

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120619\
 Data File : VN059523.D
 Acq On : 6 Dec 2019 18:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/9/2019 8:47:50 AM

Quant Time: Dec 06 23:42:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	238935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	385591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	362145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	173025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	169452	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	
35) Dibromofluoromethane	7.57	113	120451	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
50) Toluene-d8	10.08	98	480509	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.40	95	174494	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	131572	49.484	ug/l	99
3) Chloromethane	2.04	50	209214	58.708	ug/l	99
4) Vinyl Chloride	2.17	62	202954	94.907	ug/l	97
5) Bromomethane	2.54	94	122077	93.938	ug/l	99
6) Chloroethane	2.68	64	126756	100.400	ug/l	99
7) Trichlorofluoromethane	3.00	101	242084	93.736	ug/l	97
8) Diethyl Ether	3.39	74	77724	46.190	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	121088	47.762	ug/l	97
10) Methyl Iodide	3.93	142	157966	49.208	ug/l	95
11) Tert butyl alcohol	4.74	59	130295	232.951	ug/l	98
12) 1,1-Dichloroethene	3.71	96	116959	47.194	ug/l	95
13) Acrolein	3.58	56	174384	359.242	ug/l	97
14) Allyl chloride	4.29	41	231646	47.457	ug/l	90
15) Acrylonitrile	4.95	53	376283	248.670	ug/l	98
16) Acetone	3.79	43	349971	210.310	ug/l	95
17) Carbon Disulfide	4.03	76	369002	43.638	ug/l	100
18) Methyl Acetate	4.29	43	205735	51.489	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	427180	50.575	ug/l	99
20) Methylene Chloride	4.52	84	140753	50.353	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	131290	47.347	ug/l	97
22) Diisopropyl ether	5.92	45	474754	52.256	ug/l	96
23) Vinyl Acetate	5.86	43	2042483	280.171	ug/l	98
24) 1,1-Dichloroethane	5.82	63	259955	50.368	ug/l	99
25) 2-Butanone	6.81	43	536242	237.688	ug/l	99
26) 2,2-Dichloropropane	6.80	77	221288	49.573	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	151166	49.085	ug/l	97
28) Bromochloromethane	7.17	49	110035	54.706	ug/l	95
29) Tetrahydrofuran	7.18	42	360342	254.012	ug/l	98
30) Chloroform	7.35	83	258707	51.916	ug/l	98
31) Cyclohexane	7.63	56	235397	47.073	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	227714	52.576	ug/l	97
36) 1,1-Dichloropropene	7.77	75	195193	48.646	ug/l	99
37) Ethyl Acetate	6.90	43	226567	50.550	ug/l	98
38) Carbon Tetrachloride	7.75	117	200620	51.984	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	227811	47.178	ug/l	97
40) Benzene	8.02	78	575922	49.014	ug/l	98
41) Methacrylonitrile	7.15	41	95320m	52.474	ug/l	
42) 1,2-Dichloroethane	8.10	62	222988	55.867	ug/l	97
43) Isopropyl Acetate	8.14	43	361253	54.191	ug/l	97
44) Trichloroethene	8.82	130	143384	46.695	ug/l	99
45) 1,2-Dichloropropane	9.10	63	156241	49.770	ug/l	100
46) Dibromomethane	9.19	93	102050	52.214	ug/l	95
47) Bromodichloromethane	9.39	83	209404	53.435	ug/l	99
48) Methyl methacrylate	9.18	41	164171	54.587	ug/l	91
49) 1,4-Dioxane	9.18	88	39754	873.545	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	1129971	285.561	ug/l	95
52) Toluene	10.15	92	355484	50.023	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	236533	51.294	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	249851	51.118	ug/l #	90
55) 1,1,2-Trichloroethane	10.55	97	140983	50.325	ug/l	99
56) Ethyl methacrylate	10.42	69	217717	48.062	ug/l #	88
57) 1,3-Dichloropropane	10.70	76	247890	51.169	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	347885	226.494	ug/l	100
59) 2-Hexanone	10.74	43	842331	282.857	ug/l	94
60) Dibromochloromethane	10.90	129	156790	52.417	ug/l	99
61) 1,2-Dibromoethane	11.00	107	149024	51.482	ug/l	99
64) Tetrachloroethene	10.63	164	134544	43.676	ug/l	96
65) Chlorobenzene	11.43	112	375997	47.493	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	140389	49.351	ug/l	99
67) Ethyl Benzene	11.51	91	687103	49.536	ug/l	100
68) m/p-Xylenes	11.62	106	513075	99.340	ug/l	96
69) o-Xylene	11.95	106	244289	49.681	ug/l	98
70) Styrene	11.96	104	398491	50.767	ug/l	98
71) Bromoform	12.12	173	111614	50.336	ug/l #	100
73) Isopropylbenzene	12.25	105	663629	47.825	ug/l	99
74) N-amyl acetate	12.07	43	304606	54.499	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	220275	49.489	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	209762m	48.758	ug/l	
77) Bromobenzene	12.53	156	154331	44.507	ug/l	93
78) n-propylbenzene	12.59	91	794032	49.172	ug/l	99
79) 2-Chlorotoluene	12.67	91	462105	47.472	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	573702	49.474	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	80009	48.807	ug/l	92
82) 4-Chlorotoluene	12.77	91	481262	47.919	ug/l	99
83) tert-Butylbenzene	12.99	119	480360	47.714	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	570183	50.313	ug/l	99
85) sec-Butylbenzene	13.17	105	656916	49.233	ug/l	99
86) p-Isopropyltoluene	13.29	119	589344	49.289	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	285118	46.636	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	282029	45.741	ug/l	99
89) n-Butylbenzene	13.62	91	523901	48.905	ug/l	98
90) Hexachloroethane	13.88	117	113471	49.204	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	277690	47.380	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48458	52.799	ug/l	90

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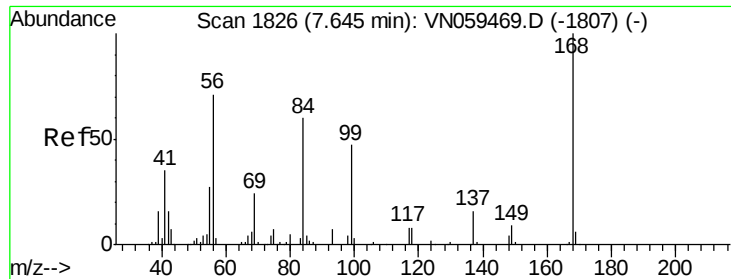
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	152119	42.516	ug/l	98
94) Hexachlorobutadiene	15.01	225	94482	46.589	ug/l	100
95) Naphthalene	15.13	128	396842	40.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	148636	41.693	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 238935

Ion Ratio Lower Upper

168 100

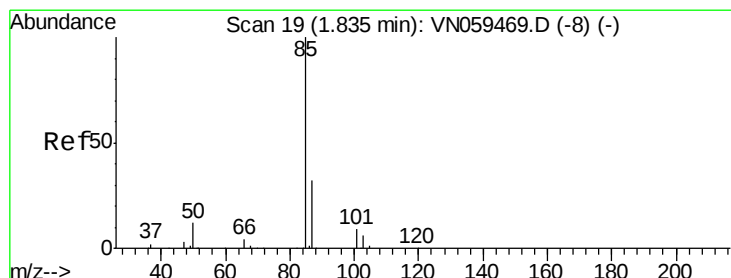
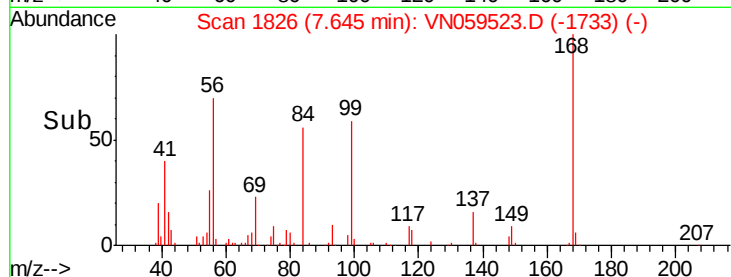
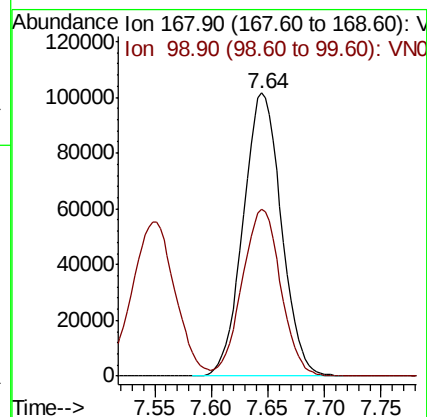
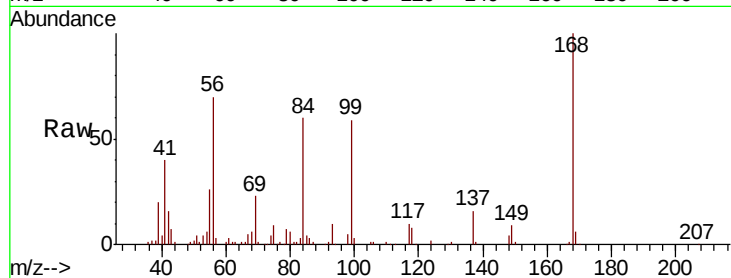
99 58.7 43.4 65.2

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#2

Dichlorodifluoromethane

Concen: 49.484 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059523.D

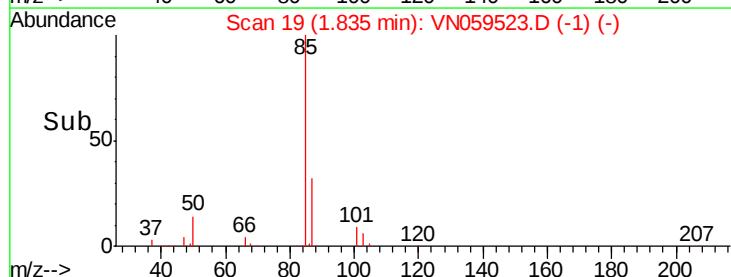
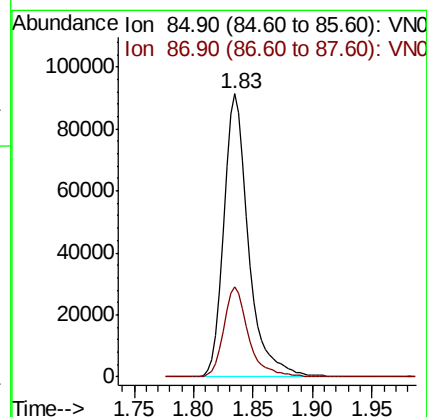
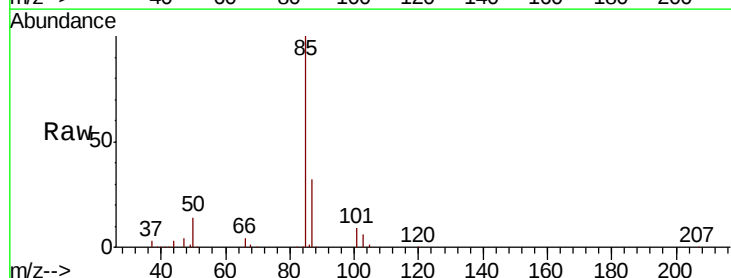
Acq: 6 Dec 2019 18:11

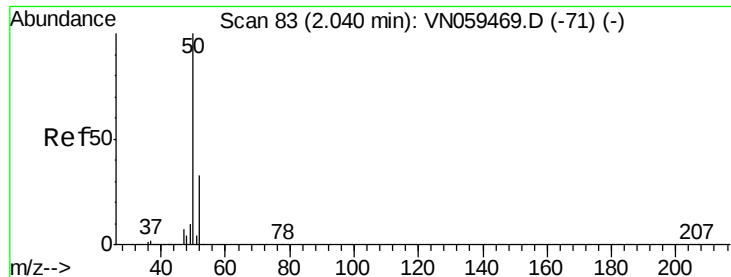
Tgt Ion: 85 Resp: 131572

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.3





#3

Chloromethane

Concen: 58.708 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 209214

Ion Ratio Lower Upper

50 100

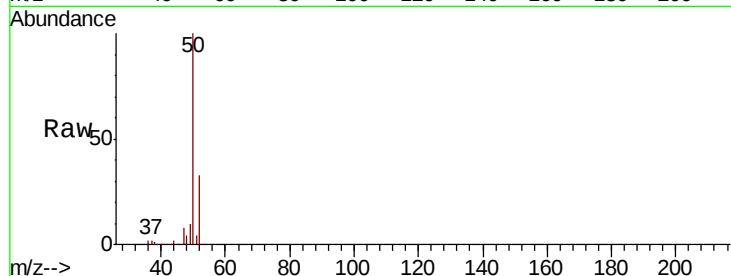
52 32.6 26.5 39.7

Manual Integrations

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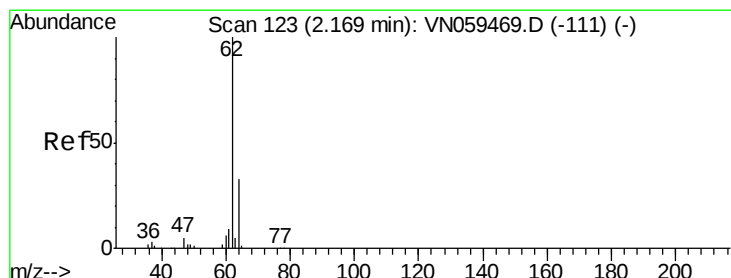
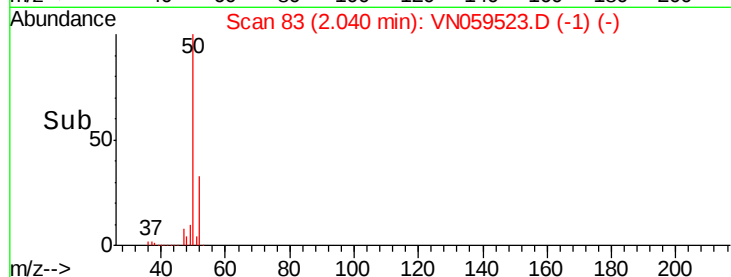
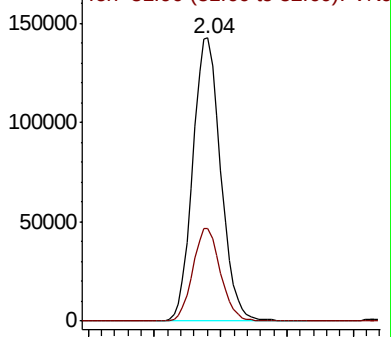
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 94.907 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059523.D

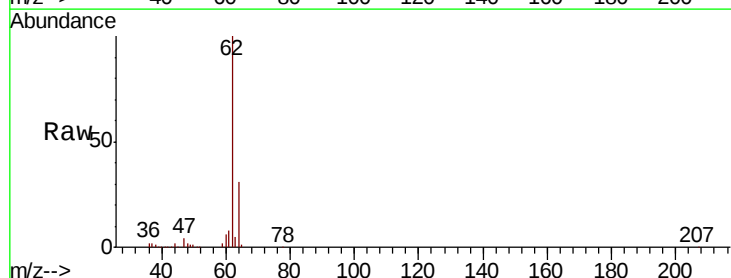
Acq: 6 Dec 2019 18:11

Tgt Ion: 62 Resp: 202954

Ion Ratio Lower Upper

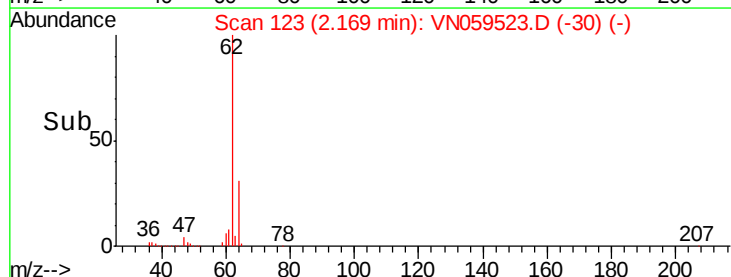
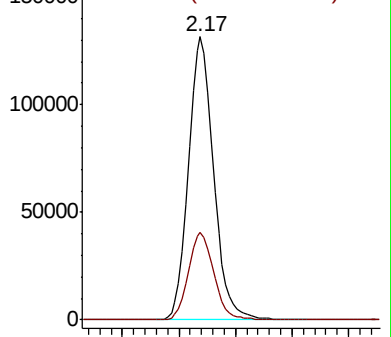
62 100

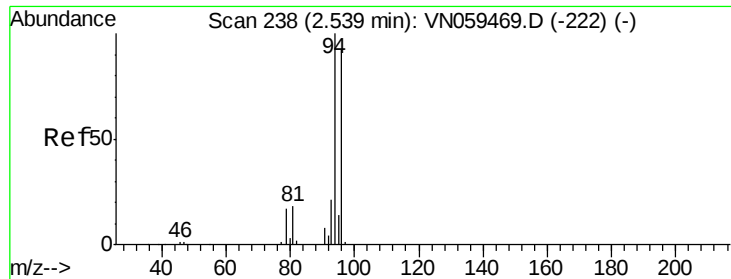
64 30.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 93.938 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 122077

Ion Ratio Lower Upper

94 100

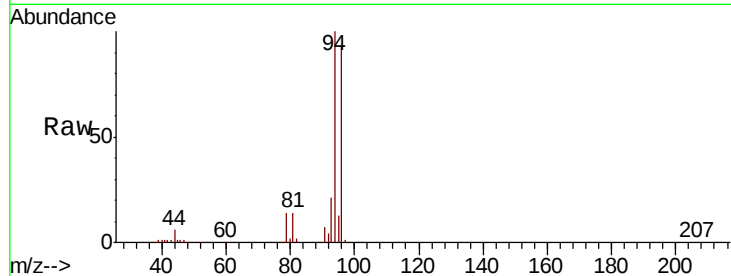
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Manual Integrations

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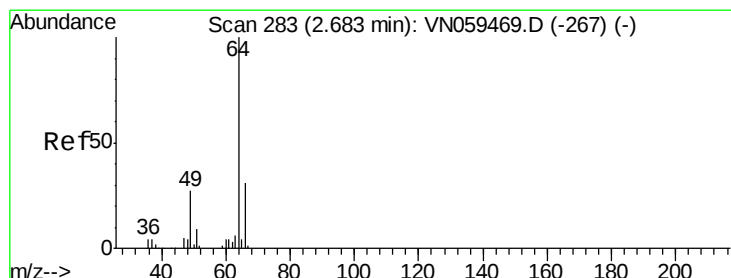
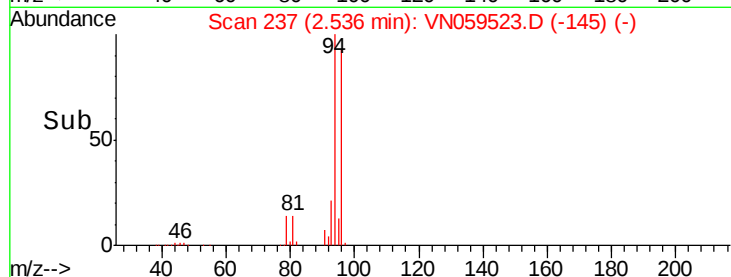
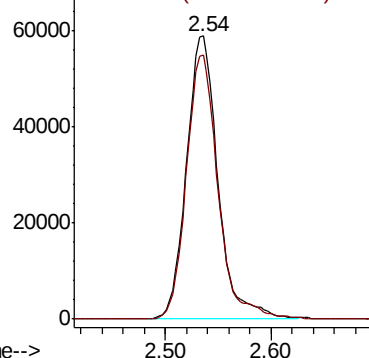
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 100.400 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN059523.D

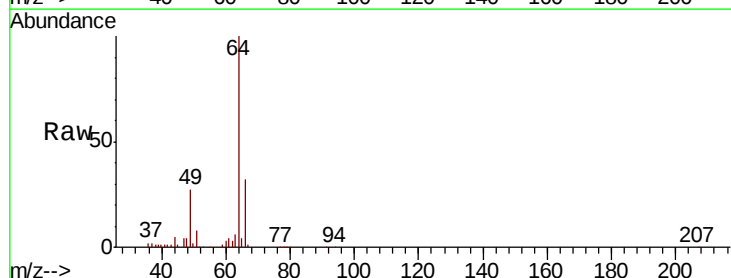
Acq: 6 Dec 2019 18:11

Tgt Ion: 64 Resp: 126756

Ion Ratio Lower Upper

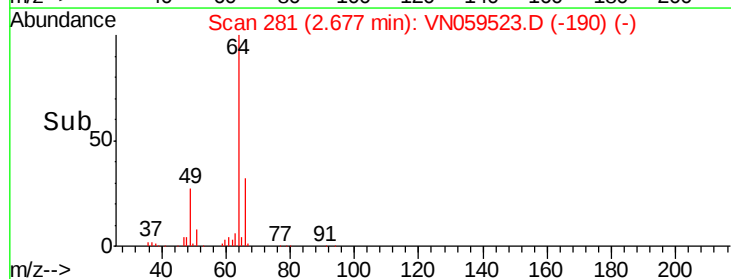
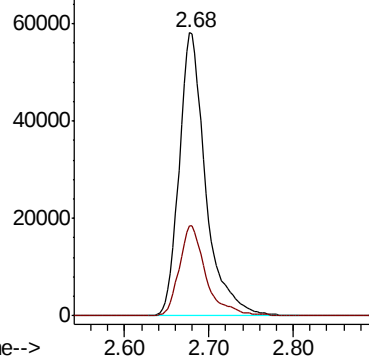
64 100

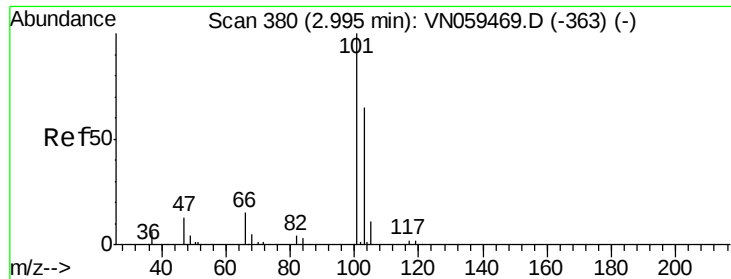
66 31.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

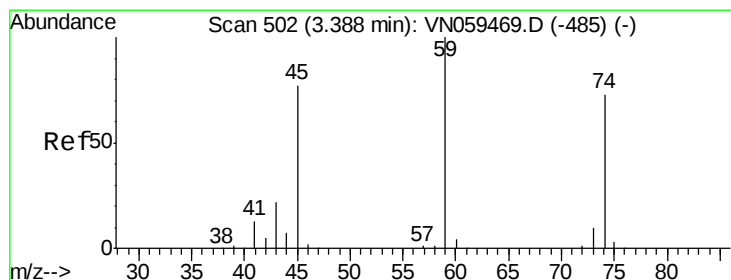
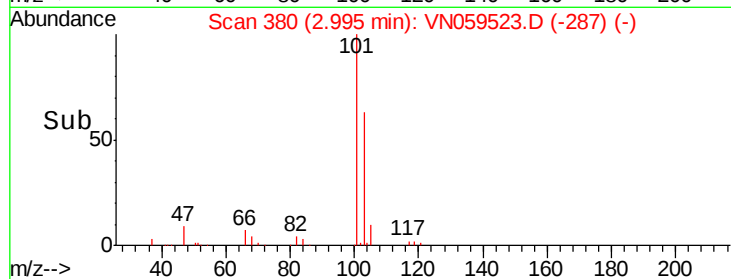
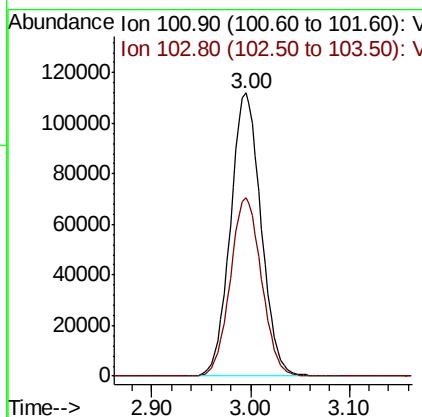
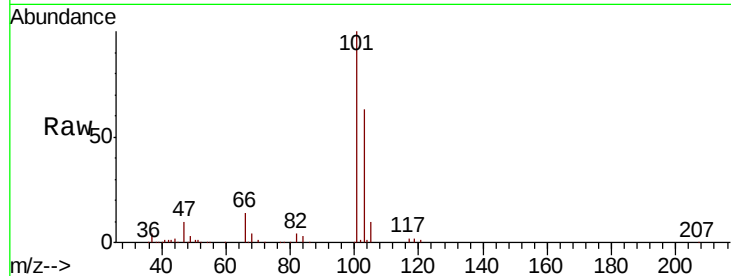
Trichlorofluoromethane
 Concen: 93.736 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.4	78.6

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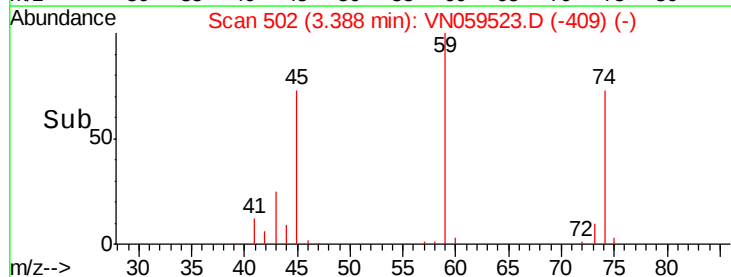
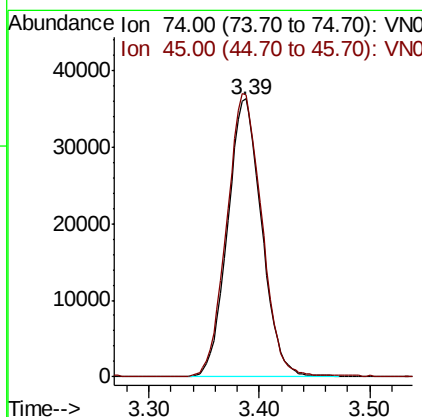
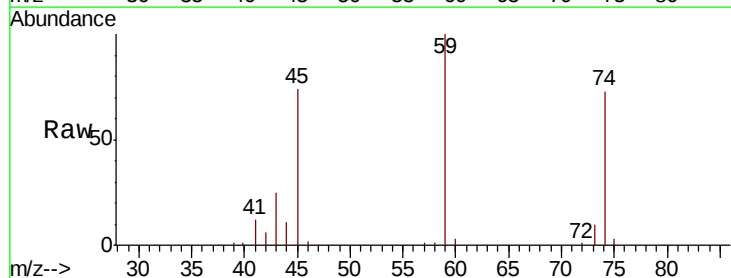
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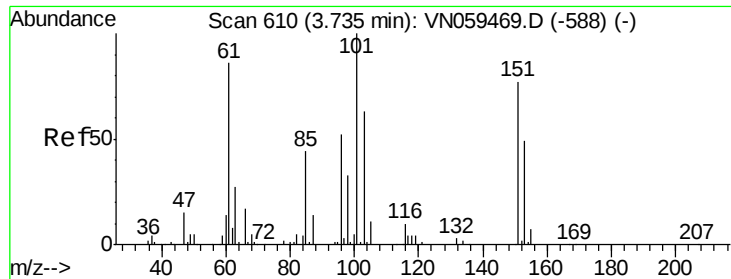


#8

Diethyl Ether
 Concen: 46.190 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.3	157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.762 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

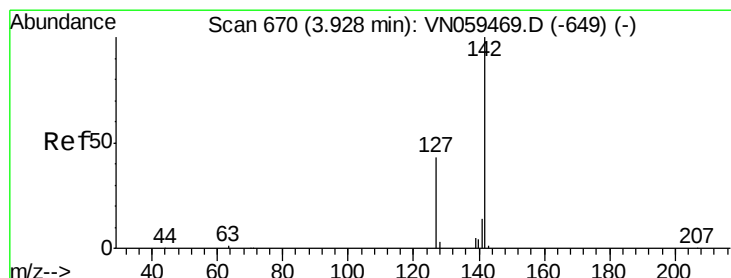
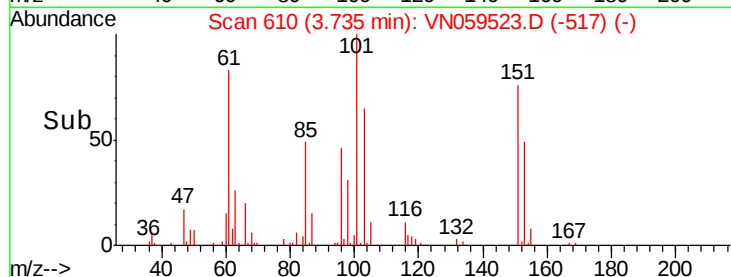
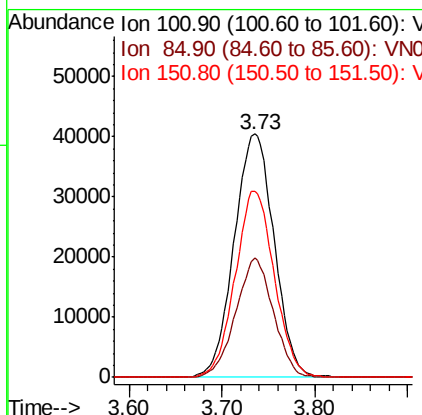
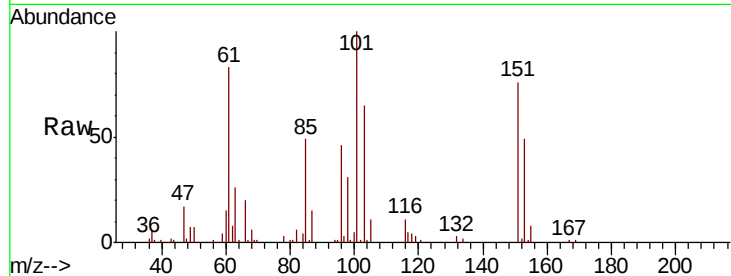
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	121088
Ion Ratio	Lower	Upper	
101	100		
85	45.9	35.2	52.8
151	74.9	62.4	93.6

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#10

Methyl Iodide

Concen: 49.208 ug/l

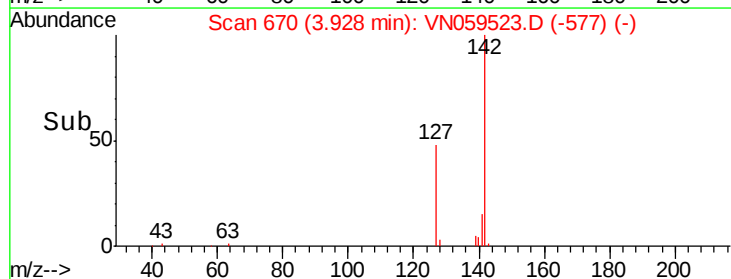
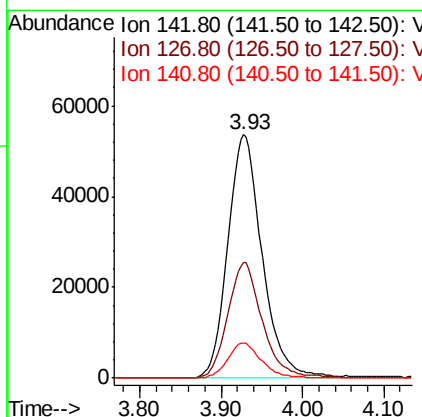
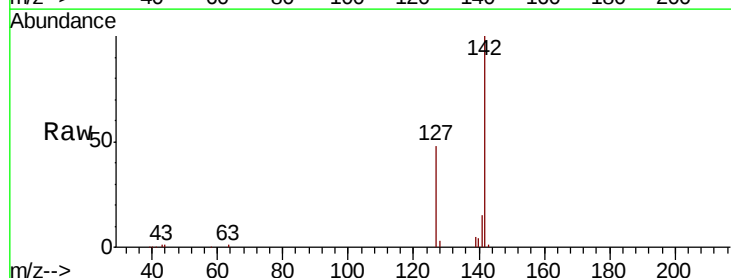
RT: 3.93 min Scan# 670

