

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059434.D
 Acq On : 27 Nov 2019 20:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 12/2/2019 10:09:19 AM

Quant Time: Nov 29 08:27:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	334131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	531010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	230325	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	192778	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
35) Dibromofluoromethane	7.57	113	157515	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	10.08	98	621457	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.40	95	222235	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	212724	54.092	ug/l	100
3) Chloromethane	2.04	50	253717	52.817	ug/l	99
4) Vinyl Chloride	2.17	62	241989	52.422	ug/l	100
5) Bromomethane	2.54	94	137867	49.604	ug/l	100
6) Chloroethane	2.68	64	135297	52.274	ug/l	97
7) Trichlorofluoromethane	3.00	101	285349	51.897	ug/l	97
8) Diethyl Ether	3.39	74	115941	51.812	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	174306	51.473	ug/l	99
10) Methyl Iodide	3.93	142	238242	54.051	ug/l	99
11) Tert butyl alcohol	4.75	59	187214	276.110	ug/l #	84
12) 1,1-Dichloroethene	3.72	96	175353	52.875	ug/l	99
13) Acrolein	3.58	56	171847	259.633	ug/l	99
14) Allyl chloride	4.29	41	315899	51.360	ug/l	98
15) Acrylonitrile	4.95	53	523623	277.141	ug/l	99
16) Acetone	3.79	43	432812	232.117	ug/l	99
17) Carbon Disulfide	4.03	76	550457	48.368	ug/l	100
18) Methyl Acetate	4.30	43	262192	51.635	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	569369	53.278	ug/l	99
20) Methylene Chloride	4.53	84	195721	51.658	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	185185	51.252	ug/l	98
22) Diisopropyl ether	5.92	45	609749	53.346	ug/l	98
23) Vinyl Acetate	5.87	43	2612915	283.358	ug/l	99
24) 1,1-Dichloroethane	5.82	63	346294	52.657	ug/l	99
25) 2-Butanone	6.81	43	683618	266.502	ug/l	100
26) 2,2-Dichloropropane	6.80	77	283126	50.589	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	209212	52.942	ug/l	99
28) Bromochloromethane	7.18	49	133291	47.438	ug/l	97
29) Tetrahydrofuran	7.19	42	473290	277.422	ug/l	99
30) Chloroform	7.35	83	326360	49.316	ug/l	99
31) Cyclohexane	7.63	56	331565	50.293	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	285666	52.785	ug/l	100
36) 1,1-Dichloropropene	7.77	75	261983	51.305	ug/l	100
37) Ethyl Acetate	6.91	43	283191	52.417	ug/l	100
38) Carbon Tetrachloride	7.75	117	254124	52.732	ug/l	99

