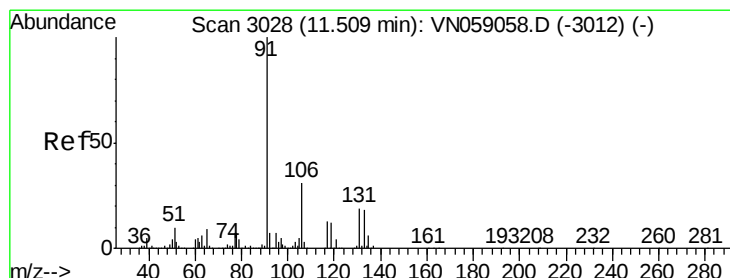
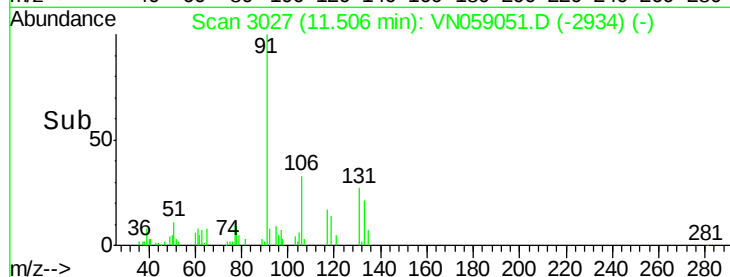
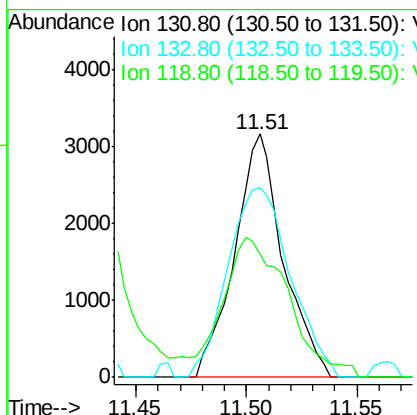
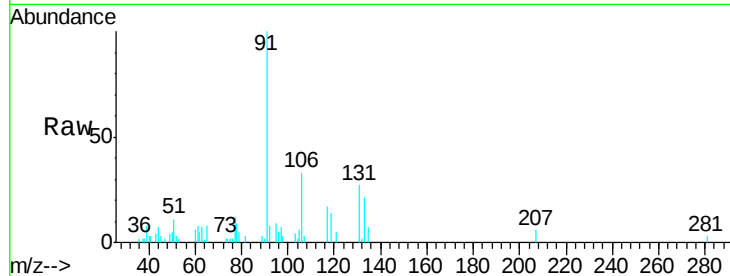
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.975 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
131	100		
133	100.7	47.9	143.6
119	0.0	33.5	100.5#

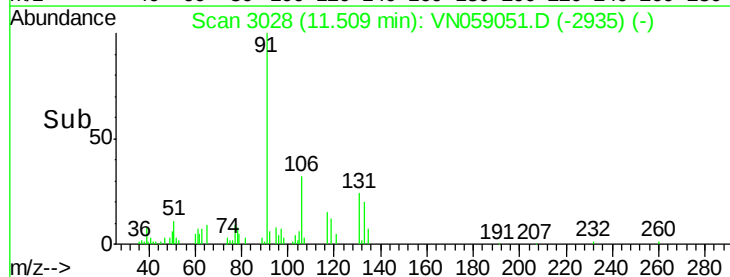
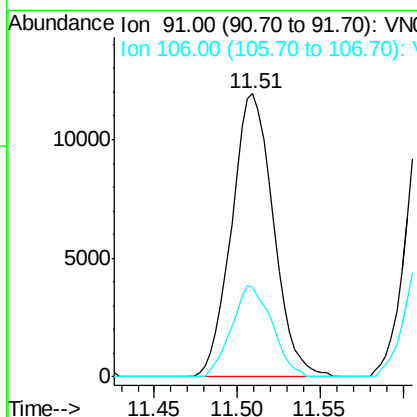
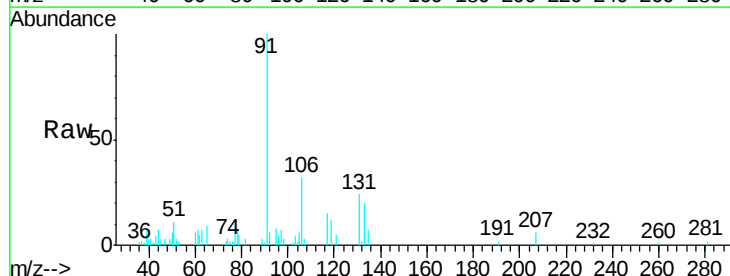
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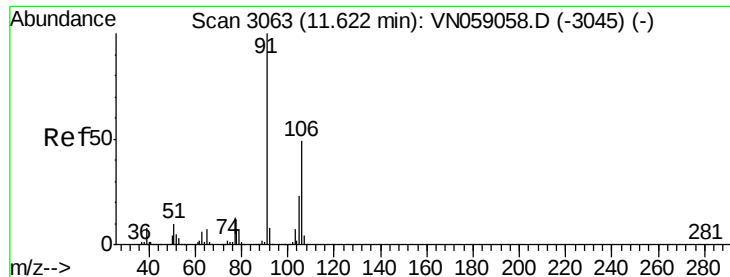
MMDadoda
 11/5/2019 1:58:37 PM



#67
 Ethyl Benzene
 Concen: 0.910 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.6	36.8





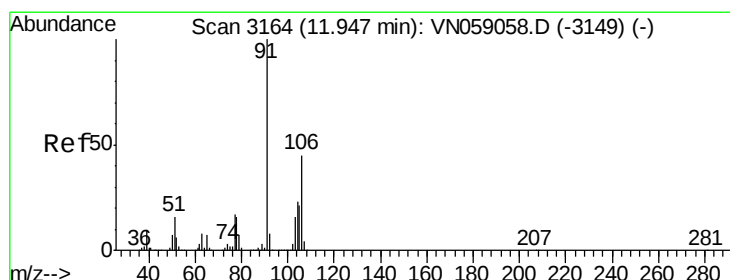
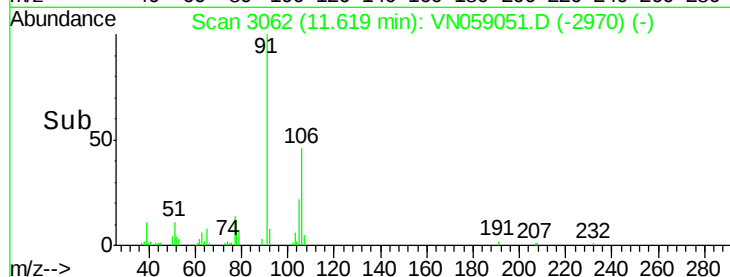
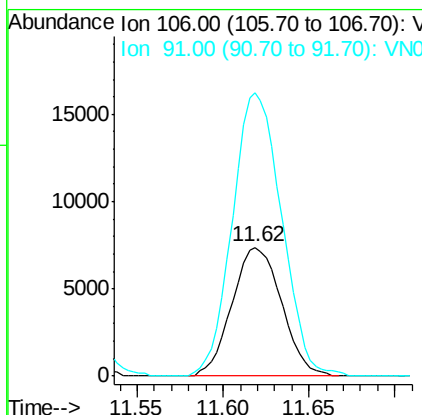
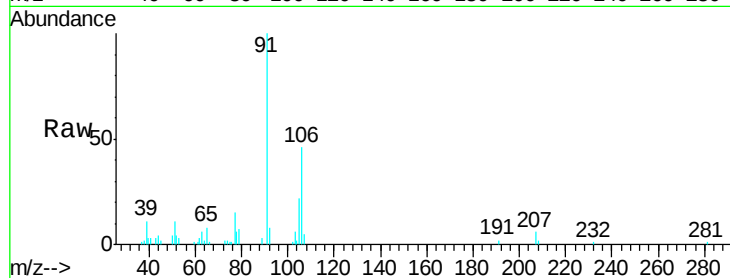
#68
m/p-Xylenes
Concen: 1.735 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 14780
Ion Ratio Lower Upper
106 100
91 218.4 165.7 248.5

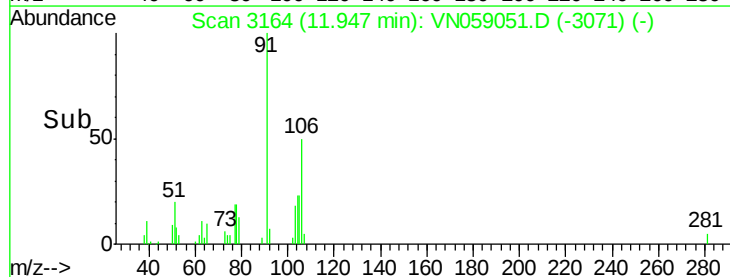
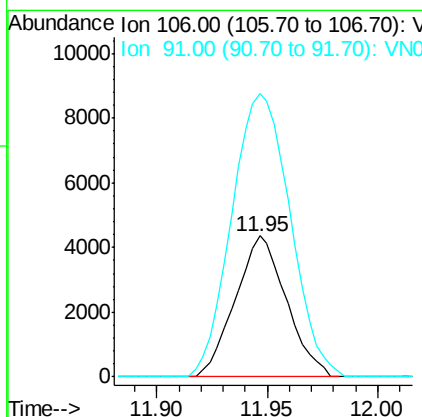
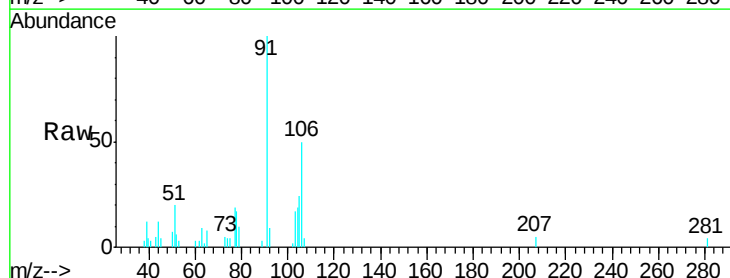
Manual Integrations
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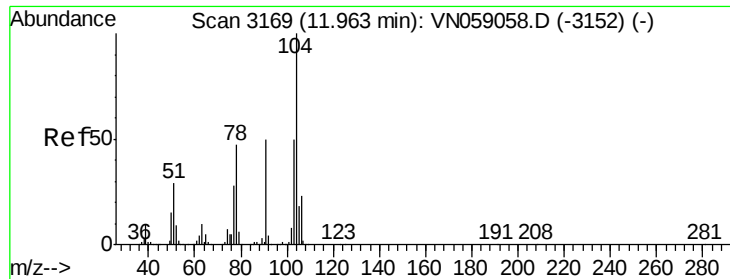
MMDadoda
11/5/2019 1:58:37 PM