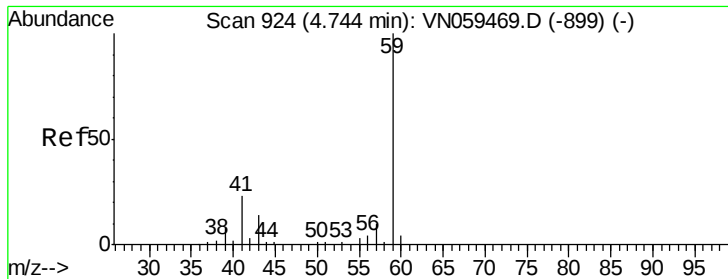
Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Tgt Ion:	142	Resp:	157966
Ion Ratio	Lower	Upper	
142	100		
127	47.8	34.6	52.0
141	14.2	11.4	17.0





#11

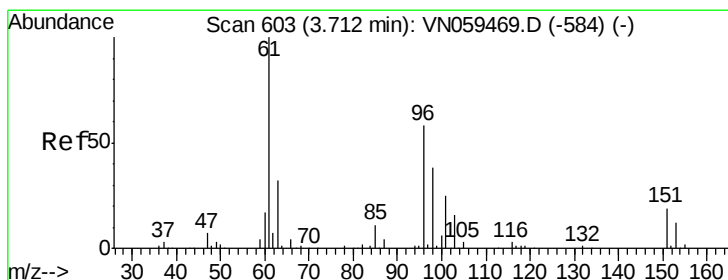
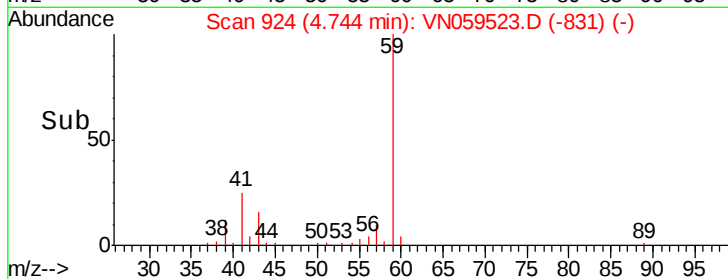
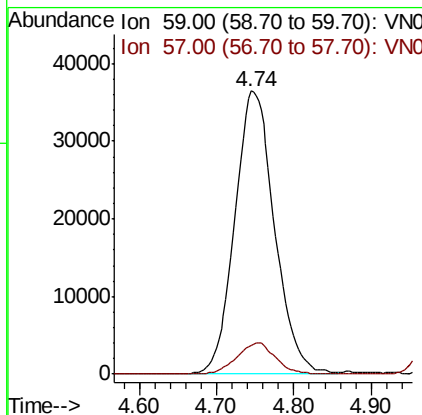
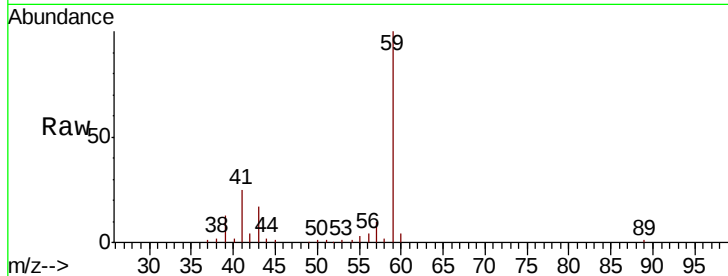
Tert butyl alcohol
 Concen: 232.951 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.1	12.1

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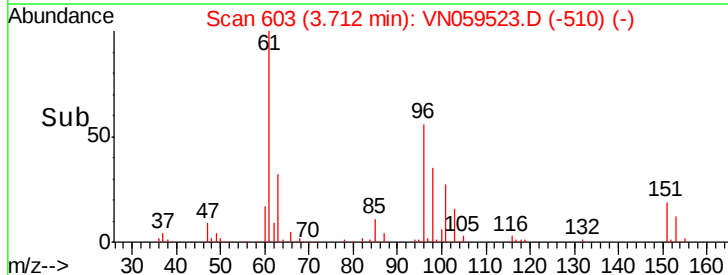
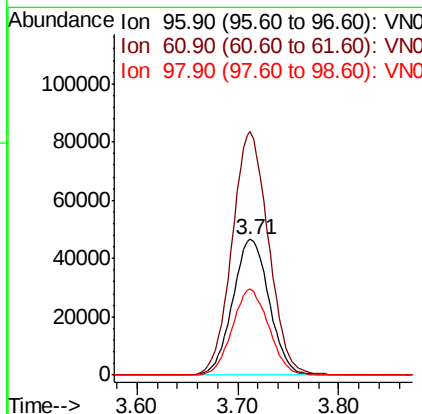
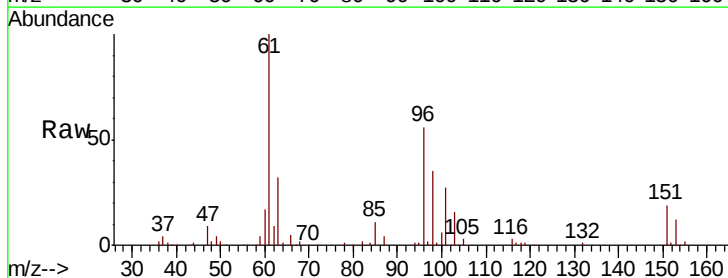
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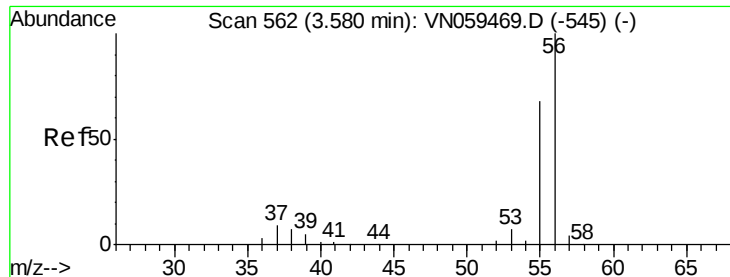


#12

1,1-Dichloroethene
 Concen: 47.194 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.6	137.1	205.7
98	63.6	52.4	78.6





#13

Acrolein

Concen: 359.242 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 174384

Ion Ratio Lower Upper

56 100

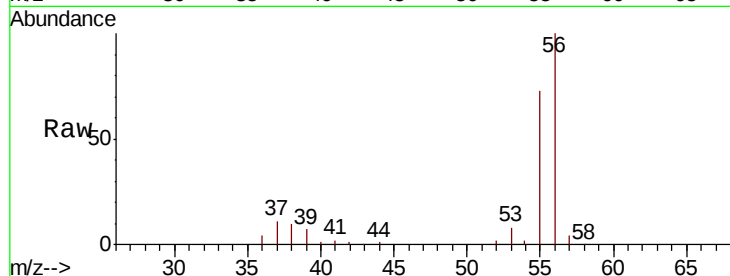
55 72.9 56.5 84.7

Manual Integrations

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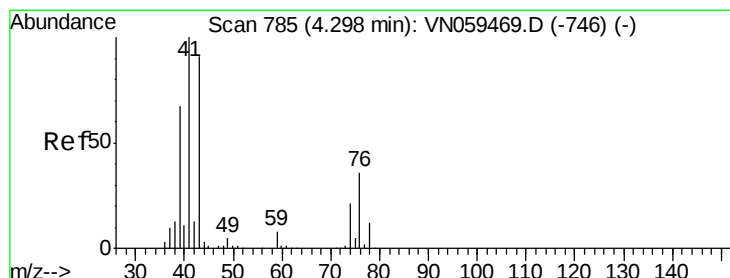
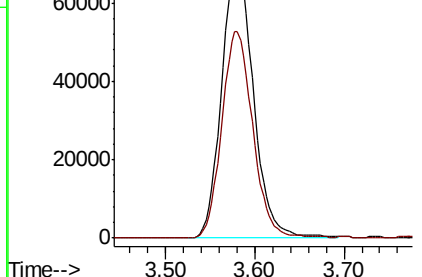
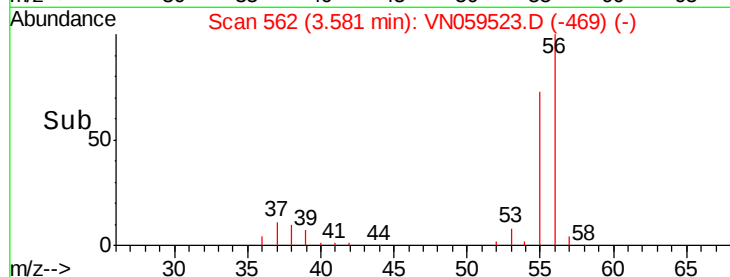


Abundance Ion 56.00 (55.70 to 56.70): VN059469.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN059469.D (-545) (-)

3.58

Time-->



#14

Allyl chloride

Concen: 47.457 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

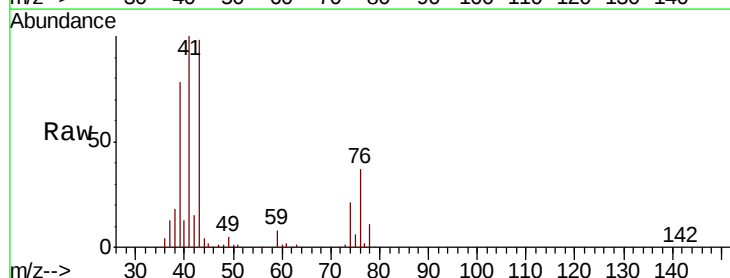
Tgt Ion: 41 Resp: 231646

Ion Ratio Lower Upper

41 100

39 72.8 49.3 73.9

76 31.8 25.6 38.4



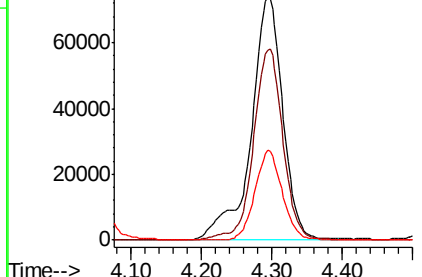
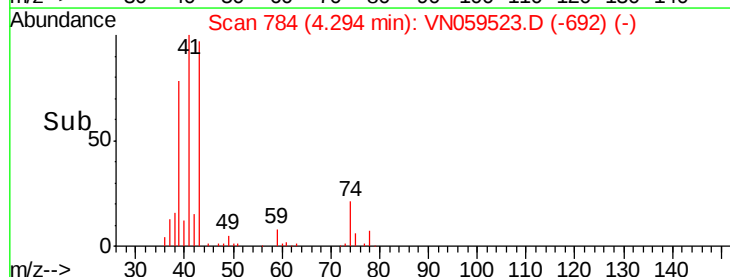
Abundance Ion 41.00 (40.70 to 41.70): VN059469.D (-746) (-)

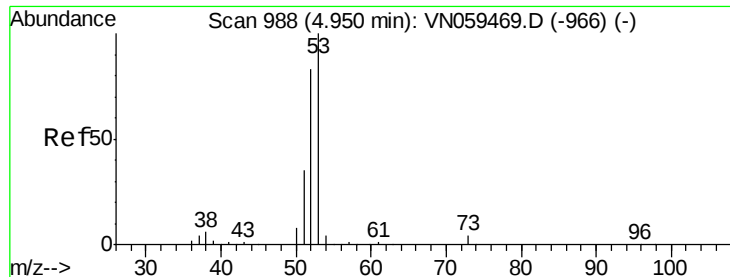
Ion 39.00 (38.70 to 39.70): VN059469.D (-746) (-)

Ion 75.90 (75.60 to 76.60): VN059469.D (-746) (-)

4.29

Time-->





#15

Acrylonitrile

Concen: 248.670 ug/l

RT: 4.95 min Scan# 988

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

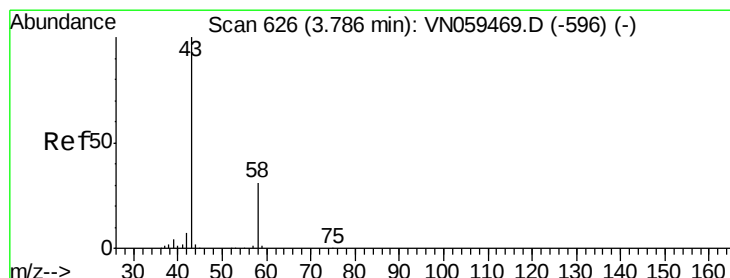
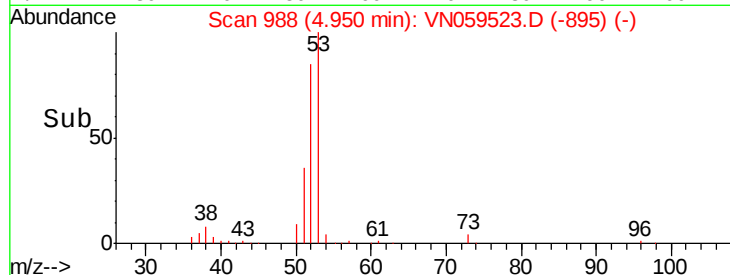
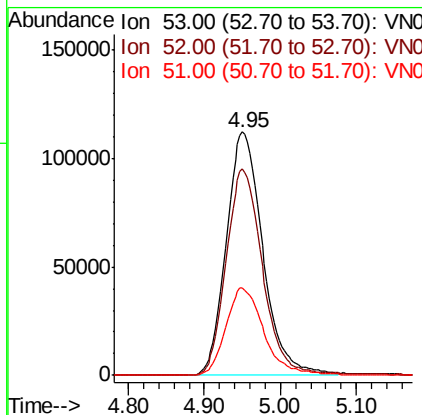
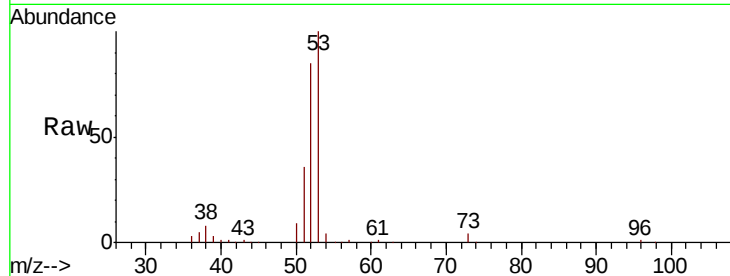
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	376283
Ion Ratio		Lower	Upper
53	100		
52	83.9	65.5	98.3
51	37.4	28.5	42.7

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#16

Acetone

Concen: 210.310 ug/l

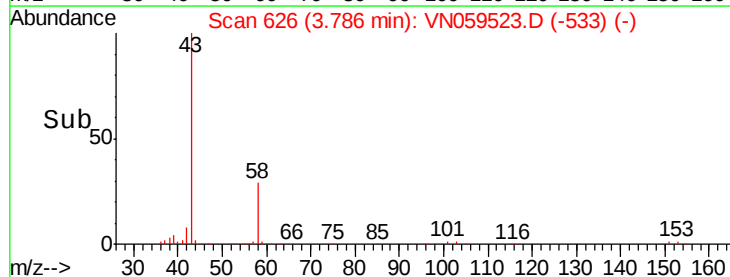
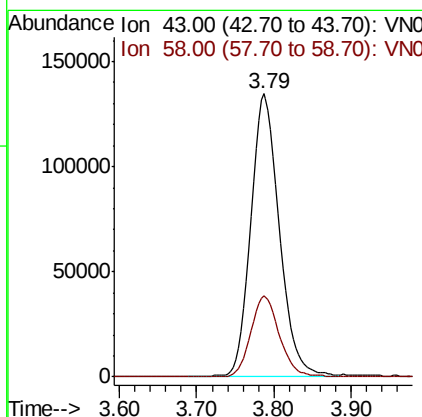
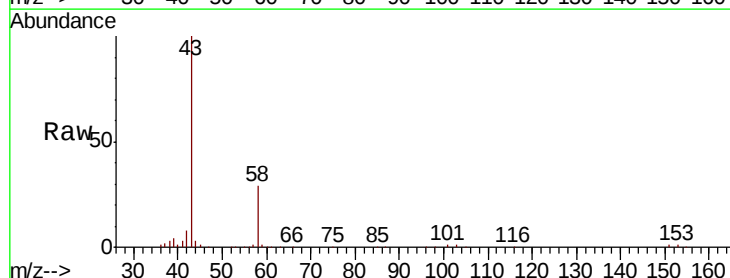
RT: 3.79 min Scan# 626

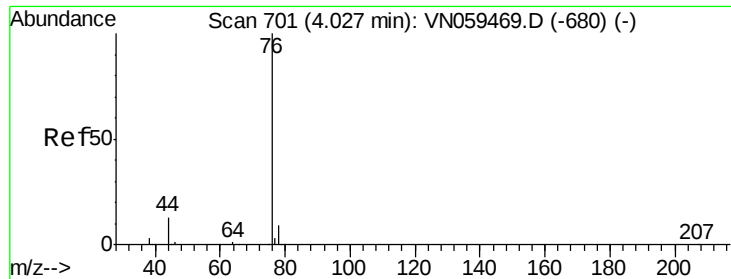
Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Tgt Ion:	43	Resp:	349971
Ion Ratio		Lower	Upper
43	100		
58	28.6	24.9	37.3





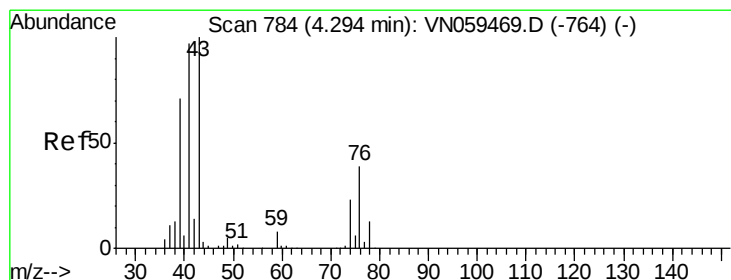
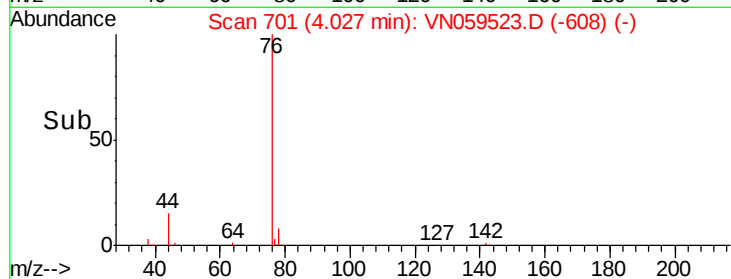
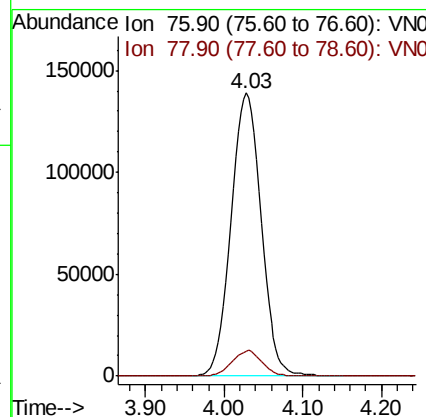
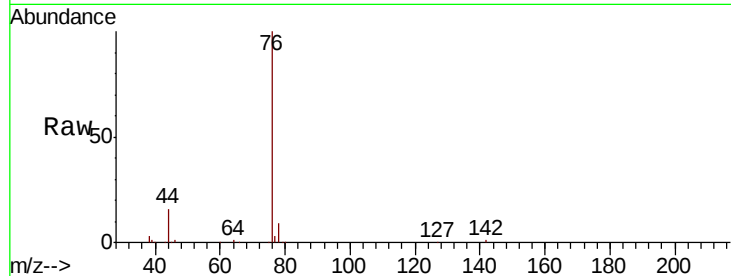
#17
Carbon Disulfide
Concen: 43.638 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

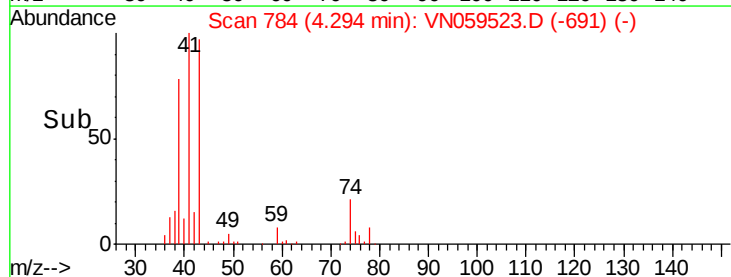
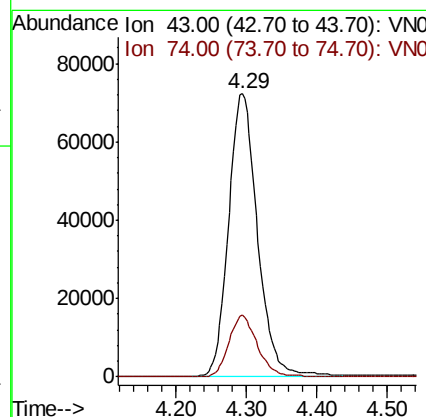
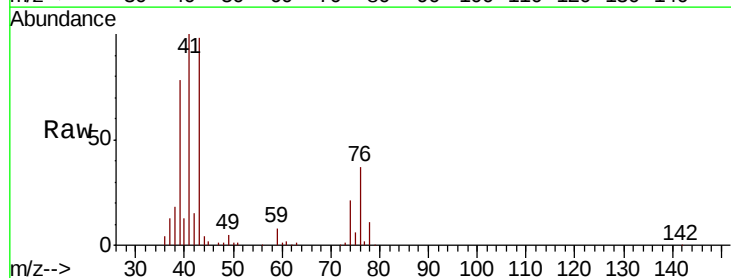
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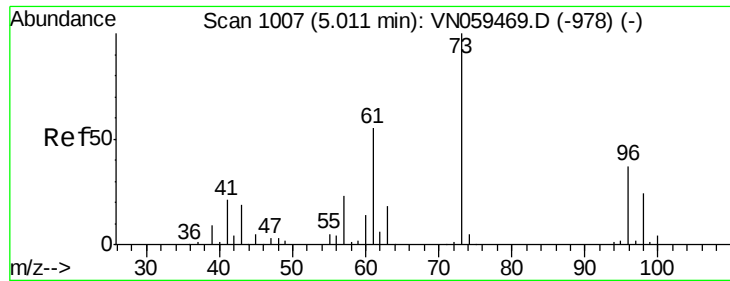
apatel
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#18
Methyl Acetate
Concen: 51.489 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	18.3	27.5





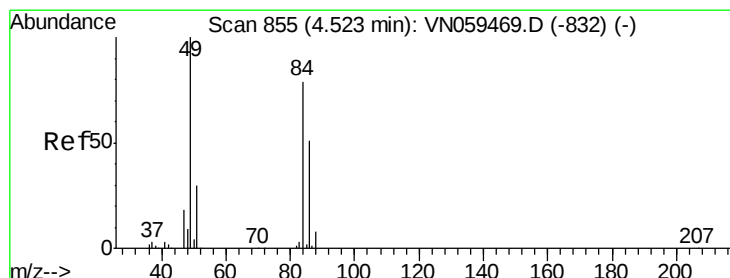
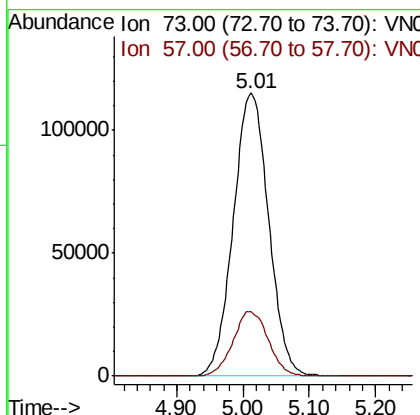
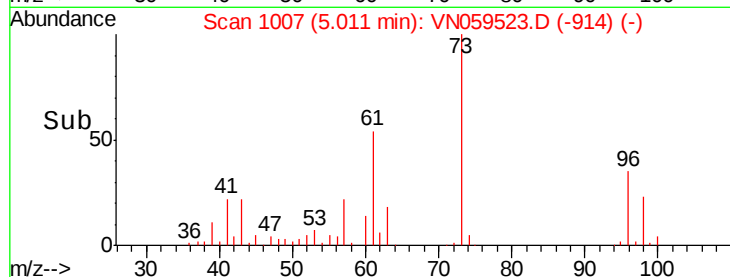
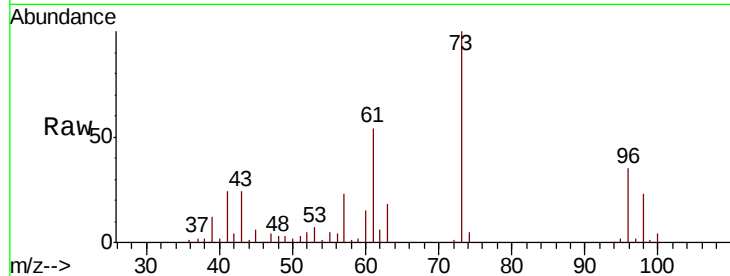
#19
Methvl tert-butvl Ether
Concen: 50.575 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 427180
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0

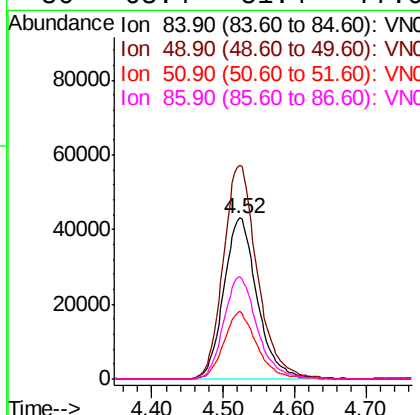
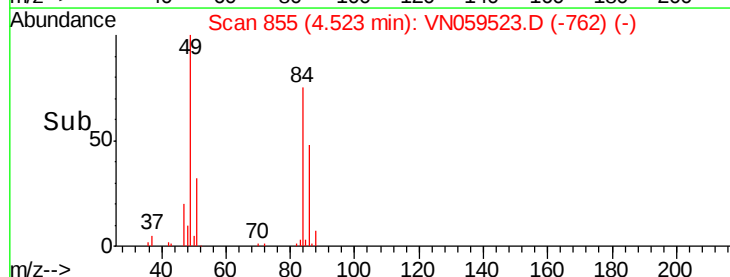
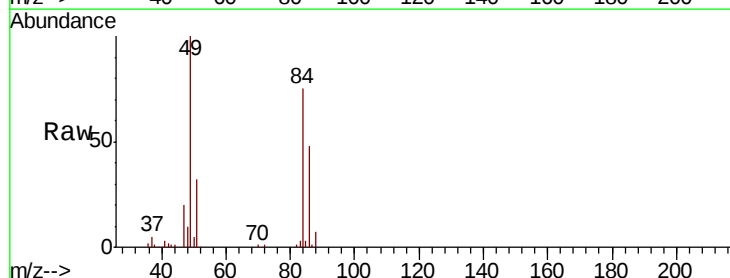
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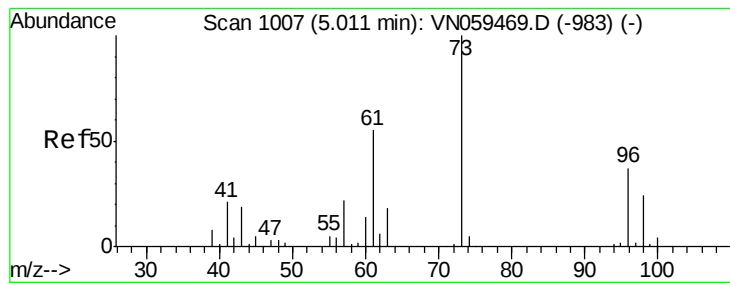
apatel
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#20
Methylene Chloride
Concen: 50.353 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion: 84 Resp: 140753
Ion Ratio Lower Upper
84 100
49 132.9 101.1 151.7
51 41.9 30.7 46.1
86 63.4 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 47.347 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 131290

Ion Ratio Lower Upper

96 100

61 152.9 118.9 178.3

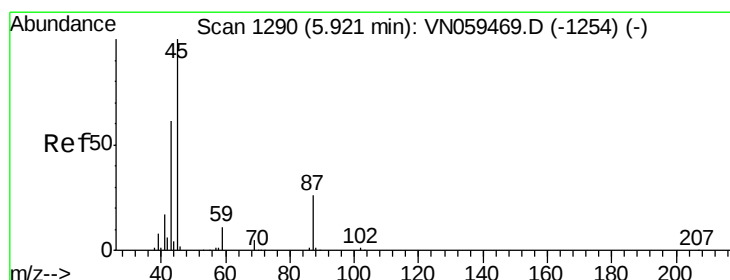
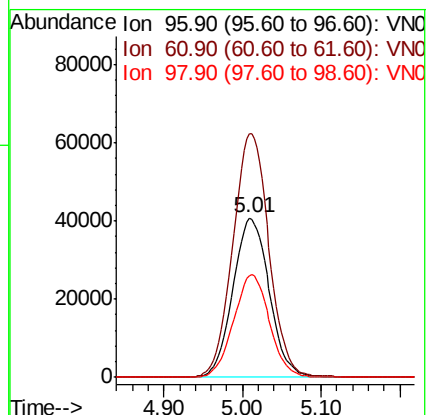
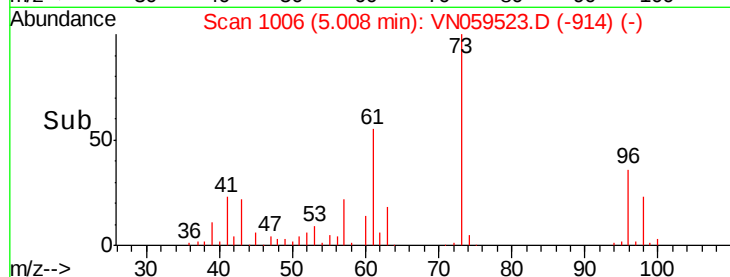
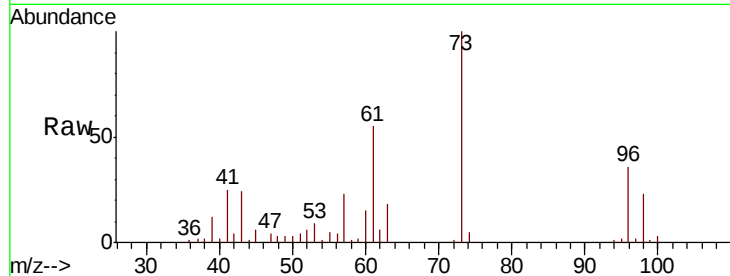
98 64.2 51.6 77.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 52.256 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Tgt Ion: 45 Resp: 474754

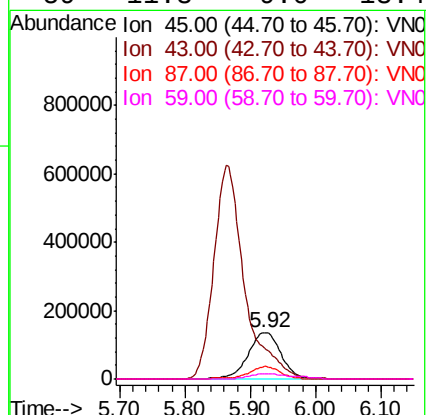
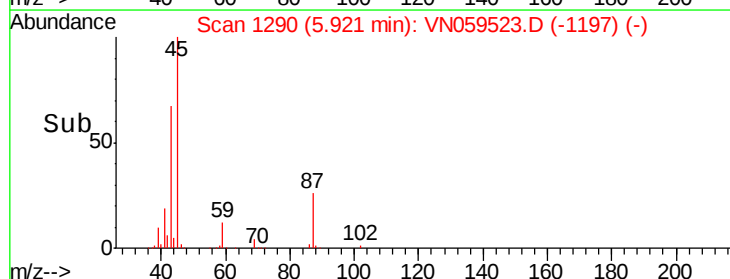
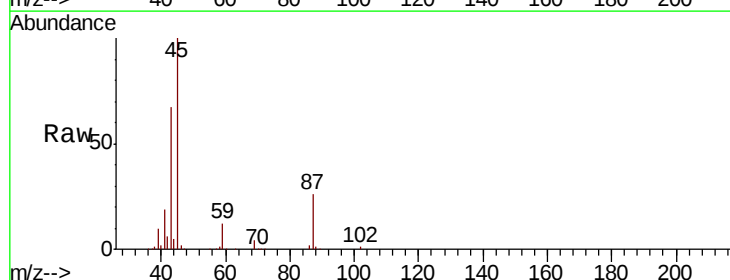
Ion Ratio Lower Upper