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

39) Methylcyclohexane	9.07	83	319879	52.361	ug/l	100
40) Benzene	8.02	78	778077	51.318	ug/l	99
41) Methacrylonitrile	7.15	41	109622	43.575	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	252063	52.429	ug/l	100
43) Isopropyl Acetate	8.15	43	444487	54.156	ug/l	99
44) Trichloroethene	8.82	130	197664	51.129	ug/l	100
45) 1,2-Dichloropropane	9.11	63	205968	51.935	ug/l	98
46) Dibromomethane	9.20	93	127863	52.245	ug/l	99
47) Bromodichloromethane	9.39	83	256190	51.756	ug/l	98
48) Methyl methacrylate	9.19	41	197718	54.298	ug/l	99
49) 1,4-Dioxane	9.19	88	63981	1203.064	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1355571	284.742	ug/l	100
52) Toluene	10.15	92	470238	51.914	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	298147	52.419	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	324761	52.893	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	184956	52.168	ug/l	98
56) Ethyl methacrylate	10.42	69	291409	57.484	ug/l	99
57) 1,3-Dichloropropane	10.70	76	320678	52.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	561235	369.452	ug/l	100
59) 2-Hexanone	10.75	43	1000150	283.316	ug/l	100
60) Dibromochloromethane	10.90	129	202484	54.713	ug/l	98
61) 1,2-Dibromoethane	11.00	107	193092	53.148	ug/l	99
64) Tetrachloroethene	10.63	164	175178	49.786	ug/l	98
65) Chlorobenzene	11.43	112	490482	50.930	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	184613	52.861	ug/l	99
67) Ethyl Benzene	11.51	91	896921	53.023	ug/l	100
68) m/p-Xylenes	11.62	106	671630	106.344	ug/l	100
69) o-Xylene	11.95	106	319184	52.697	ug/l	98
70) Styrene	11.96	104	528046	57.294	ug/l	99
71) Bromoform	12.13	173	144645	54.393	ug/l #	98
73) Isopropylbenzene	12.25	105	862229	50.533	ug/l	99
74) N-amyl acetate	12.07	43	357923	58.315	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	279991	50.319	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	259160m	49.737	ug/l	
77) Bromobenzene	12.53	156	207924	49.773	ug/l	98
78) n-propylbenzene	12.59	91	1008144	51.272	ug/l	100
79) 2-Chlorotoluene	12.68	91	594109	50.539	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	737432	51.415	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	103507	51.042	ug/l	98
82) 4-Chlorotoluene	12.78	91	609212	50.369	ug/l	100
83) tert-Butylbenzene	13.00	119	636546	51.686	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	732457	52.131	ug/l	99
85) sec-Butylbenzene	13.17	105	842502	51.514	ug/l	100
86) p-Isopropyltoluene	13.29	119	766027	51.810	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	373296	50.422	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	367756	49.479	ug/l	99
89) n-Butylbenzene	13.62	91	657668	50.884	ug/l	99
90) Hexachloroethane	13.88	117	139699	49.434	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	363431	50.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58035	59.608	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	219415	48.658	ug/l	99
94) Hexachlorobutadiene	15.01	225	129398	46.824	ug/l	100
95) Naphthalene	15.13	128	596455	57.843	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	220035	56.541	ug/l	100