#69
o-Xylene
Concen: 0.859 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion:106 Resp: 6997
Ion Ratio Lower Upper
106 100
91 230.4 110.4 331.2





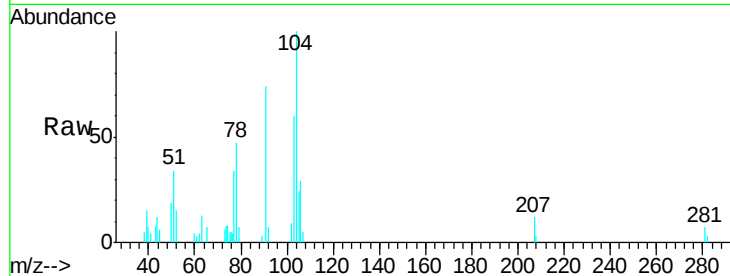
#70
Styrene
Concen: 0.781 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

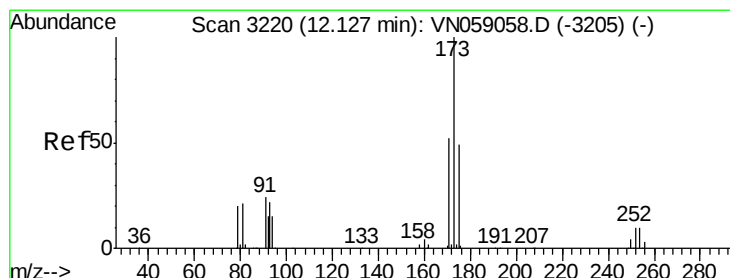
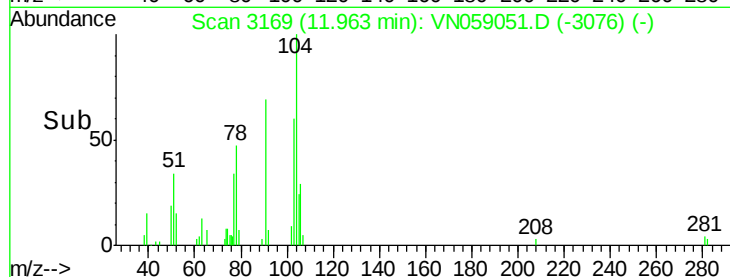
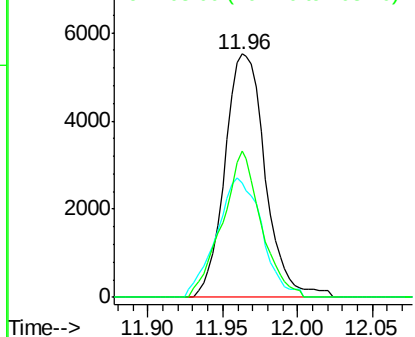
Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.0	41.2	61.8
103	57.7	43.9	65.9

Manual Integrations
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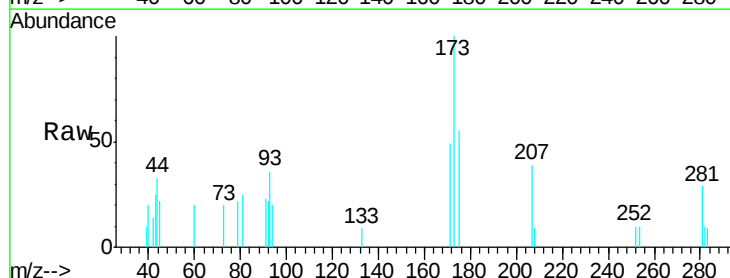


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

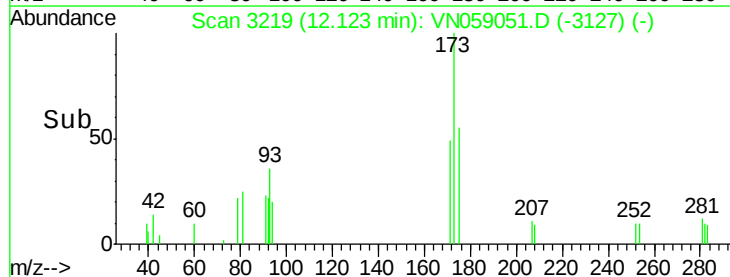
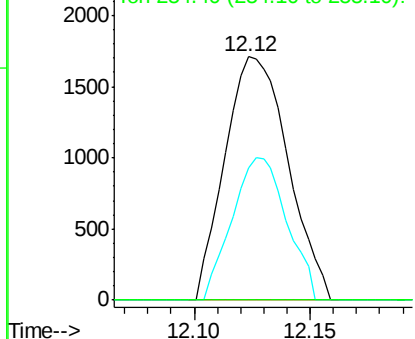


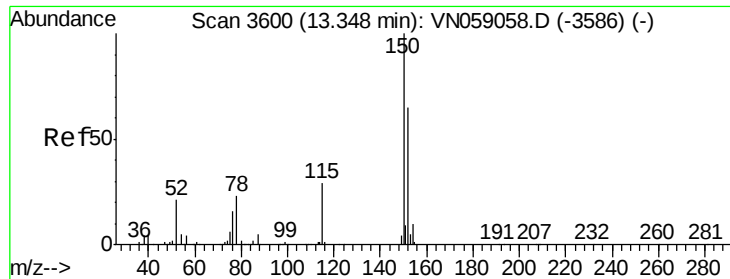
#71
Bromoform
Concen: 0.837 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.4	73.2
254	0.0	0.1	0.1#



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





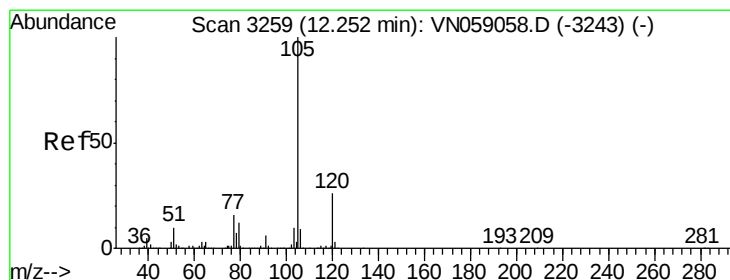
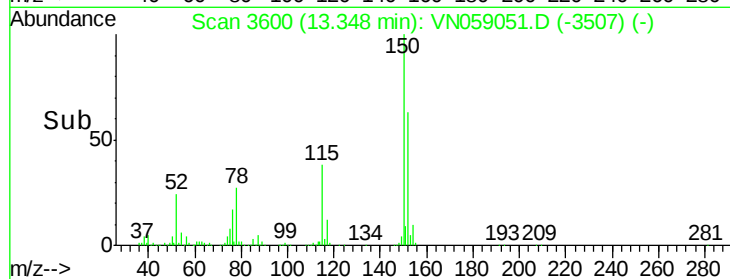
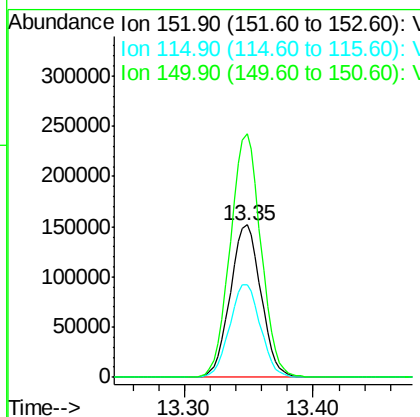
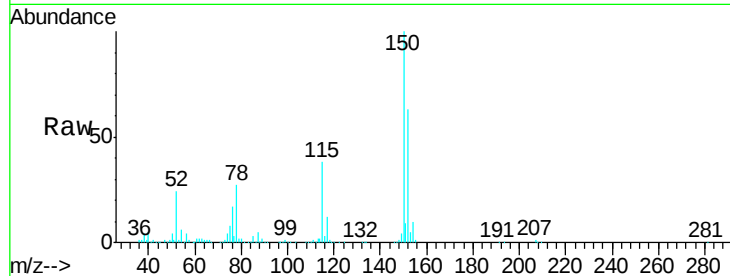
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	251905		
115	60.2	29.6	88.9	
150	158.5	0.0	345.8	

