

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120319\
 Data File : VN059469.D
 Acq On : 3 Dec 2019 14:25
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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apatel
 12/4/2019 9:22:06 AM

Quant Time: Dec 03 15:13:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 14:48:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	357165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	555020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	505909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	241961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	222688	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
35) Dibromofluoromethane	7.57	113	175619	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	10.08	98	707232	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.40	95	253384	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	190284	46.344	ug/l	100
3) Chloromethane	2.04	50	259017	50.443	ug/l	100
4) Vinyl Chloride	2.17	62	144588	31.521	ug/l	100
5) Bromomethane	2.54	94	88985	32.426	ug/l	100
6) Chloroethane	2.68	64	89092	34.276	ug/l	100
7) Trichlorofluoromethane	3.00	101	185405	33.536	ug/l	100
8) Diethyl Ether	3.39	74	122308	50.843	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	184753	50.908	ug/l	100
10) Methyl Iodide	3.93	142	252184	53.085	ug/l	100
11) Tert butyl alcohol	4.74	59	201454	271.357	ug/l	100
12) 1,1-Dichloroethene	3.71	96	182807	51.410	ug/l	100
13) Acrolein	3.58	56	186677	264.974	ug/l	100
14) Allyl chloride	4.30	41	355455	53.421	ug/l	100
15) Acrylonitrile	4.95	53	580871	280.631	ug/l	100
16) Acetone	3.79	43	612064	298.822	ug/l	100
17) Carbon Disulfide	4.03	76	595794	48.734	ug/l	100
18) Methyl Acetate	4.29	43	293019	52.696	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	630843	54.428	ug/l	100
20) Methylene Chloride	4.52	84	213893	52.145	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	201008	51.743	ug/l	100
22) Diisopropyl ether	5.92	45	688772	55.470	ug/l	100
23) Vinyl Acetate	5.86	43	2891751	287.221	ug/l	100
24) 1,1-Dichloroethane	5.82	63	385467	54.087	ug/l	100
25) 2-Butanone	6.81	43	820811	290.637	ug/l	100
26) 2,2-Dichloropropane	6.80	77	328873	54.150	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	226120	53.050	ug/l	100
28) Bromochloromethane	7.17	49	151781	62.464	ug/l	100
29) Tetrahydrofuran	7.18	42	528692	281.493	ug/l	100
30) Chloroform	7.35	83	363702	50.777	ug/l	100
31) Cyclohexane	7.63	56	362817	50.800	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	317009	54.072	ug/l	100
36) 1,1-Dichloropropene	7.77	75	290209	53.769	ug/l	100
37) Ethyl Acetate	6.90	43	325332	55.903	ug/l	100
38) Carbon Tetrachloride	7.75	117	282891	55.254	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	358127	55.422	ug/l	100
40) Benzene	8.02	78	864404	53.859	ug/l	100
41) Methacrylonitrile	7.15	41	137754m	50.989	ug/l	
42) 1,2-Dichloroethane	8.10	62	288112	56.187	ug/l	100
43) Isopropyl Acetate	8.15	43	500805	56.911	ug/l	100
44) Trichloroethene	8.82	130	220668	54.024	ug/l	100
45) 1,2-Dichloropropane	9.10	63	229987	54.766	ug/l	100
46) Dibromomethane	9.19	93	142304	54.822	ug/l	100
47) Bromodichloromethane	9.39	83	287468	54.740	ug/l	100
48) Methyl methacrylate	9.18	41	224631	57.393	ug/l	100
49) 1,4-Dioxane	9.18	88	66057	1189.726	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	1547000	300.819	ug/l	100
52) Toluene	10.15	92	529393	55.148	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	339717	56.237	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	365563	56.273	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	208079	55.152	ug/l	100
56) Ethyl methacrylate	10.42	69	323658	58.747	ug/l	100
57) 1,3-Dichloropropane	10.70	76	355897	54.780	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	522437	328.895	ug/l	100
59) 2-Hexanone	10.74	43	1175976	307.589	ug/l	100
60) Dibromochloromethane	10.90	129	222106	56.616	ug/l	100
61) 1,2-Dibromoethane	11.00	107	216345	55.963	ug/l	100
64) Tetrachloroethene	10.63	164	207529	54.728	ug/l	100
65) Chlorobenzene	11.43	112	551550	53.264	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	203304	54.075	ug/l	100
67) Ethyl Benzene	11.51	91	1011997	55.492	ug/l	100
68) m/p-Xylenes	11.62	106	765162	112.114	ug/l	100
69) o-Xylene	11.95	106	360010	55.231	ug/l	100
70) Styrene	11.96	104	584157	57.148	ug/l	100
71) Bromoform	12.13	173	162717	56.557	ug/l #	100
73) Isopropylbenzene	12.25	105	974099	53.674	ug/l	100
74) N-amyl acetate	12.07	43	409563	59.096	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	312397	52.447	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	277367m	49.327	ug/l	
77) Bromobenzene	12.53	156	234328	52.759	ug/l	100
78) n-propylbenzene	12.59	91	1154426	55.063	ug/l	100
79) 2-Chlorotoluene	12.67	91	670683	53.558	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	825505	54.108	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	116211	53.349	ug/l	100
82) 4-Chlorotoluene	12.77	91	694058	53.805	ug/l	100
83) tert-Butylbenzene	12.99	119	703566	53.549	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	820442	54.872	ug/l	100
85) sec-Butylbenzene	13.17	105	954006	54.751	ug/l	100
86) p-Isopropyltoluene	13.29	119	858509	54.548	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	415844	52.860	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	415394	52.523	ug/l	100
89) n-Butylbenzene	13.62	91	758335	55.036	ug/l	100
90) Hexachloroethane	13.88	117	157606	52.280	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	403881	52.392	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	62163	45.949	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 14:48:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	229862	48.433	ug/l	100
94) Hexachlorobutadiene	15.01	225	146678	49.937	ug/l	100
95) Naphthalene	15.13	128	606387	44.842	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	224323	44.420	ug/l	100

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

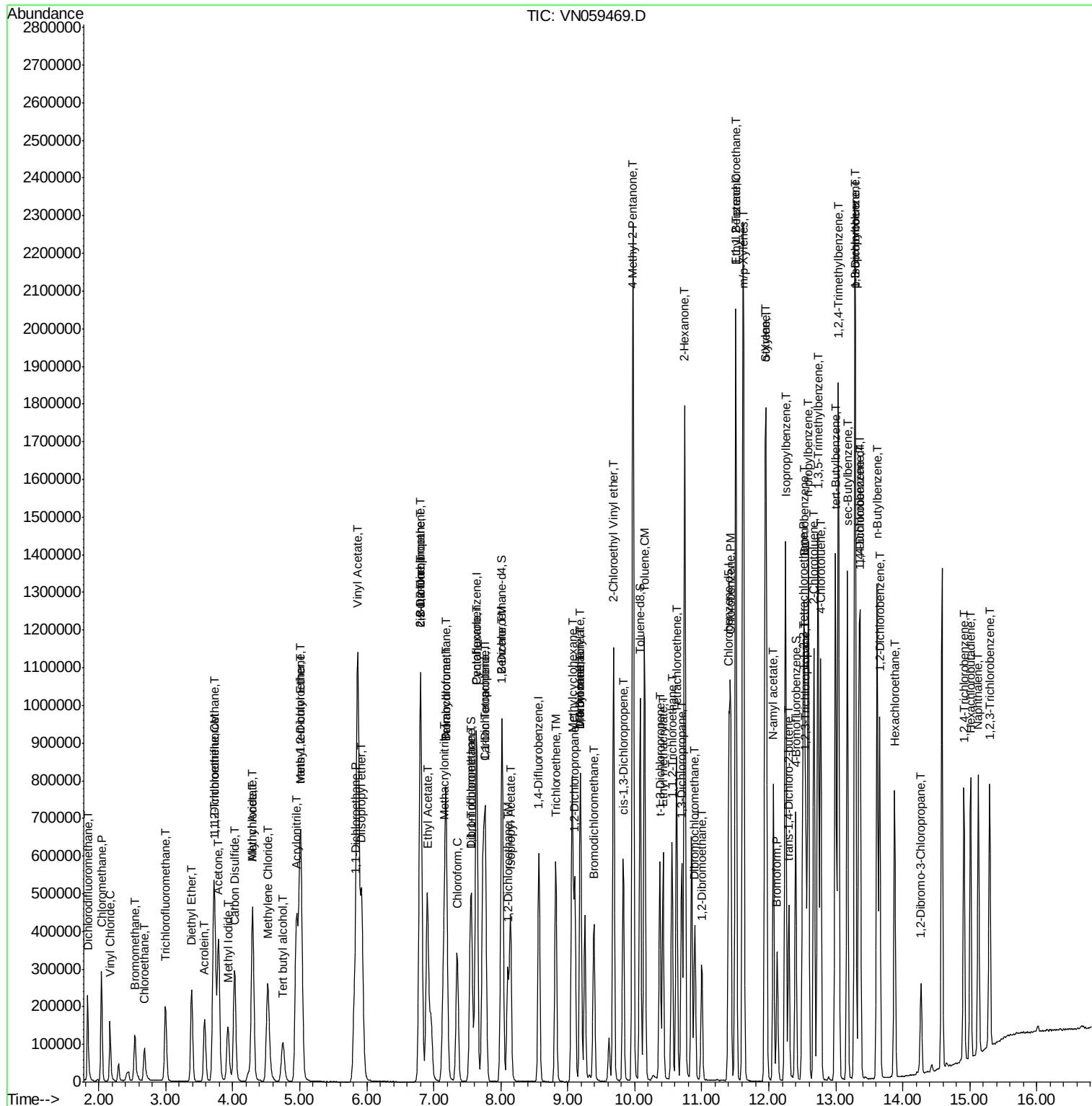
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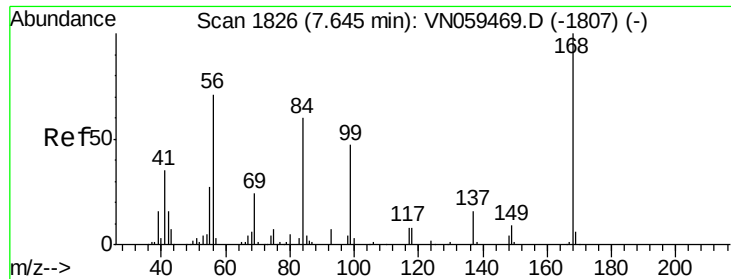
Instrument :
MSVOA_N
ClientSampleId :
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 357165

Ion Ratio Lower Upper

168 100

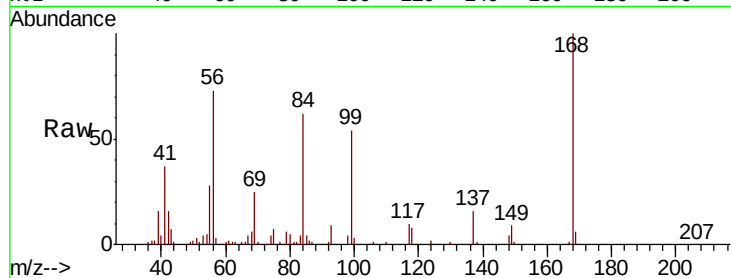
99 54.3 43.4 65.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

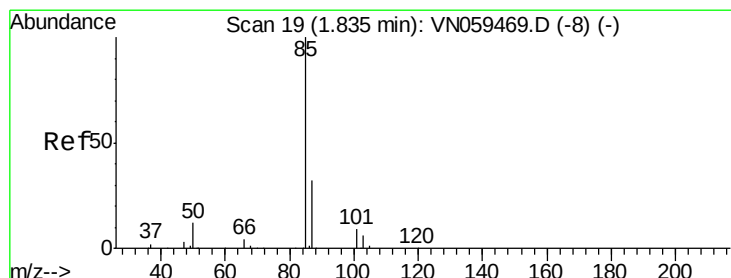
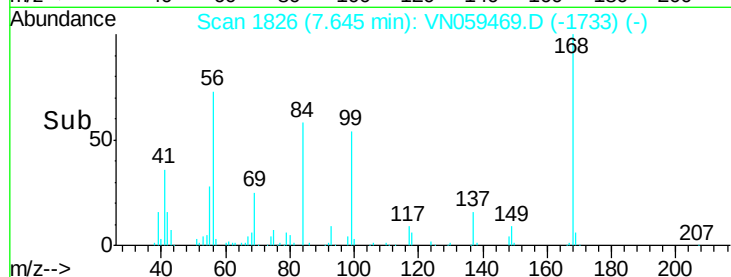
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.344 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059469.D

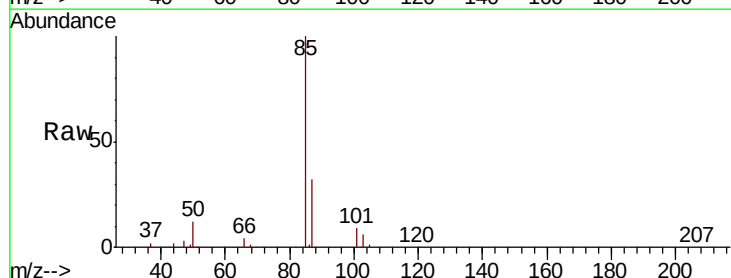
Acq: 3 Dec 2019 14:25

Tgt Ion: 85 Resp: 190284

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

150000

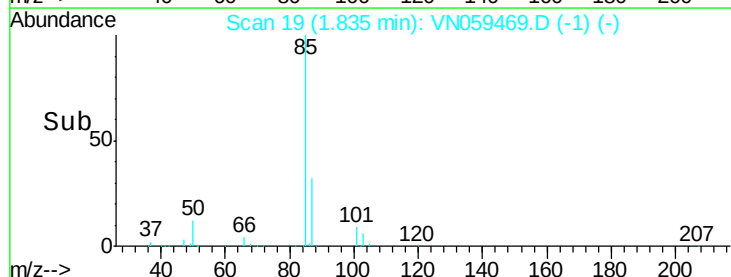
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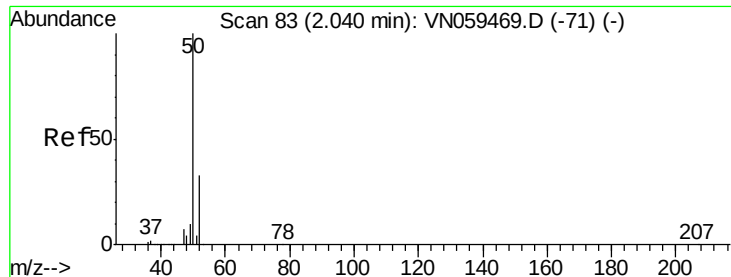
50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 50.443 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 259017

Ion Ratio Lower Upper

50 100

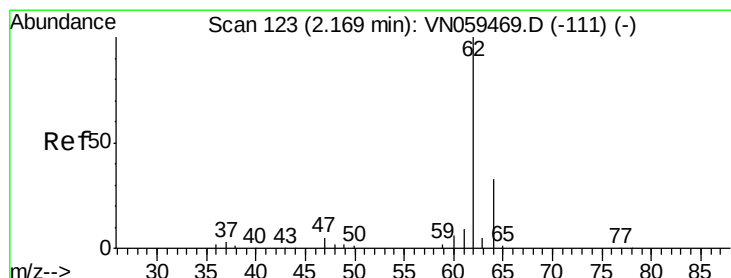
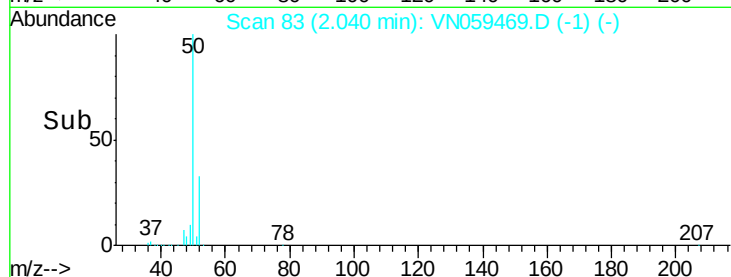
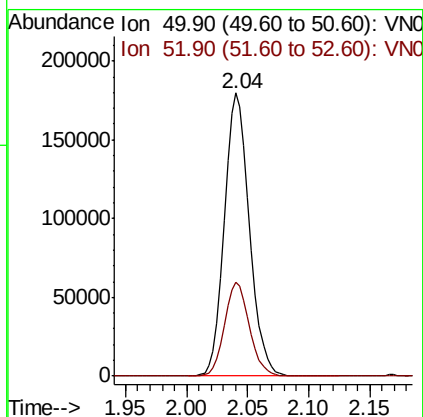
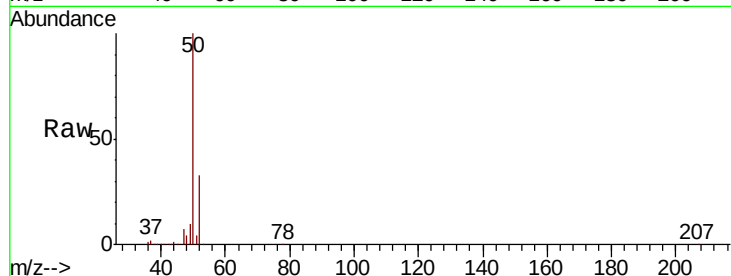
52 33.1 26.5 39.7

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#4

Vinyl Chloride

Concen: 31.521 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059469.D

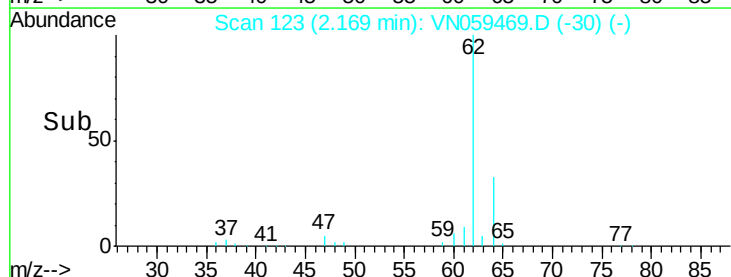
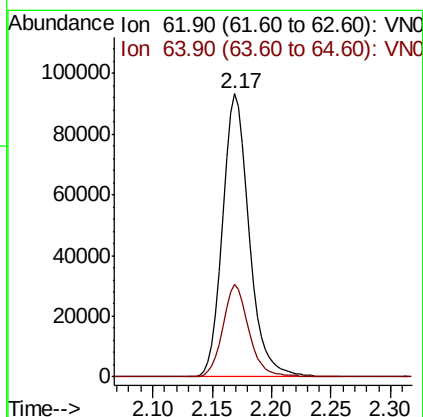
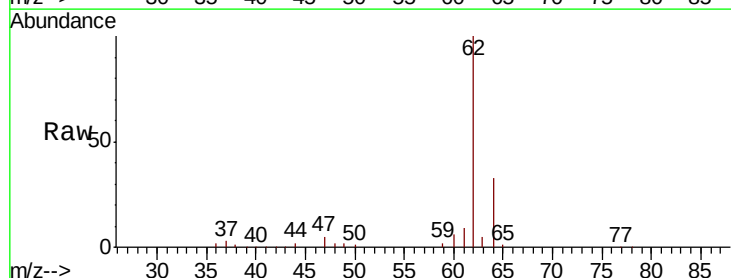
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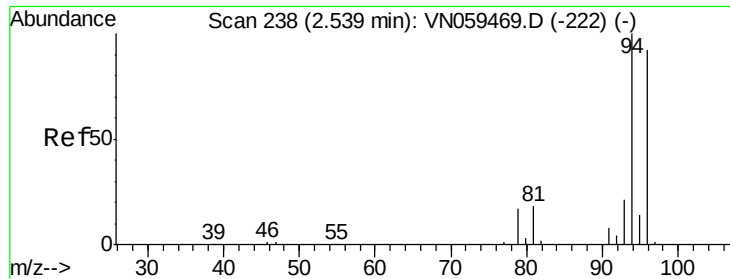
Tgt Ion: 62 Resp: 144588

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 32.426 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 88985

Ion Ratio Lower Upper

94 100

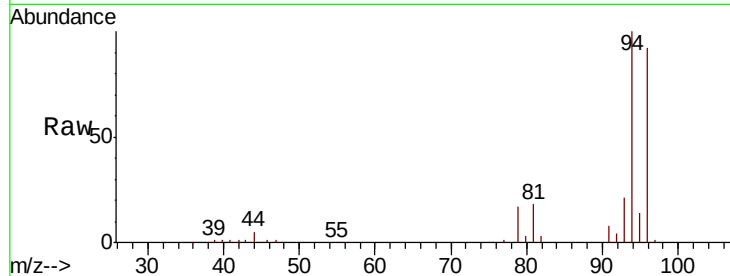
96 91.9 73.5 110.3

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

40000

30000

20000

10000

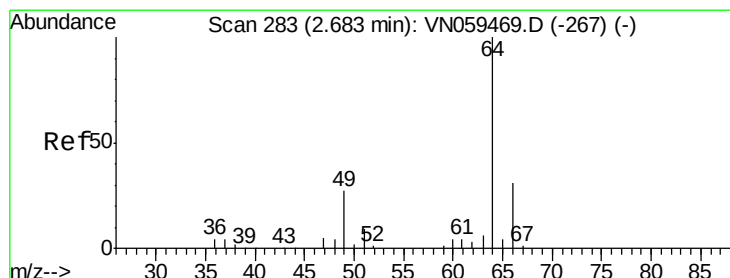
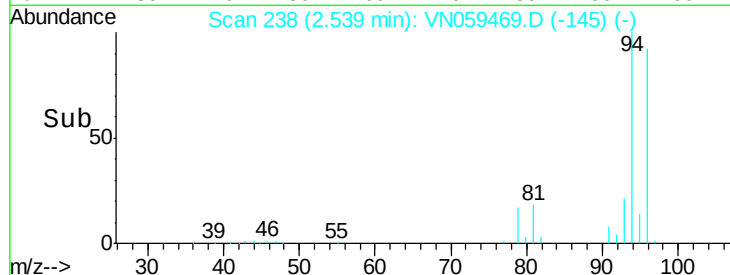
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Time-->

2.50

2.60

2.70



#6

Chloroethane

Concen: 34.276 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059469.D

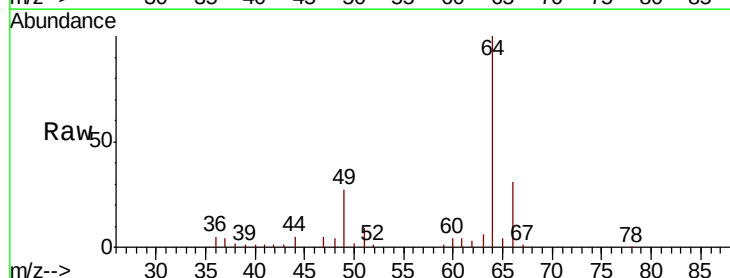
Acq: 3 Dec 2019 14:25

Tgt Ion: 64 Resp: 89092

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

40000

30000

20000

10000

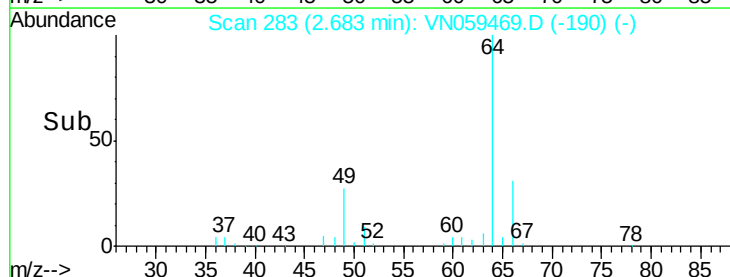
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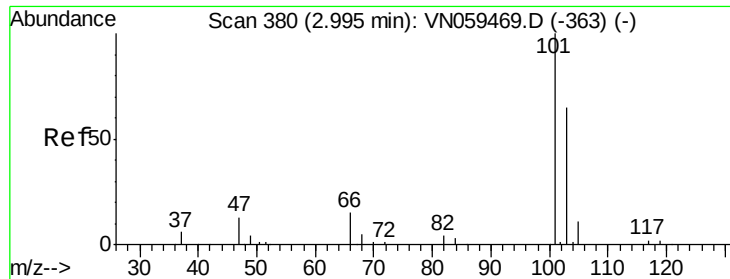
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2.60

2.70

2.80





#7

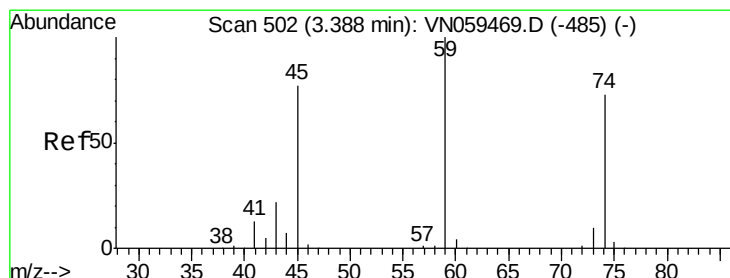
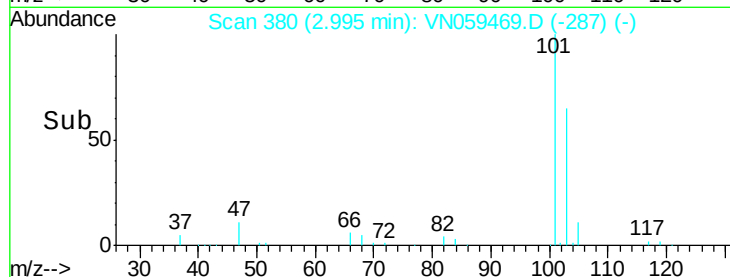
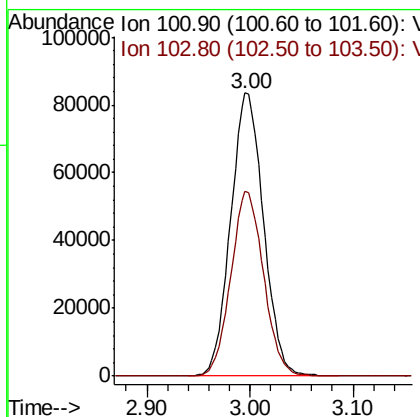
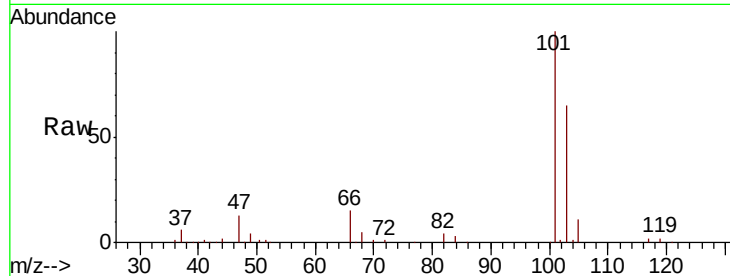
Trichlorofluoromethane
 Concen: 33.536 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Instrument :
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 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.4	78.6

Manual Integrations
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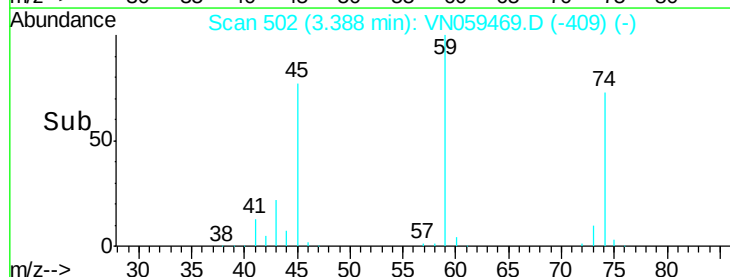
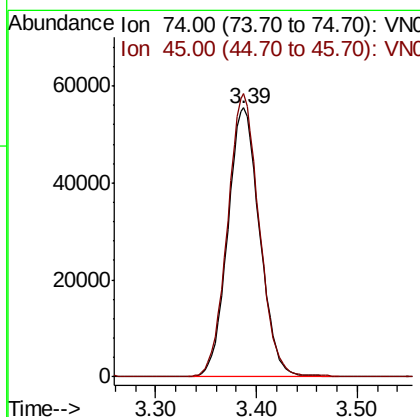
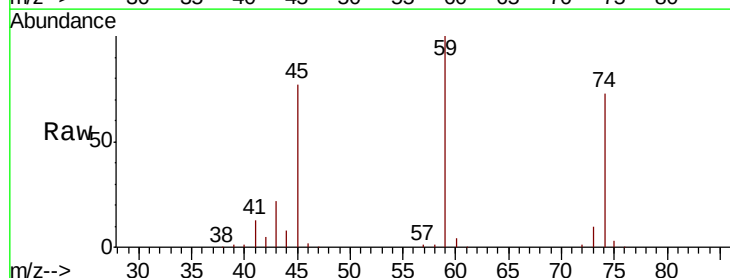
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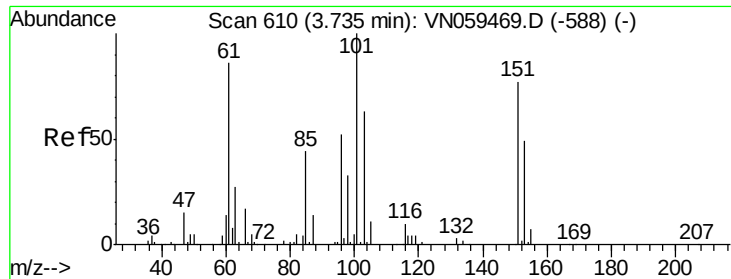


#8

Diethyl Ether
 Concen: 50.843 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.7	52.3	157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.908 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059469.D

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MSVOA_N

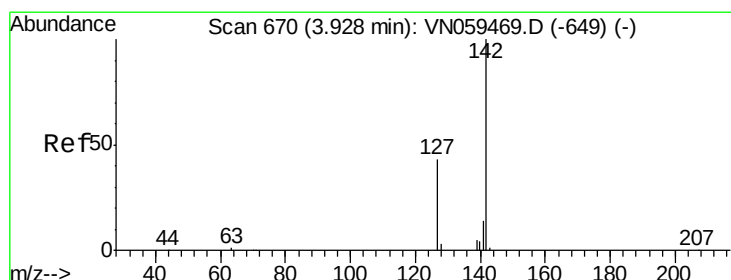
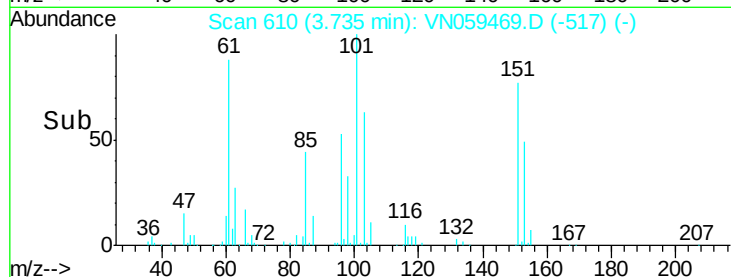
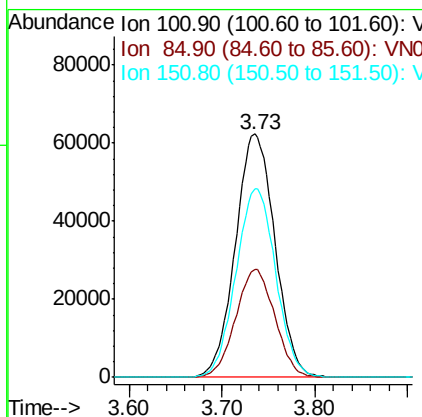
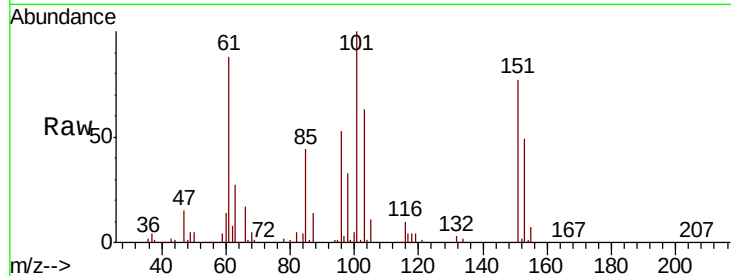
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	184753
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.2	52.8
151	78.0	62.4	93.6