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

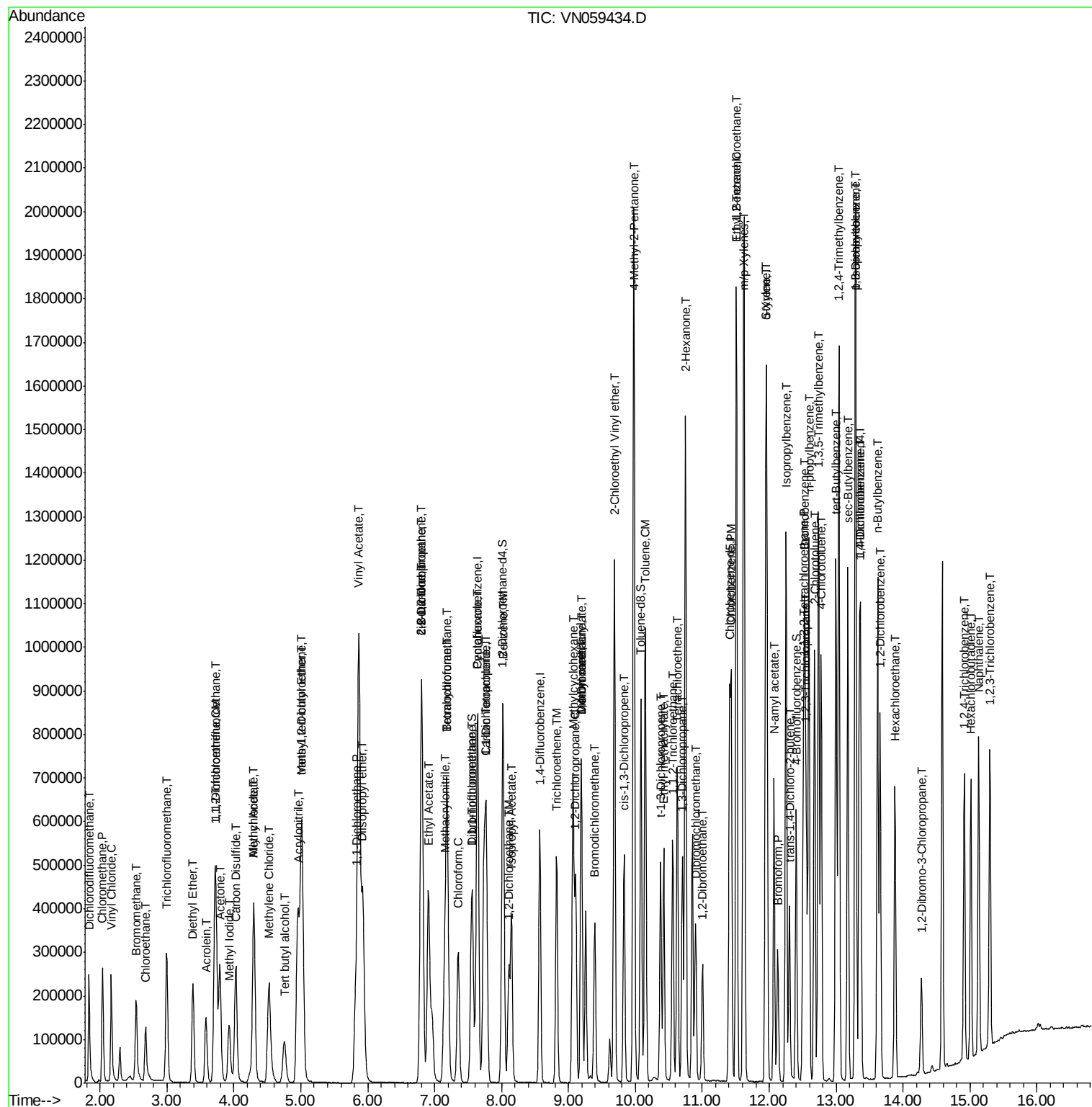
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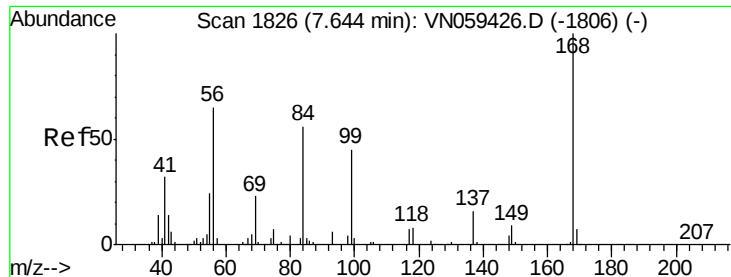
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 334131

Ion Ratio Lower Upper

168 100

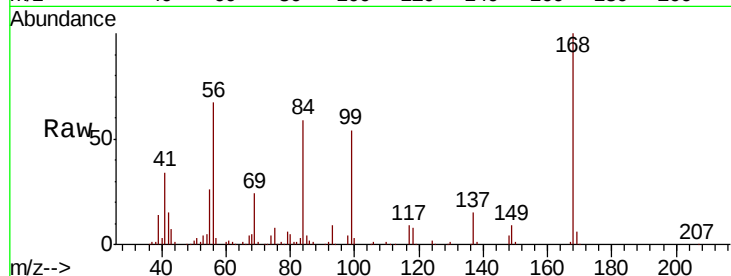
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Manual Integrations