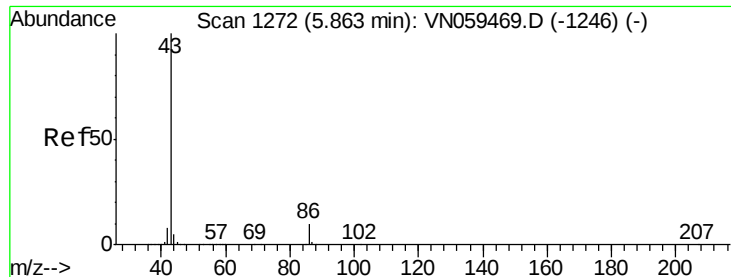
45 100

43 65.9 49.1 73.7

87 26.3 21.6 32.4

59 11.3 9.0 13.4





#23

Vinyl Acetate

Concen: 280.171 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2042483

Ion Ratio Lower Upper

43 100

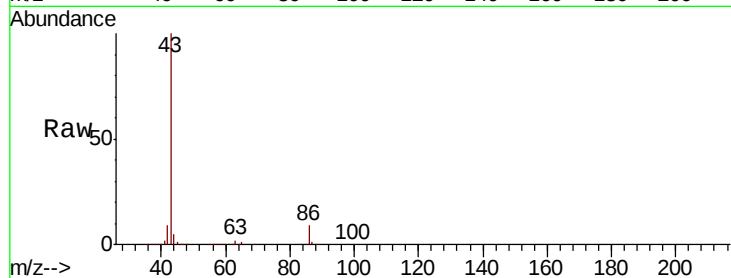
86 9.2 8.0 12.0

Manual Integrations

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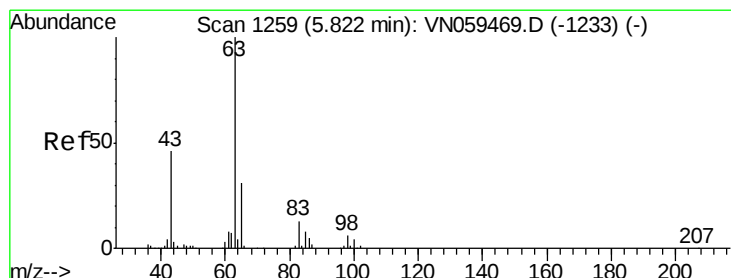
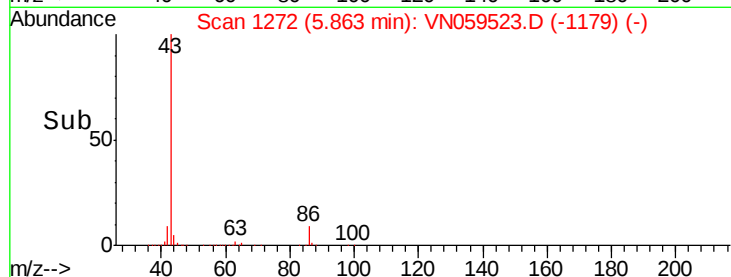
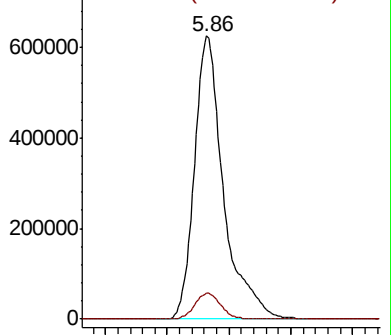
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 86.00 (85.70 to 86.70): VNO



#24

1,1-Dichloroethane

Concen: 50.368 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

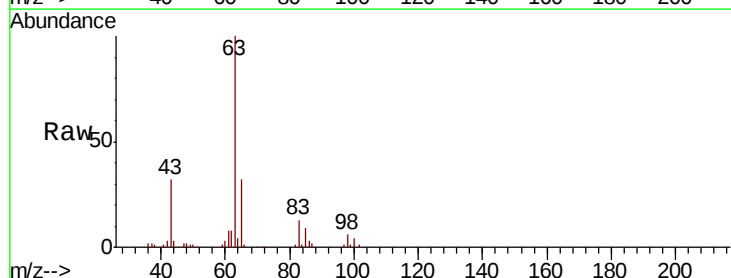
Tgt Ion: 63 Resp: 259955

Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

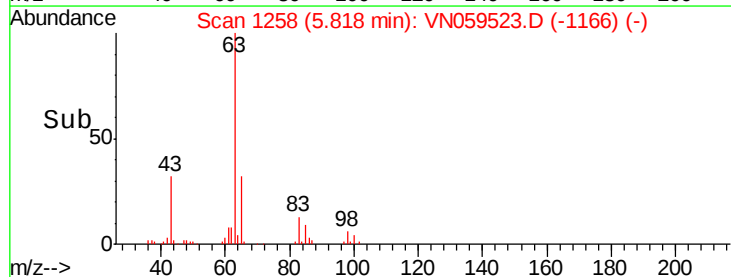
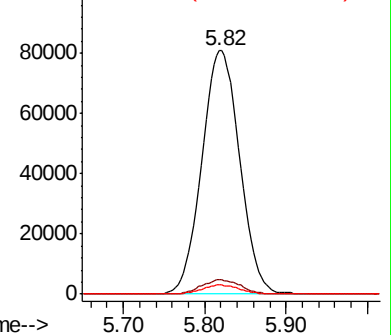
100 3.8 2.0 6.0

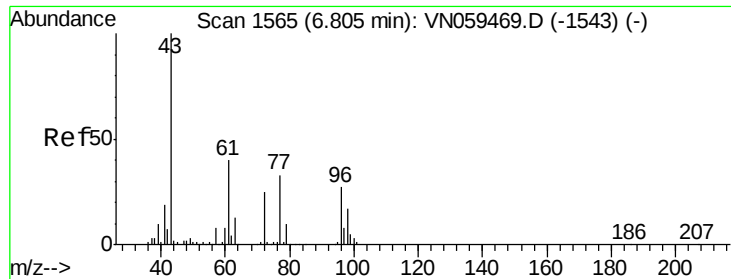


Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

Ion 99.90 (99.60 to 100.60): VNO





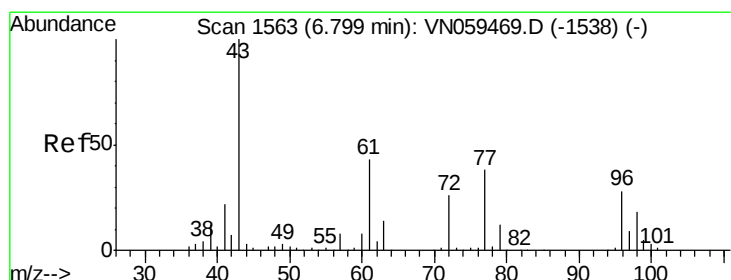
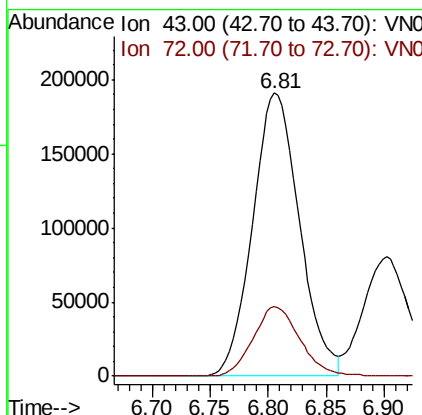
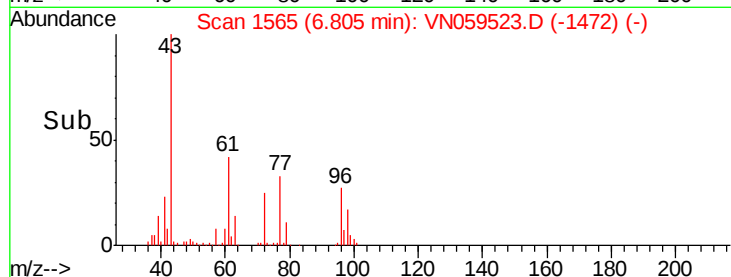
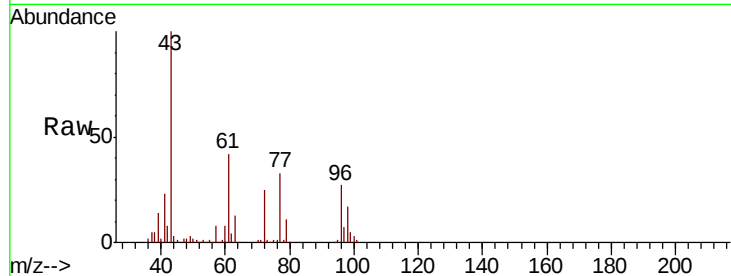
#25
2-Butanone
Concen: 237.688 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 536242
Ion Ratio Lower Upper
43 100
72 24.7 20.2 30.2

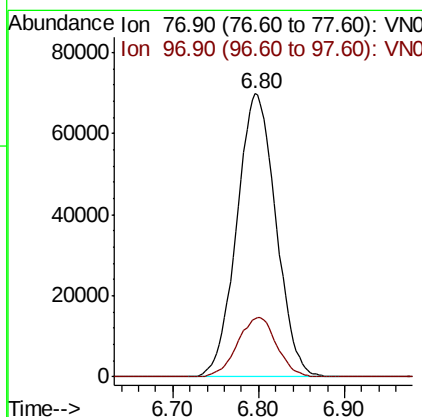
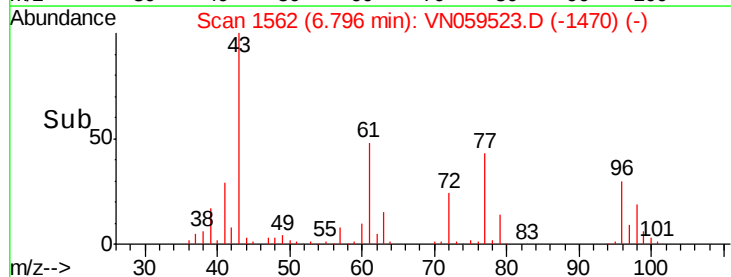
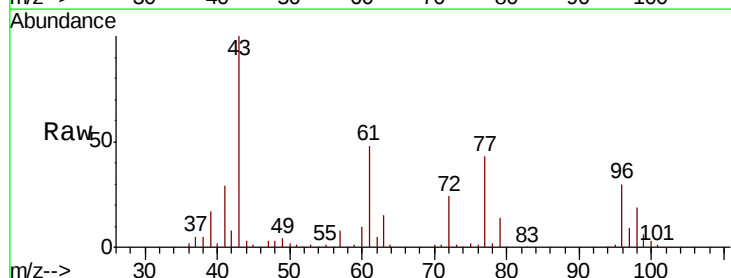
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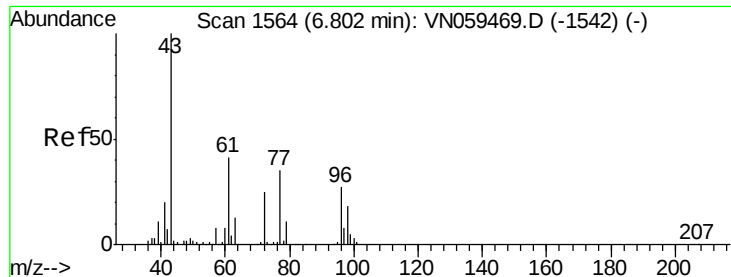
apatel
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#26
2,2-Dichloropropane
Concen: 49.573 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion: 77 Resp: 221288
Ion Ratio Lower Upper
77 100
97 20.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.085 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

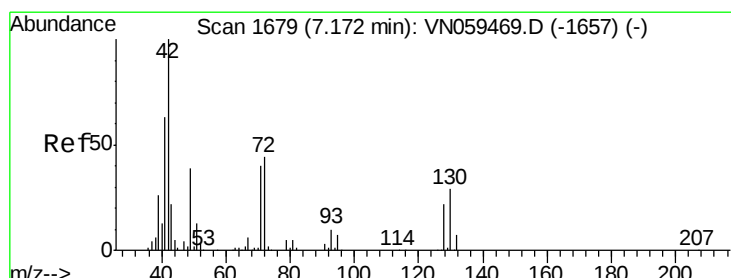
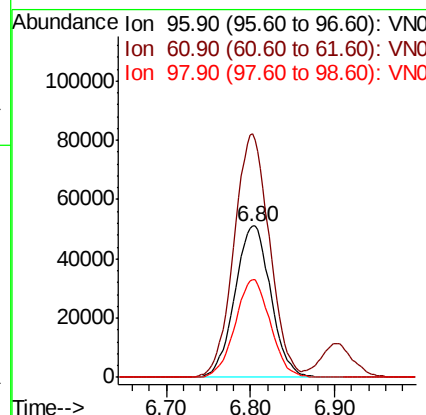
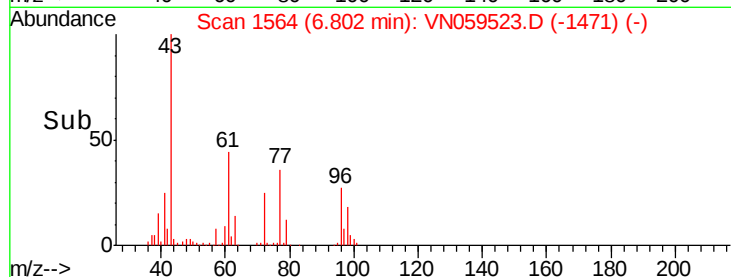
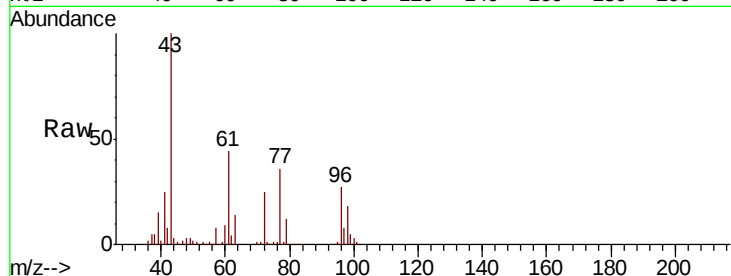
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	151166
Ion	Ratio	Lower	Upper
96	100		
61	159.0	0.0	307.4
98	63.3	0.0	129.2

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#28

Bromochloromethane

Concen: 54.706 ug/l

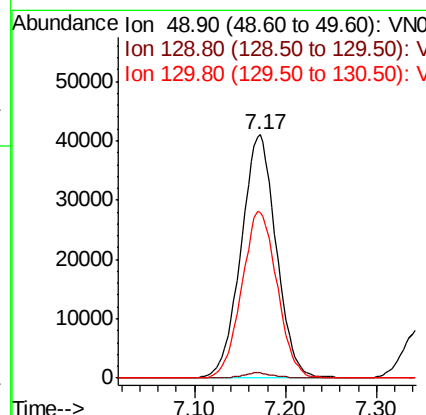
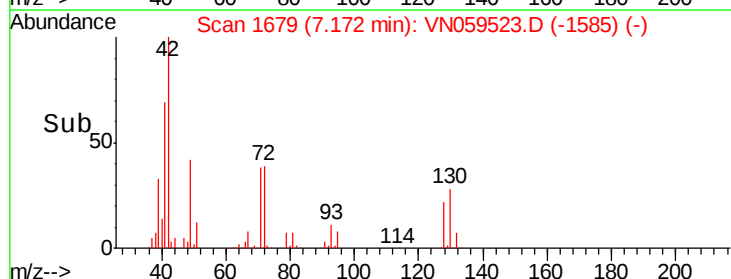
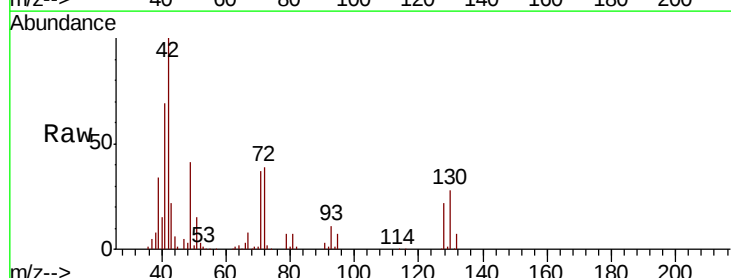
RT: 7.17 min Scan# 1679

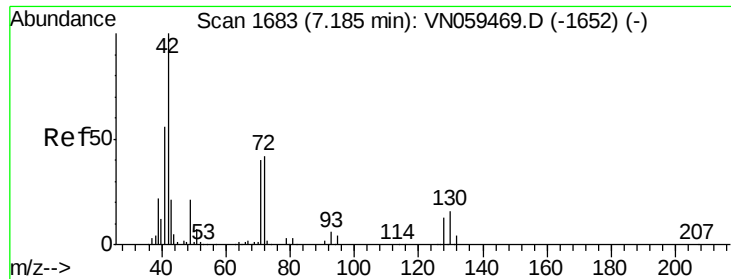
Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Tgt Ion:	49	Resp:	110035
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	68.9	58.4	87.6





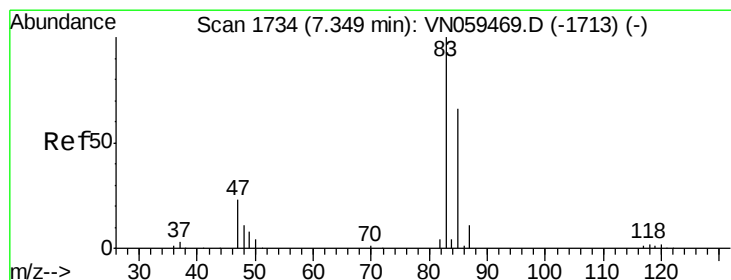
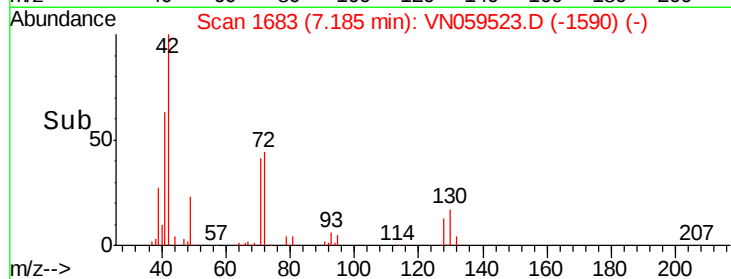
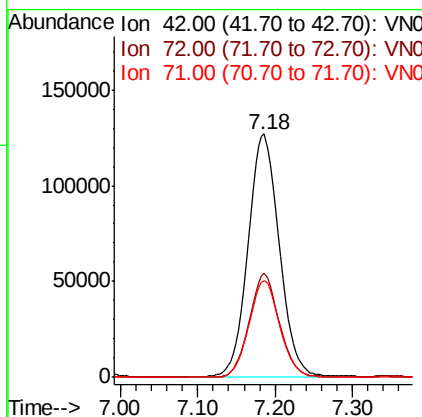
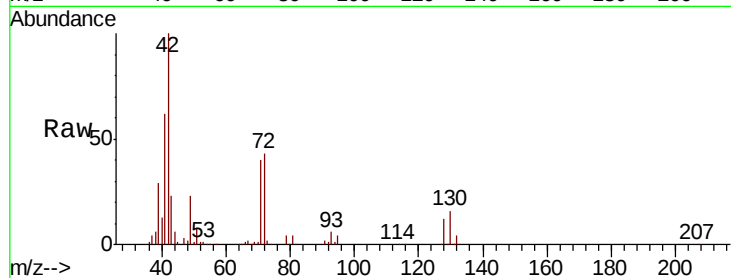
#29
Tetrahydrofuran
Concen: 254.012 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	34.2	51.2
71	38.9	32.0	48.0

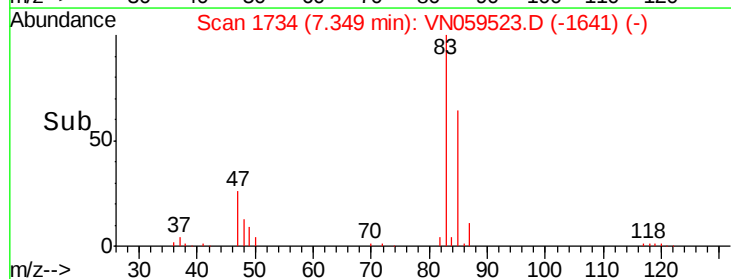
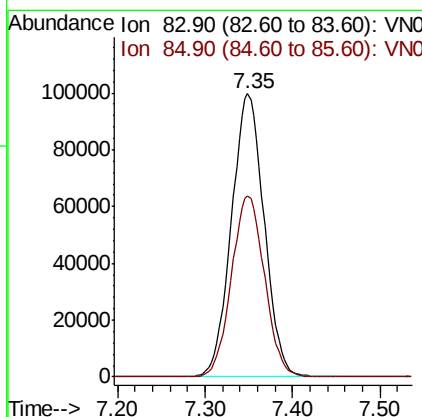
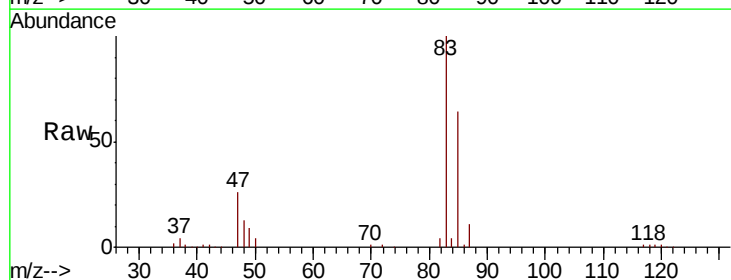
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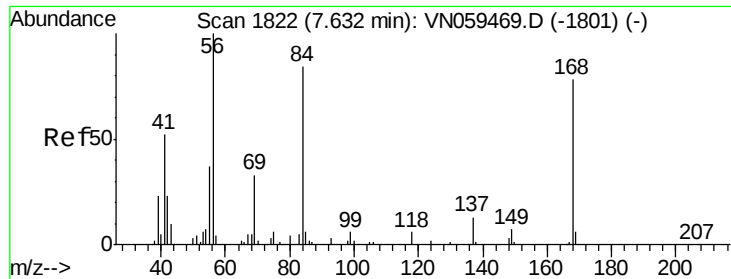
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#30
Chloroform
Concen: 51.916 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.4	78.6





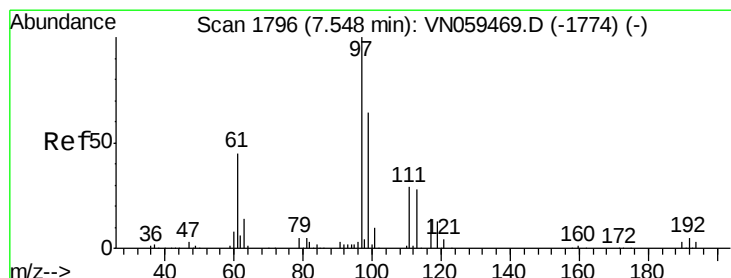
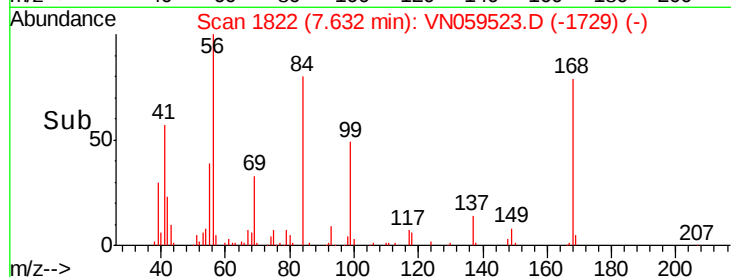
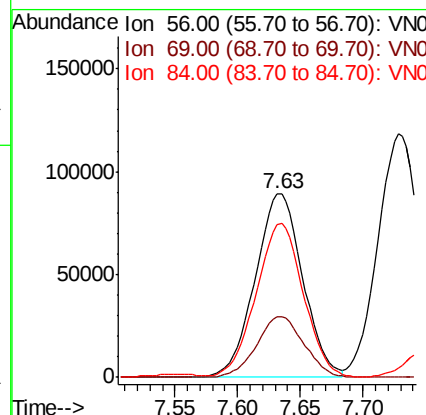
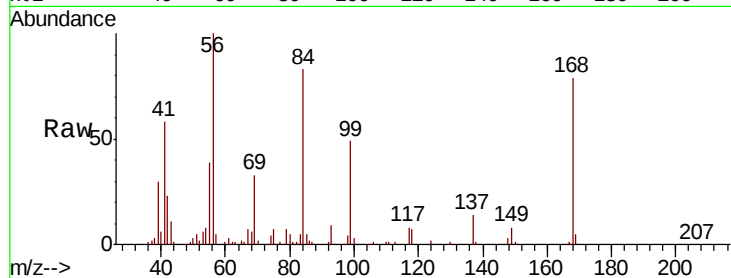
#31
Cyclohexane
Concen: 47.073 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.2	39.4
84	82.1	66.8	100.2

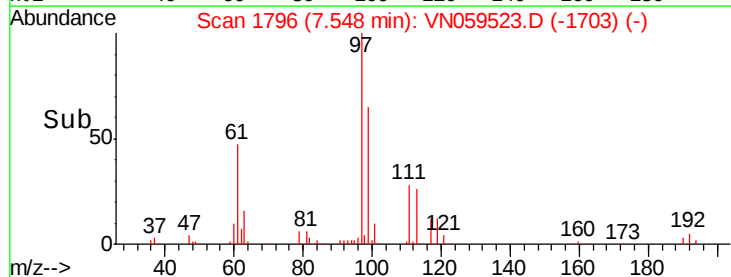
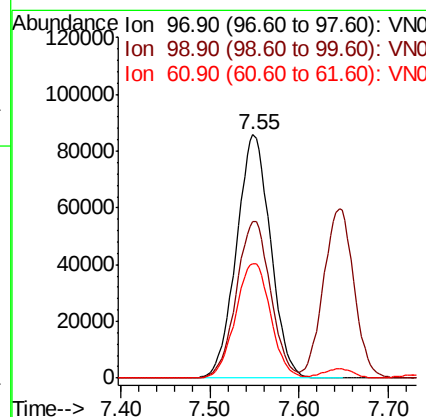
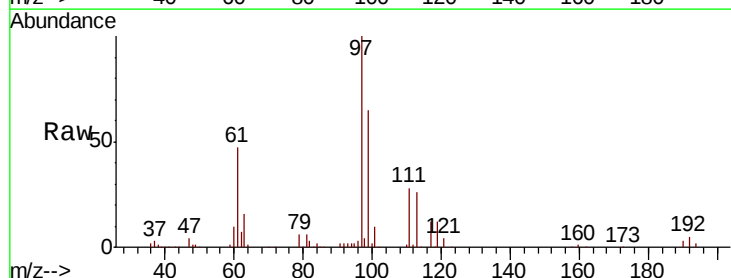
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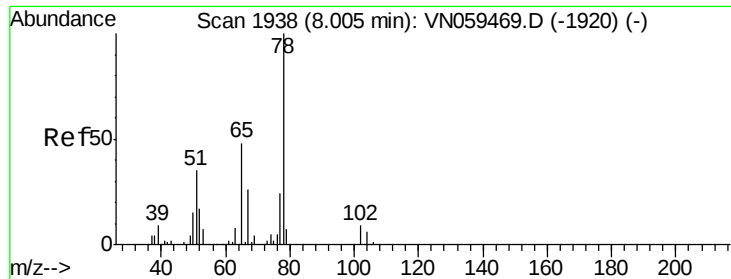
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#32
1,1,1-Trichloroethane
Concen: 52.576 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.7	77.5
61	48.4	35.4	53.0





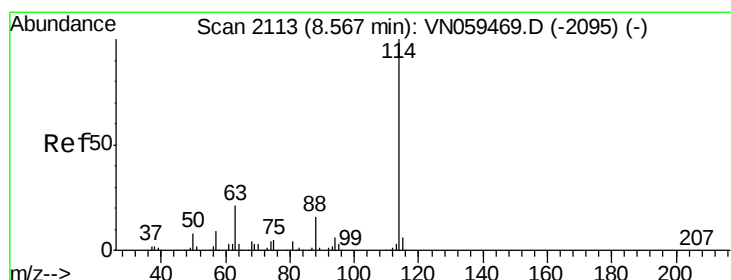
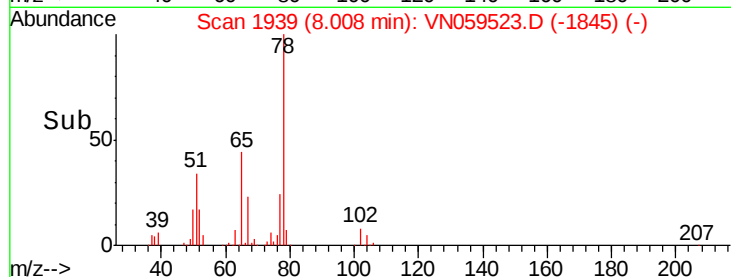
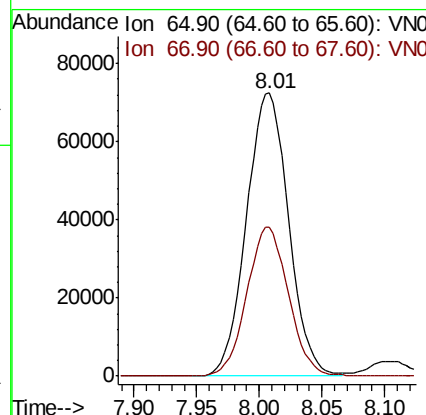
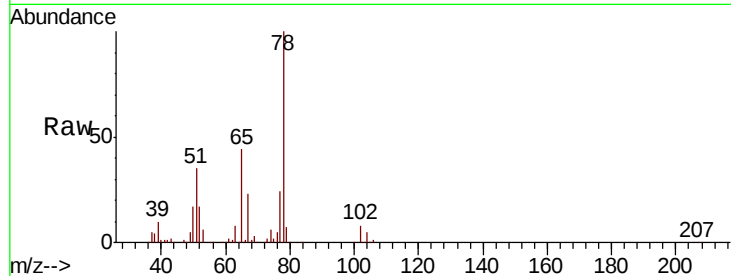
#33
 1,2-Dichloroethane-d4
 Concen: 57.089 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	169452		
67	52.0	0.0	107.4	

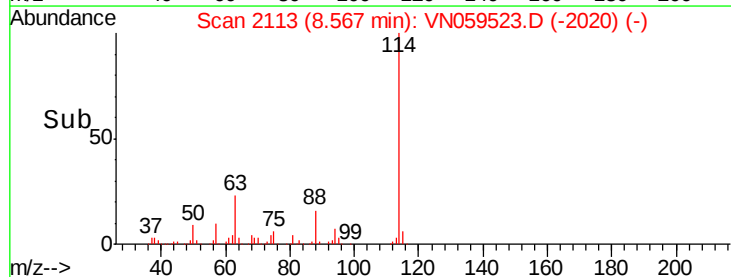
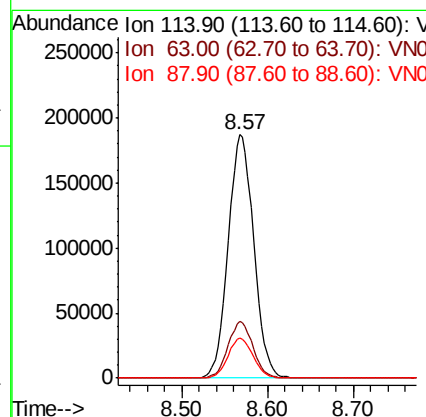
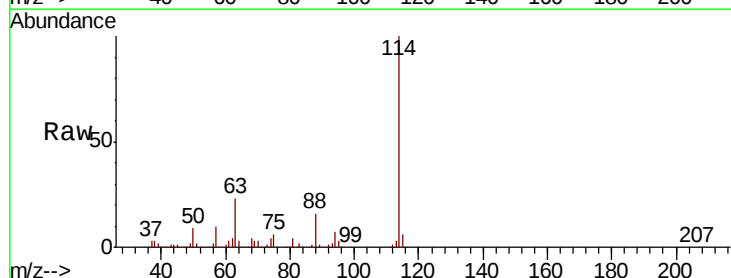
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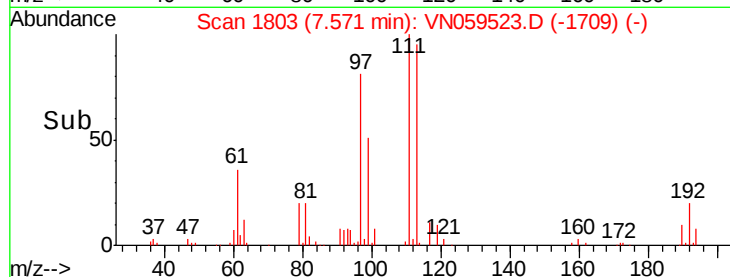
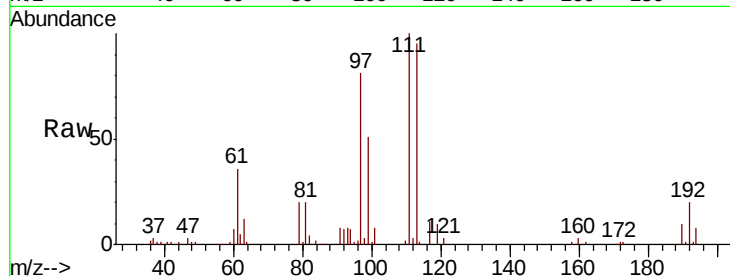
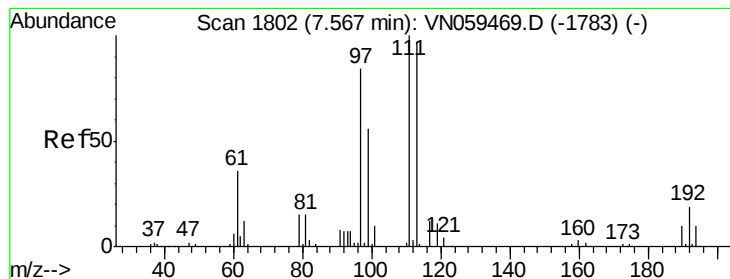
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	385591		
63	23.4	0.0	42.4	
88	16.2	0.0	32.8	





