

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120519\
 Data File : VN059502.D
 Acq On : 5 Dec 2019 16:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
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 12/6/2019 2:54:54 PM

Quant Time: Dec 06 01:19:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	342336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	545745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	495080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	231397	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	218686	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
35) Dibromofluoromethane	7.56	113	166841	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	10.08	98	652675	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.40	95	232660	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	152969	40.155	ug/l	100
3) Chloromethane	2.04	50	209422	41.016	ug/l	98
4) Vinyl Chloride	2.17	62	200635	65.484	ug/l	100
5) Bromomethane	2.54	94	81191	43.606	ug/l	99
6) Chloroethane	2.68	64	68805	38.038	ug/l	99
7) Trichlorofluoromethane	3.00	101	156456	42.282	ug/l	97
8) Diethyl Ether	3.38	74	94474	39.186	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	149908	41.270	ug/l	99
10) Methyl Iodide	3.92	142	191572	41.651	ug/l	99
11) Tert butyl alcohol	4.77	59	153358	191.368	ug/l	100
12) 1,1-Dichloroethene	3.71	96	141654	39.894	ug/l	98
13) Acrolein	3.58	56	149206	214.533	ug/l	98
14) Allyl chloride	4.29	41	284385	40.664	ug/l	96
15) Acrylonitrile	4.95	53	433288	199.854	ug/l	99
16) Acetone	3.80	43	450435	188.384	ug/l	98
17) Carbon Disulfide	4.02	76	464892	38.372	ug/l	100
18) Methyl Acetate	4.30	43	229352	40.062	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	519165	42.900	ug/l	99
20) Methylene Chloride	4.52	84	170715	42.437	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	164067	41.296	ug/l	98
22) Diisopropyl ether	5.92	45	572537	43.984	ug/l	97
23) Vinyl Acetate	5.86	43	2421320	231.816	ug/l	99
24) 1,1-Dichloroethane	5.81	63	316592	42.814	ug/l	98
25) 2-Butanone	6.81	43	613821	189.896	ug/l	99
26) 2,2-Dichloropropane	6.80	77	273267	42.727	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	186012	42.156	ug/l	99
28) Bromochloromethane	7.17	49	140154	48.699	ug/l	96
29) Tetrahydrofuran	7.18	42	403908	198.723	ug/l	99
30) Chloroform	7.35	83	307906	43.126	ug/l	97
31) Cyclohexane	7.63	56	293709	40.993	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	264707	42.657	ug/l	98
36) 1,1-Dichloropropene	7.77	75	236600	41.661	ug/l	100
37) Ethyl Acetate	6.90	43	254504	40.120	ug/l	99
38) Carbon Tetrachloride	7.75	117	232202	42.510	ug/l	98

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Quant Time: Dec 06 01:19:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.07	83	283555	41.489	ug/l	97
40) Benzene	8.02	78	696032	41.853	ug/l	98
41) Methacrylonitrile	7.15	41	112714	43.841	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	252717	44.735	ug/l	98
43) Isopropyl Acetate	8.14	43	404647	42.887	ug/l	99
44) Trichloroethene	8.82	130	177296	40.795	ug/l	96
45) 1,2-Dichloropropane	9.10	63	190708	42.922	ug/l	99
46) Dibromomethane	9.19	93	118612	42.878	ug/l	98
47) Bromodichloromethane	9.39	83	242879	43.789	ug/l	100
48) Methyl methacrylate	9.18	41	181947	42.744	ug/l	96
49) 1,4-Dioxane	9.19	88	53425	829.442	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1216254	217.167	ug/l	98
52) Toluene	10.14	92	423289	42.084	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	280279	42.944	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	301055	43.519	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	166582	42.013	ug/l	99
56) Ethyl methacrylate	10.42	69	256196	40.204	ug/l	96
57) 1,3-Dichloropropane	10.70	76	293379	42.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	396714	185.559	ug/l	100
59) 2-Hexanone	10.74	43	896247	212.642	ug/l	97
60) Dibromochloromethane	10.90	129	184145	43.496	ug/l	99
61) 1,2-Dibromoethane	11.00	107	174075	42.488	ug/l	99
64) Tetrachloroethene	10.62	164	160649	38.148	ug/l	98
65) Chlorobenzene	11.43	112	444798	41.097	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	167812	43.151	ug/l	99
67) Ethyl Benzene	11.51	91	817417	43.107	ug/l	100
68) m/p-Xylenes	11.62	106	602057	85.268	ug/l	97
69) o-Xylene	11.94	106	287846	42.821	ug/l	100
70) Styrene	11.96	104	466631	43.485	ug/l	99
71) Bromoform	12.12	173	129447	42.703	ug/l #	100
73) Isopropylbenzene	12.25	105	769051	41.442	ug/l	100
74) N-amyl acetate	12.07	43	316831	42.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	248254	41.705	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	229434m	39.877	ug/l	
77) Bromobenzene	12.52	156	184130	39.706	ug/l	97
78) n-propylbenzene	12.59	91	923112	42.745	ug/l	99
79) 2-Chlorotoluene	12.67	91	537563	41.293	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	650982	41.977	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	90780	41.408	ug/l	97
82) 4-Chlorotoluene	12.77	91	552455	41.131	ug/l	100
83) tert-Butylbenzene	12.99	119	549553	40.817	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	644214	42.506	ug/l	100
85) sec-Butylbenzene	13.17	105	754034	42.256	ug/l	100
86) p-Isopropyltoluene	13.29	119	683408	42.738	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	331660	40.564	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	323522	39.234	ug/l	99
89) n-Butylbenzene	13.62	91	583912	40.757	ug/l	100
90) Hexachloroethane	13.88	117	127667	41.395	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	317640	40.525	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48435	39.428	ug/l	95

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	179266	37.464	ug/l	100
94) Hexachlorobutadiene	15.01	225	114307	42.009	ug/l	98
95) Naphthalene	15.13	128	455524	35.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	178098	37.560	ug/l	99

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

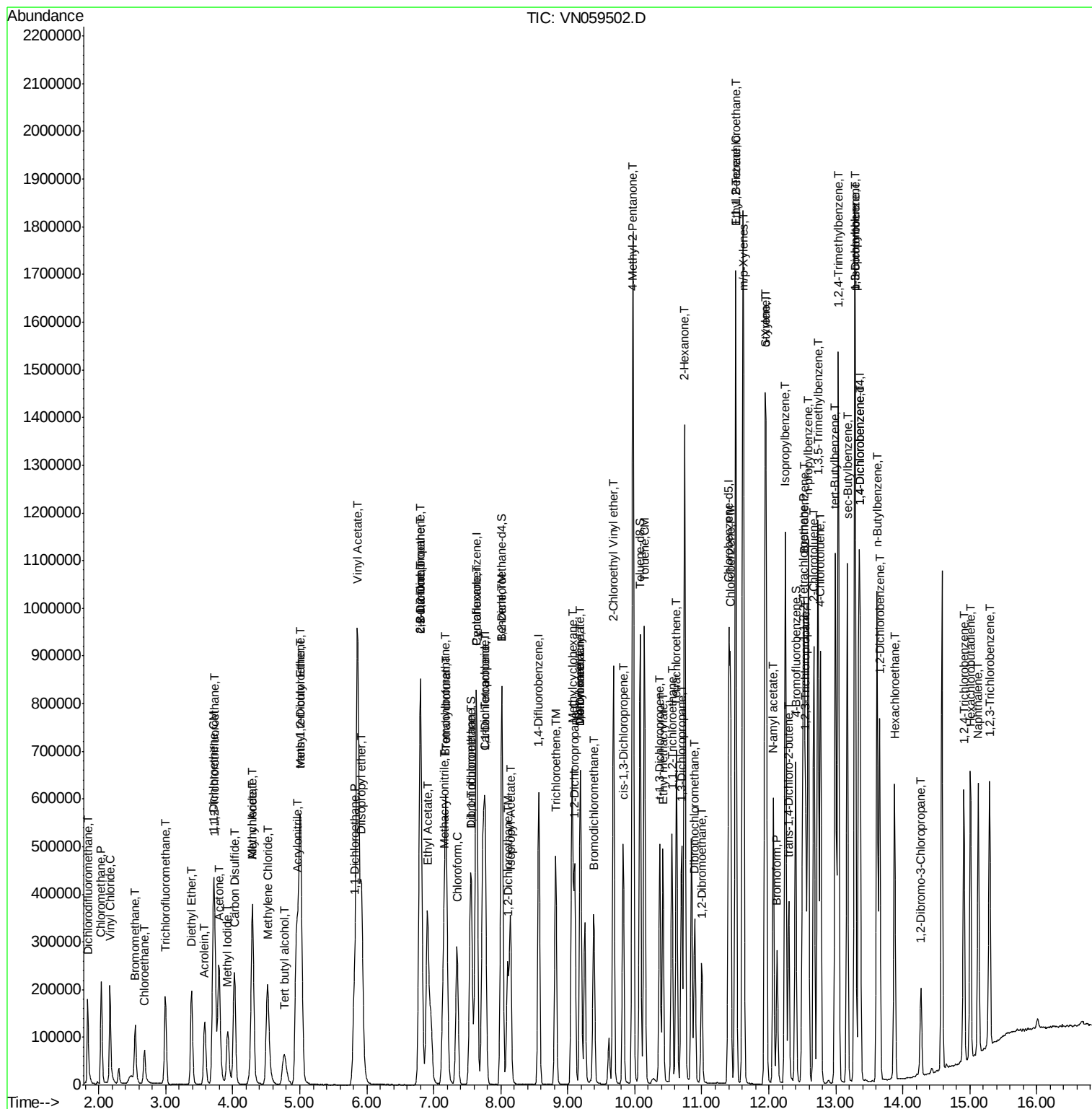
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 Data File : VN059502.D
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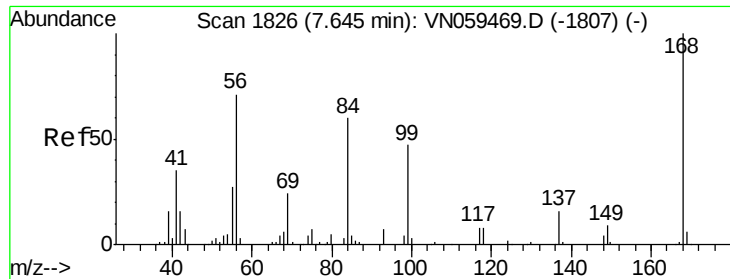
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

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Quant Time: Dec 06 01:19:00 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 342336

Ion Ratio Lower Upper

168 100

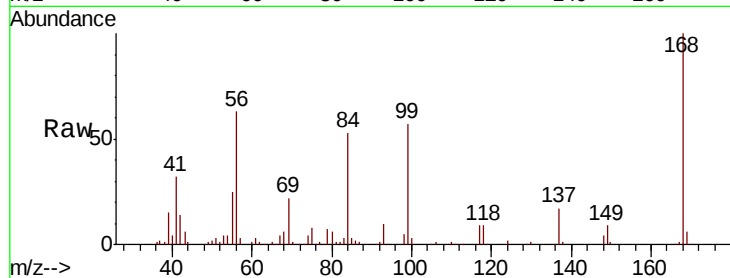
99 57.1 43.4 65.2

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

7.64

150000

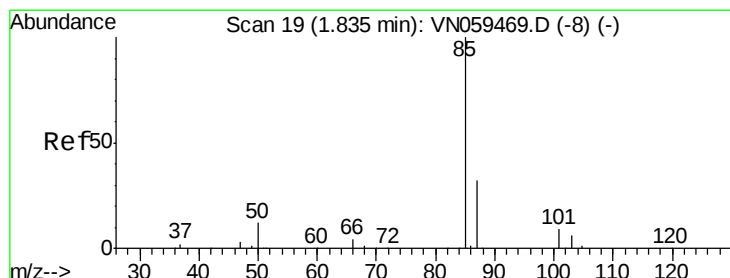
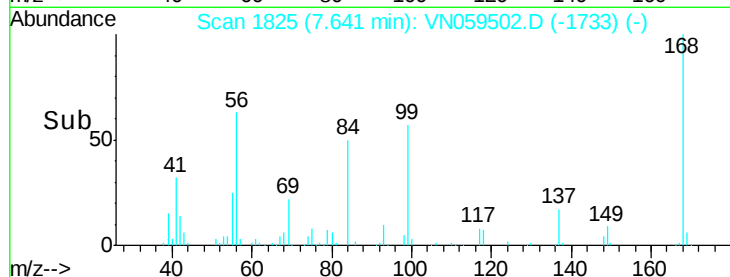
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50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 40.155 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059502.D

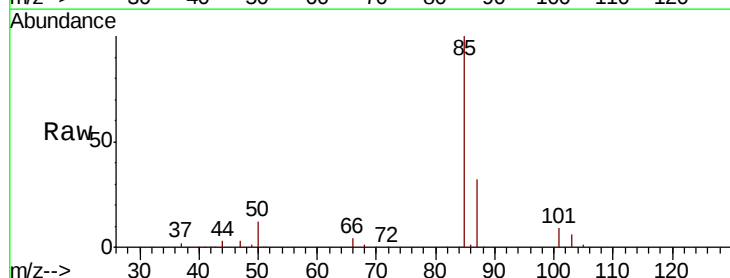
Acq: 5 Dec 2019 16:42

Tgt Ion: 85 Resp: 152969

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

1.83

120000

100000

80000

60000

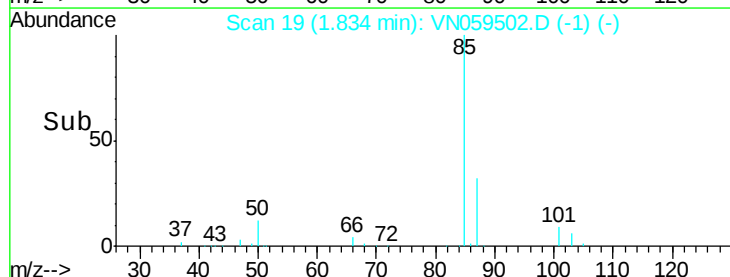
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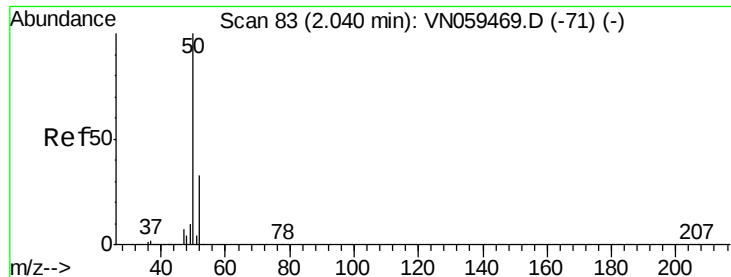
20000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 41.016 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 209422

Ion Ratio Lower Upper

50 100

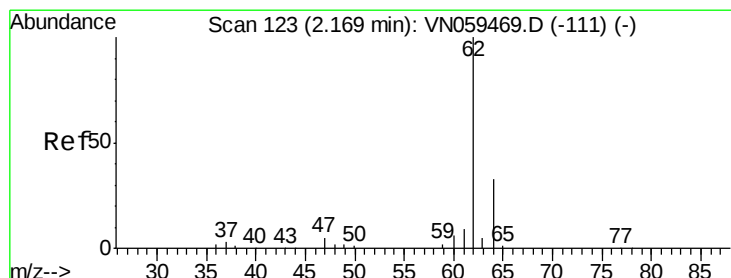
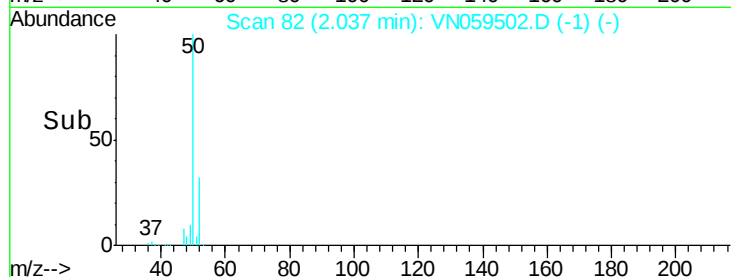
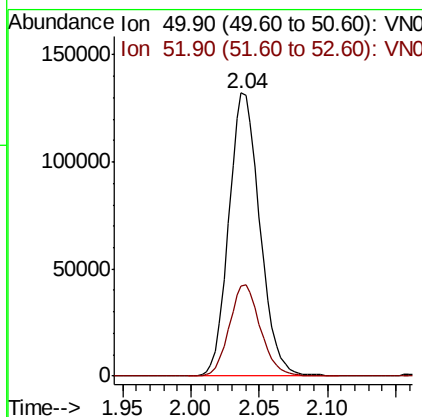
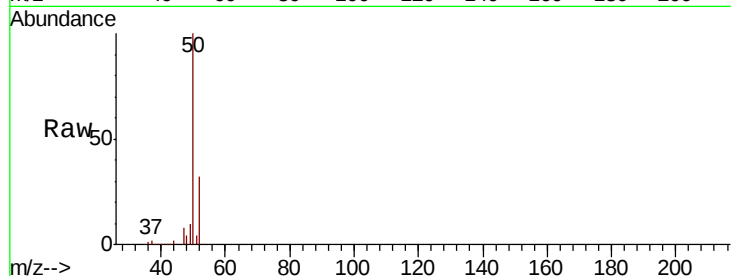
52 31.8 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 65.484 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059502.D

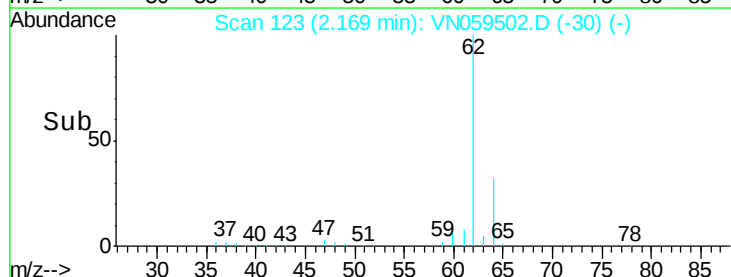
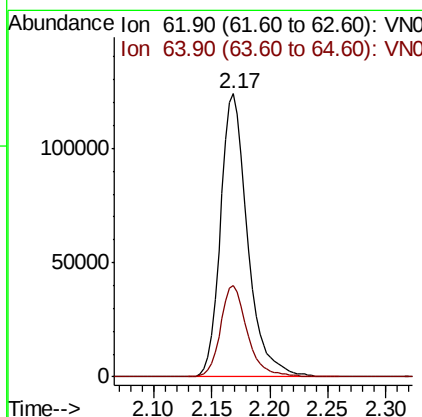
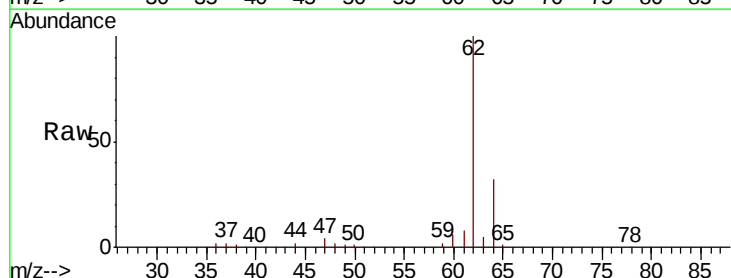
Acq: 5 Dec 2019 16:42

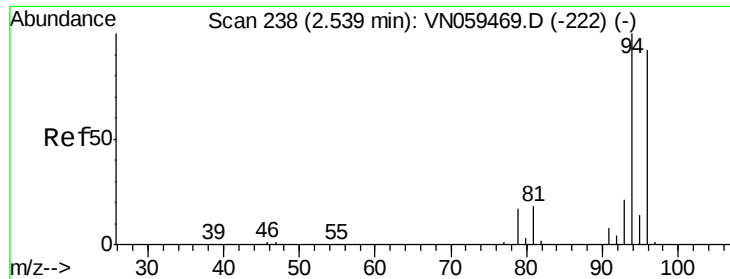
Tgt Ion: 62 Resp: 200635

Ion Ratio Lower Upper

62 100

64 32.4 26.0 39.0





#5

Bromomethane

Concen: 43.606 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 81191

Ion Ratio Lower Upper

94 100

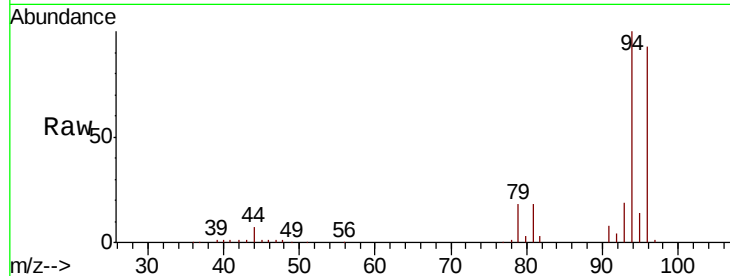
96 92.9 73.5 110.3

Manual Integrations

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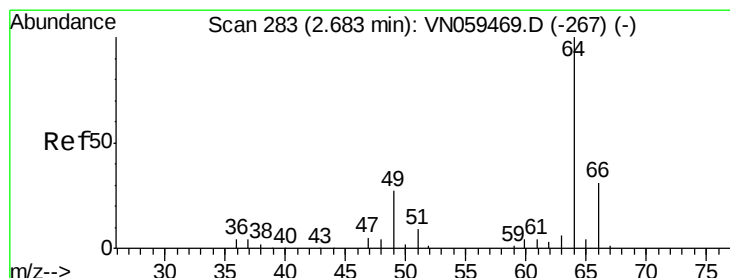
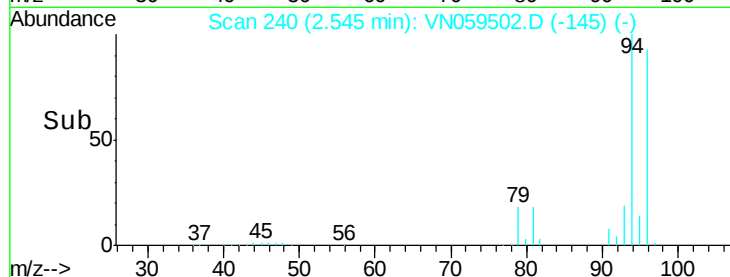


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

Time-->



#6

Chloroethane

Concen: 38.038 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN059502.D

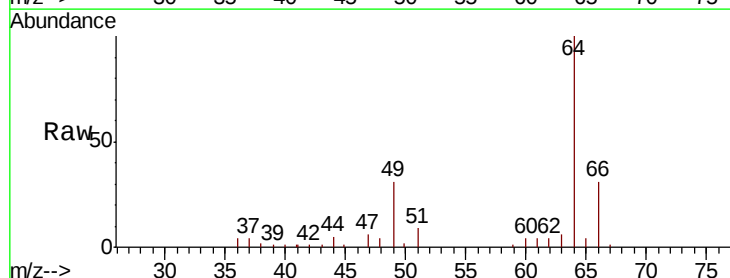
Acq: 5 Dec 2019 16:42

Tgt Ion: 64 Resp: 68805

Ion Ratio Lower Upper

64 100

66 30.8 25.2 37.8

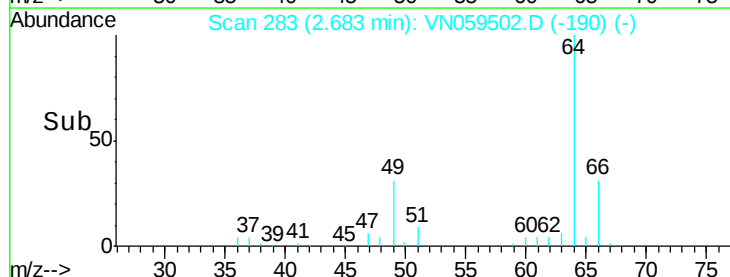


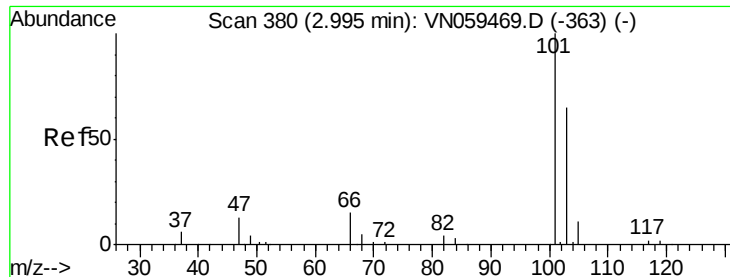
Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

Time-->





#7

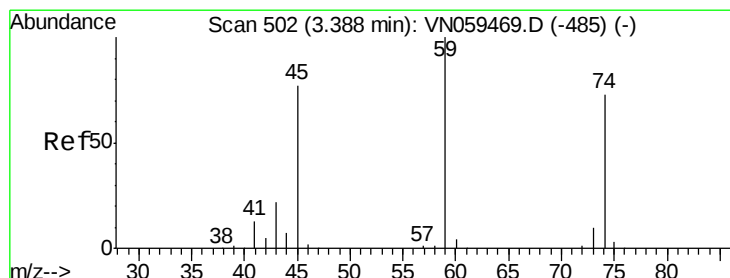
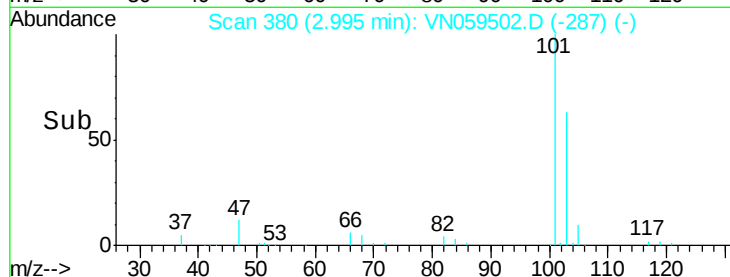
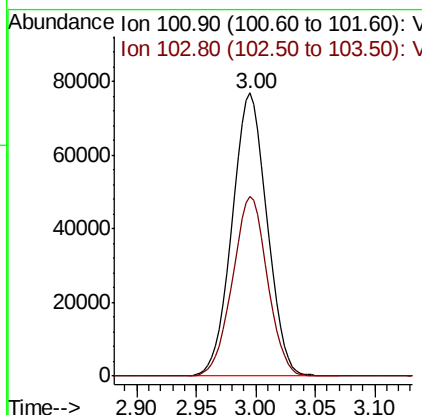
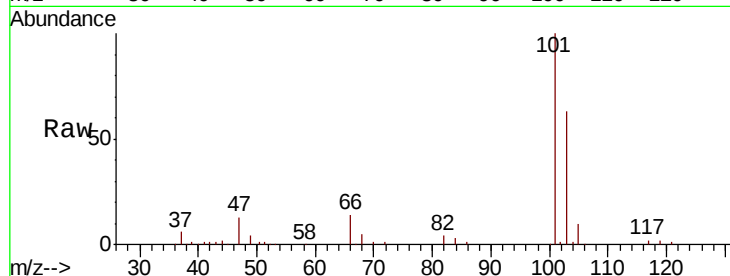
Trichlorofluoromethane
Concen: 42.282 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.4	78.6

Manual Integrations
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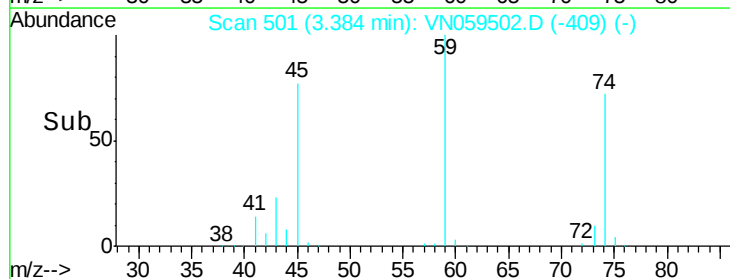
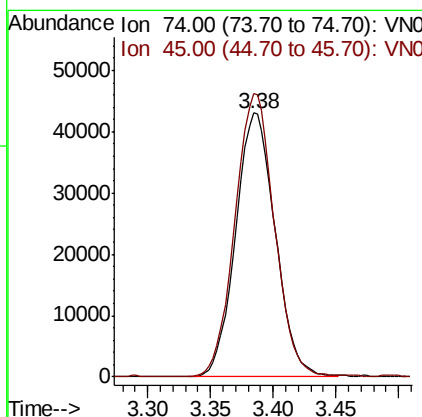
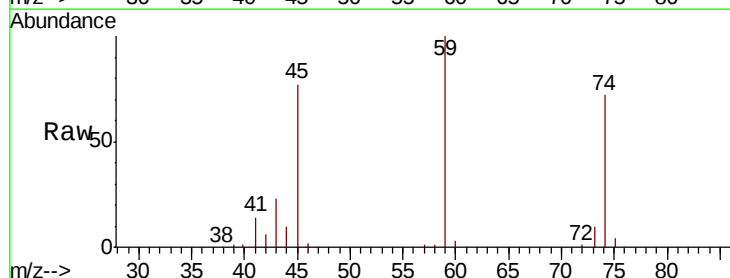
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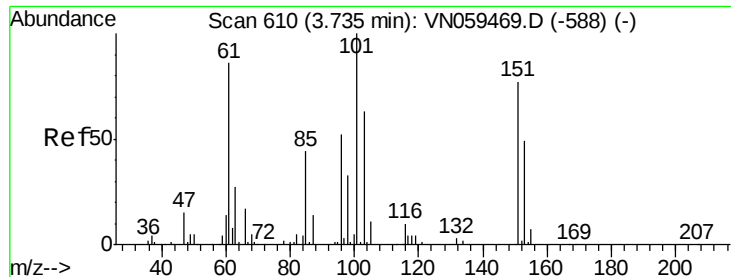


#8

Diethyl Ether
Concen: 39.186 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.5	52.3	157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.270 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

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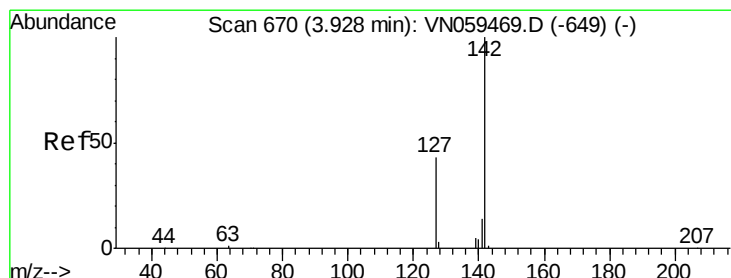
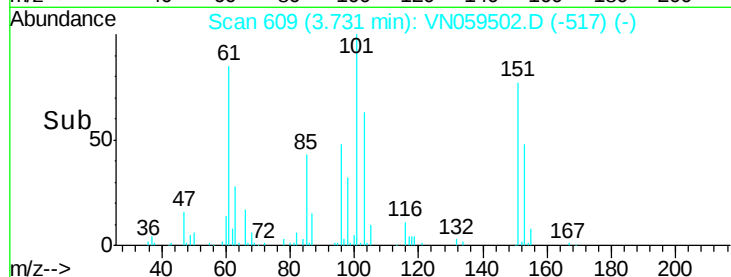
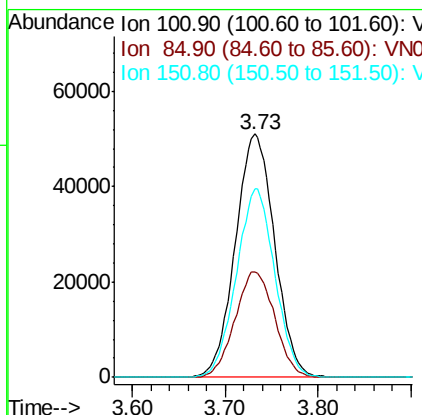
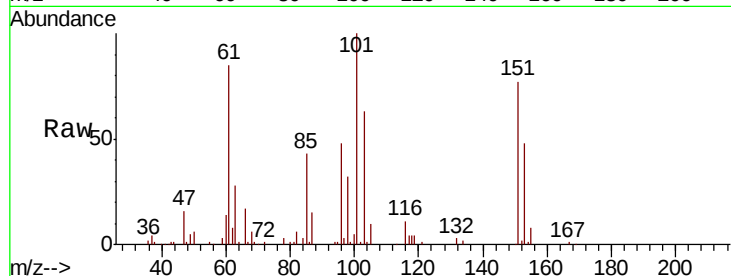
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	149908
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.2	52.8
151	76.1	62.4	93.6