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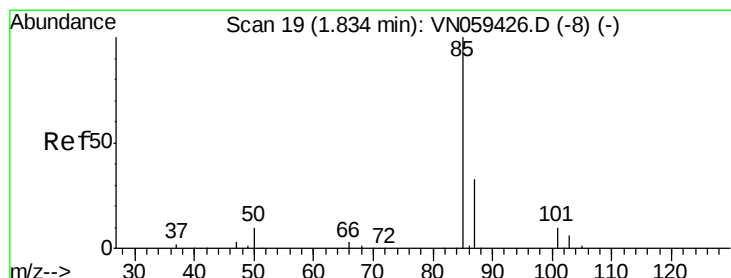
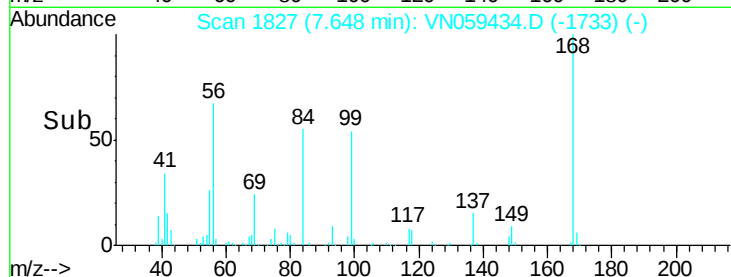
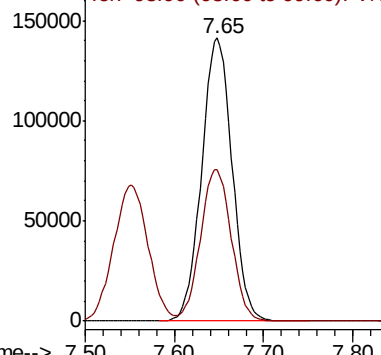
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 54.092 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059434.D

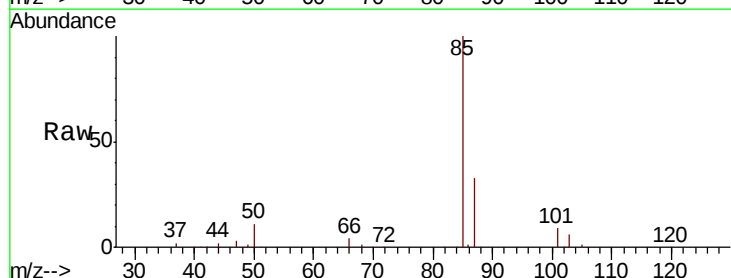
Acq: 27 Nov 2019 20:15

Tgt Ion: 85 Resp: 212724

Ion Ratio Lower Upper

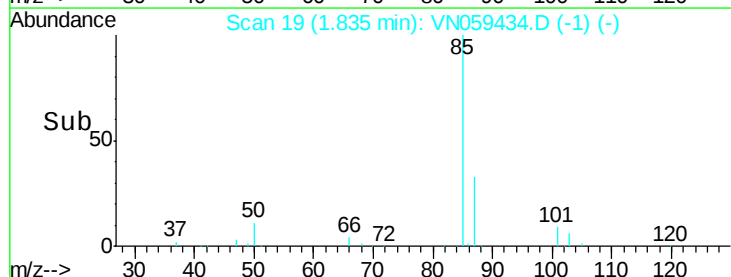
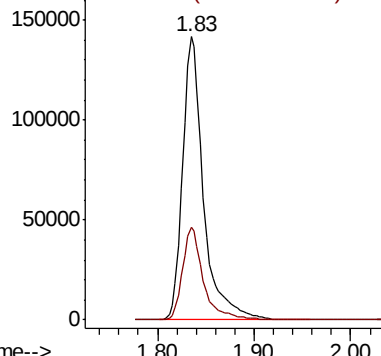
85 100

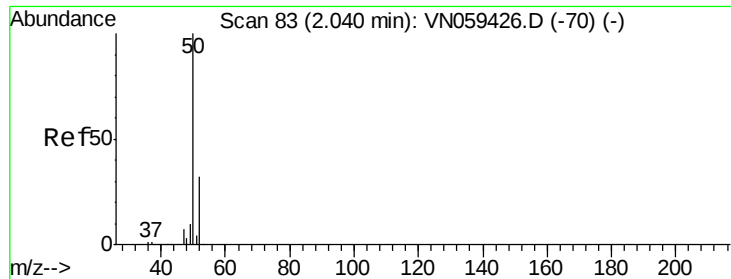
87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 52.817 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 253717