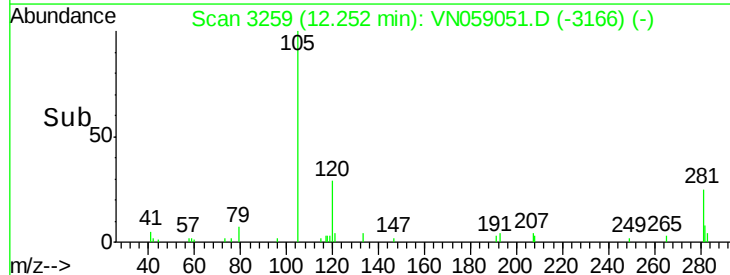
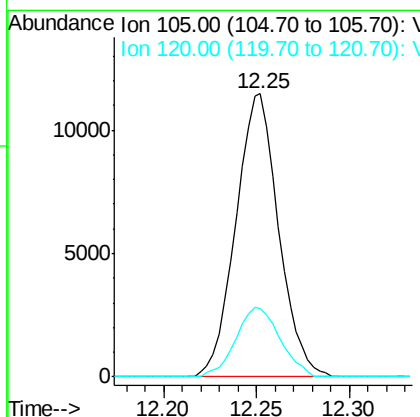
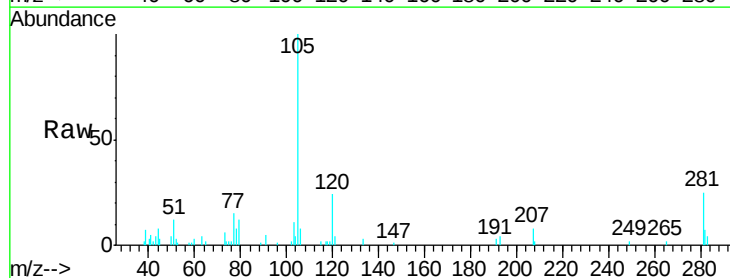
Manual Integrations
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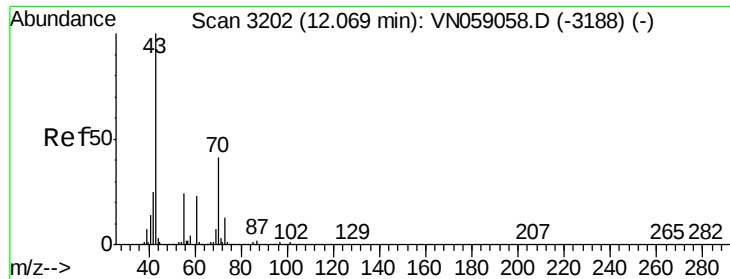
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 11/5/2019 1:58:37 PM



#73
 Isopropylbenzene
 Concen: 1.007 ug/l
 RT: 12.25 min Scan# 3259
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	18373		
120	25.4	13.1	39.1	





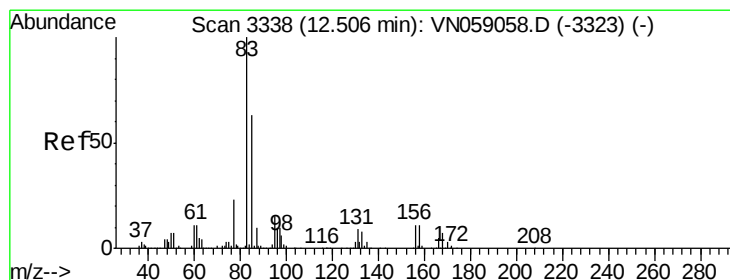
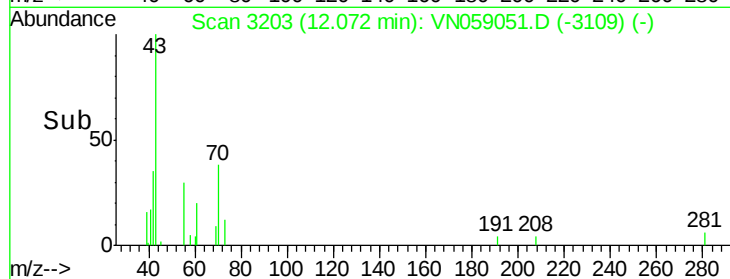
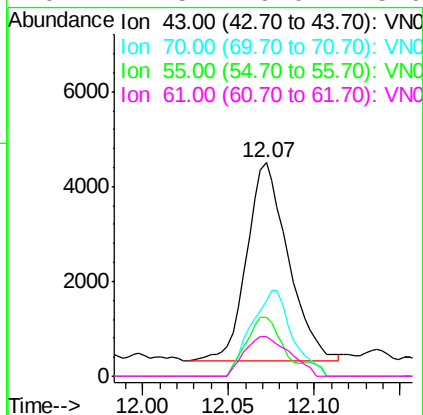
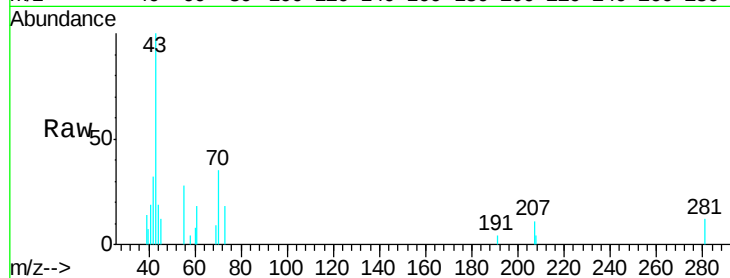
#74
N-ethyl acetate
Concen: 0.852 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.4	32.6	49.0
55	25.7	19.7	29.5
61	21.5	19.0	28.6

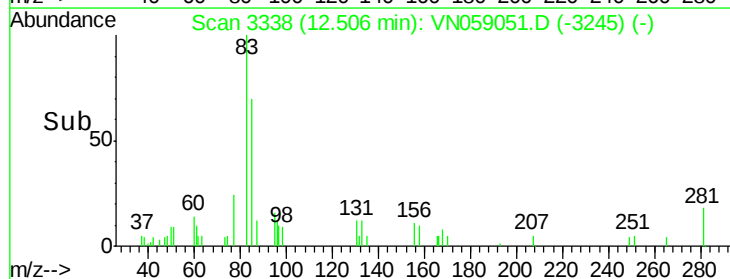
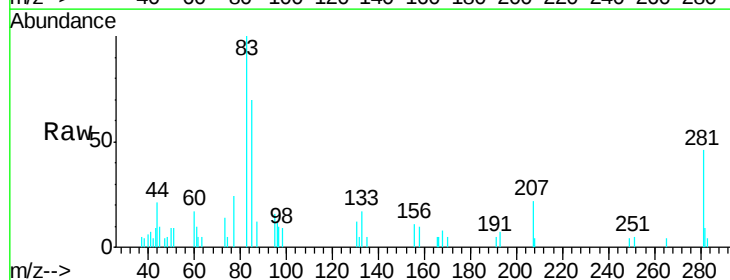
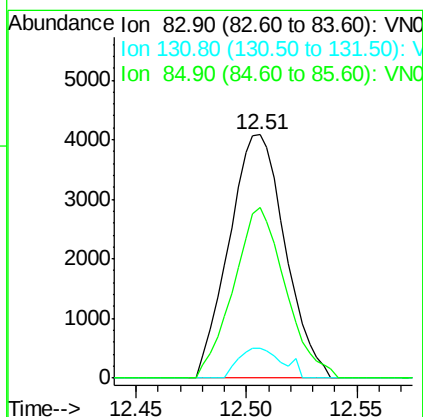
Manual Integrations
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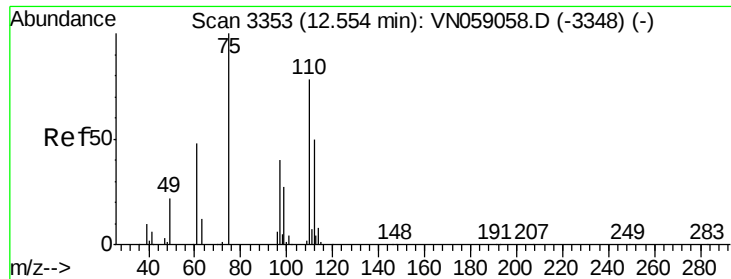
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11/5/2019 1:58:37 PM



#75
1,1,2,2-Tetrachloroethane
Concen: 1.121 ug/l
RT: 12.51 min Scan# 3338
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.7
85	65.3	31.9	95.9





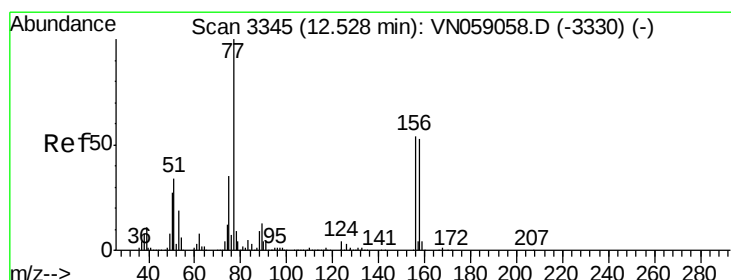
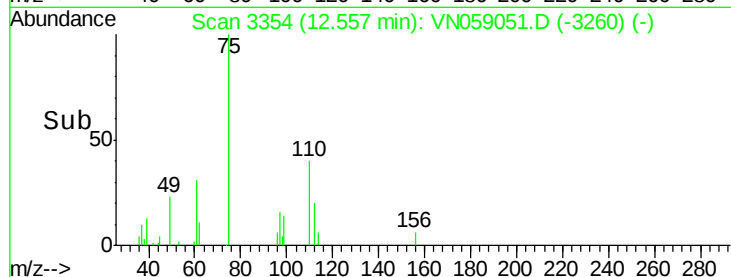
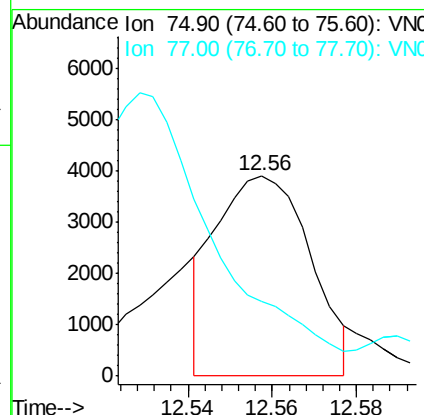
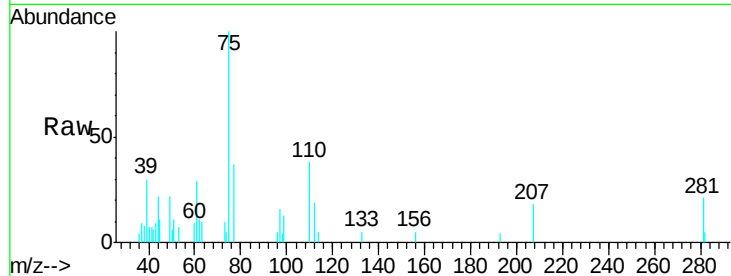
#76
1,2,3-Trichloropropane
Concen: 1.038 ug/l m
RT: 12.56 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 6063
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