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#10

Methyl Iodide

Concen: 41.651 ug/l

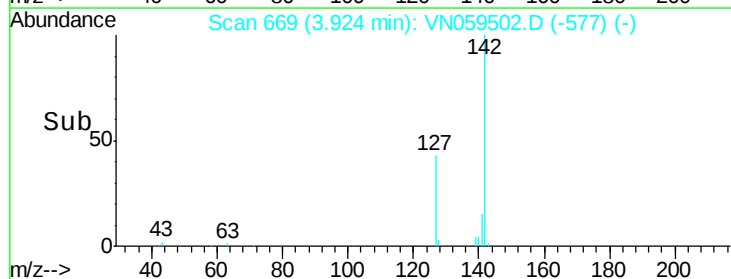
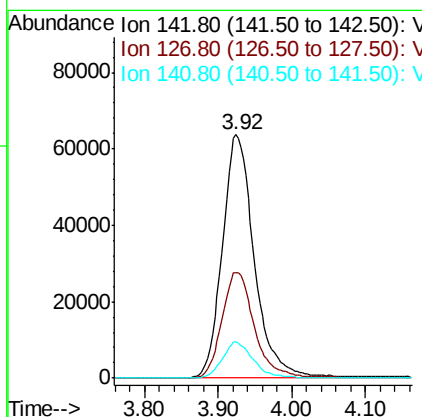
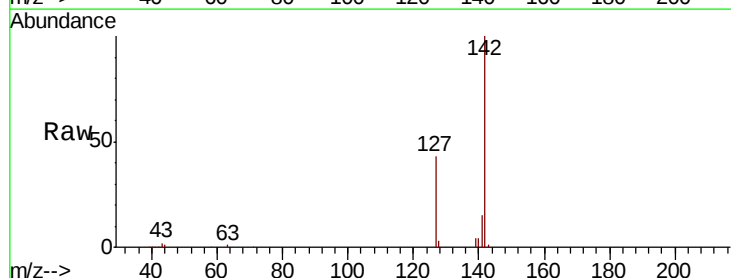
RT: 3.92 min Scan# 669

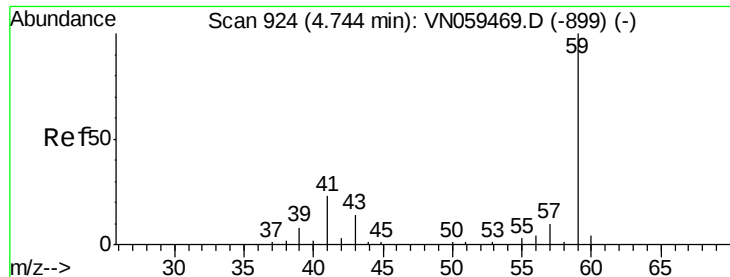
Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Tgt Ion:	142	Resp:	191572
Ion Ratio	Lower	Upper	
142	100		
127	44.2	34.6	52.0
141	14.4	11.4	17.0





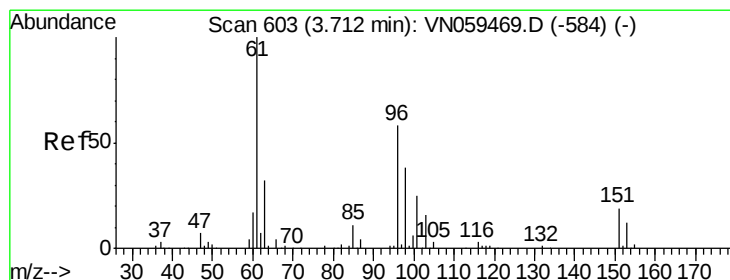
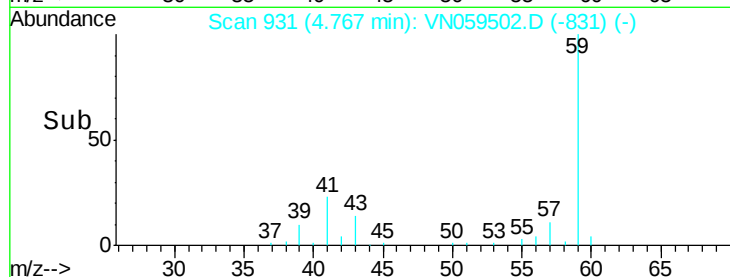
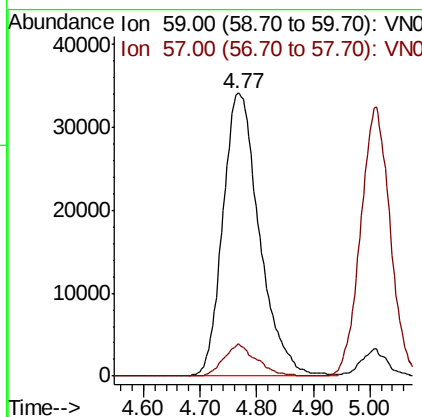
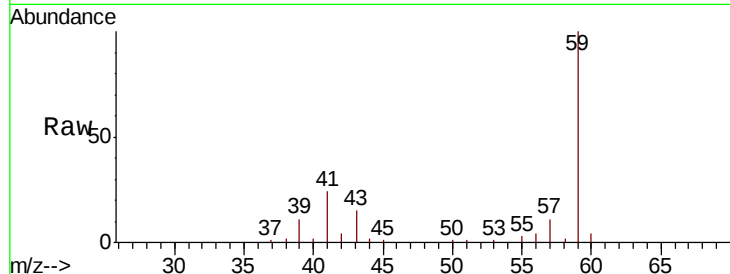
#11
Tert butyl alcohol
Concen: 191.368 ug/l
RT: 4.77 min Scan# 931
Delta R.T. 0.02 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	153358		
57	10.0		8.1	12.1

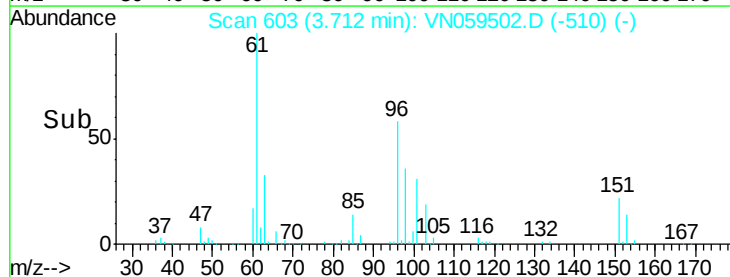
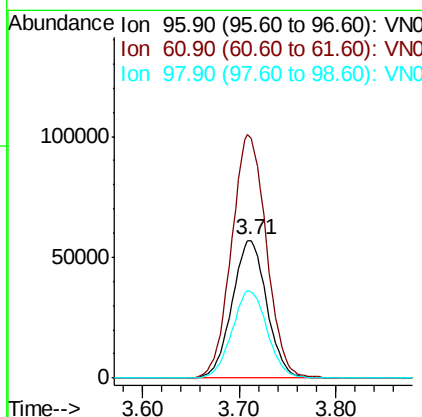
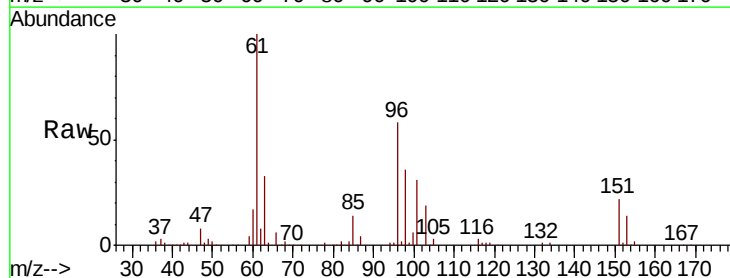
Manual Integrations
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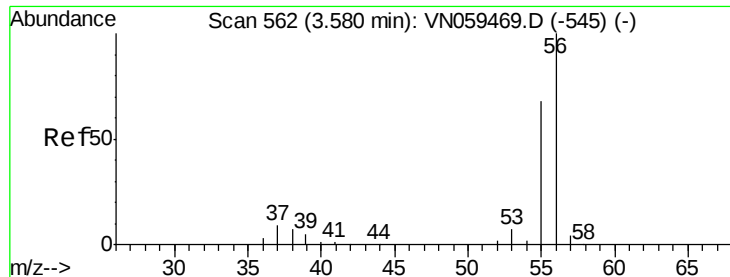
apatel
12/6/2019 2:54:54 PM



#12
1,1-Dichloroethene
Concen: 39.894 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	141654		
61	173.4		137.1	205.7
98	62.5		52.4	78.6





#13

Acrolein

Concen: 214.533 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 149206

Ion Ratio Lower Upper

56 100

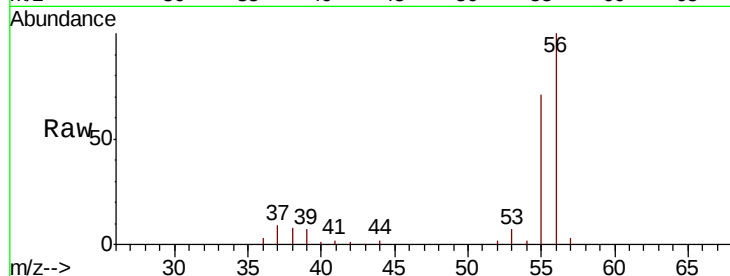
55 72.2 56.5 84.7

Manual Integrations

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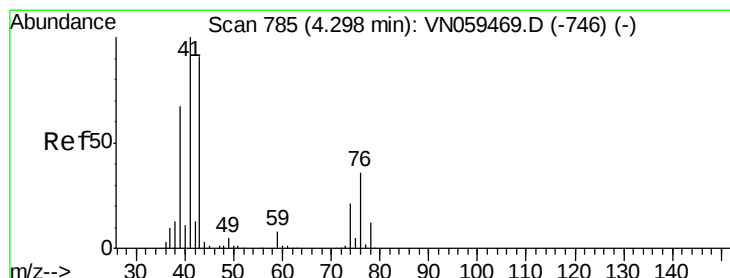
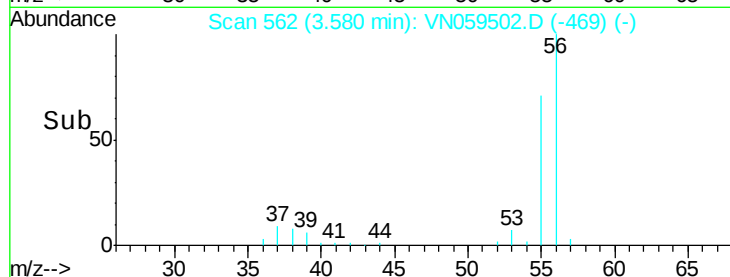
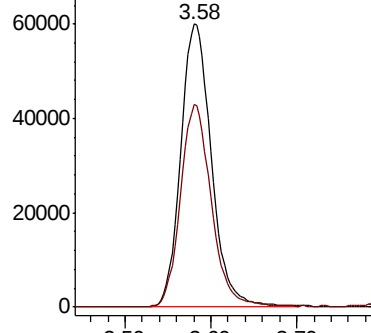
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 40.664 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

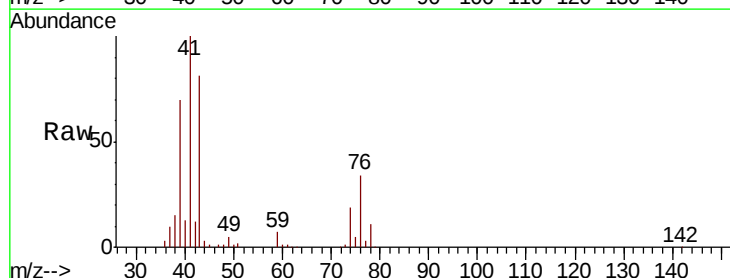
Tgt Ion: 41 Resp: 284385

Ion Ratio Lower Upper

41 100

39 66.5 49.3 73.9

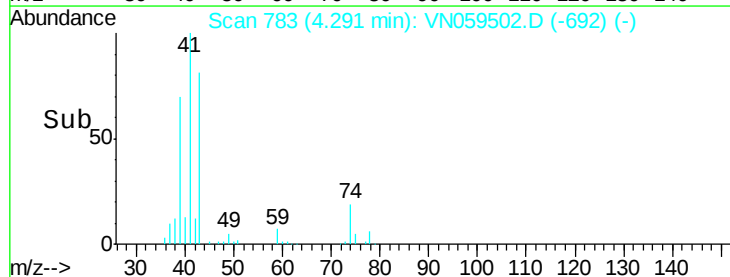
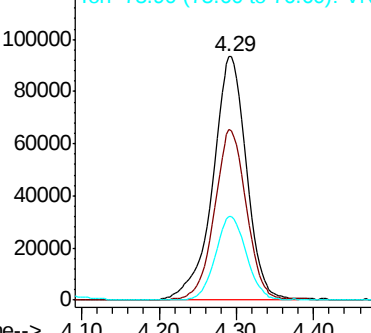
76 31.8 25.6 38.4

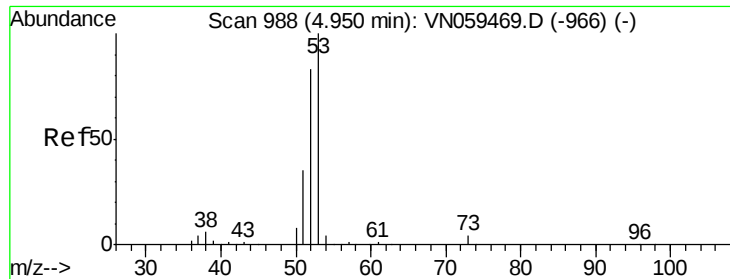


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 199.854 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

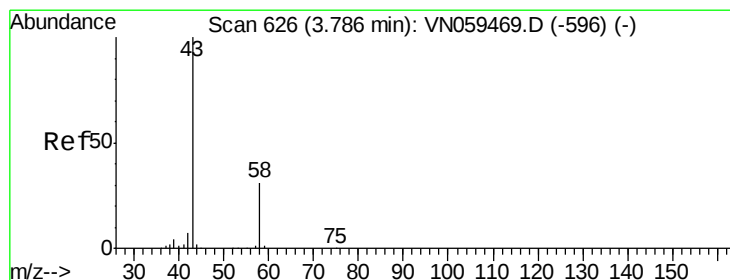
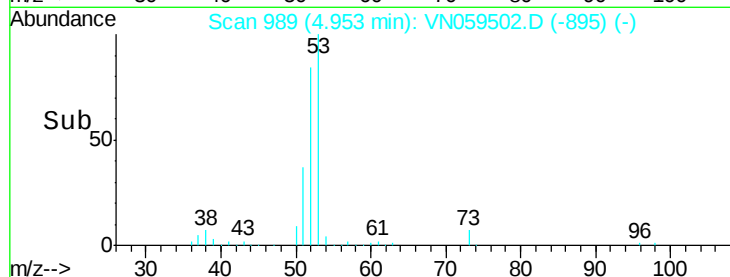
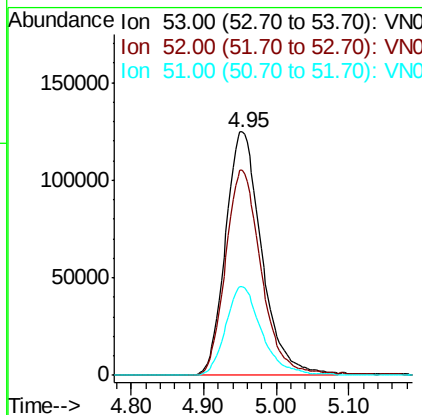
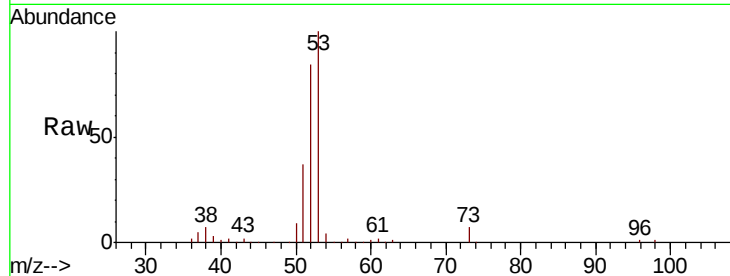
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	433288
Ion Ratio		Lower	Upper
53	100		
52	83.1	65.5	98.3
51	36.6	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 188.384 ug/l

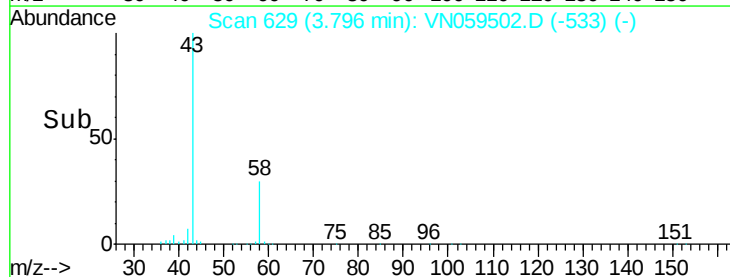
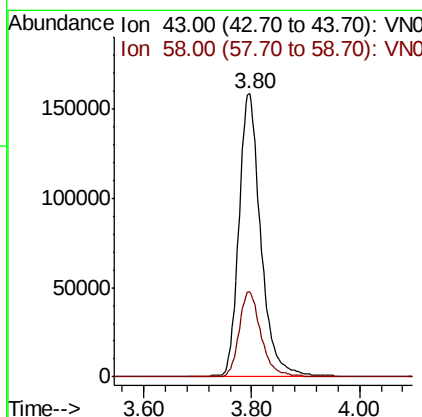
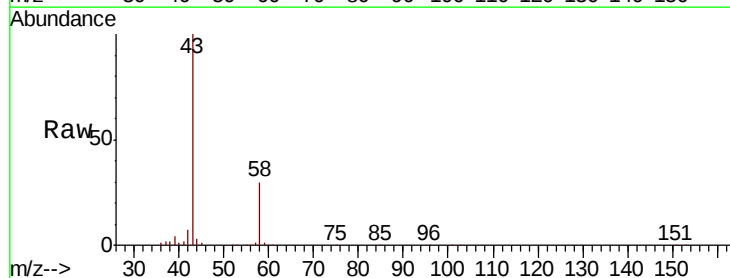
RT: 3.80 min Scan# 629

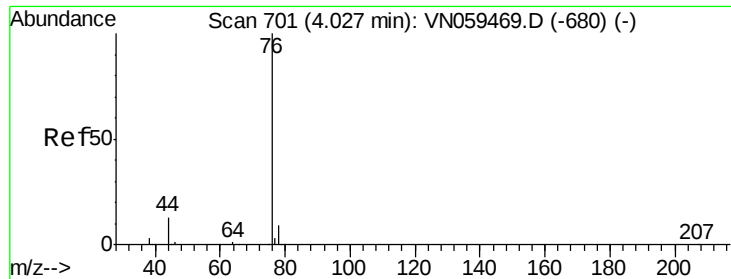
Delta R.T. 0.01 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Tgt Ion:	43	Resp:	450435
Ion Ratio		Lower	Upper
43	100		
58	30.0	24.9	37.3





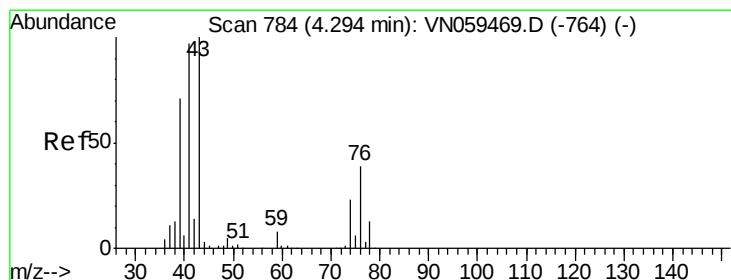
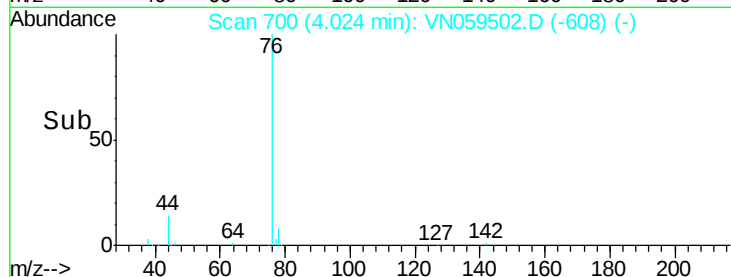
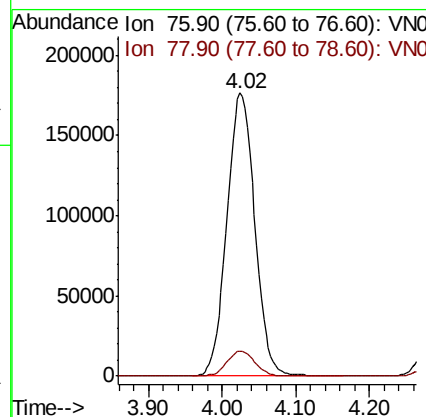
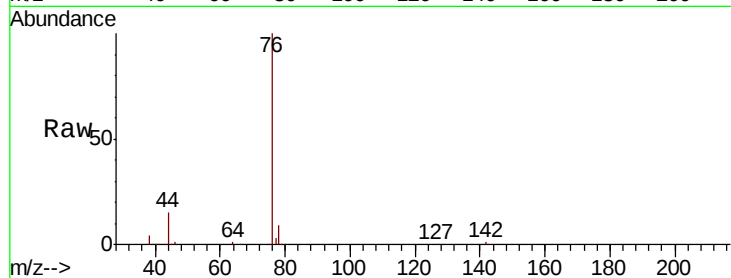
#17
Carbon Disulfide
Concen: 38.372 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

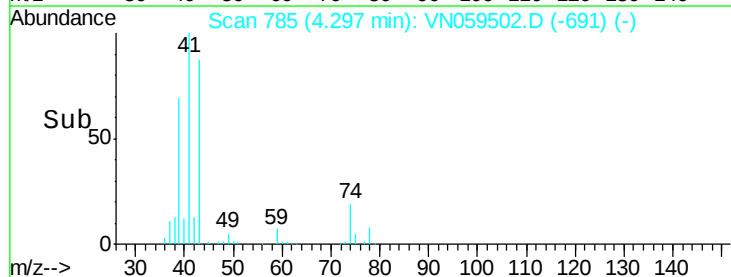
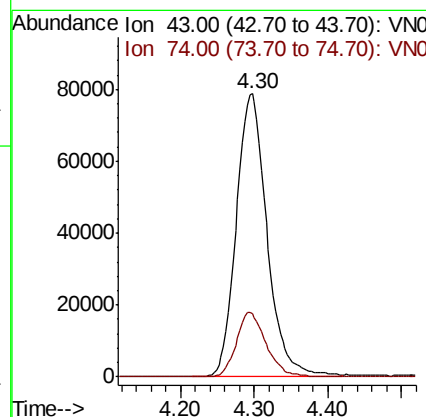
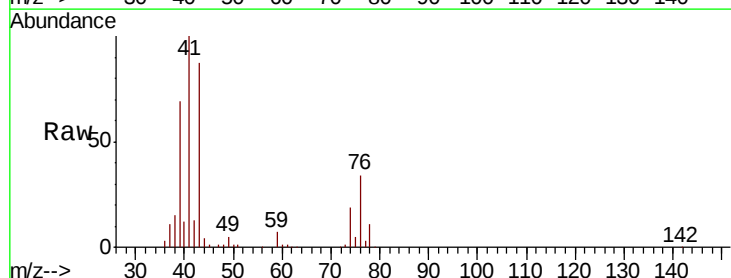
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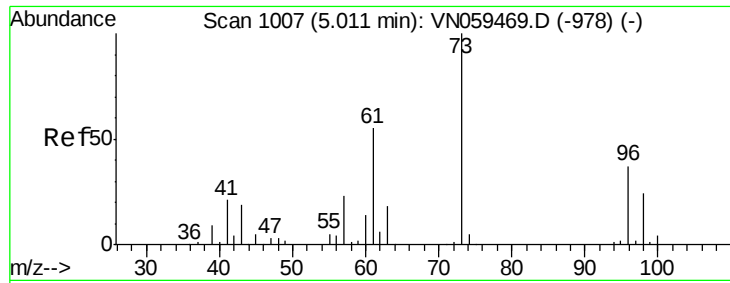
apatel
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#18
Methyl Acetate
Concen: 40.062 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.3	27.5





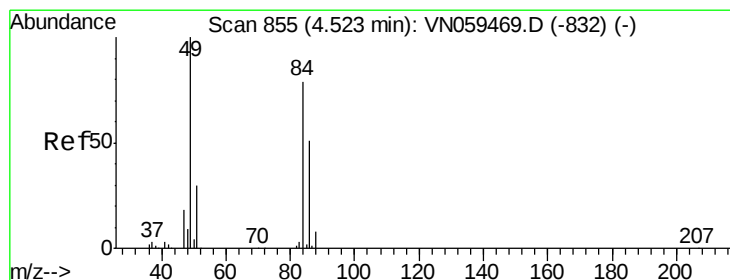
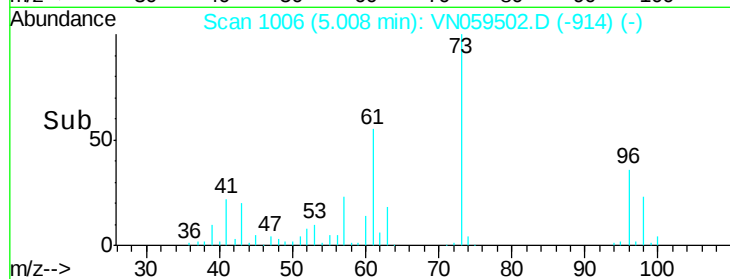
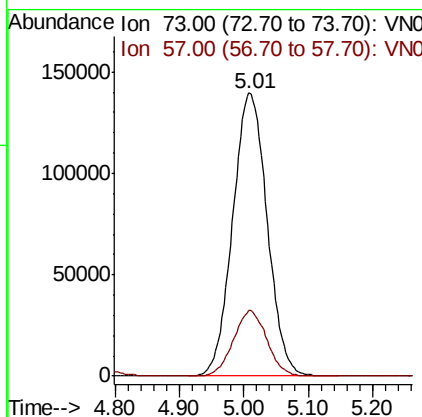
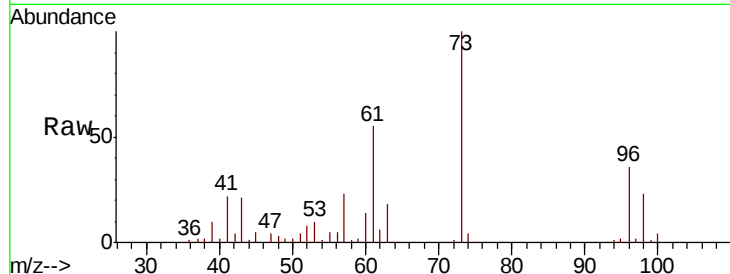
#19
Methvl tert-butvl Ether
Concen: 42.900 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 519165
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0

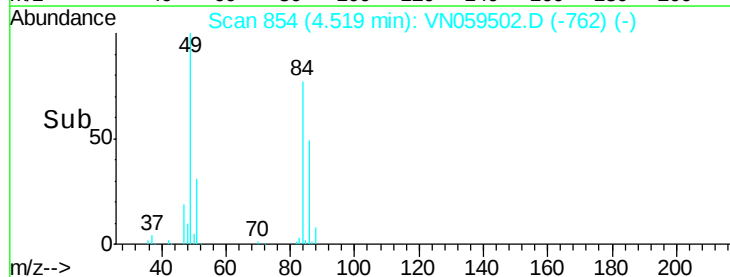
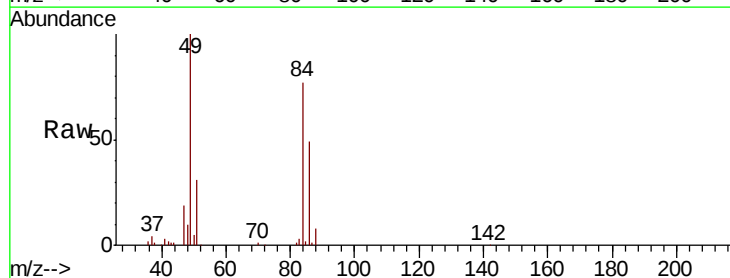
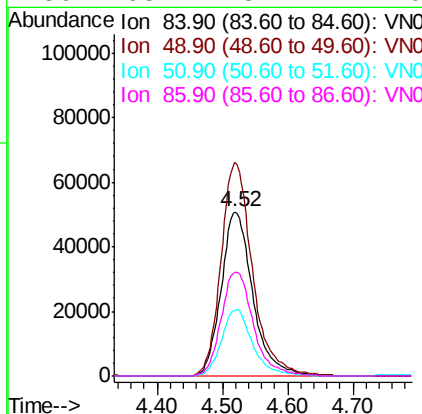
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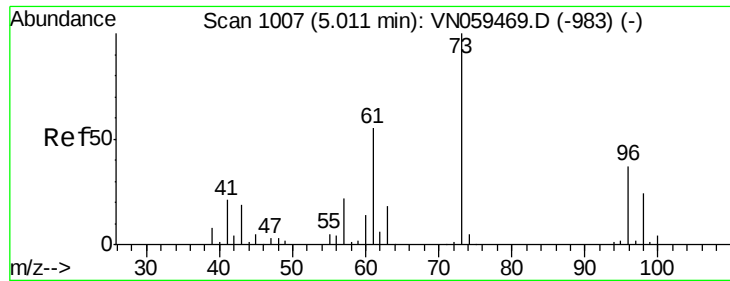
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#20
Methylene Chloride
Concen: 42.437 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion: 84 Resp: 170715
Ion Ratio Lower Upper
84 100
49 129.8 101.1 151.7
51 40.0 30.7 46.1
86 63.1 51.4 77.0





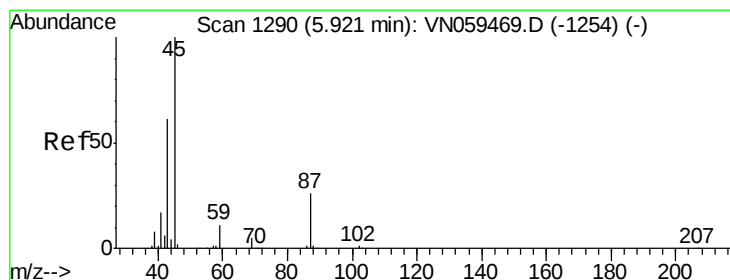
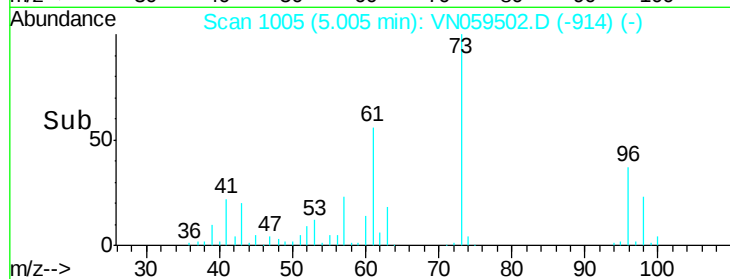
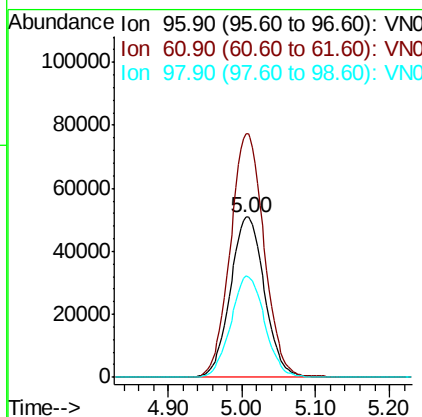
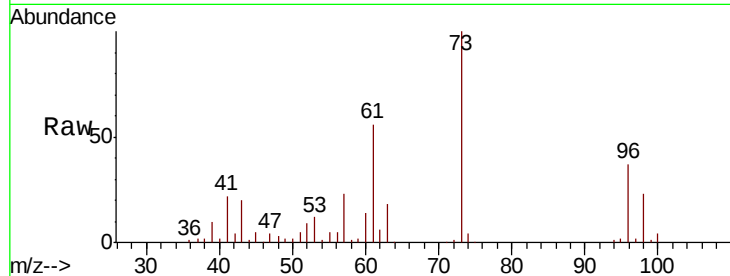
#21
trans-1,2-Dichloroethene
Concen: 41.296 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.2	118.9	178.3
98	63.4	51.6	77.4