Ion Ratio Lower Upper

50 100

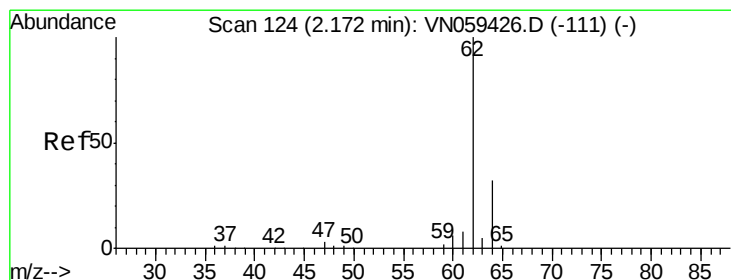
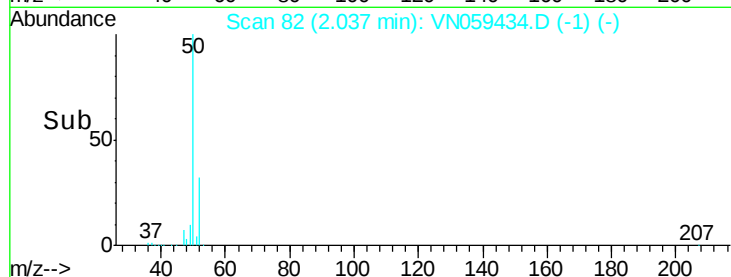
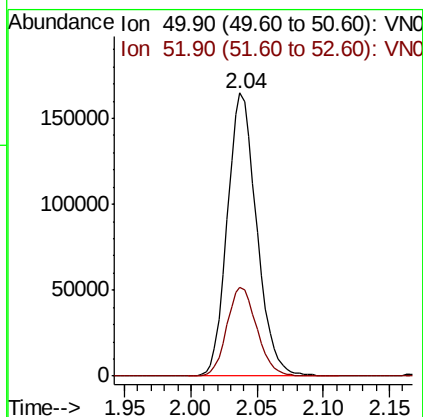
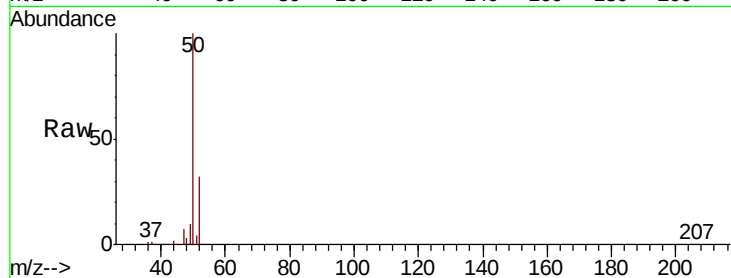
52 31.5 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.422 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059434.D

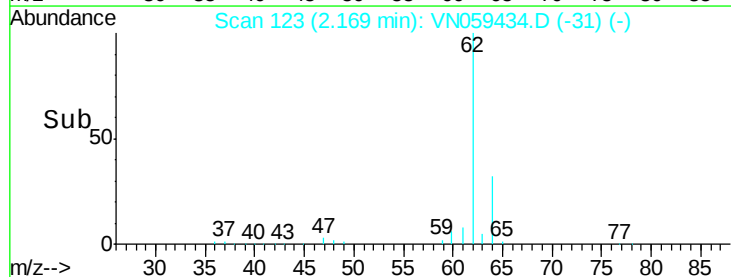
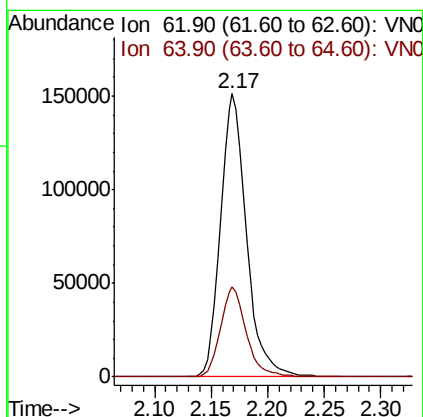
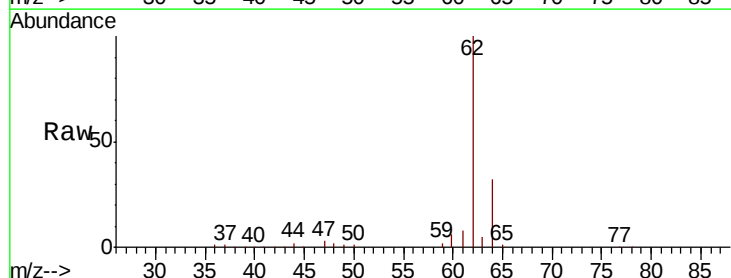
Acq: 27 Nov 2019 20:15