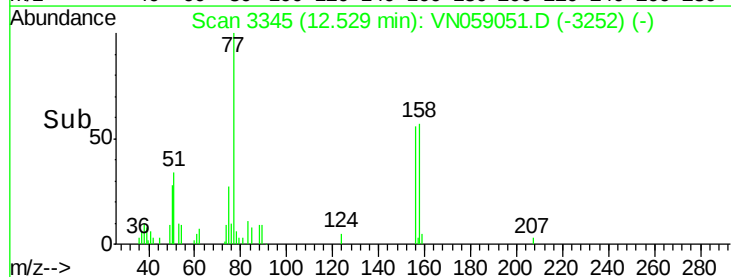
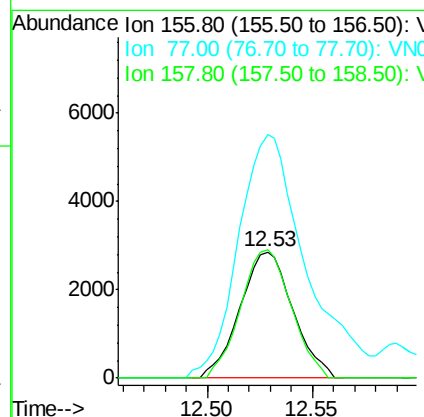
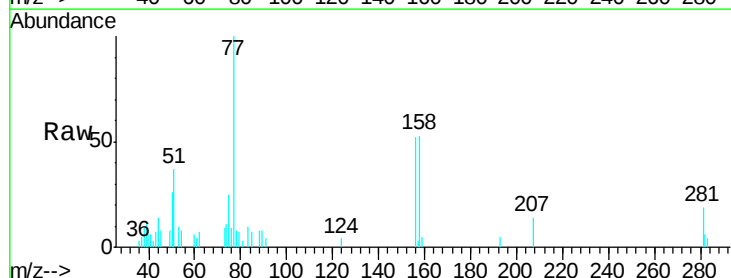
Manual Integrations
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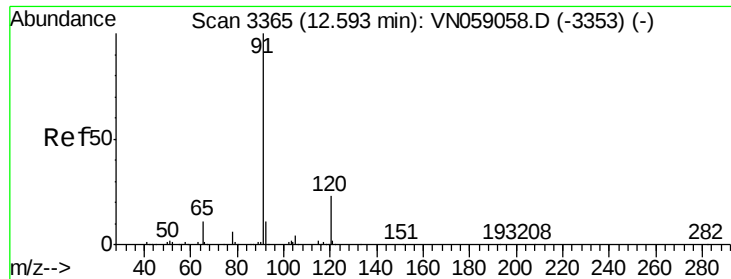
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11/5/2019 1:58:37 PM



#77
Bromobenzene
Concen: 1.106 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion: 156 Resp: 4983
Ion Ratio Lower Upper
156 100
77 245.2 114.2 342.6
158 97.1 49.6 149.0





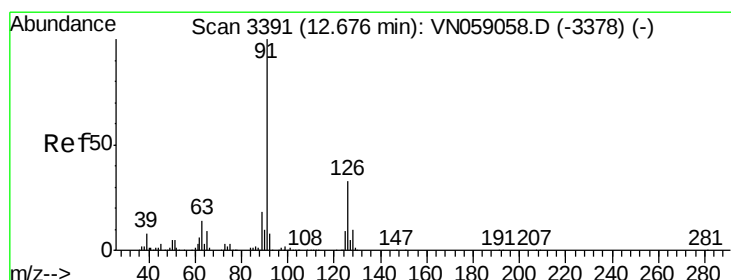
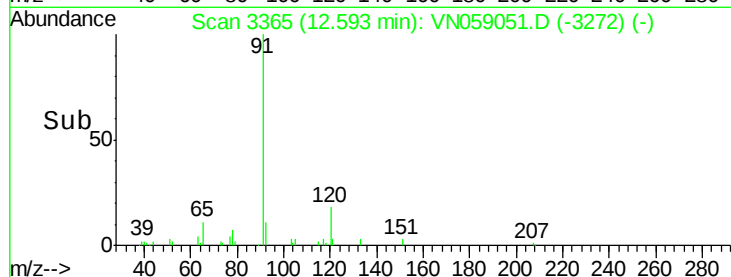
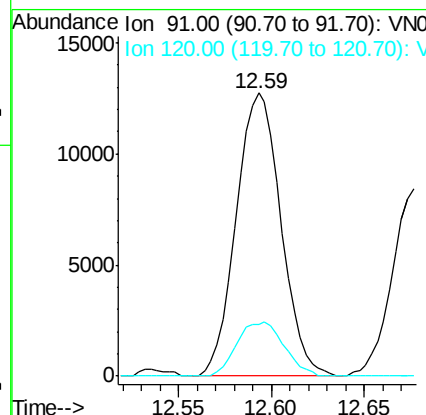
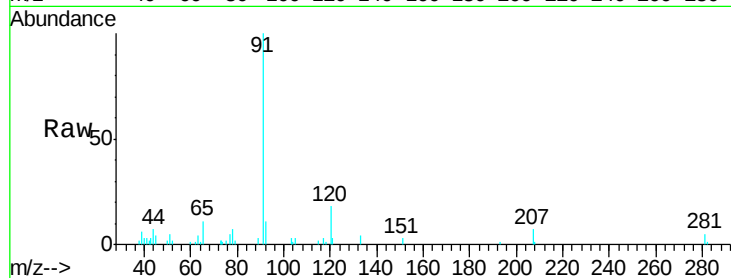
#78
n-propylbenzene
Concen: 0.989 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 21318
Ion Ratio Lower Upper
91 100
120 20.1 11.2 33.5

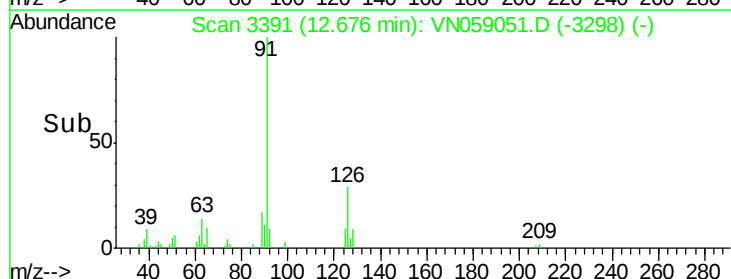
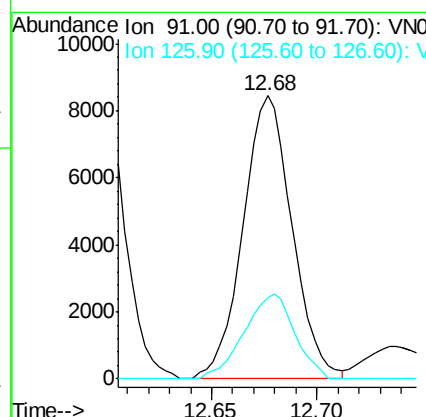
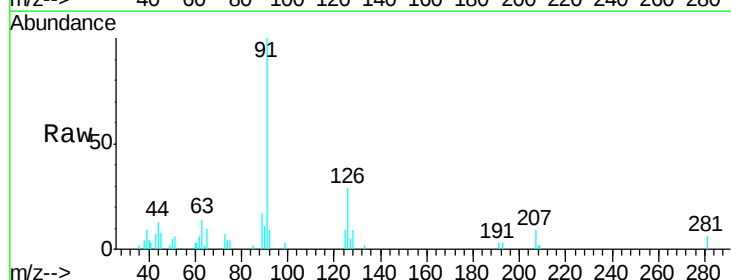
Manual Integrations
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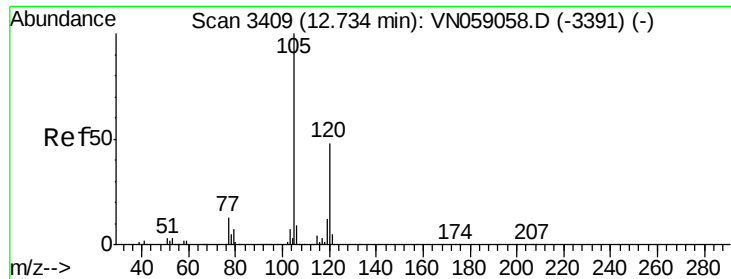
MMDadoda
11/5/2019 1:58:37 PM



#79
2-Chlorotoluene
Concen: 1.035 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion: 91 Resp: 13672
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.8





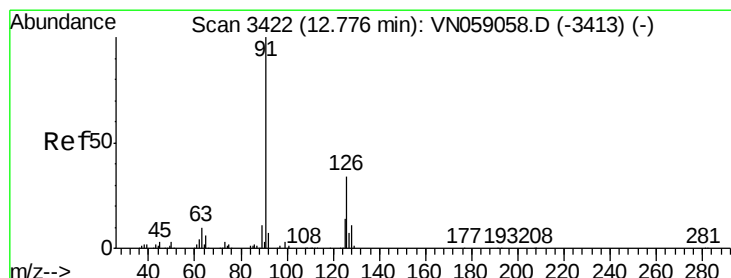
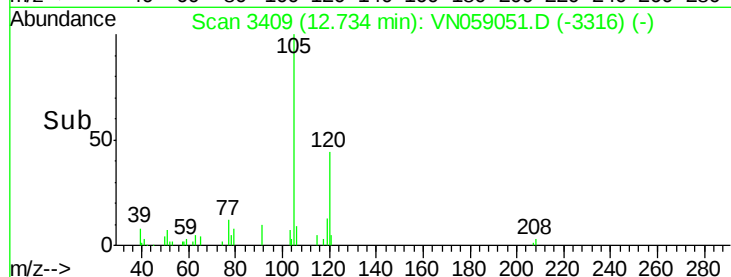
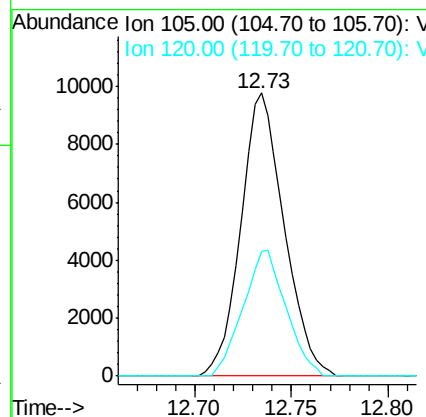
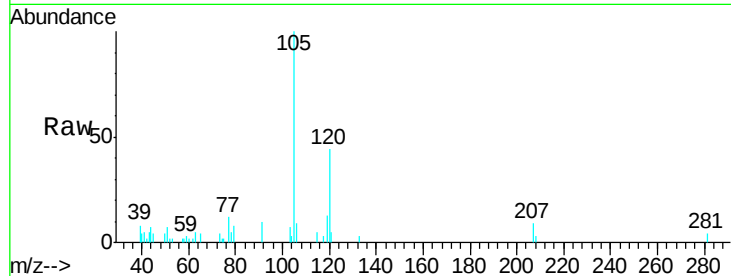
#80
 1,3,5-Trimethylbenzene
 Concen: 0.995 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 105 Resp: 15205
 Ion Ratio Lower Upper
 105 100
 120 44.2 24.2 72.6