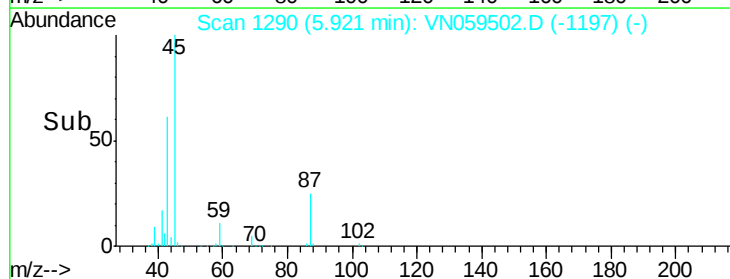
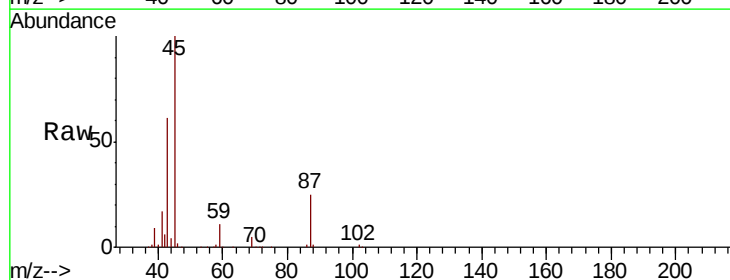
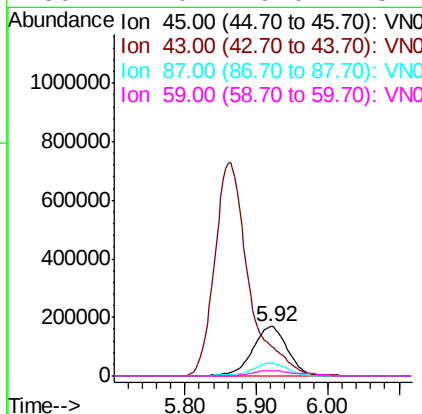
Manual Integrations
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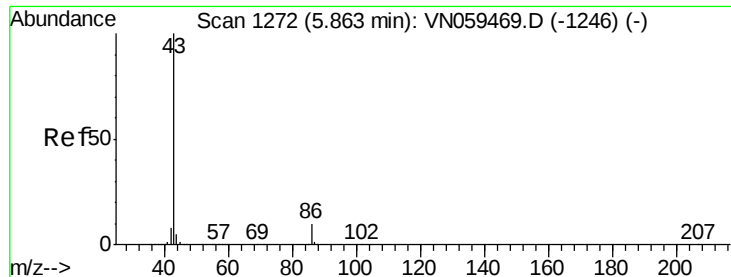
apatel
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#22
Diisopropyl ether
Concen: 43.984 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.1	49.1	73.7
87	25.5	21.6	32.4
59	11.0	9.0	13.4





#23

Vinyl Acetate

Concen: 231.816 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2421320

Ion Ratio Lower Upper

43 100

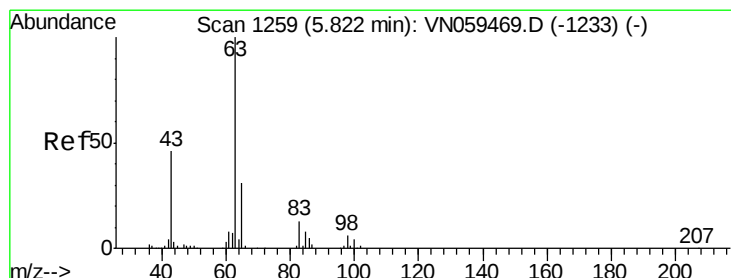
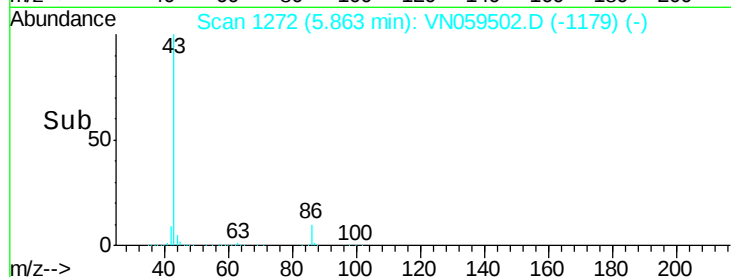
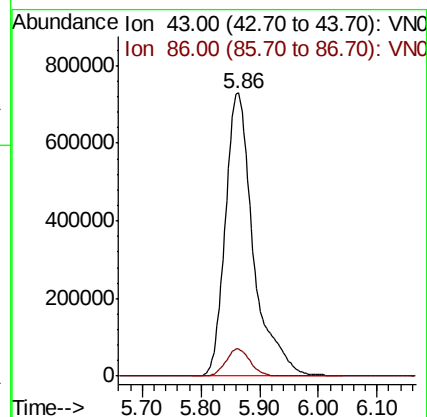
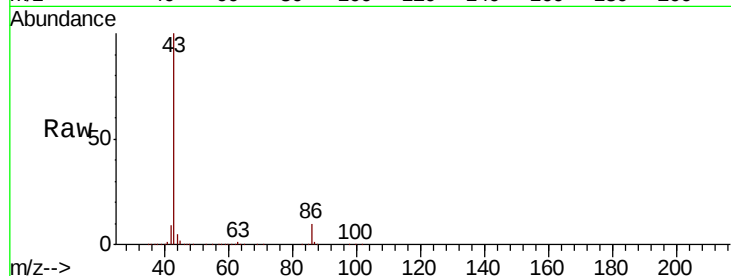
86 9.6 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 42.814 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.01 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

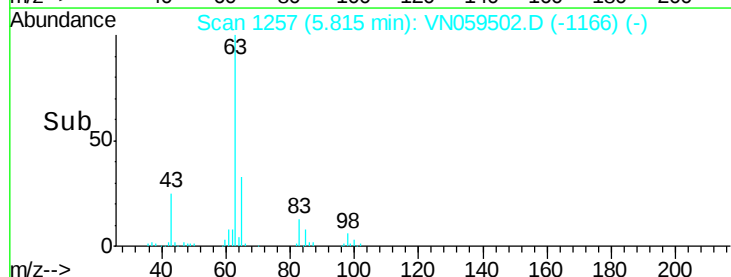
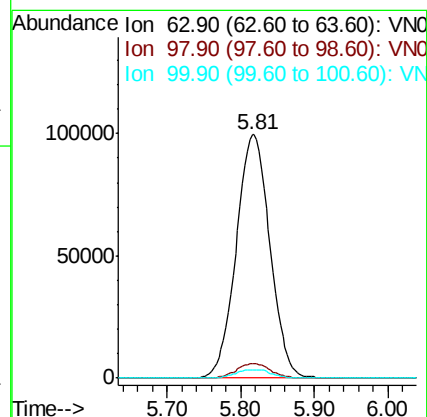
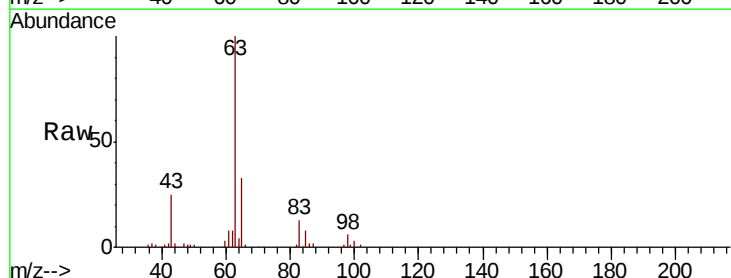
Tgt Ion: 63 Resp: 316592

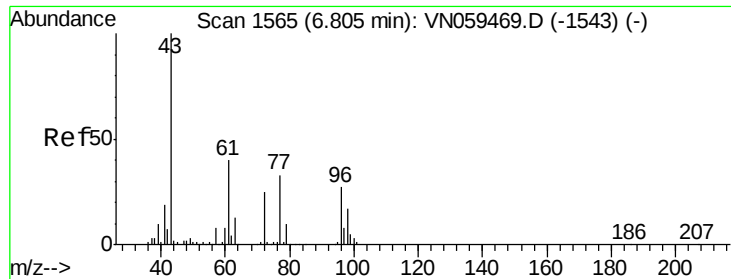
Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 3.3 2.0 6.0





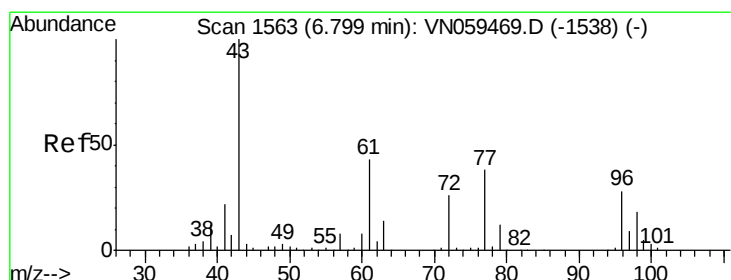
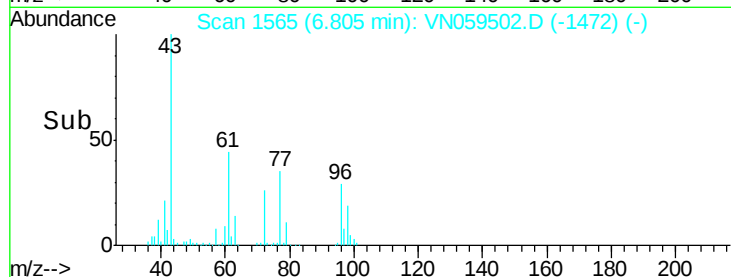
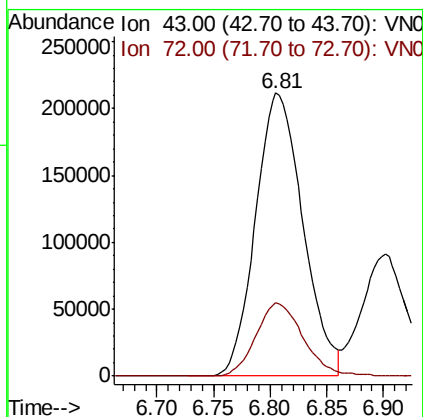
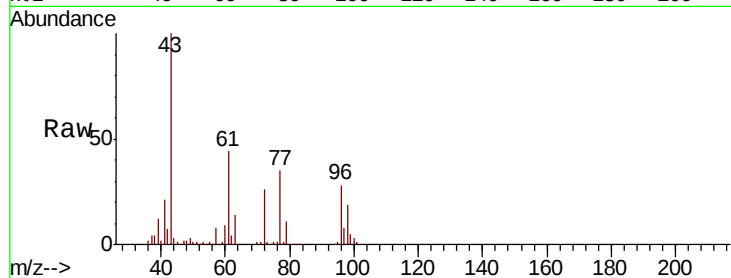
#25
2-Butanone
Concen: 189.896 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 613821
Ion Ratio Lower Upper
43 100
72 25.8 20.2 30.2

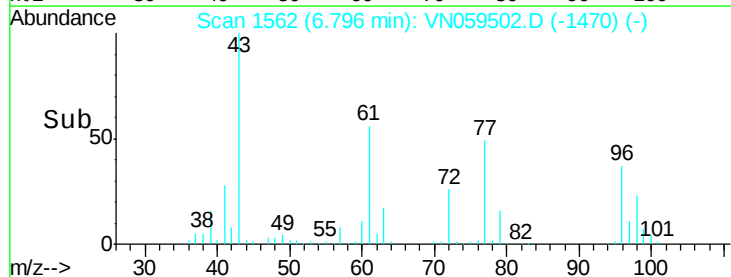
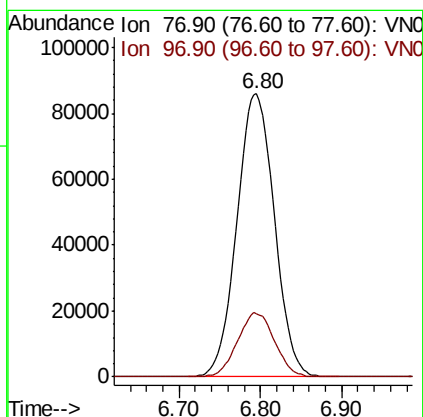
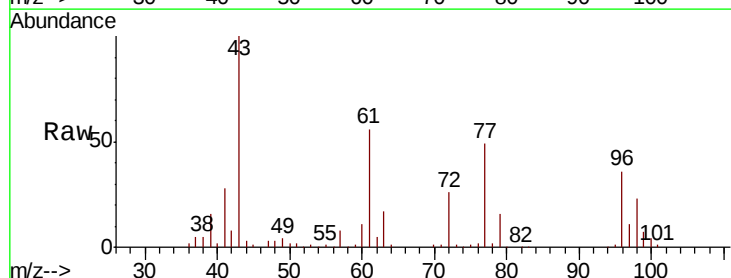
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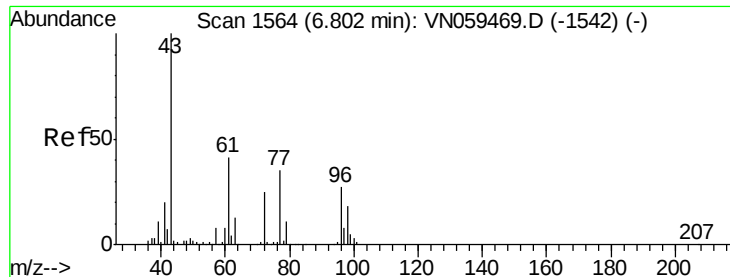
apatel
12/6/2019 2:54:54 PM



#26
2,2-Dichloropropane
Concen: 42.727 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion: 77 Resp: 273267
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 42.156 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

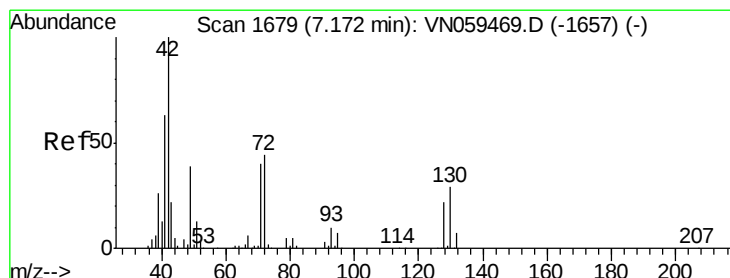
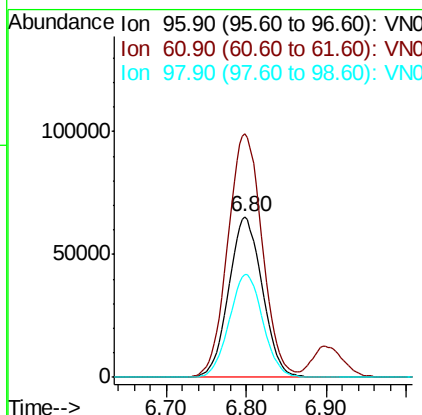
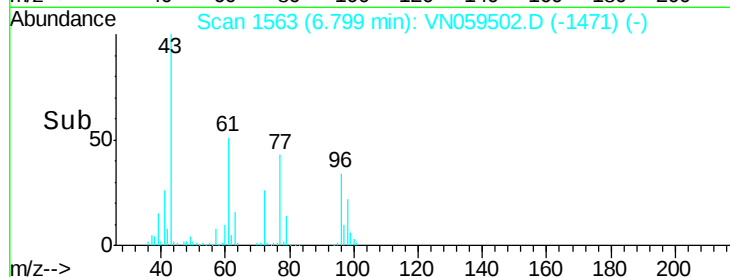
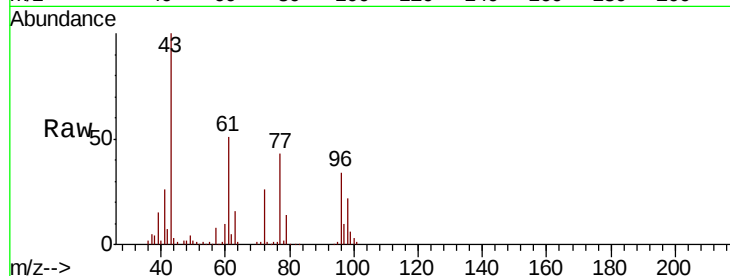
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	186012
Ion Ratio	Lower	Upper	
96	100		
61	155.3	0.0	307.4
98	64.1	0.0	129.2

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#28

Bromochloromethane

Concen: 48.699 ug/l

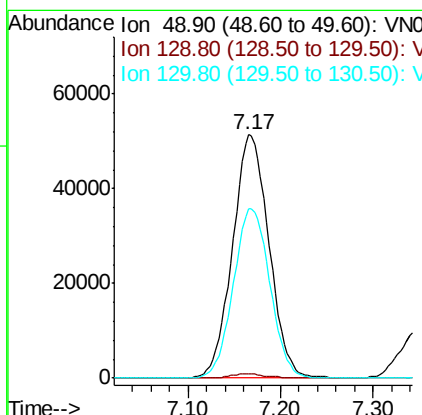
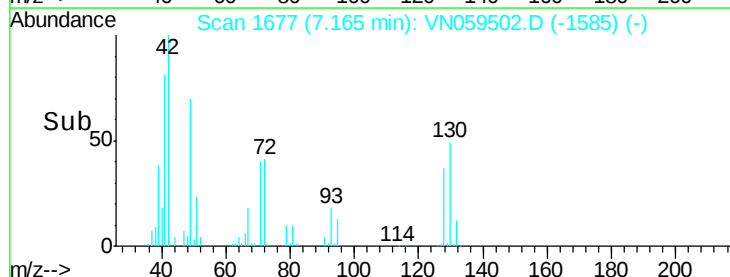
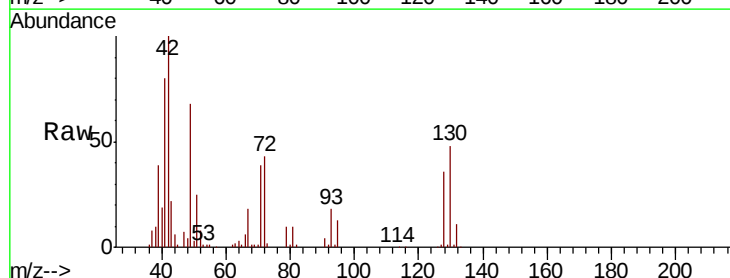
RT: 7.17 min Scan# 1677

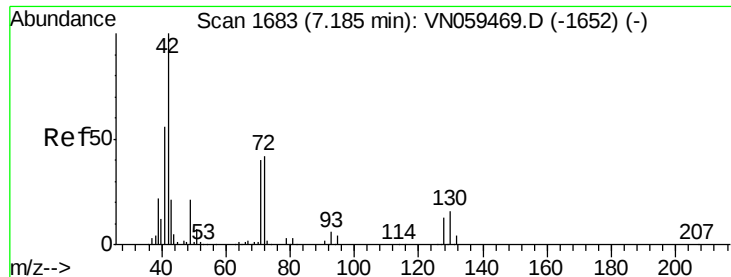
Delta R.T. -0.01 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Tgt Ion:	49	Resp:	140154
Ion Ratio	Lower	Upper	
49	100		
129	1.6	0.0	3.2
130	69.9	58.4	87.6





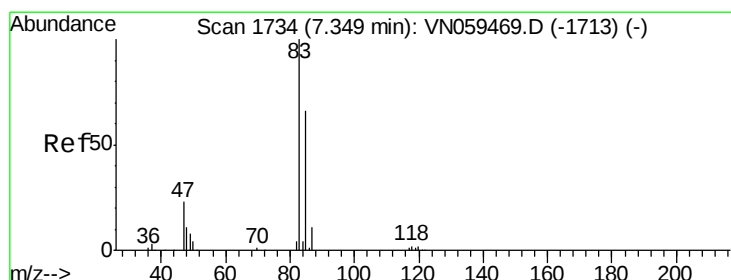
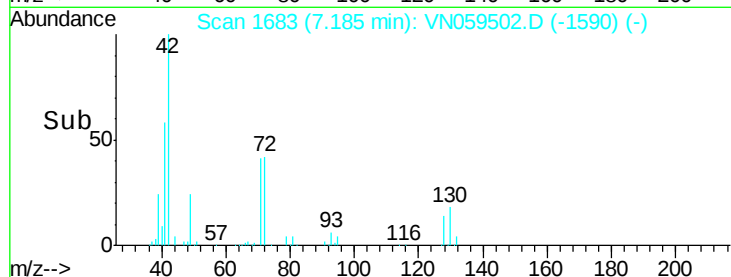
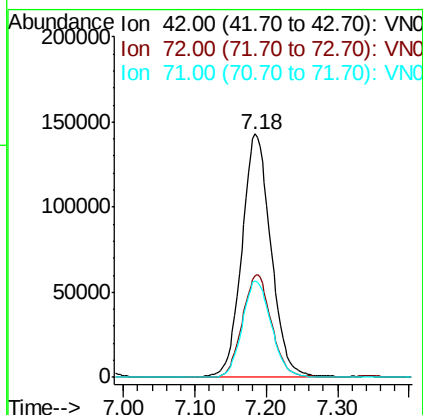
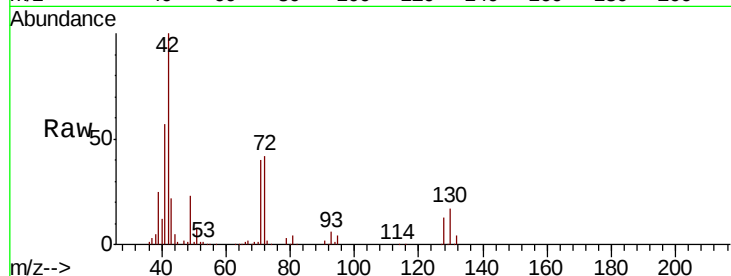
#29
Tetrahydrofuran
Concen: 198.723 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.2	51.2
71	39.6	32.0	48.0

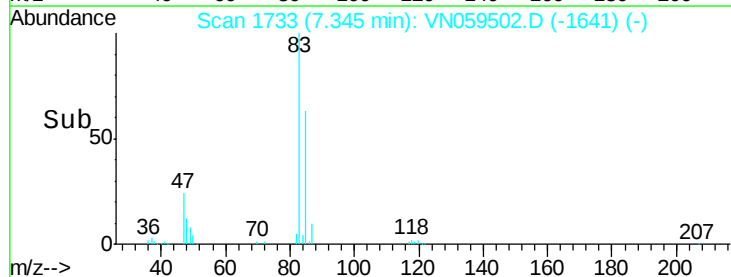
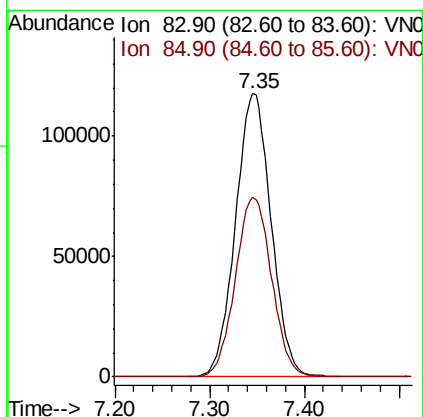
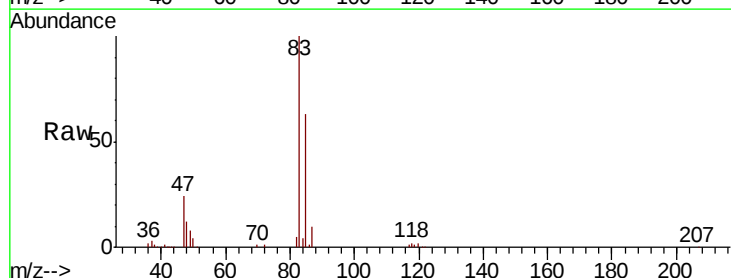
Manual Integrations
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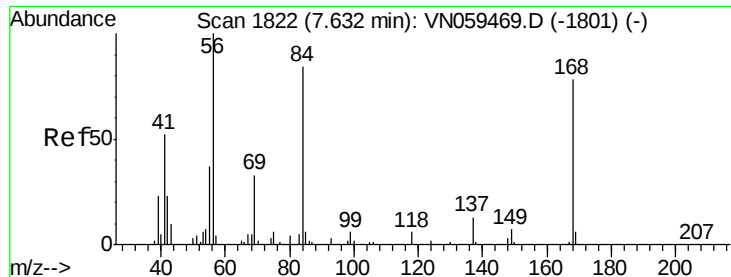
apatel
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#30
Chloroform
Concen: 43.126 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.4	78.6





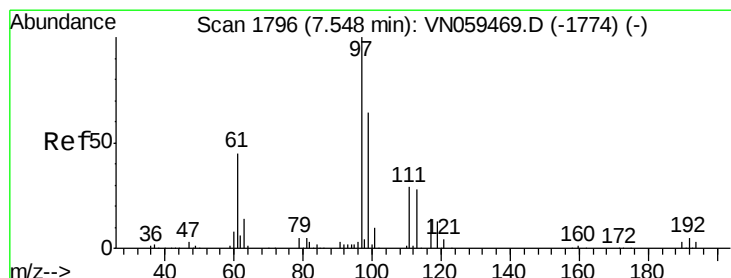
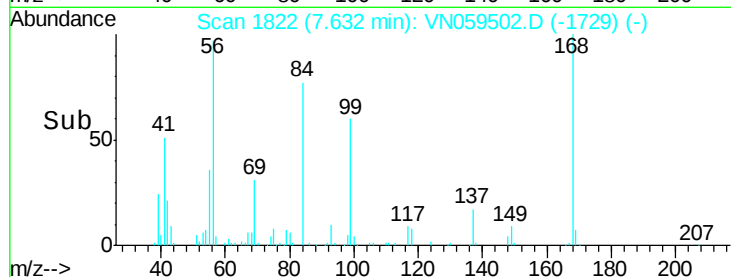
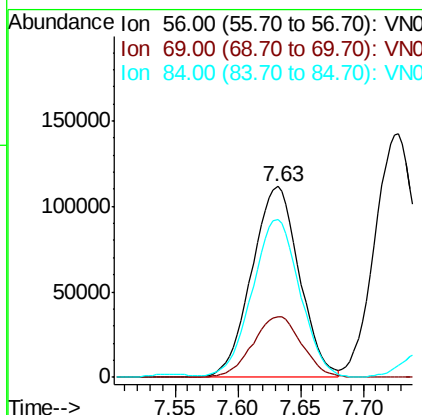
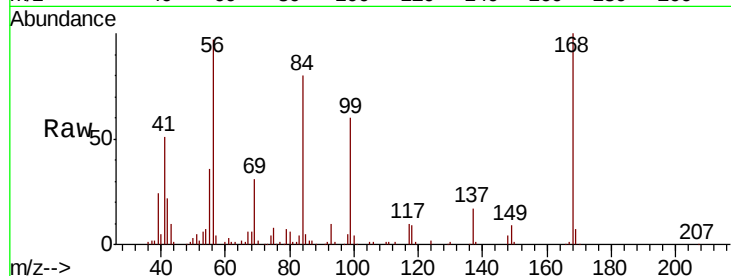
#31
Cyclohexane
Concen: 40.993 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	26.2	39.4
84	81.7	66.8	100.2

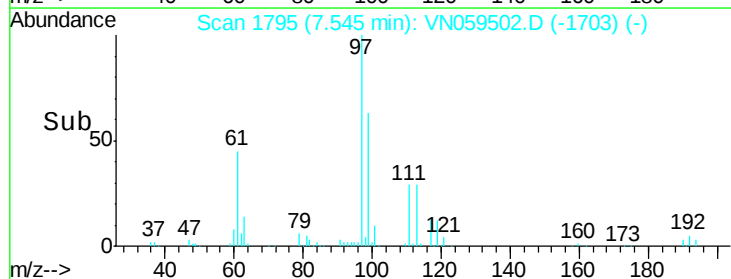
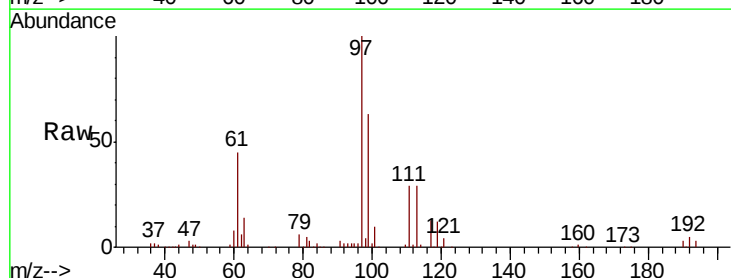
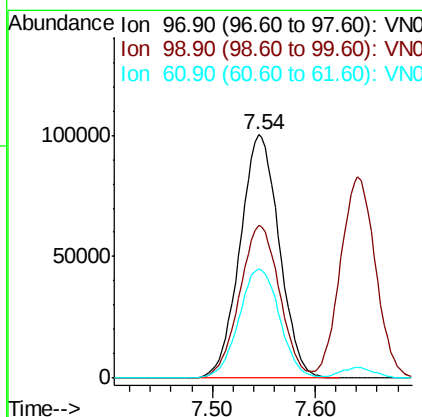
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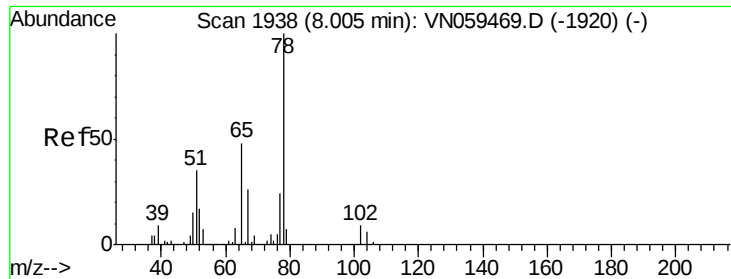
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#32
1,1,1-Trichloroethane
Concen: 42.657 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	46.5	35.4	53.0





#33

1,2-Dichloroethane-d4

Concen: 51.422 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 218686

Ion Ratio Lower Upper

65 100

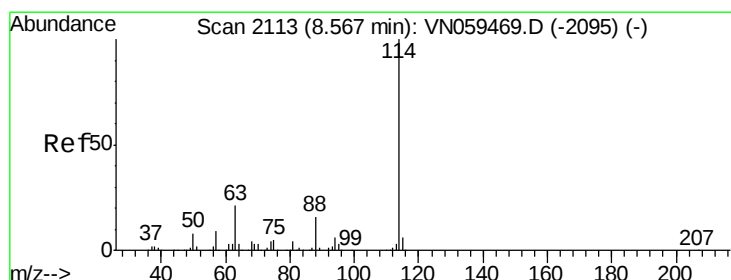
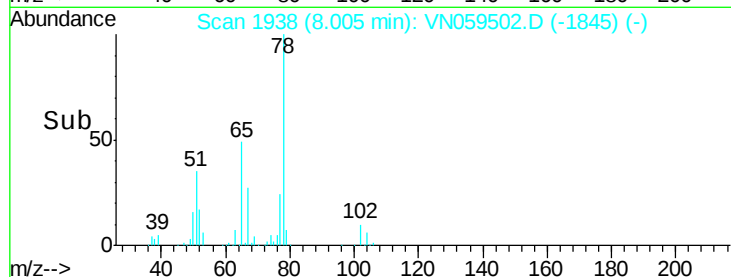
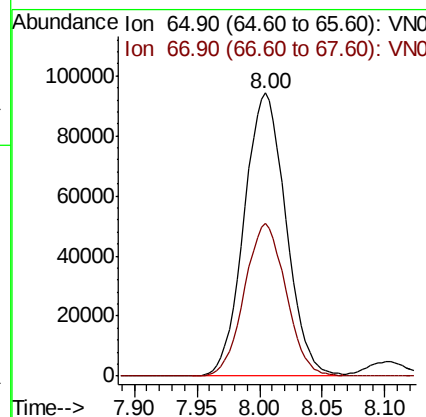
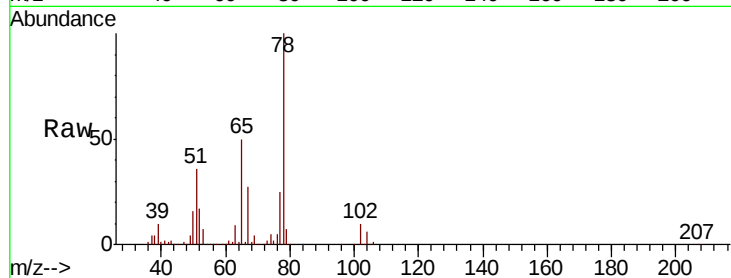
67 53.4 0.0 107.4

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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: VN059502.D