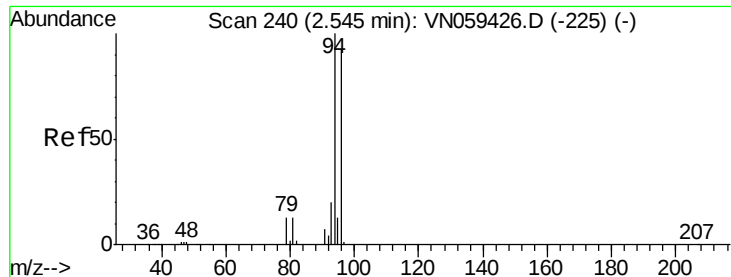
Tgt Ion: 62 Resp: 241989

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 49.604 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

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Tot Ion: 94 Resp: 137867

Ion Ratio Lower Upper

94 100

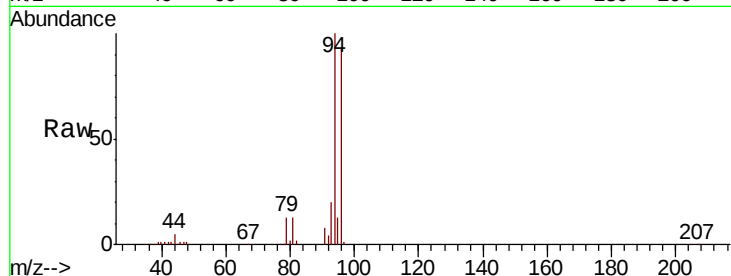
96 92.6 73.8 110.6

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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.54

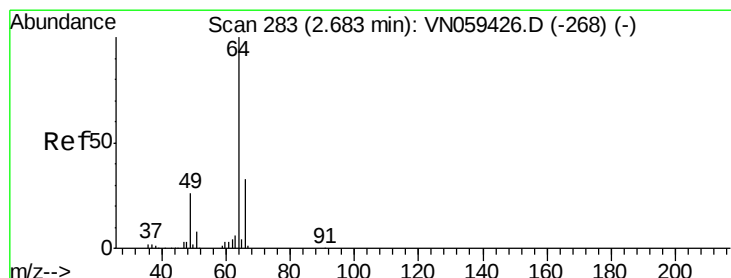
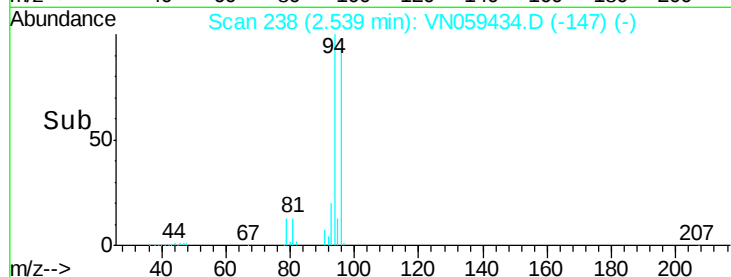
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40000