#35

Dibromofluoromethane

Concen: 50.155 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Tot Ion:	113	Resp:	120451
Ion Ratio	Lower	Upper	
113	100		
111	105.5	82.5	123.7
192	19.8	16.1	24.1

Instrument :

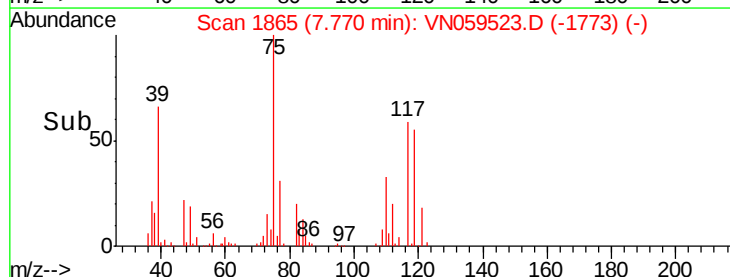
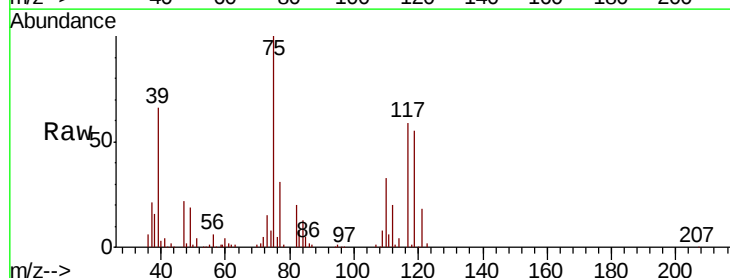
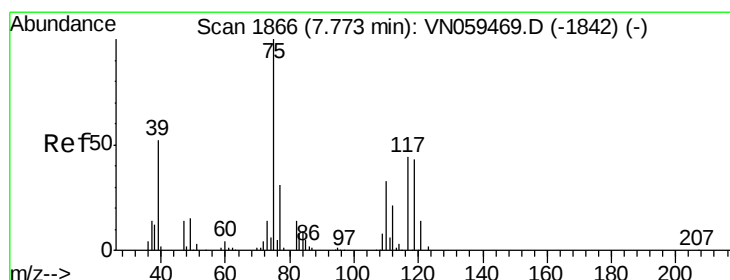
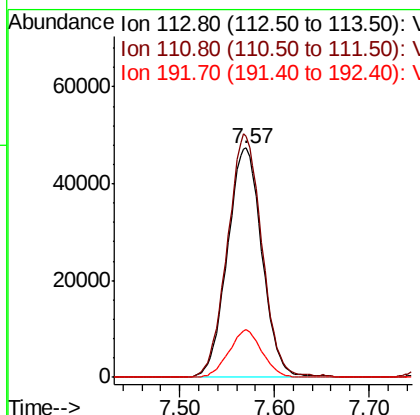
MSVOA_N

ClientSampleId :

VSTDCCC050EC

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#36

1,1-Dichloropropene

Concen: 48.646 ug/l

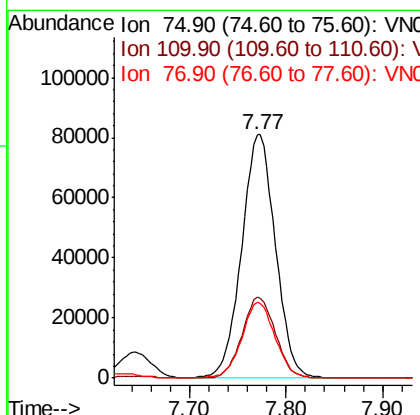
RT: 7.77 min Scan# 1865

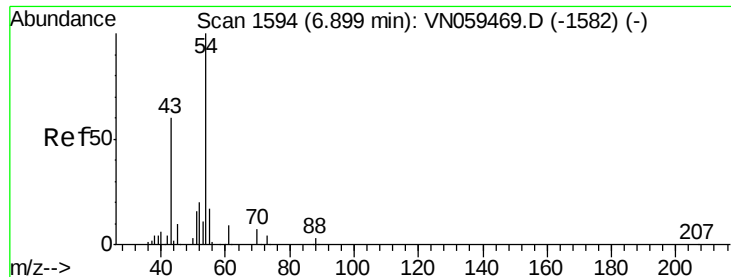
Delta R.T. -0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Tgt Ion:	75	Resp:	195193
Ion Ratio	Lower	Upper	
75	100		
110	33.0	16.9	50.7
77	31.1	25.1	37.7





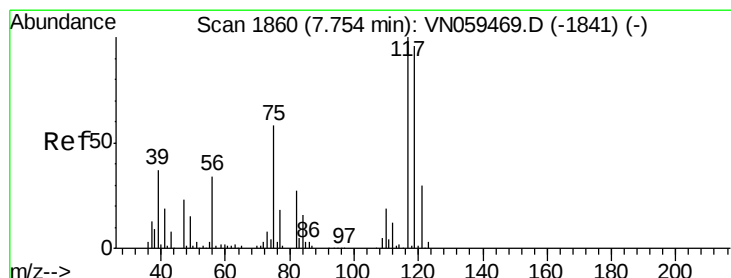
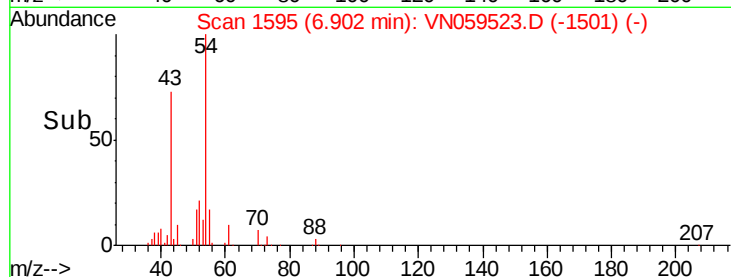
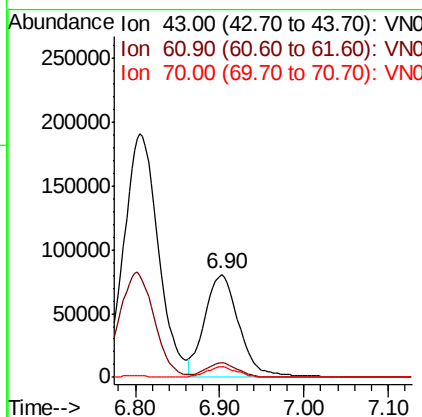
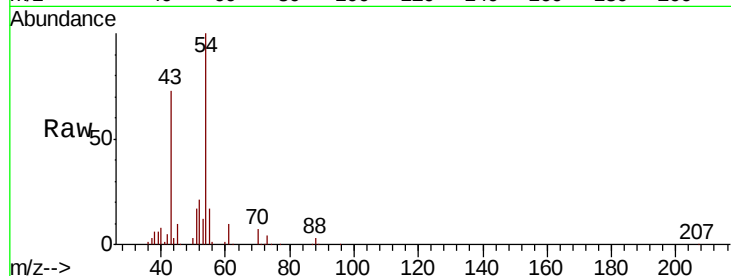
#37
Ethyl Acetate
Concen: 50.550 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.3	16.9
70	9.5	8.3	12.5

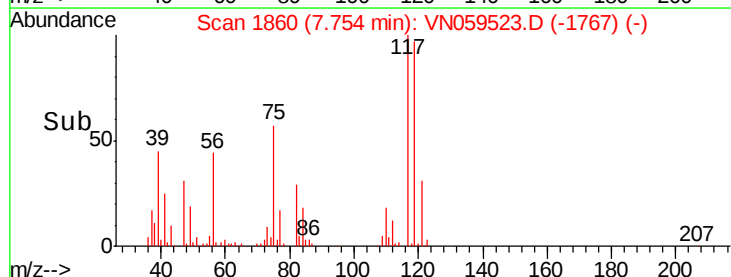
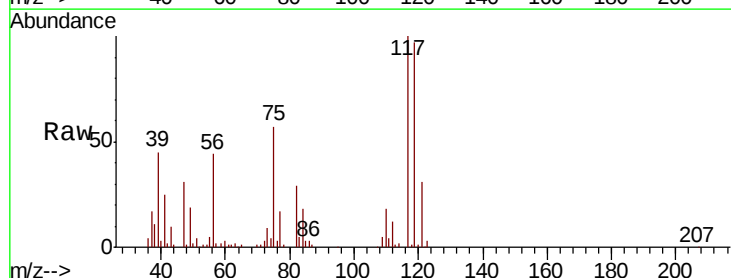
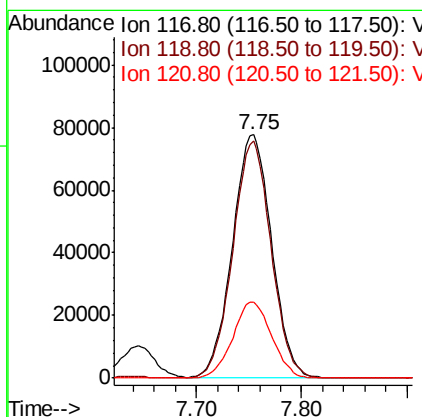
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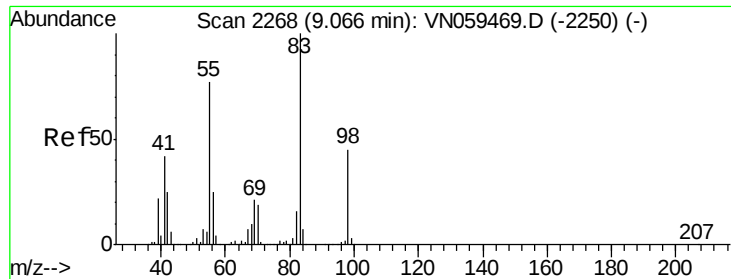
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#38
Carbon Tetrachloride
Concen: 51.984 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.6	114.8
121	31.1	24.0	36.0





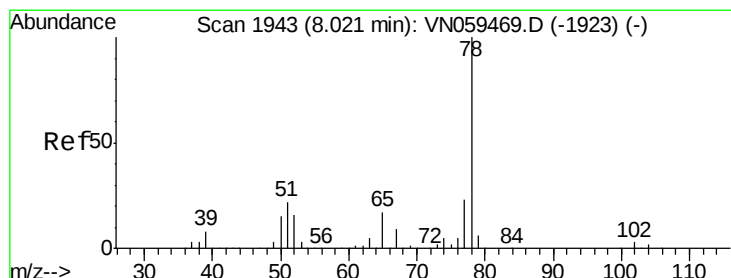
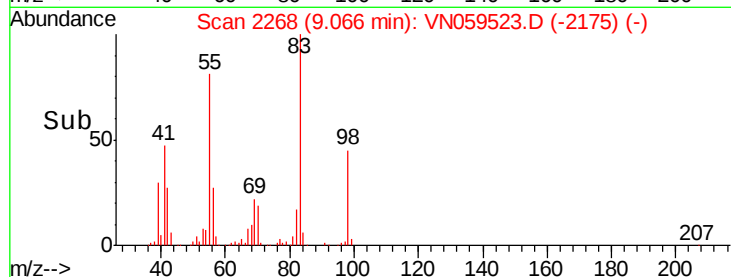
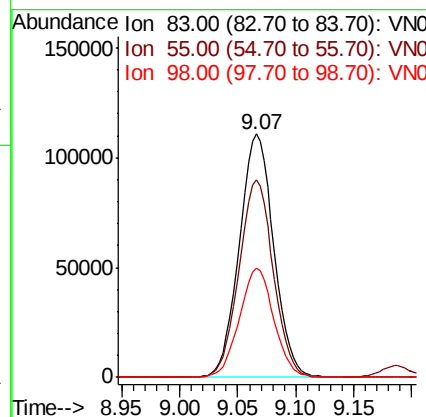
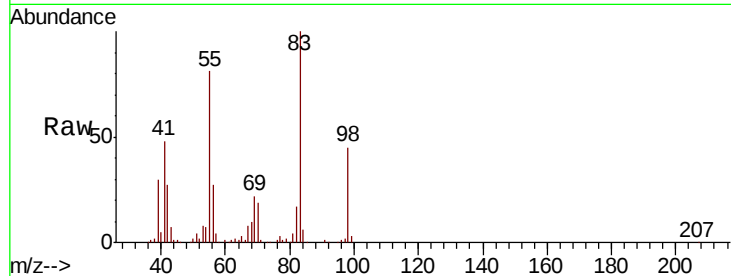
#39
Methvlcvclohexane
Concen: 47.178 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.1	61.8	92.6
98	44.6	36.2	54.2

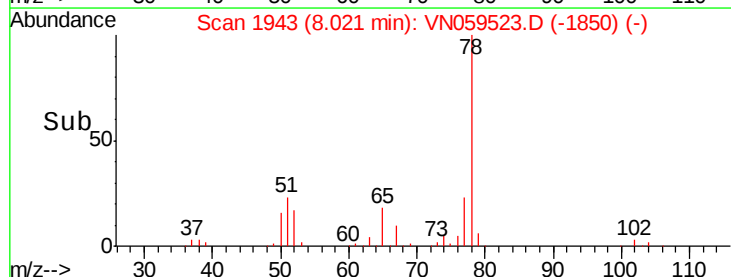
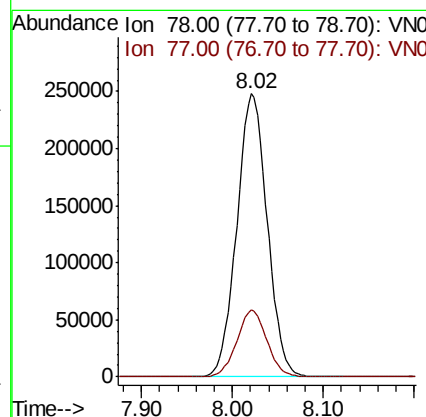
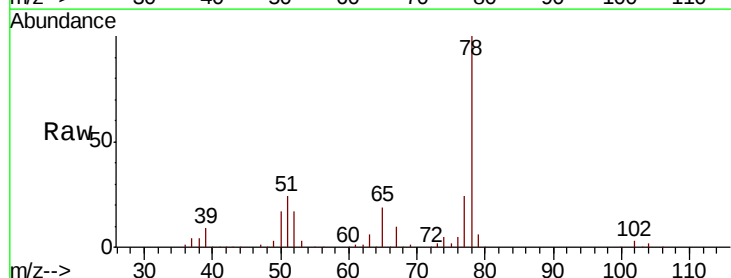
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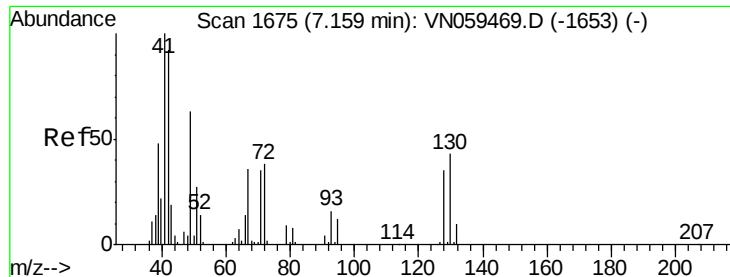
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#40
Benzene
Concen: 49.014 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.2	27.2





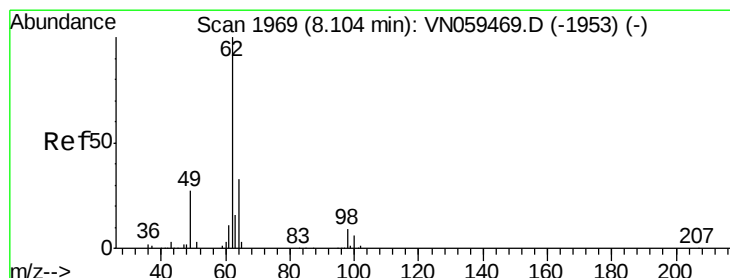
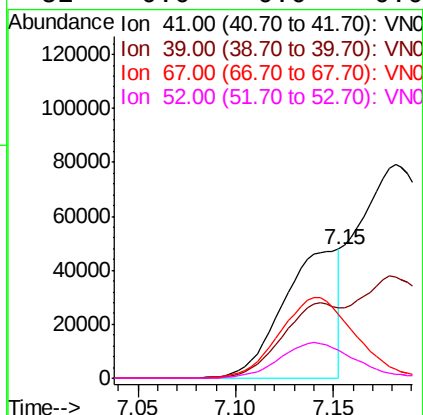
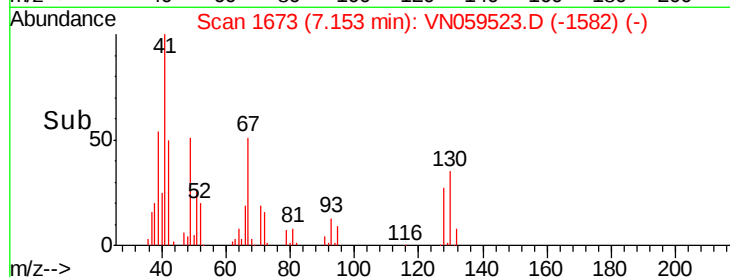
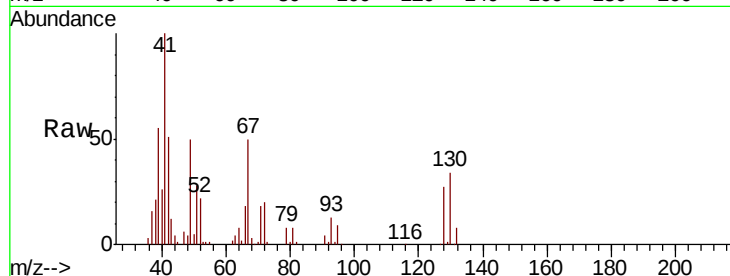
#41
Methacrylonitrile
Concen: 52.474 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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

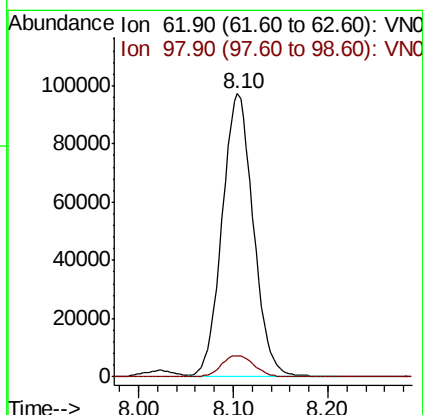
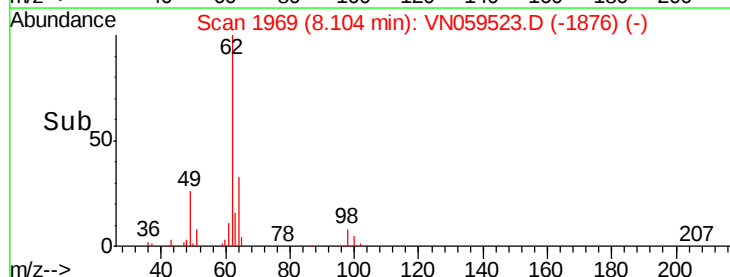
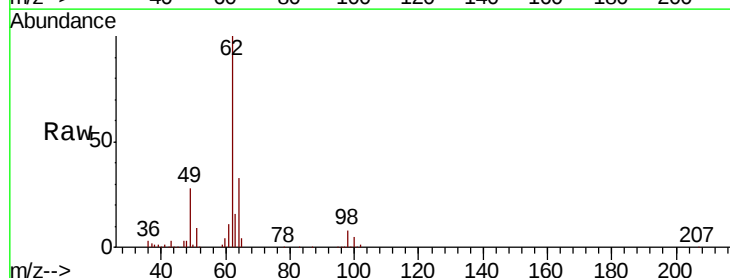
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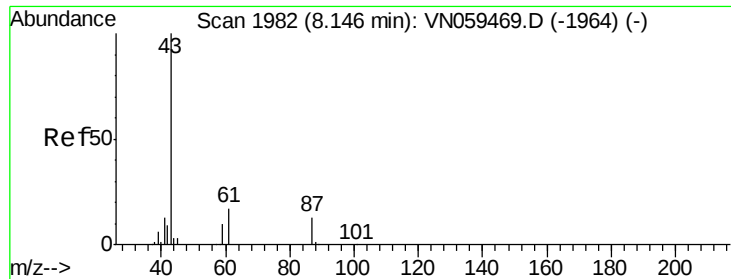
apatel
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#42
1,2-Dichloroethane
Concen: 55.867 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	17.8





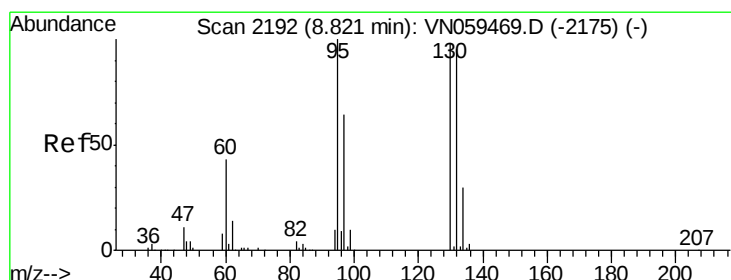
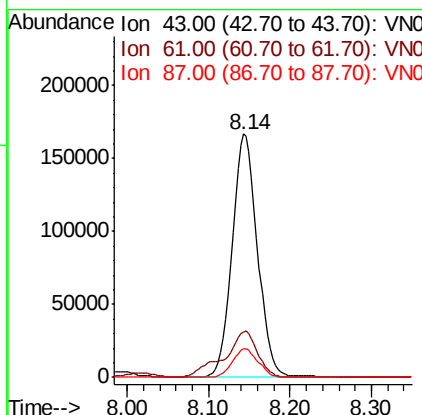
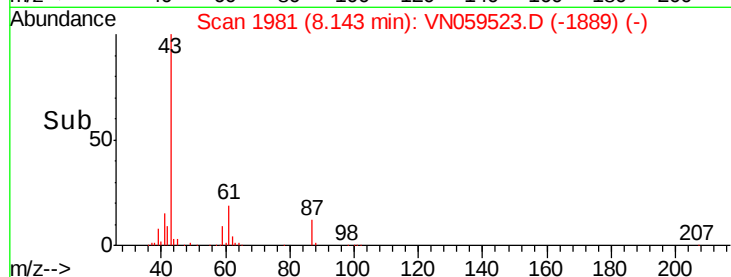
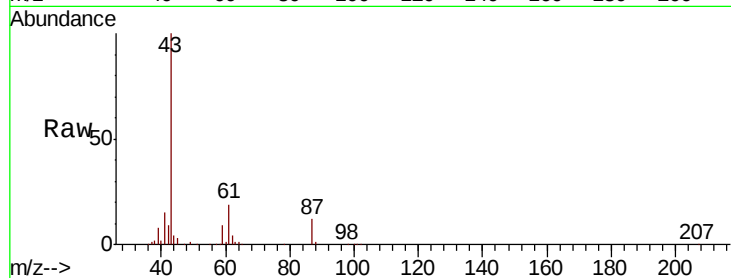
#43
Isopropyl Acetate
Concen: 54.191 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.7	21.0	31.6
87	11.8	10.4	15.6

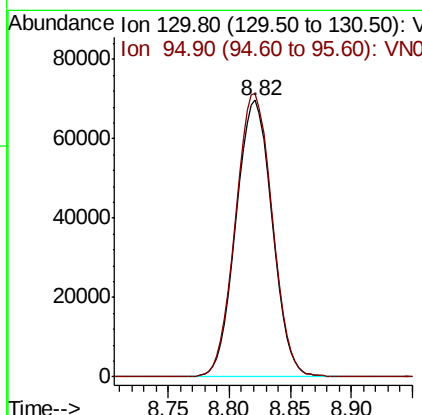
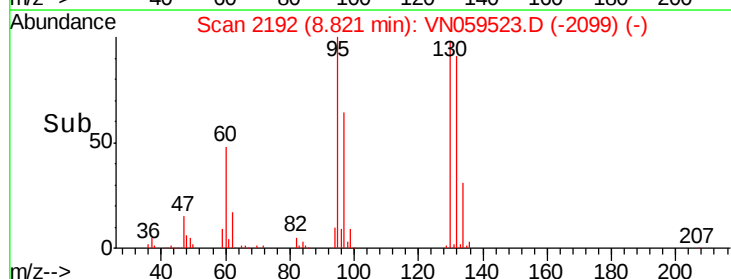
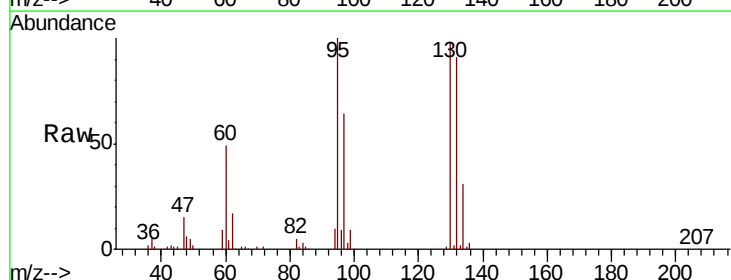
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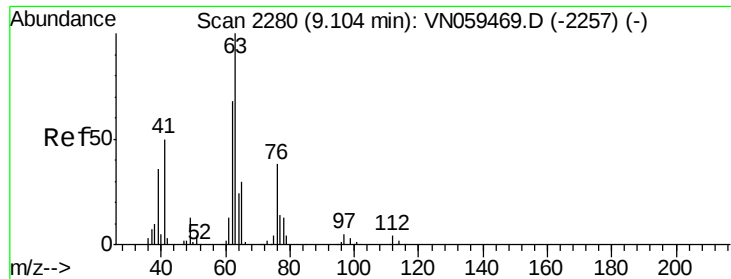
apatel
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#44
Trichloroethene
Concen: 46.695 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	203.6





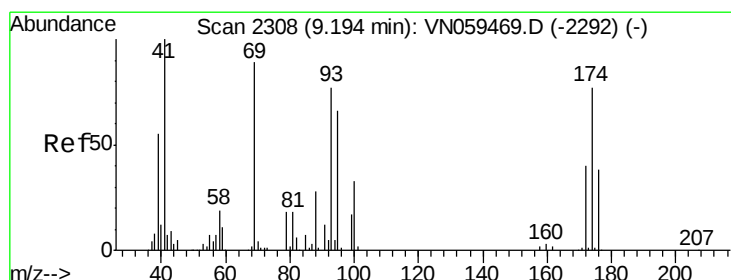
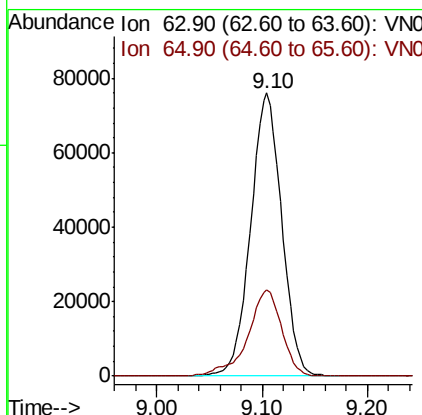
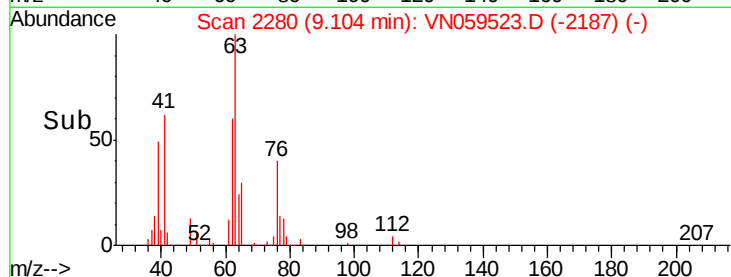
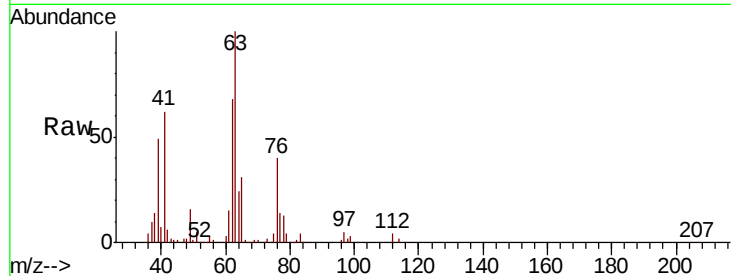
#45
 1,2-Dichloropropane
 Concen: 49.770 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 156241
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.4 36.6

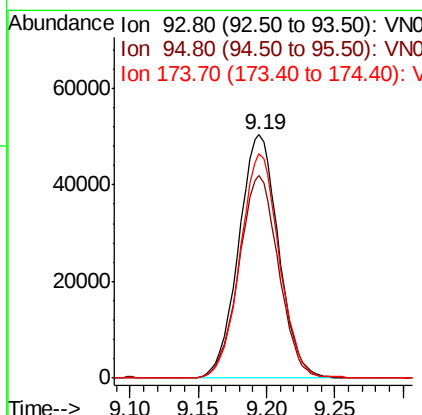
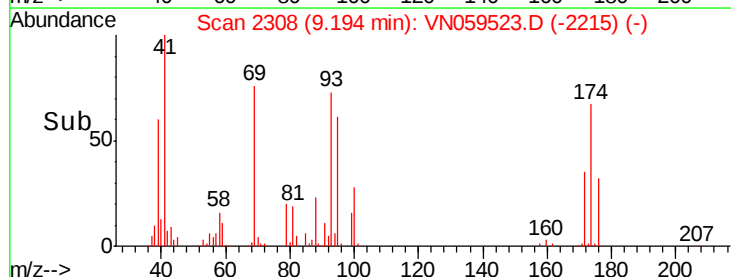
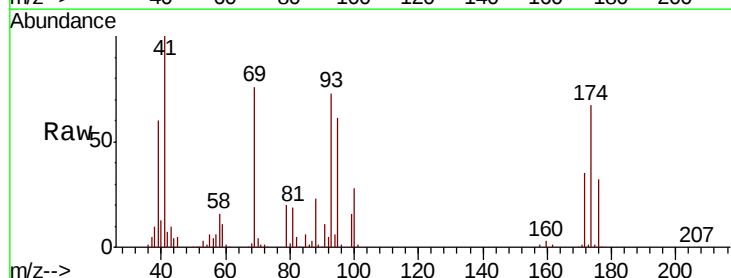
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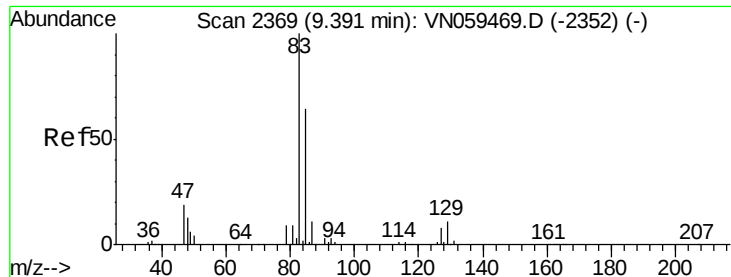
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#46
 Dibromomethane
 Concen: 52.214 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Tgt Ion: 93 Resp: 102050
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.6
 174 90.5 79.6 119.4