Acq: 5 Dec 2019 16:42

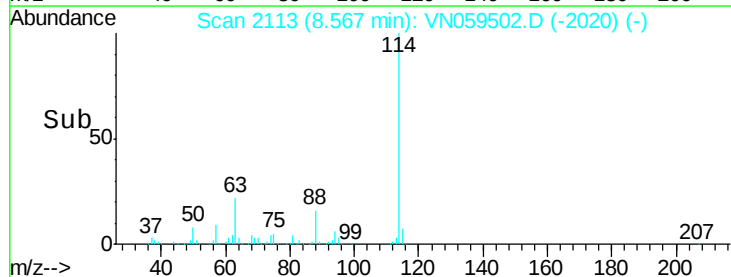
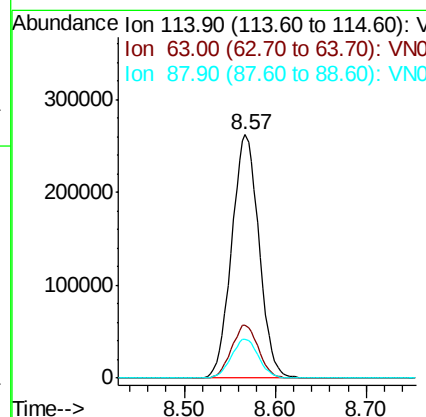
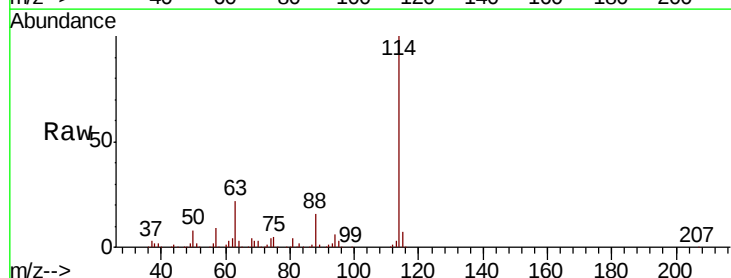
Tgt Ion: 114 Resp: 545745

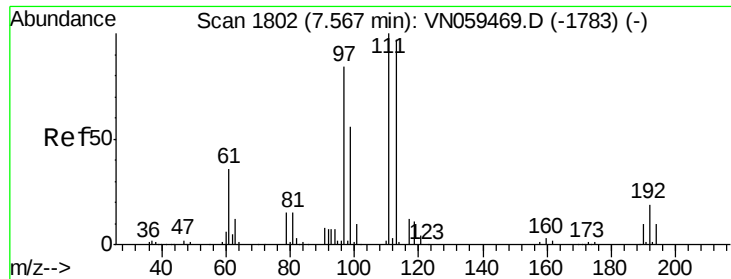
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

88 16.2 0.0 32.8





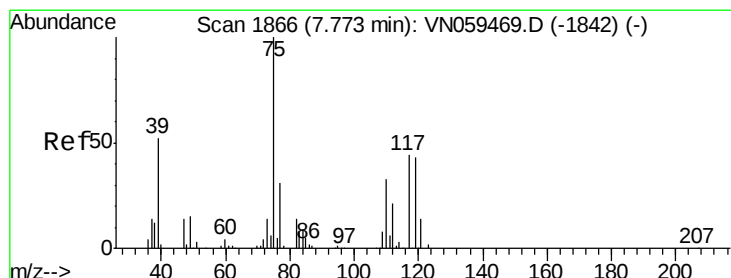
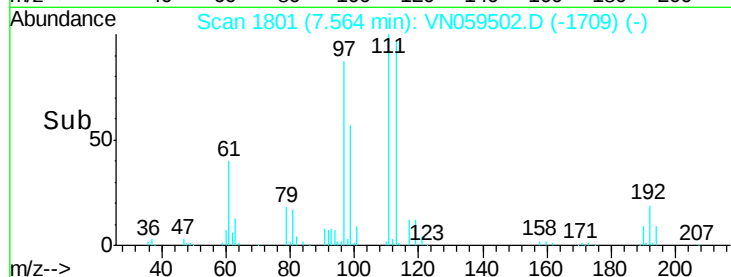
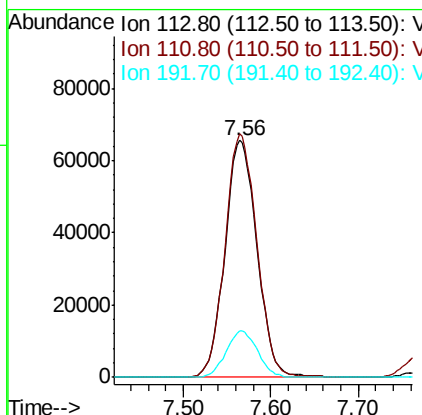
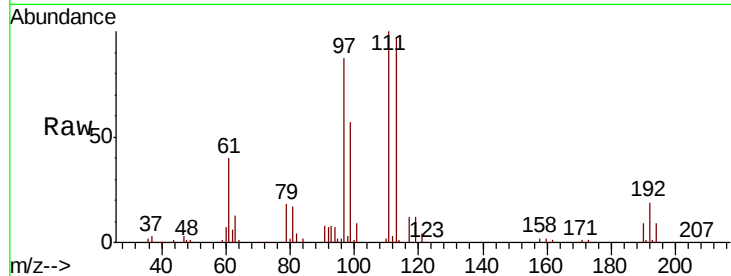
#35
Dibromofluoromethane
Concen: 49.085 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	166841		
111	102.1	82.5	123.7	
192	19.2	16.1	24.1	

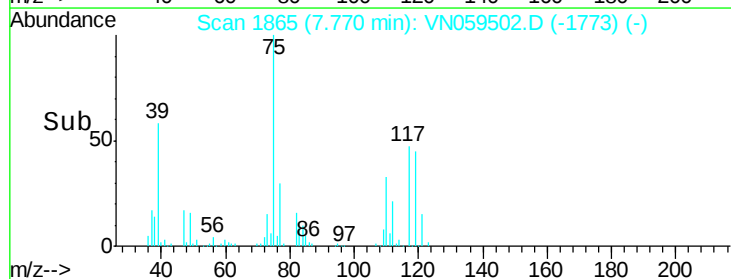
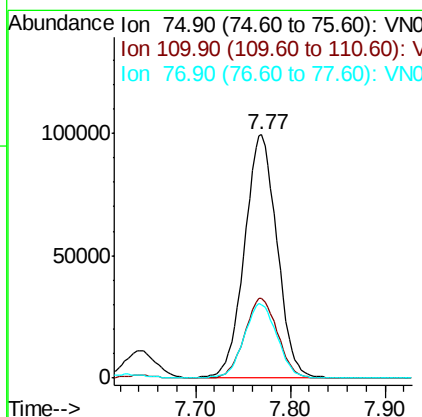
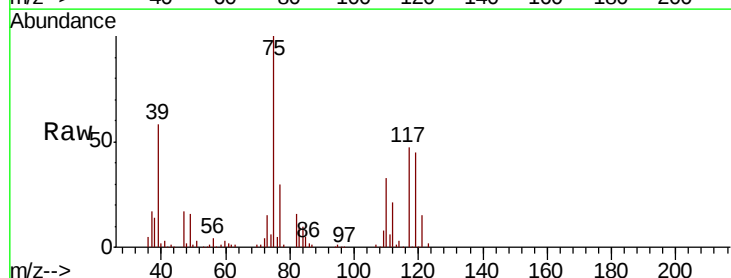
Manual Integrations
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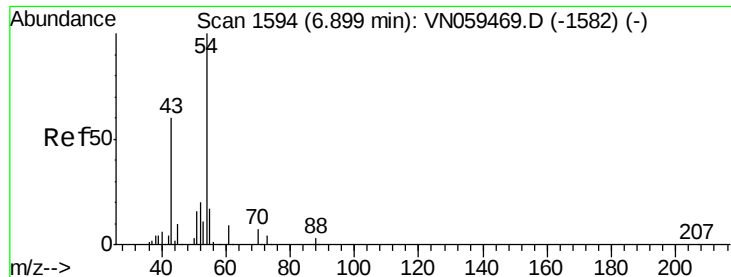
apatel
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#36
1,1-Dichloropropene
Concen: 41.661 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	236600		
110	33.4	16.9	50.7	
77	31.4	25.1	37.7	





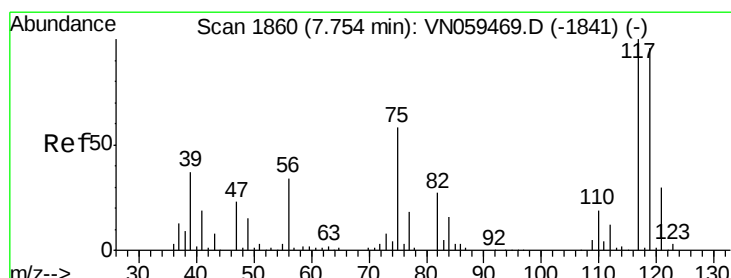
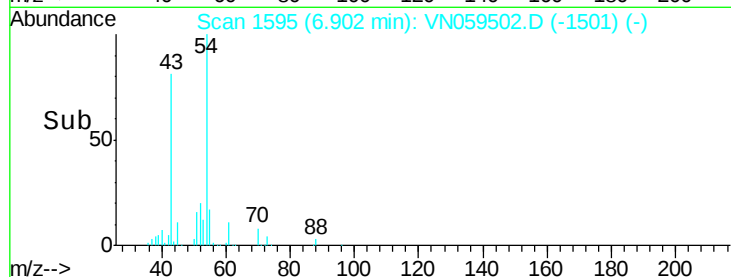
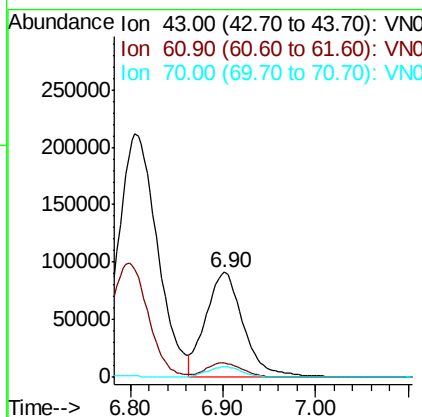
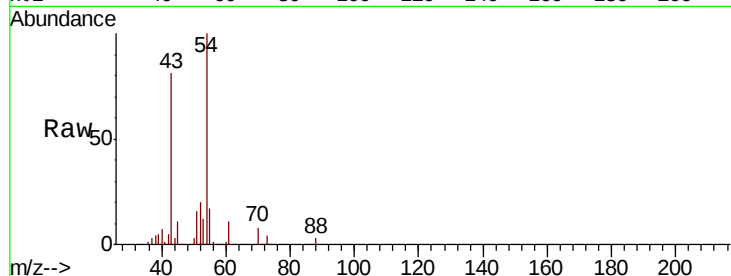
#37
Ethyl Acetate
Concen: 40.120 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	9.7	8.3	12.5

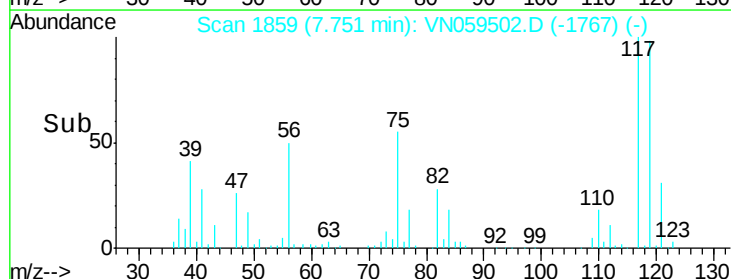
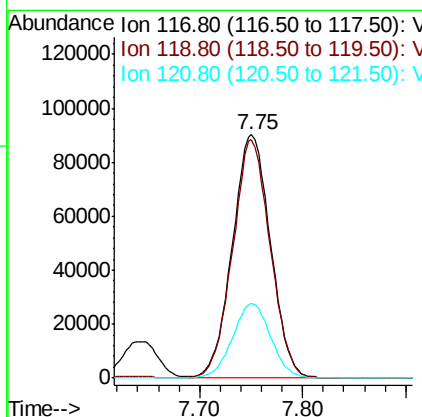
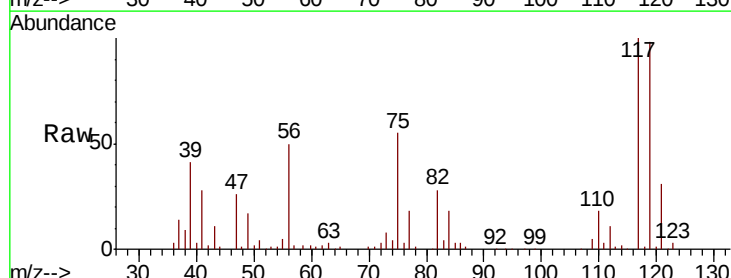
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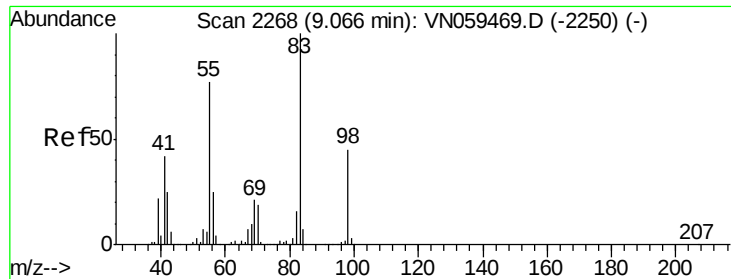
apatel
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#38
Carbon Tetrachloride
Concen: 42.510 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.6	114.8
121	30.6	24.0	36.0





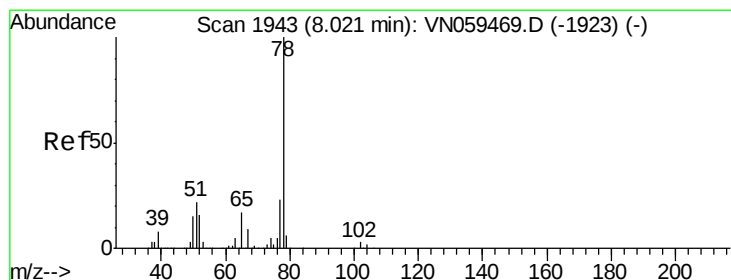
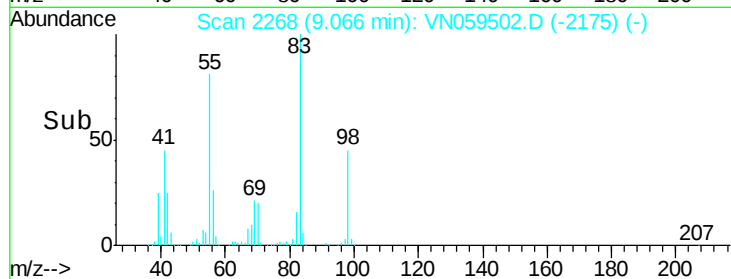
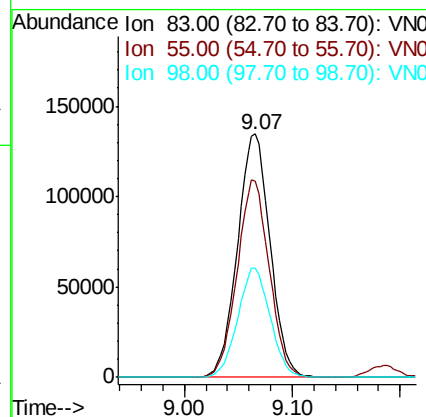
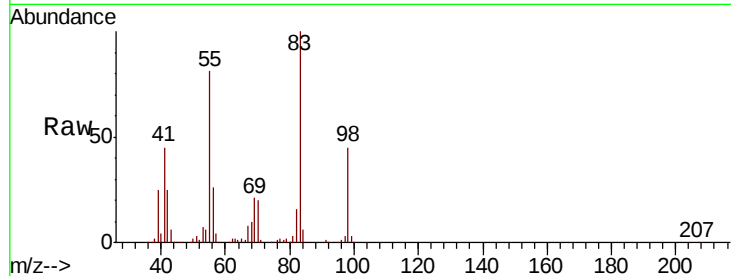
#39
Methvlcvclohexane
Concen: 41.489 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	80.7	61.8	92.6	
98	45.0	36.2	54.2	

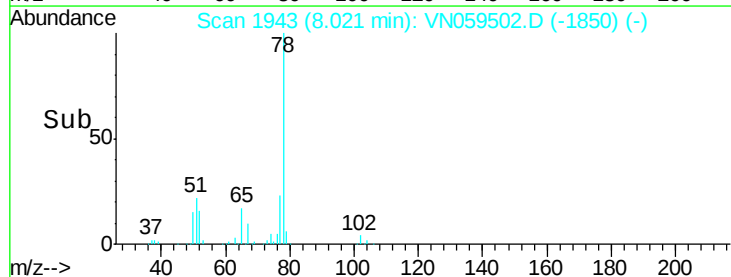
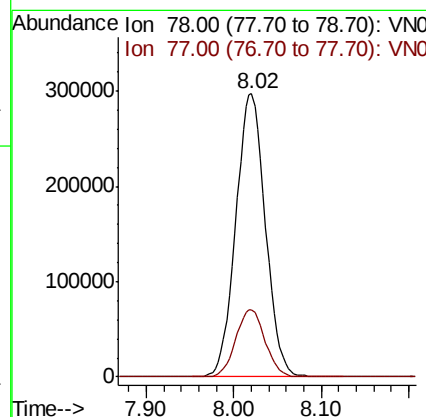
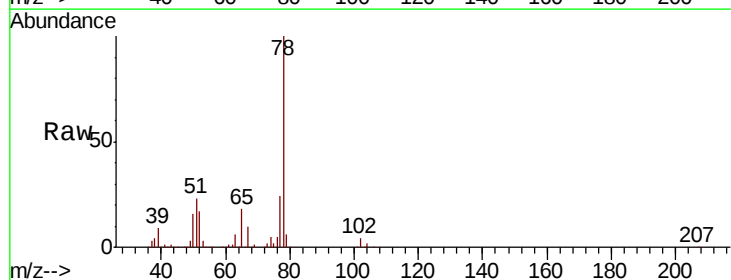
Manual Integrations
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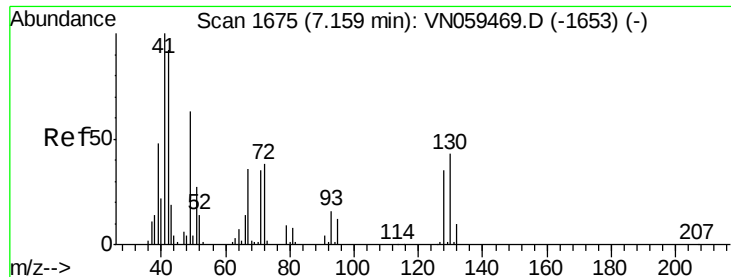
apatel
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#40
Benzene
Concen: 41.853 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	18.2	27.2	





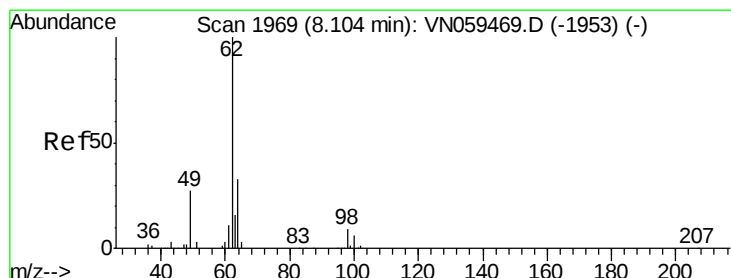
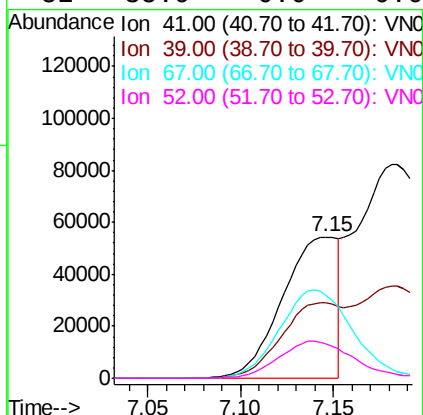
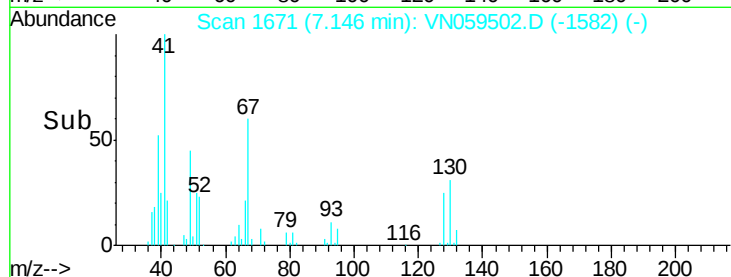
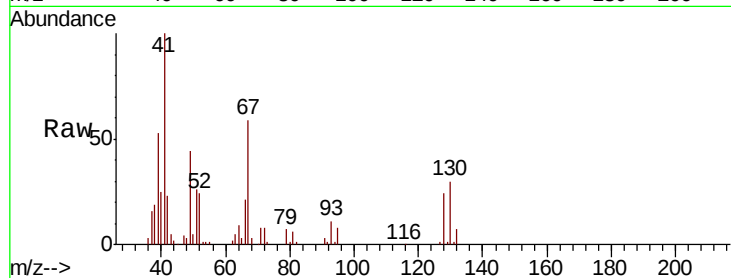
#41
Methacrylonitrile
Concen: 43.841 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	58.5	0.0	0.0#		
67	83.5	0.0	0.0#		
52	35.9	0.0	0.0#		

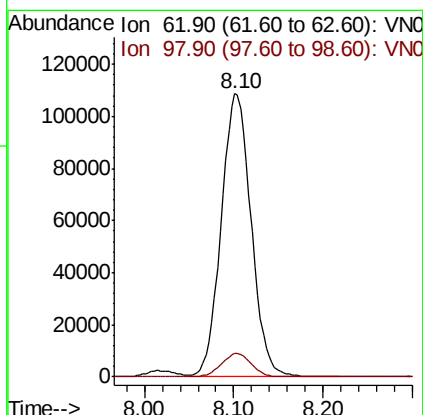
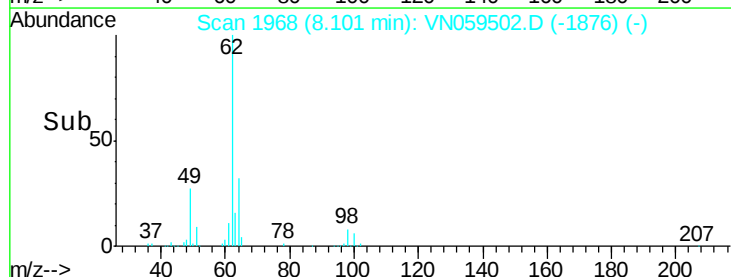
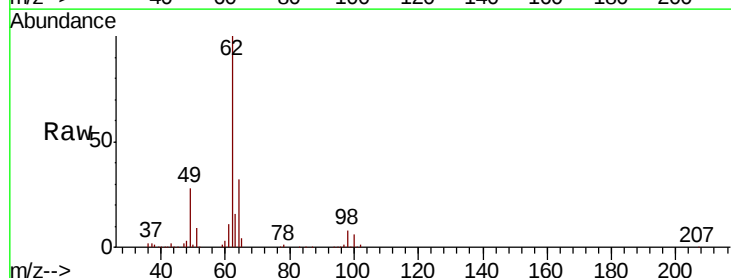
Manual Integrations
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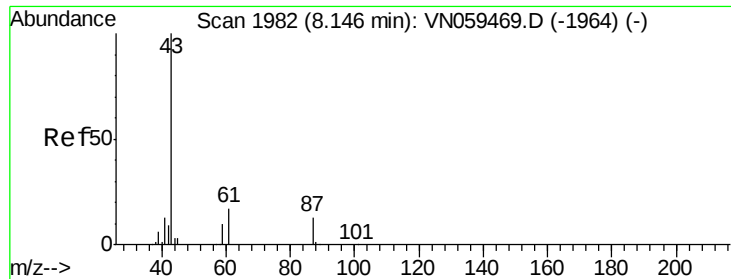
apatel
12/6/2019 2:54:54 PM



#42
1,2-Dichloroethane
Concen: 44.735 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.2	0.0	17.8		





#43

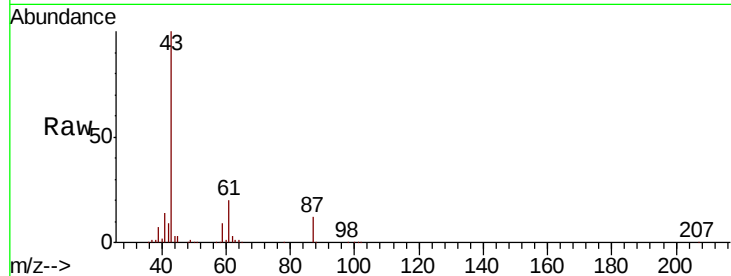
Isopropyl Acetate
 Concen: 42.887 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VN059502.D
 Acq: 5 Dec 2019 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

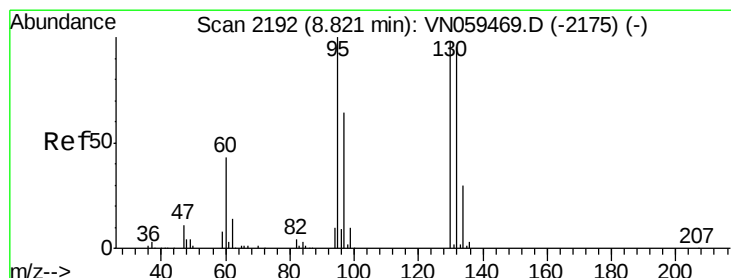
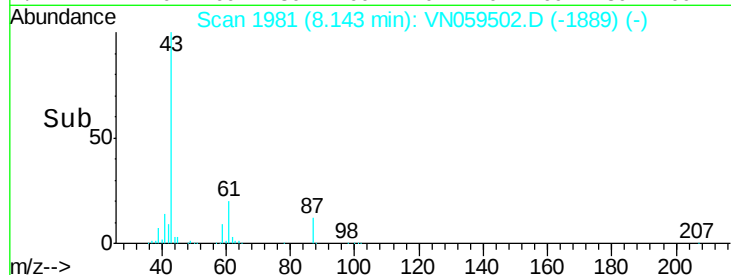
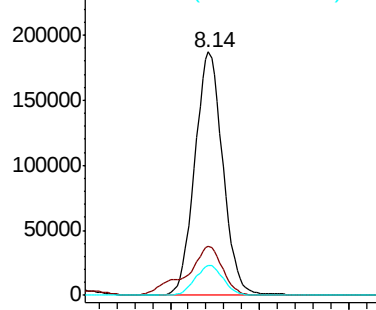
Tot Ion	Ratio	Lower	Upper
43	100		
61	25.9	21.0	31.6
87	12.5	10.4	15.6

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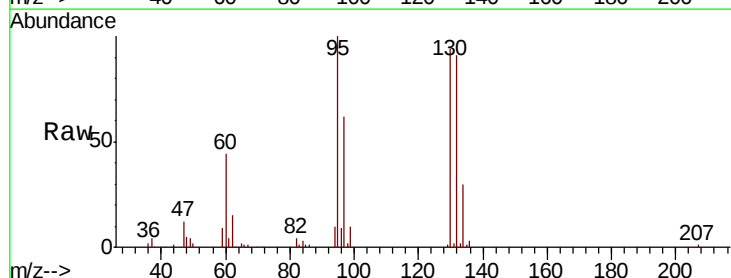
Abundance Ion 43.00 (42.70 to 43.70): VN059469.D (-1964) (-)



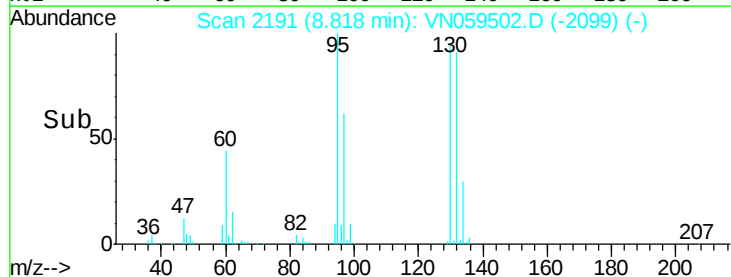
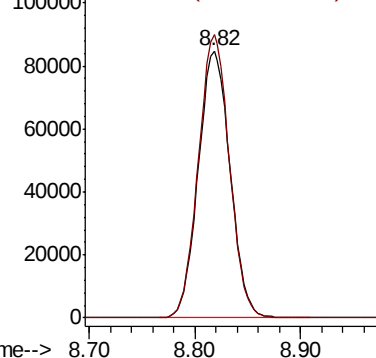
#44

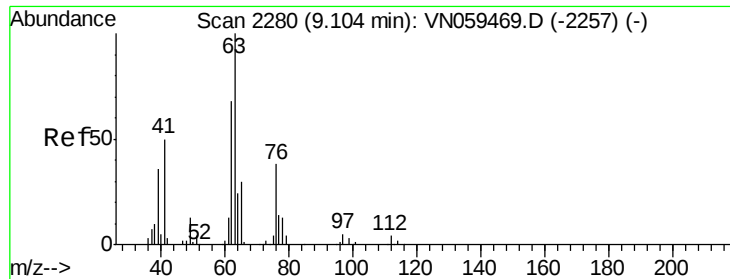
Trichloroethene
 Concen: 40.795 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: VN059502.D
 Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.0	0.0	203.6



Abundance Ion 129.80 (129.50 to 130.50): VN059469.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 42.922 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 190708

Ion Ratio Lower Upper

63 100

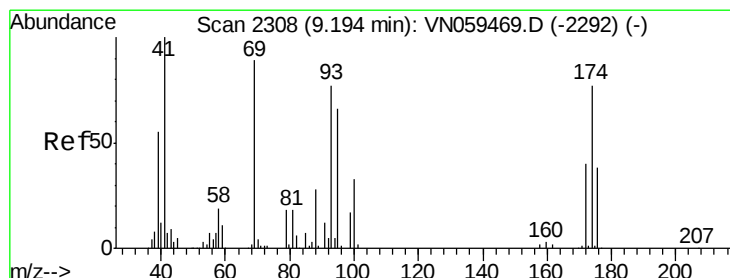
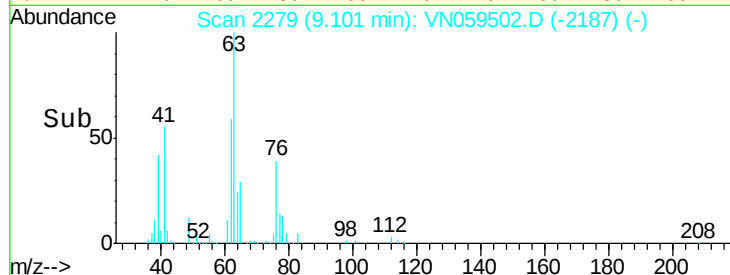
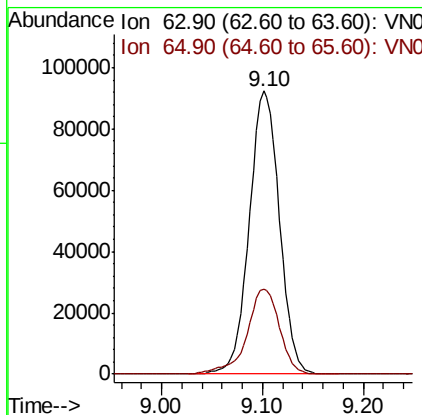
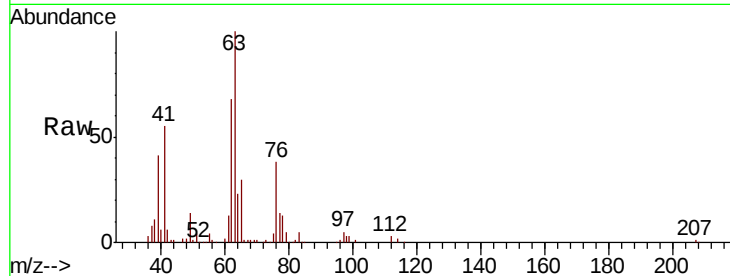
65 30.2 24.4 36.6

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#46

Dibromomethane

Concen: 42.878 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

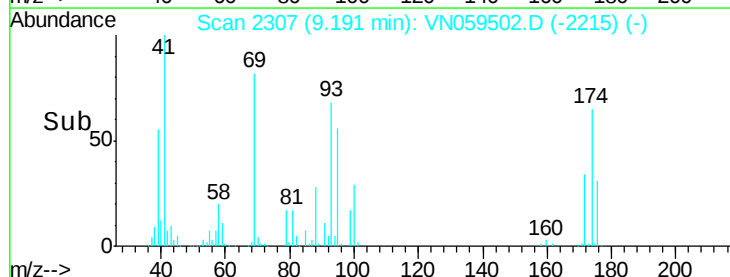
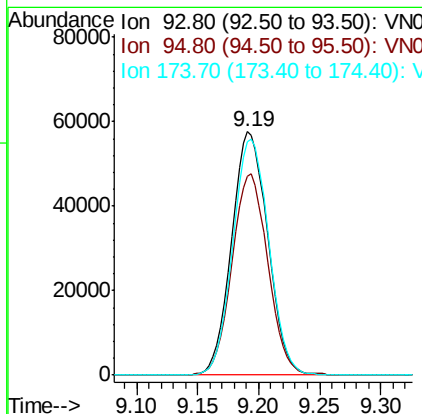
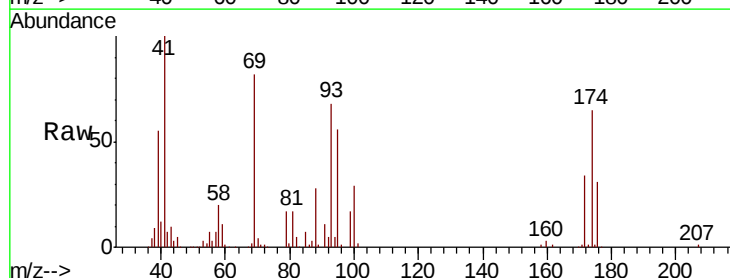
Tgt Ion: 93 Resp: 118612