20000

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Time-->



#6

Chloroethane

Concen: 52.274 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN059434.D

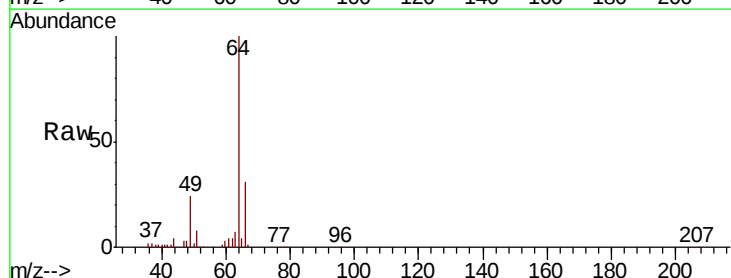
Acq: 27 Nov 2019 20:15

Tgt Ion: 64 Resp: 135297

Ion Ratio Lower Upper

64 100

66 31.4 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.68

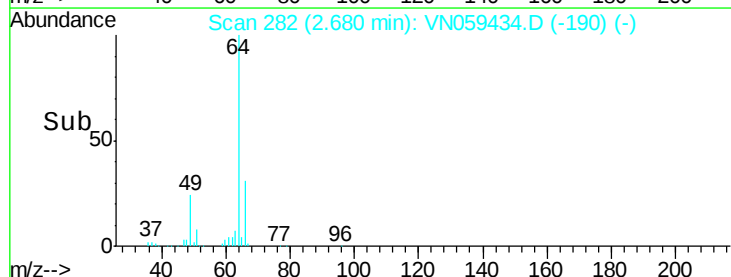
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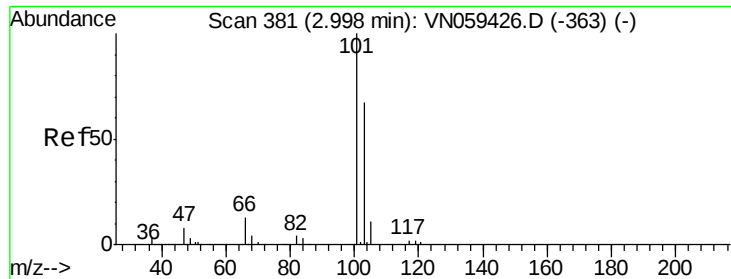
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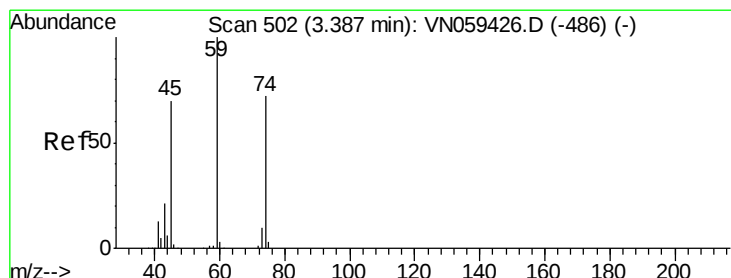
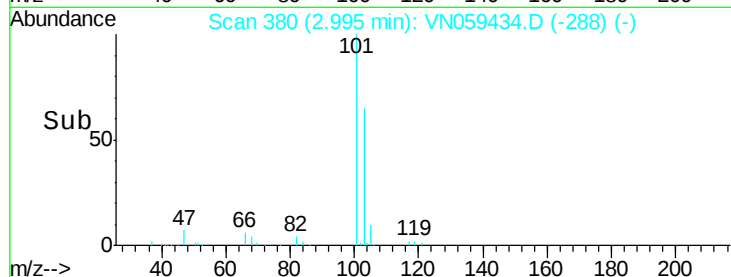
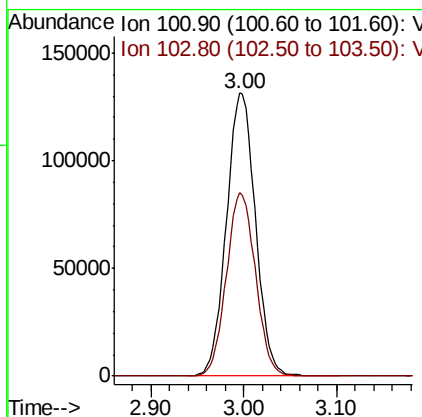
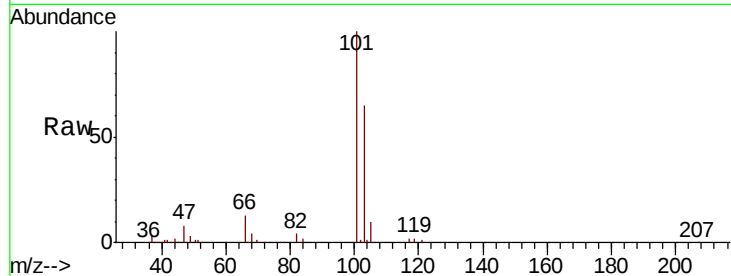
Trichlorofluoromethane
Concen: 51.897 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059434.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	53.6	80.4