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#10

Methyl Iodide

Concen: 53.085 ug/l

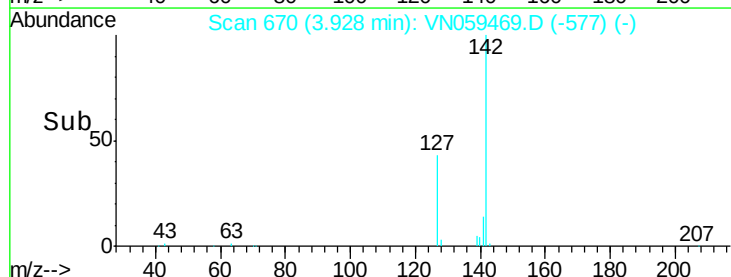
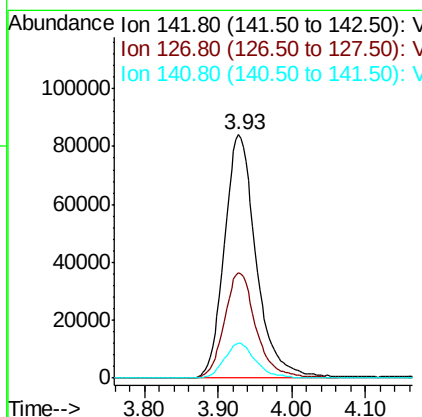
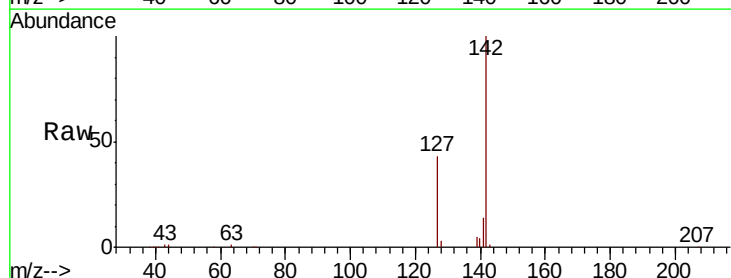
RT: 3.93 min Scan# 670

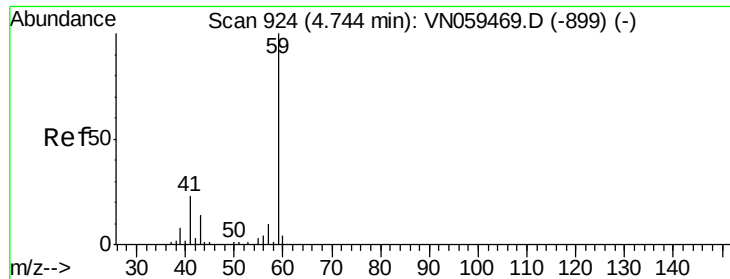
Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Tgt Ion:	142	Resp:	252184
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.6	52.0
141	14.2	11.4	17.0





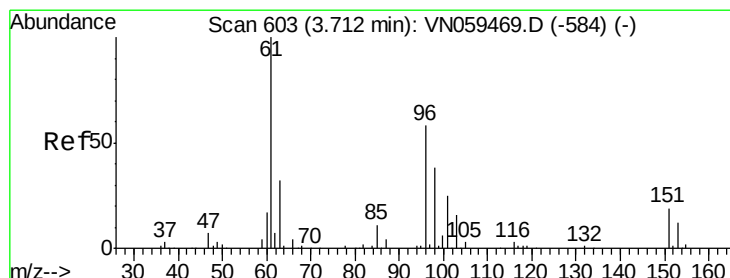
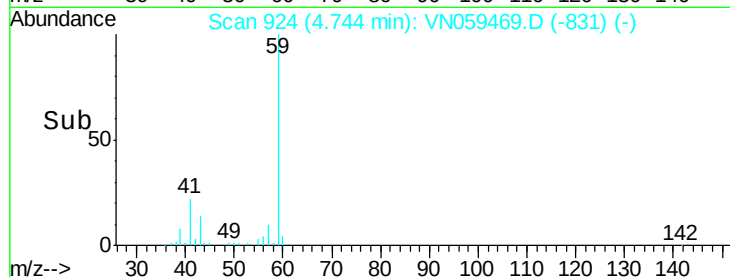
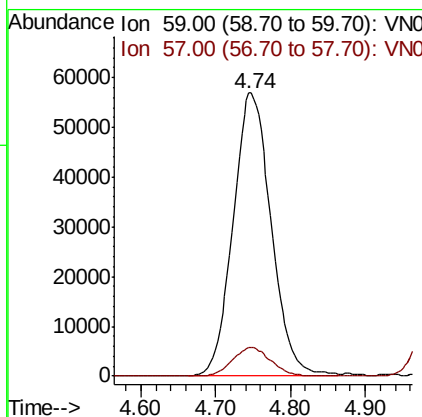
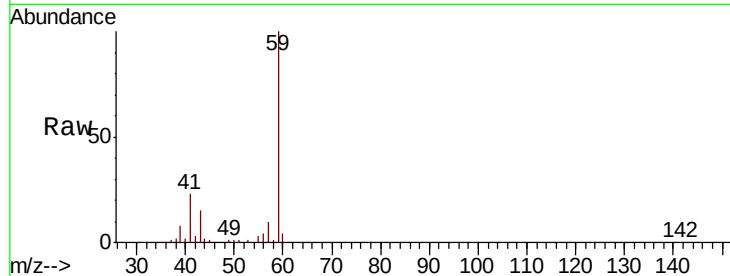
#11
Tert butyl alcohol
Concen: 271.357 ug/l
RT: 4.74 min Scan# 924
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

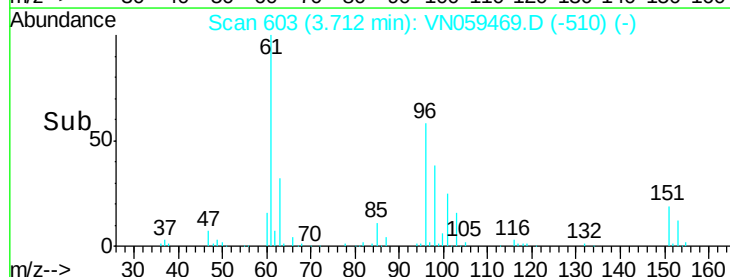
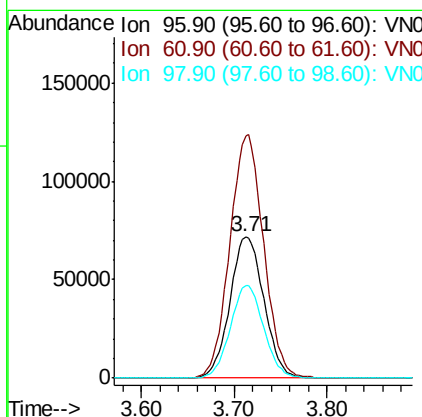
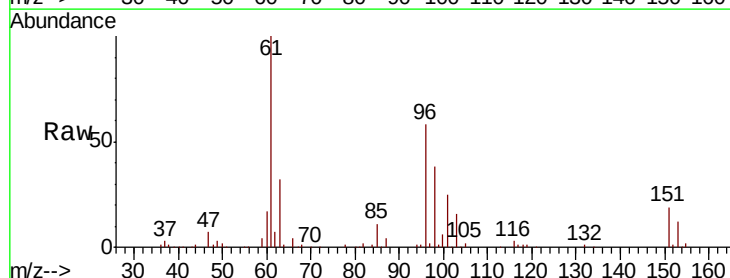
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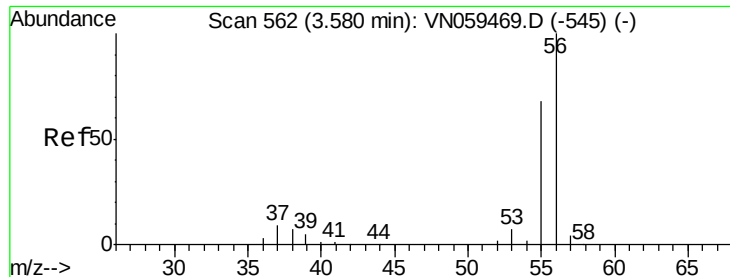
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#12
1,1-Dichloroethene
Concen: 51.410 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.4	137.1	205.7
98	65.5	52.4	78.6





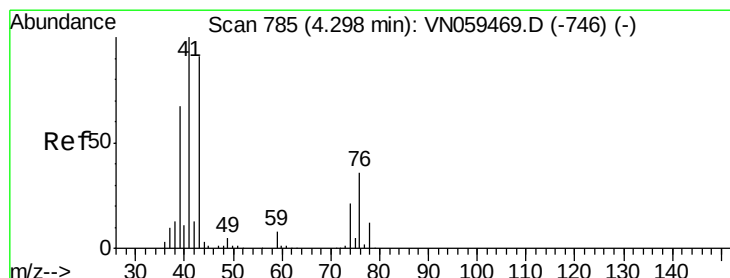
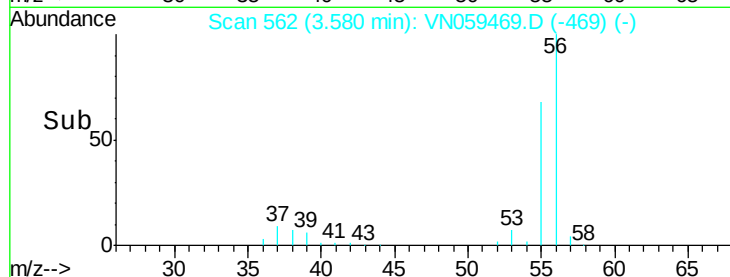
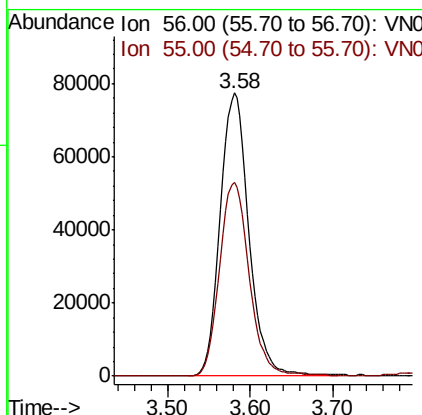
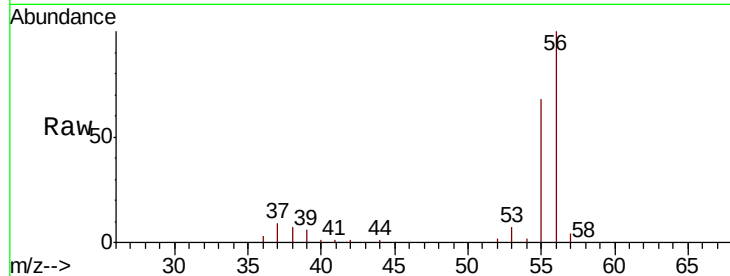
#13
Acrolein
Concen: 264.974 ug/l
RT: 3.58 min Scan# 562
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	186677
Ion Ratio	100	Lower	Upper
55	70.6	56.5	84.7

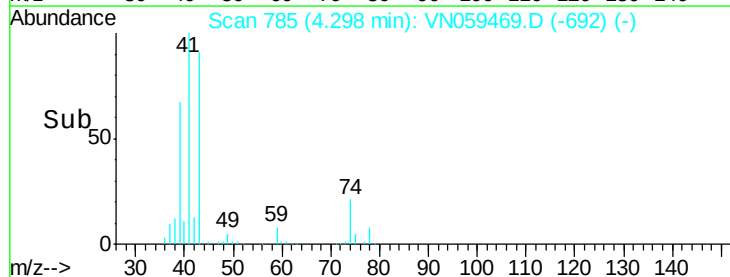
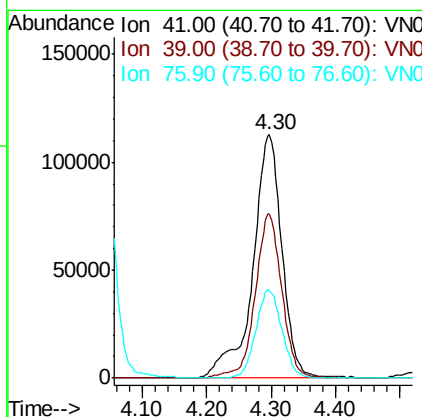
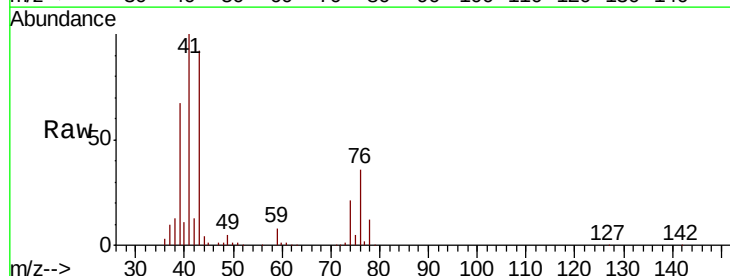
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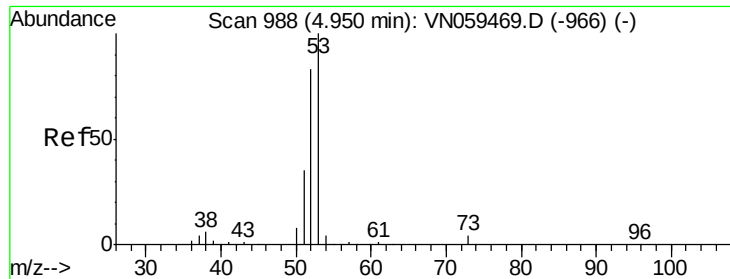
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#14
Allyl chloride
Concen: 53.421 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	41	Resp	355455
Ion Ratio	100	Lower	Upper
39	61.6	49.3	73.9
76	32.0	25.6	38.4





#15

Acrylonitrile

Concen: 280.631 ug/l

RT: 4.95 min Scan# 988

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

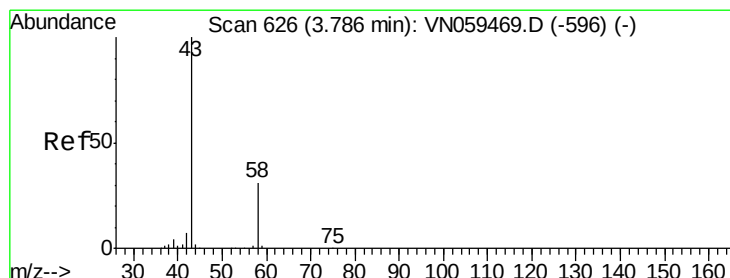
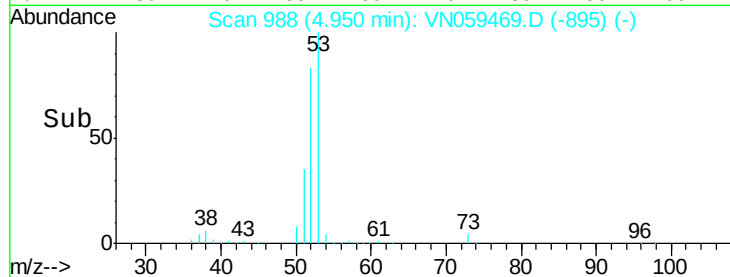
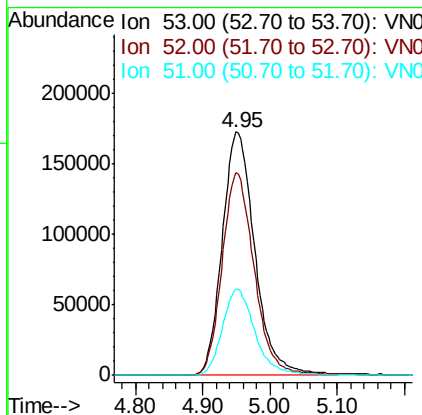
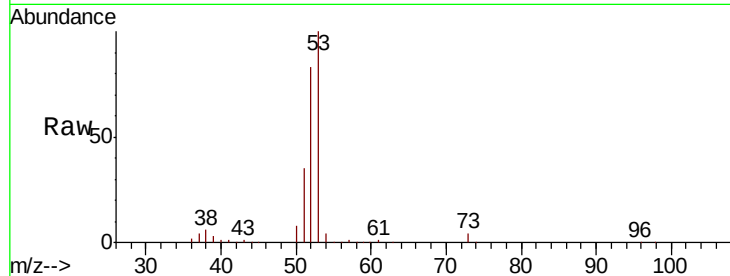
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	580871
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.5	98.3
51	35.6	28.5	42.7

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#16

Acetone

Concen: 298.822 ug/l

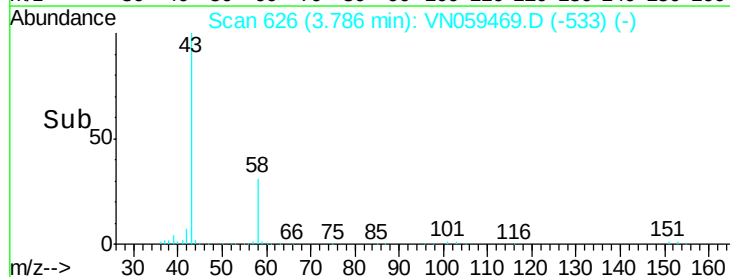
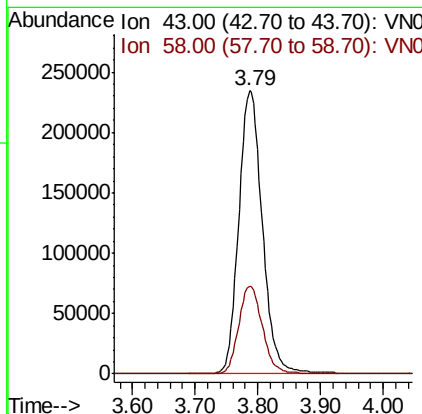
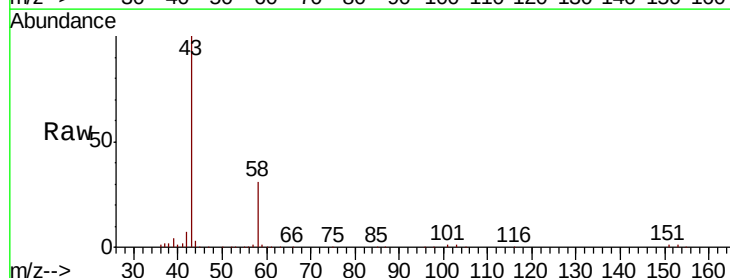
RT: 3.79 min Scan# 626

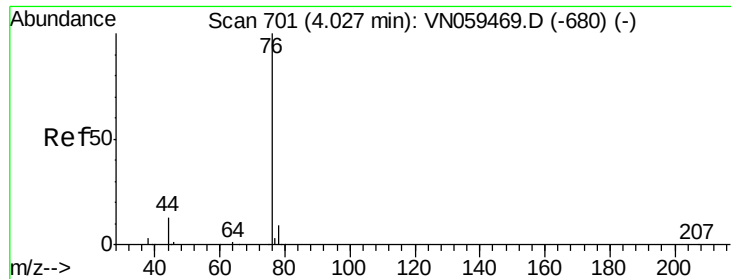
Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Tgt Ion:	43	Resp:	612064
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.9	37.3





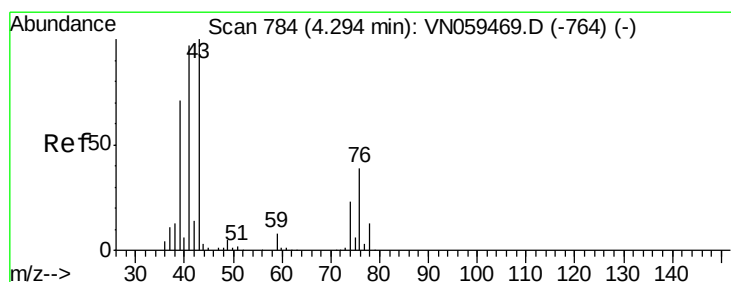
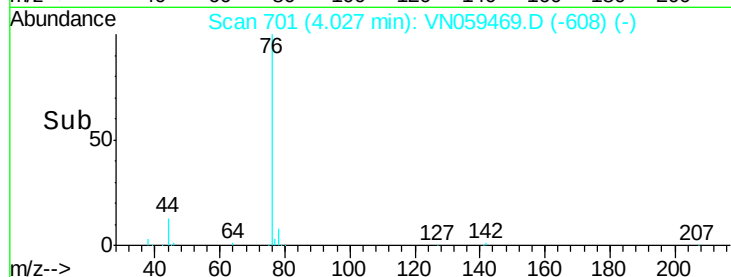
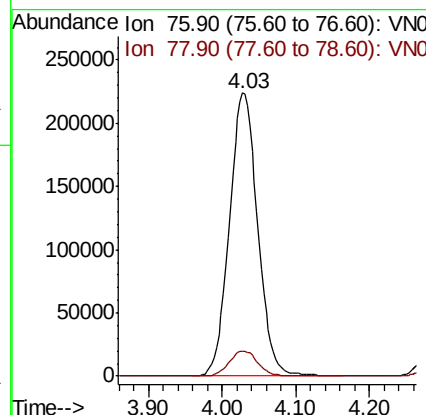
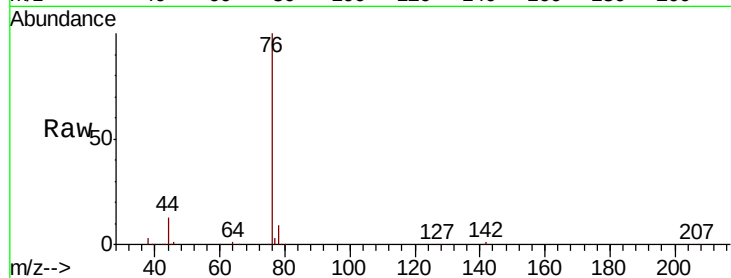
#17
Carbon Disulfide
Concen: 48.734 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

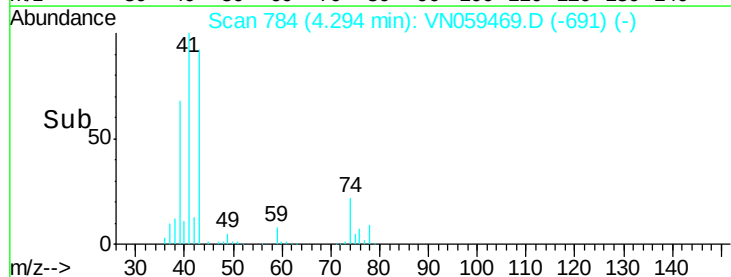
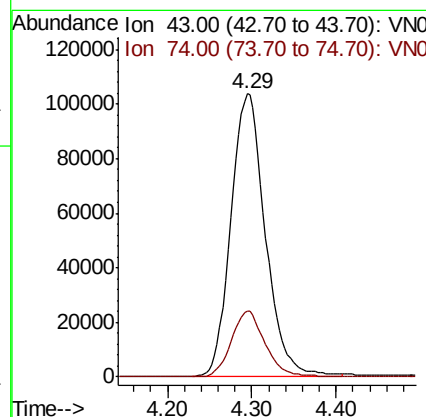
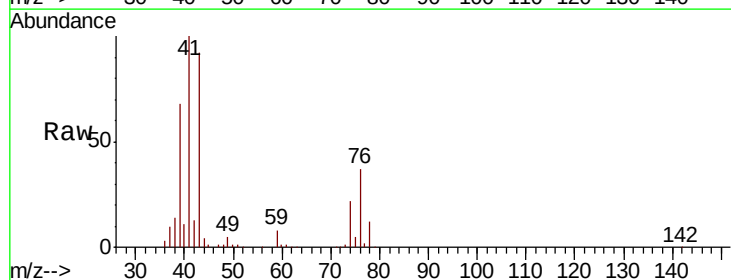
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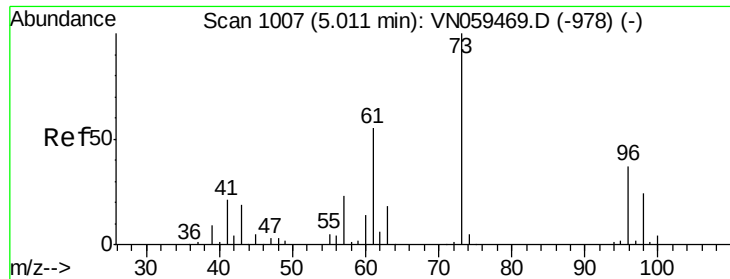
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#18
Methyl Acetate
Concen: 52.696 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.3	27.5





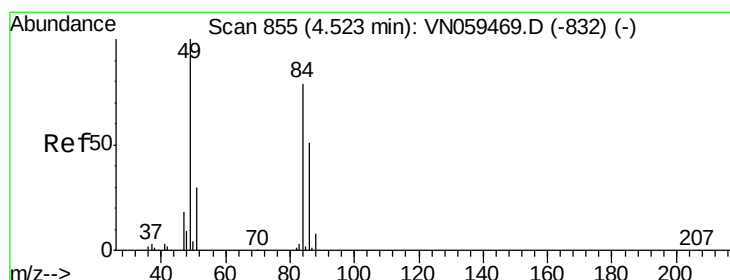
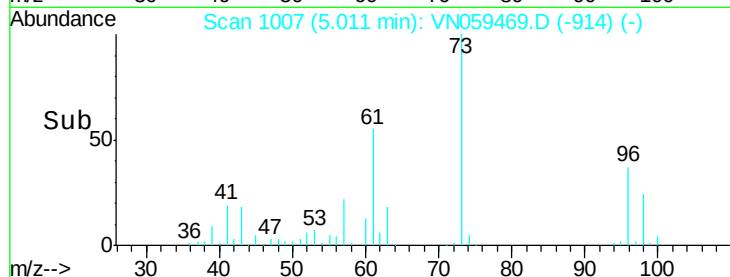
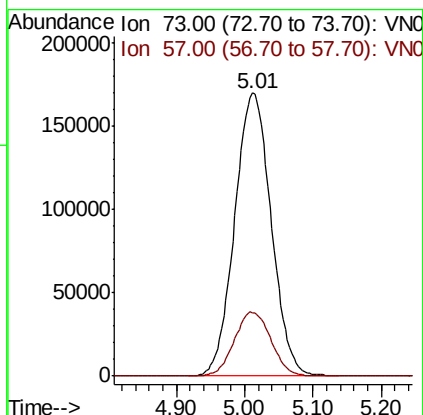
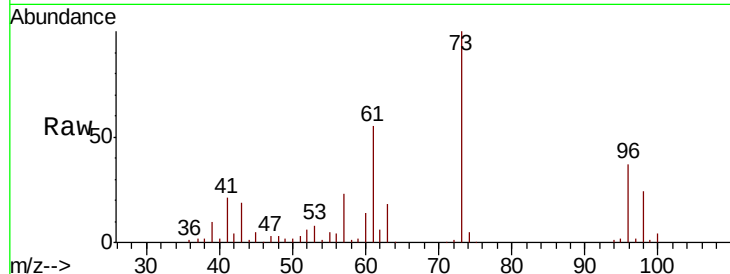
#19
Methyl tert-butyl Ether
Concen: 54.428 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 630843
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0

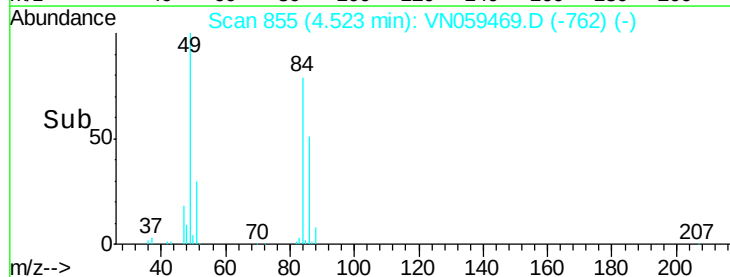
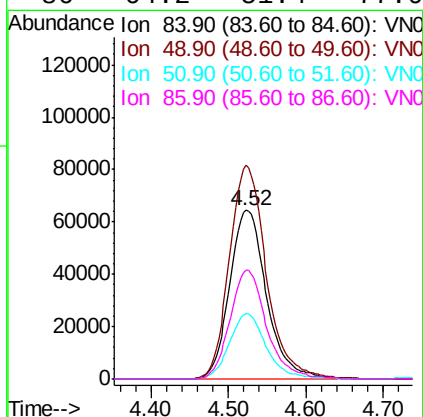
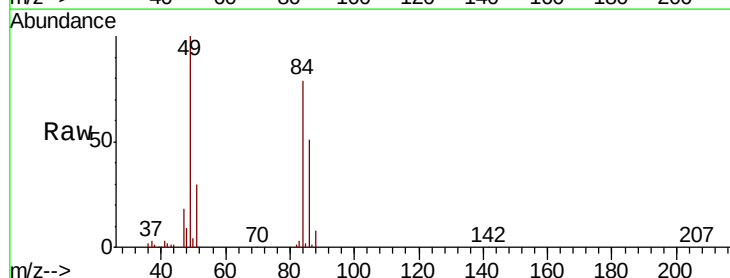
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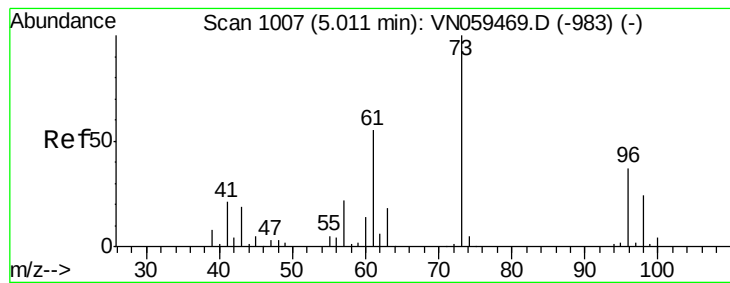
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#20
Methylene Chloride
Concen: 52.145 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion: 84 Resp: 213893
Ion Ratio Lower Upper
84 100
49 126.4 101.1 151.7
51 38.4 30.7 46.1
86 64.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 51.743 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 96 Resp: 201008

Ion Ratio Lower Upper

96 100

61 148.6 118.9 178.3

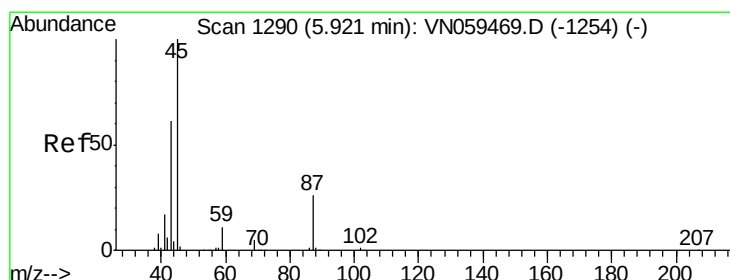
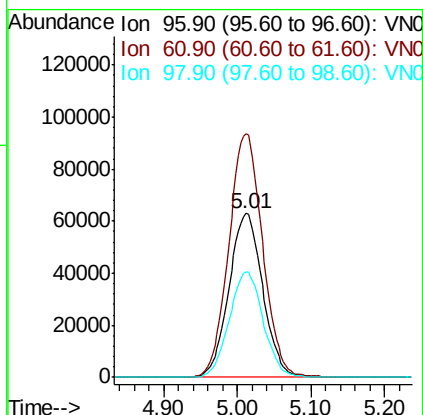
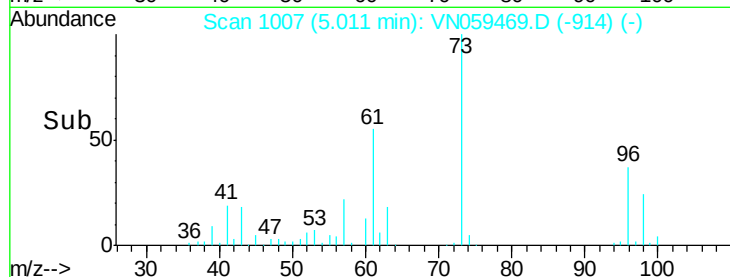
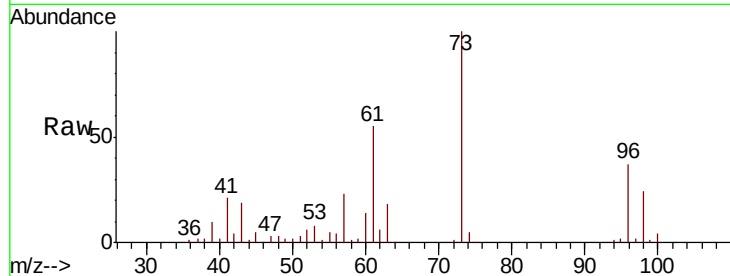
98 64.5 51.6 77.4

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#22

Diisopropyl ether

Concen: 55.470 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Tgt Ion: 45 Resp: 688772