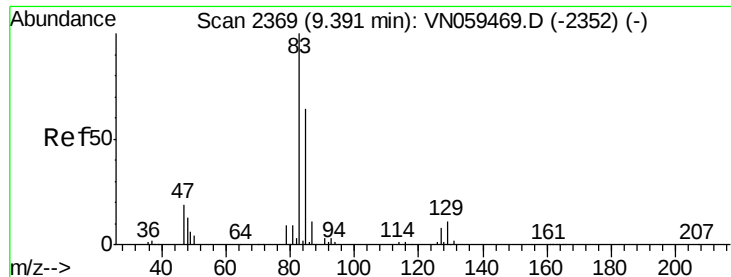
Ion Ratio Lower Upper

93 100

95 82.1 67.0 100.6

174 96.5 79.6 119.4





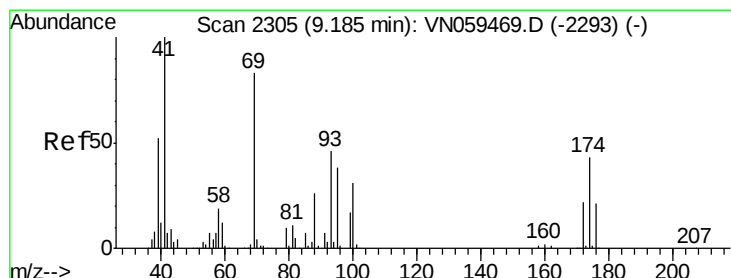
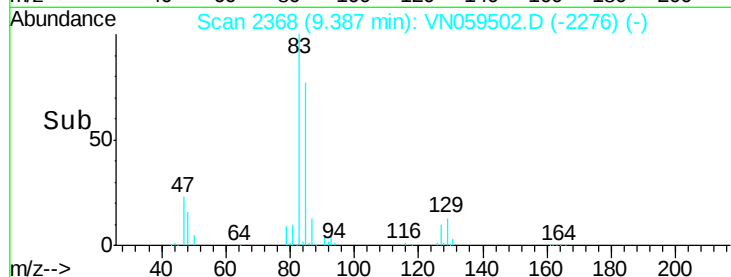
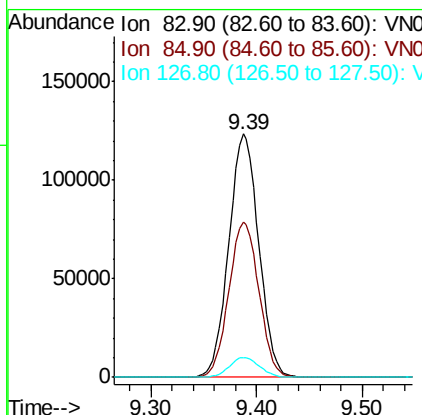
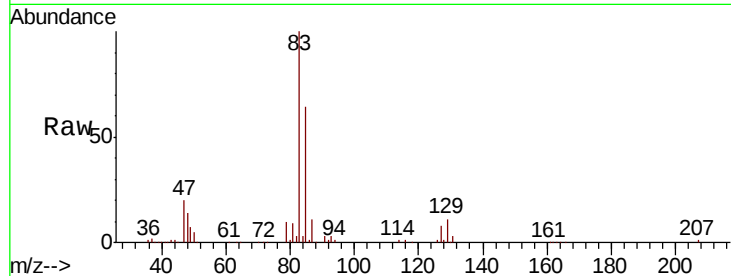
#47
Bromodichloromethane
Concen: 43.789 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	242879
Ion Ratio	100		
85	63.7	51.0	76.6
127	8.2	6.6	9.8

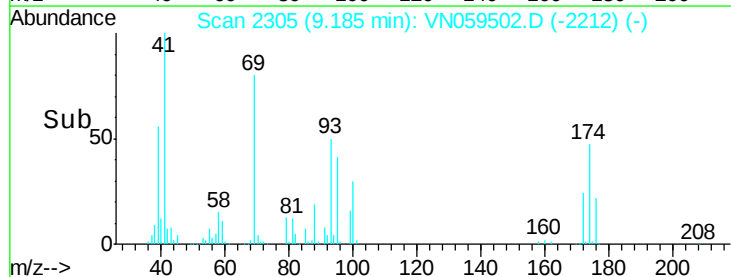
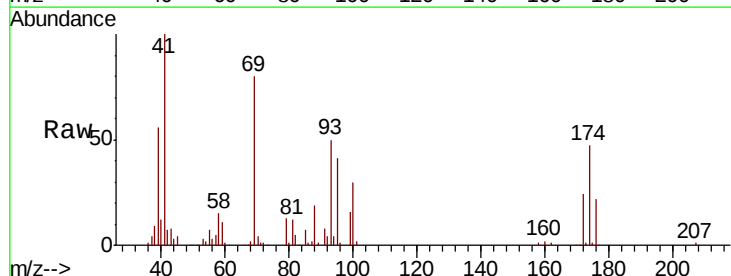
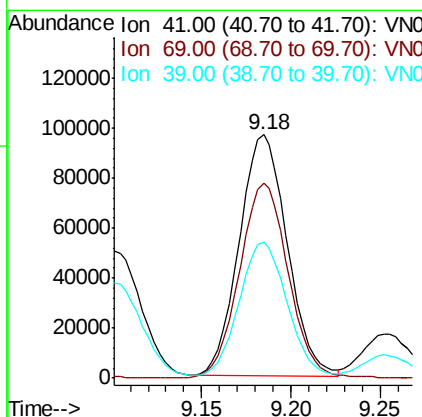
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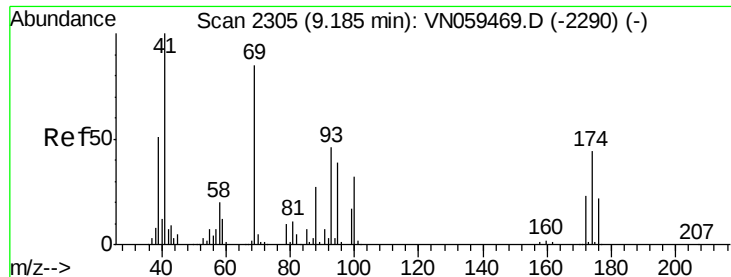
apatel
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#48
Methyl methacrylate
Concen: 42.744 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	41	Resp	181947
Ion Ratio	100		
69	82.5	68.6	103.0
39	56.9	43.2	64.8





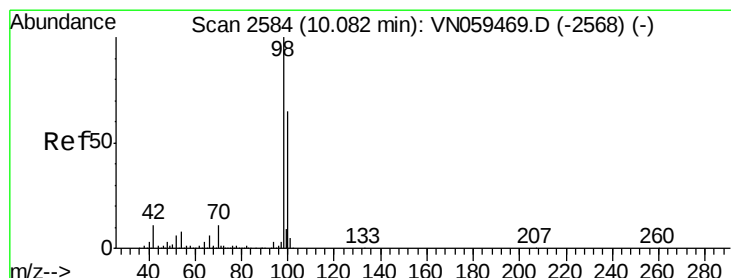
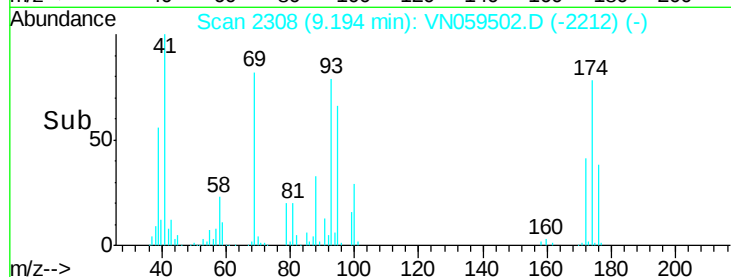
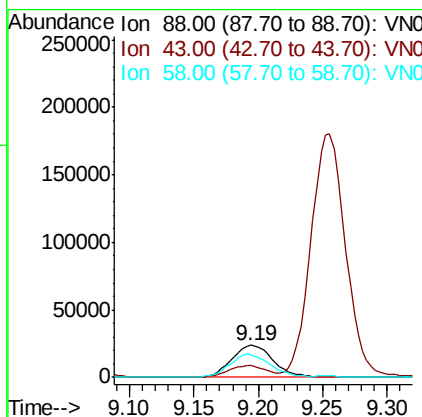
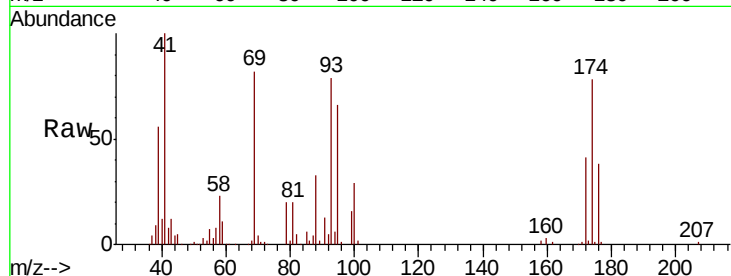
#49
1,4-Dioxane
Concen: 829.442 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.01 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	27.1	40.7
58	71.6	57.8	86.6

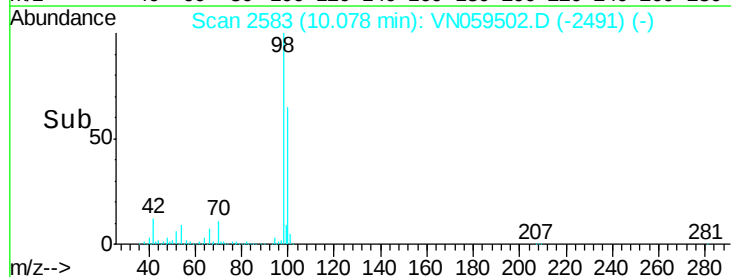
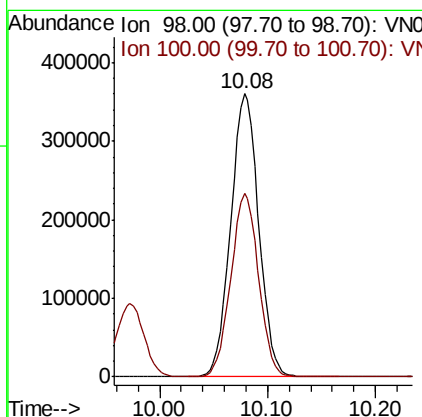
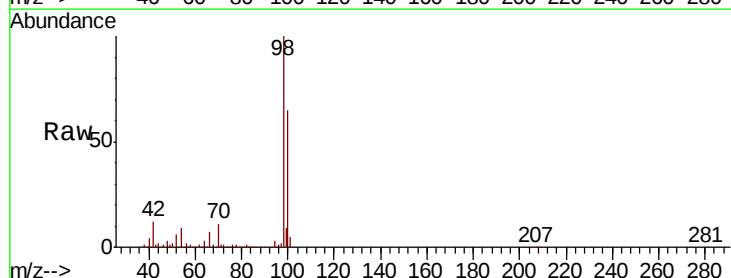
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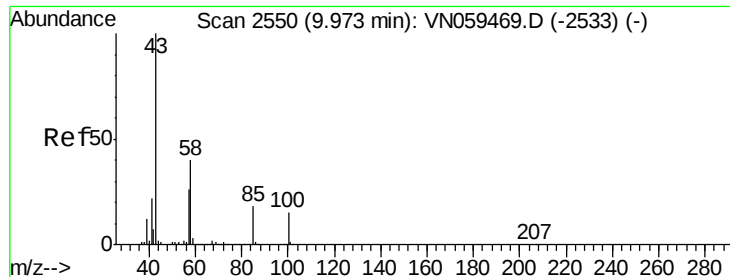
apatel
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#50
Toluene-d8
Concen: 48.701 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.1	78.1





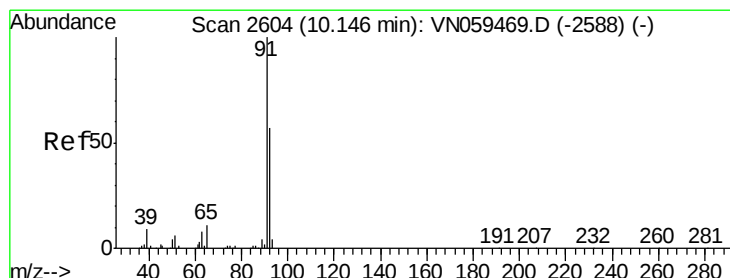
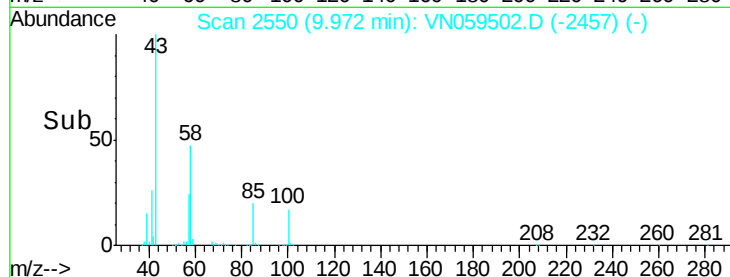
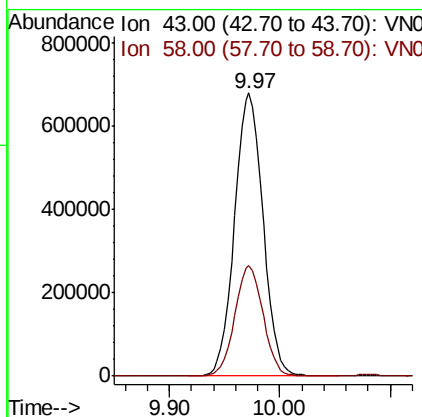
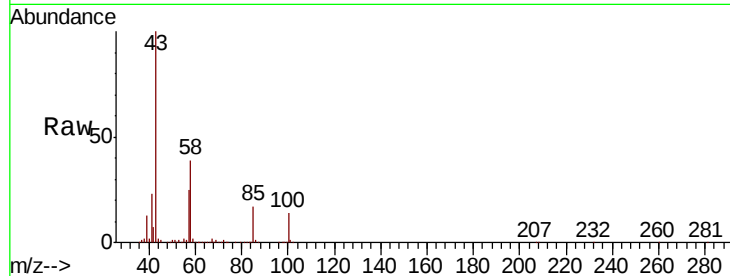
#51
4-Methyl-2-Pentanone
Concen: 217.167 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1216254
Ion Ratio Lower Upper
43 100
58 38.7 32.1 48.1

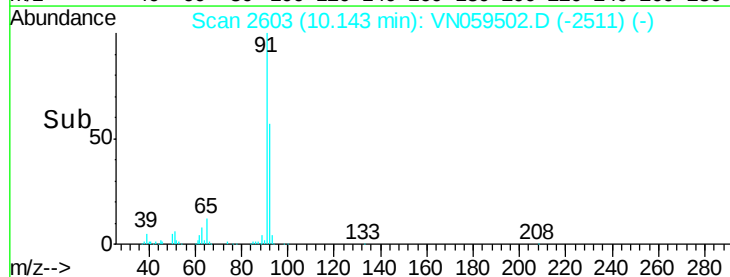
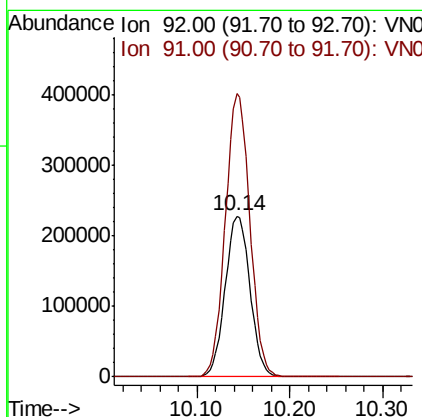
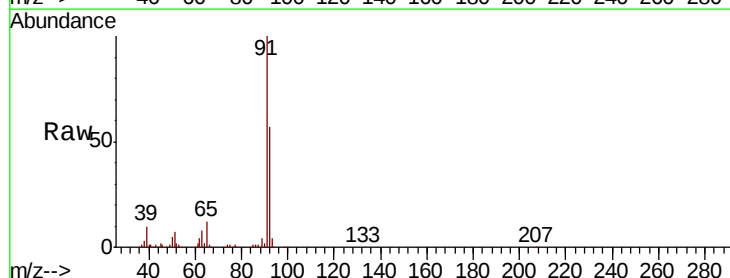
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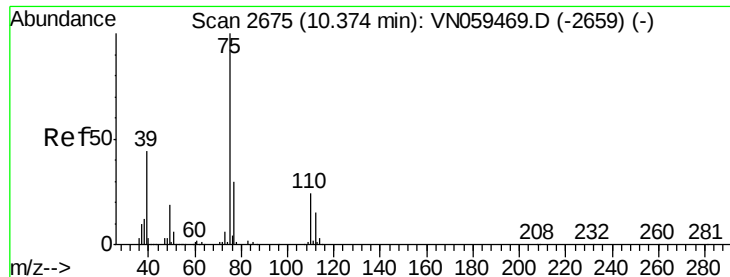
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#52
Toluene
Concen: 42.084 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion: 92 Resp: 423289
Ion Ratio Lower Upper
92 100
91 174.1 138.6 208.0





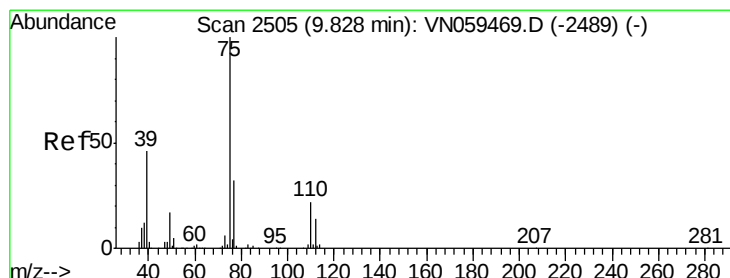
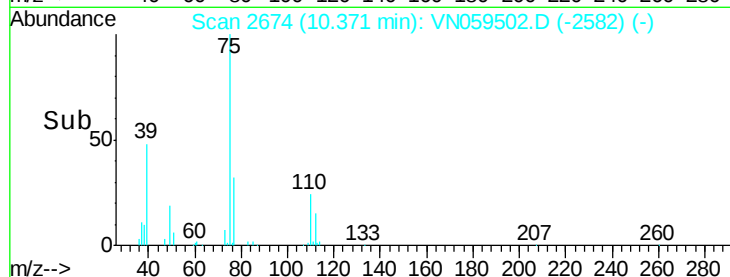
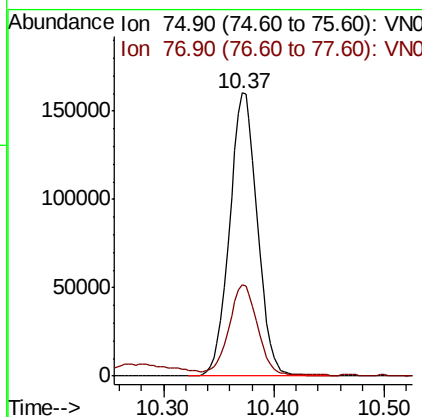
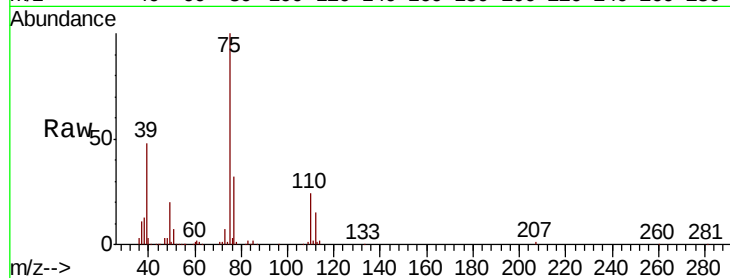
#53
t-1,3-Dichloropropene
Concen: 42.944 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.6

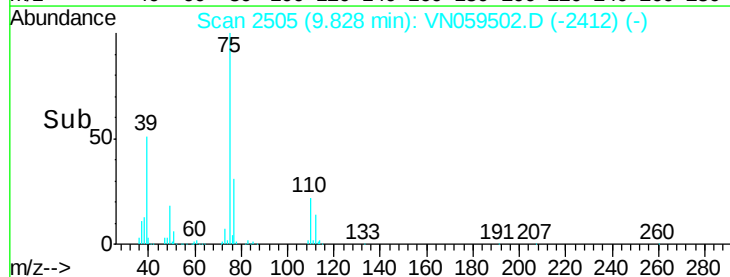
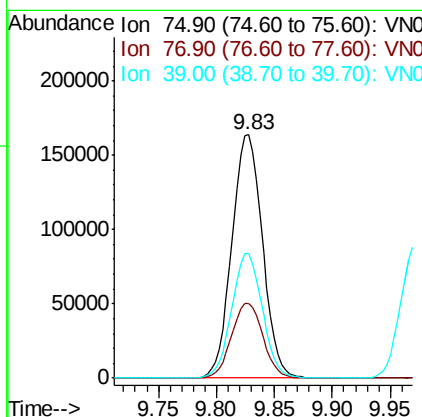
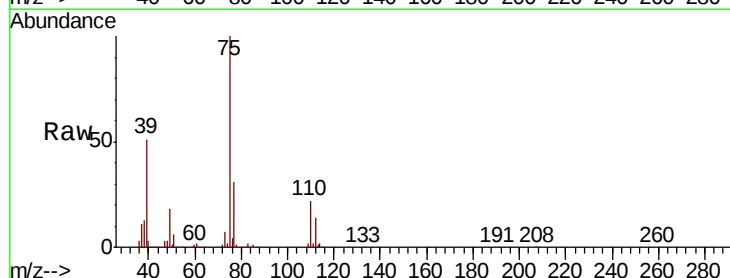
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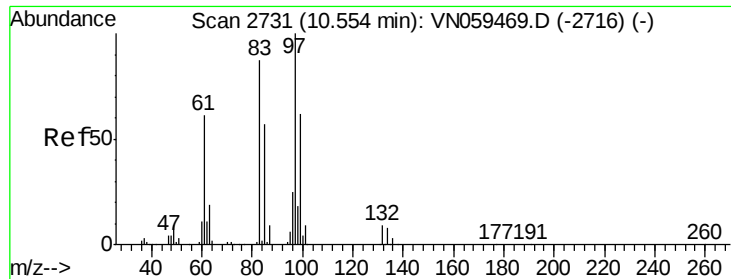
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#54
cis-1,3-Dichloropropene
Concen: 43.519 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.7	38.5
39	50.8	36.6	54.8





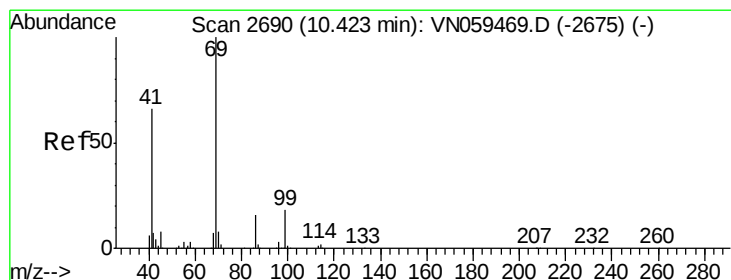
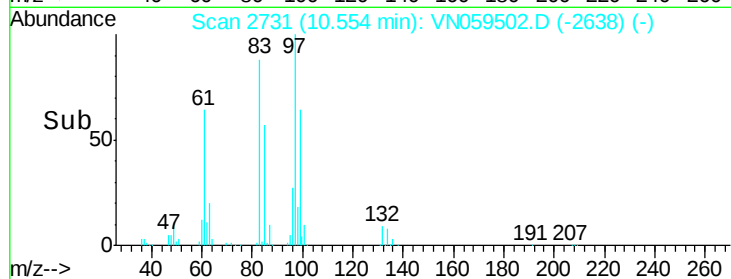
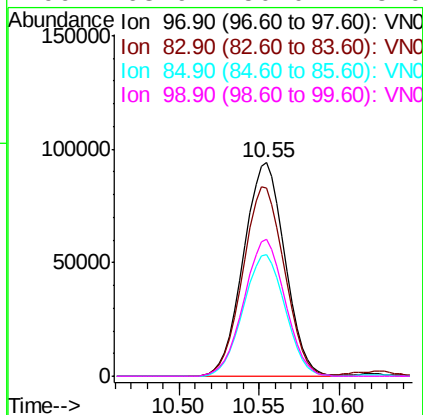
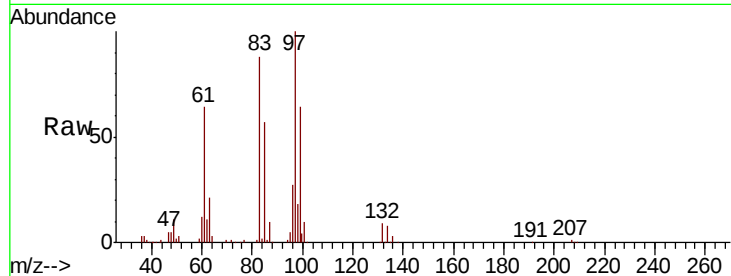
#55
 1,1,2-Trichloroethane
 Concen: 42.013 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059502.D
 Acq: 5 Dec 2019 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.8	104.8
85	56.8	45.5	68.3
99	63.9	50.0	75.0

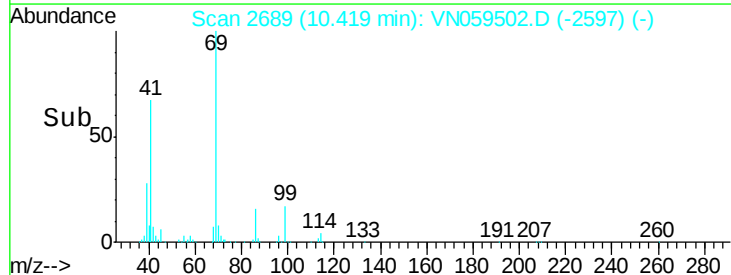
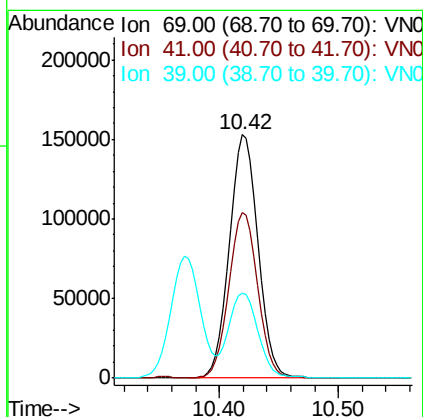
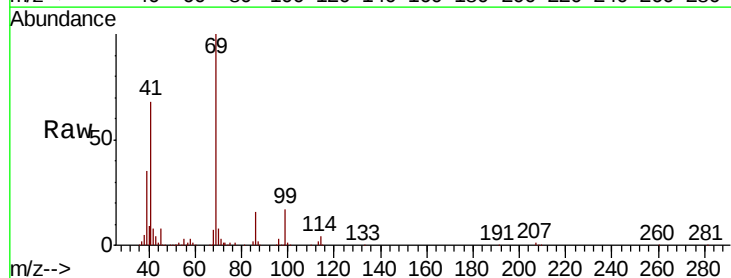
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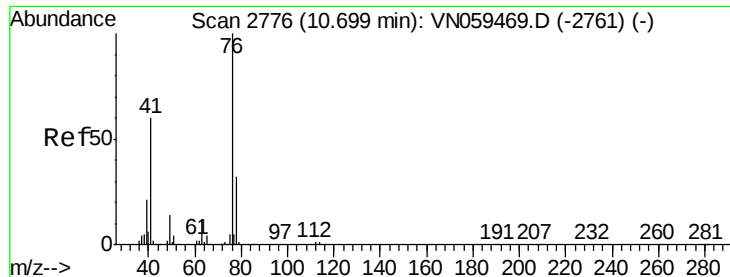
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#56
 Ethyl methacrylate
 Concen: 40.204 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN059502.D
 Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	52.7	79.1
39	35.9	25.0	37.6





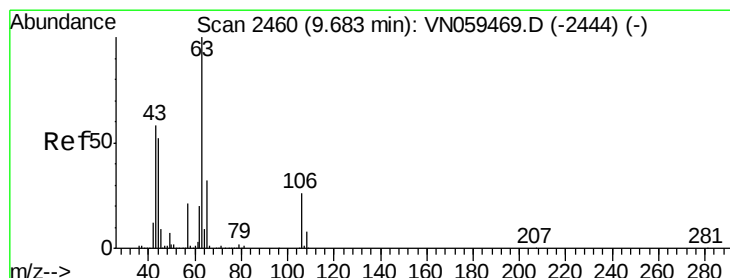
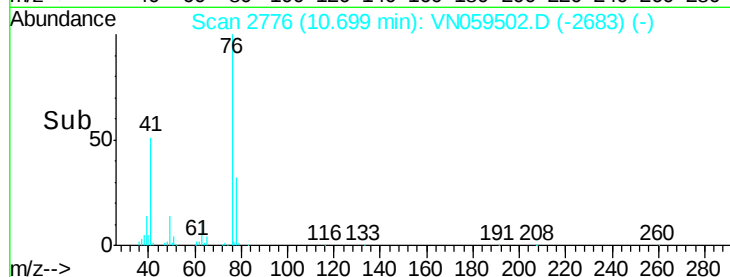
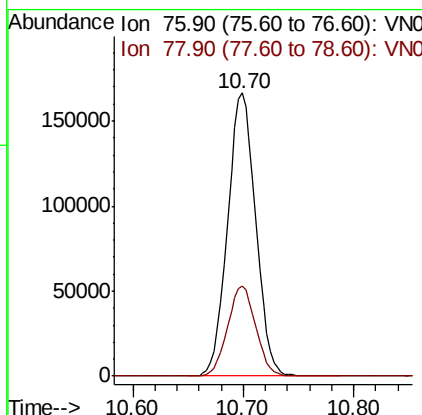
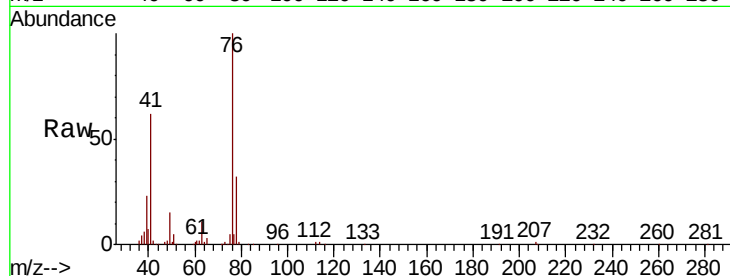
#57
 1,3-Dichloropropane
 Concen: 42.787 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN059502.D
 Acq: 5 Dec 2019 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8

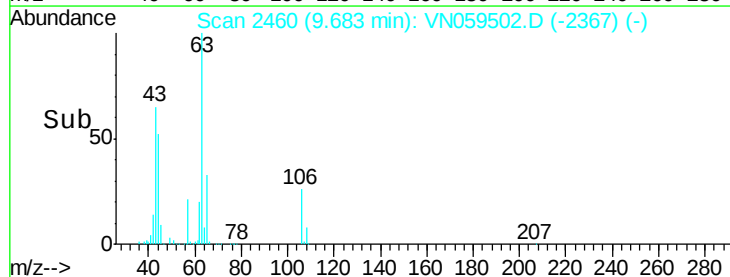
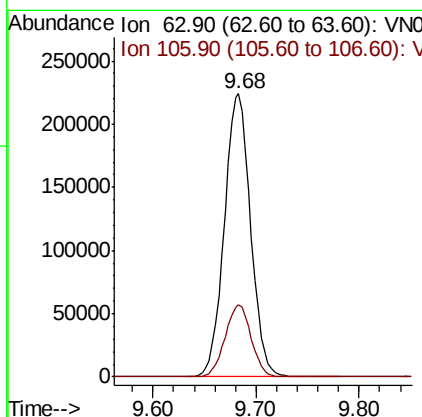
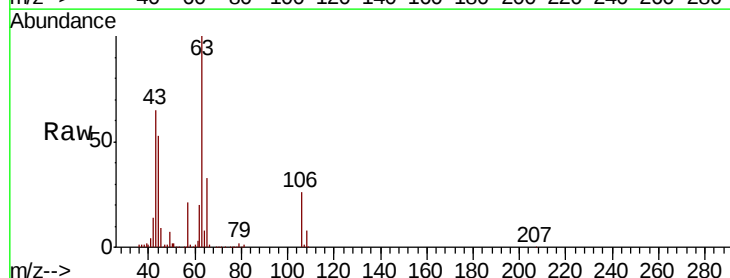
Manual Integrations
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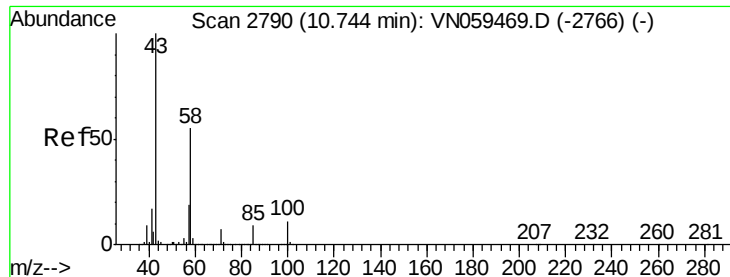
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 185.559 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: VN059502.D
 Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.4	20.4	30.6