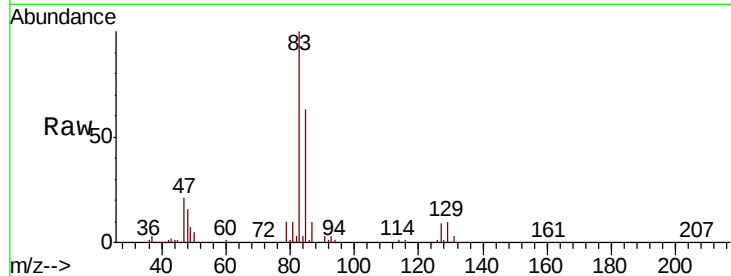
#47
Bromodichloromethane
Concen: 53.435 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

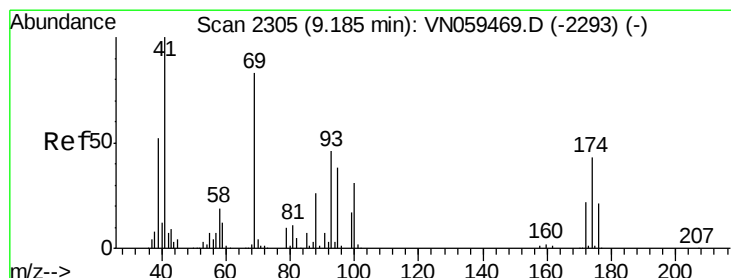
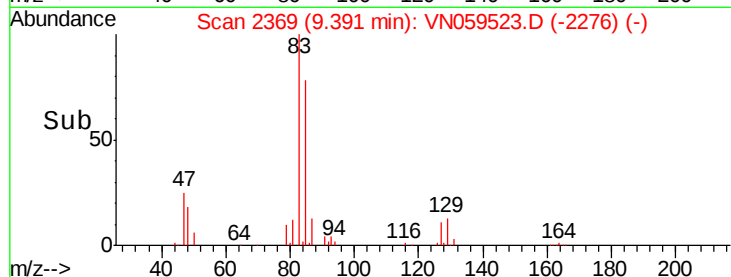
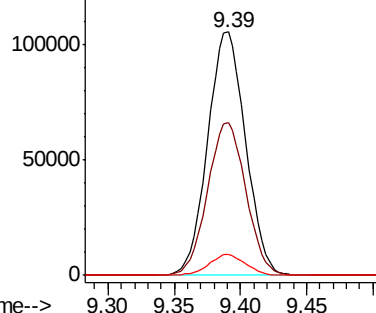
Tot Ion	Ratio	Resp	Lower	Upper
83	100	209404		
85	62.9	51.0	76.6	
127	8.6	6.6	9.8	

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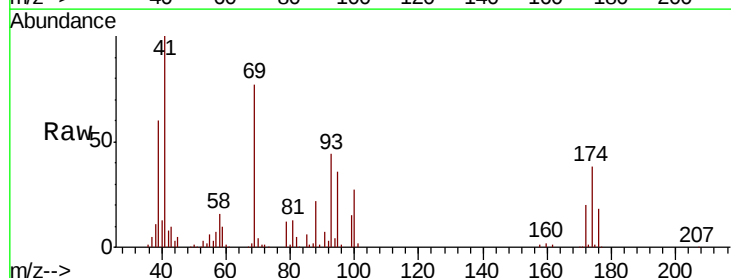


Abundance Ion 82.90 (82.60 to 83.60): VN059469.D (-2352) (-)

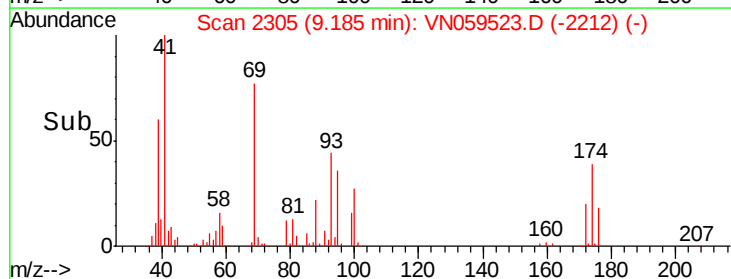
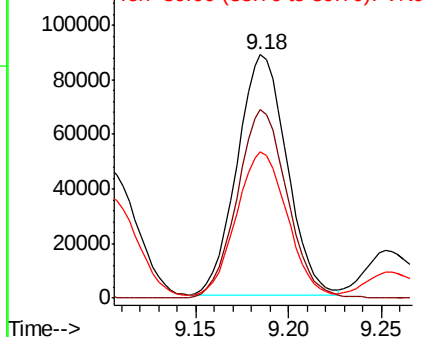


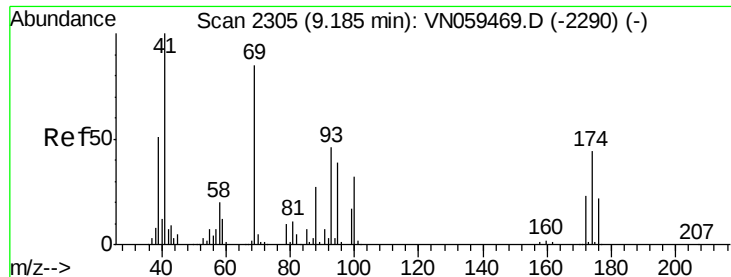
#48
Methyl methacrylate
Concen: 54.587 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	164171		
69	79.1	68.6	103.0	
39	62.5	43.2	64.8	



Abundance Ion 41.00 (40.70 to 41.70): VN059469.D (-2293) (-)





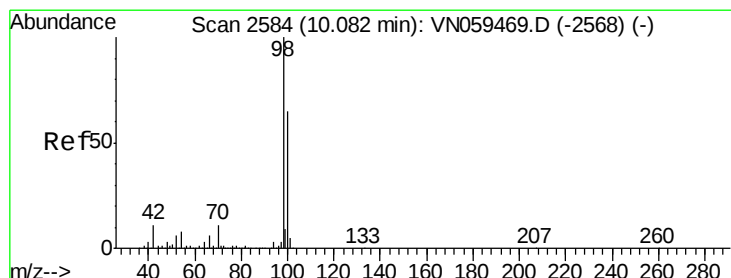
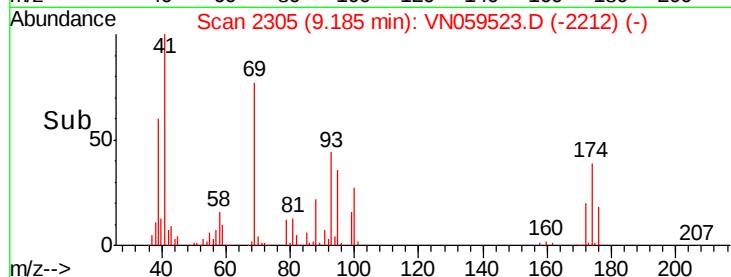
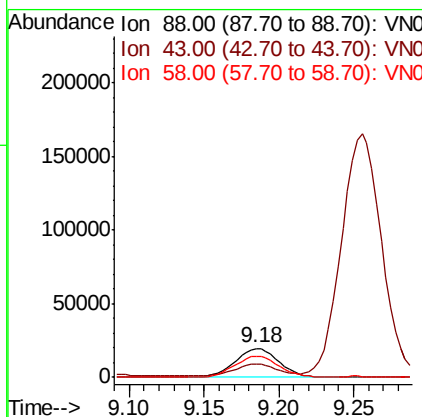
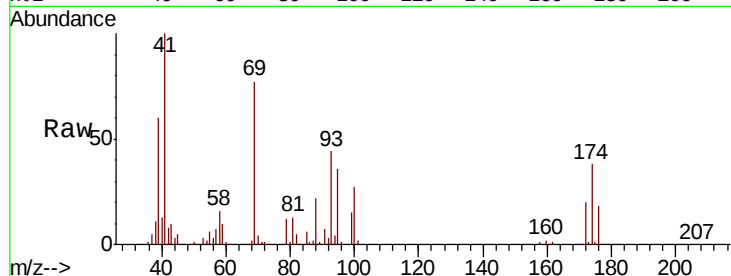
#49
1,4-Dioxane
Concen: 873.545 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.6	27.1	40.7
58	74.1	57.8	86.6

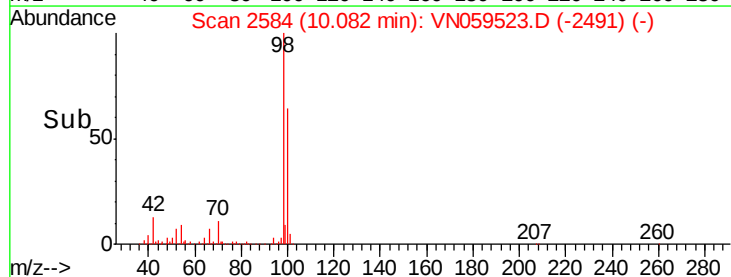
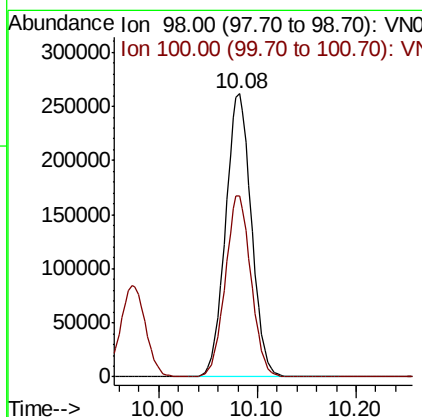
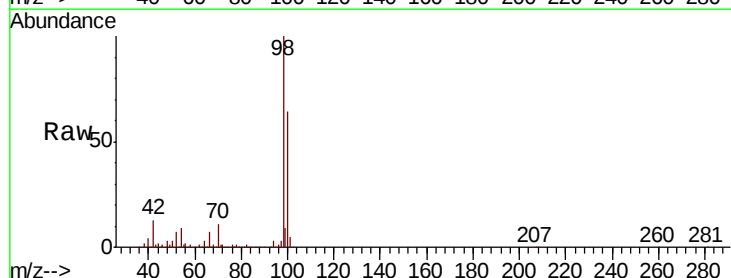
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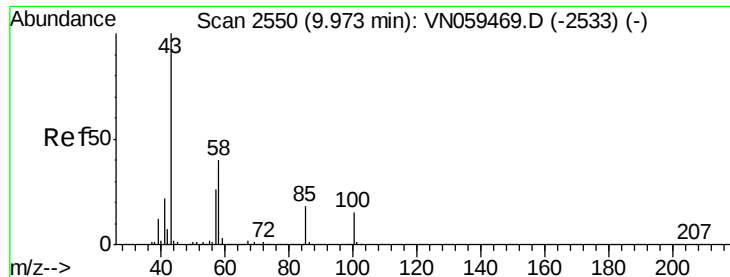
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#50
Toluene-d8
Concen: 50.746 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.1	78.1





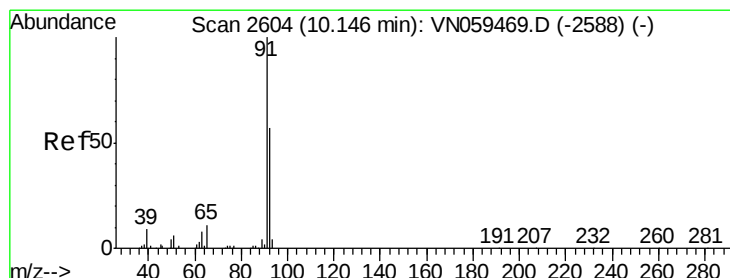
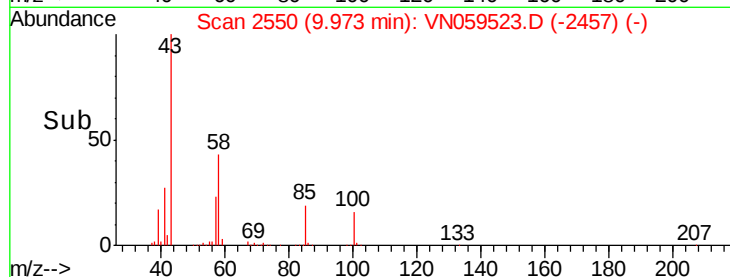
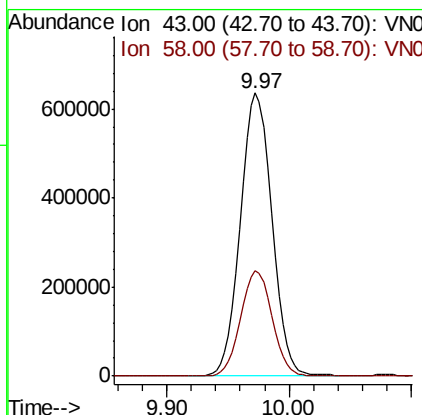
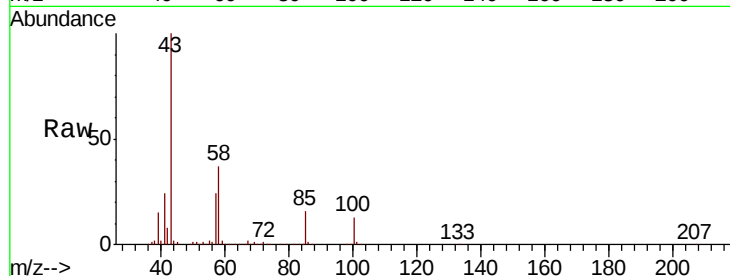
#51
4-Methyl-2-Pentanone
Concen: 285.561 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1129971
Ion Ratio Lower Upper
43 100
58 37.1 32.1 48.1

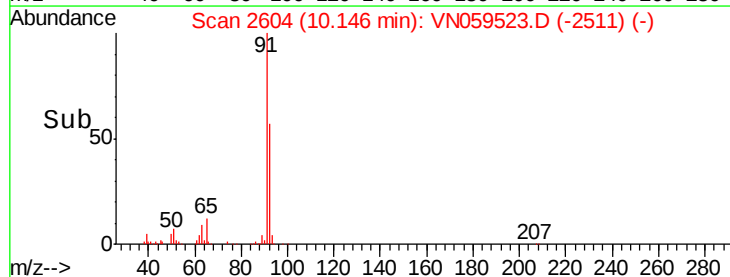
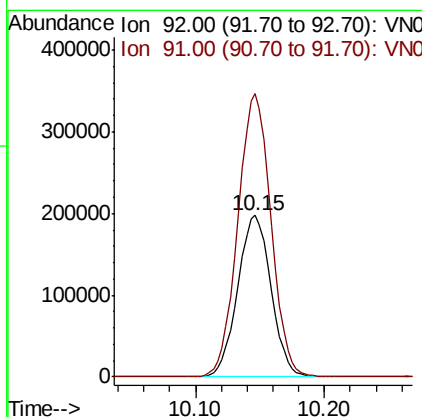
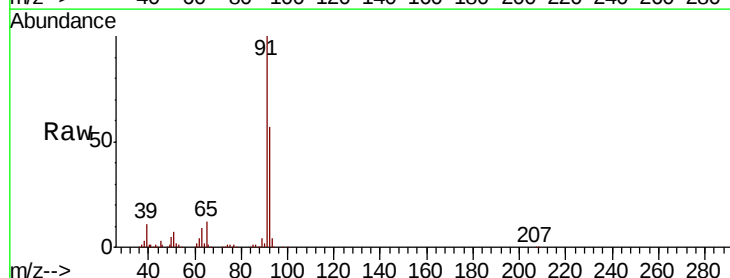
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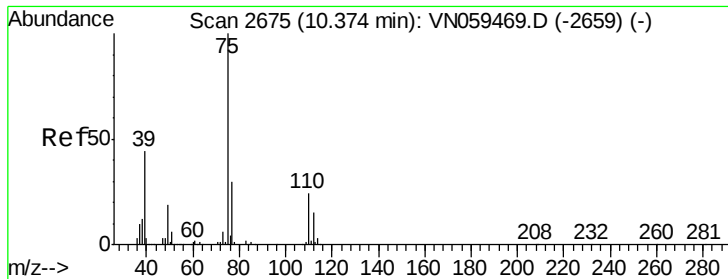
apatel
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#52
Toluene
Concen: 50.023 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion: 92 Resp: 355484
Ion Ratio Lower Upper
92 100
91 174.6 138.6 208.0





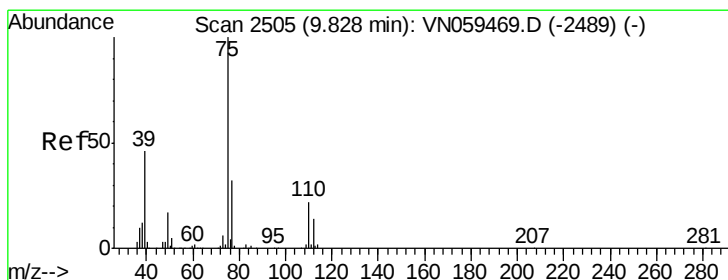
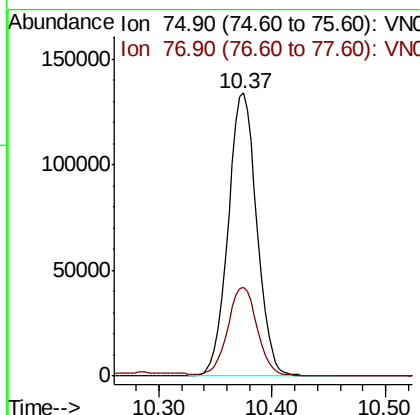
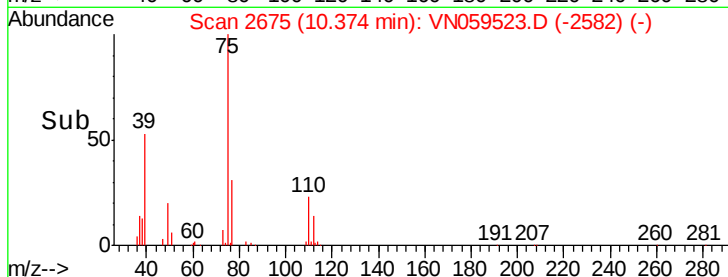
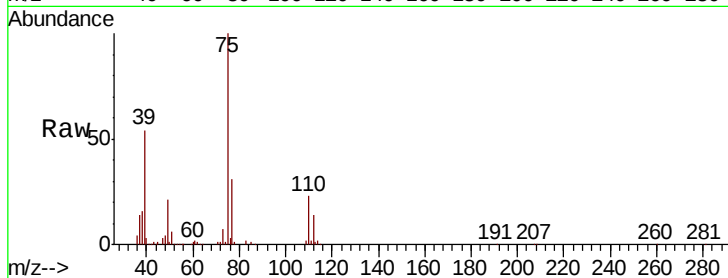
#53
 t-1,3-Dichloropropene
 Concen: 51.294 ug/l
 RT: 10.37 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 236533
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6

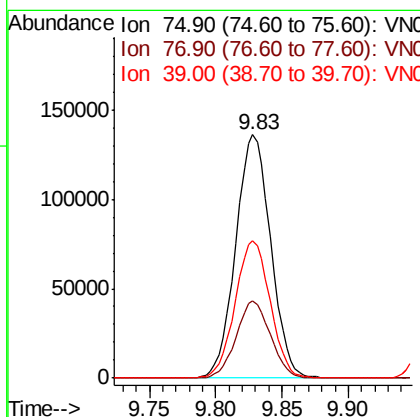
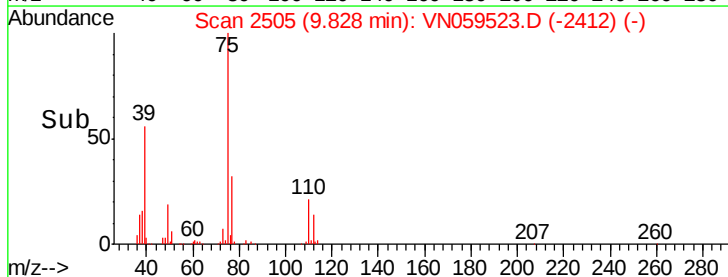
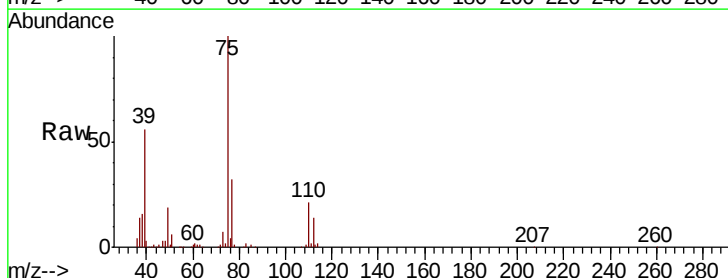
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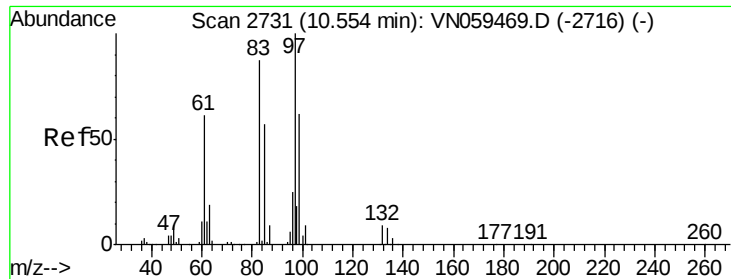
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#54
 cis-1,3-Dichloropropene
 Concen: 51.118 ug/l
 RT: 9.83 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Tgt Ion: 75 Resp: 249851
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.7 38.5
 39 56.3 36.6 54.8#





#55

1,1,2-Trichloroethane

Concen: 50.325 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

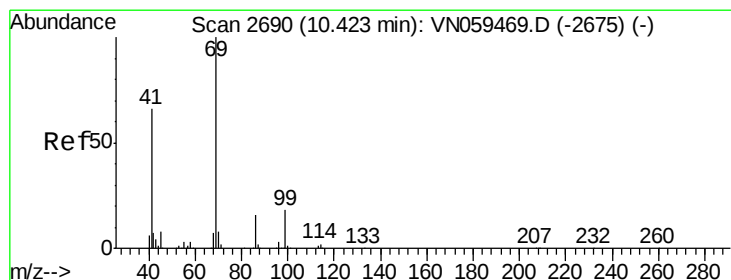
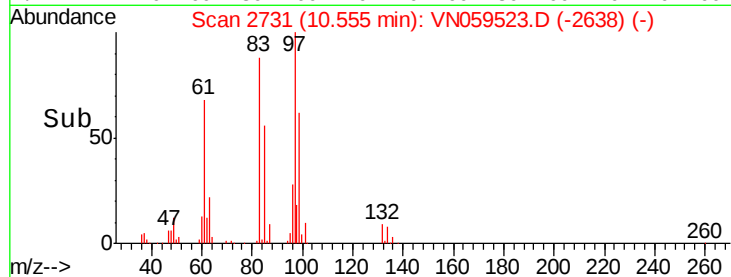
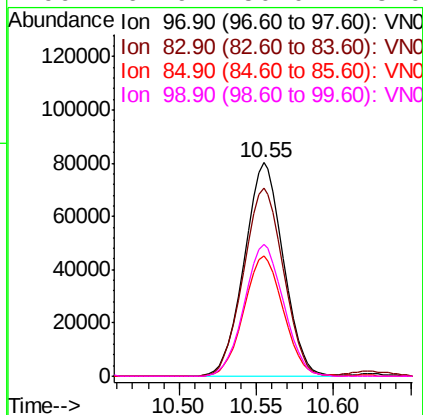
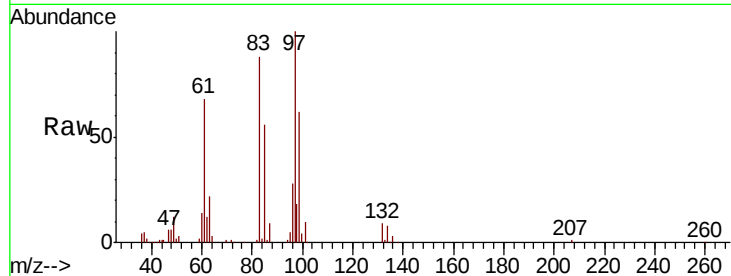
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	140983
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.8	104.8
85	56.3	45.5	68.3
99	61.9	50.0	75.0

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#56

Ethyl methacrylate

Concen: 48.062 ug/l

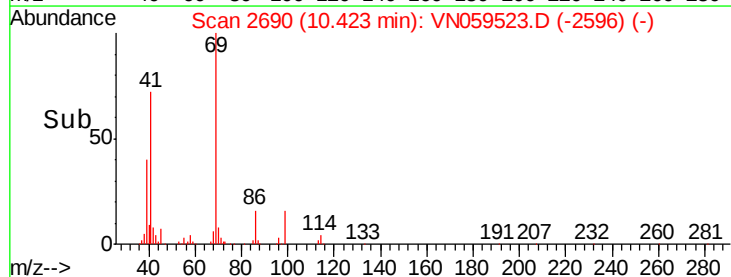
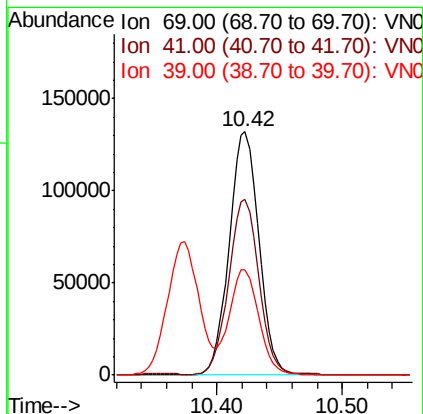
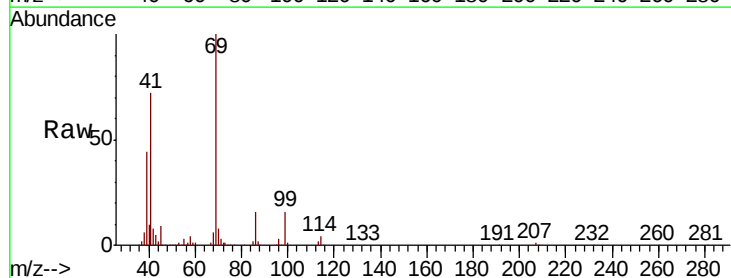
RT: 10.42 min Scan# 2690

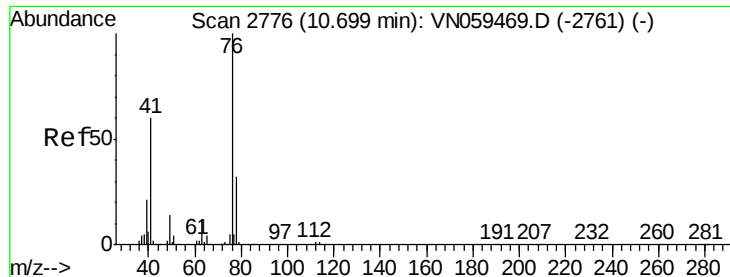
Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Tgt Ion:	69	Resp:	217717
Ion	Ratio	Lower	Upper
69	100		
41	72.4	52.7	79.1
39	42.7	25.0	37.6





#57

1,3-Dichloropropane

Concen: 51.169 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 247890

Ion Ratio Lower Upper

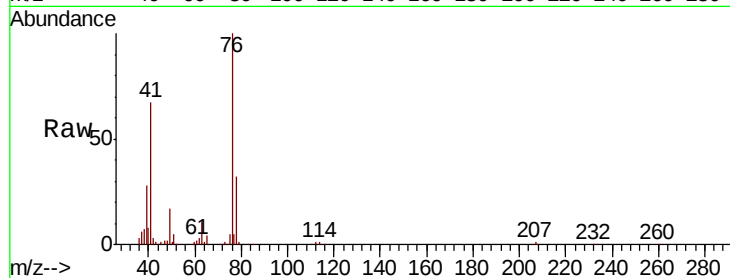
76 100

78 32.1 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

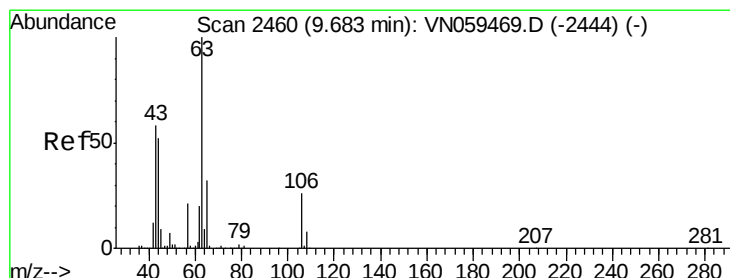
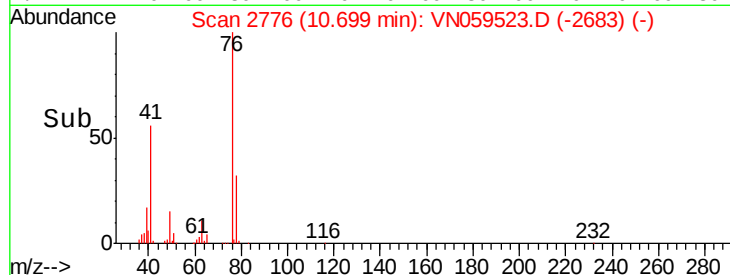
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 226.494 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059523.D

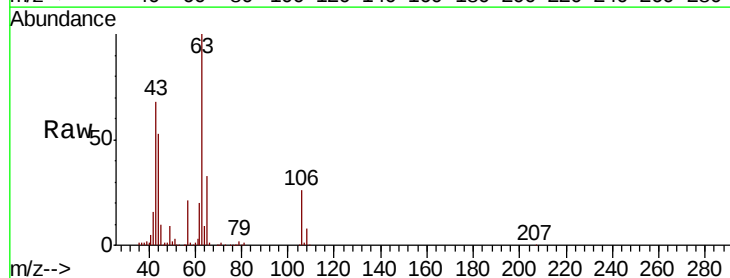
Acq: 6 Dec 2019 18:11

Tgt Ion: 63 Resp: 347885

Ion Ratio Lower Upper

63 100

106 25.4 20.4 30.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

200000

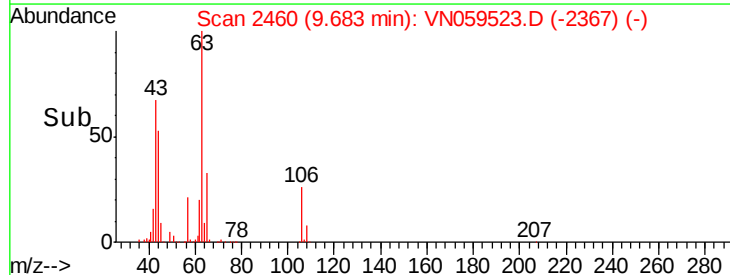
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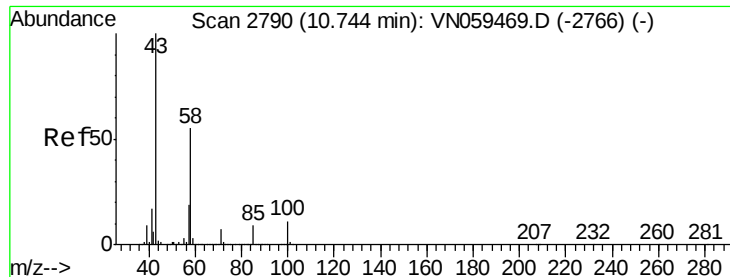
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50000