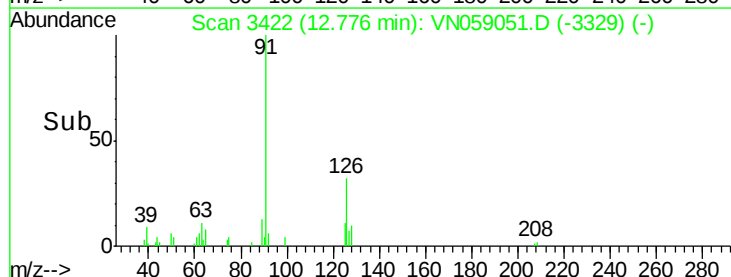
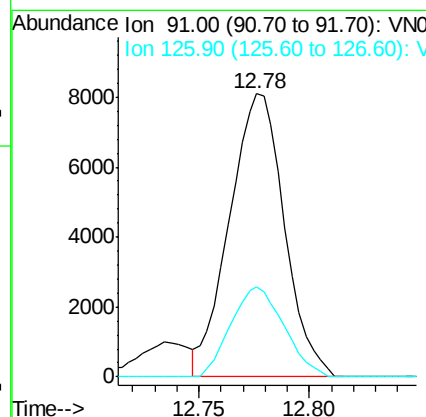
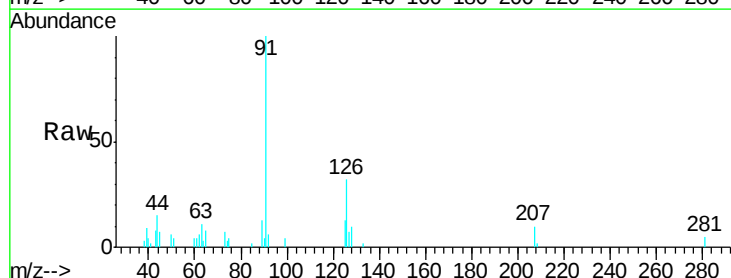
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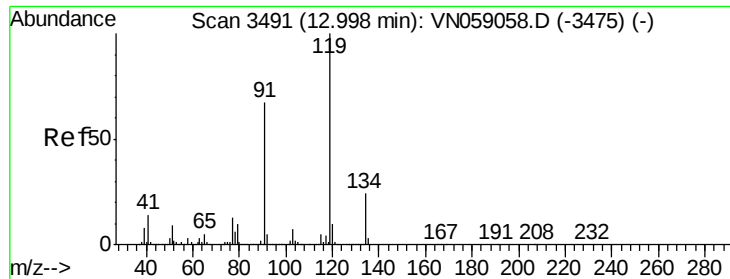
MMDadoda
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#82
 4-Chlorotoluene
 Concen: 1.038 ug/l
 RT: 12.78 min Scan# 3422
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Tgt Ion: 91 Resp: 13973
 Ion Ratio Lower Upper
 91 100
 126 30.7 16.0 47.9





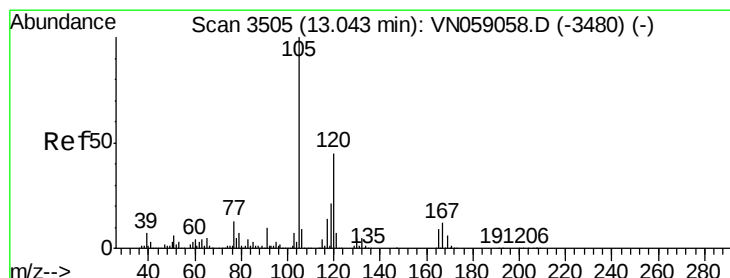
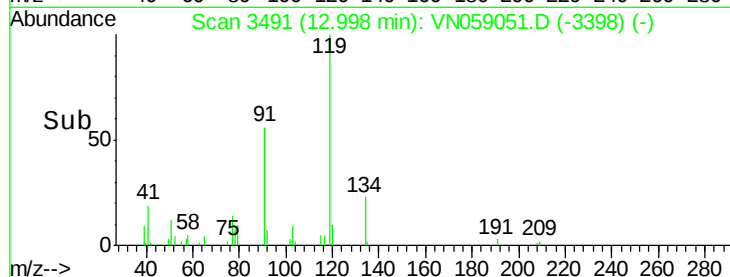
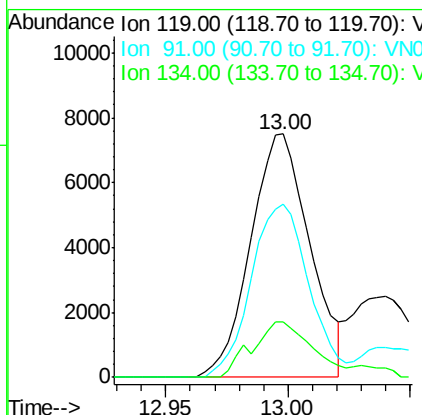
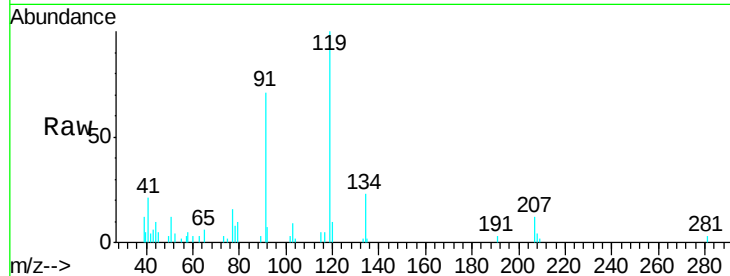
#83
 tert-Butylbenzene
 Concen: 0.964 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
119	100		
91	69.4	33.7	101.0
134	23.0	12.9	38.7

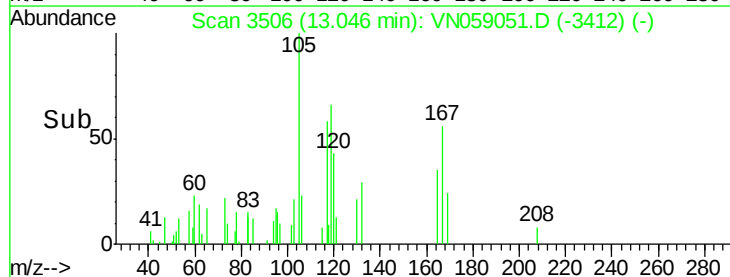
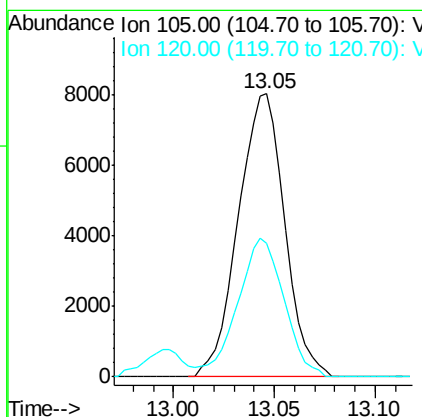
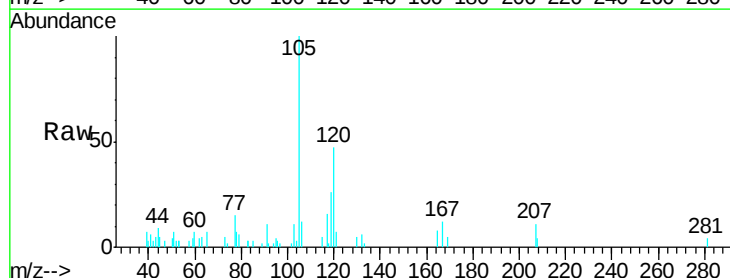
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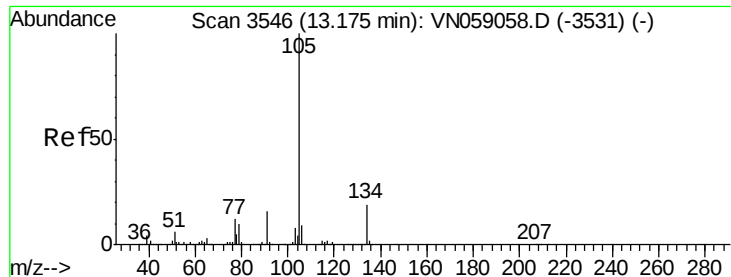
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#84
 1,2,4-Trimethylbenzene
 Concen: 0.859 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	22.3	66.9