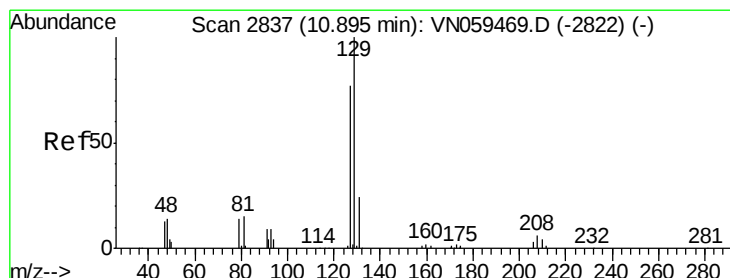
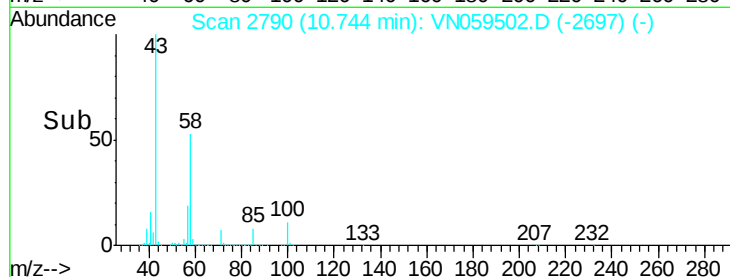
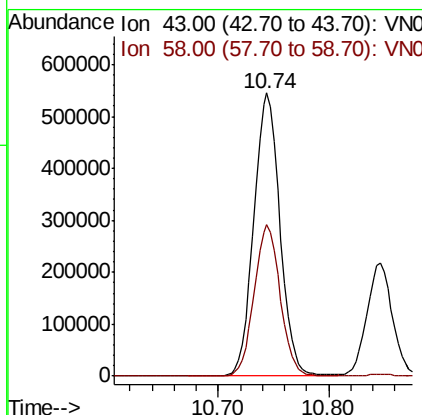
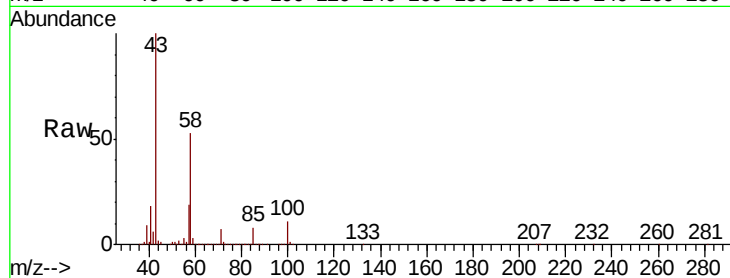
#59
2-Hexanone
Concen: 212.642 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	896247
Ion Ratio	100	Lower	Upper
58	53.3	27.7	83.0

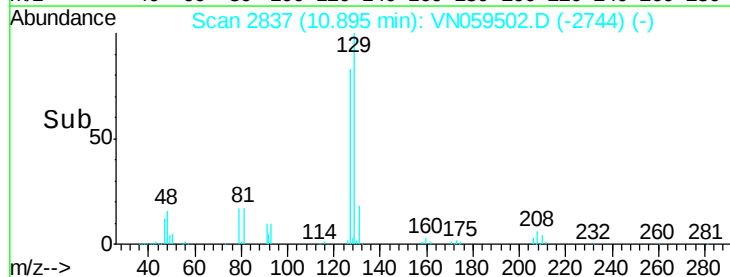
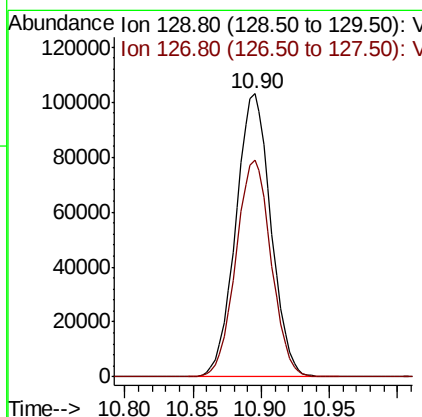
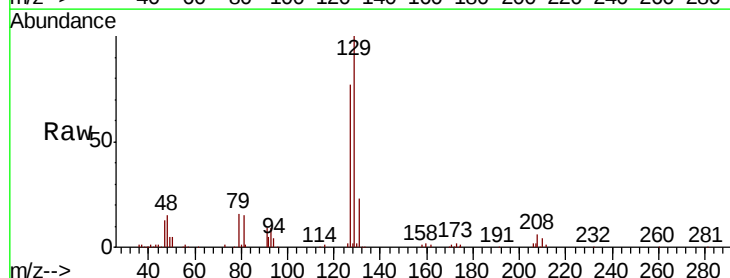
Manual Integrations
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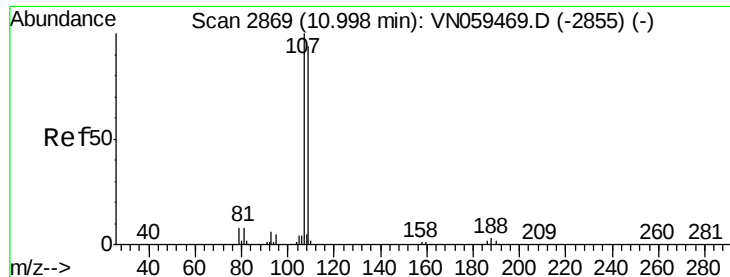
apatel
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#60
Dibromochloromethane
Concen: 43.496 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	129	Resp	184145
Ion Ratio	100	Lower	Upper
127	76.7	39.0	116.9





#61

1,2-Dibromoethane

Concen: 42.488 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 174075

Ion Ratio Lower Upper

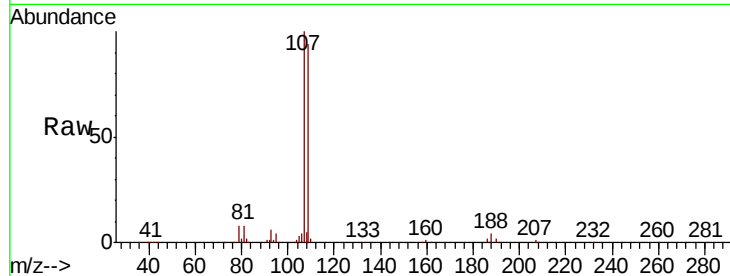
107 100

109 94.7 75.4 113.0

Manual Integrations
APPROVED

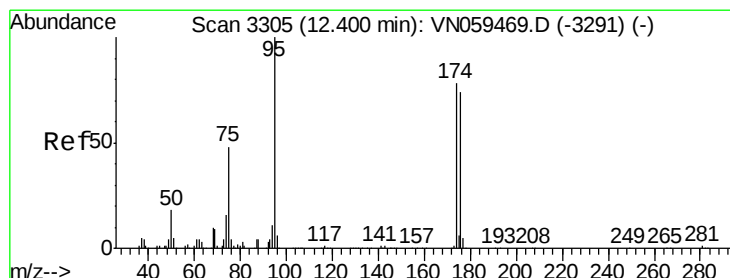
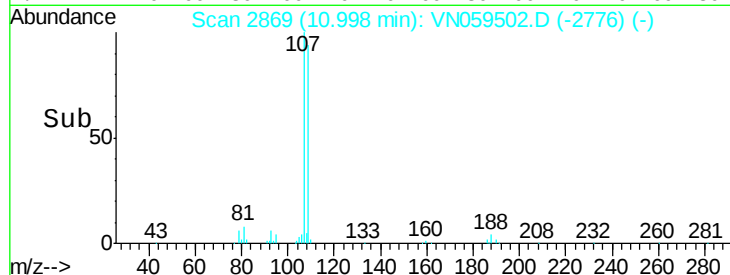
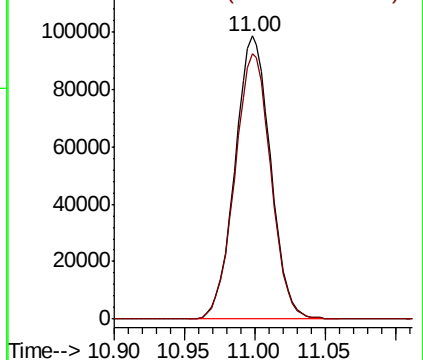
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.711 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

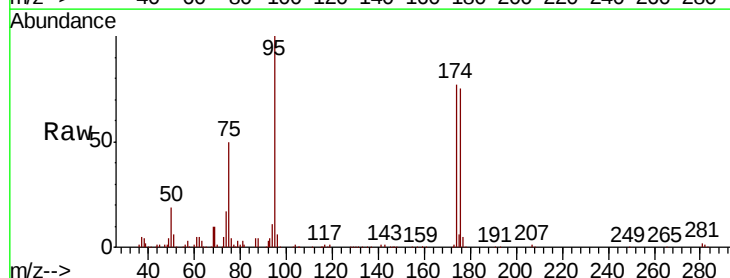
Tgt Ion: 95 Resp: 232660

Ion Ratio Lower Upper

95 100

174 77.6 0.0 157.0

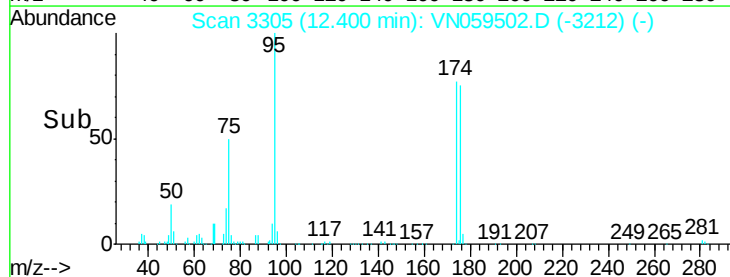
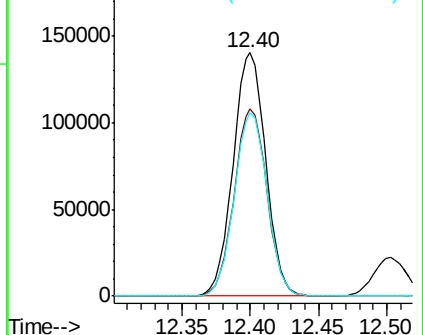
176 76.0 0.0 152.4

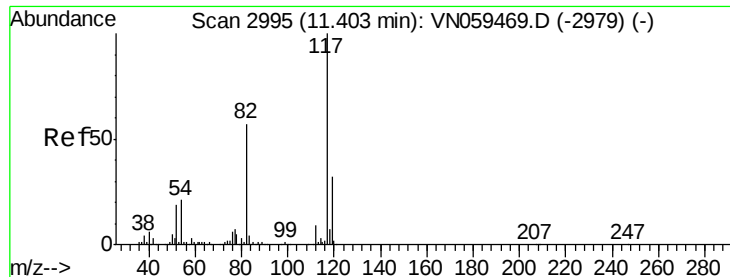


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





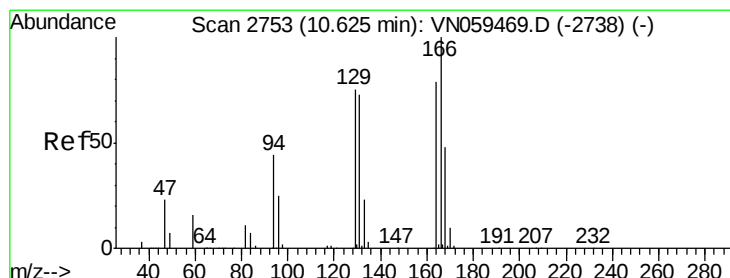
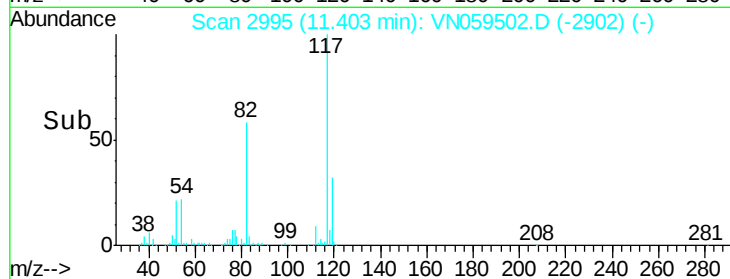
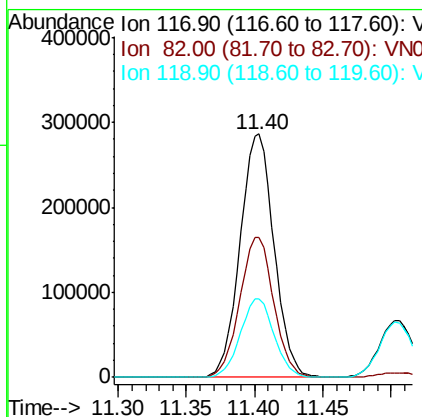
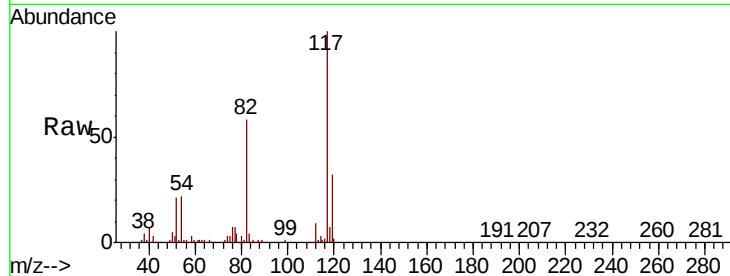
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	495080		
82	57.6	45.8	68.8	
119	32.5	25.4	38.0	

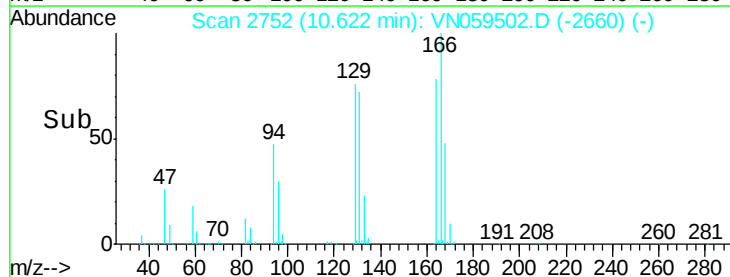
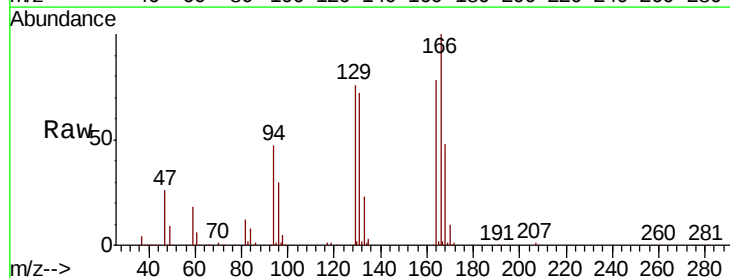
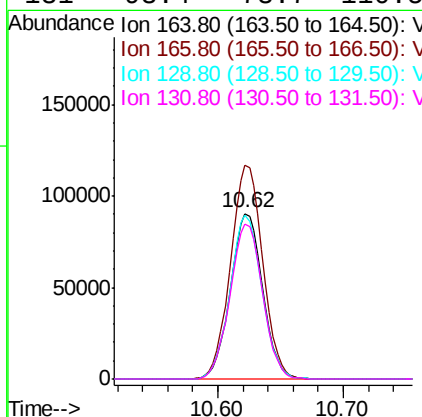
Manual Integrations
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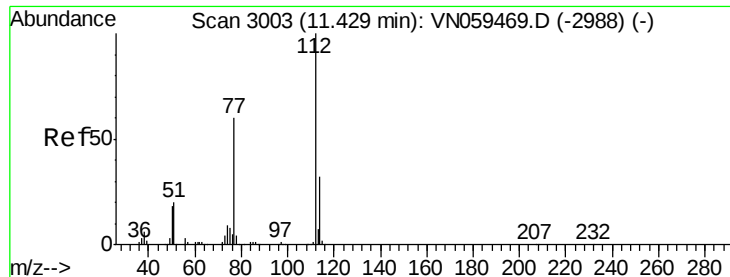
apatel
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#64
Tetrachloroethene
Concen: 38.148 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	160649		
166	129.0	101.2	151.8	
129	98.6	76.1	114.1	
131	93.4	73.7	110.5	





#65

Chlorobenzene

Concen: 41.097 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 444798

Ion Ratio Lower Upper

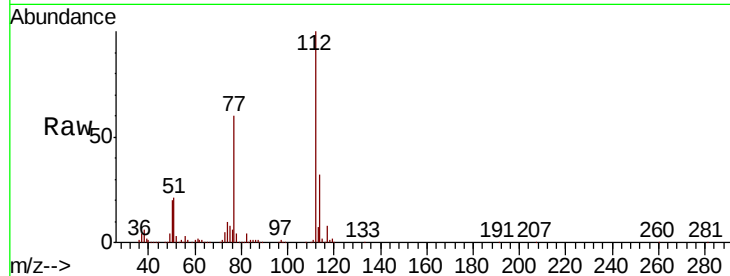
112 100

114 31.6 25.7 38.5

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

300000

250000

200000

150000

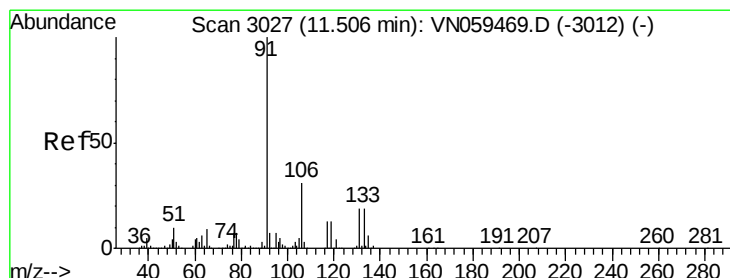
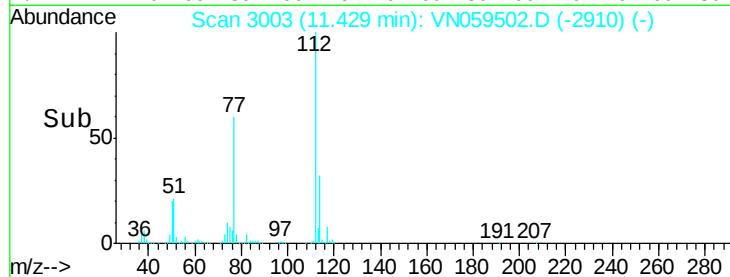
100000

50000

0

11.40 11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 43.151 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

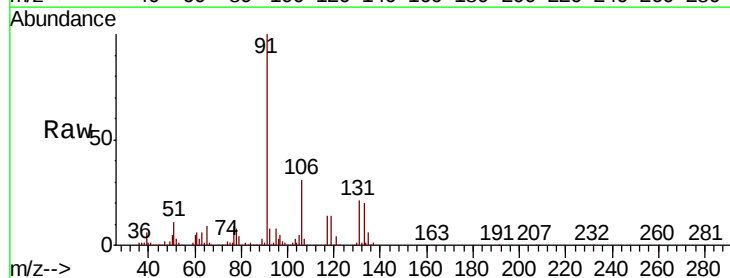
Tgt Ion:131 Resp: 167812

Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.0

119 66.7 33.9 101.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

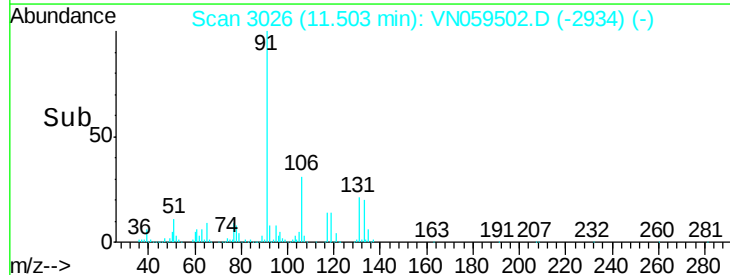
100000

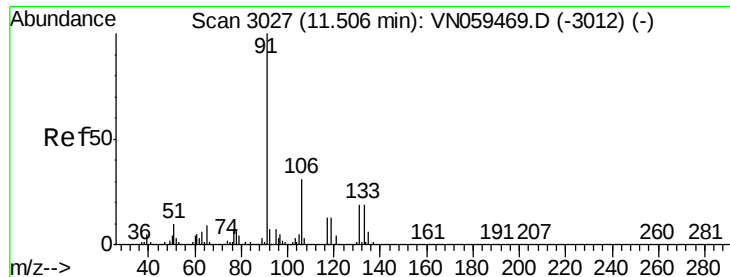
50000

0

11.45 11.50 11.55

Time-->





#67

Ethyl Benzene

Concen: 43.107 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 817417

Ion Ratio Lower Upper

91 100

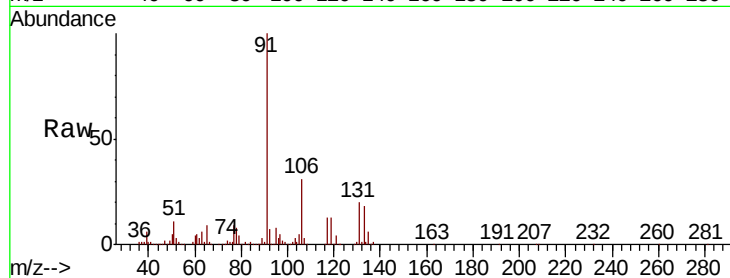
106 30.8 24.7 37.1

Manual Integrations

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

Ion 106.00 (105.70 to 106.70): VN059469.D (-3012) (-)

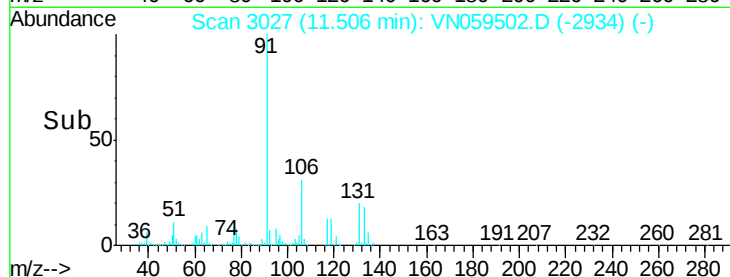
600000

400000

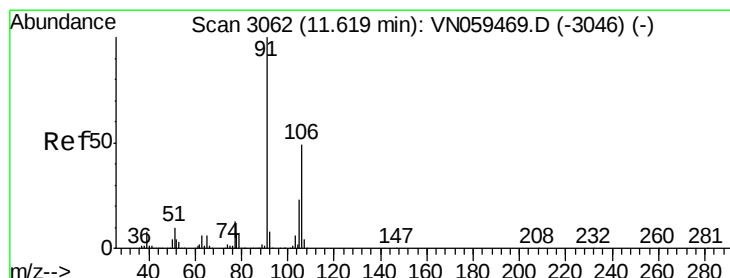
200000

0

11.40 11.45 11.50 11.55



Time--> 11.40 11.45 11.50 11.55



#68

m/p-Xylenes

Concen: 85.268 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059502.D

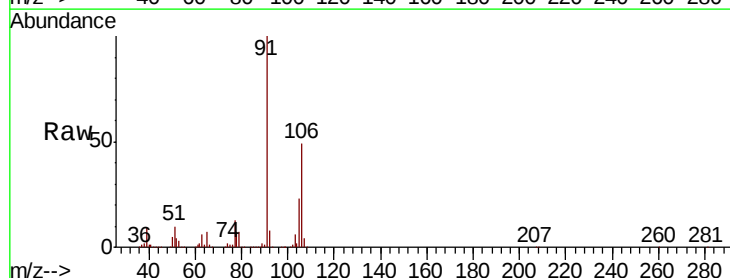
Acq: 5 Dec 2019 16:42

Tgt Ion: 106 Resp: 602057

Ion Ratio Lower Upper

106 100

91 207.0 162.2 243.4



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

Ion 91.00 (90.70 to 91.70): VN059469.D (-3046) (-)

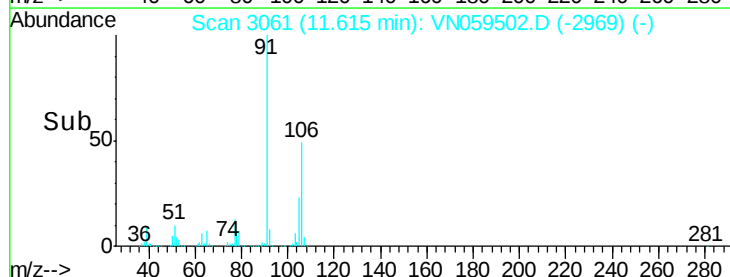
600000

400000

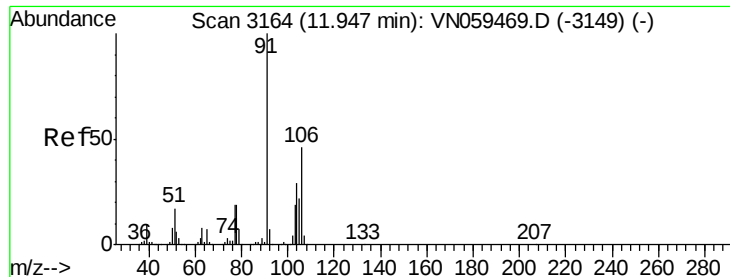
200000

0

11.50 11.60 11.70



Time--> 11.50 11.60 11.70



#69

o-Xylene

Concen: 42.821 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:106 Resp: 287846

Ion Ratio Lower Upper

106 100

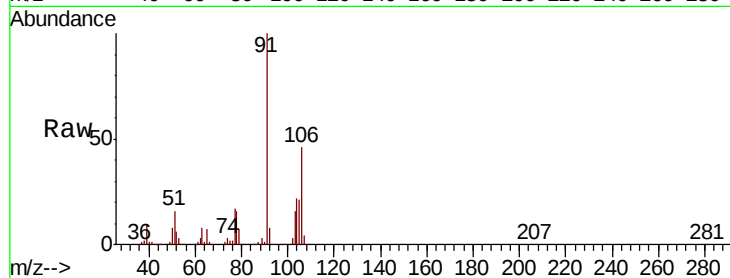
91 216.5 108.5 325.3

Manual Integrations

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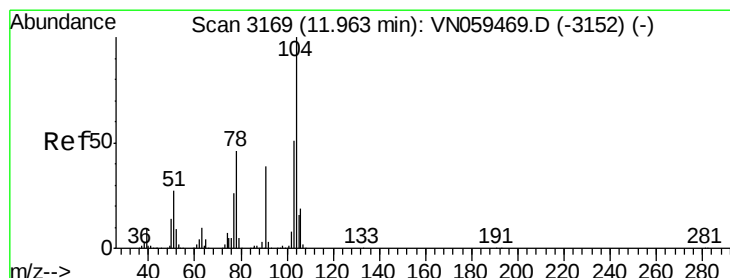
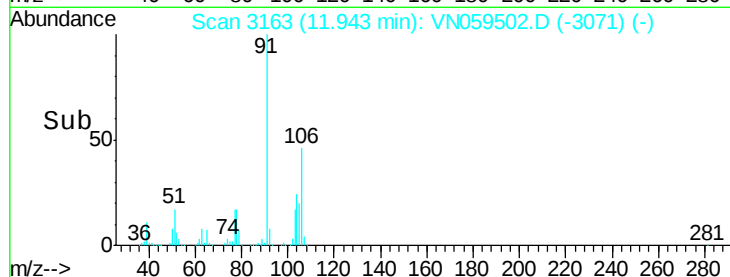
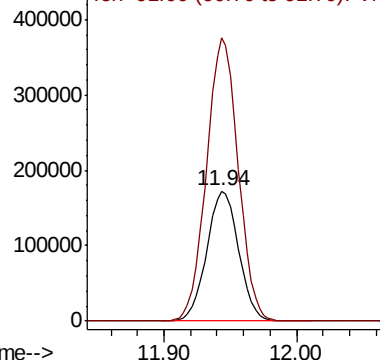
apatel

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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: 43.485 ug/l

RT: 11.96 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

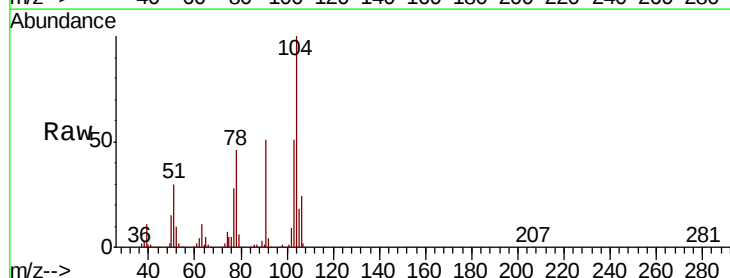
Tgt Ion:104 Resp: 466631

Ion Ratio Lower Upper

104 100

78 51.4 41.0 61.4

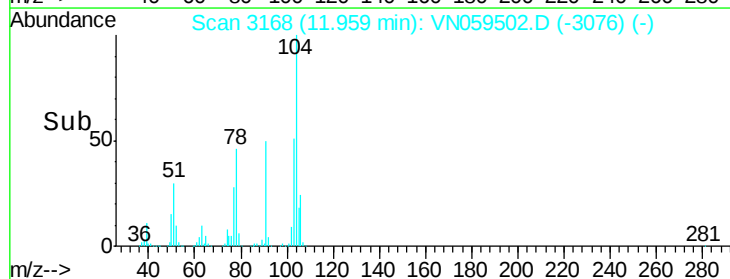
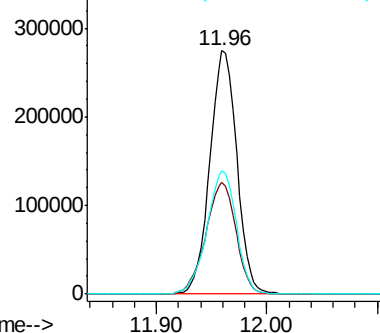
103 55.2 44.7 67.1

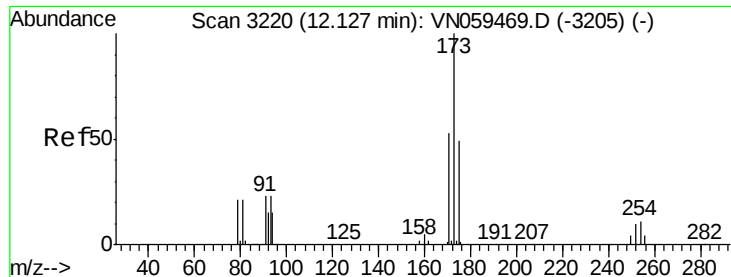


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





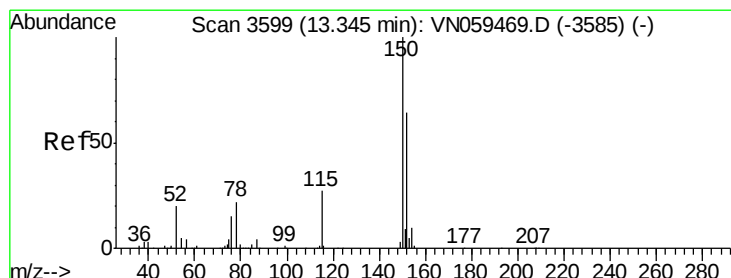
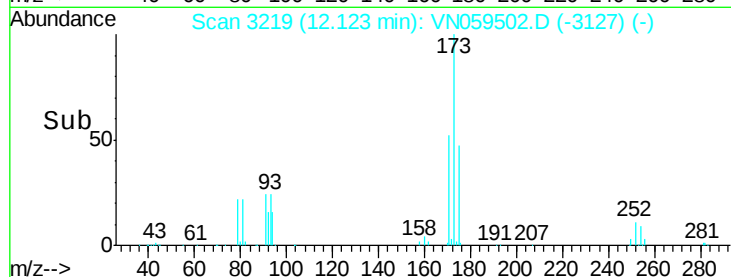
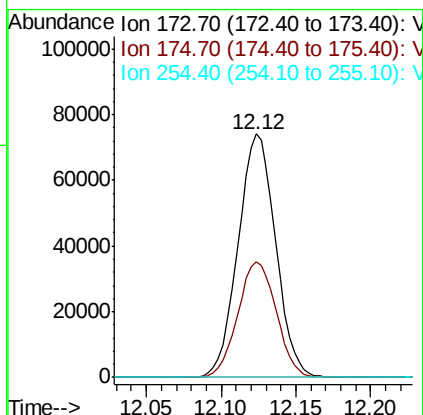
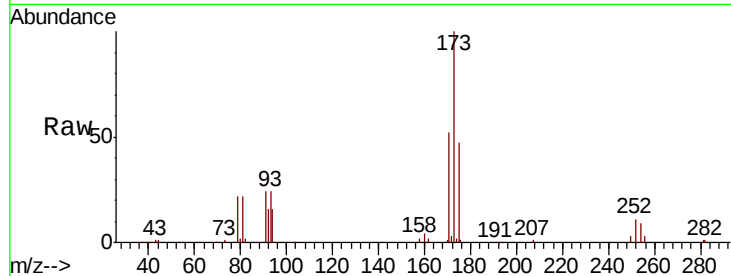
#71
Bromoform
Concen: 42.703 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	73.0
254	0.0	0.0	0.0