0

Time-->





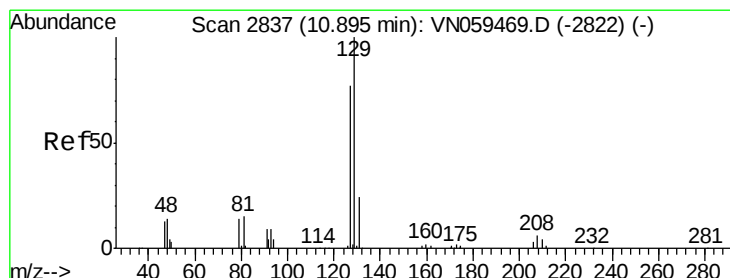
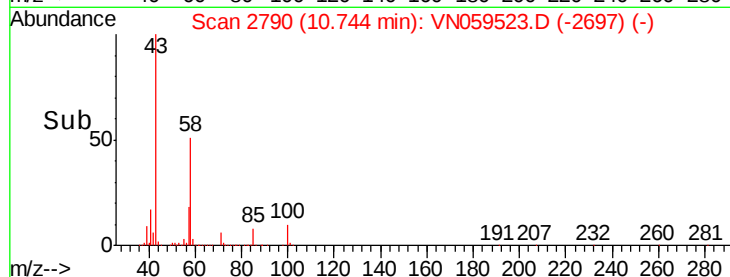
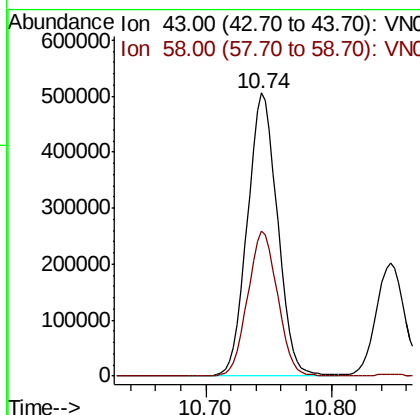
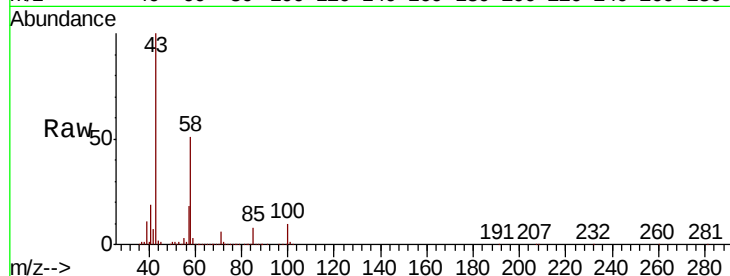
#59
2-Hexanone
Concen: 282.857 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.3	27.7	83.0

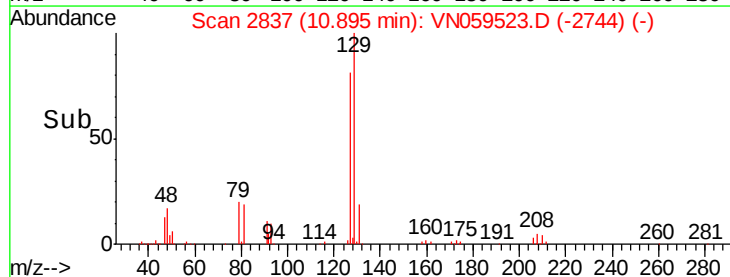
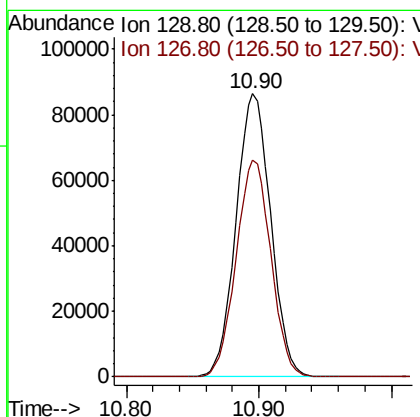
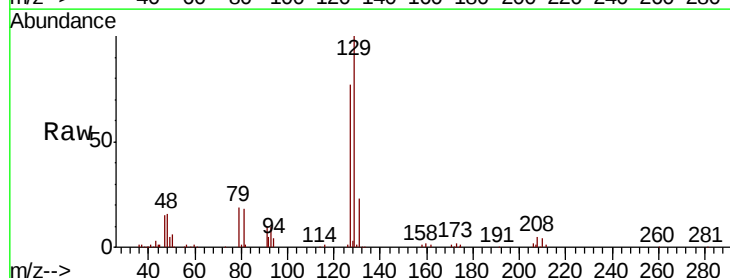
Manual Integrations
APPROVED

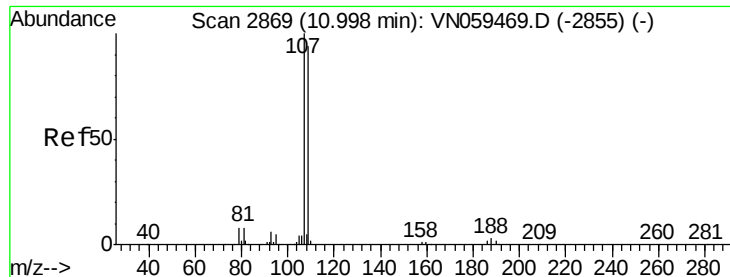
apatel
12/9/2019 8:47:50 AM



#60
Dibromochloromethane
Concen: 52.417 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.0	116.9





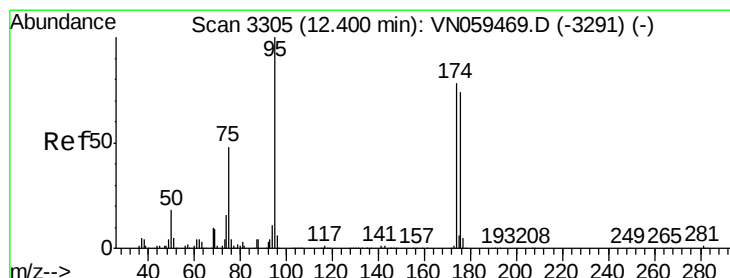
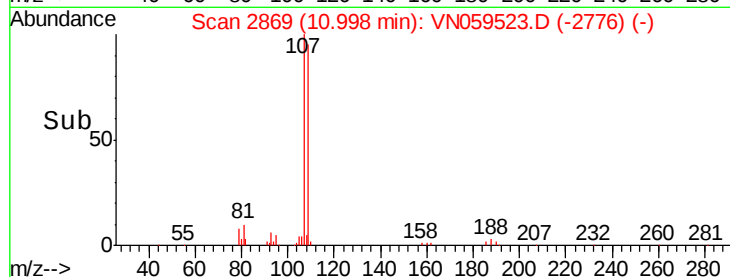
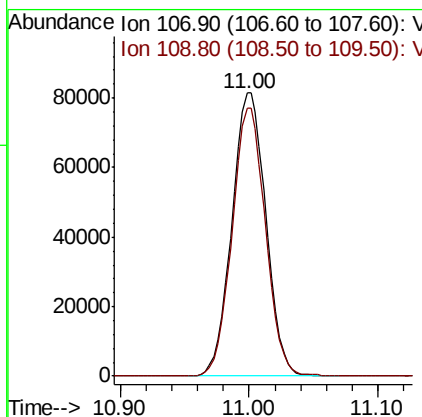
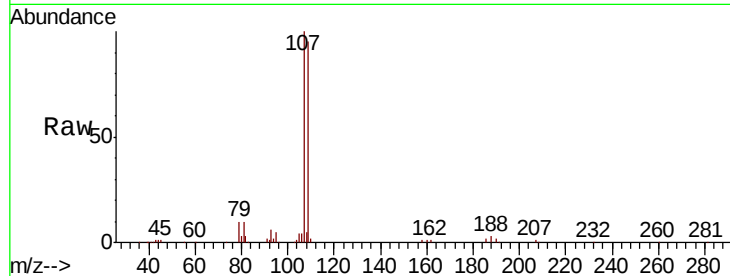
#61
 1,2-Dibromoethane
 Concen: 51.482 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.4	113.0

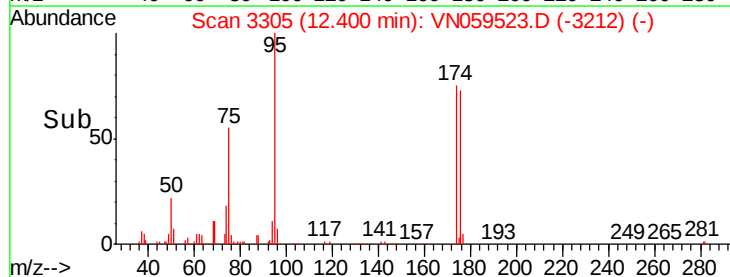
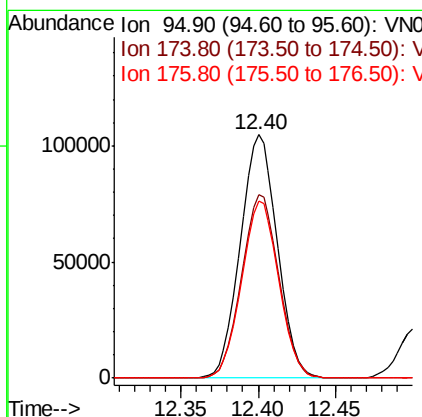
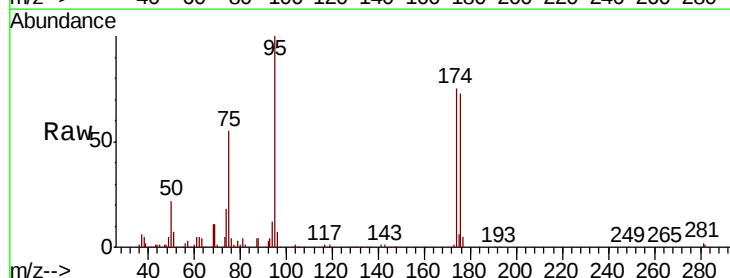
Manual Integrations
 APPROVED

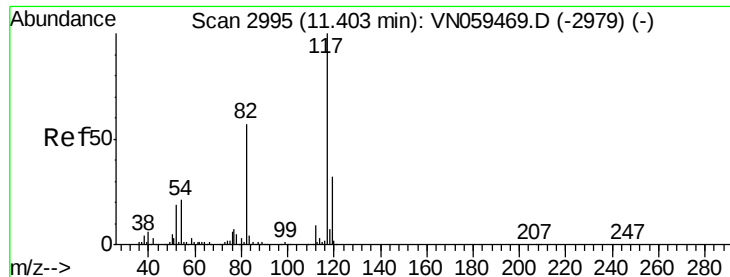
apatel
 12/9/2019 8:47:50 AM



#62
 4-Bromofluorobenzene
 Concen: 52.768 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	157.0
176	73.0	0.0	152.4





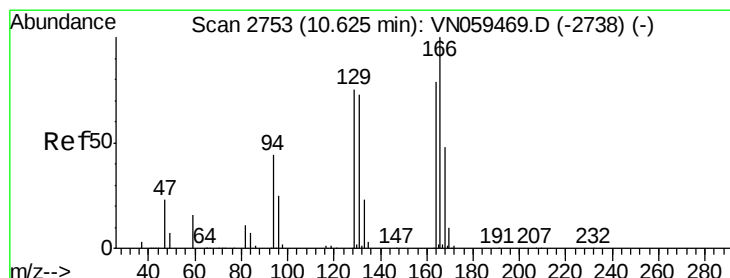
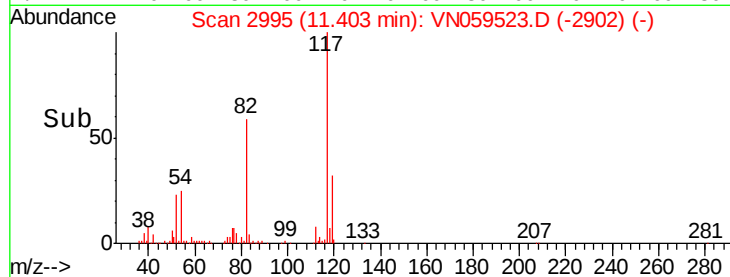
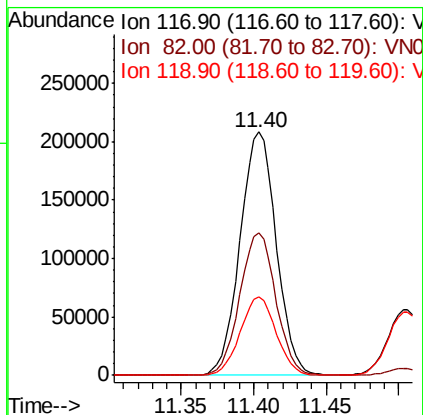
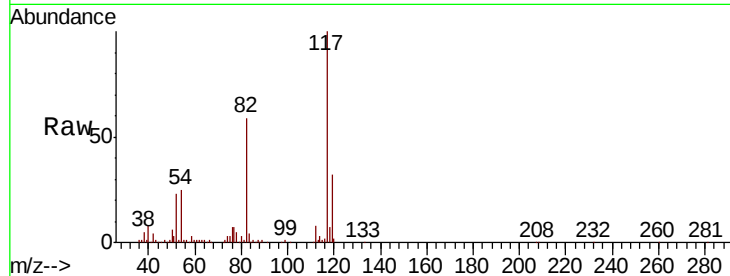
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.8	68.8
119	32.2	25.4	38.0

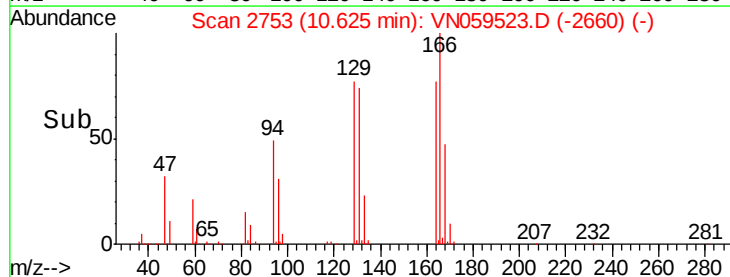
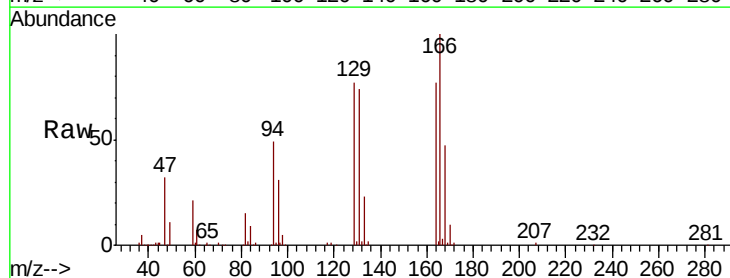
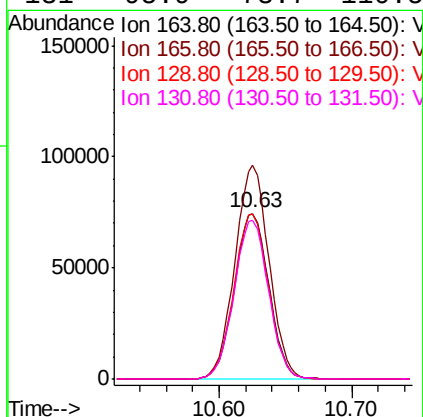
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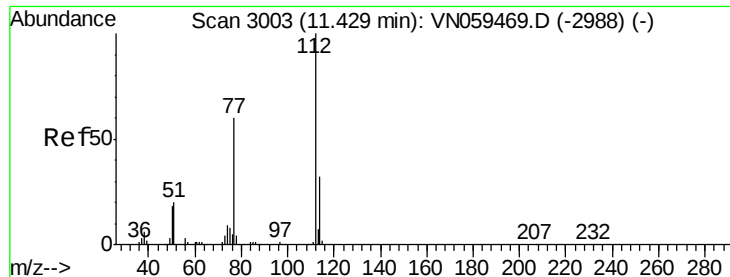
apatel
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#64
Tetrachloroethene
Concen: 43.676 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	101.2	151.8
129	100.1	76.1	114.1
131	95.9	73.7	110.5





#65

Chlorobenzene

Concen: 47.493 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 375997

Ion Ratio Lower Upper

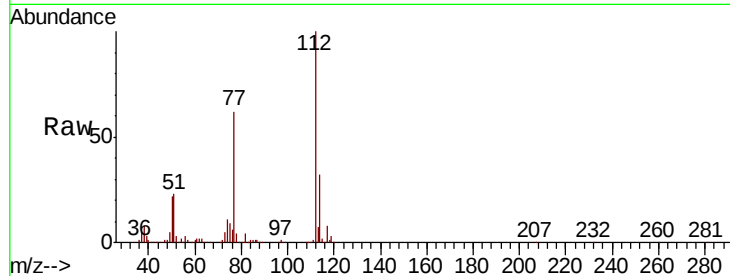
112 100

114 32.1 25.7 38.5

Manual Integrations
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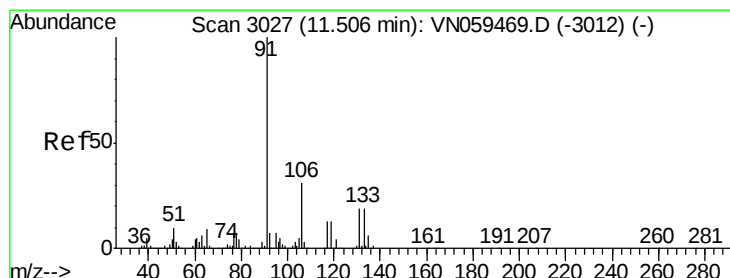
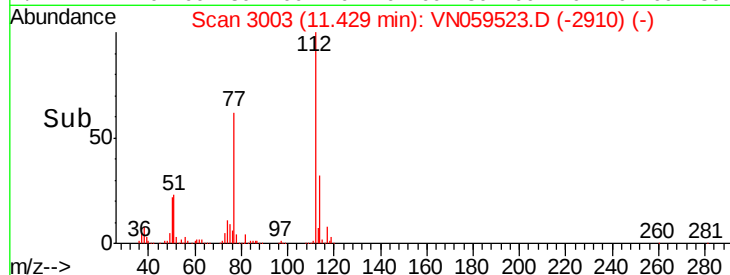
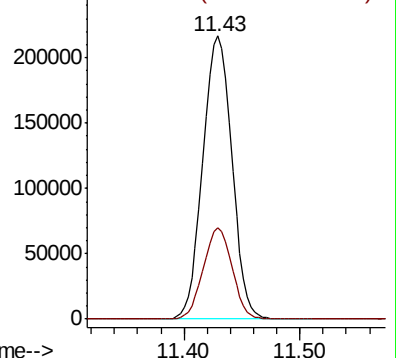
apatel

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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: 49.351 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

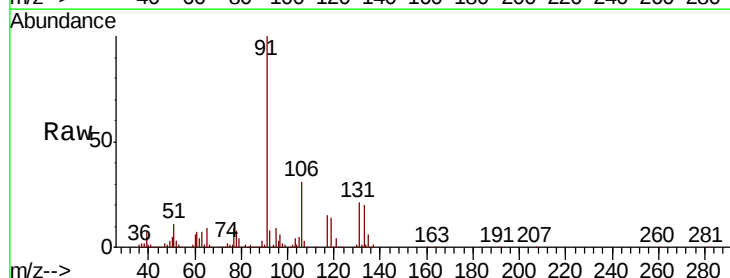
Tgt Ion:131 Resp: 140389

Ion Ratio Lower Upper

131 100

133 97.0 48.0 144.0

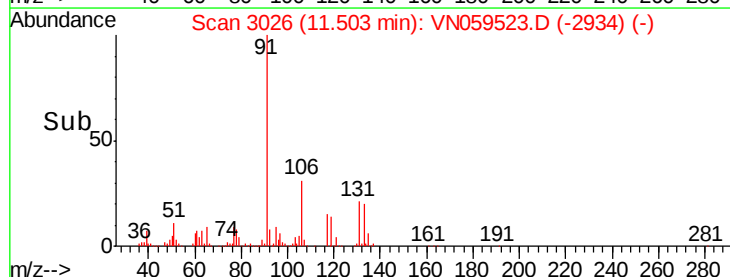
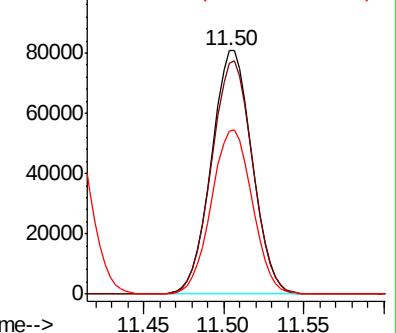
119 68.0 33.9 101.6

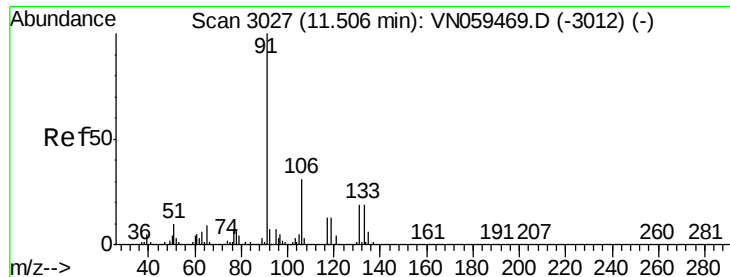


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





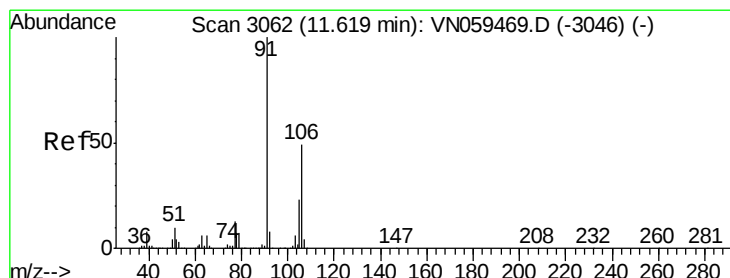
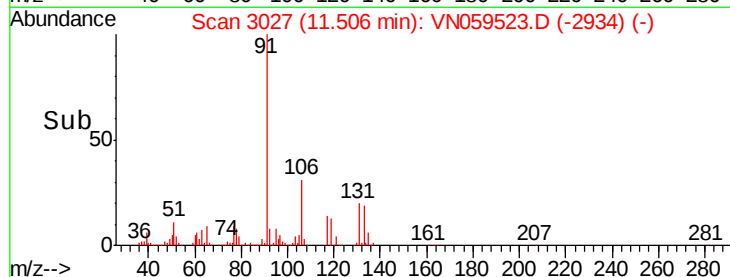
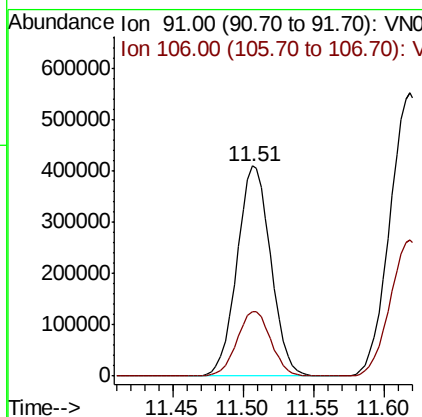
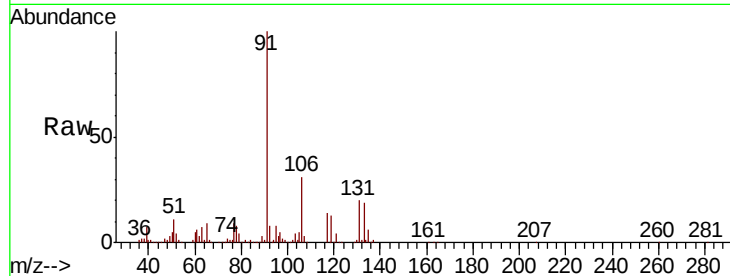
#67
Ethyl Benzene
Concen: 49.536 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 687103
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1

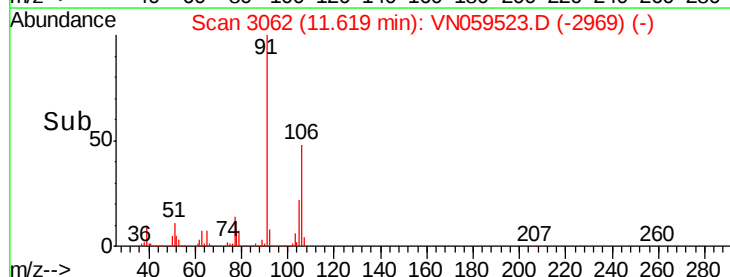
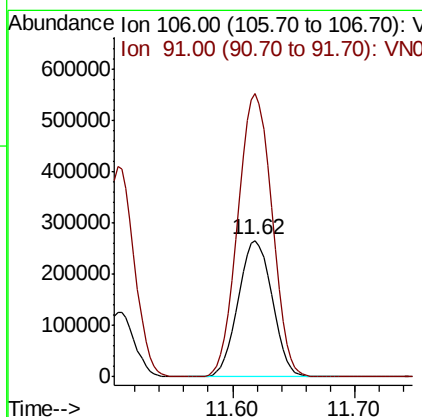
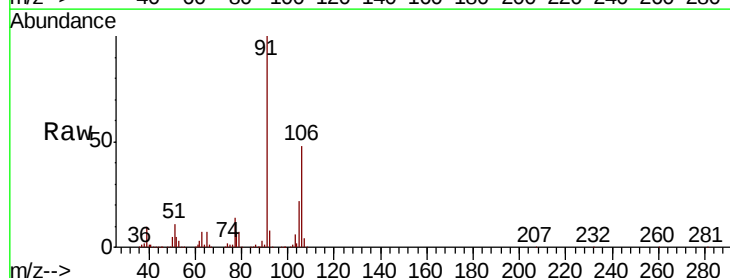
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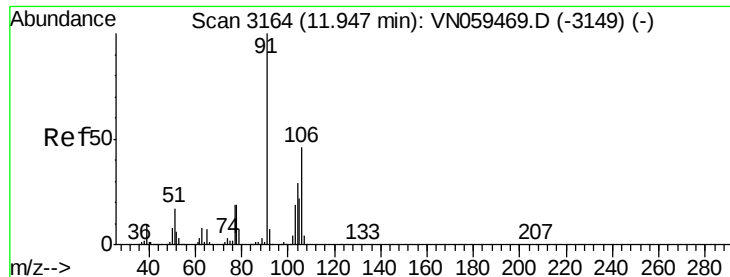
apatel
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#68
m/p-Xylenes
Concen: 99.340 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion: 106 Resp: 513075
Ion Ratio Lower Upper
106 100
91 208.7 162.2 243.4





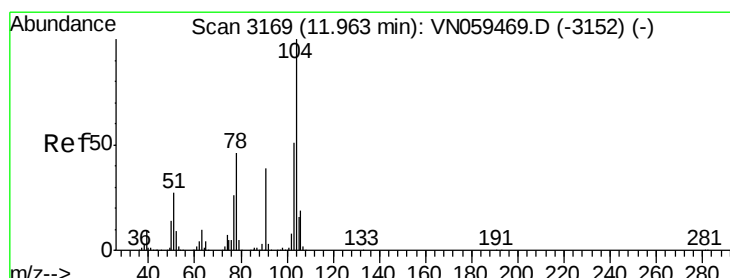
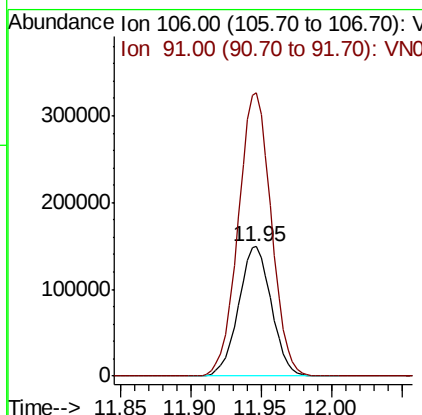
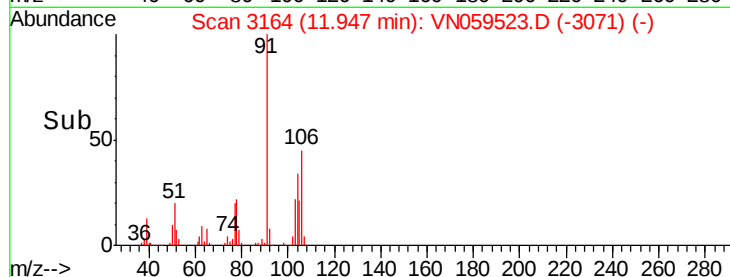
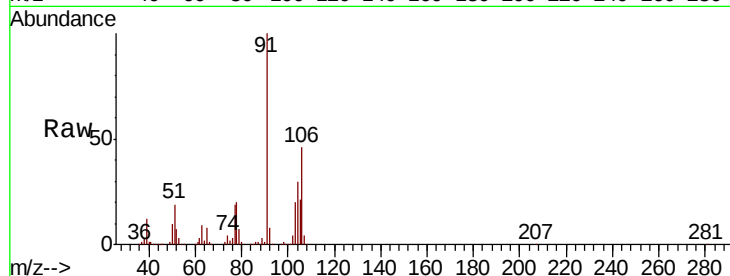
#69
o-Xylene
Concen: 49.681 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
244289	106			
100	106	100		
219.6	91		108.5	325.3

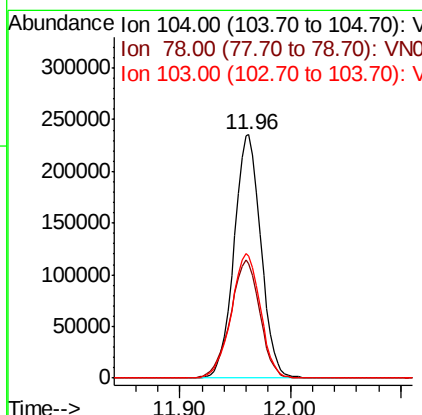
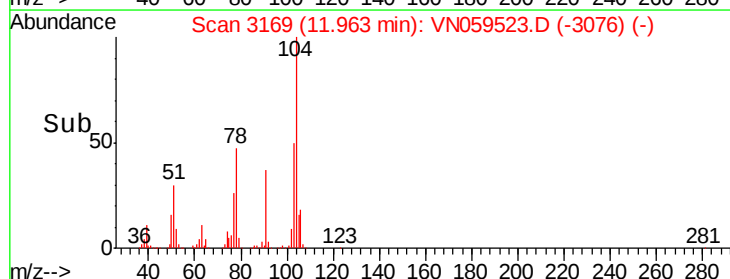
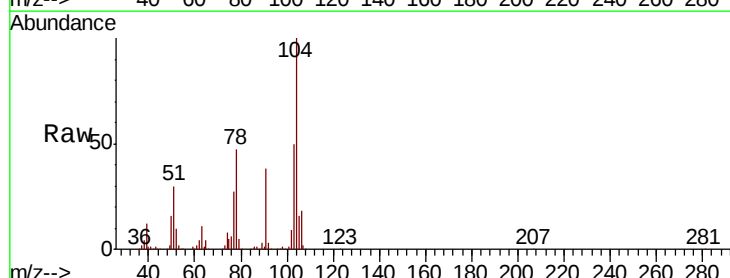
Manual Integrations
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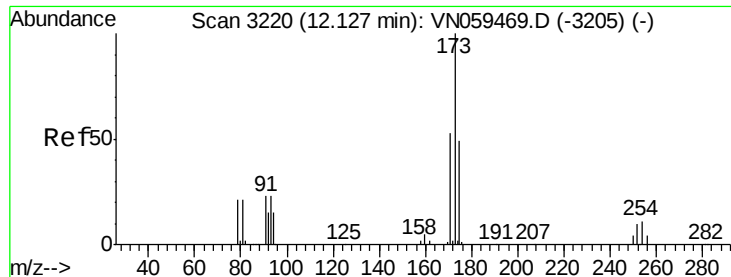
apatel
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#70
Styrene
Concen: 50.767 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ion	Ratio	Lower	Upper
398491	104			
100	104	100		
52.9	78		41.0	61.4
55.3	103		44.7	67.1