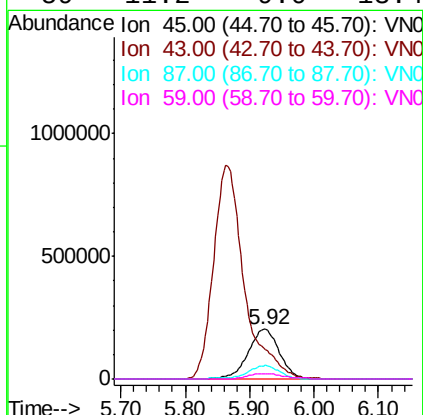
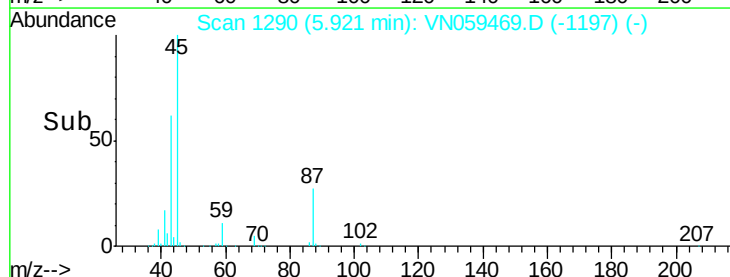
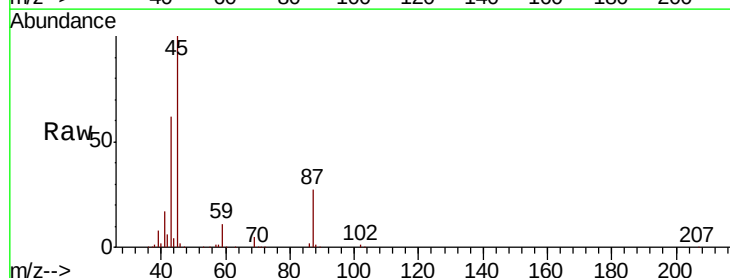
Ion Ratio Lower Upper

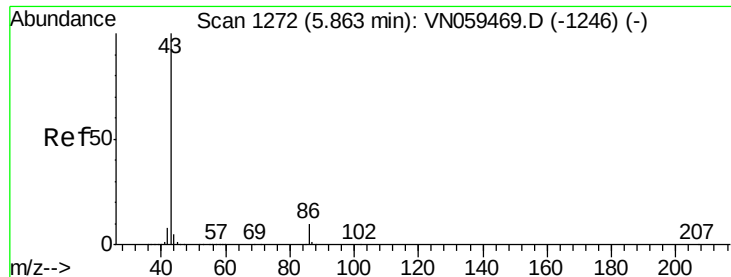
45 100

43 61.4 49.1 73.7

87 27.0 21.6 32.4

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 287.221 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 2891751

Ion Ratio Lower Upper

43 100

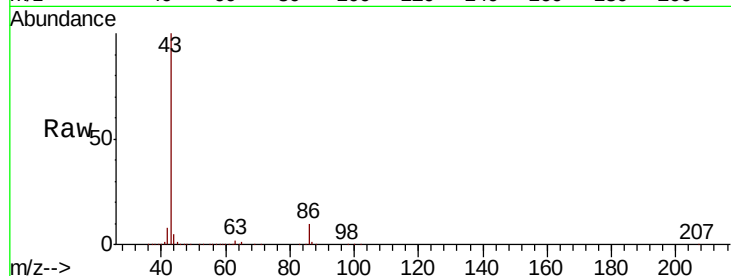
86 10.0 8.0 12.0

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

1000000

800000

600000

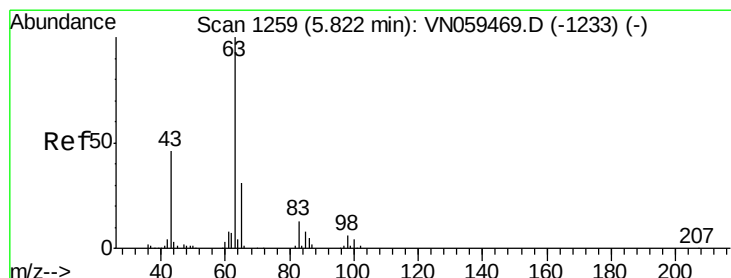
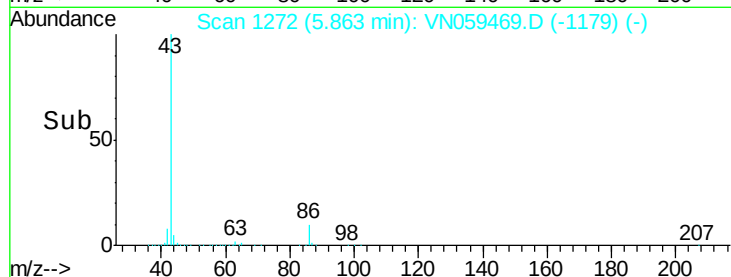
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 54.087 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

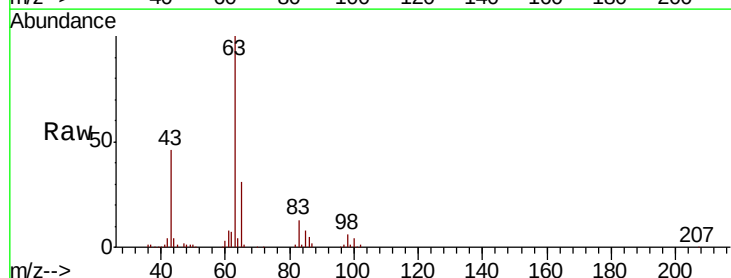
Tgt Ion: 63 Resp: 385467

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

150000

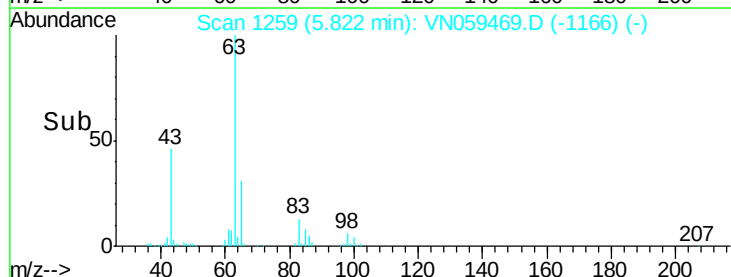
100000

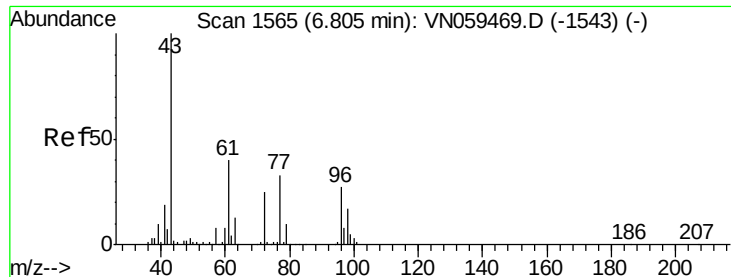
50000

0

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 290.637 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 820811

Ion Ratio Lower Upper

43 100

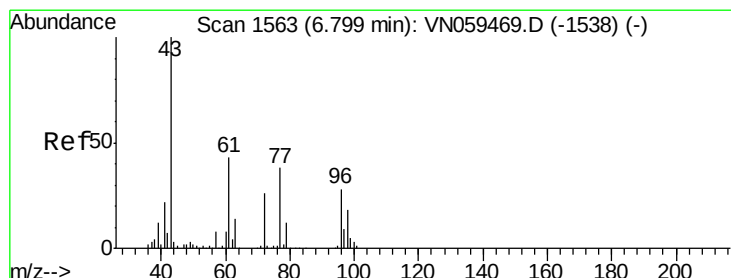
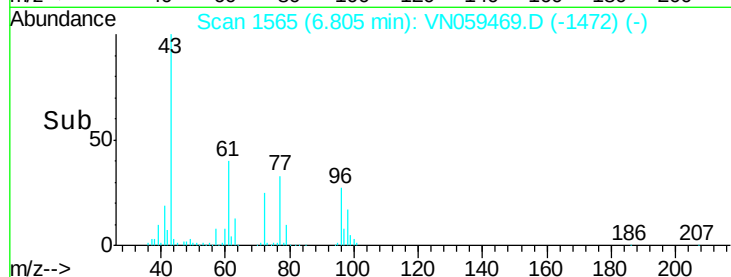
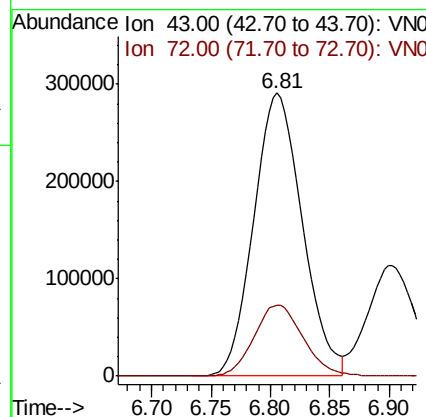
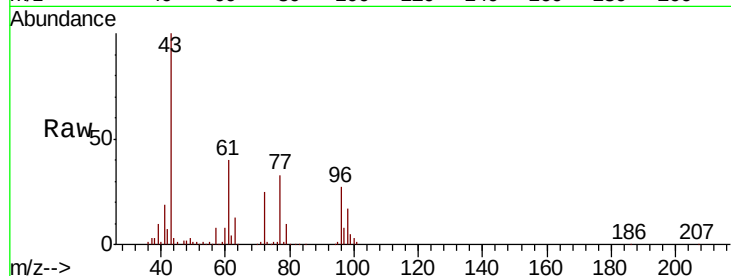
72 25.2 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 54.150 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059469.D

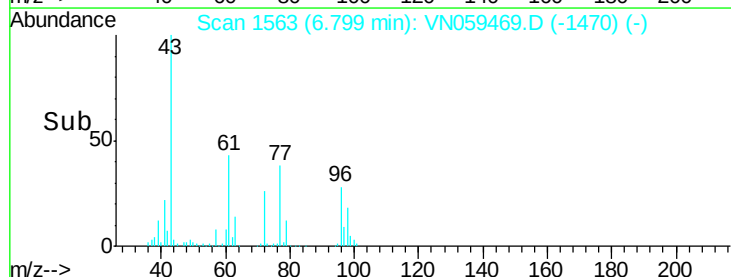
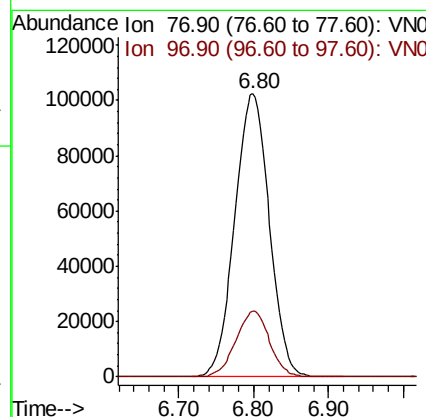
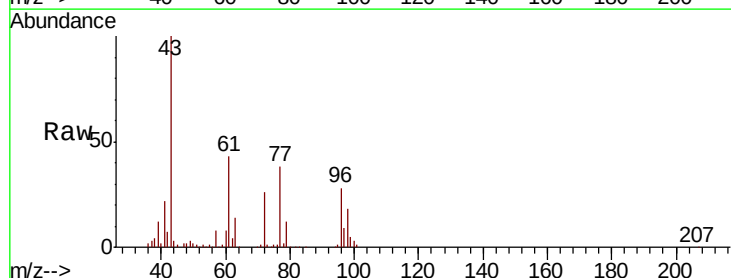
Acq: 3 Dec 2019 14:25

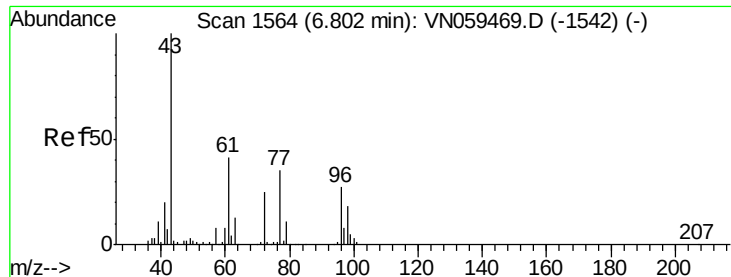
Tgt Ion: 77 Resp: 328873

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 53.050 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

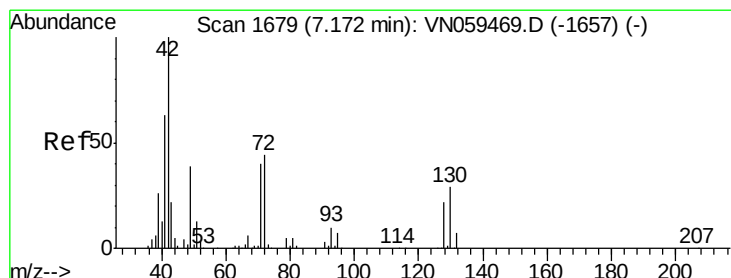
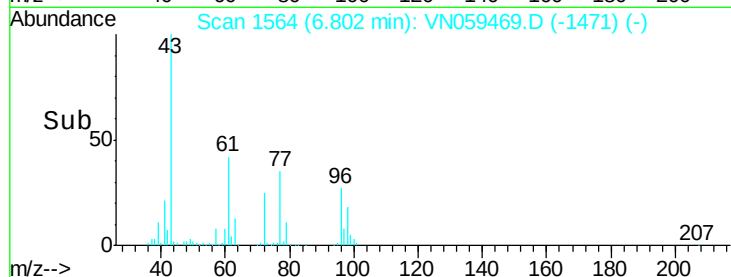
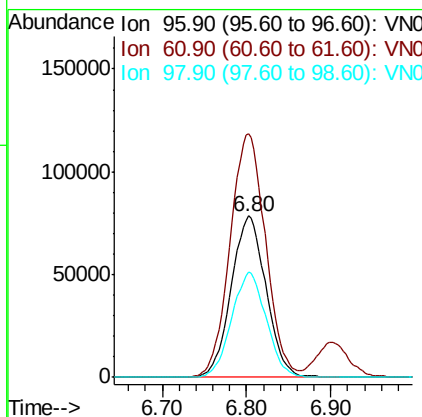
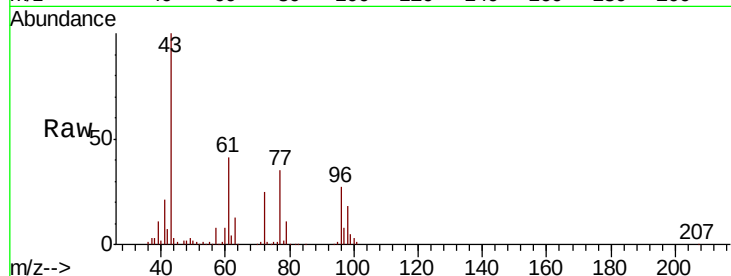
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	226120
Ion	Ratio	Lower	Upper
96	100		
61	153.7	0.0	307.4
98	64.6	0.0	129.2

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#28

Bromochloromethane

Concen: 62.464 ug/l

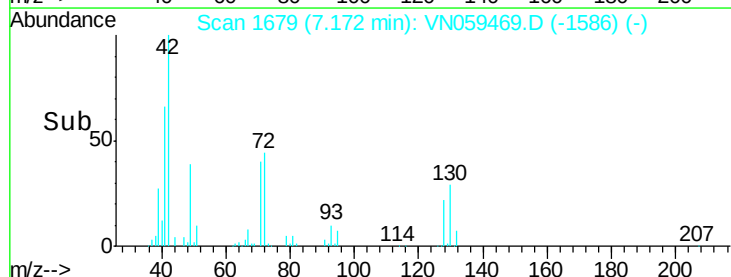
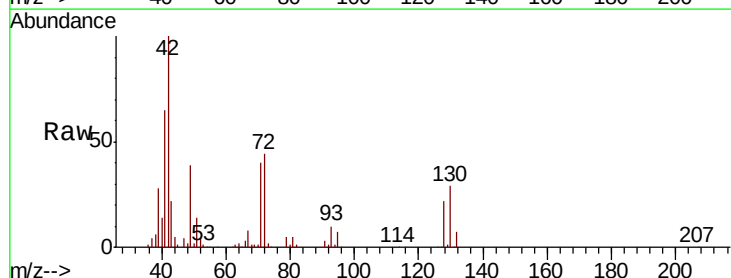
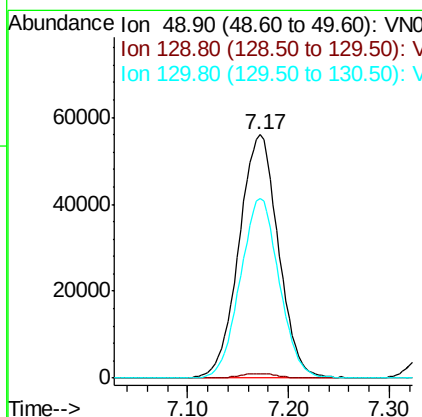
RT: 7.17 min Scan# 1679

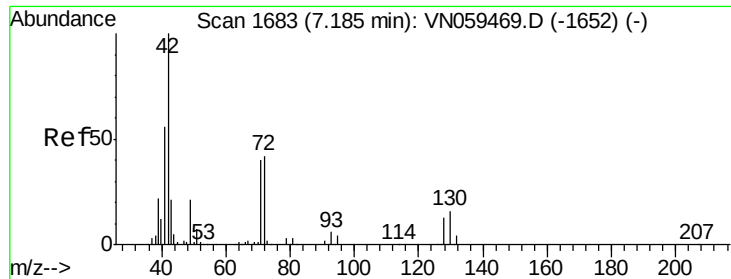
Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Tgt Ion:	49	Resp:	151781
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	73.0	58.4	87.6





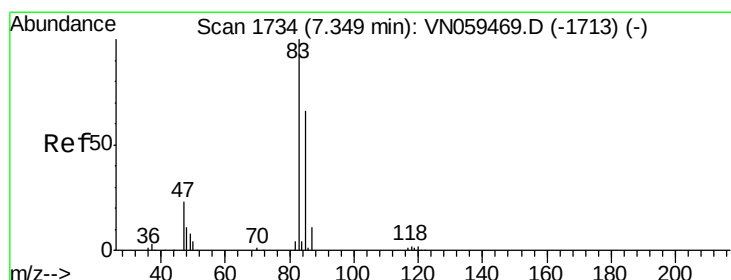
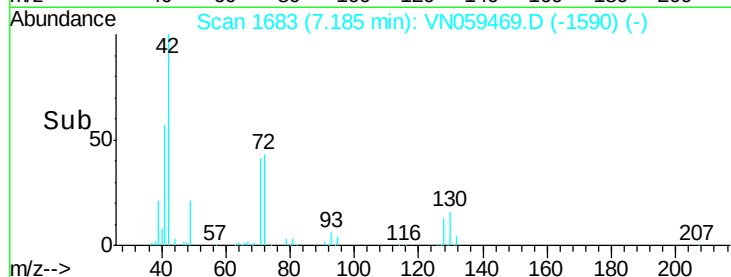
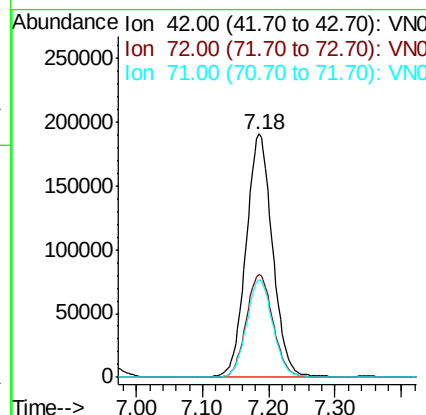
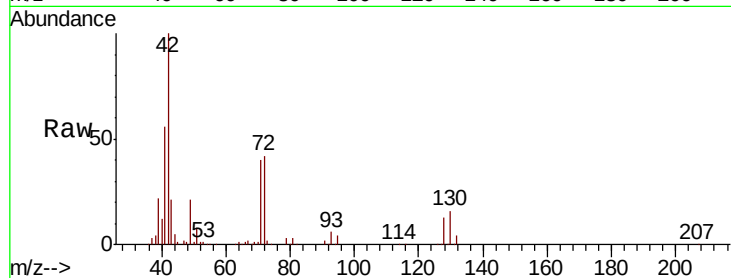
#29
Tetrahydrofuran
Concen: 281.493 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	40.0	32.0	48.0

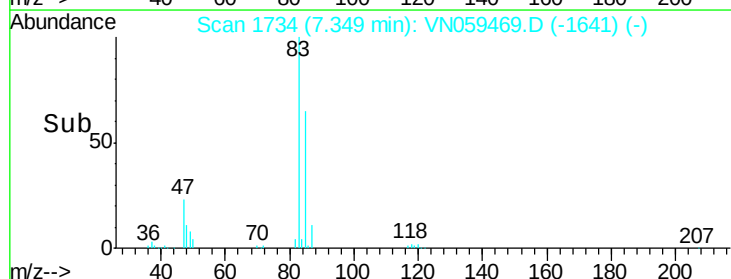
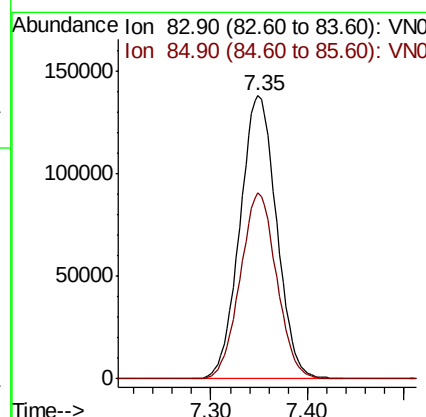
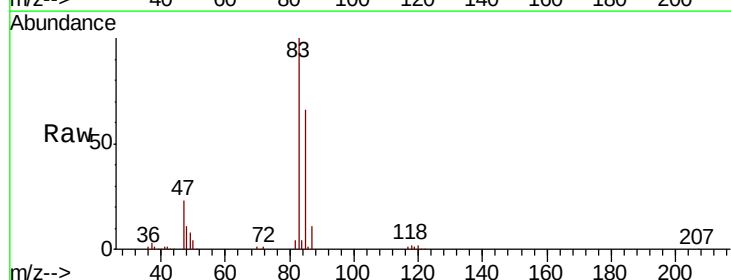
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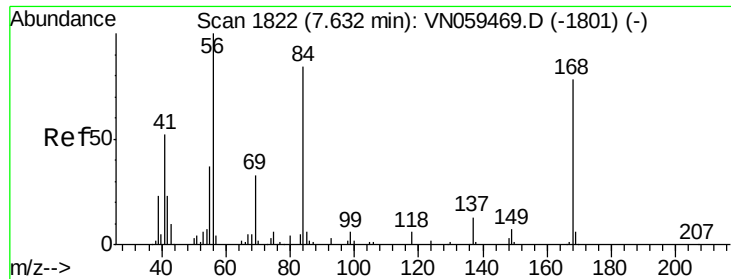
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#30
Chloroform
Concen: 50.777 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6





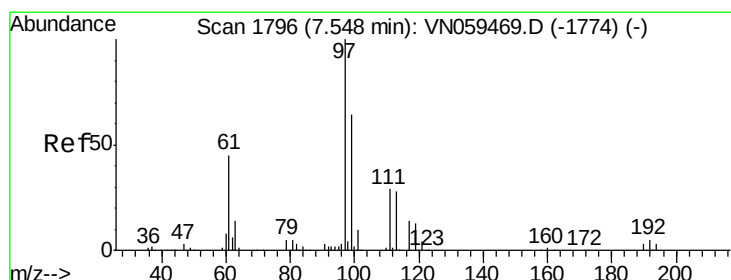
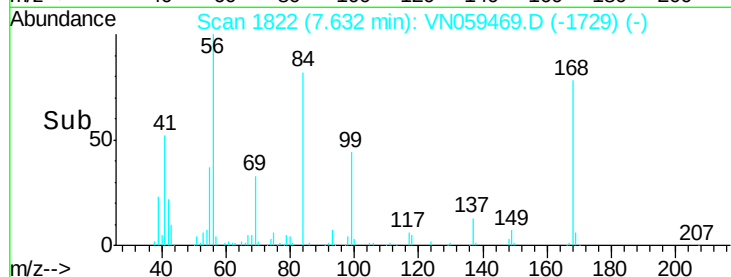
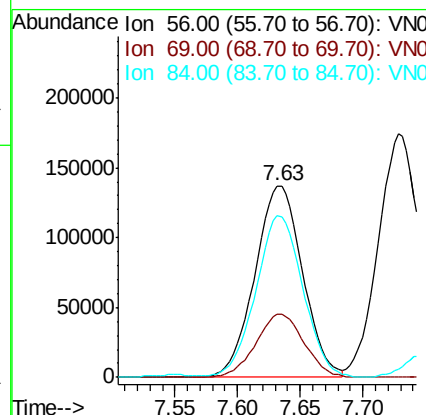
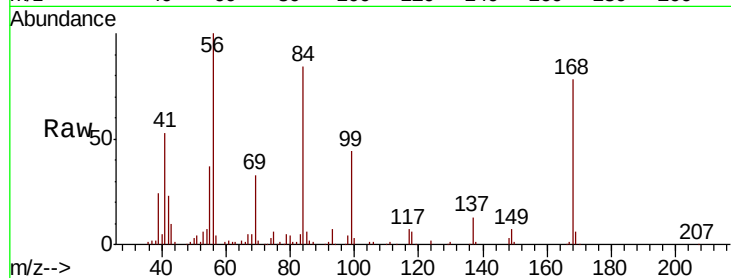
#31
Cyclohexane
Concen: 50.800 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.2	39.4
84	83.5	66.8	100.2

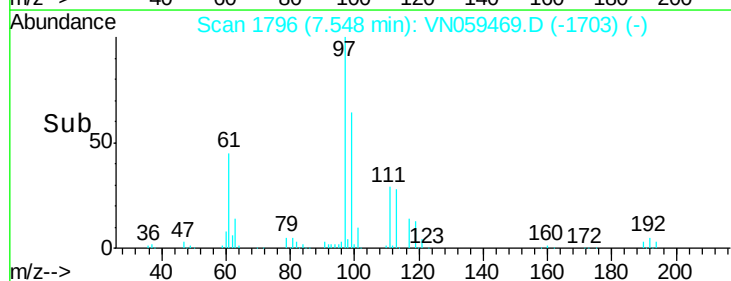
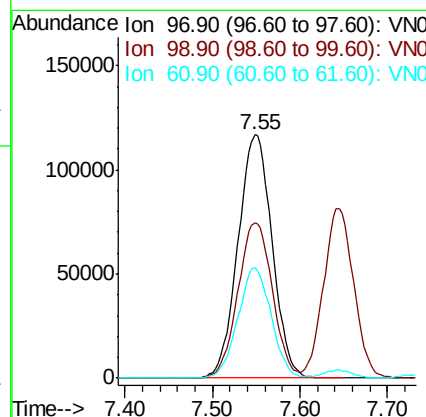
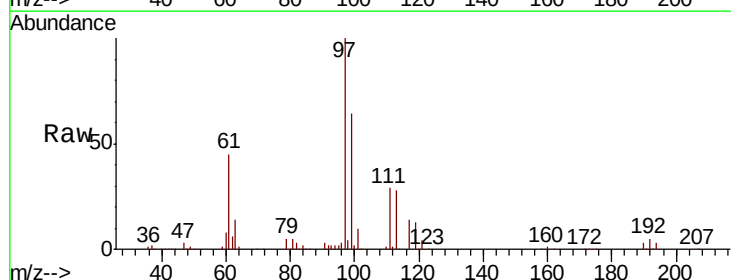
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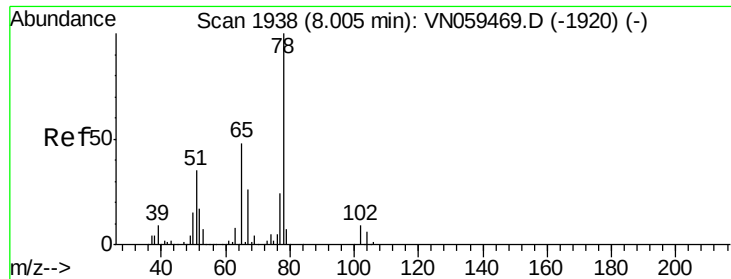
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#32
1,1,1-Trichloroethane
Concen: 54.072 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	44.2	35.4	53.0





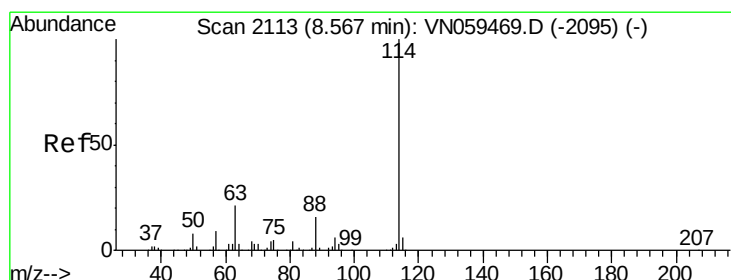
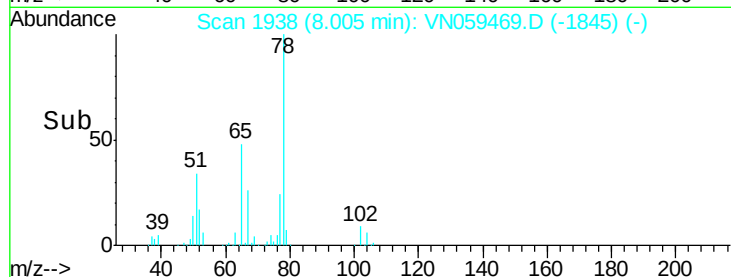
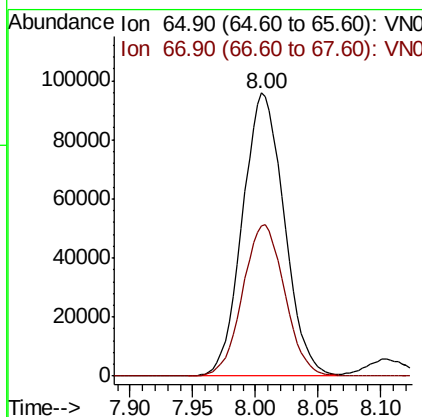
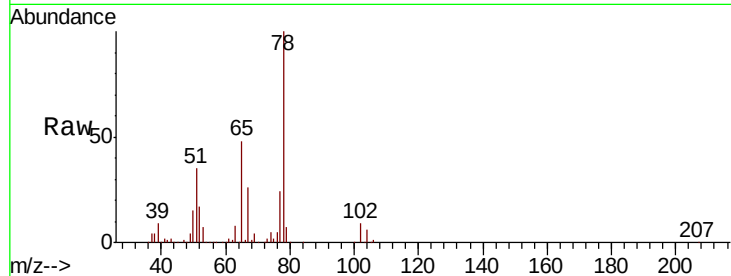
#33
 1,2-Dichloroethane-d4
 Concen: 52.456 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	222688		
67	53.7	0.0	107.4	

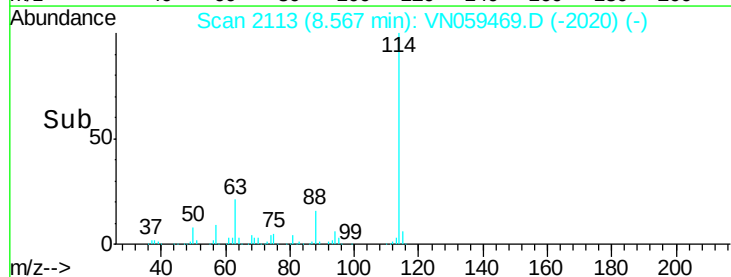
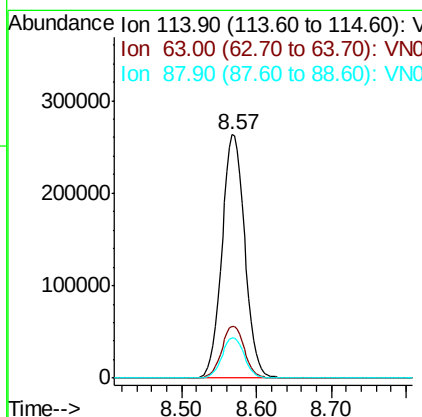
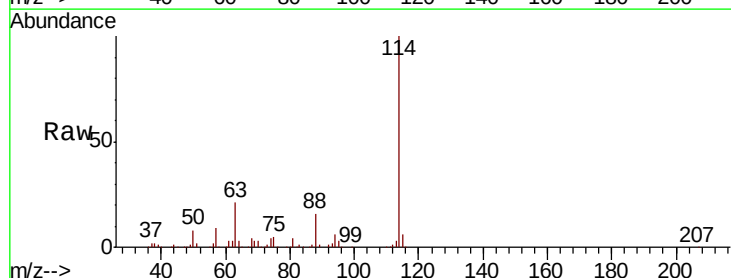
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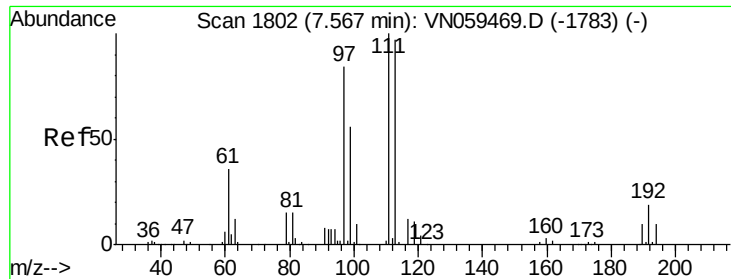
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	555020		
63	21.2	0.0	42.4	
88	16.4	0.0	32.8	