#85

sec-Butylbenzene

Concen: 0.915 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 15930

Ion Ratio Lower Upper

105 100

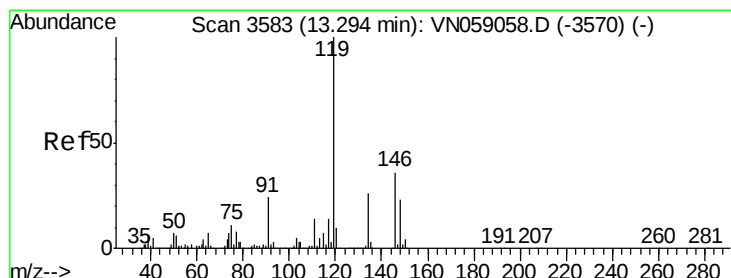
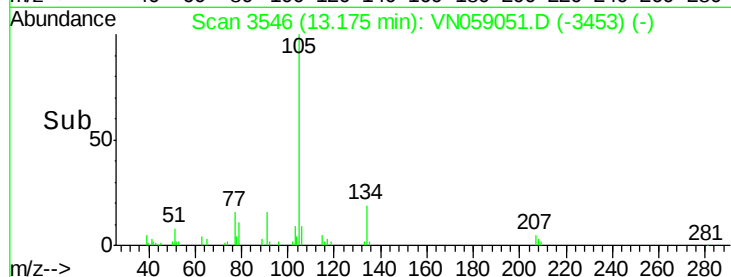
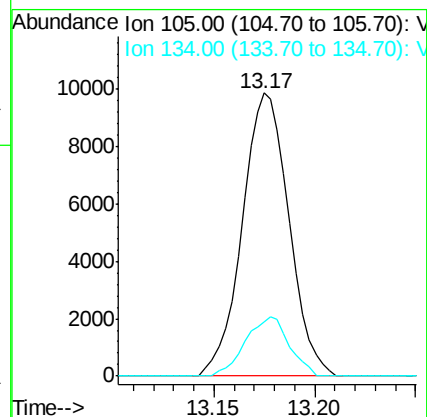
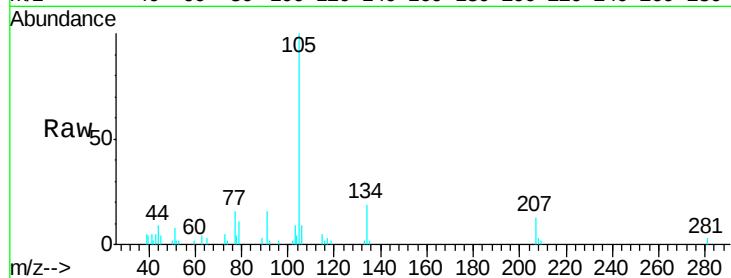
134 19.6 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 0.929 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

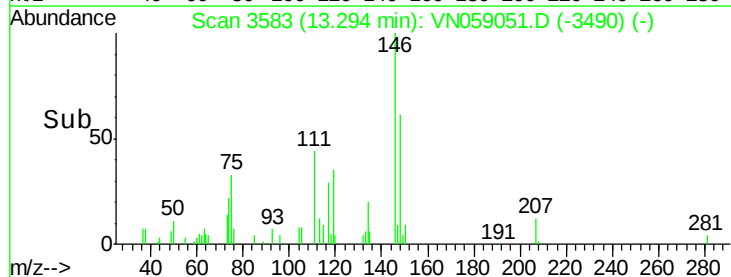
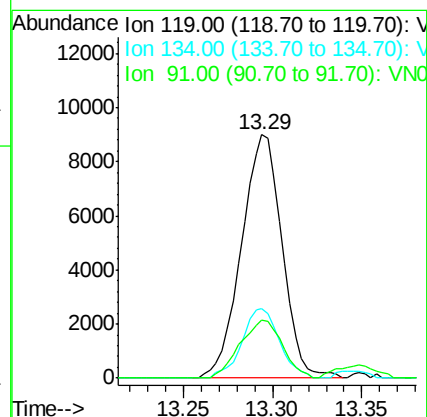
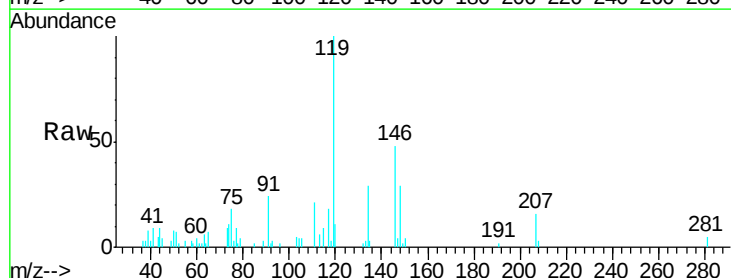
Tgt Ion:119 Resp: 14289

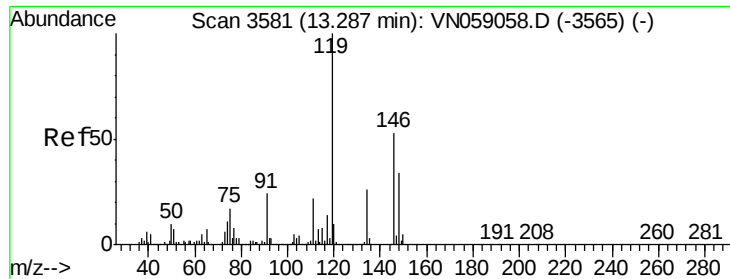
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 24.7 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 1.075 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

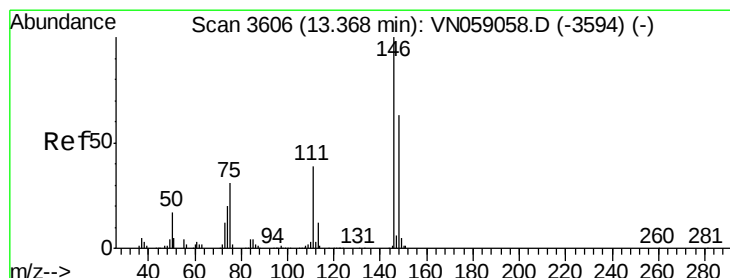
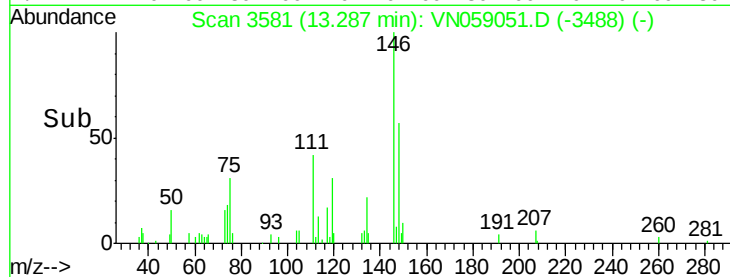
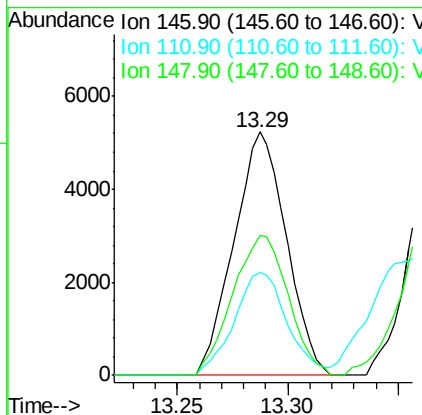
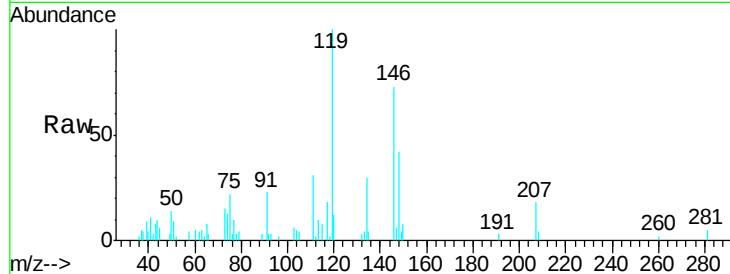
ClientSampleId :

VSTDIC001

Tgt Ion:	146	Resp:	8633
Ion Ratio	Lower	Upper	
146	100		
111	43.0	20.5	61.5
148	60.8	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 1.025 ug/l m

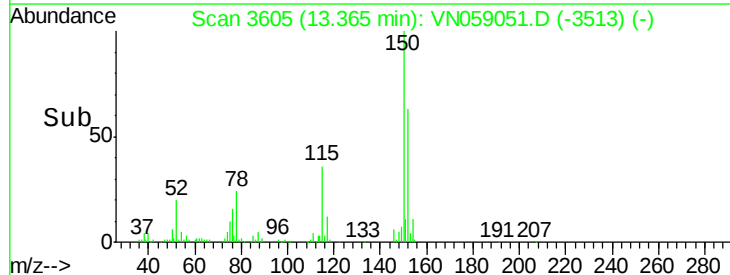
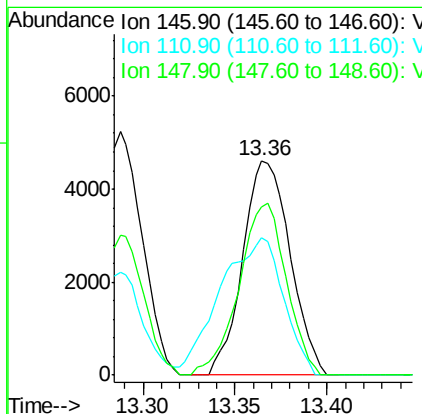
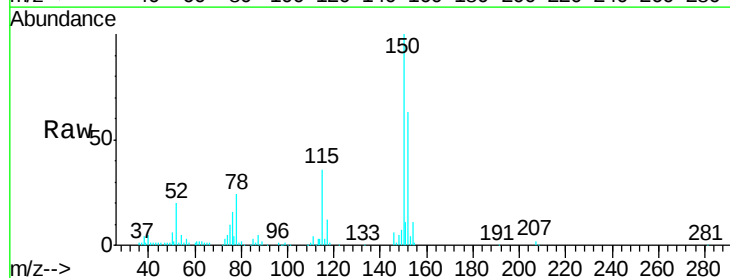
RT: 13.36 min Scan# 3605

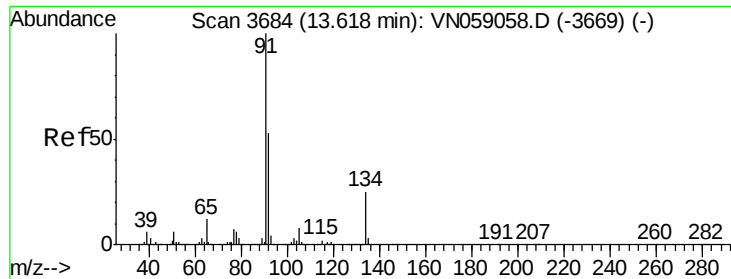
Delta R.T. -0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Tgt Ion:	146	Resp:	8242
Ion Ratio	Lower	Upper	
146	100		
111	45.0	20.1	60.2
148	63.7	31.9	95.7