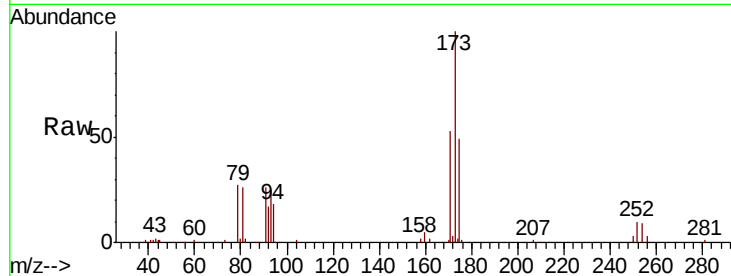
#71
Bromoform
Concen: 50.336 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations
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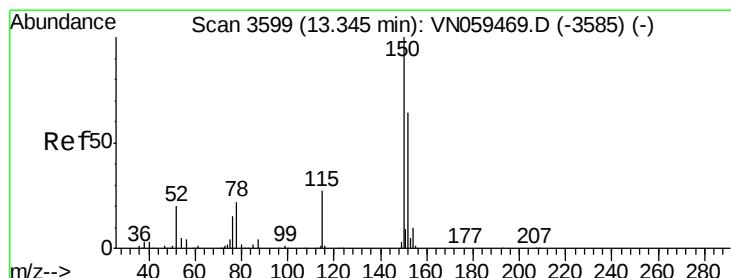
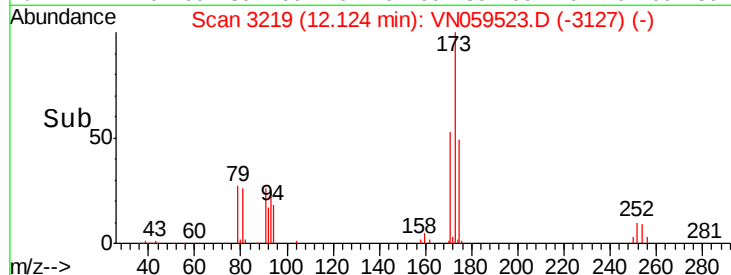
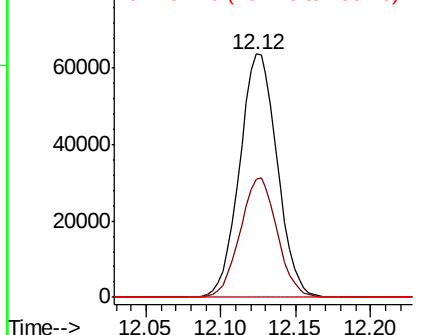


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

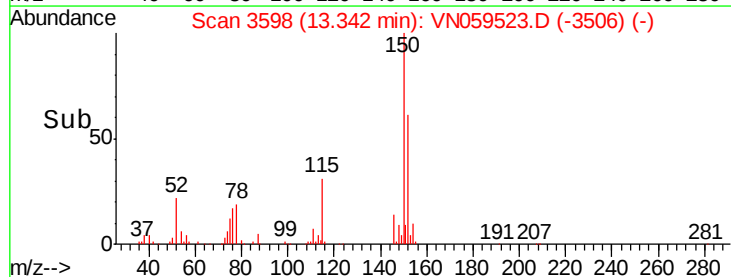
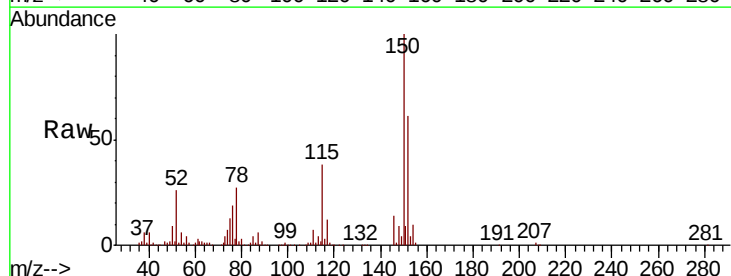
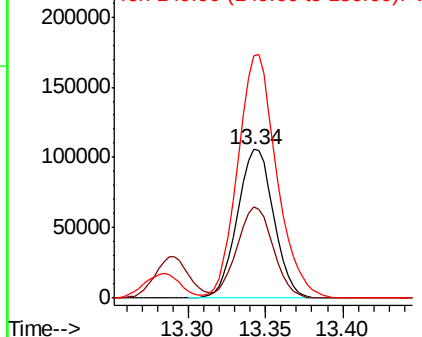
Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	29.2	87.6
150	175.4	0.0	352.8

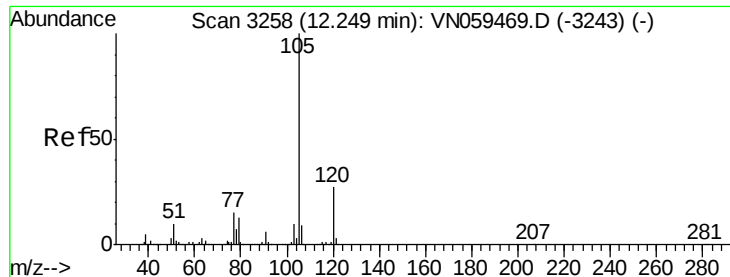
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.825 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 663629

Ion Ratio Lower Upper

105 100

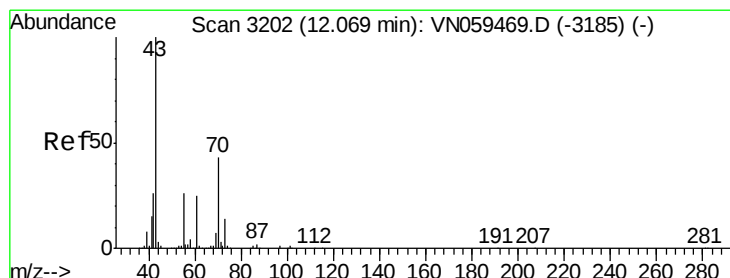
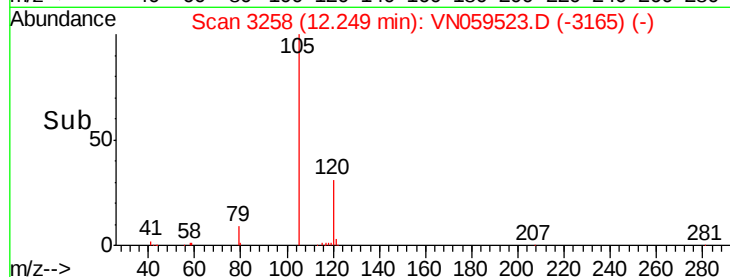
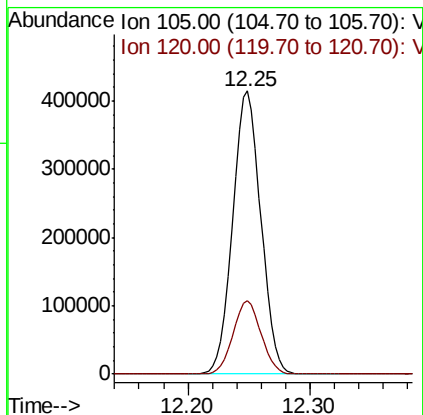
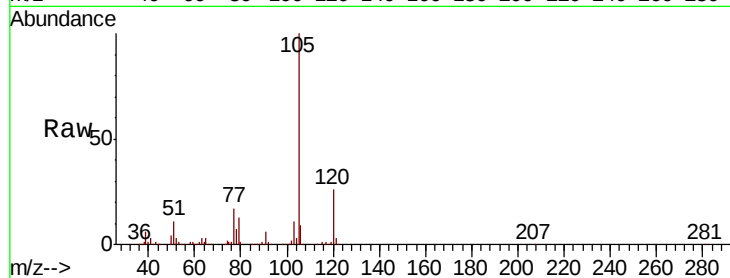
120 25.9 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.499 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Tgt Ion: 43 Resp: 304606

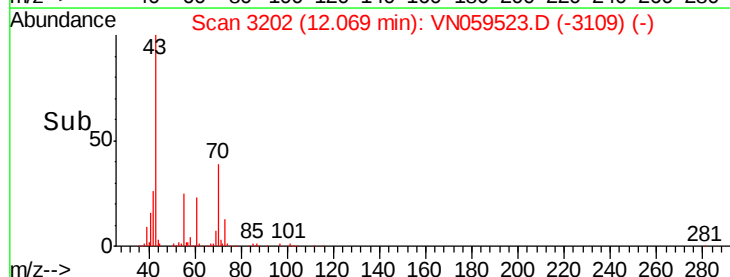
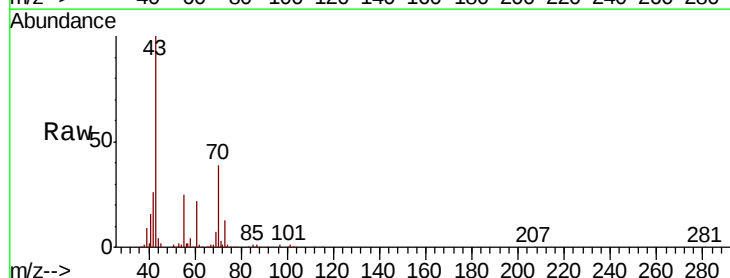
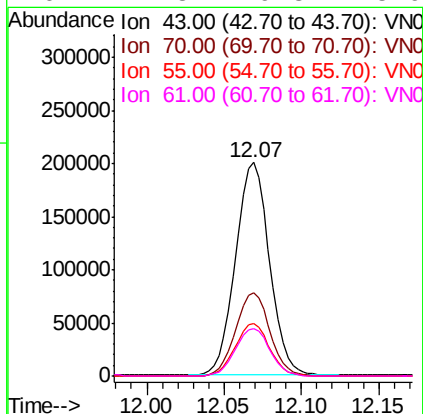
Ion Ratio Lower Upper

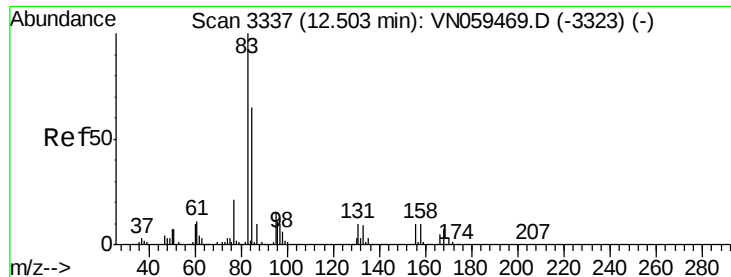
43 100

70 39.4 34.2 51.2

55 25.1 20.6 31.0

61 22.8 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.489 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

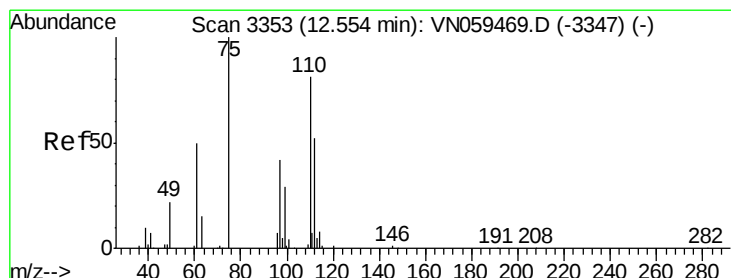
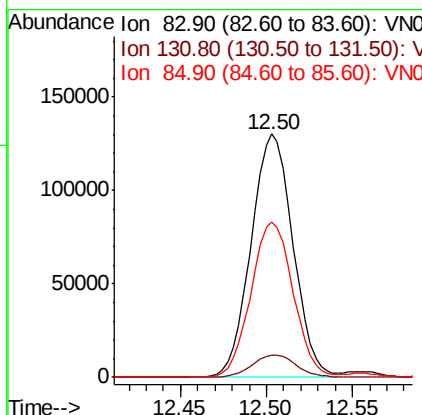
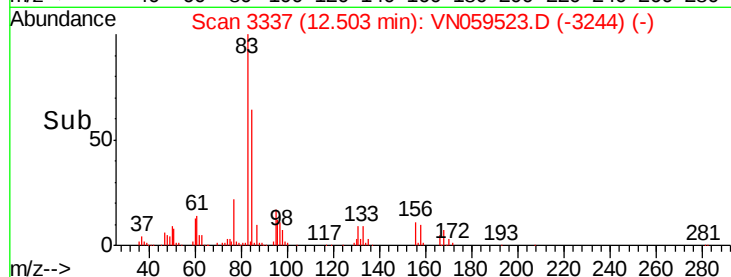
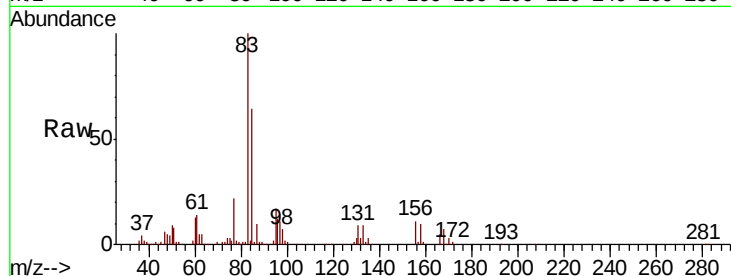
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	220275
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	64.3	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 48.758 ug/l m

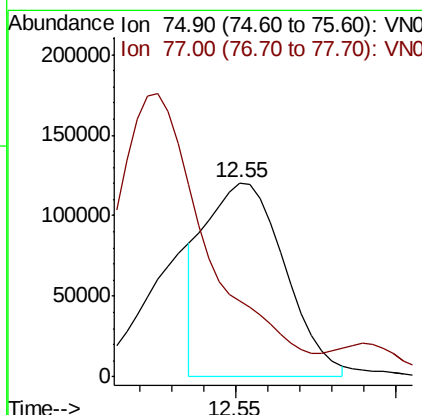
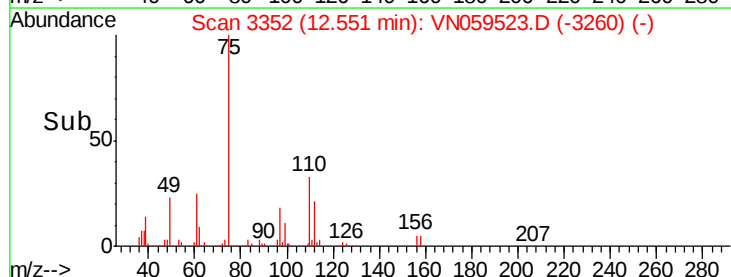
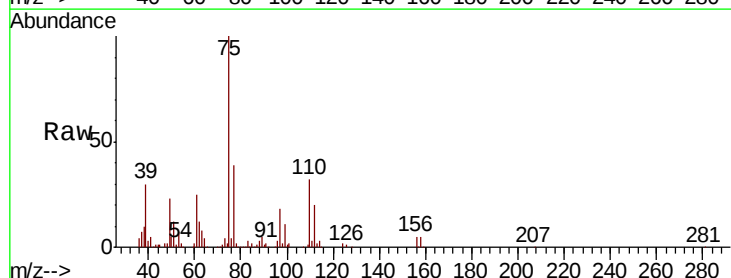
RT: 12.55 min Scan# 3352

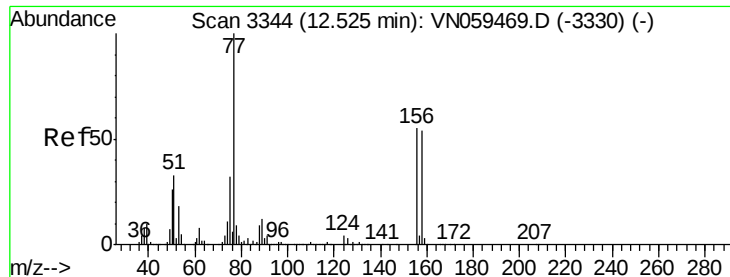
Delta R.T. -0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Tgt Ion:	75	Resp:	209762
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





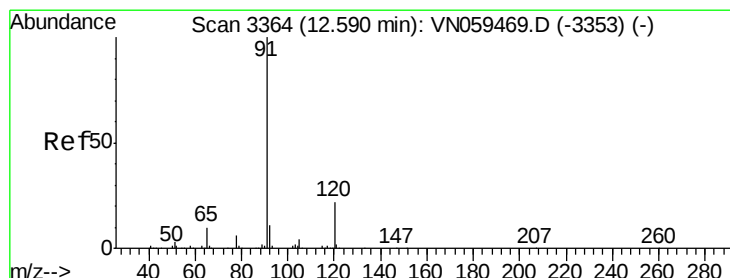
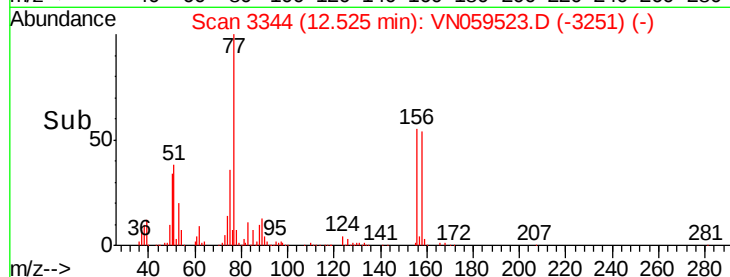
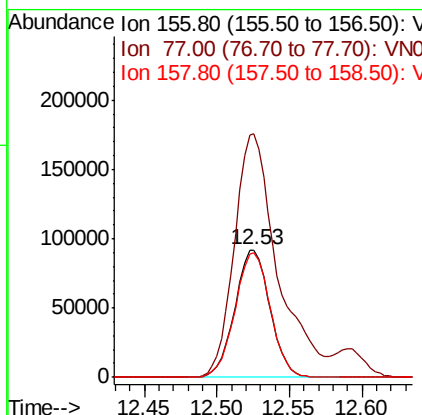
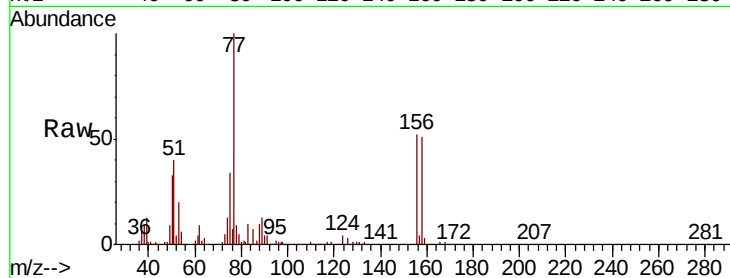
#77
Bromobenzene
Concen: 44.507 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	236.0	110.3	331.0
158	98.0	48.5	145.5

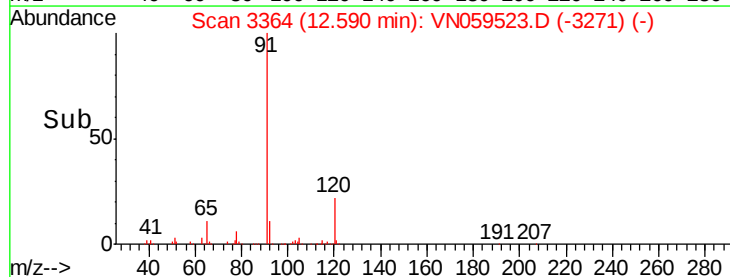
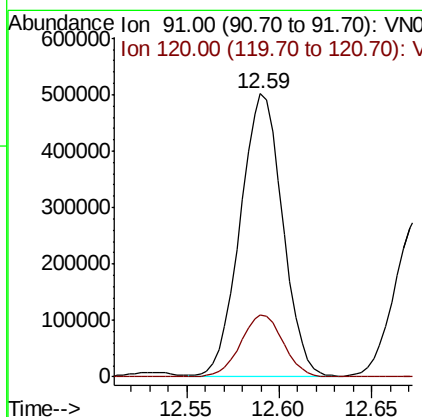
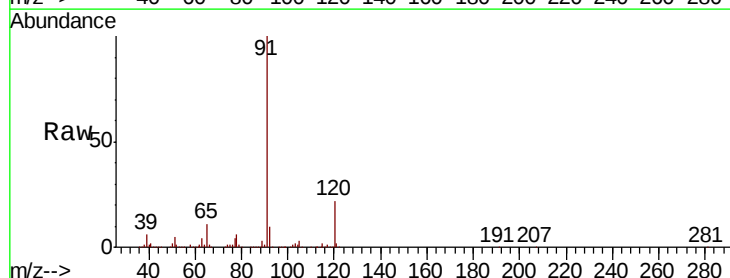
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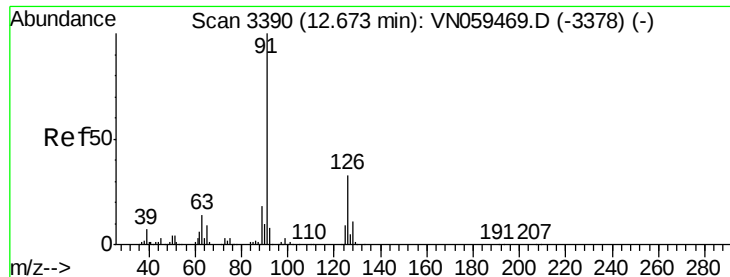
apatel
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#78
n-propylbenzene
Concen: 49.172 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.3	33.9





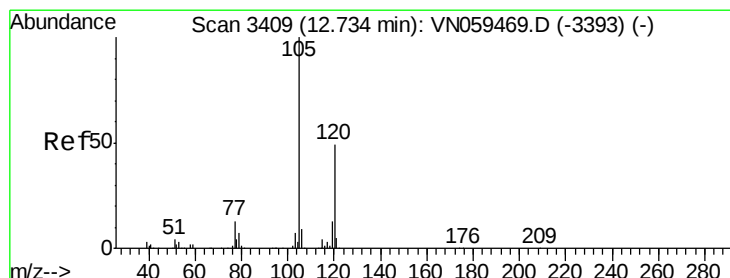
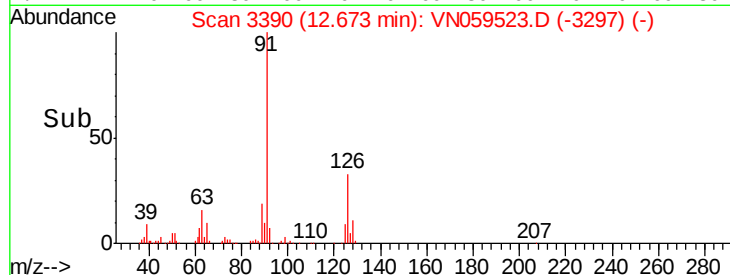
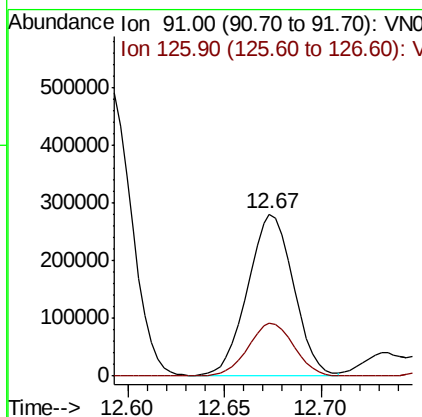
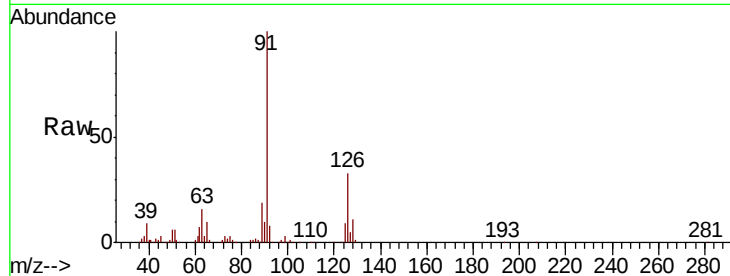
#79
 2-Chlorotoluene
 Concen: 47.472 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 462105
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.6 49.8

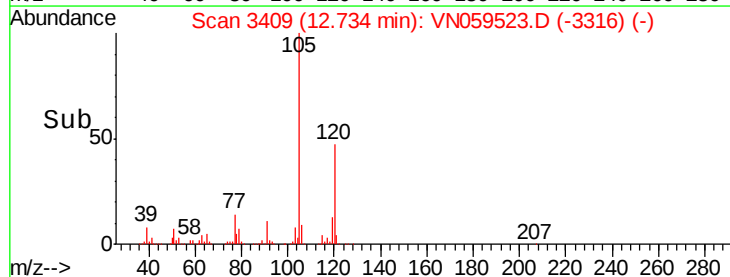
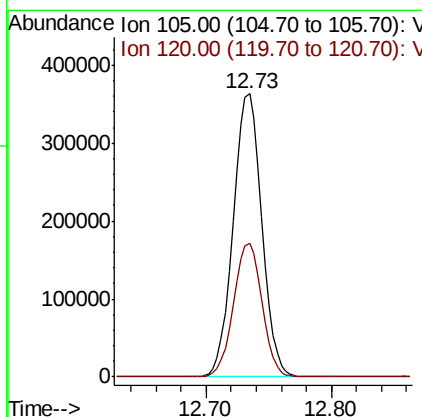
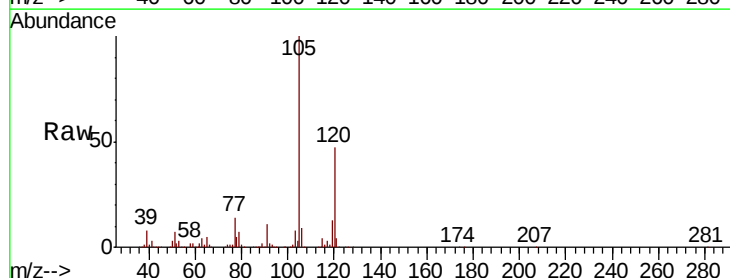
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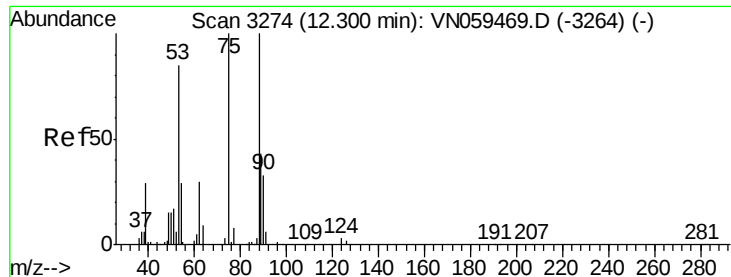
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.474 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Tgt Ion: 105 Resp: 573702
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.3 73.0





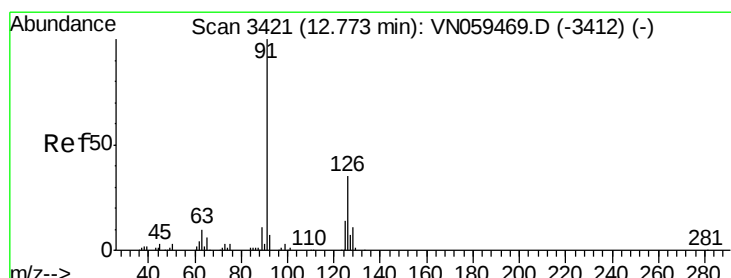
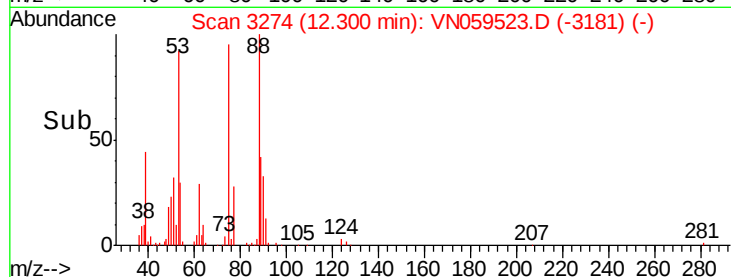
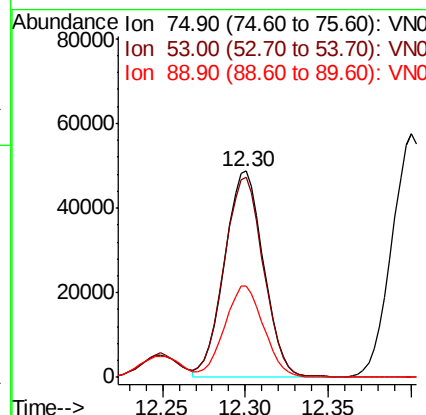
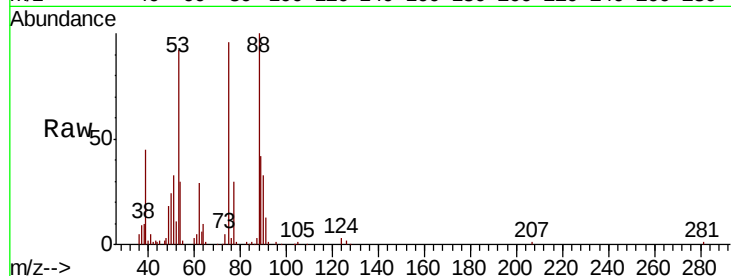
#81
trans-1,4-Dichloro-2-butene
Concen: 48.807 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	69.8	104.6
89	43.9	35.2	52.8

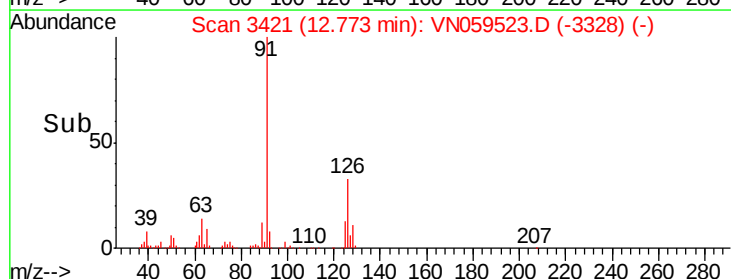
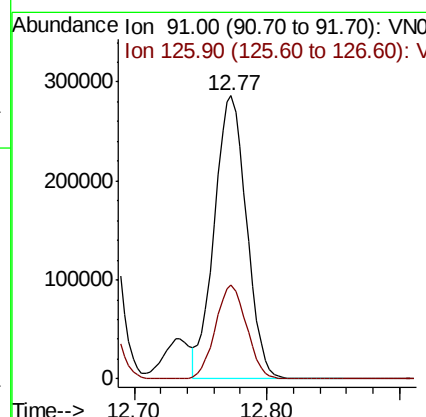
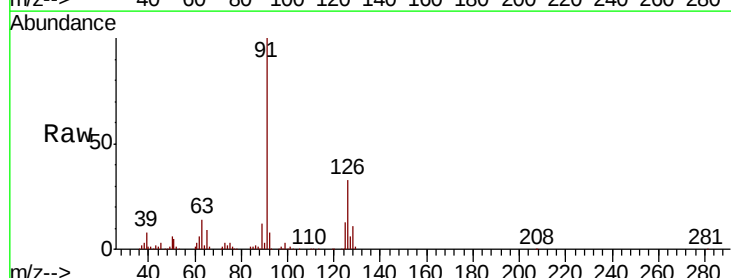
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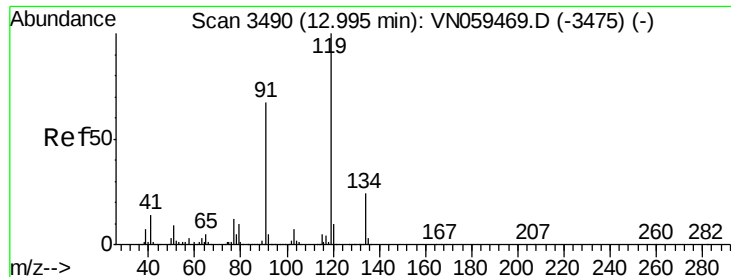
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#82
4-Chlorotoluene
Concen: 47.919 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.2





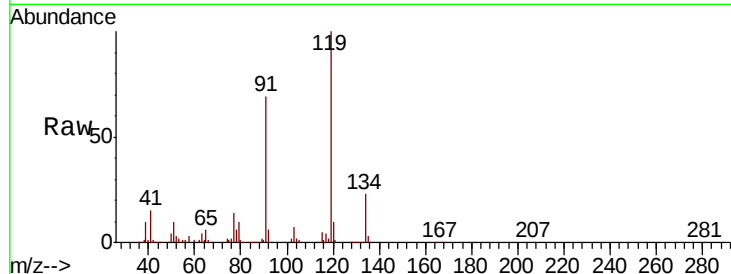
#83
tert-Butylbenzene
Concen: 47.714 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

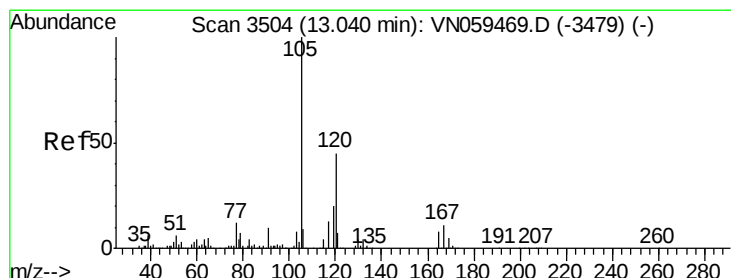
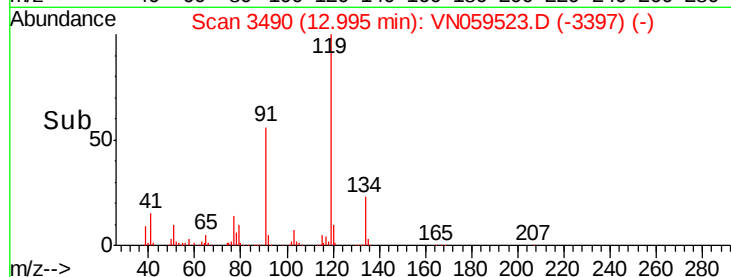
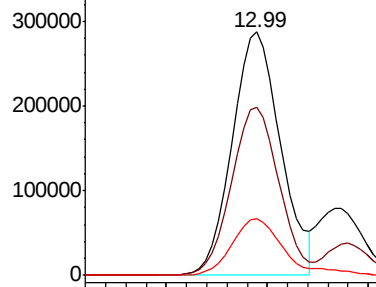
Tot Ion	Ratio	Resp	Lower	Upper
119	100	480360		
91	67.6	32.6	97.7	
134	24.9	12.6	37.6	