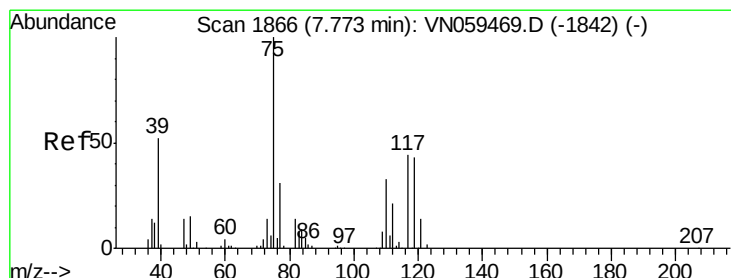
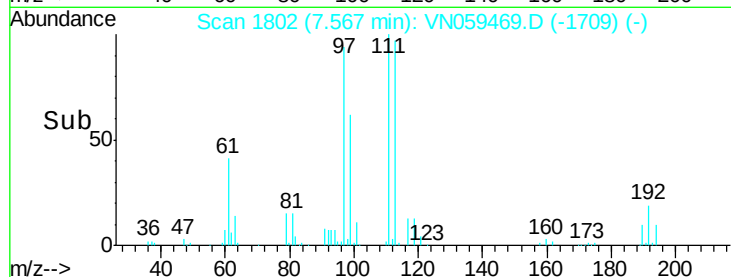
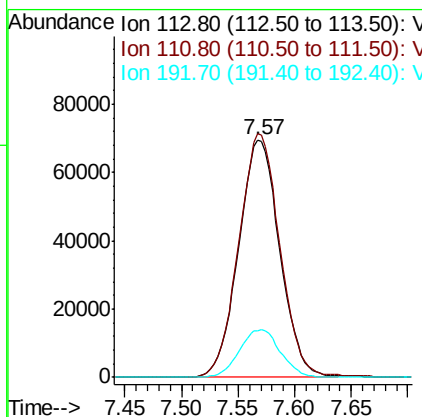
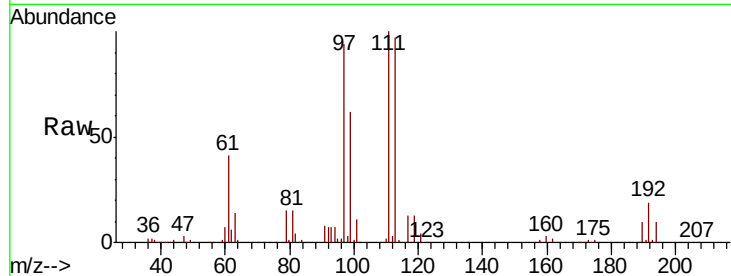
#35
Dibromofluoromethane
Concen: 51.687 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	175619		
111	103.1	82.5	123.7	
192	20.1	16.1	24.1	

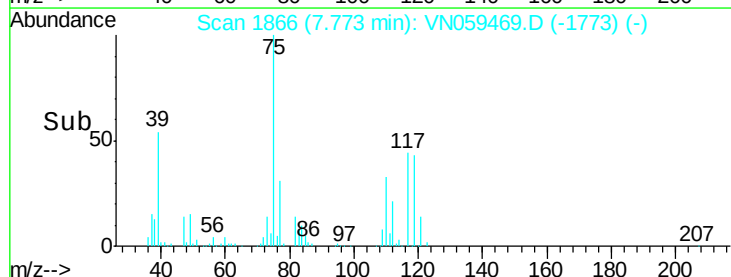
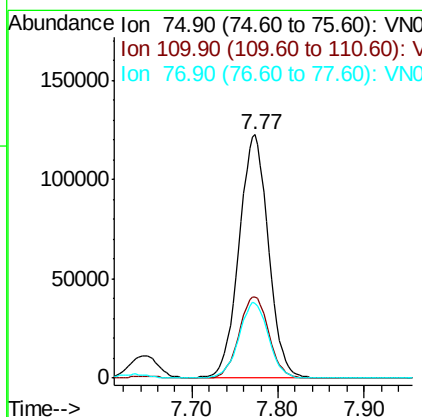
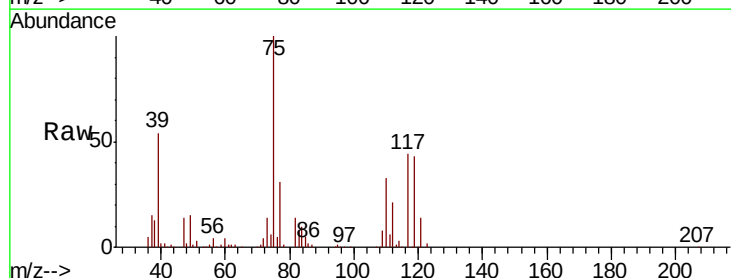
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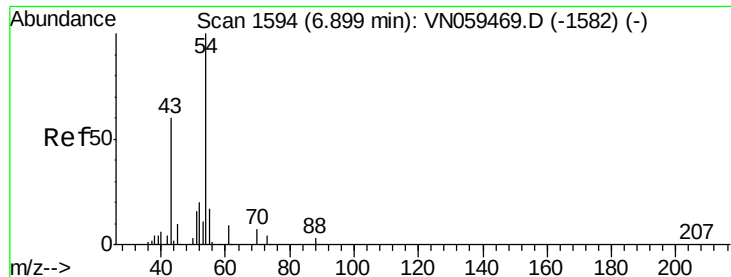
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#36
1,1-Dichloropropene
Concen: 53.769 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	290209		
110	33.8	16.9	50.7	
77	31.4	25.1	37.7	





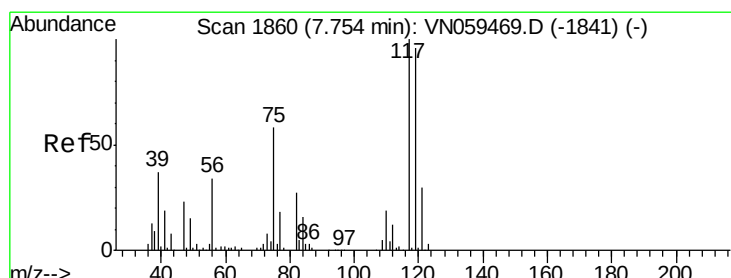
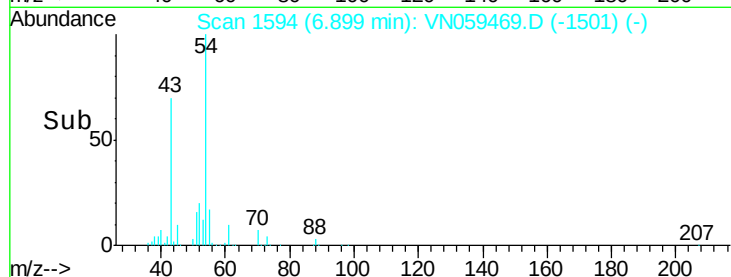
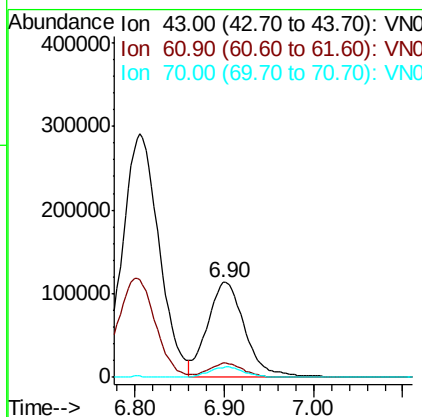
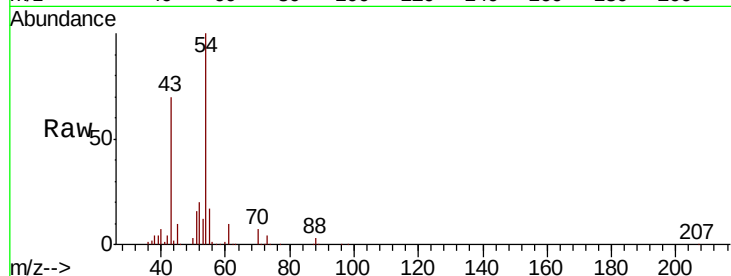
#37
Ethyl Acetate
Concen: 55.903 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	14.1	11.3	16.9	
70	10.4	8.3	12.5	

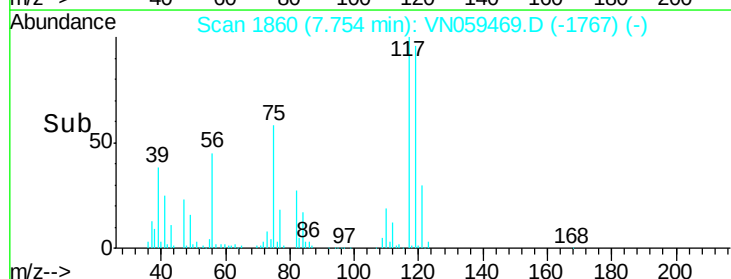
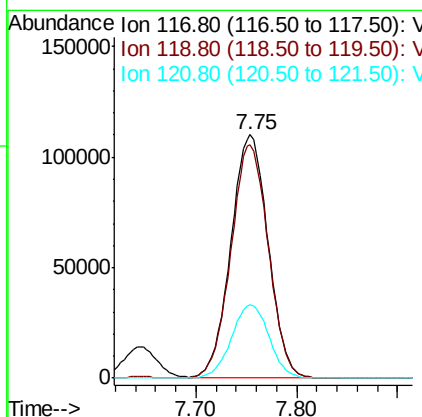
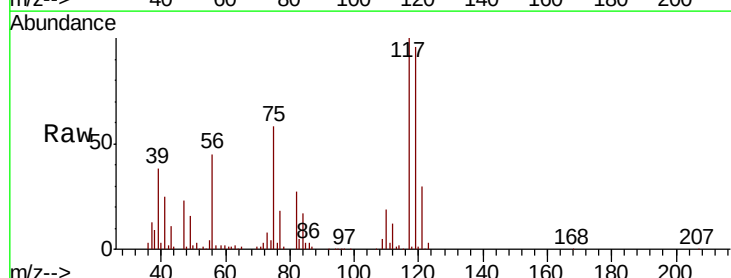
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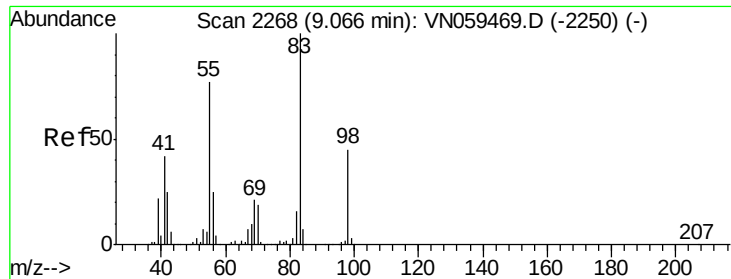
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#38
Carbon Tetrachloride
Concen: 55.254 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	76.6	114.8	
121	30.0	24.0	36.0	





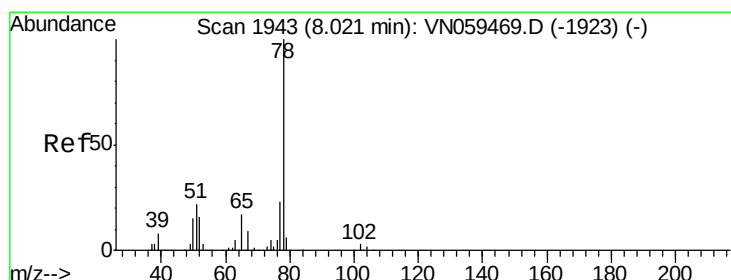
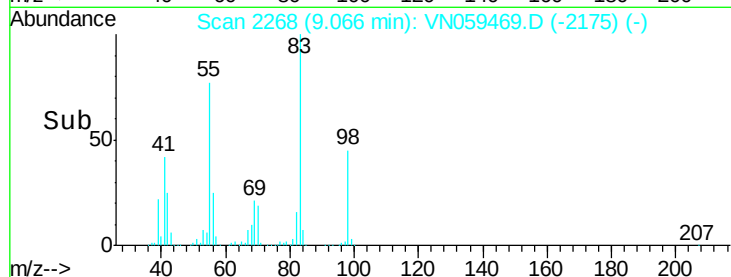
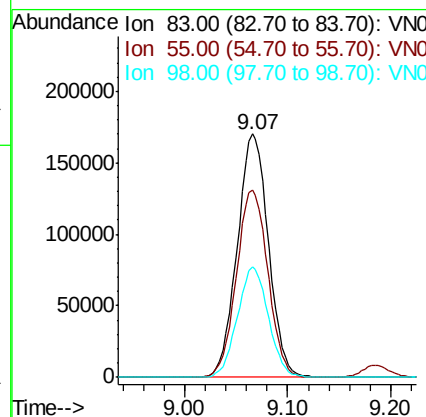
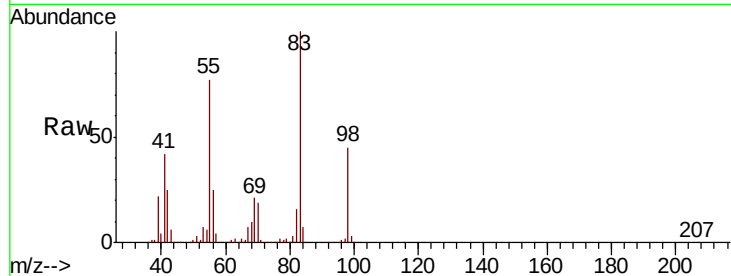
#39
Methylvlcyclohexane
Concen: 55.422 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.2	61.8	92.6	
98	45.2	36.2	54.2	

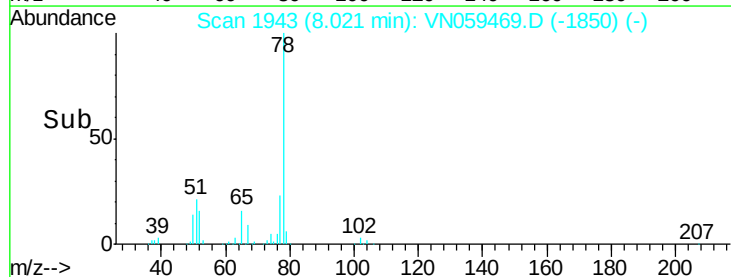
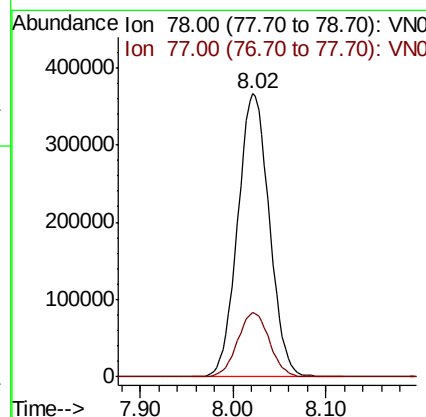
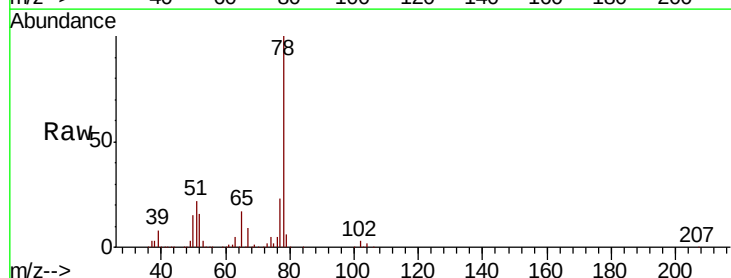
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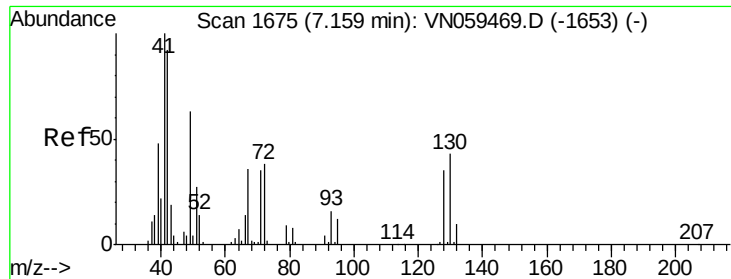
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#40
Benzene
Concen: 53.859 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.7	18.2	27.2	





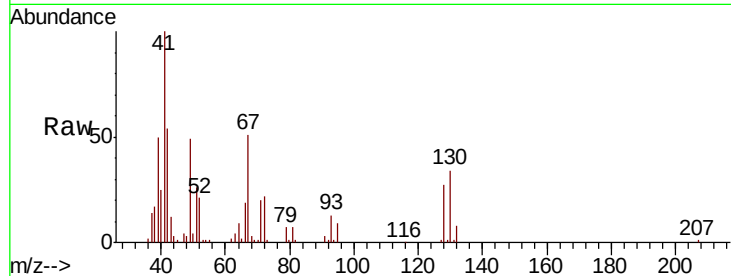
#41
Methacrylonitrile
Concen: 50.989 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

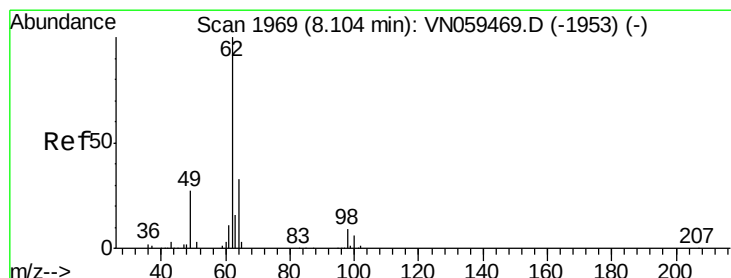
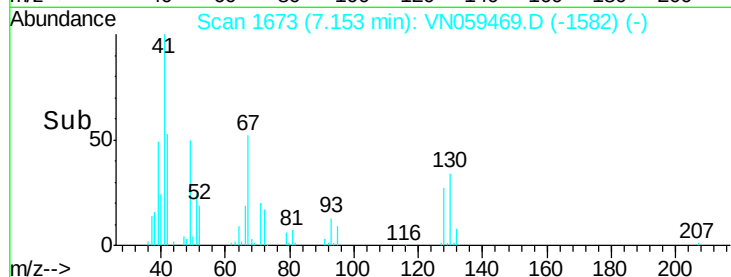
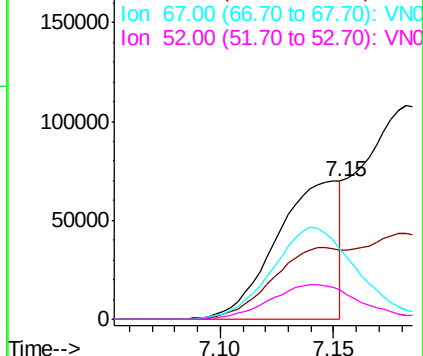
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		137754		
39	0.0	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

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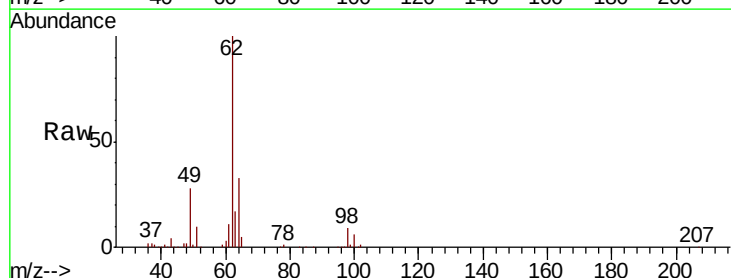


Abundance Ion 41.00 (40.70 to 41.70): VN059469.D (-1653) (-)
Ion 39.00 (38.70 to 39.70): VN059469.D (-1653) (-)
Ion 67.00 (66.70 to 67.70): VN059469.D (-1653) (-)
Ion 52.00 (51.70 to 52.70): VN059469.D (-1653) (-)

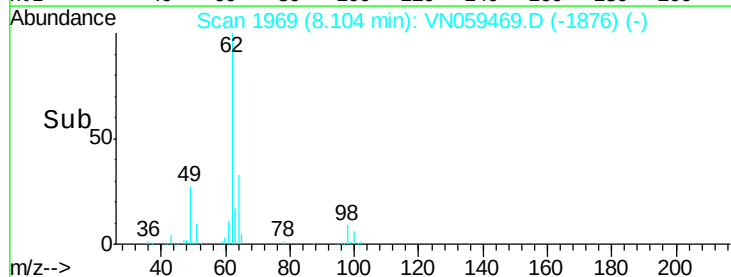
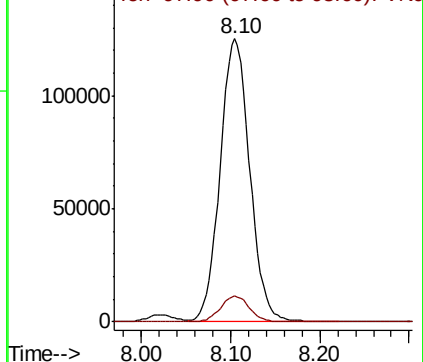


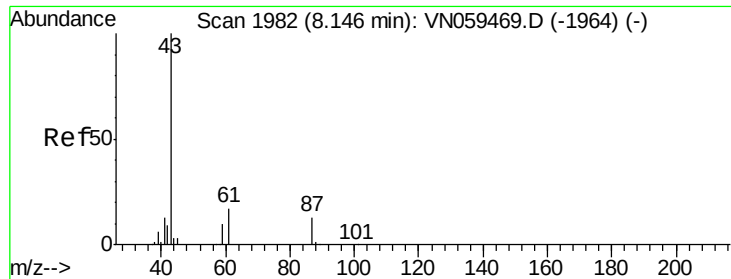
#42
1,2-Dichloroethane
Concen: 56.187 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		288112		
98	8.9	0.0	17.8		



Abundance Ion 61.90 (61.60 to 62.60): VN059469.D (-1953) (-)
Ion 97.90 (97.60 to 98.60): VN059469.D (-1953) (-)





#43

Isopropyl Acetate

Concen: 56.911 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

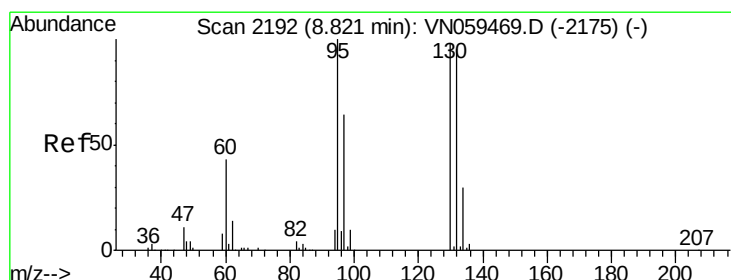
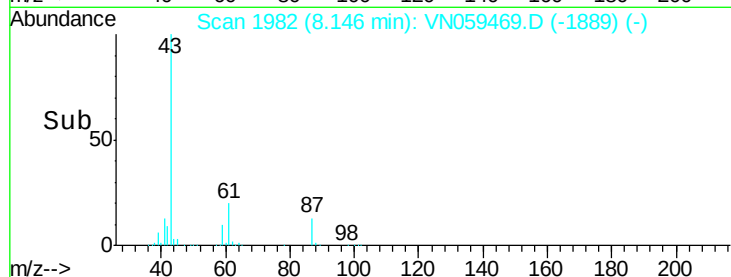
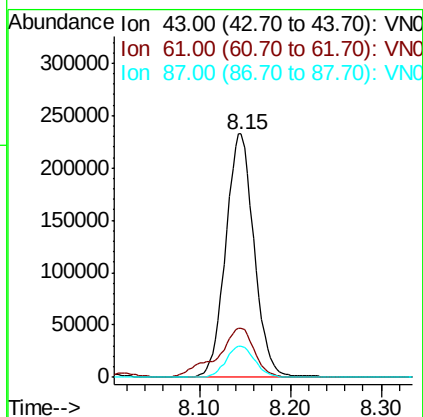
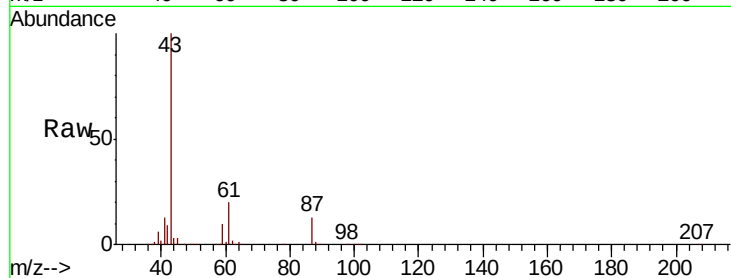
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	500805
Ion	Ratio	Lower	Upper
43	100		
61	26.3	21.0	31.6
87	13.0	10.4	15.6

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#44

Trichloroethene

Concen: 54.024 ug/l

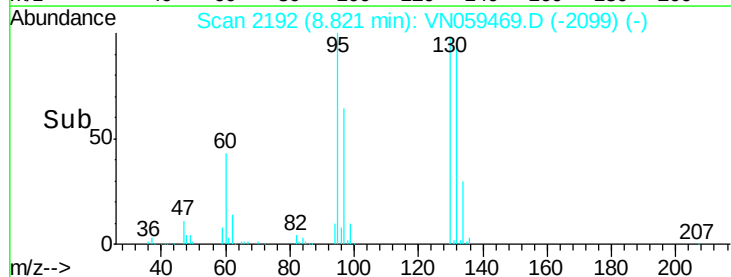
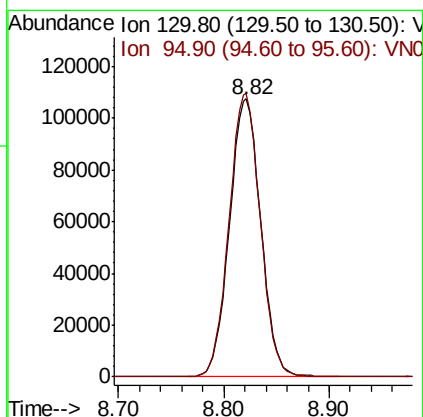
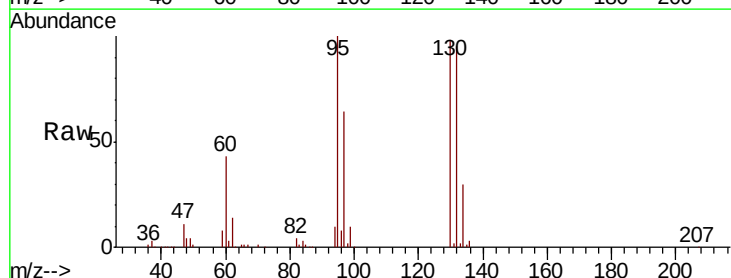
RT: 8.82 min Scan# 2192

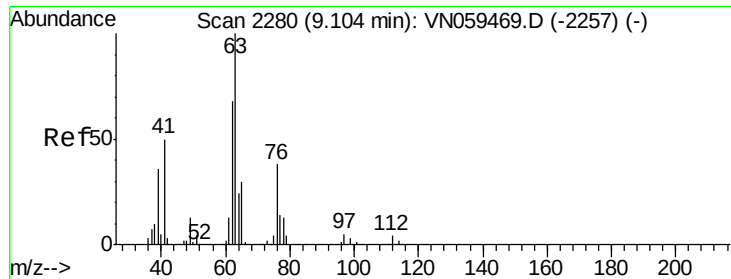
Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Tgt Ion:	130	Resp:	220668
Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	203.6





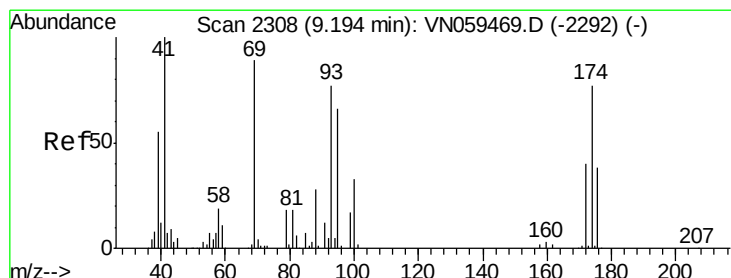
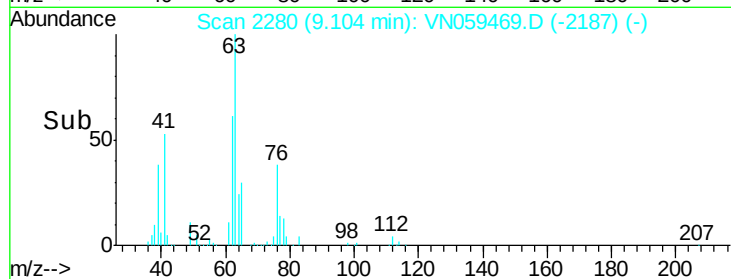
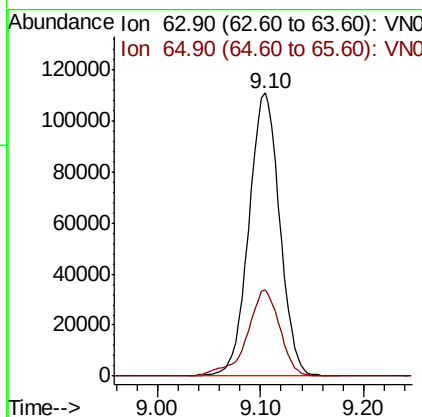
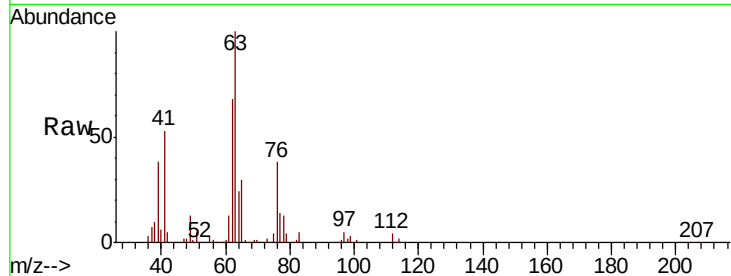
#45
 1,2-Dichloropropane
 Concen: 54.766 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 229987
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6

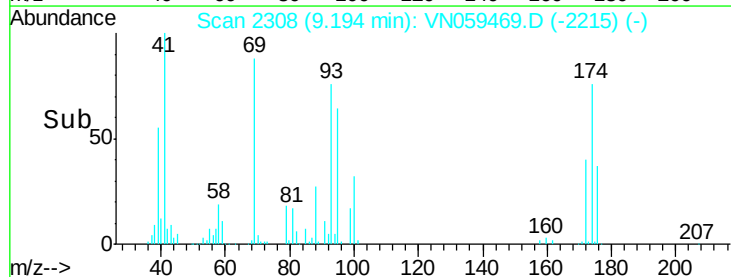
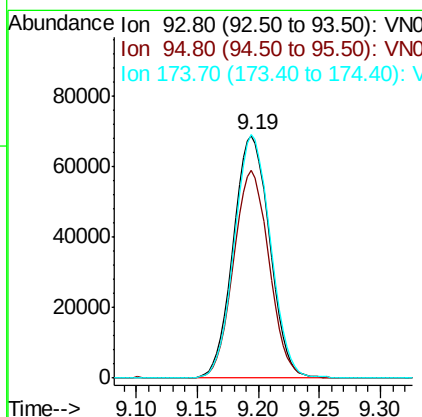
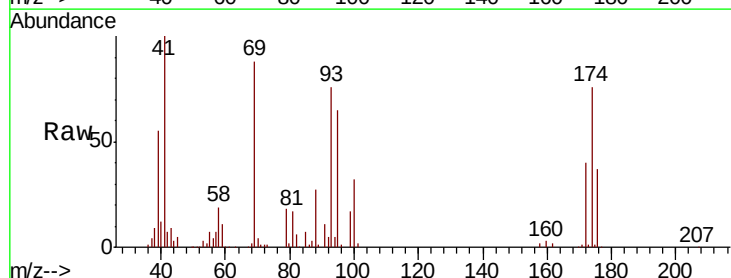
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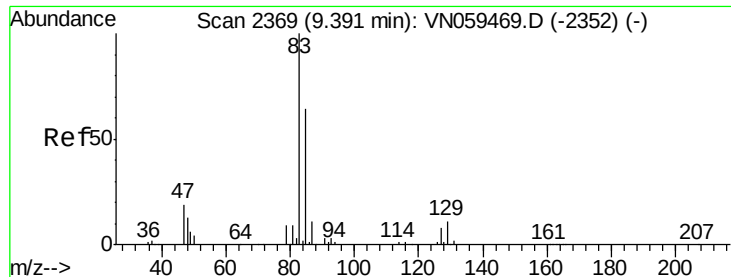
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#46
 Dibromomethane
 Concen: 54.822 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Tgt Ion: 93 Resp: 142304
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.6
 174 99.5 79.6 119.4