#89

n-Butylbenzene

Concen: 0.816 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Instrument :

MSVOA_N

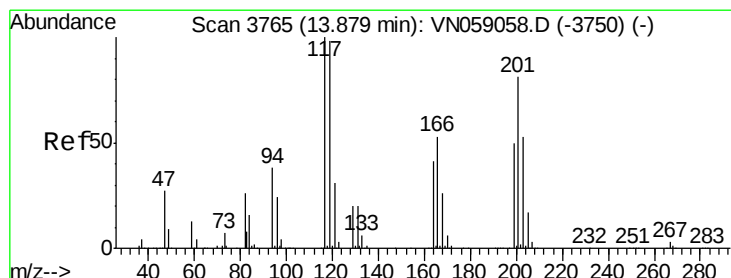
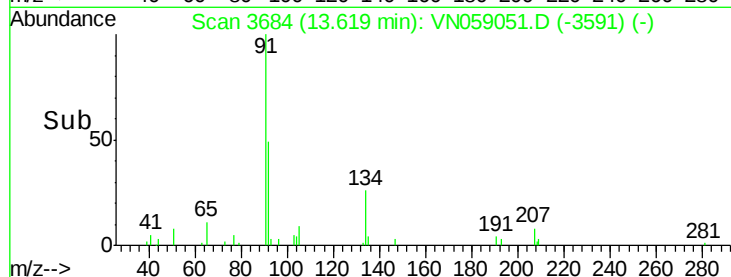
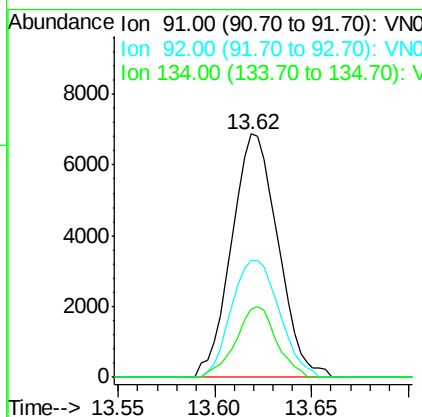
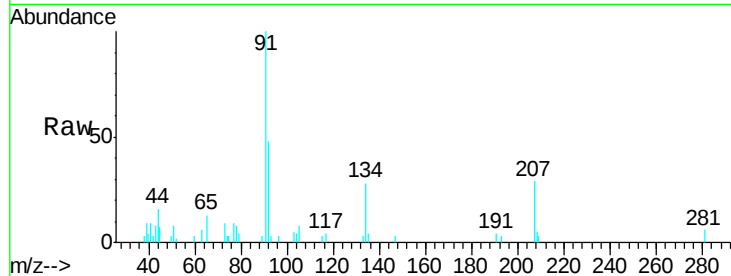
ClientSampleId :

VSTDIC001

Tgt Ion:	91	Resp:	11463
Ion	Ratio	Lower	Upper
91	100		
92	49.6	26.4	79.0
134	25.4	12.5	37.5

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#90

Hexachloroethane

Concen: 1.027 ug/l

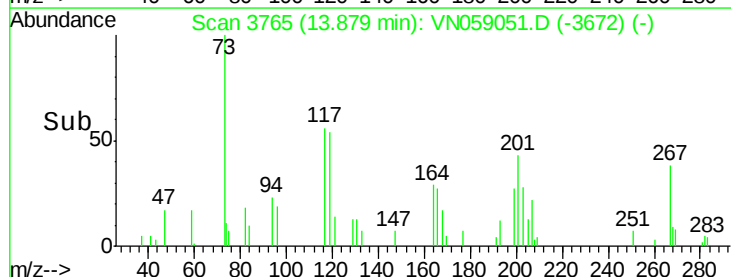
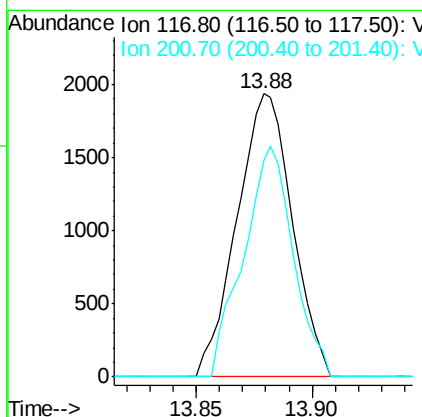
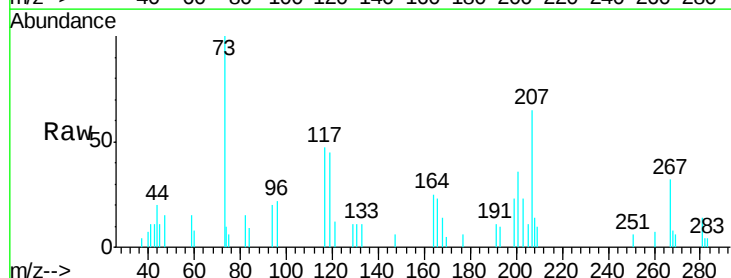
RT: 13.88 min Scan# 3765

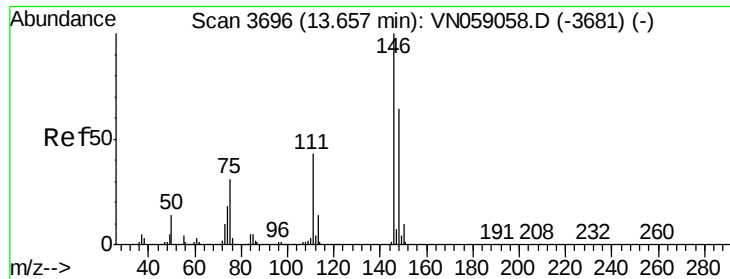
Delta R.T. 0.00 min

Lab File: VN059051.D

Acq: 1 Nov 2019 10:25

Tgt Ion:	117	Resp:	3209
Ion	Ratio	Lower	Upper
117	100		
201	73.3	40.7	122.1





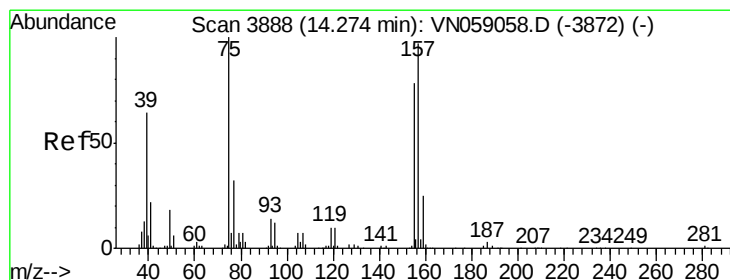
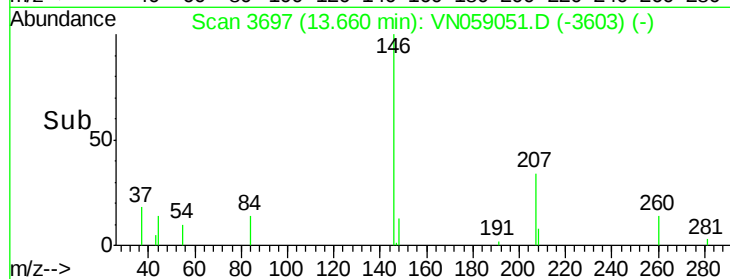
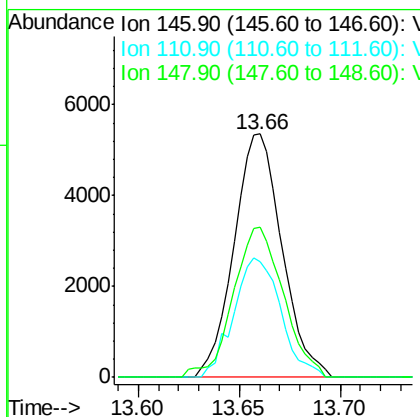
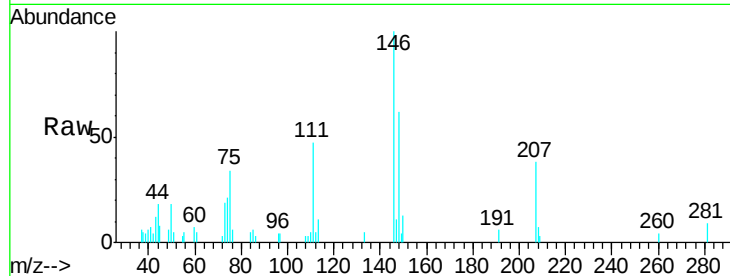
#91
 1,2-Dichlorobenzene
 Concen: 1.131 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	8915		
111	48.1	21.2	63.6	
148	64.3	32.1	96.3	