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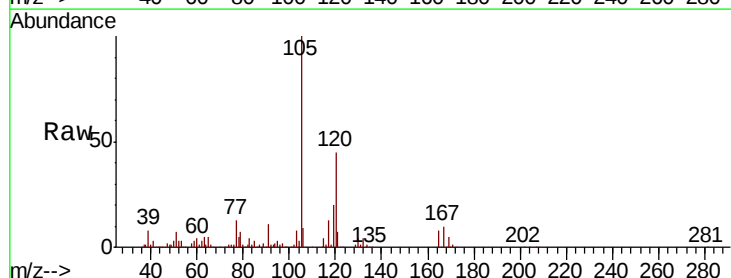


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

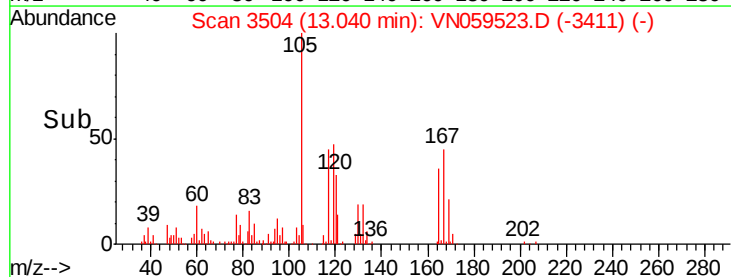
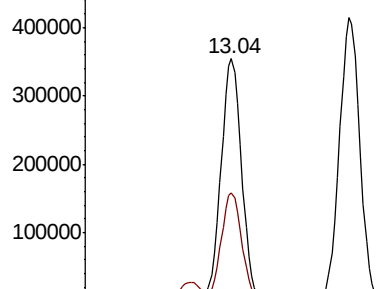


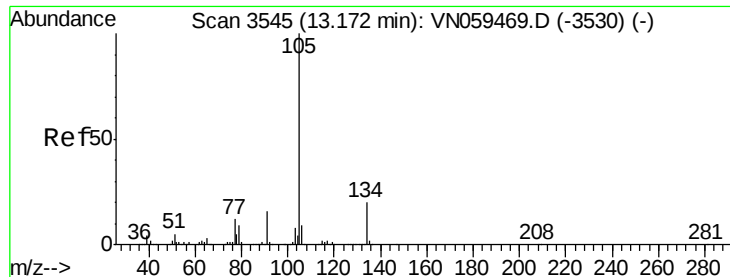
#84
1,2,4-Trimethylbenzene
Concen: 50.313 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	570183		
120	44.6	22.6	67.8	



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.233 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 656916

Ion Ratio Lower Upper

105 100

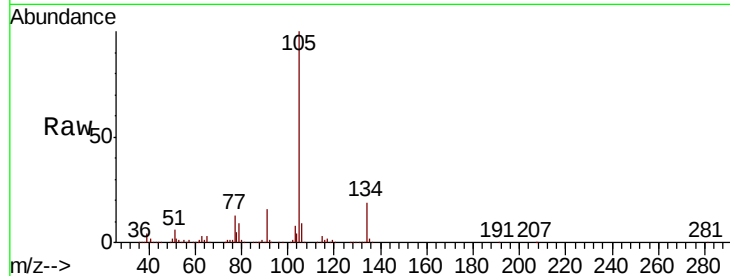
134 19.3 9.8 29.5

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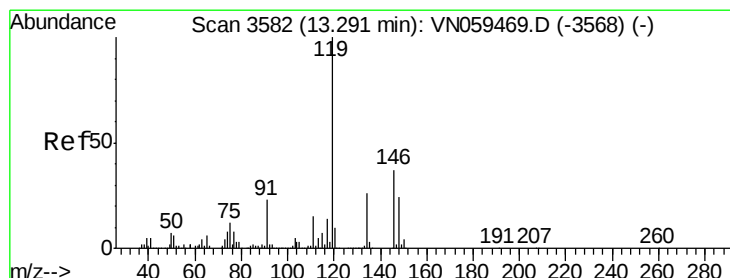
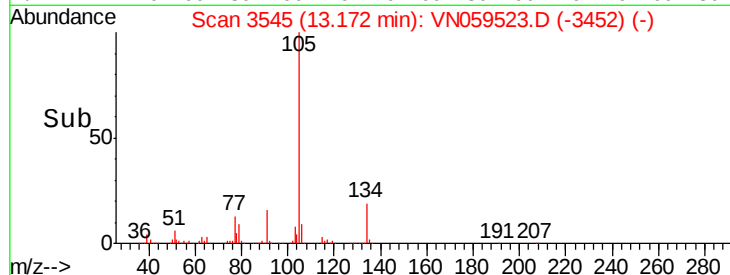
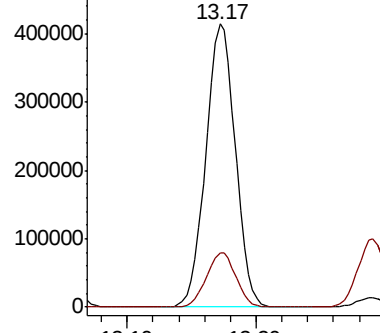
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.289 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN059523.D

Acq: 6 Dec 2019 18:11

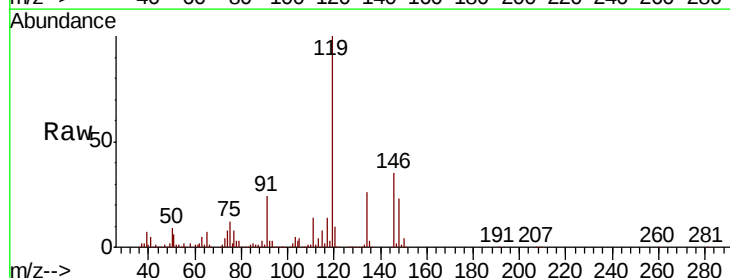
Tgt Ion:119 Resp: 589344

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

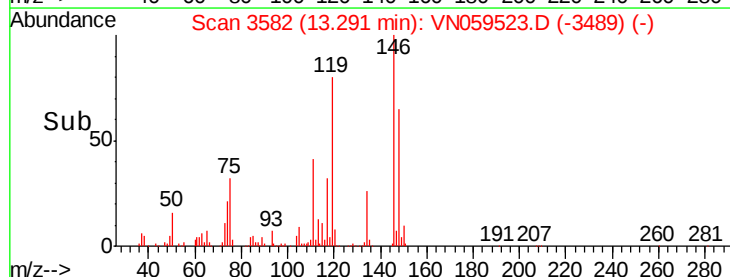
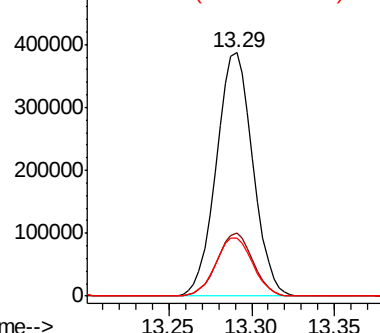
91 24.3 11.7 35.1

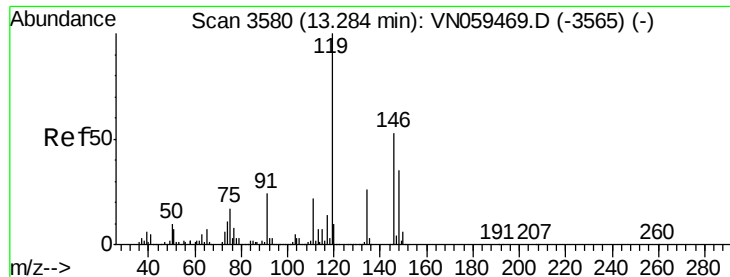


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





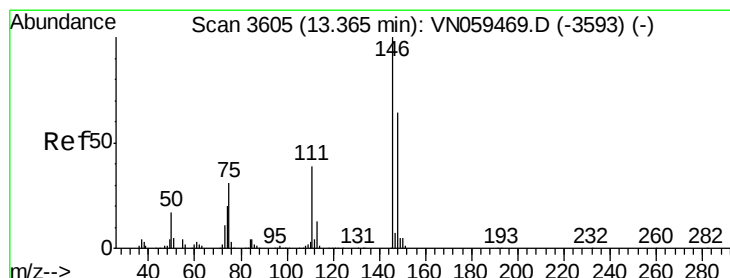
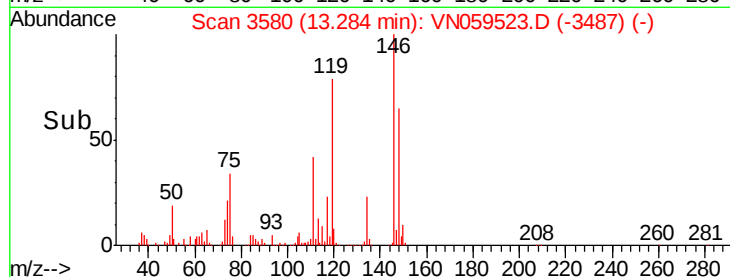
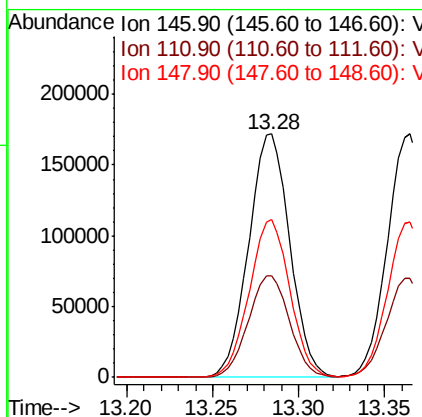
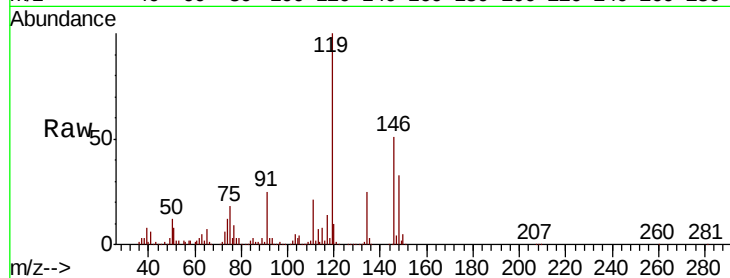
#87
 1,3-Dichlorobenzene
 Concen: 46.636 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	285118		
111	42.0	20.4	61.3	
148	64.0	32.1	96.5	

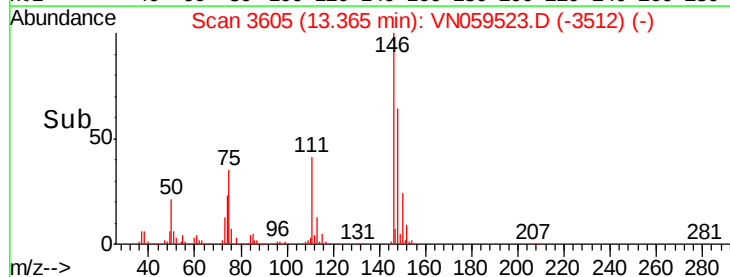
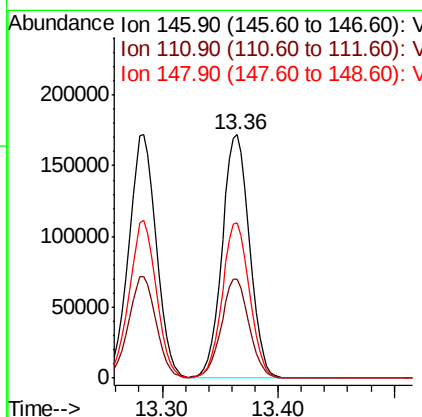
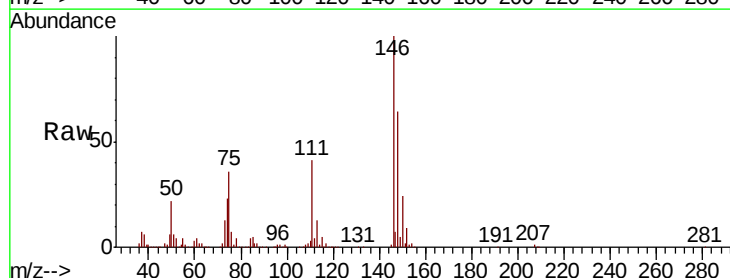
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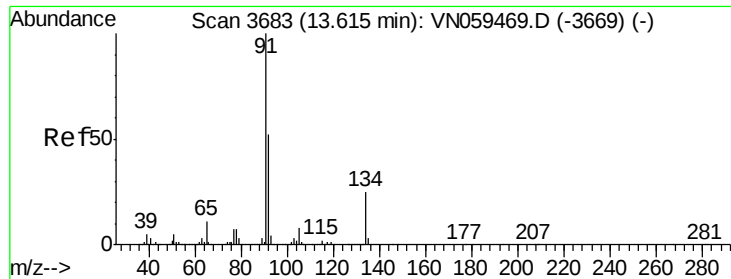
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#88
 1,4-Dichlorobenzene
 Concen: 45.741 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	282029		
111	40.8	19.8	59.3	
148	63.5	32.0	96.0	





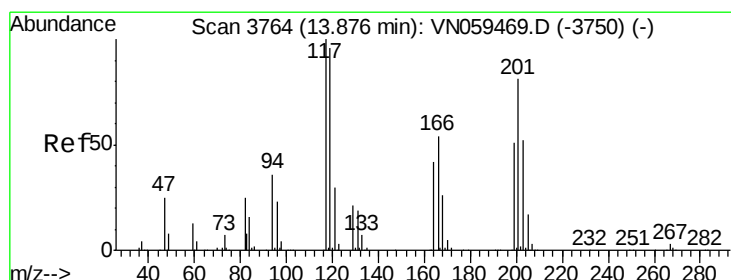
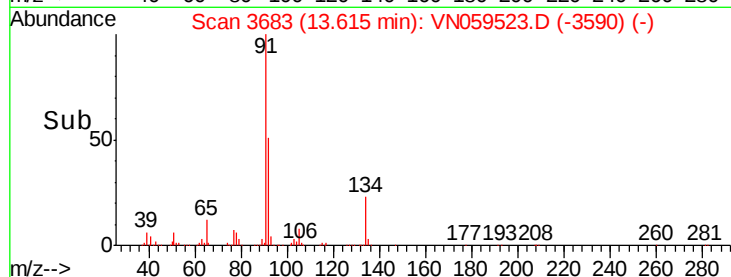
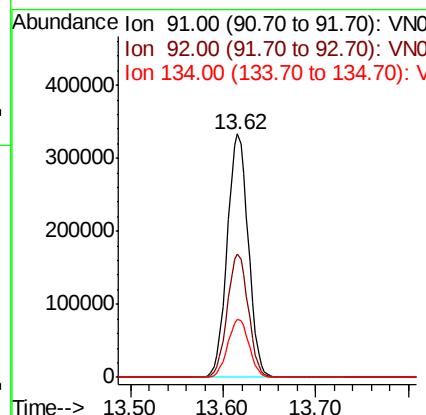
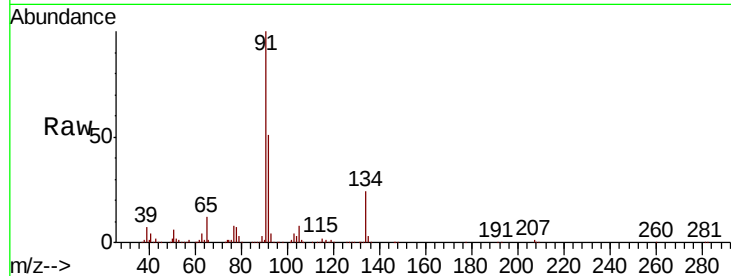
#89
n-Butylbenzene
Concen: 48.905 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.9	77.8
134	24.2	12.6	37.6

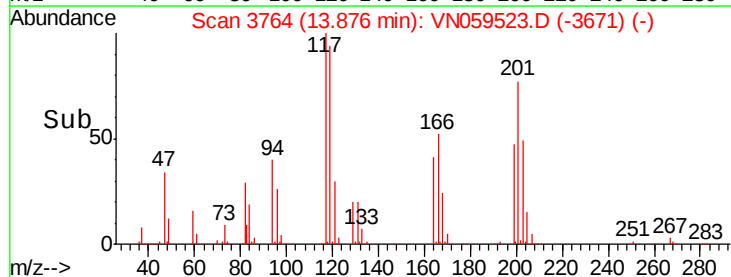
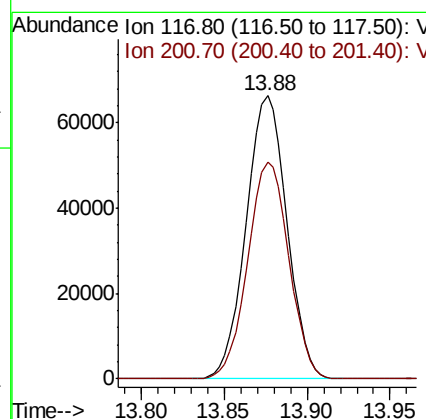
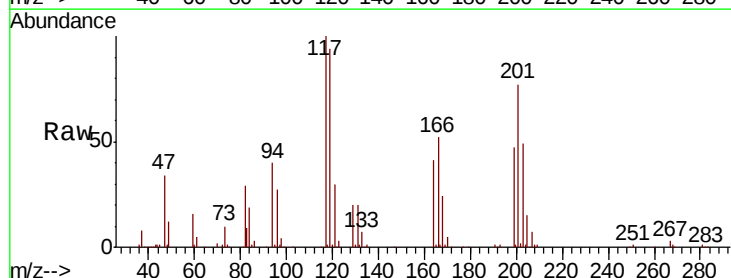
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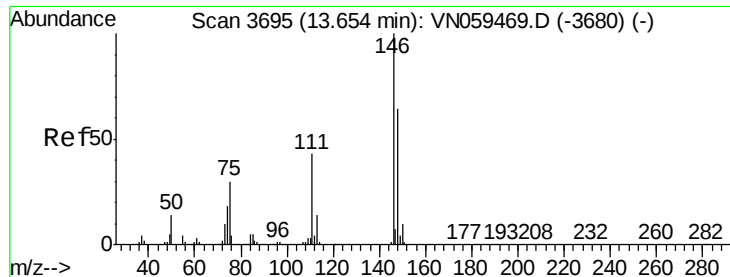
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#90
Hexachloroethane
Concen: 49.204 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	40.6	122.0





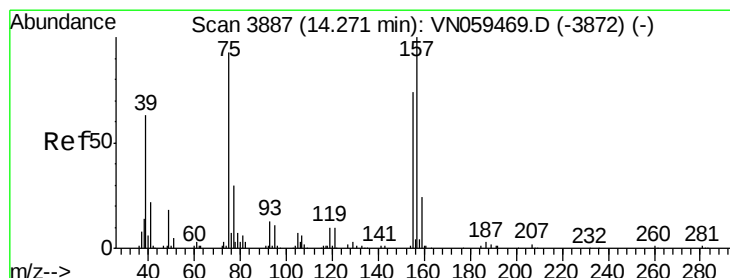
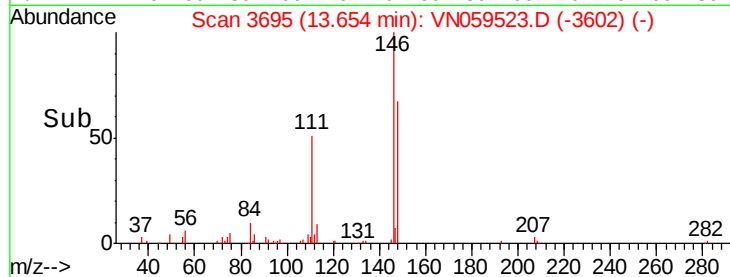
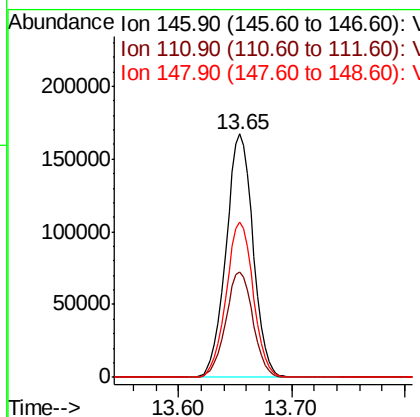
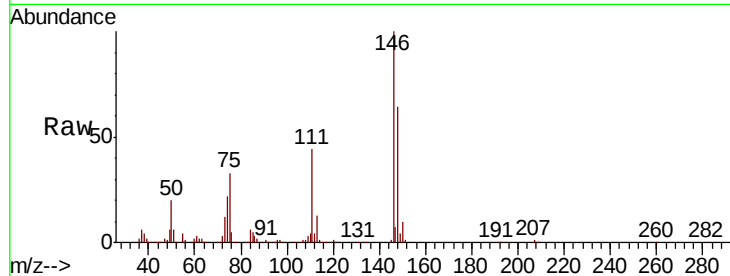
#91
 1,2-Dichlorobenzene
 Concen: 47.380 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	63.7
148	63.9	32.2	96.6

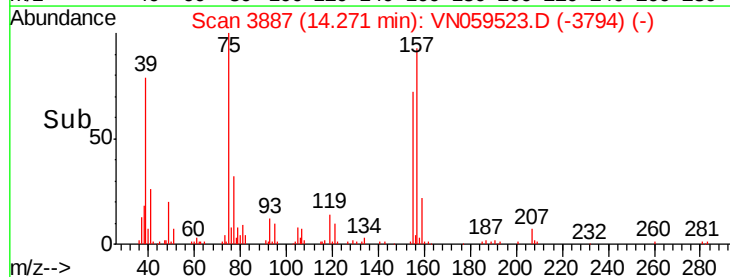
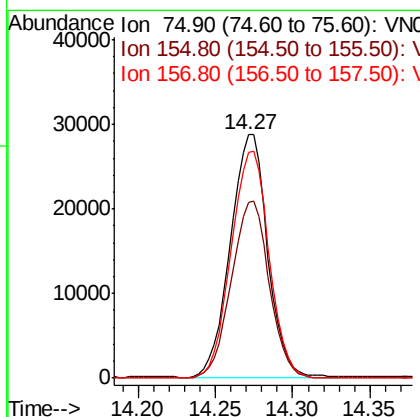
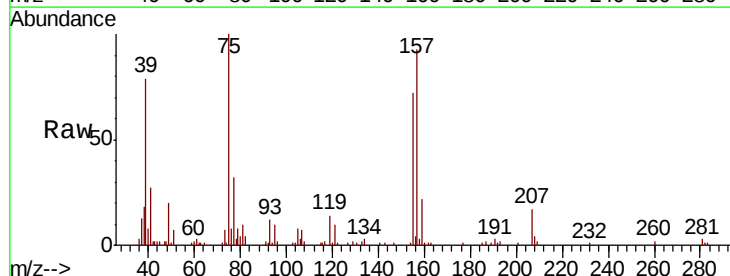
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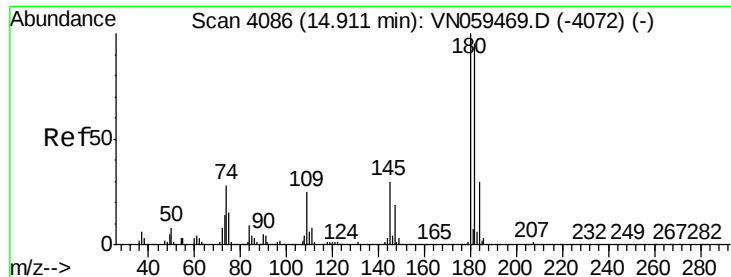
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.799 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.1	40.6	122.0
157	94.1	52.9	158.7





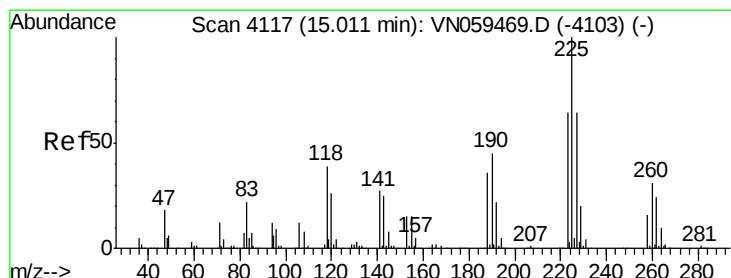
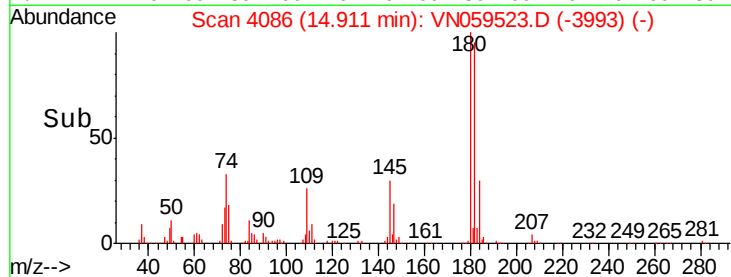
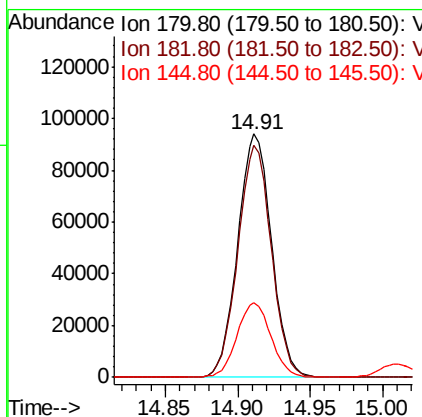
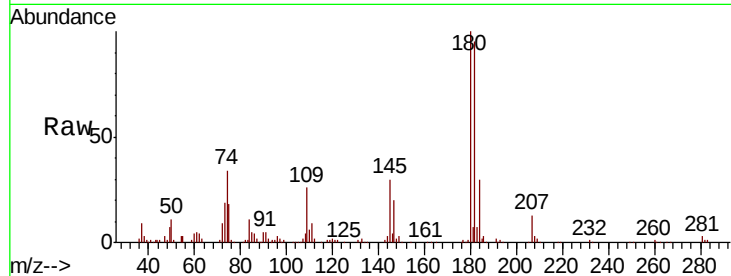
#93
 1,2,4-Trichlorobenzene
 Concen: 42.516 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	152119
Ion Ratio	Lower	Upper	
180	100		
182	94.3	48.0	144.2
145	30.8	15.2	45.6

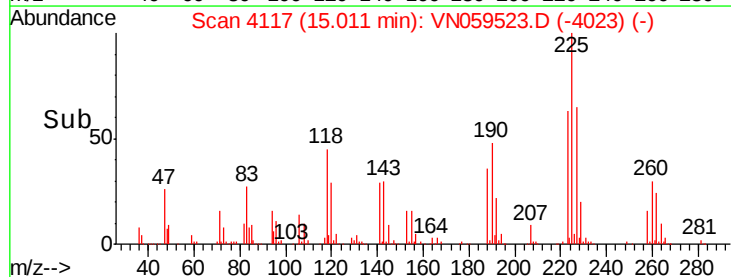
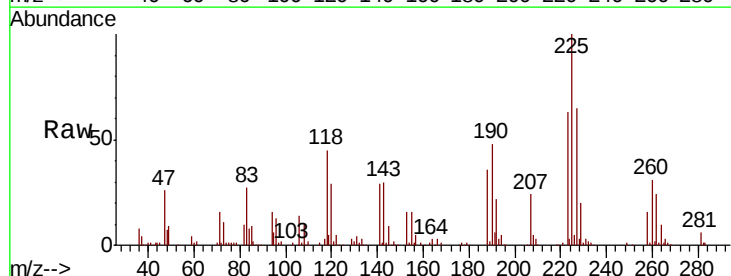
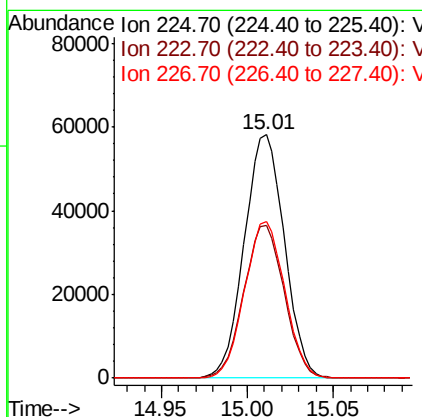
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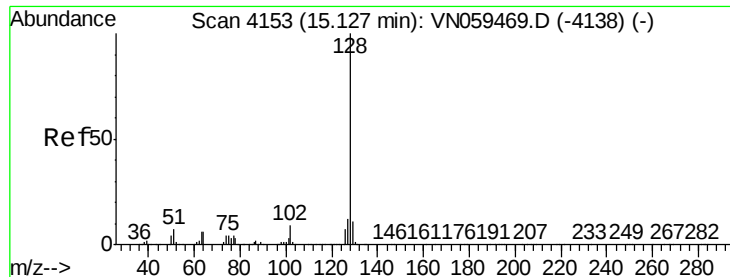
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#94
 Hexachlorobutadiene
 Concen: 46.589 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059523.D
 Acq: 6 Dec 2019 18:11

Tgt Ion:	225	Resp:	94482
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.9	95.5
227	64.1	32.0	96.2





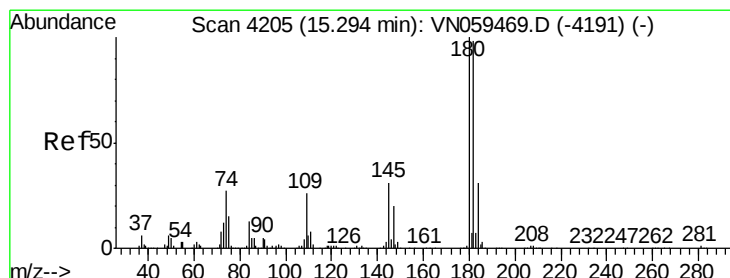
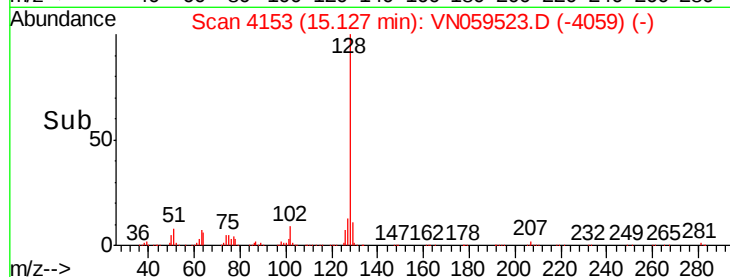
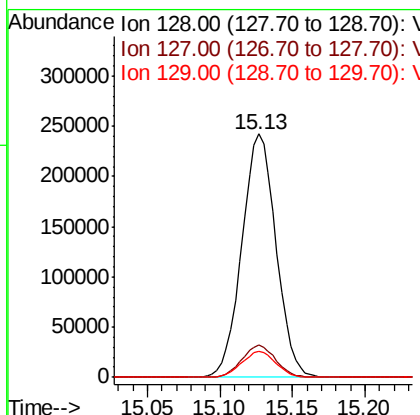
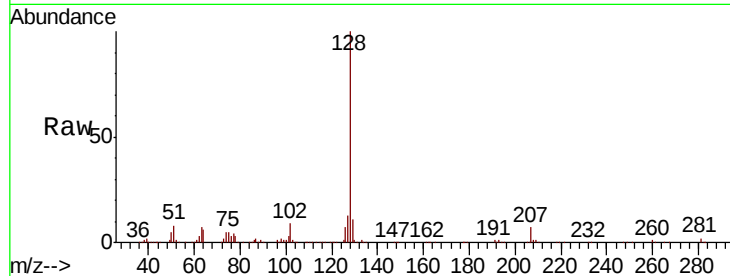
#95
Naphthalene
Concen: 40.731 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.7	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 41.693 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059523.D
Acq: 6 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.5	145.5
145	32.6	16.1	48.2