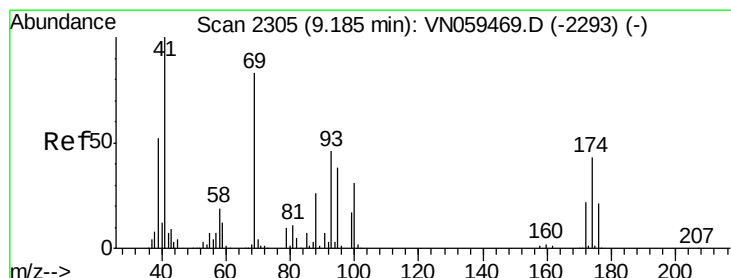
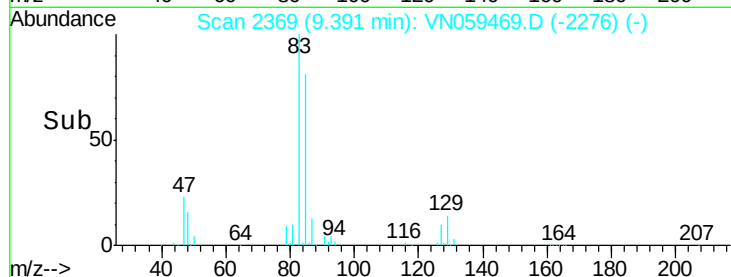
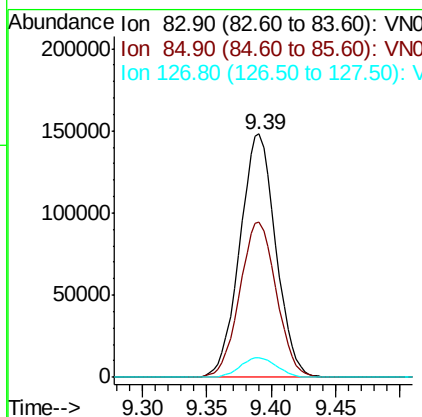
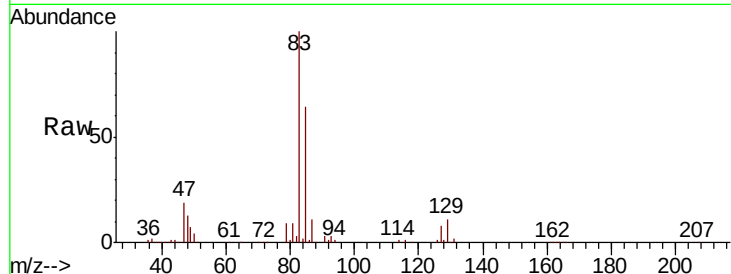
#47
Bromodichloromethane
Concen: 54.740 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	287468		
85	63.8	51.0	76.6	
127	8.2	6.6	9.8	

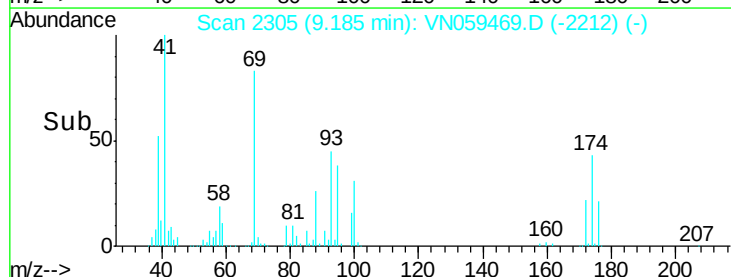
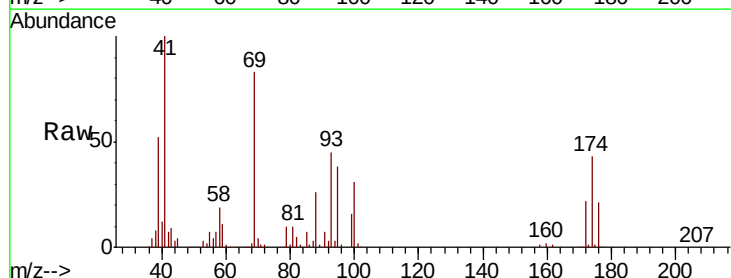
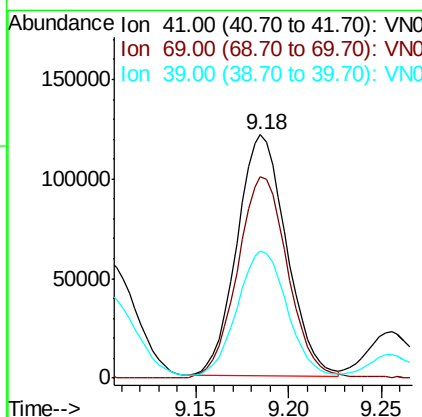
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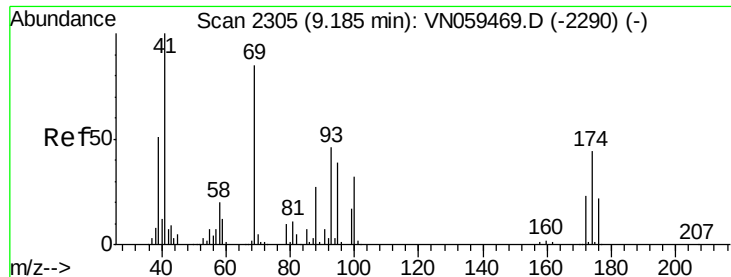
apatel
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#48
Methyl methacrylate
Concen: 57.393 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	224631		
69	85.8	68.6	103.0	
39	54.0	43.2	64.8	





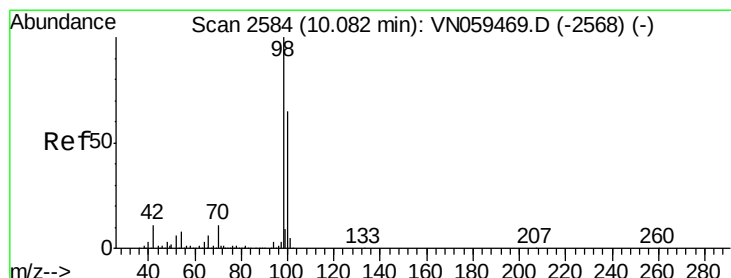
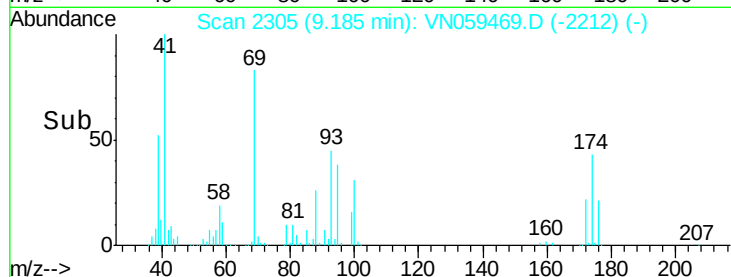
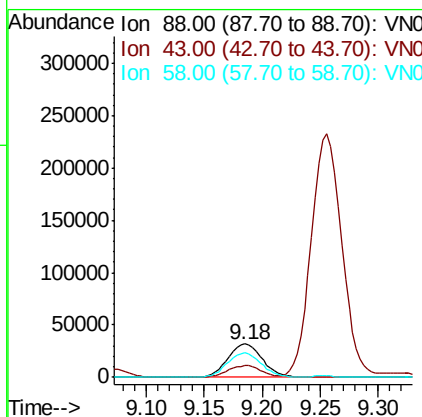
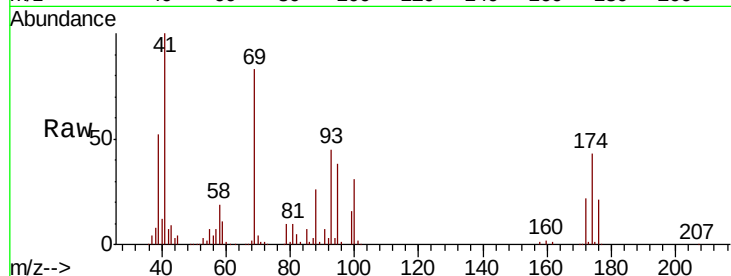
#49
1,4-Dioxane
Concen: 1189.726 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	27.1	40.7
58	72.2	57.8	86.6

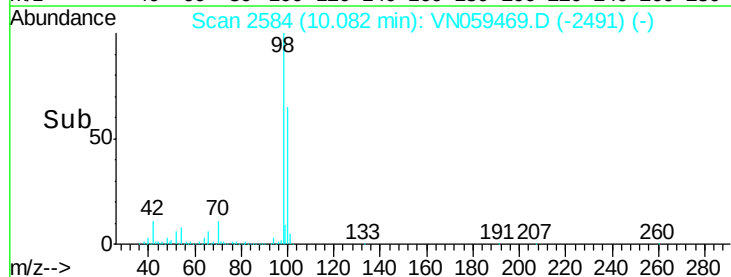
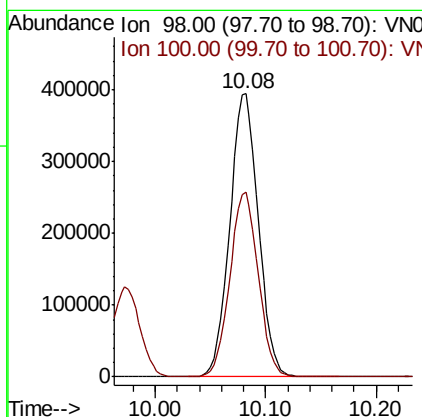
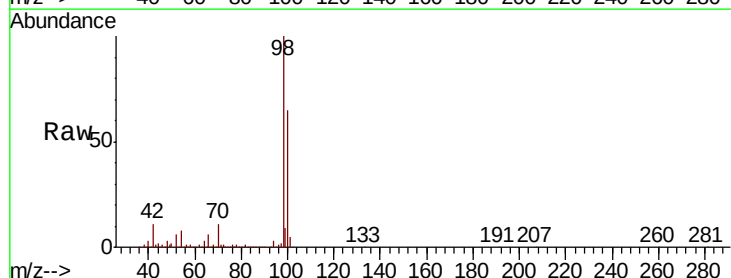
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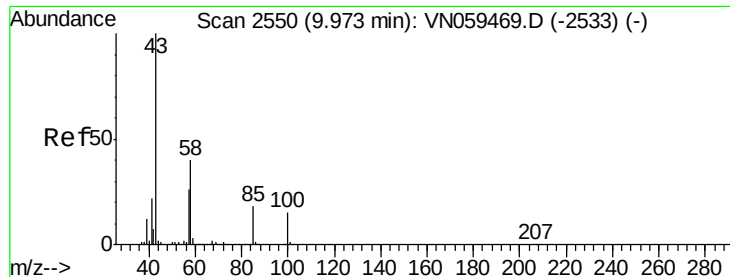
apatel
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#50
Toluene-d8
Concen: 52.177 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 300.819 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1547000

Ion Ratio Lower Upper

43 100

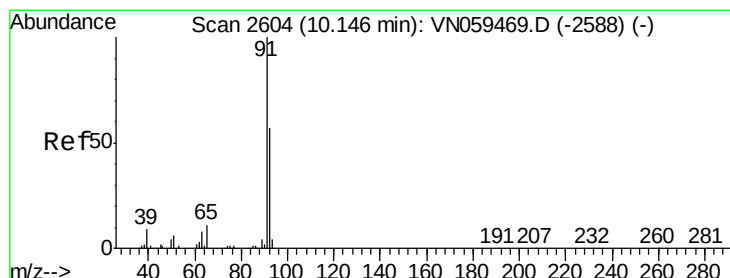
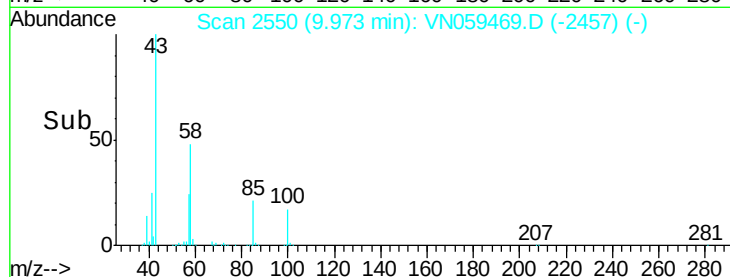
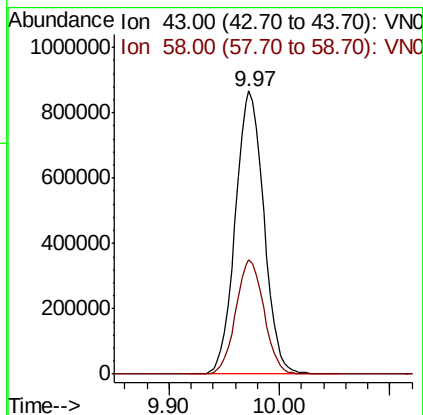
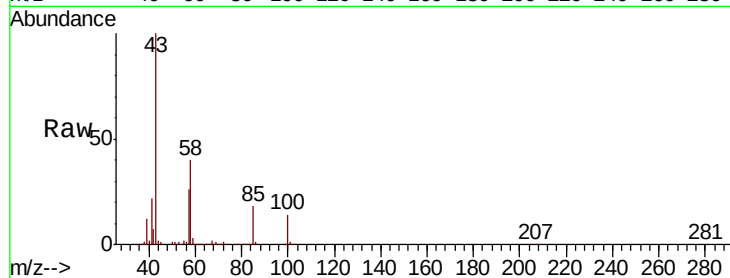
58 40.1 32.1 48.1

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#52

Toluene

Concen: 55.148 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059469.D

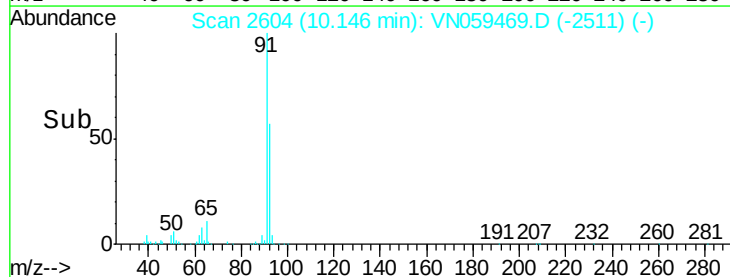
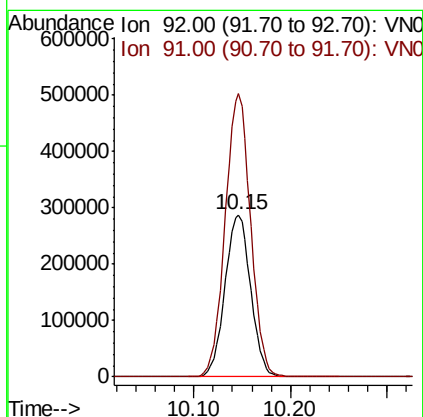
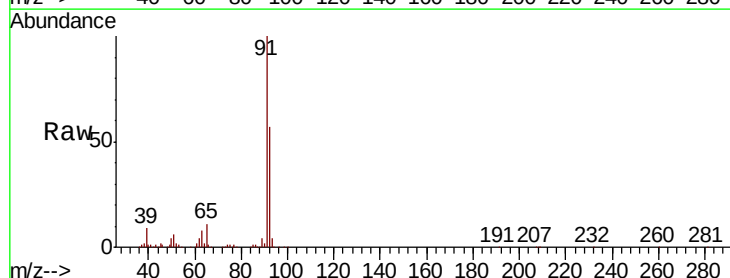
Acq: 3 Dec 2019 14:25

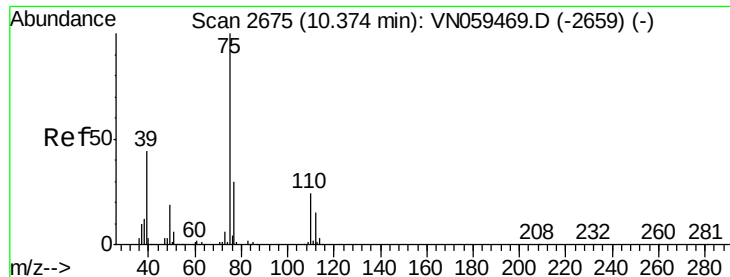
Tgt Ion: 92 Resp: 529393

Ion Ratio Lower Upper

92 100

91 173.3 138.6 208.0





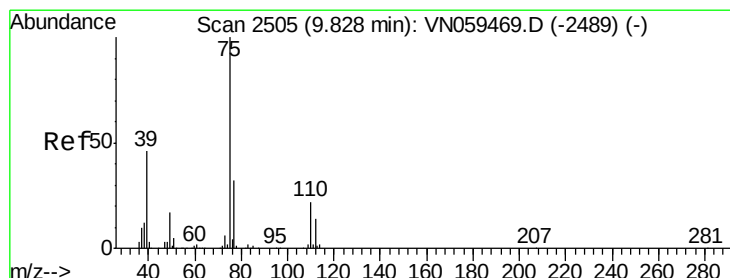
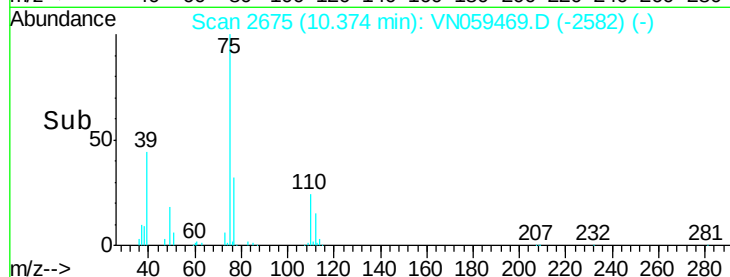
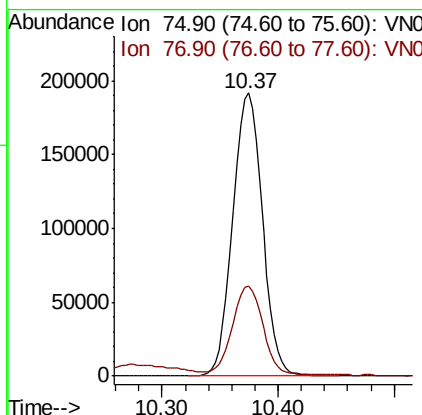
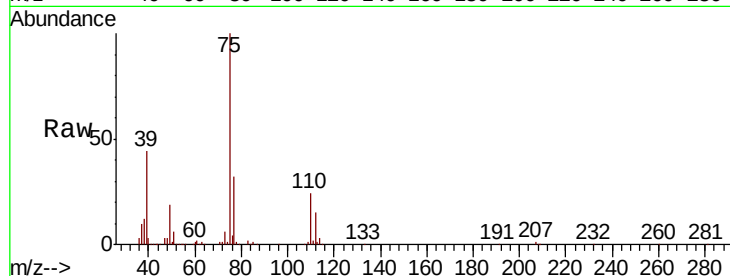
#53
t-1,3-Dichloropropene
Concen: 56.237 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 339717
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6

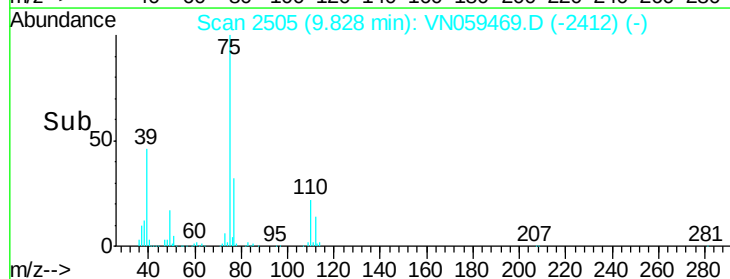
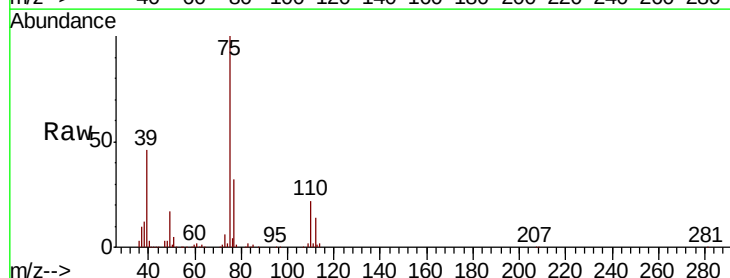
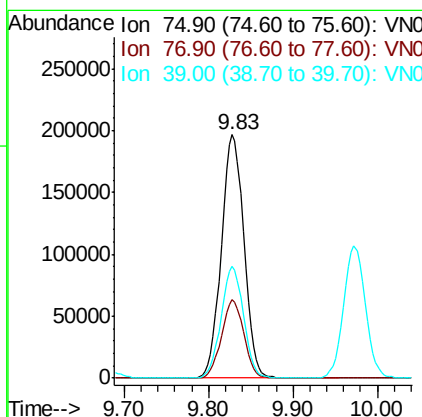
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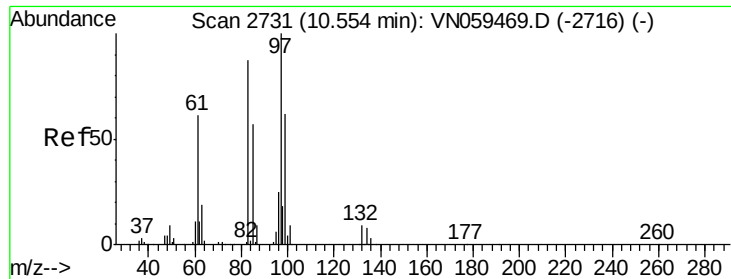
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#54
cis-1,3-Dichloropropene
Concen: 56.273 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion: 75 Resp: 365563
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
39 45.7 36.6 54.8





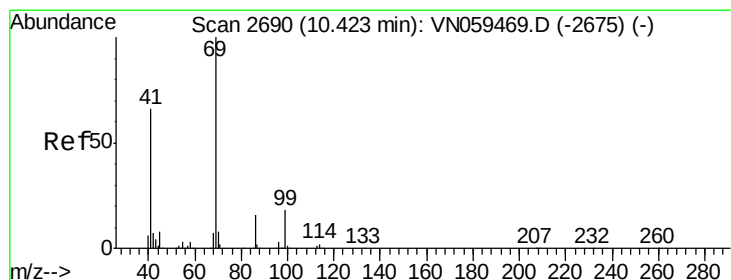
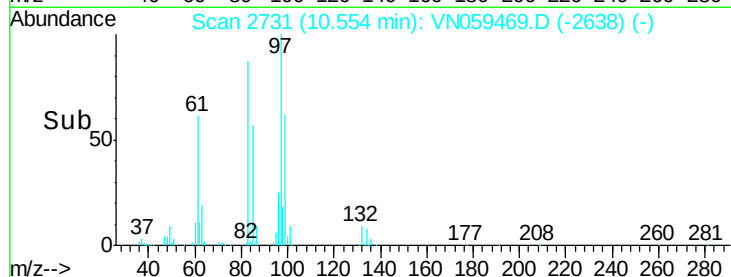
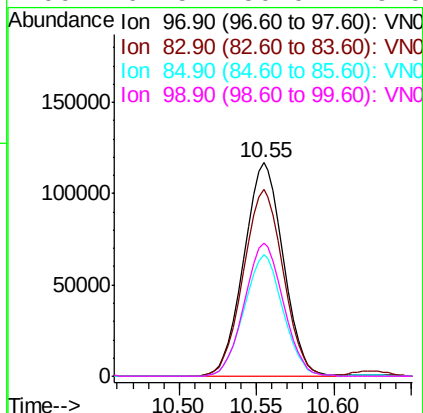
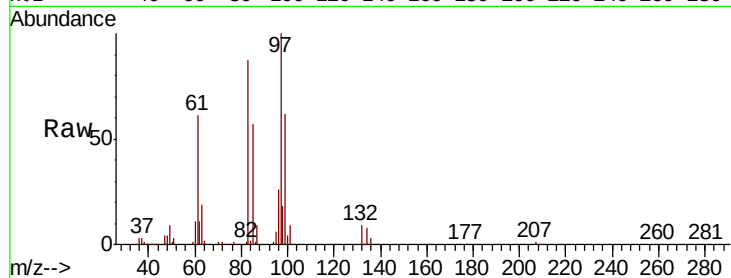
#55
 1,1,2-Trichloroethane
 Concen: 55.152 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	208079
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.8	104.8
85	56.9	45.5	68.3
99	62.5	50.0	75.0

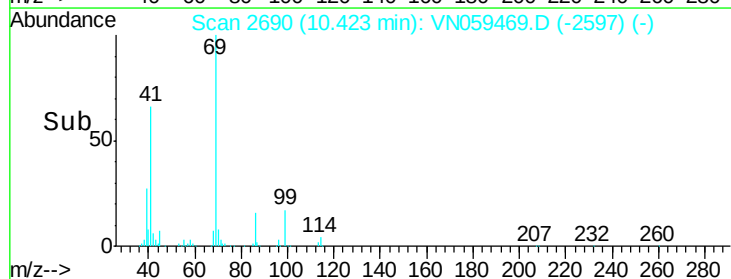
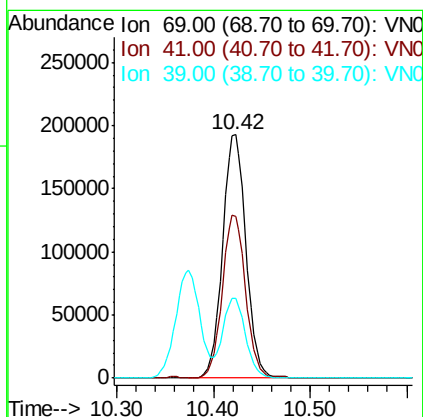
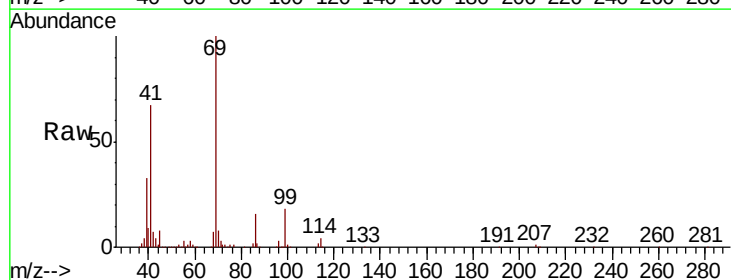
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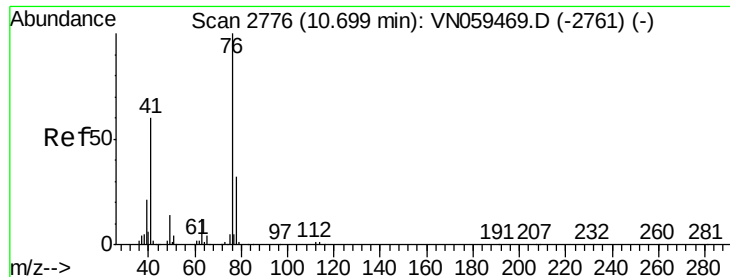
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#56
 Ethyl methacrylate
 Concen: 58.747 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Tgt Ion:	69	Resp:	323658
Ion	Ratio	Lower	Upper
69	100		
41	65.9	52.7	79.1
39	31.3	25.0	37.6





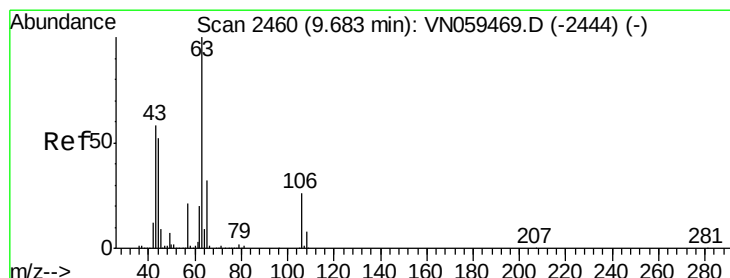
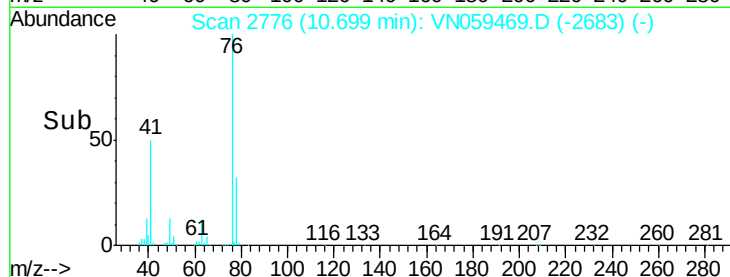
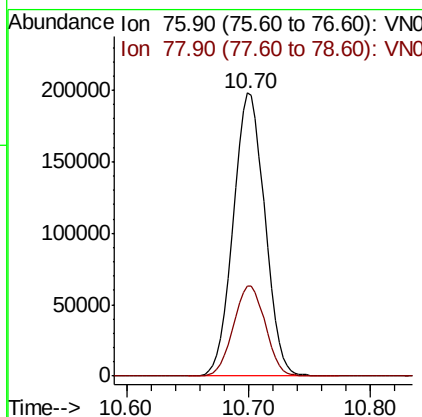
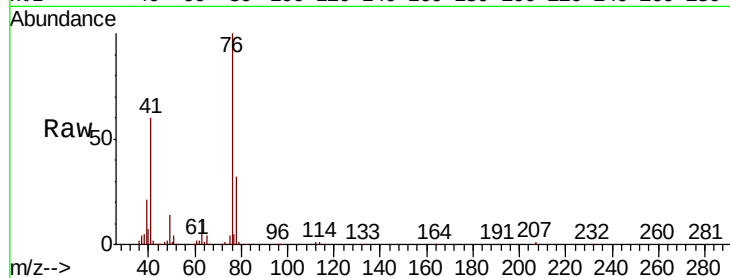
#57
 1,3-Dichloropropane
 Concen: 54.780 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 355897
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

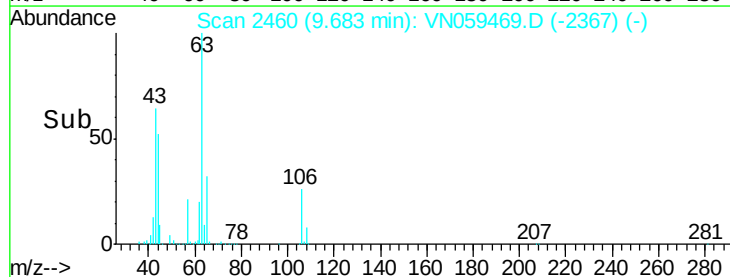
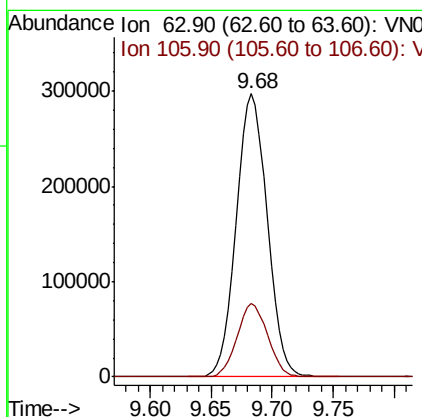
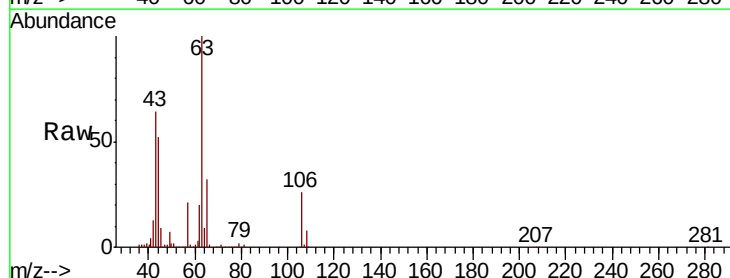
Manual Integrations
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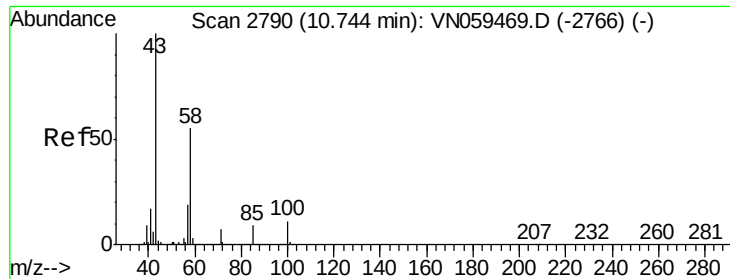
apatel
 12/4/2019 9:22:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 328.895 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Tgt Ion: 63 Resp: 522437
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.4 30.6