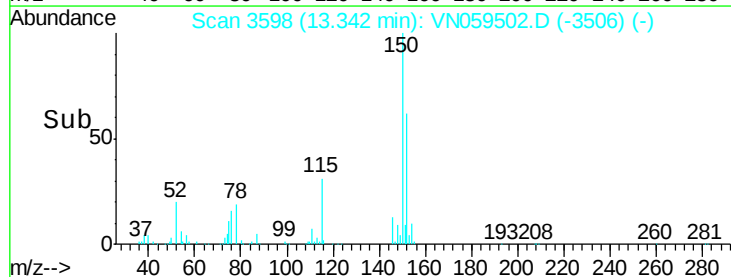
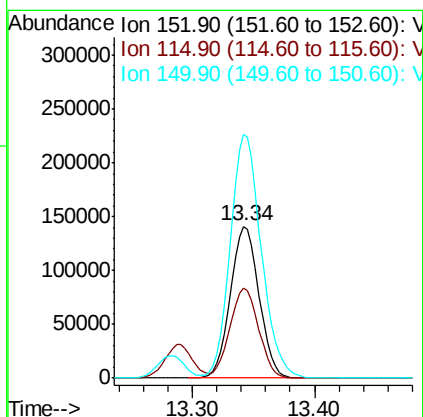
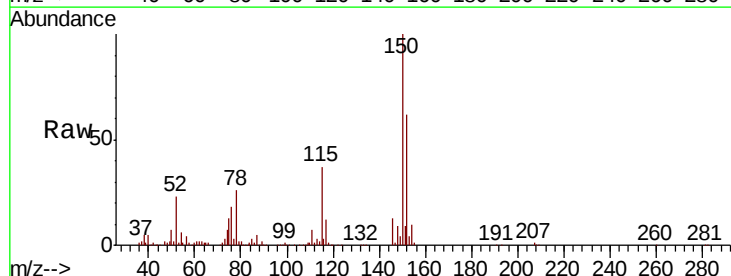
Manual Integrations
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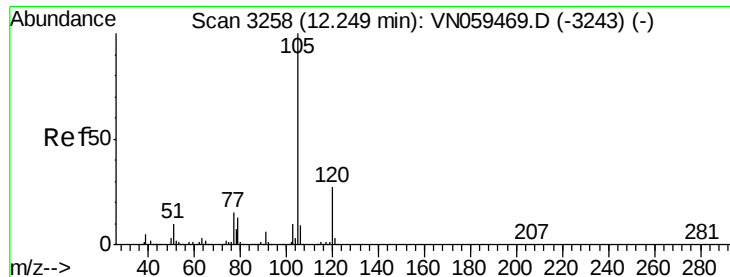
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.2	87.6
150	173.1	0.0	352.8





#73

Isopropylbenzene

Concen: 41.442 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 769051

Ion Ratio Lower Upper

105 100

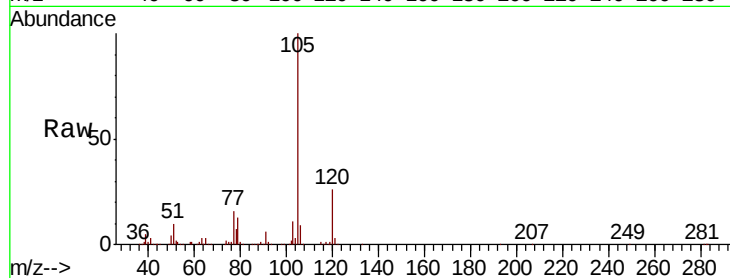
120 26.6 13.2 39.6

Manual Integrations

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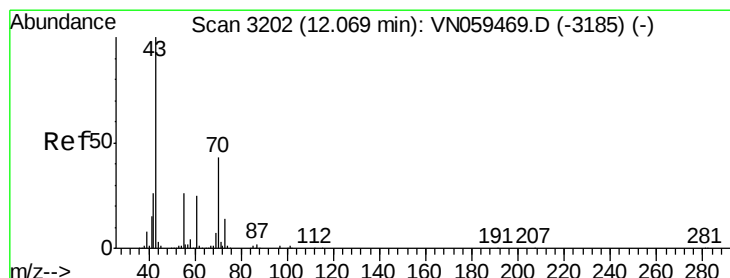
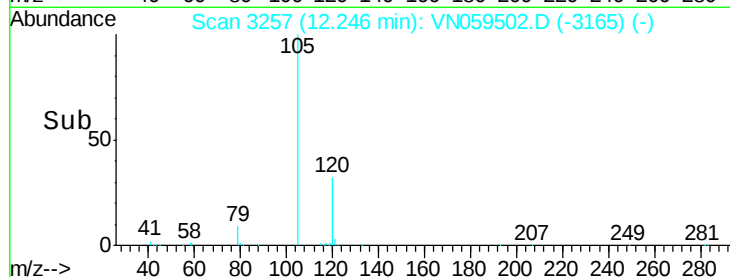
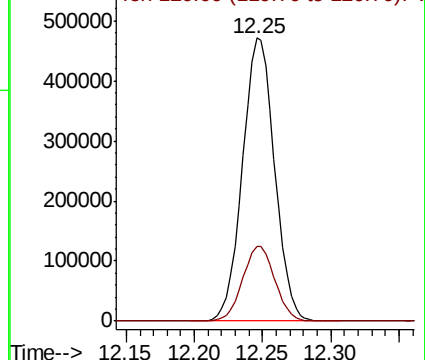
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.387 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Tgt Ion: 43 Resp: 316831

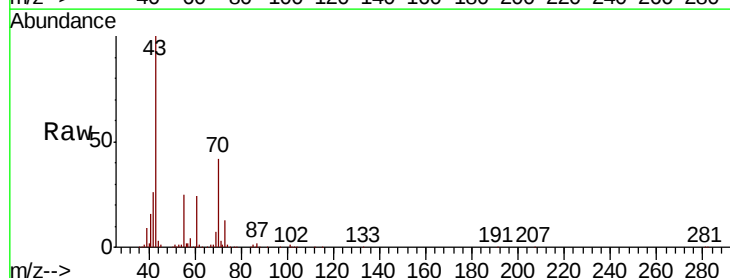
Ion Ratio Lower Upper

43 100

70 41.7 34.2 51.2

55 25.7 20.6 31.0

61 23.8 19.3 28.9

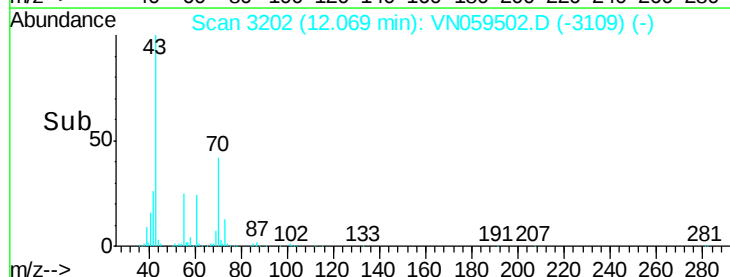
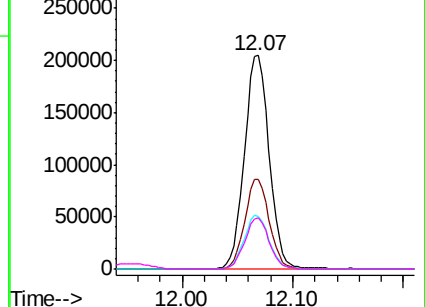


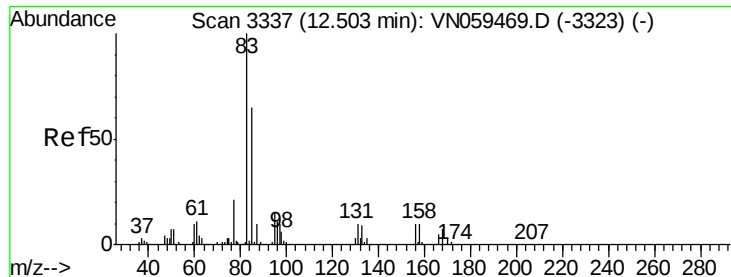
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 41.705 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

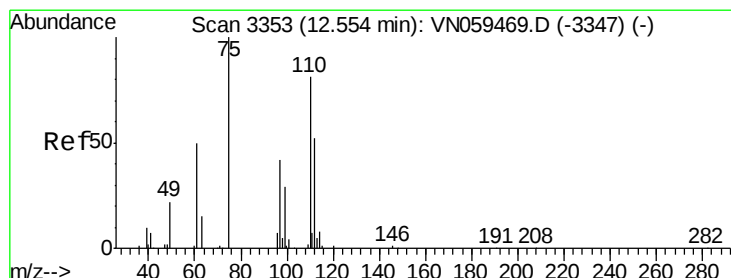
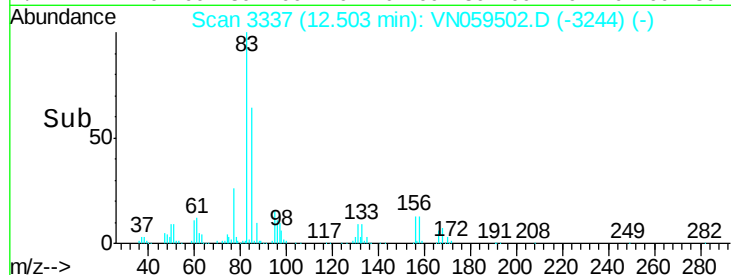
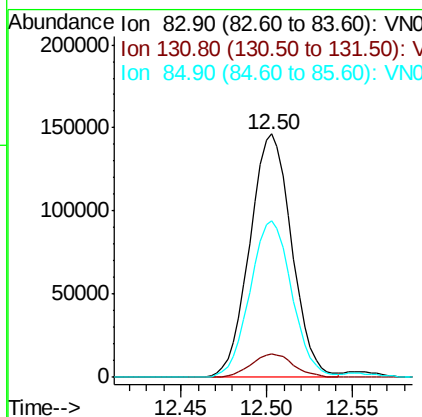
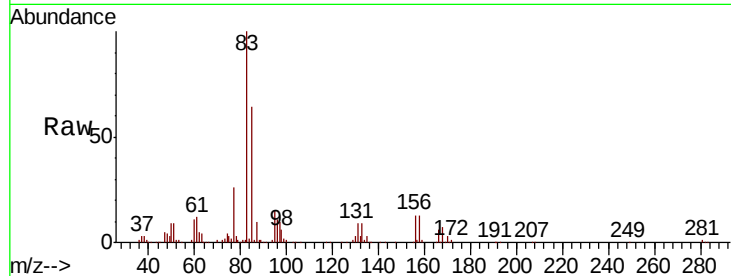
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	248254
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	64.0	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 39.877 ug/l m

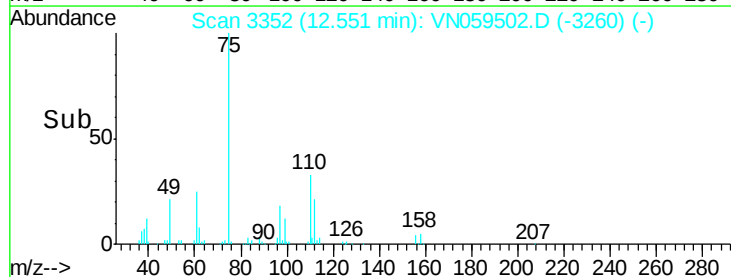
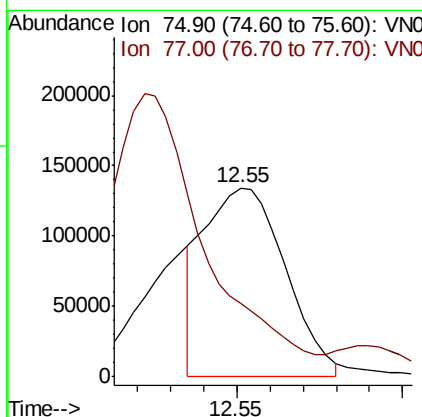
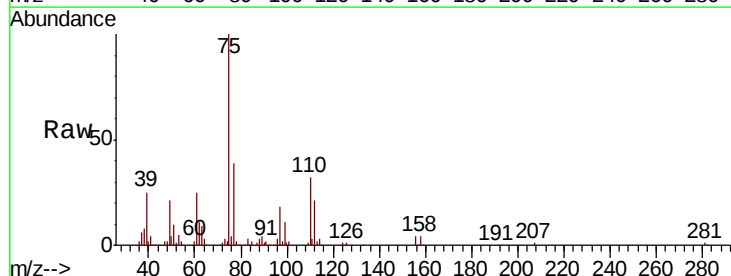
RT: 12.55 min Scan# 3352

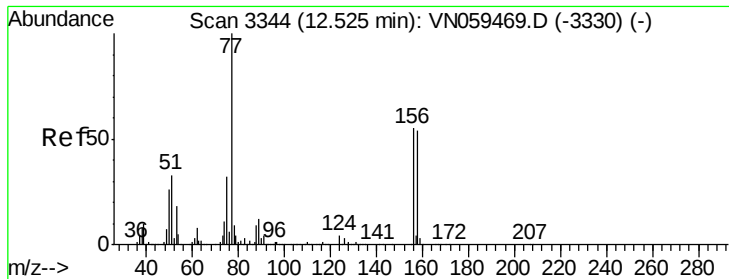
Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Tgt Ion:	75	Resp:	229434
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 39.706 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

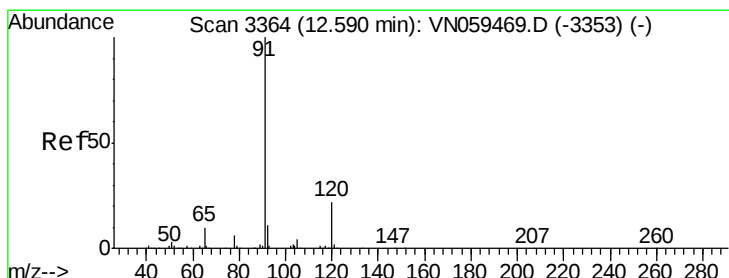
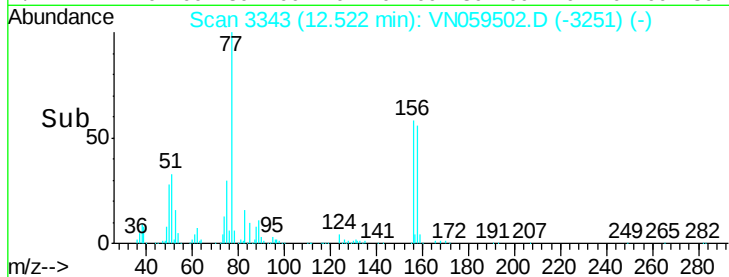
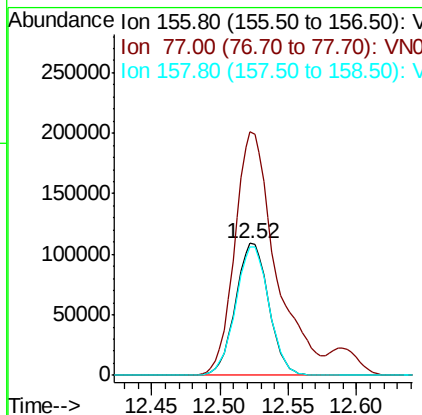
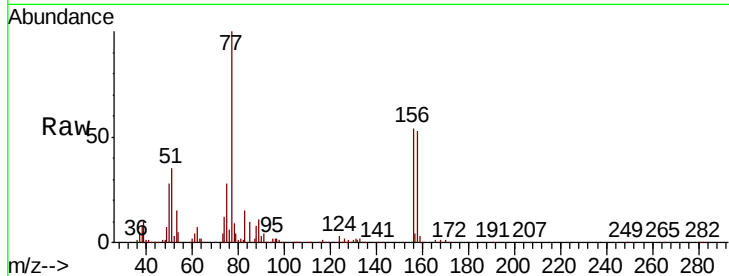
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	226.5	110.3	331.0
158	98.2	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 42.745 ug/l

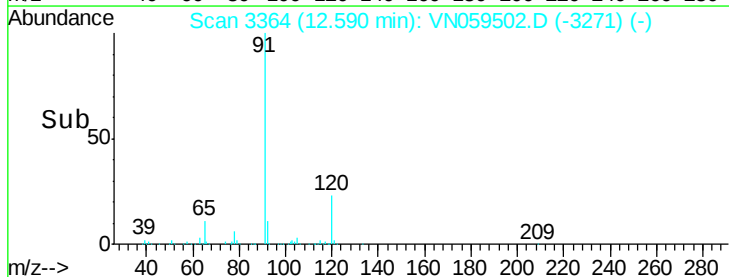
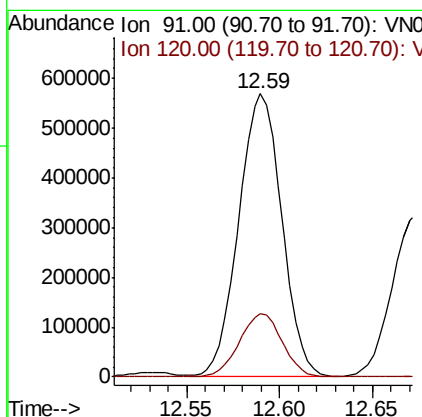
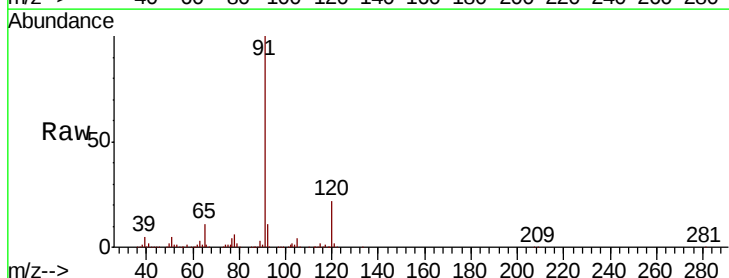
RT: 12.59 min Scan# 3364

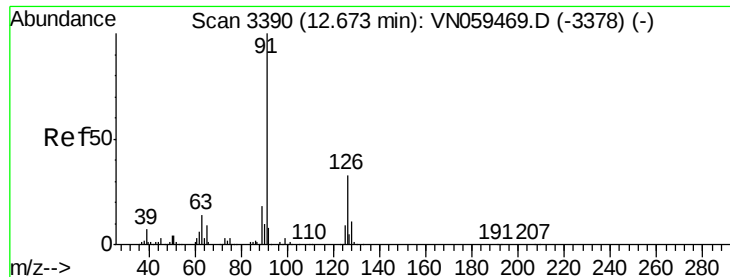
Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.3	33.9





#79

2-Chlorotoluene

Concen: 41.293 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 537563

Ion Ratio Lower Upper

91 100

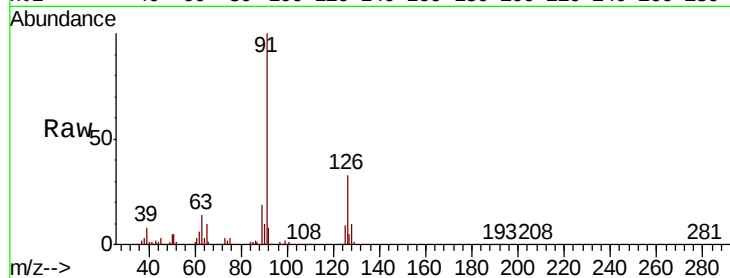
126 33.2 16.6 49.8

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

500000

400000

300000

200000

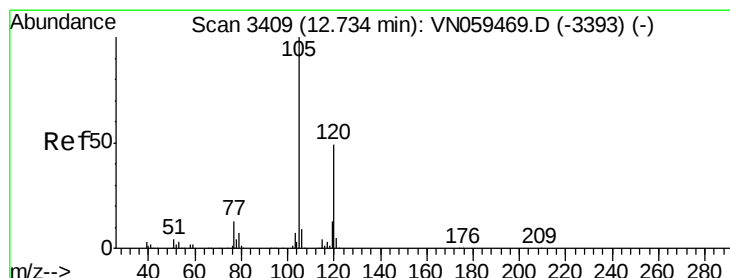
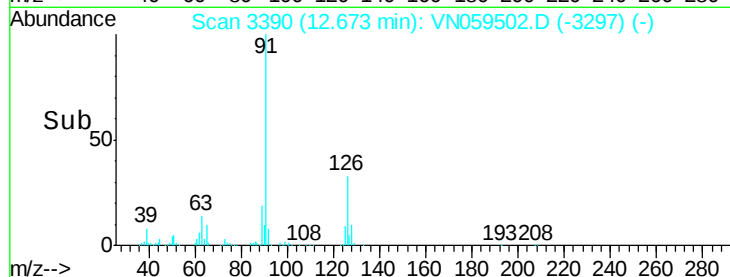
100000

0

12.60 12.65 12.70

12.67

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 41.977 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059502.D

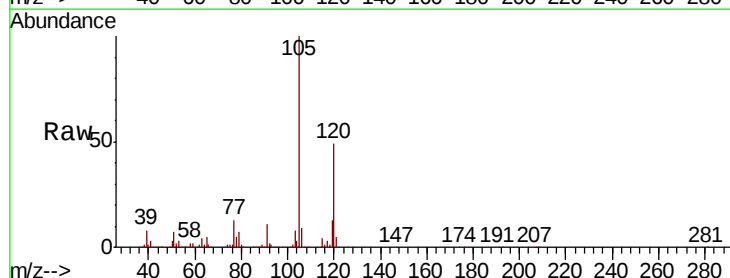
Acq: 5 Dec 2019 16:42

Tgt Ion: 105 Resp: 650982

Ion Ratio Lower Upper

105 100

120 48.8 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) (-)

400000

300000

200000

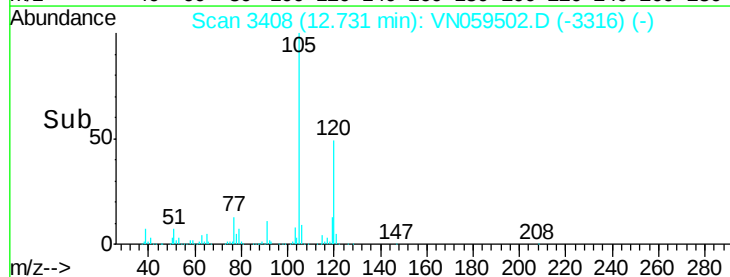
100000

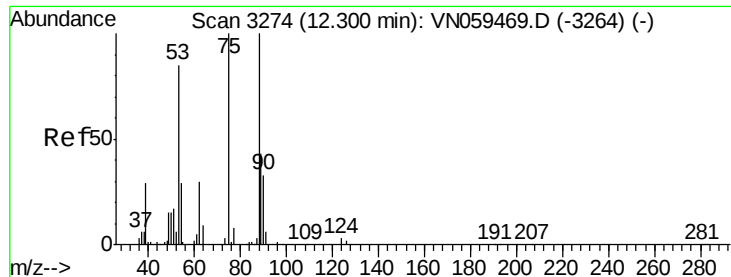
0

12.70 12.80

12.73

Time-->





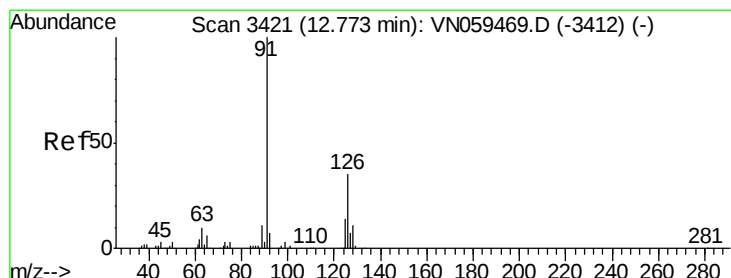
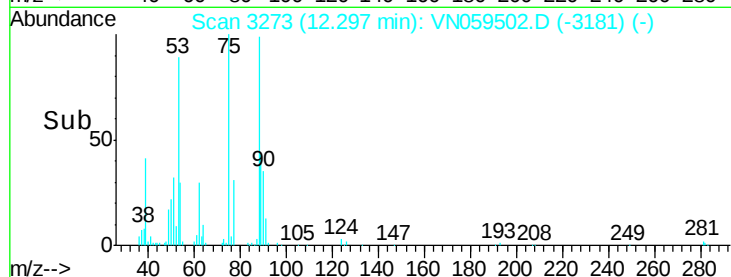
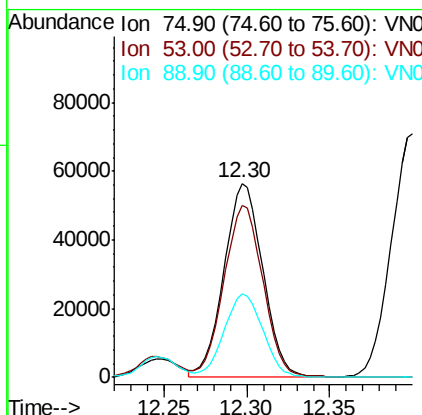
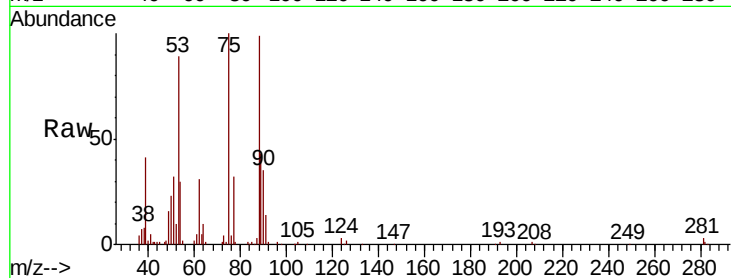
#81
trans-1,4-Dichloro-2-butene
Concen: 41.408 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.3	69.8	104.6
89	43.4	35.2	52.8

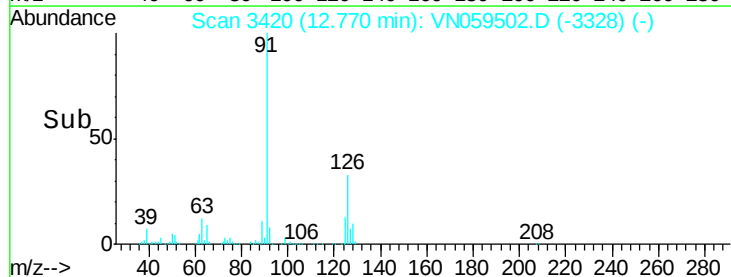
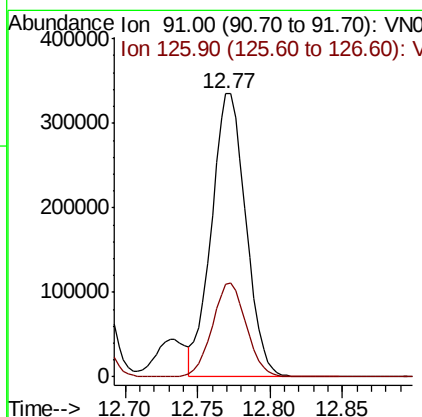
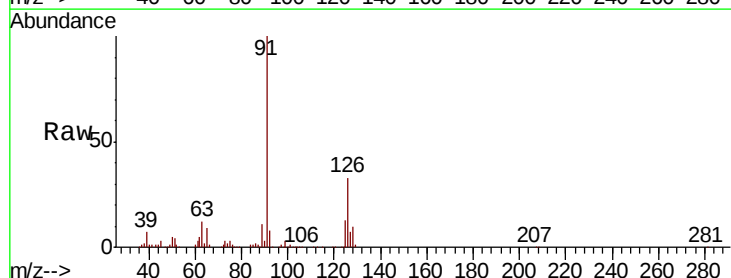
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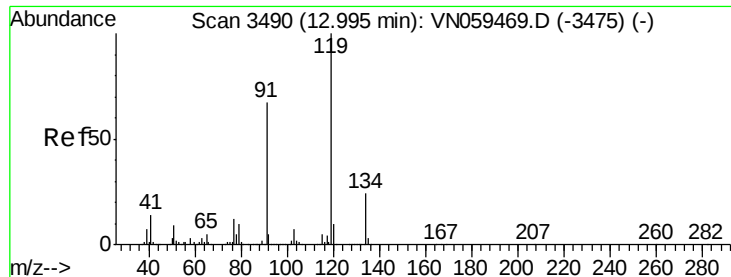
apatel
12/6/2019 2:54:54 PM



#82
4-Chlorotoluene
Concen: 41.131 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.2





#83

tert-Butylbenzene

Concen: 40.817 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

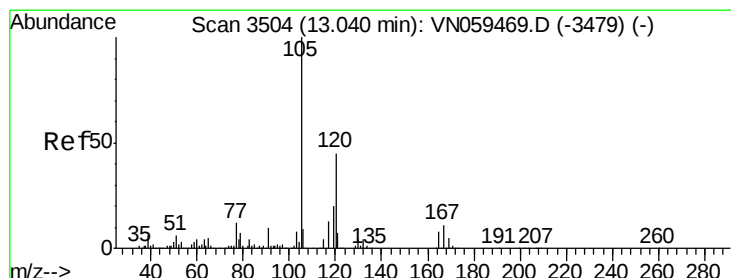
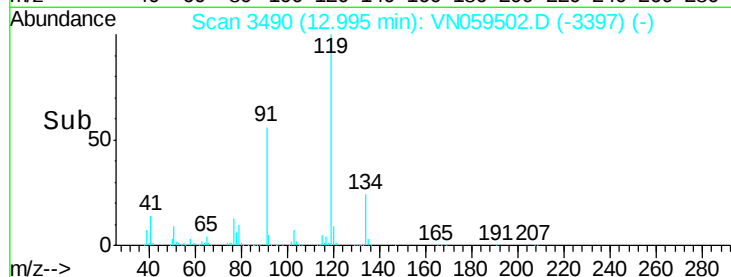
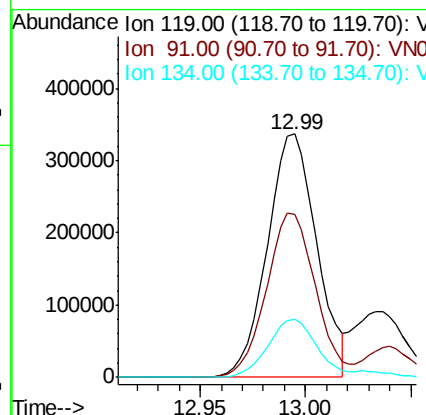
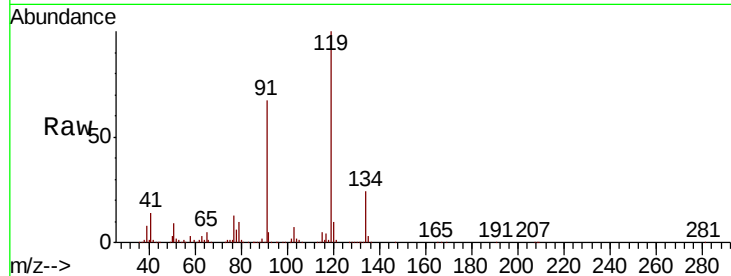
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	549553
Ion Ratio	Lower	Upper	
119	100		
91	66.6	32.6	97.7
134	25.6	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 42.506 ug/l