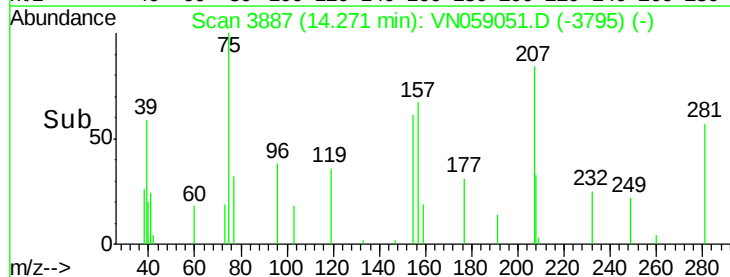
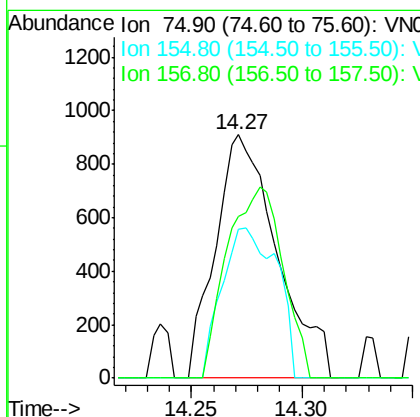
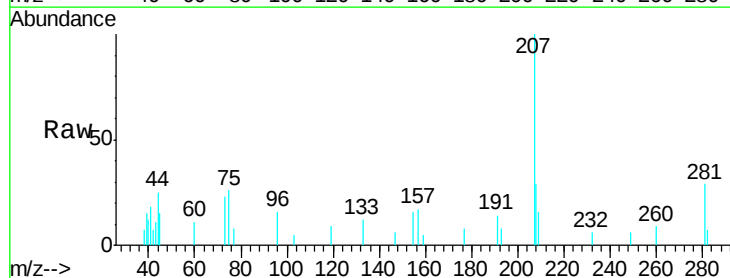
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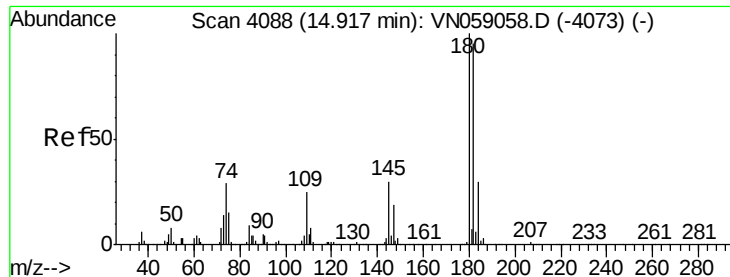
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.234 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1771		
155	54.7	39.7	119.1	
157	70.9	51.0	153.0	





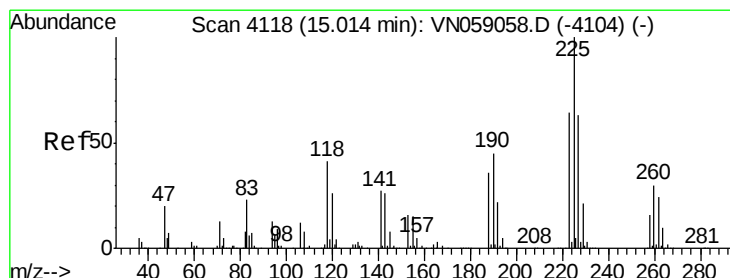
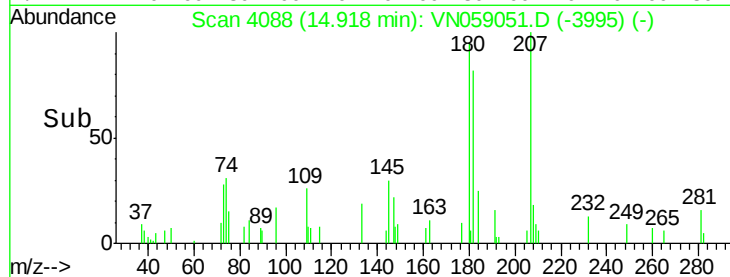
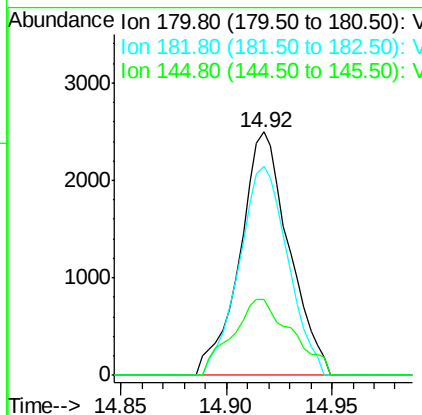
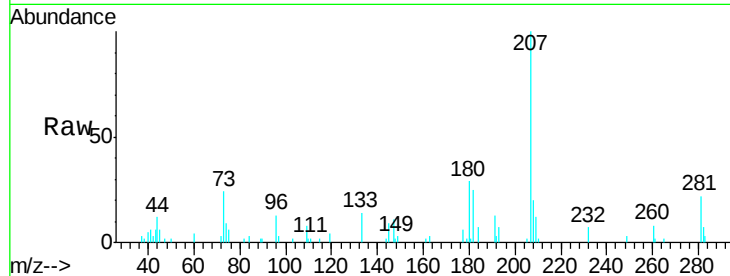
#93
 1,2,4-Trichlorobenzene
 Concen: 0.932 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:	180	Resp:	4033
Ion Ratio	Lower	Upper	
180	100		
182	85.3	47.8	143.4
145	38.1	15.1	45.3

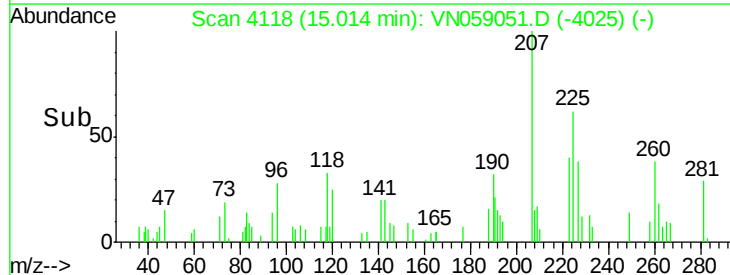
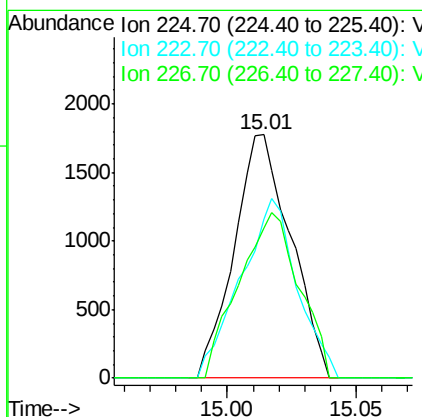
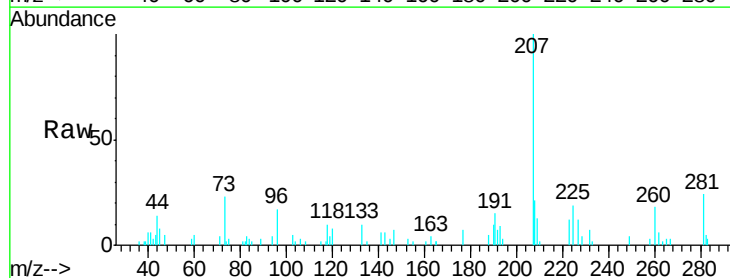
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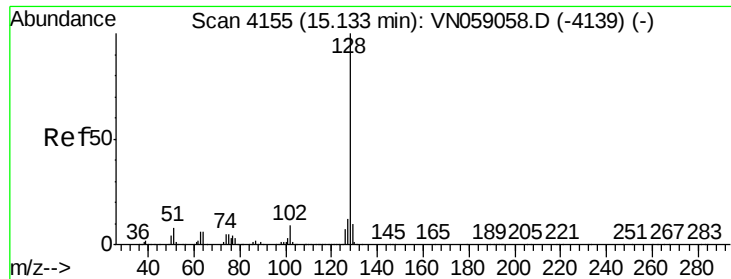
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#94
 Hexachlorobutadiene
 Concen: 1.056 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059051.D
 Acq: 1 Nov 2019 10:25

Tgt Ion:	225	Resp:	2712
Ion Ratio	Lower	Upper	
225	100		
223	73.8	31.6	95.0
227	72.3	31.9	95.7





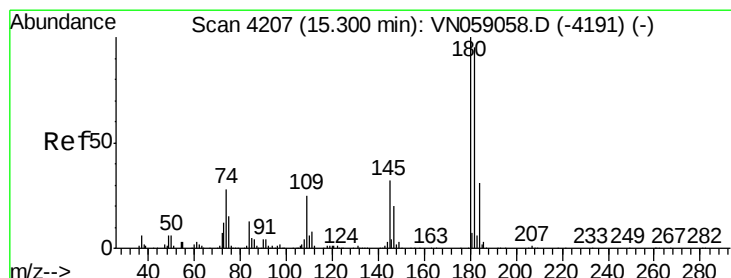
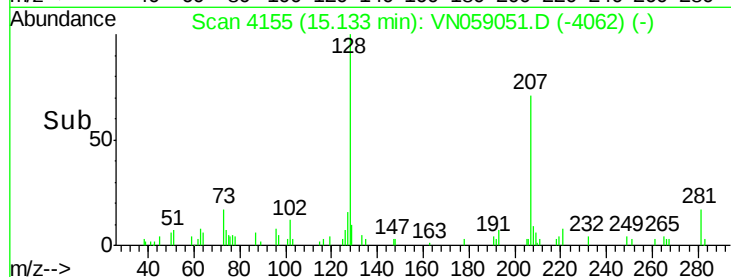
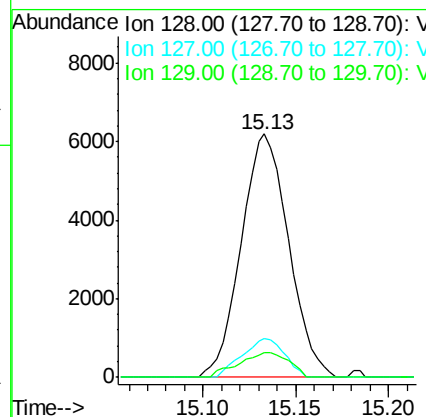
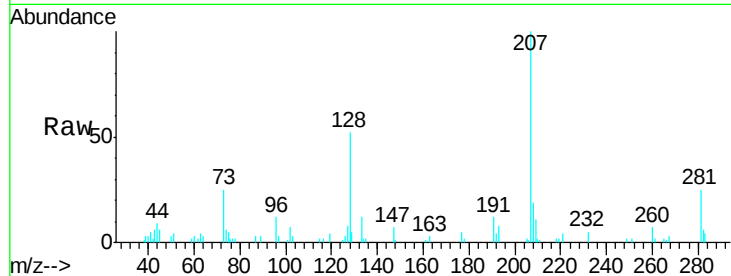
#95
Naphthalene
Concen: 0.920 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	11026		
127	14.2	9.9	14.9	
129	10.7	8.4	12.6	

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#96
1,2,3-Trichlorobenzene
Concen: 1.070 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. 0.00 min
Lab File: VN059051.D
Acq: 1 Nov 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	4556		
182	91.1	47.7	143.1	
145	17.0	16.0	48.0	