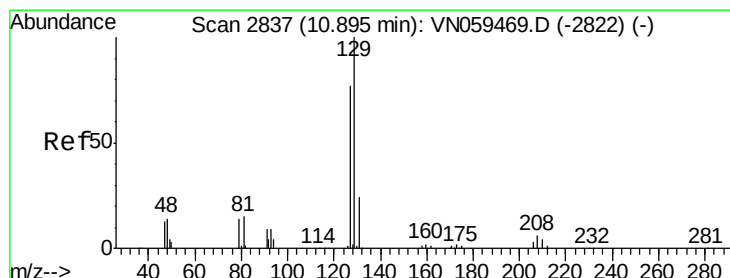
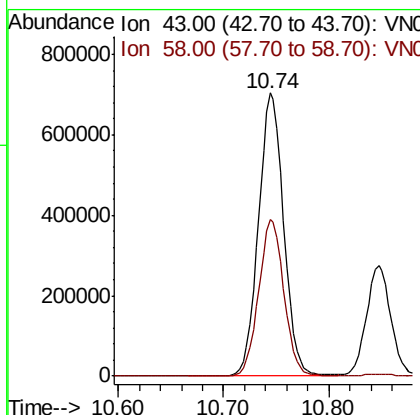
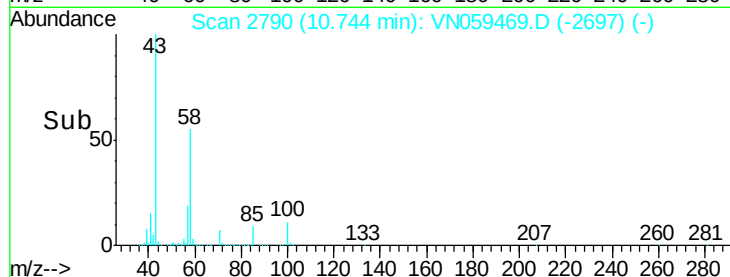
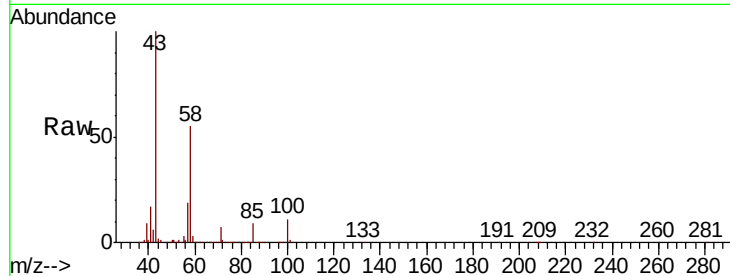
#59
2-Hexanone
Concen: 307.589 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1175976
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.0

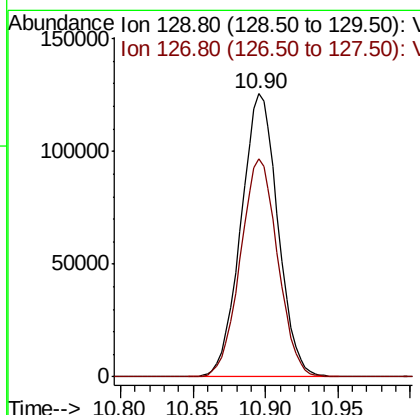
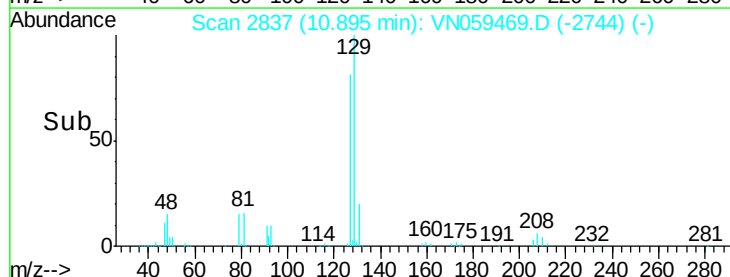
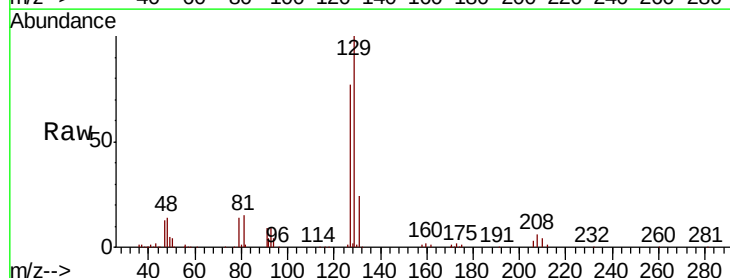
Manual Integrations
APPROVED

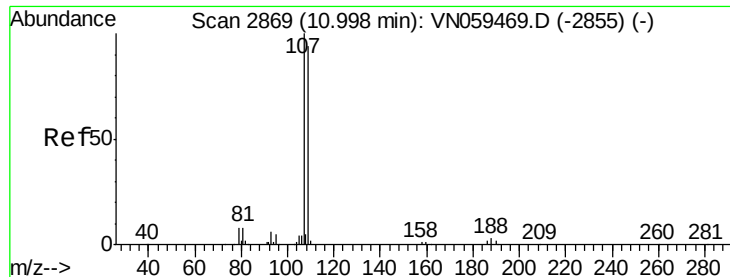
apatel
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#60
Dibromochloromethane
Concen: 56.616 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion: 129 Resp: 222106
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9





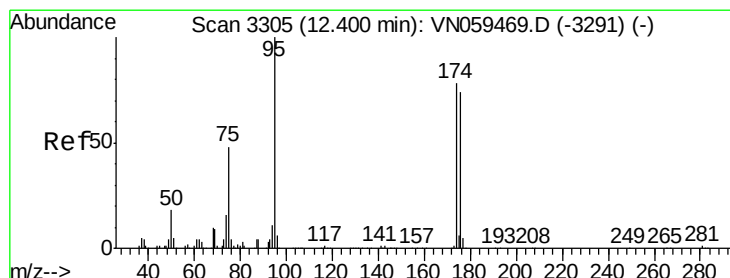
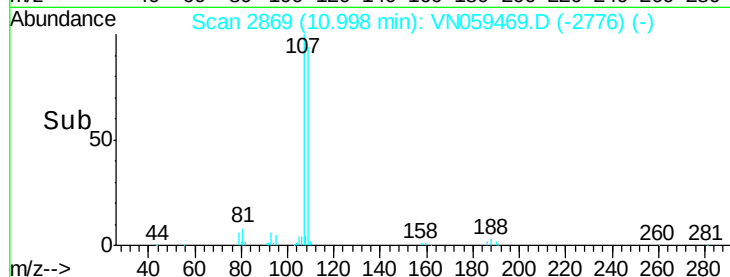
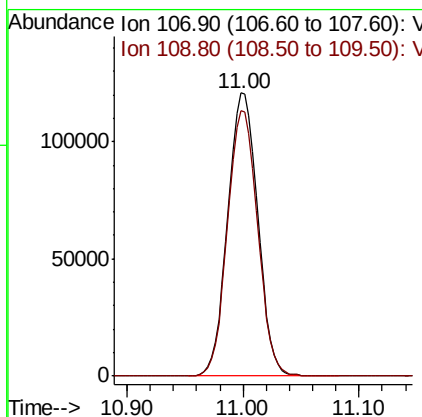
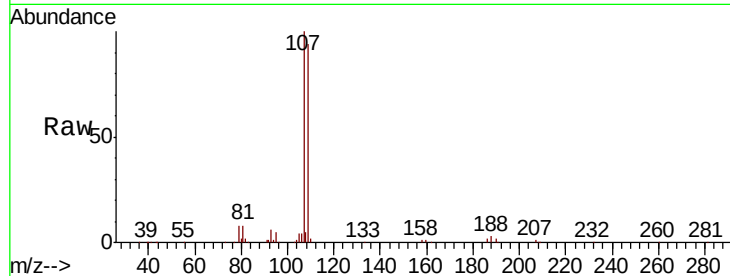
#61
 1,2-Dibromoethane
 Concen: 55.963 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.4	113.0

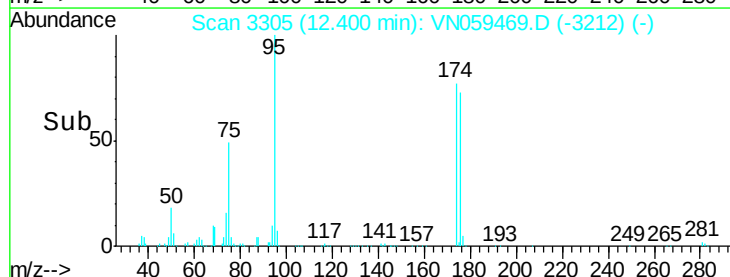
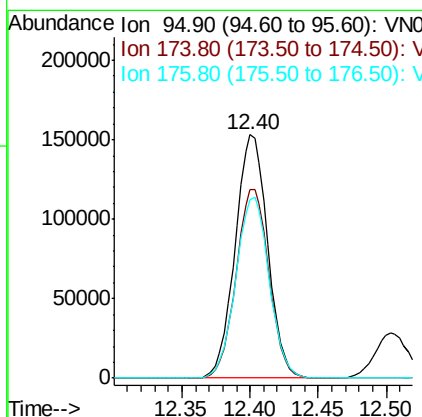
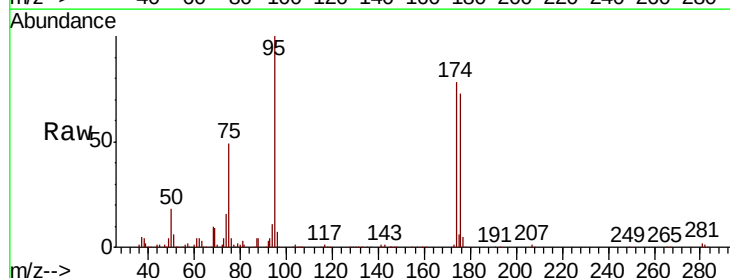
Manual Integrations
 APPROVED

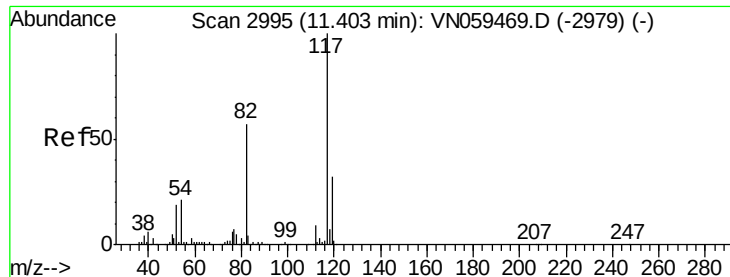
apatel
 12/4/2019 9:22:06 AM



#62
 4-Bromofluorobenzene
 Concen: 53.584 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	157.0
176	76.2	0.0	152.4





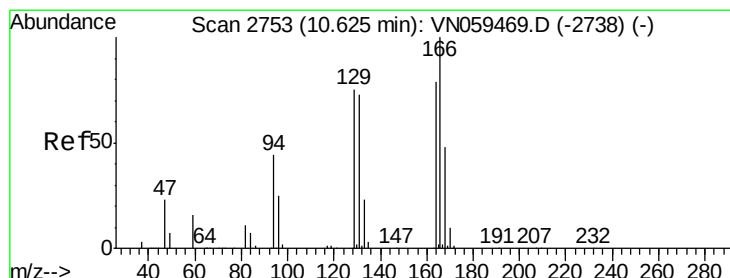
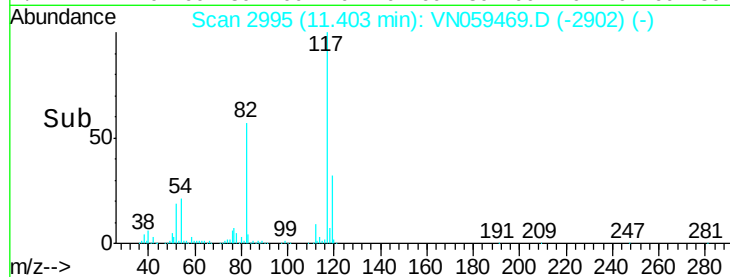
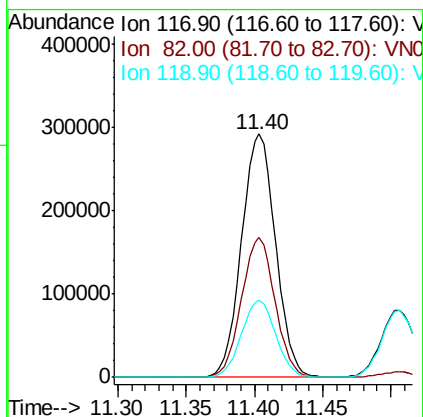
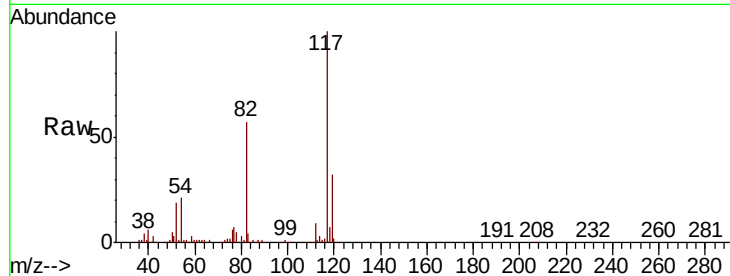
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.8	68.8
119	31.7	25.4	38.0

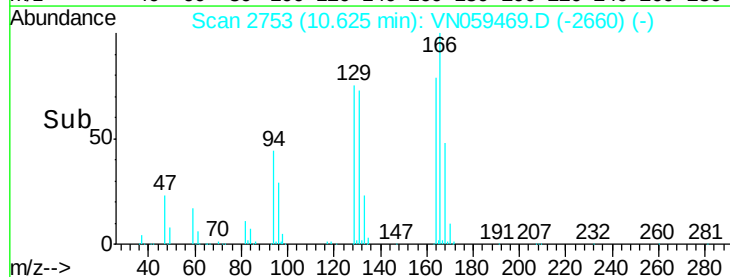
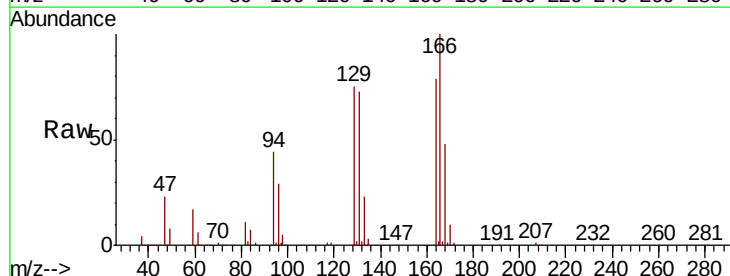
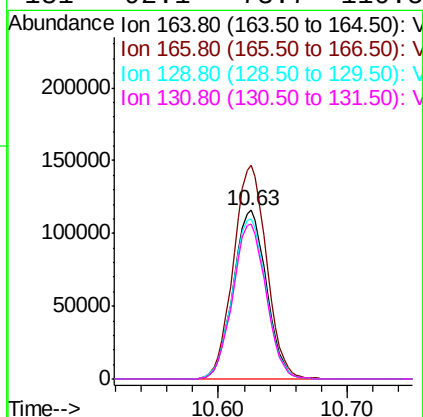
Manual Integrations
APPROVED

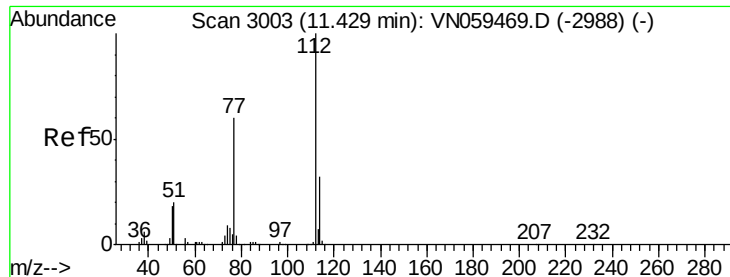
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#64
Tetrachloroethene
Concen: 54.728 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.2	151.8
129	95.1	76.1	114.1
131	92.1	73.7	110.5





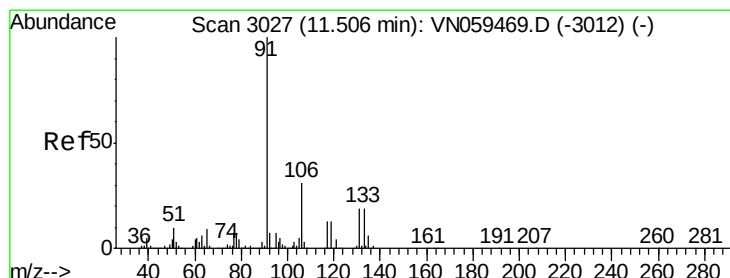
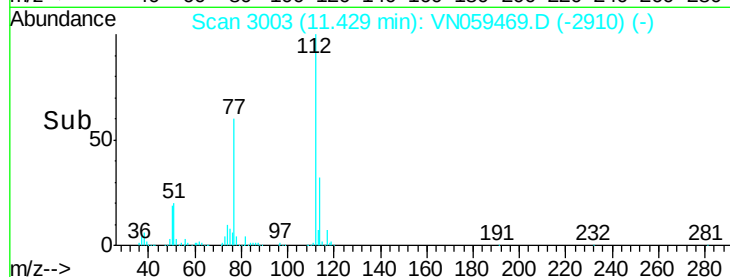
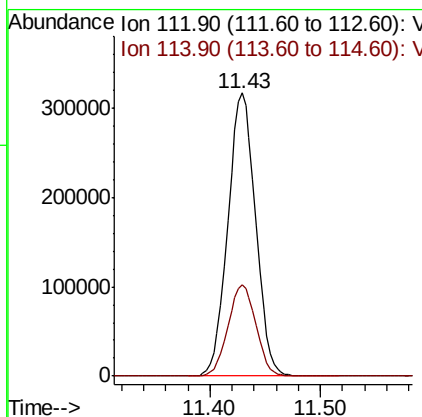
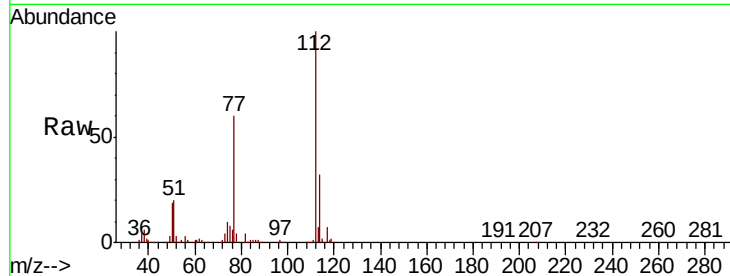
#65
Chlorobenzene
Concen: 53.264 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5

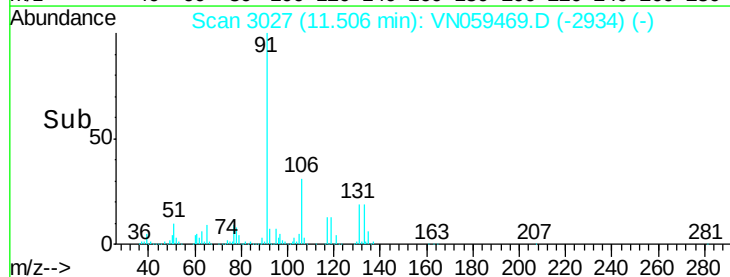
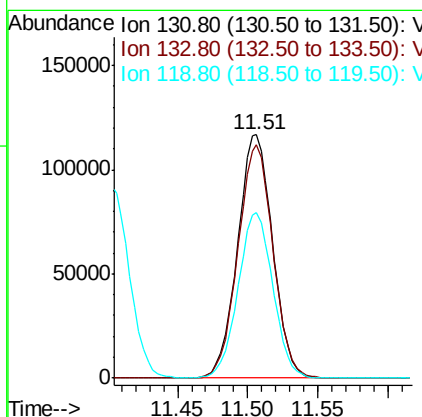
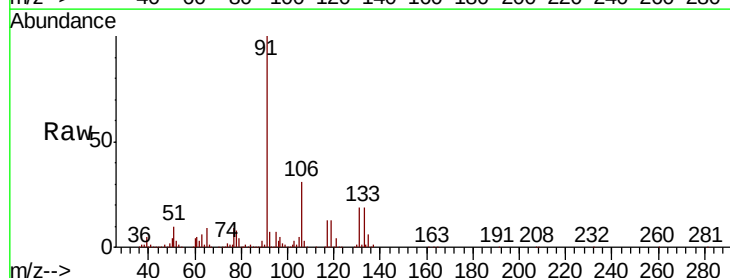
Manual Integrations
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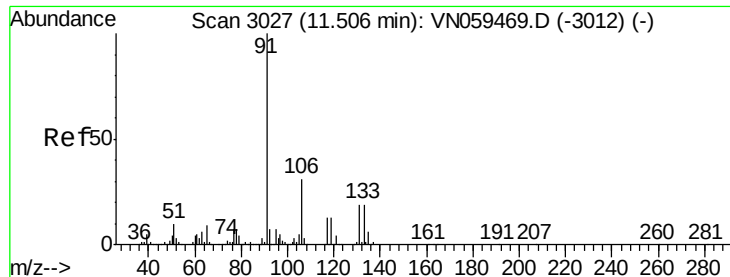
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.075 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.0	144.0
119	67.7	33.9	101.6





#67

Ethyl Benzene

Concen: 55.492 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1011997

Ion Ratio Lower Upper

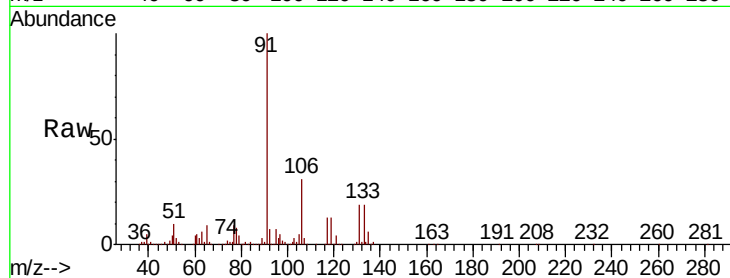
91 100

106 30.9 24.7 37.1

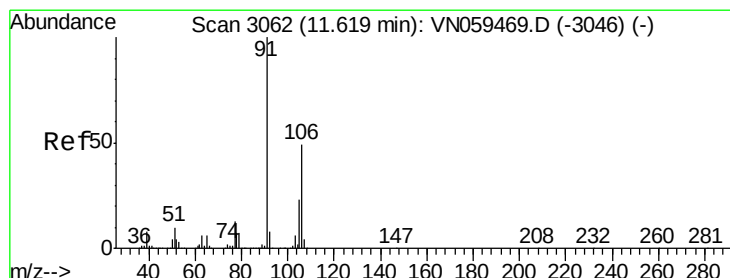
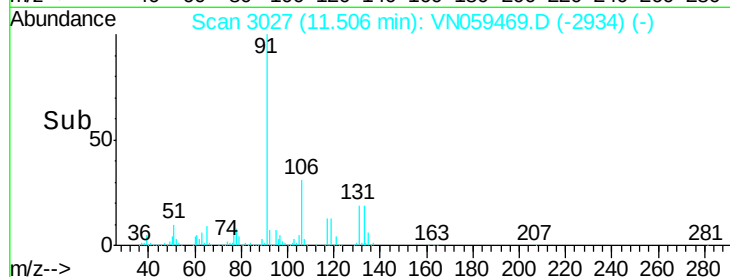
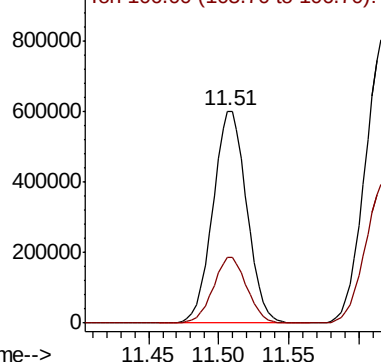
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN059469.D (-3012) (-)



#68

m/p-Xylenes

Concen: 112.114 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059469.D

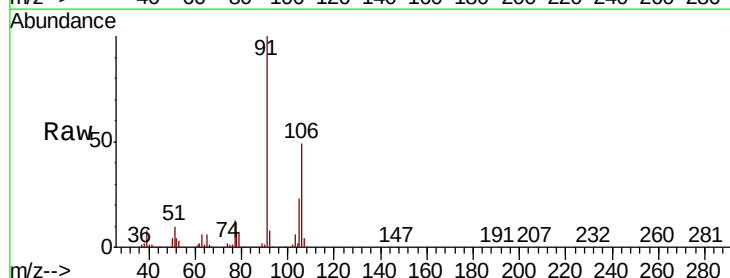
Acq: 3 Dec 2019 14:25

Tgt Ion: 106 Resp: 765162

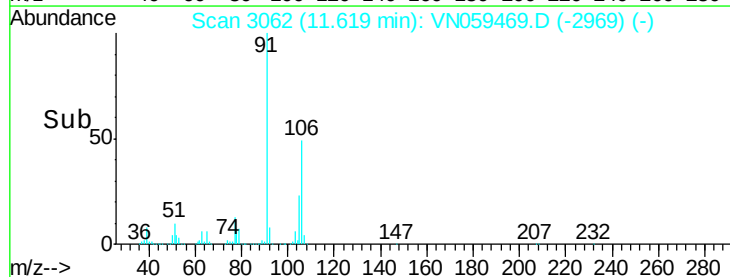
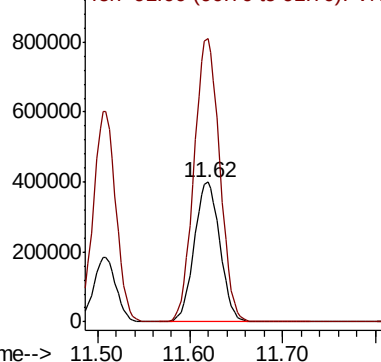
Ion Ratio Lower Upper

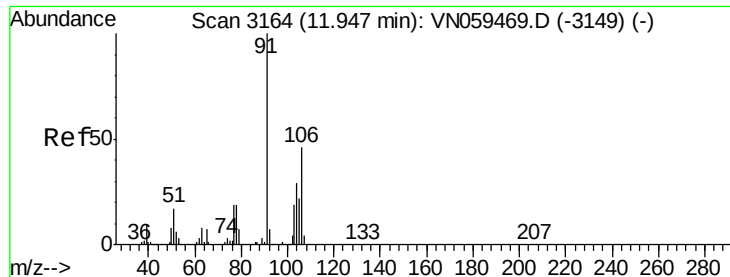
106 100

91 202.8 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): VN059469.D (-3046) (-)





#69

o-Xylene

Concen: 55.231 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion:106 Resp: 360010

Ion Ratio Lower Upper

106 100

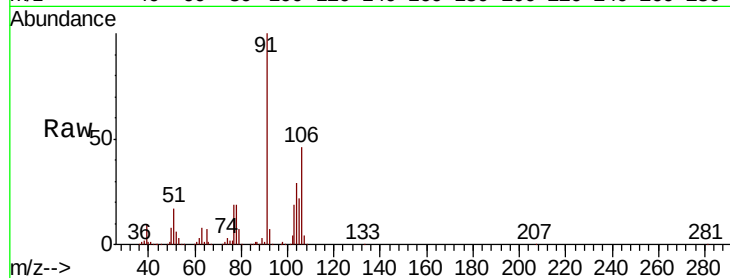
91 216.9 108.5 325.3

Manual Integrations

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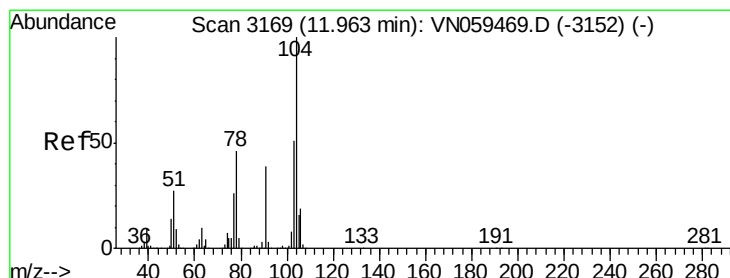
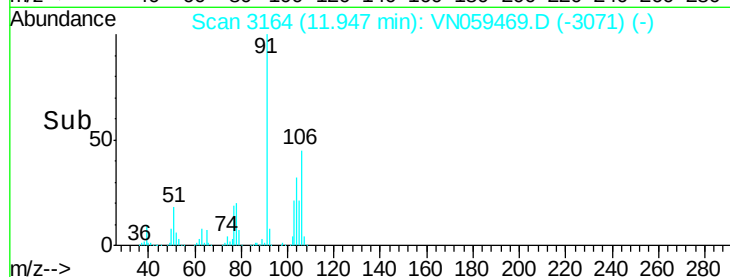
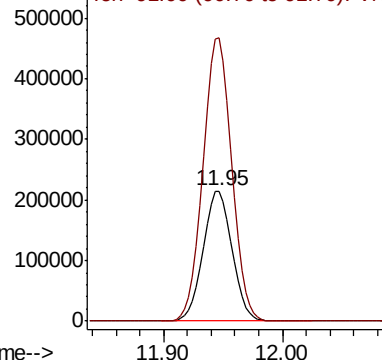
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 57.148 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

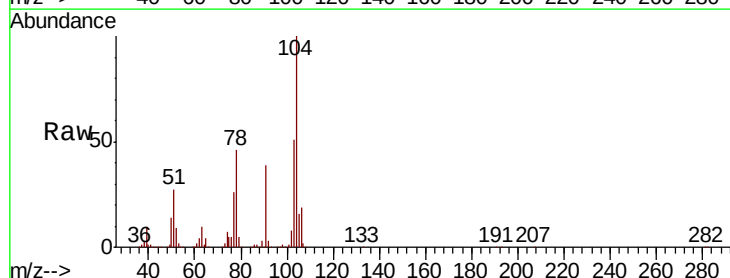
Tgt Ion:104 Resp: 584157

Ion Ratio Lower Upper

104 100

78 51.2 41.0 61.4

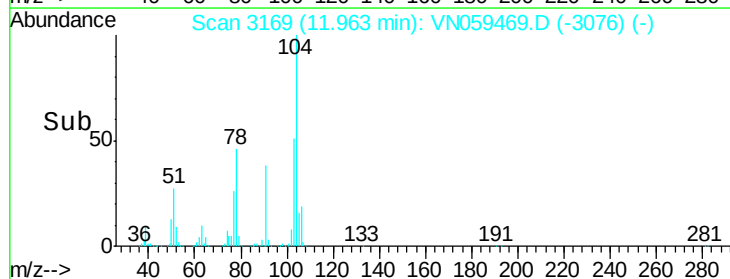
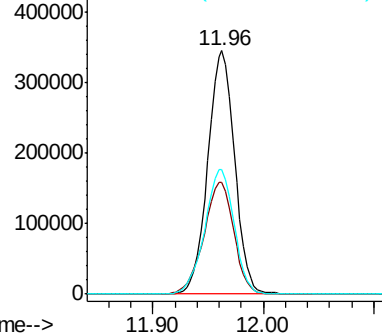
103 55.9 44.7 67.1