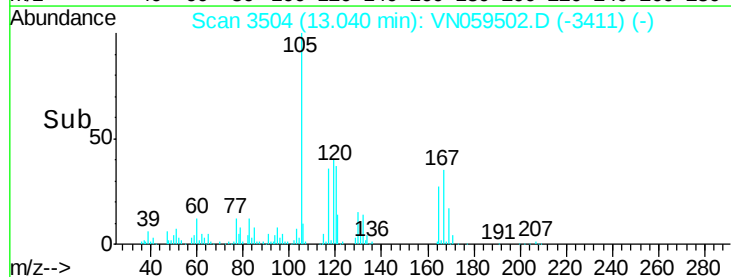
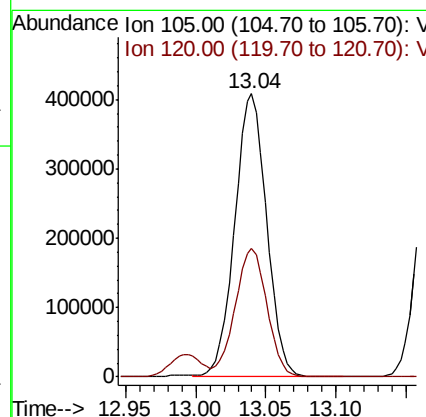
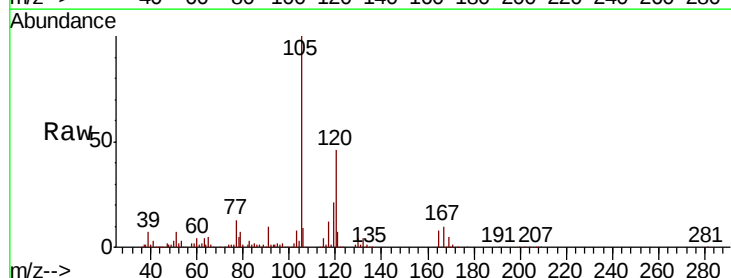
RT: 13.04 min Scan# 3504

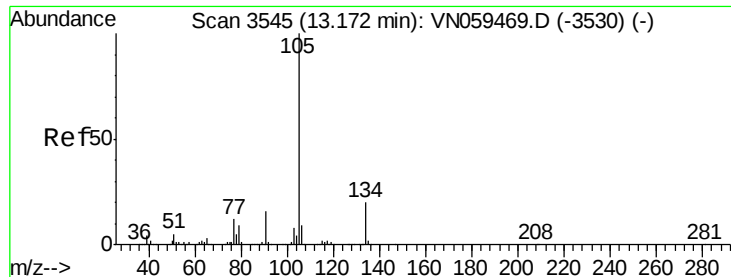
Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Tgt Ion:	105	Resp:	644214
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.6	67.8





#85

sec-Butylbenzene

Concen: 42.256 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

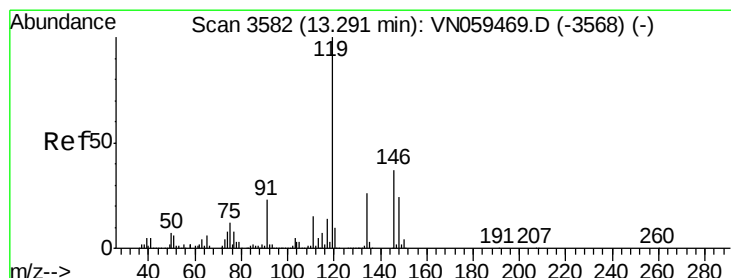
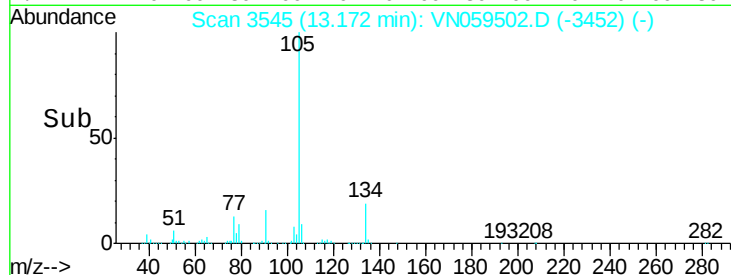
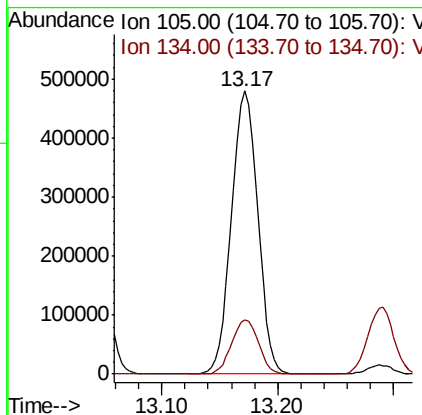
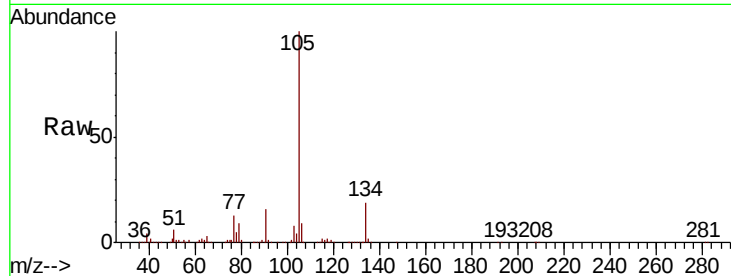
ClientSampled :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

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#86

p-Isopropyltoluene

Concen: 42.738 ug/l

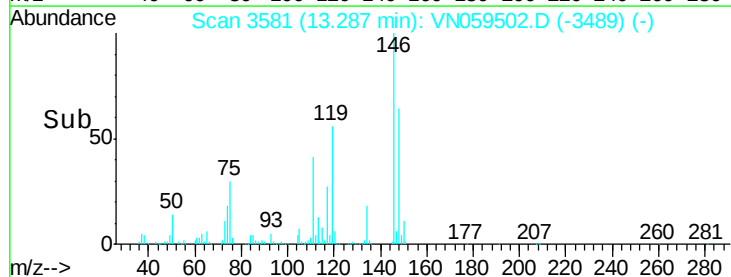
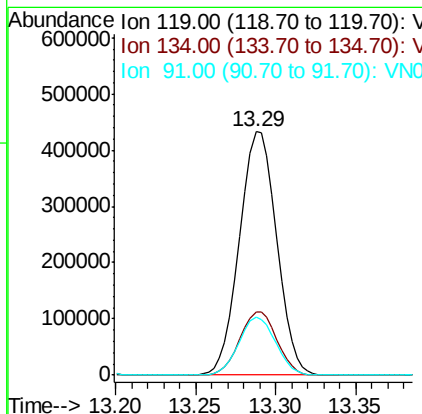
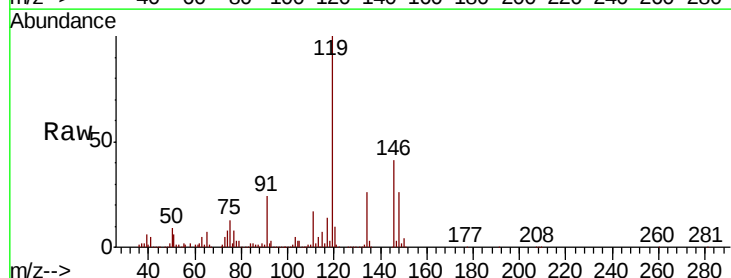
RT: 13.29 min Scan# 3581

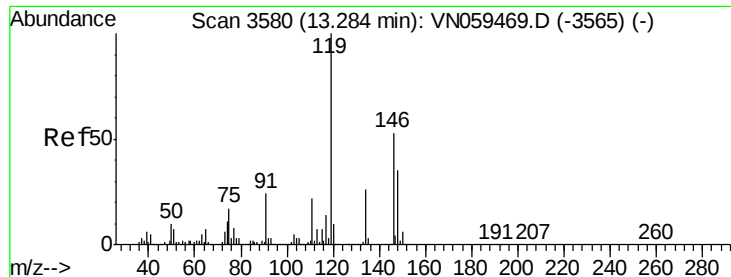
Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	23.4	11.7	35.1





#87

1,3-Dichlorobenzene

Concen: 40.564 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

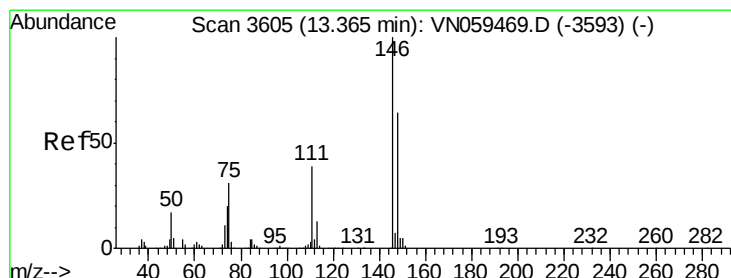
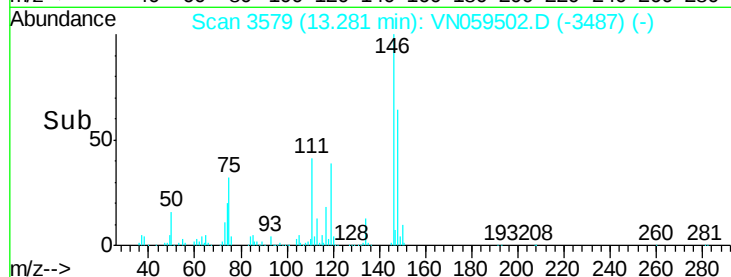
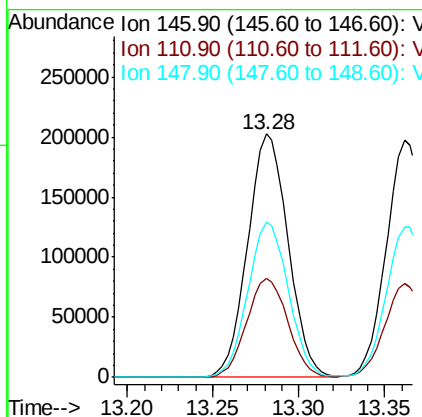
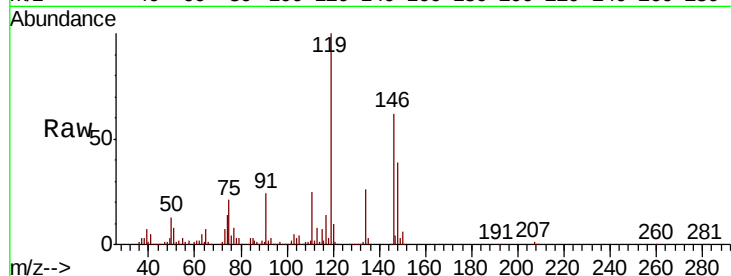
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	331660
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.4	61.3
148	63.8	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 39.234 ug/l

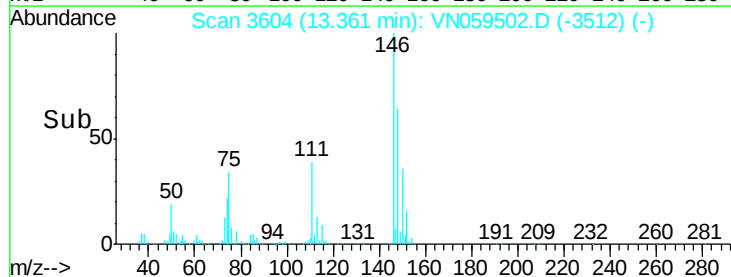
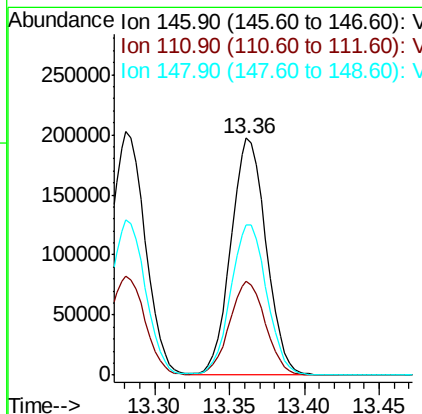
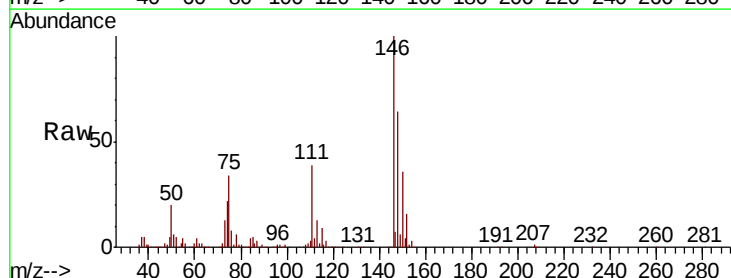
RT: 13.36 min Scan# 3604

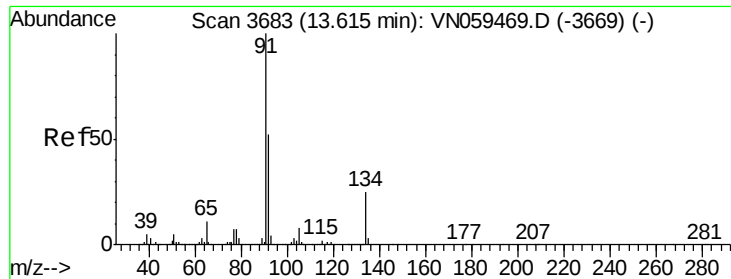
Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Tgt Ion:	146	Resp:	323522
Ion Ratio	Lower	Upper	
146	100		
111	40.5	19.8	59.3
148	64.7	32.0	96.0





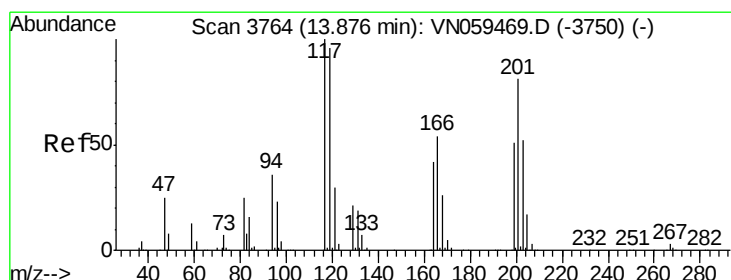
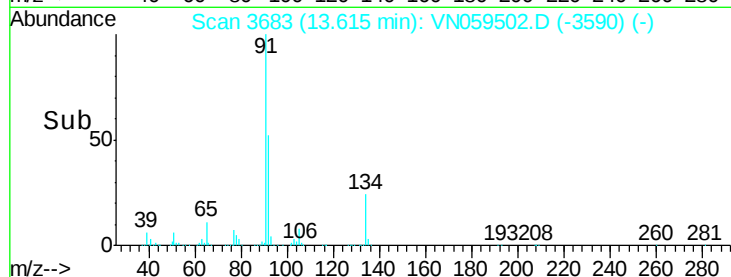
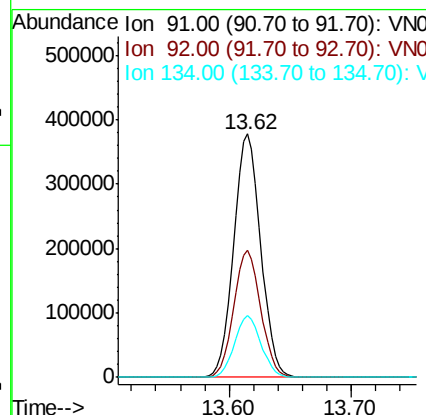
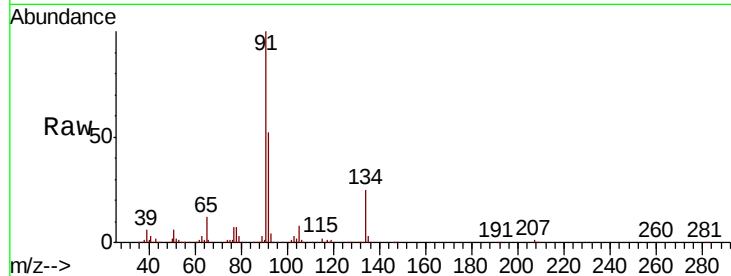
#89
n-Butylbenzene
Concen: 40.757 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	25.9	77.8
134	24.9	12.6	37.6

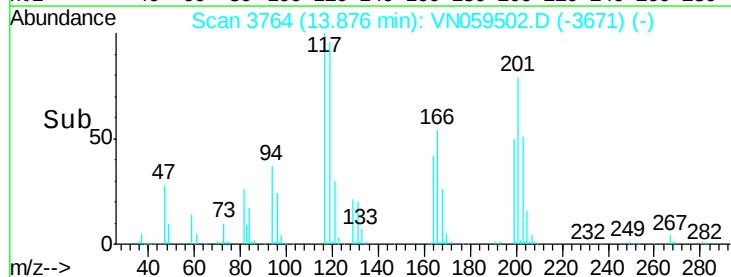
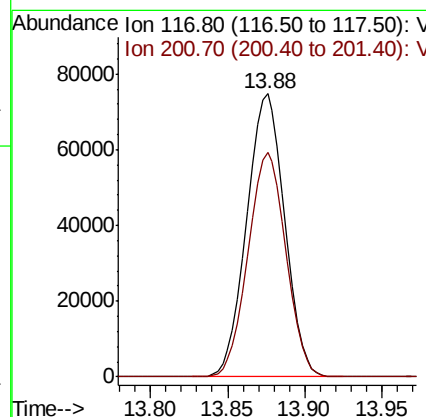
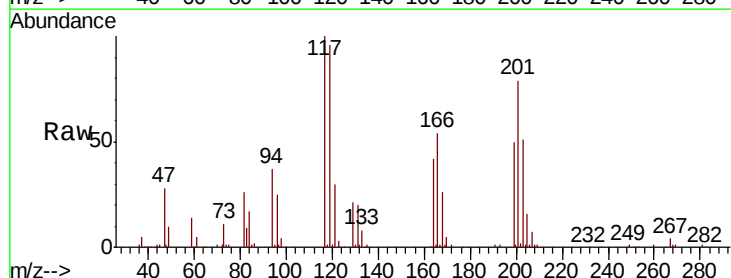
Manual Integrations
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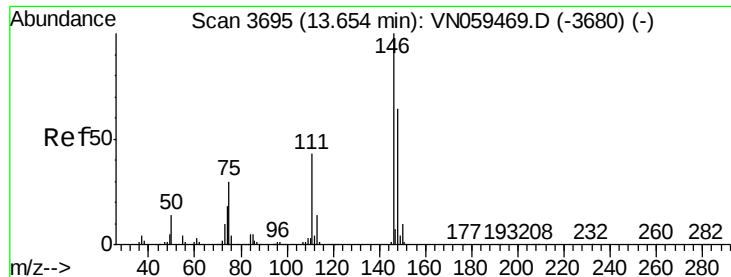
apatel
12/6/2019 2:54:54 PM



#90
Hexachloroethane
Concen: 41.395 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.1	40.6	122.0





#91

1,2-Dichlorobenzene

Concen: 40.525 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Instrument :

MSVOA_N

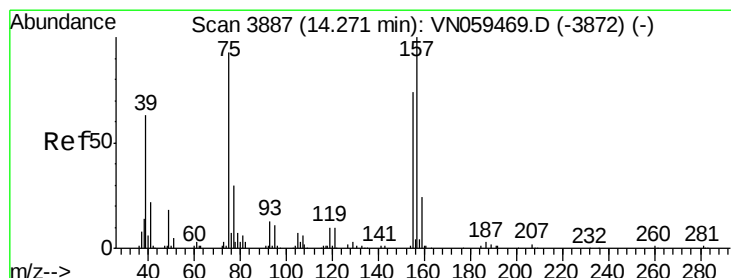
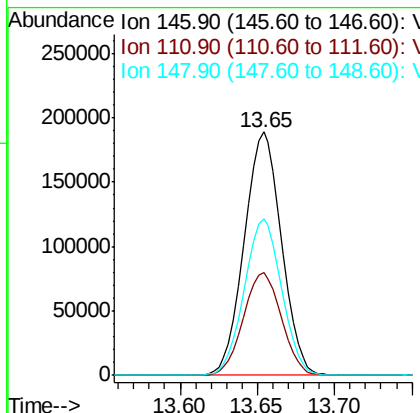
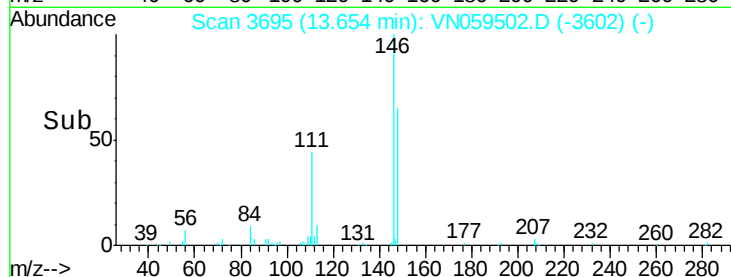
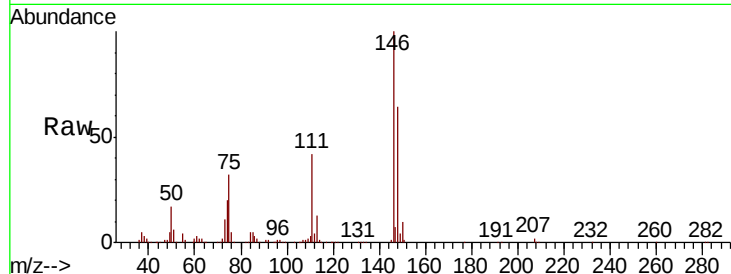
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	317640
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.3	63.7
148	64.6	32.2	96.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 39.428 ug/l

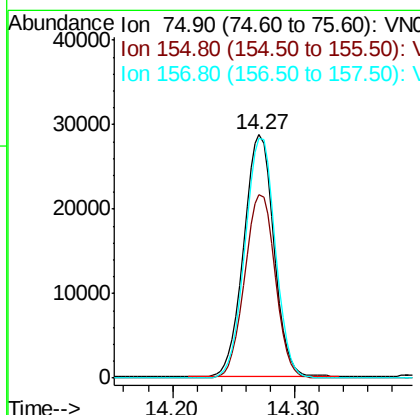
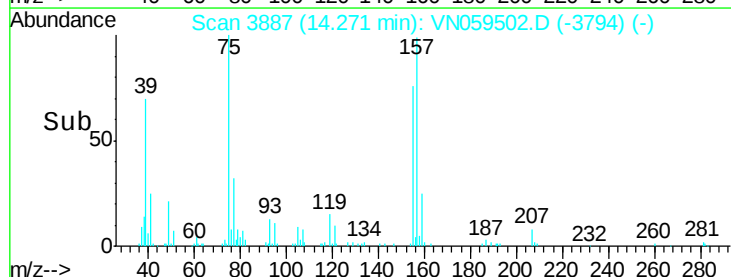
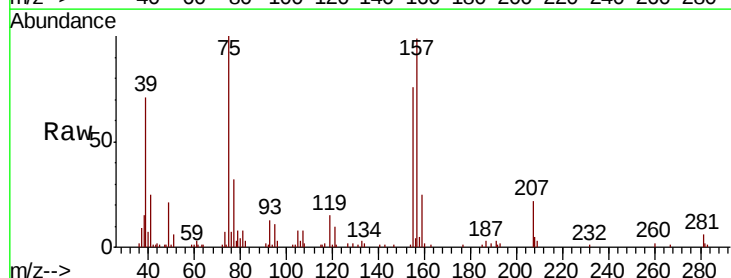
RT: 14.27 min Scan# 3887

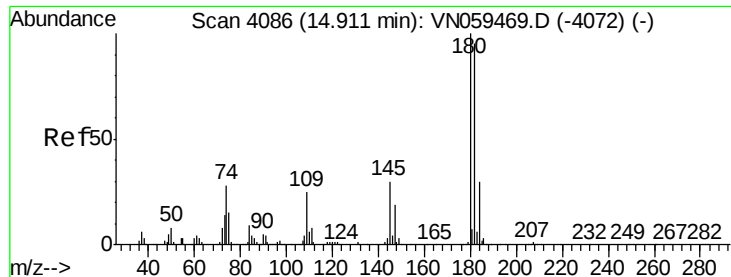
Delta R.T. 0.00 min

Lab File: VN059502.D

Acq: 5 Dec 2019 16:42

Tgt Ion:	75	Resp:	48435
Ion Ratio	Lower	Upper	
75	100		
155	77.0	40.6	122.0
157	99.6	52.9	158.7





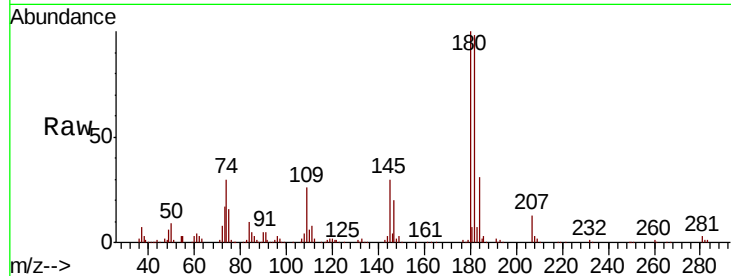
#93
 1,2,4-Trichlorobenzene
 Concen: 37.464 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059502.D
 Acq: 5 Dec 2019 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

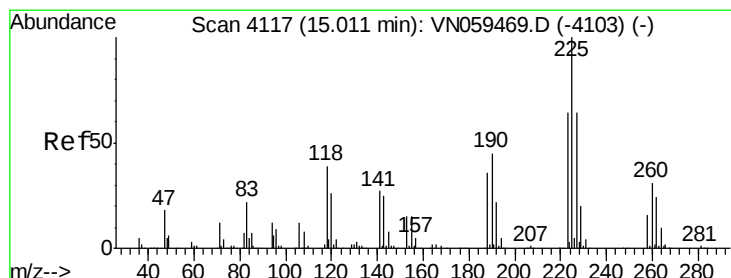
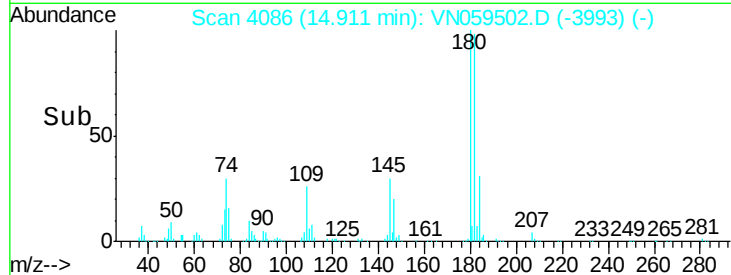
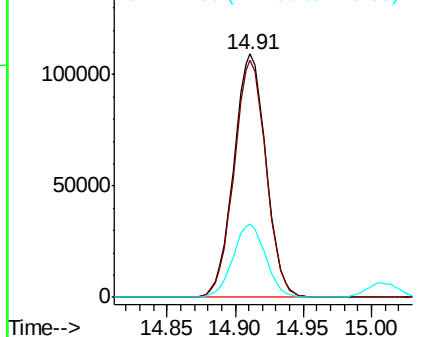
Tot Ion:	180	Resp:	179266
Ion Ratio	Lower	Upper	
180	100		
182	96.5	48.0	144.2
145	30.3	15.2	45.6

Manual Integrations
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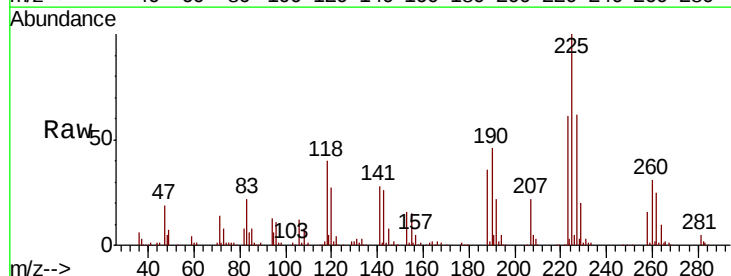


Abundance Ion 179.80 (179.50 to 180.50): V
 150000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

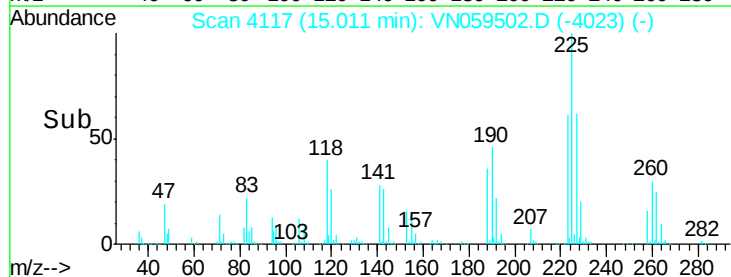
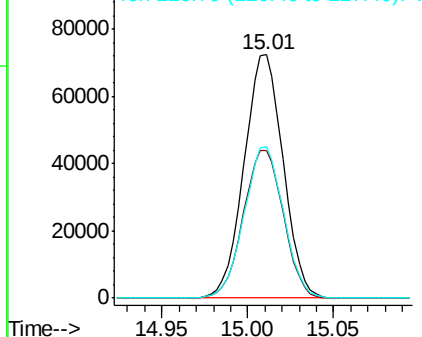


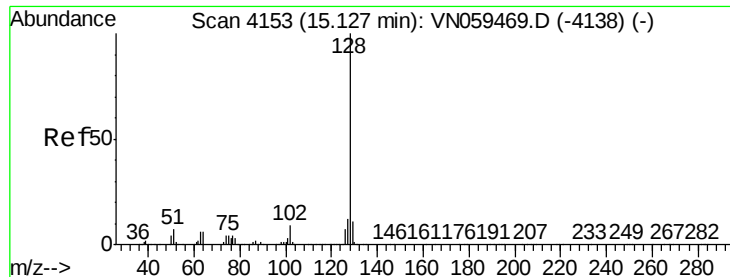
#94
 Hexachlorobutadiene
 Concen: 42.009 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059502.D
 Acq: 5 Dec 2019 16:42

Tgt Ion:	225	Resp:	114307
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.9	95.5
227	62.6	32.0	96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 100000 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





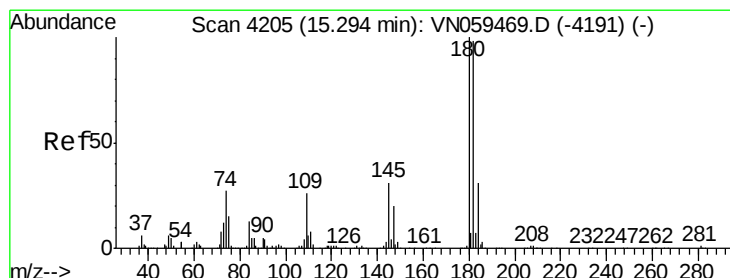
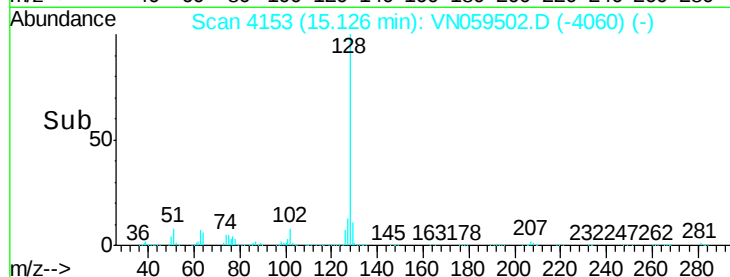
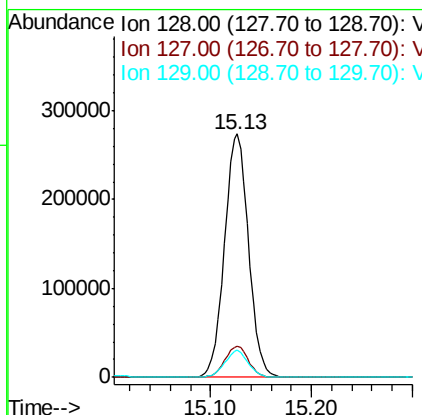
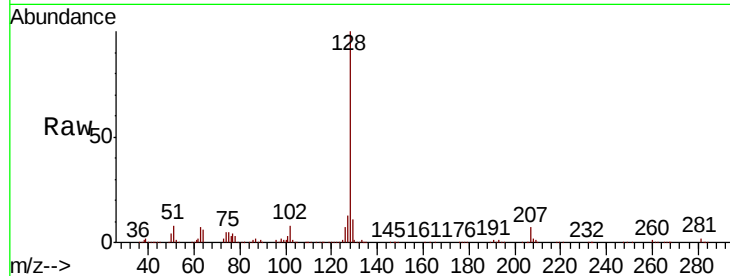
#95
Naphthalene
Concen: 35.304 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 37.560 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059502.D
Acq: 5 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.5	145.5
145	32.2	16.1	48.2