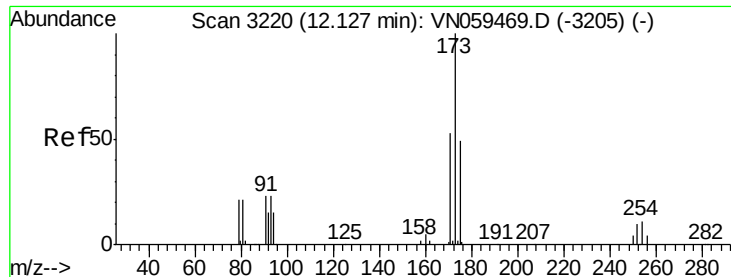


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





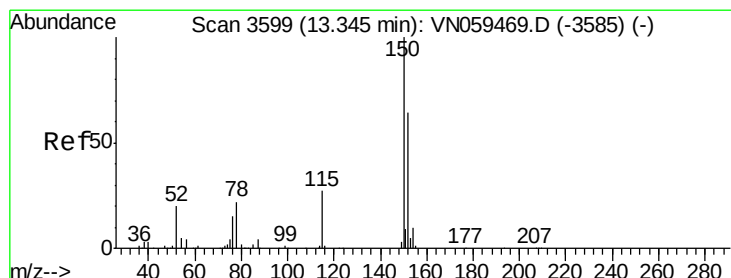
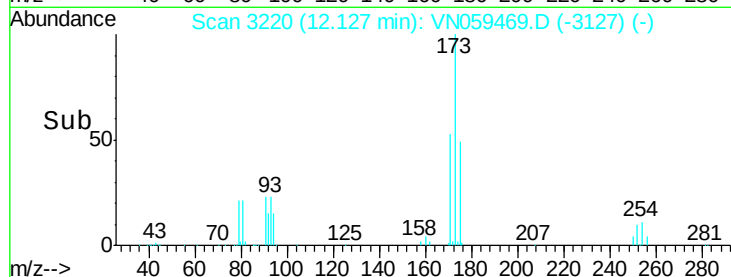
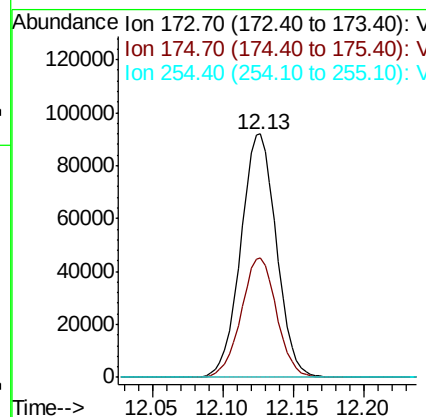
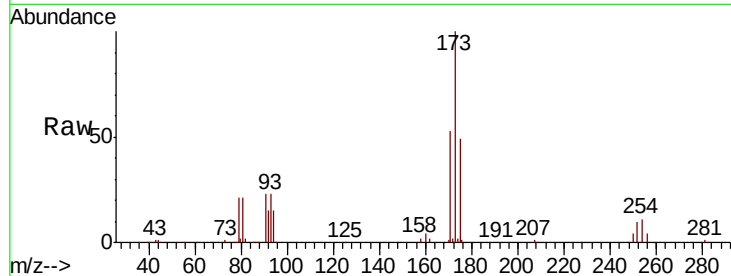
#71
Bromoform
Concen: 56.557 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	73.0
254	0.0	0.0	0.0

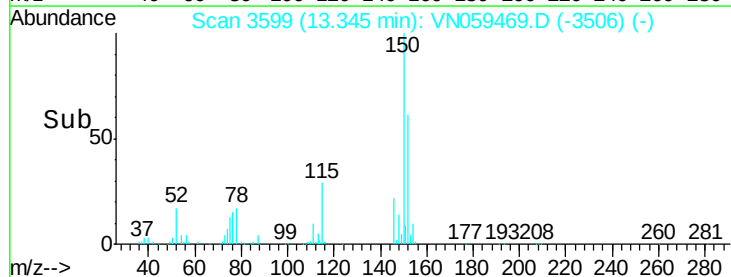
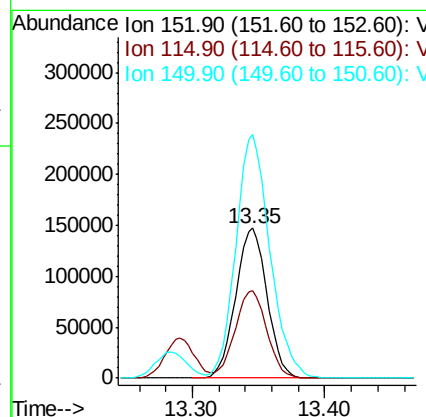
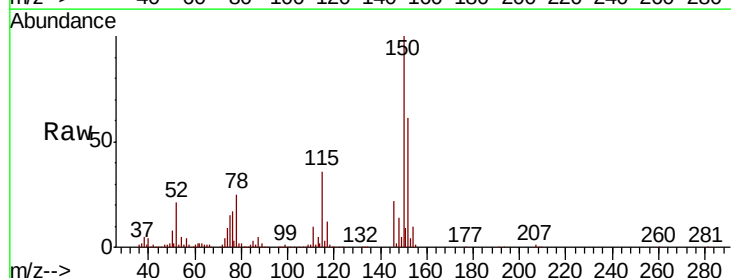
Manual Integrations
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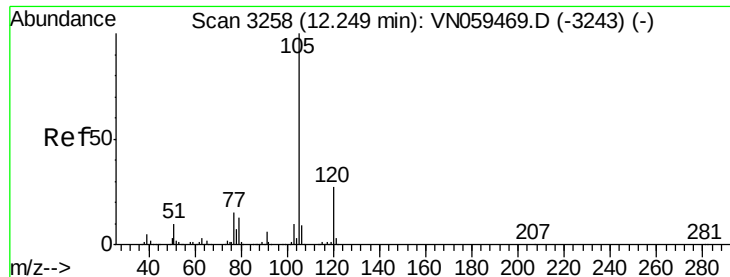
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.2	87.6
150	176.4	0.0	352.8





#73

Isopropylbenzene

Concen: 53.674 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 974099

Ion Ratio Lower Upper

105 100

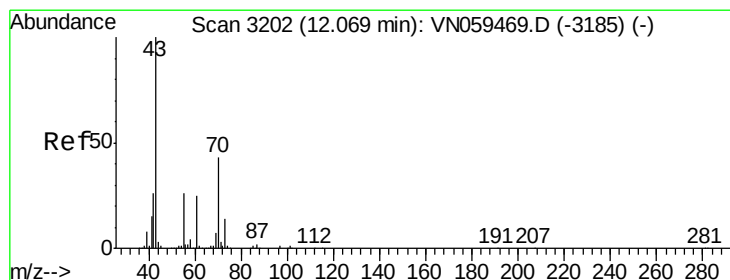
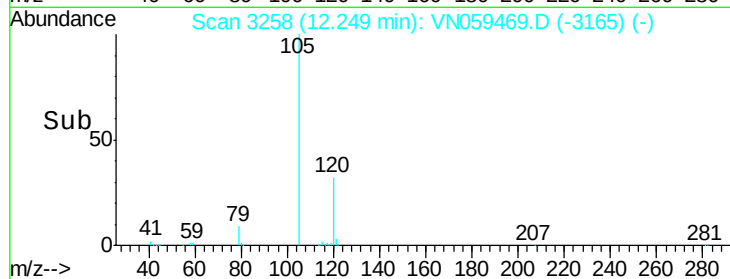
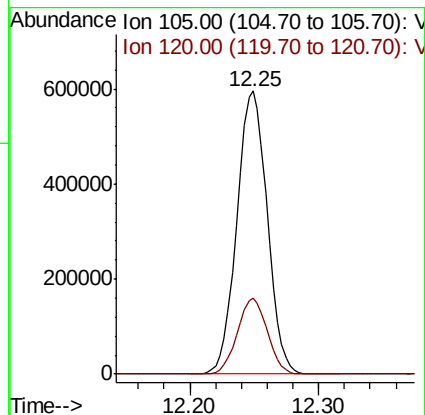
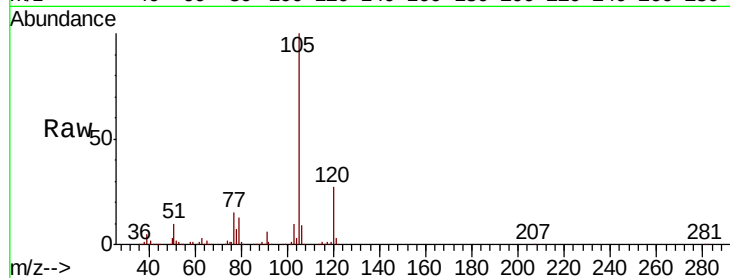
120 26.4 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 59.096 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Tgt Ion: 43 Resp: 409563

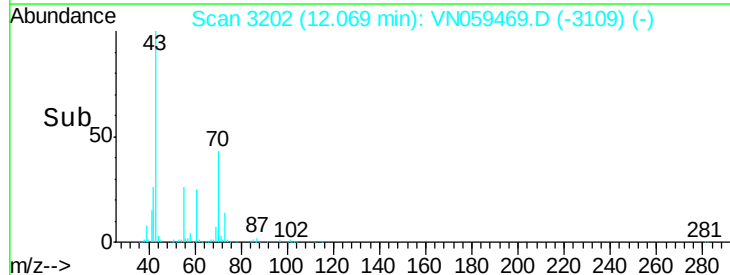
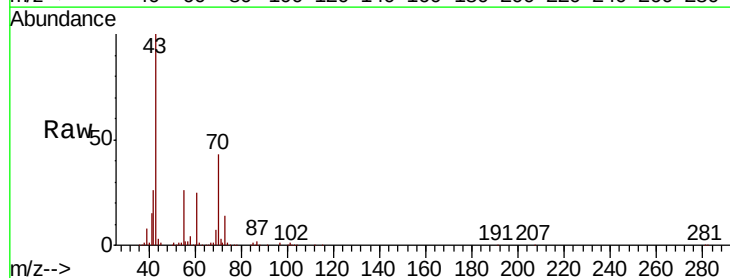
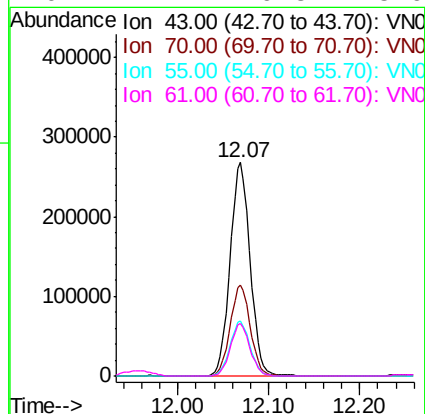
Ion Ratio Lower Upper

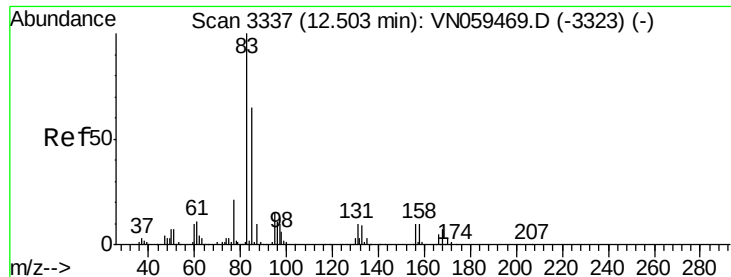
43 100

70 42.7 34.2 51.2

55 25.8 20.6 31.0

61 24.1 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.447 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

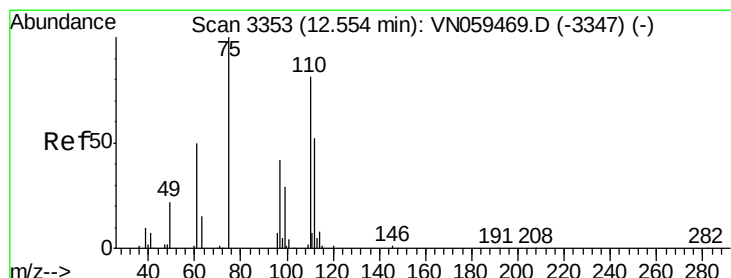
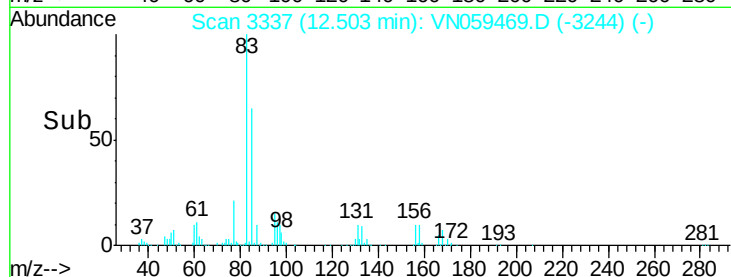
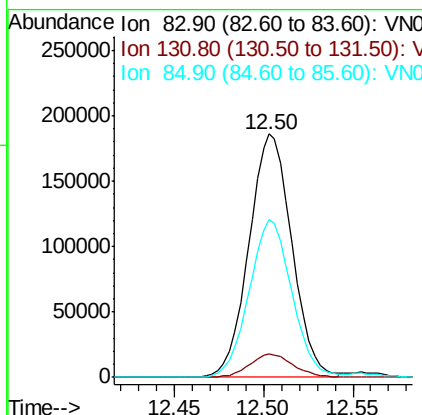
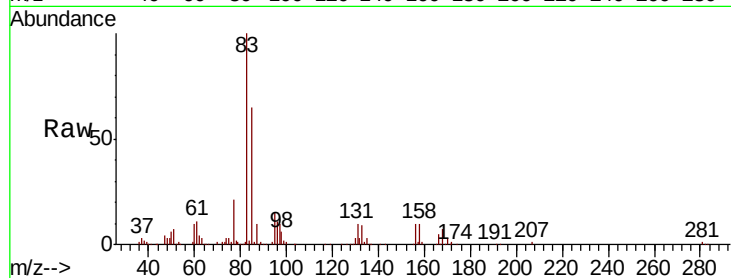
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	312397
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	64.4	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.327 ug/l m

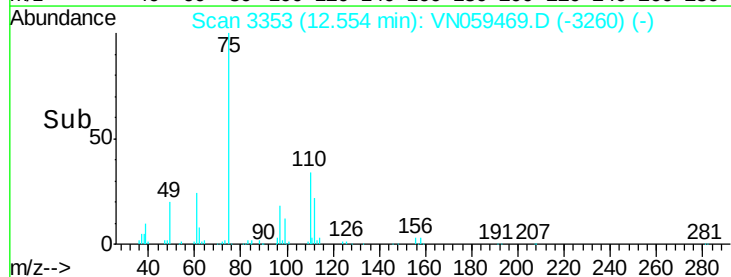
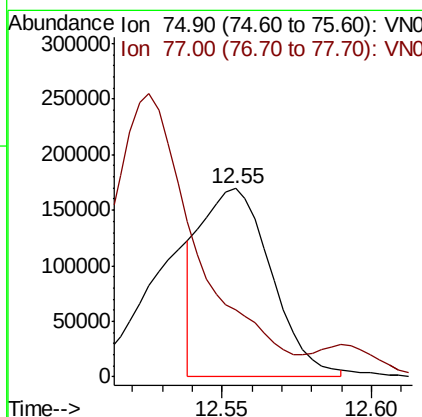
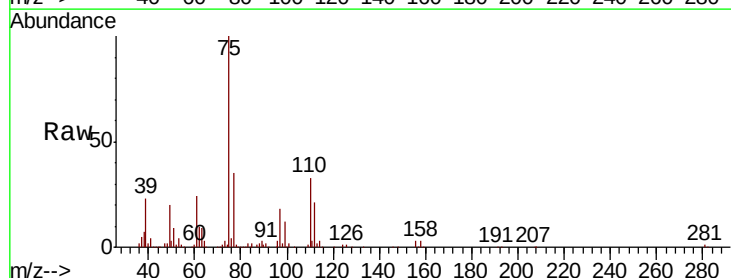
RT: 12.55 min Scan# 3353

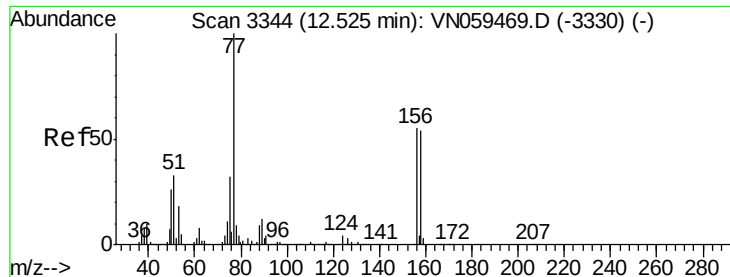
Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Tgt Ion:	75	Resp:	277367
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.759 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 234328

Ion Ratio Lower Upper

156 100

77 220.7 110.3 331.0

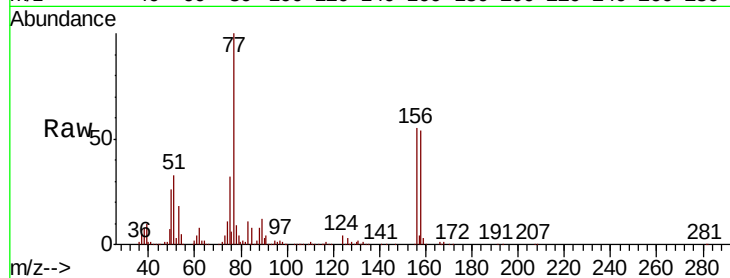
158 97.0 48.5 145.5

Manual Integrations

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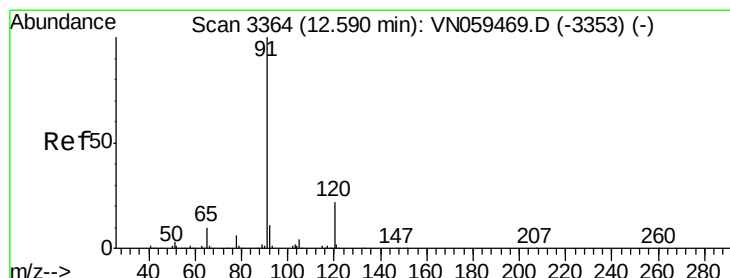
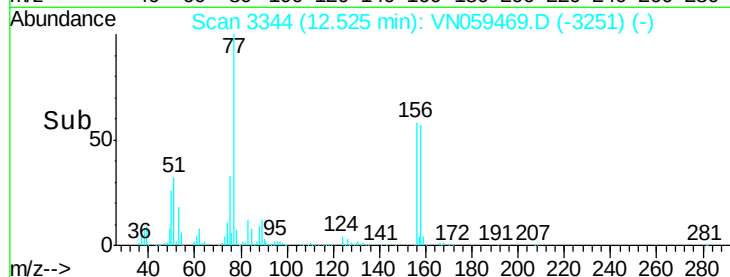
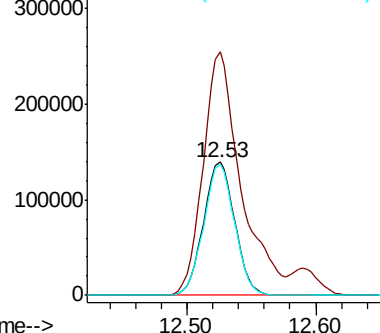
12/4/2019 9:22:06 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.063 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059469.D

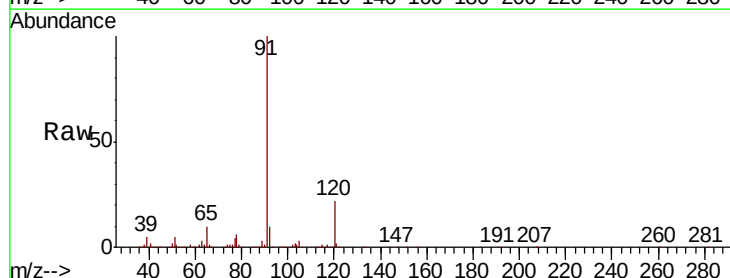
Acq: 3 Dec 2019 14:25

Tgt Ion: 91 Resp: 1154426

Ion Ratio Lower Upper

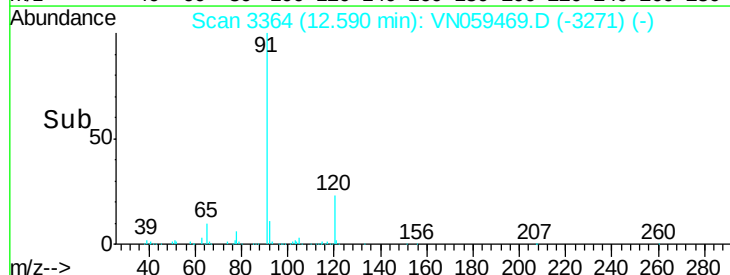
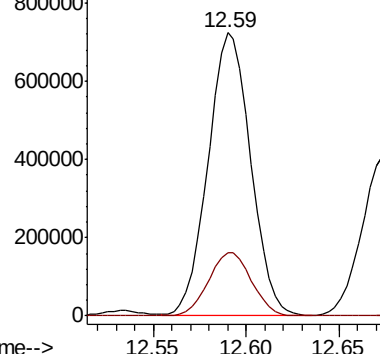
91 100

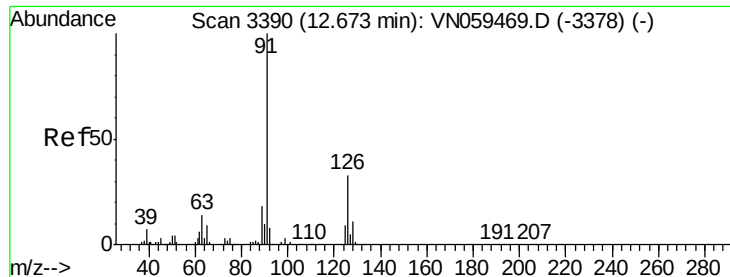
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.558 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN059469.D

Acq: 3 Dec 2019 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 670683

Ion Ratio Lower Upper

91 100

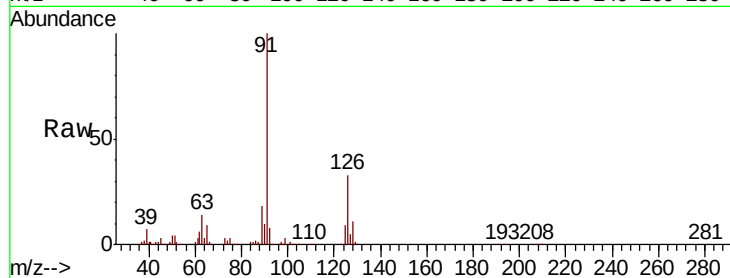
126 33.2 16.6 49.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN059469.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN059469.D (-3378) (-)

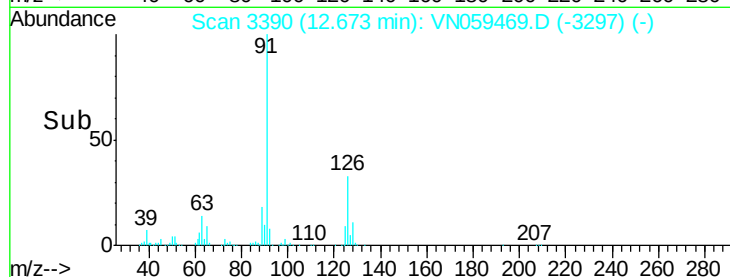
600000

400000

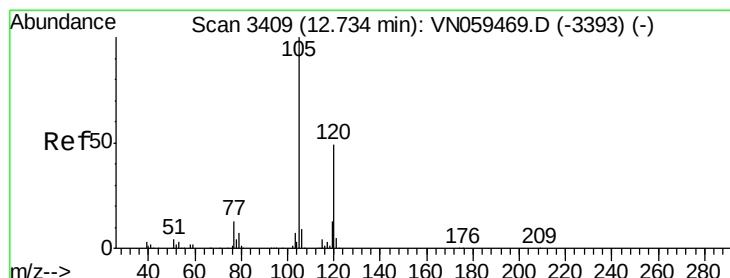
200000

0

12.60 12.65 12.70



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.108 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059469.D

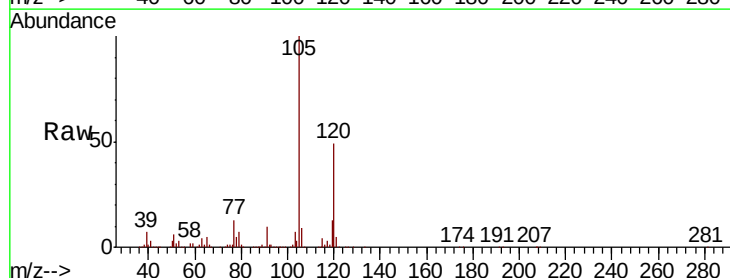
Acq: 3 Dec 2019 14:25

Tgt Ion: 105 Resp: 825505

Ion Ratio Lower Upper

105 100

120 48.7 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN059469.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN059469.D (-3393) (-)

600000

500000

400000

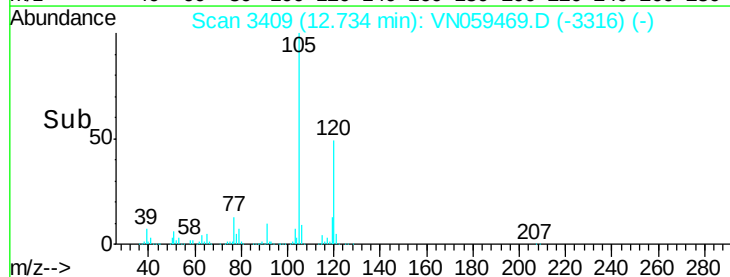
300000

200000

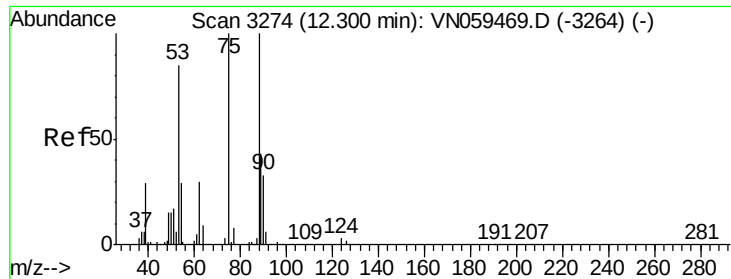
100000

0

12.70 12.80



Time-->



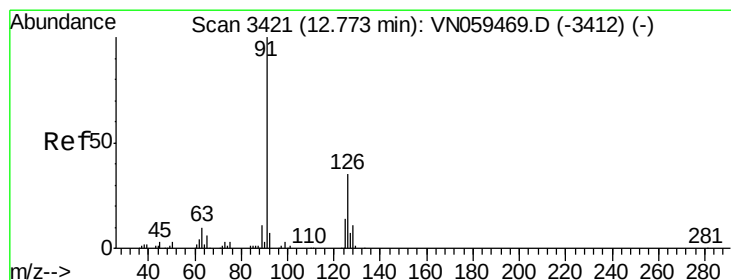
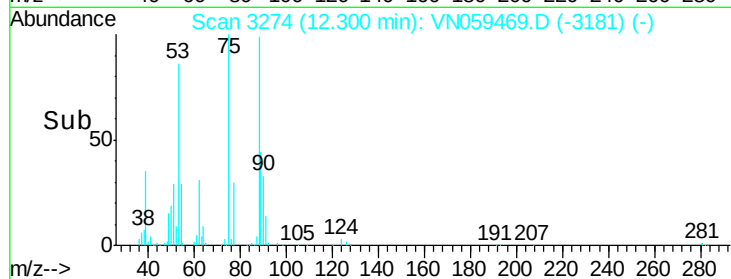
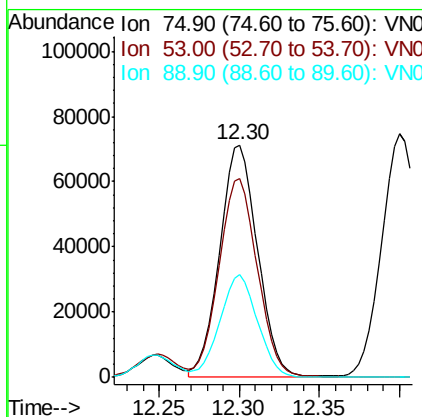
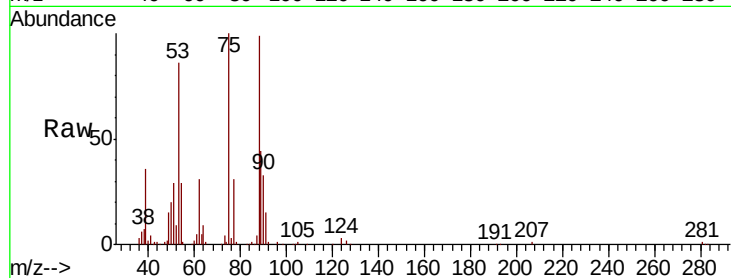
#81
trans-1,4-Dichloro-2-butene
Concen: 53.349 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.2	69.8	104.6
89	44.0	35.2	52.8

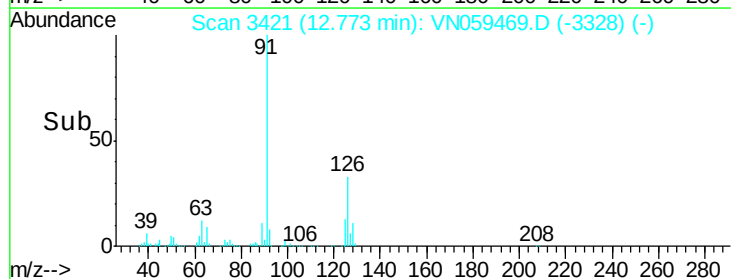
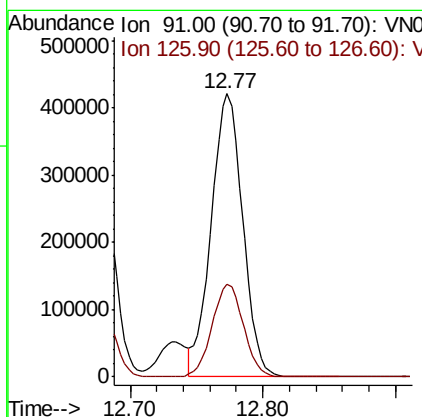
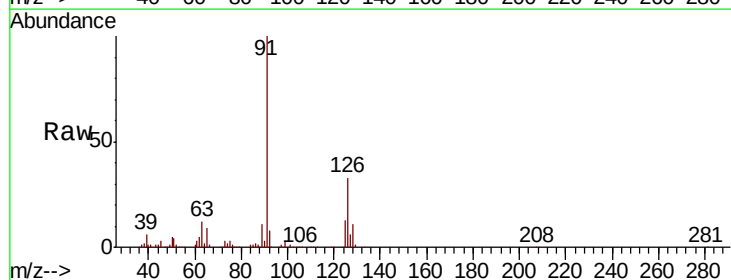
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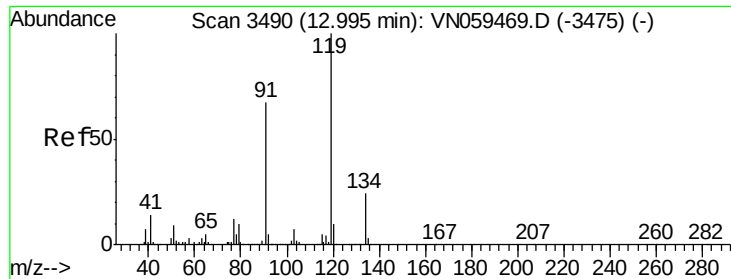
apatel
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#82
4-Chlorotoluene
Concen: 53.805 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.2





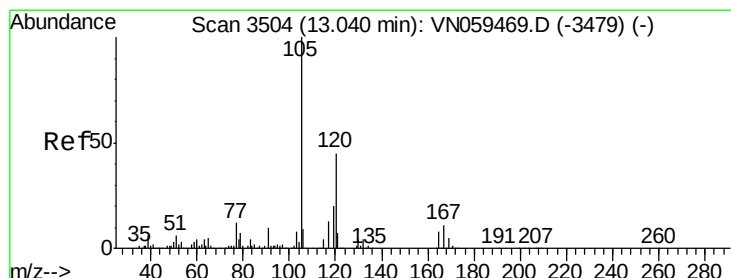
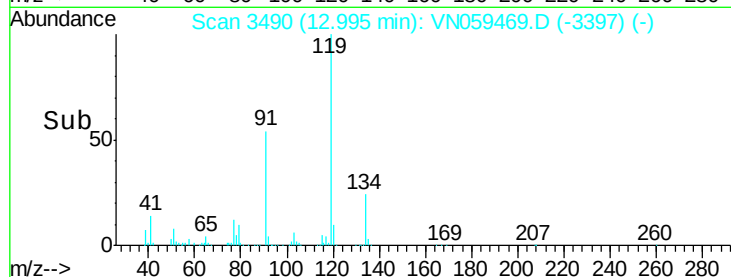
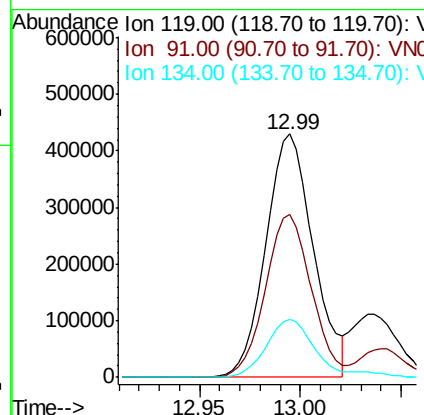
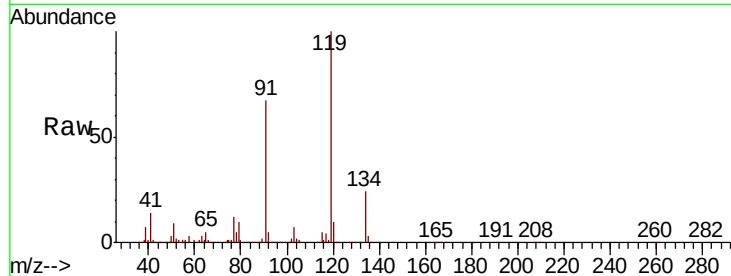
#83
 tert-Butylbenzene
 Concen: 53.549 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.6	97.7
134	25.1	12.6	37.6

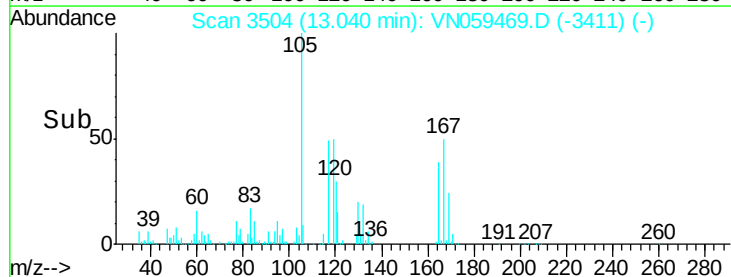
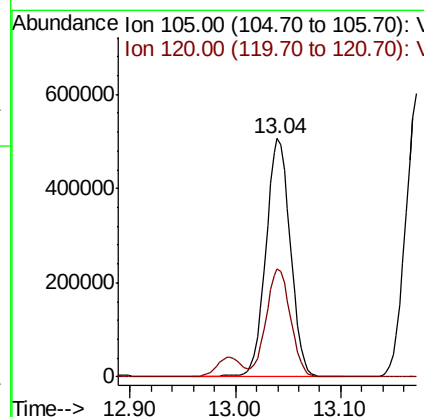
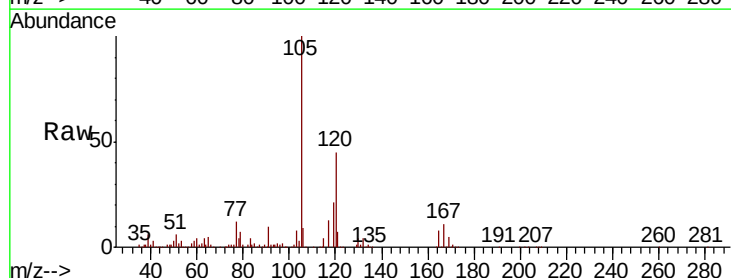
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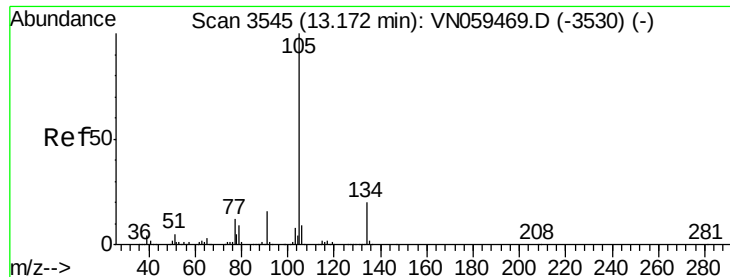
apatel
 12/4/2019 9:22:06 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 54.872 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.8





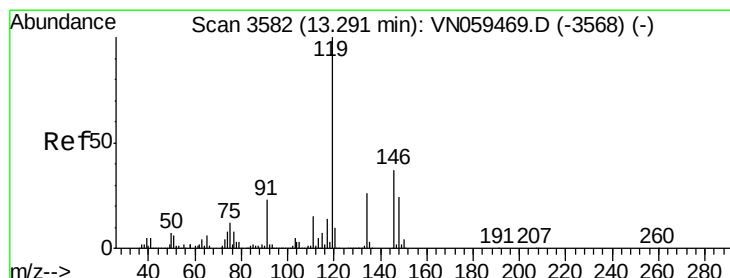
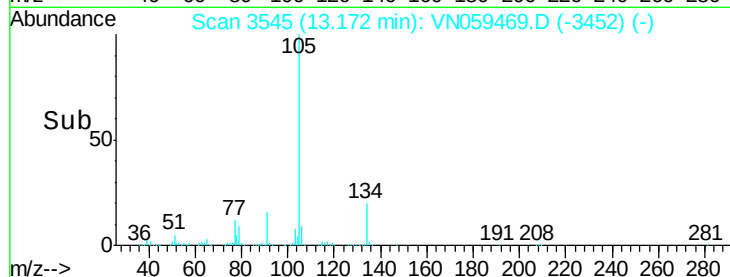
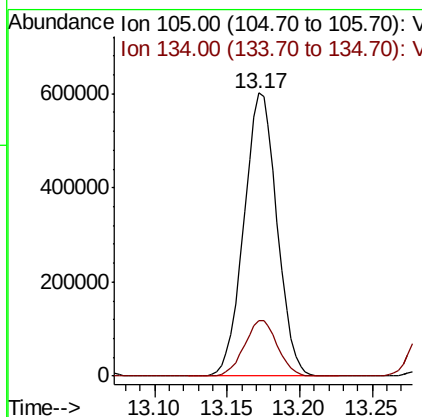
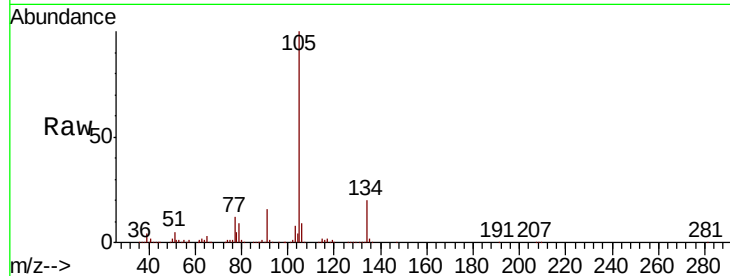
#85
 sec-Butylbenzene
 Concen: 54.751 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

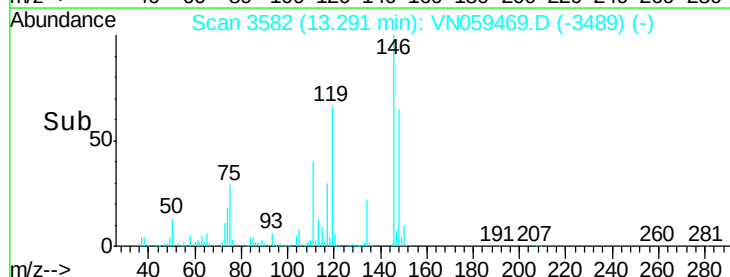
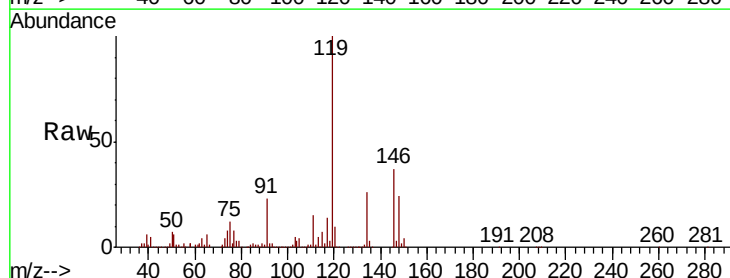
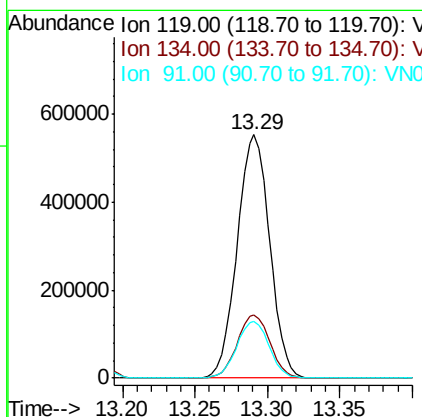
Manual Integrations
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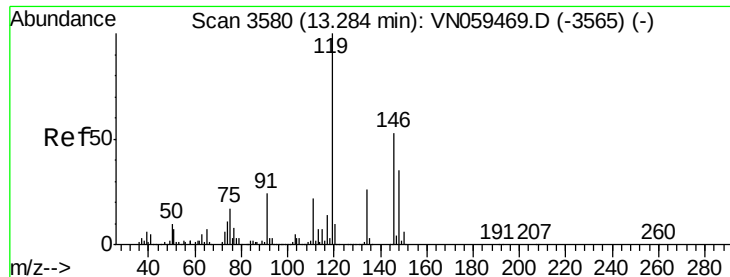
apatel
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#86
 p-Isopropyltoluene
 Concen: 54.548 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	23.4	11.7	35.1





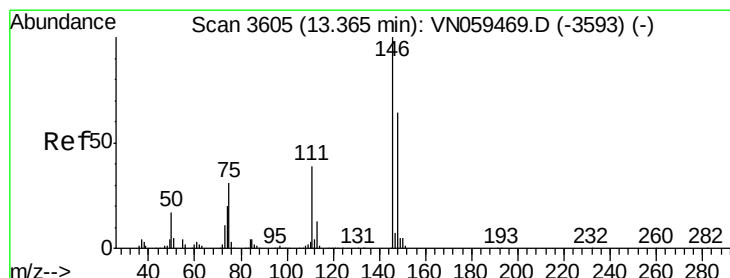
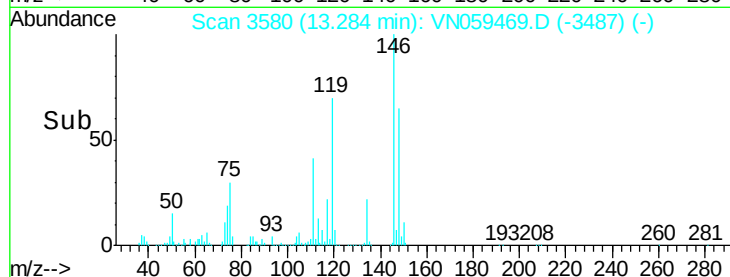
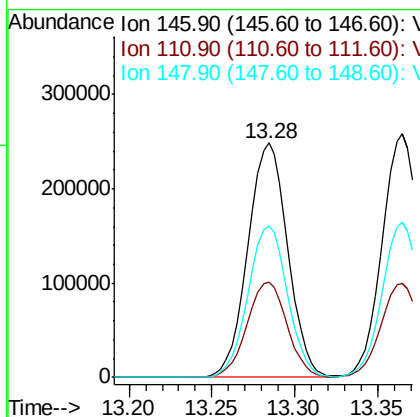
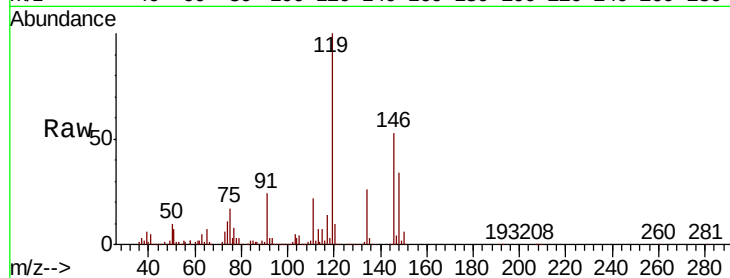
#87
 1,3-Dichlorobenzene
 Concen: 52.860 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.3
148	64.3	32.1	96.5

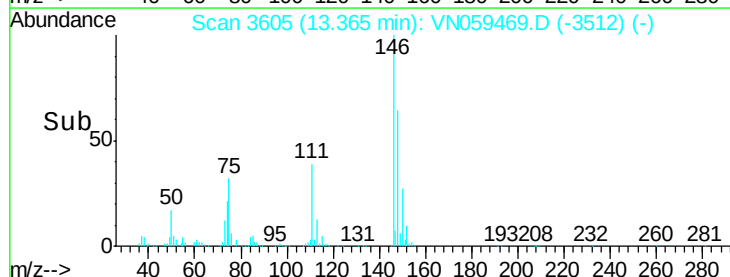
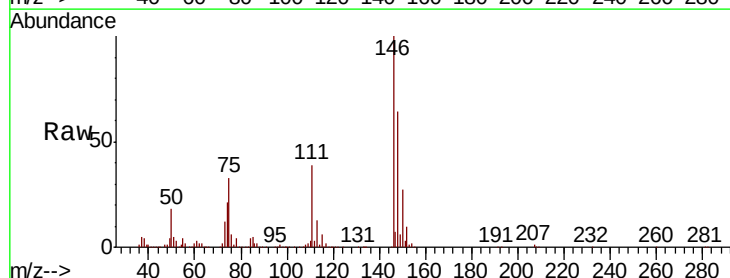
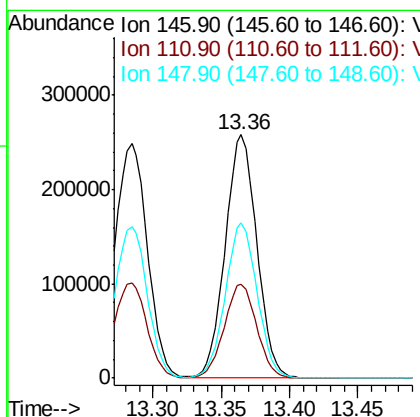
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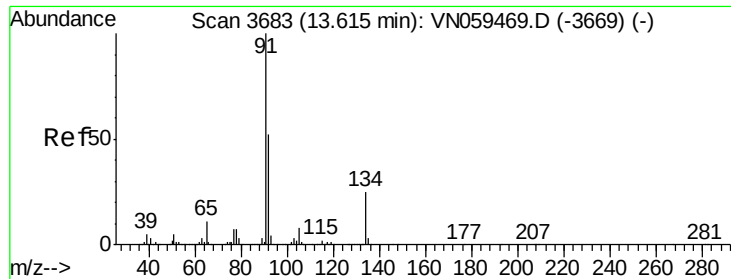
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 52.523 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	64.0	32.0	96.0





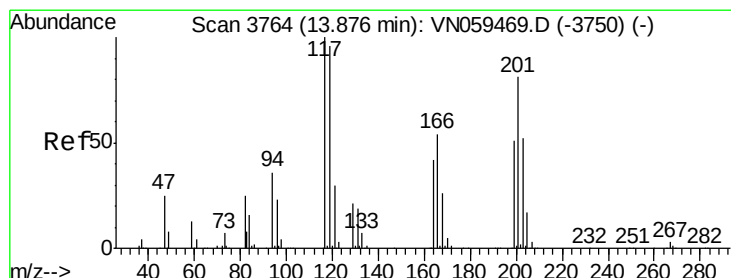
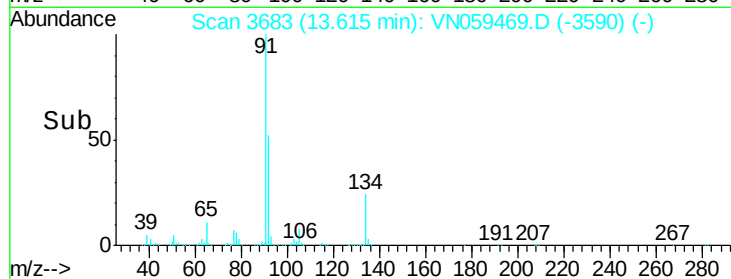
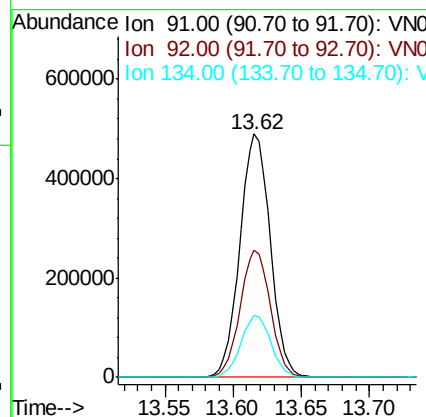
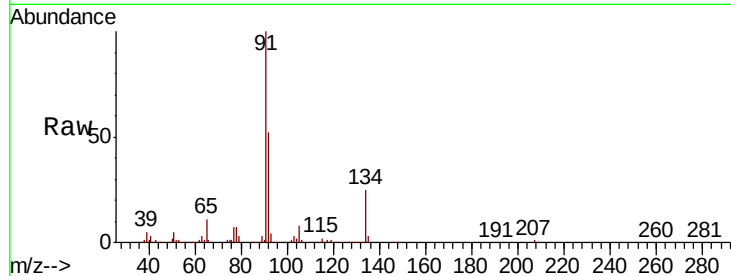
#89
n-Butylbenzene
Concen: 55.036 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	25.1	12.6	37.6

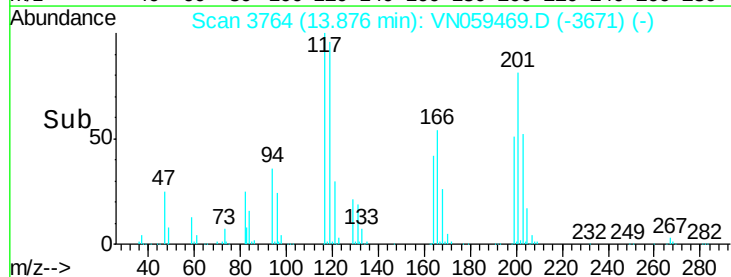
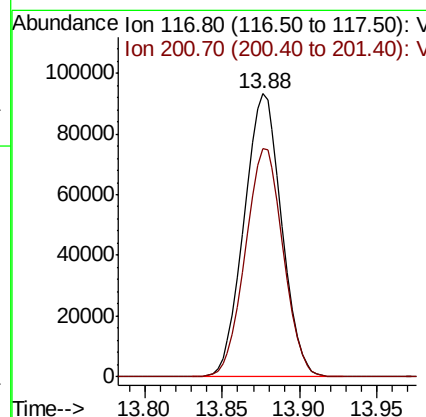
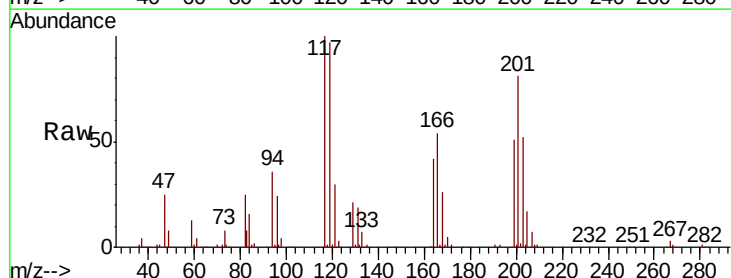
Manual Integrations
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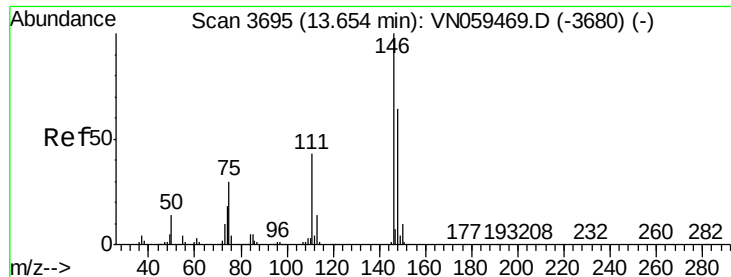
apatel
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#90
Hexachloroethane
Concen: 52.280 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.3	40.6	122.0





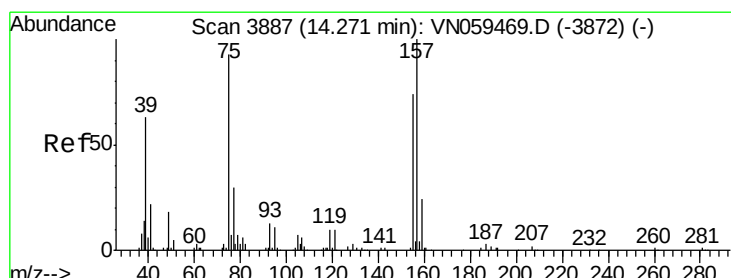
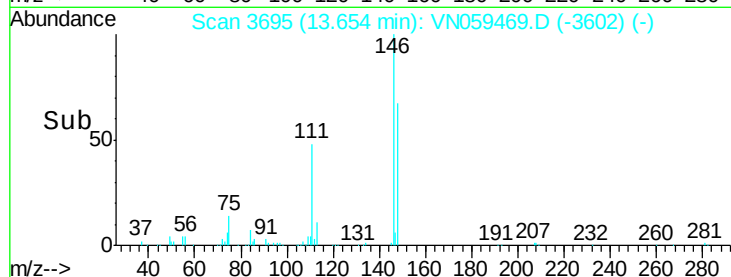
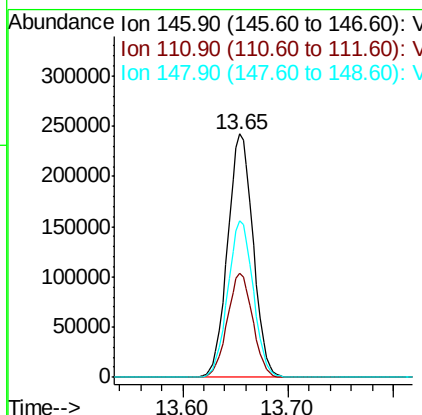
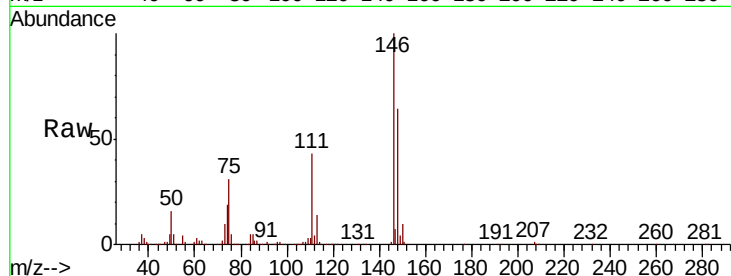
#91
 1,2-Dichlorobenzene
 Concen: 52.392 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.7
148	64.4	32.2	96.6

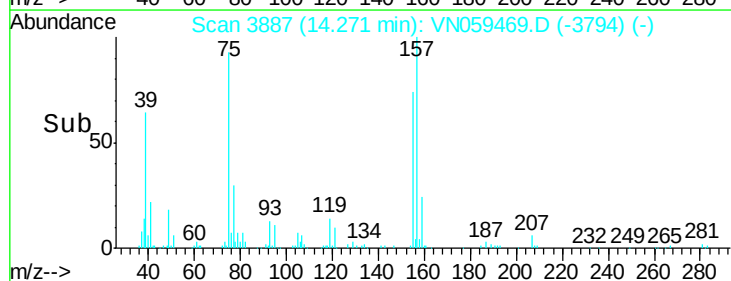
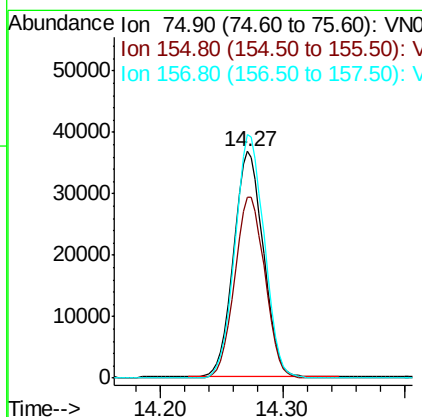
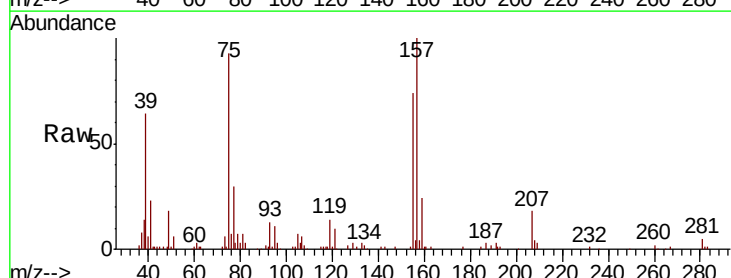
Manual Integrations
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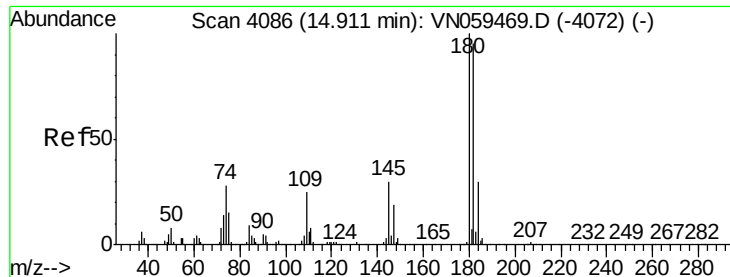
apatel
 12/4/2019 9:22:06 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.949 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	40.6	122.0
157	105.8	52.9	158.7





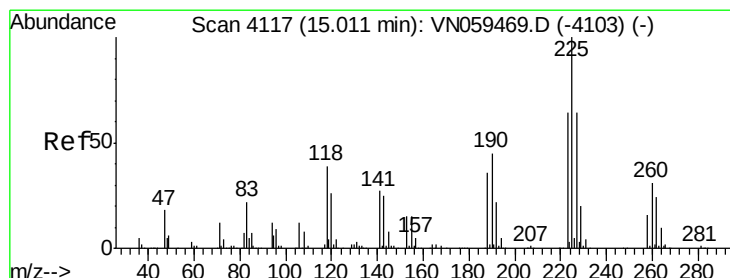
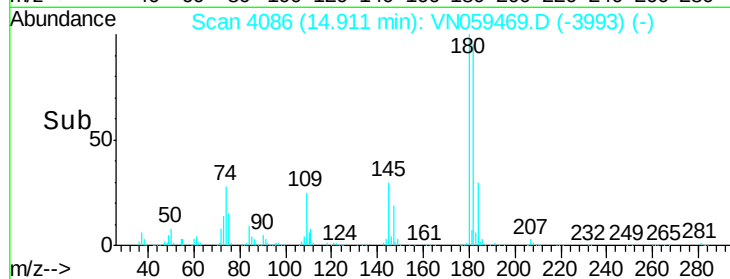
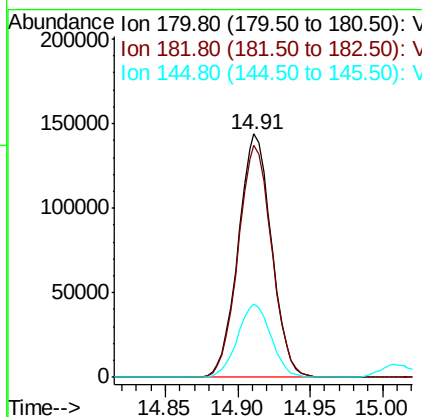
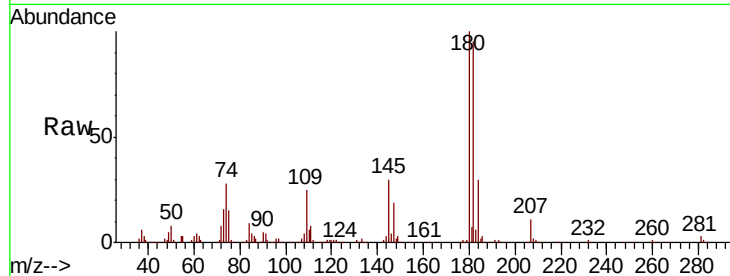
#93
 1,2,4-Trichlorobenzene
 Concen: 48.433 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	229862		
182	96.1	48.0	144.2	
145	30.4	15.2	45.6	

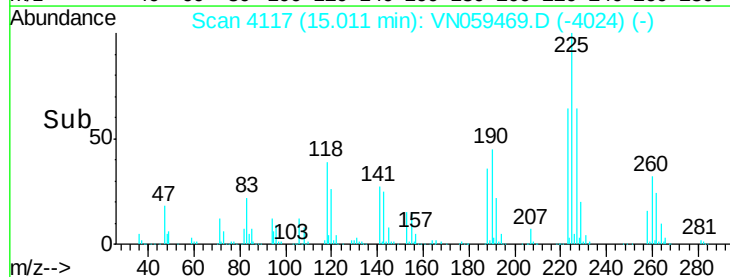
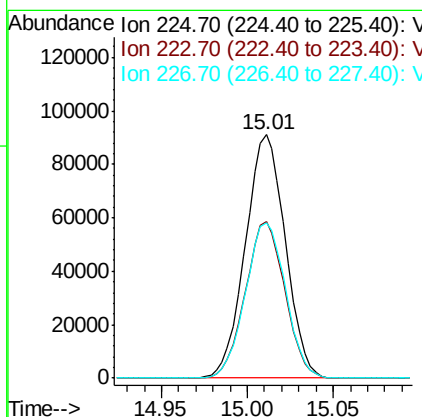
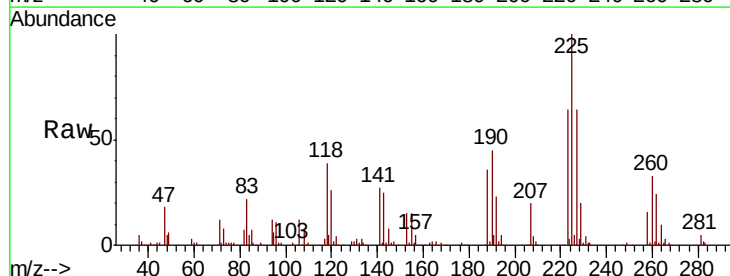
Manual Integrations
 APPROVED

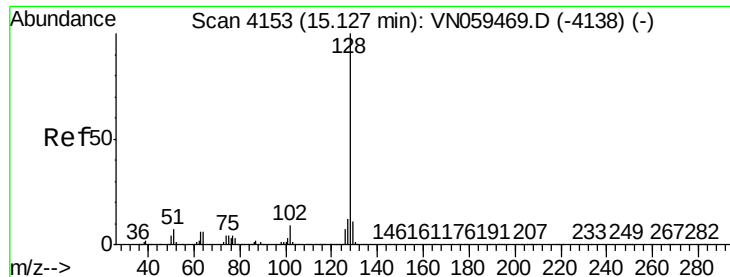
apatel
 12/4/2019 9:22:06 AM



#94
 Hexachlorobutadiene
 Concen: 49.937 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059469.D
 Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	146678		
223	63.7	31.9	95.5	
227	64.1	32.0	96.2	





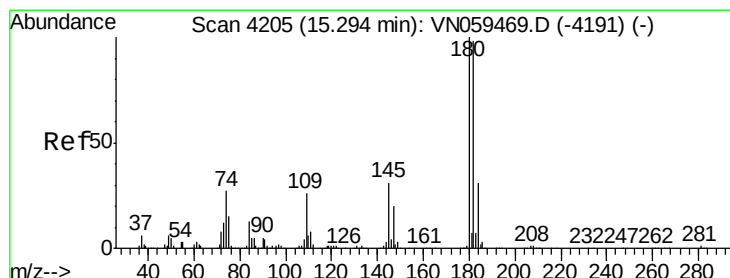
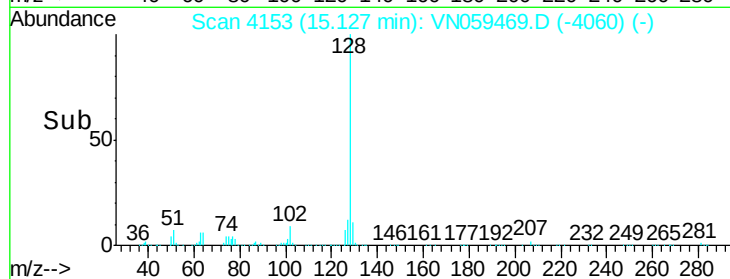
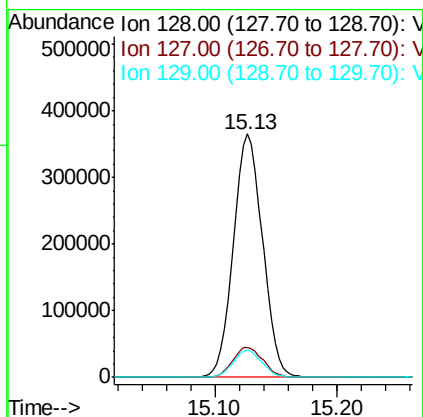
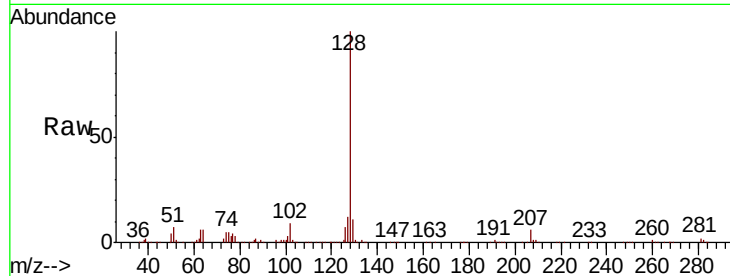
#95
Naphthalene
Concen: 44.842 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

apatel
12/4/2019 9:22:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 44.420 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059469.D
Acq: 3 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.5	145.5
145	32.1	16.1	48.2