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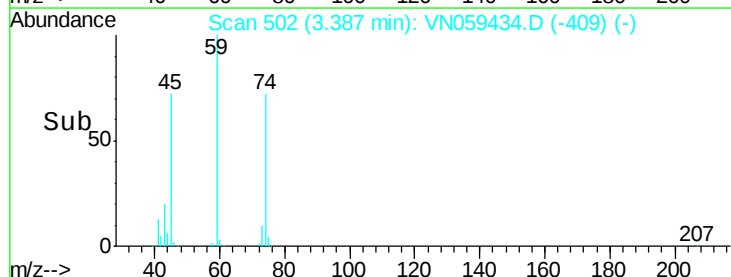
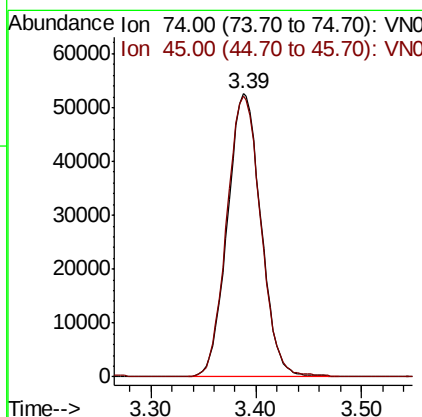
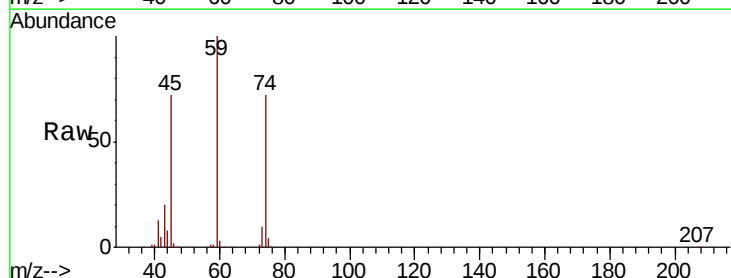
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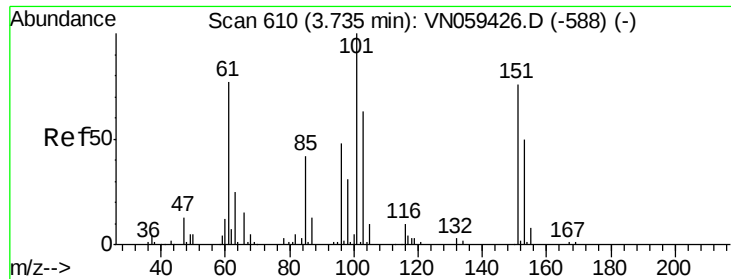


#8

Diethyl Ether
Concen: 51.812 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.8	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.473 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

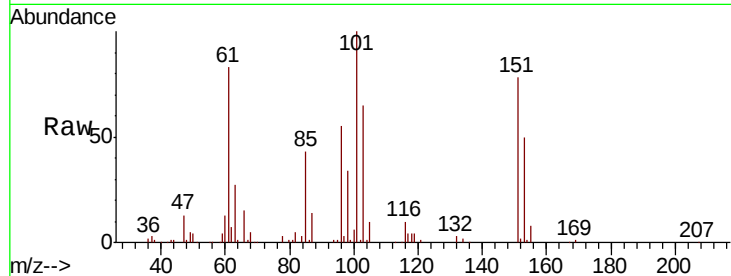
ClientSampleId :

VSTDCCC050EC

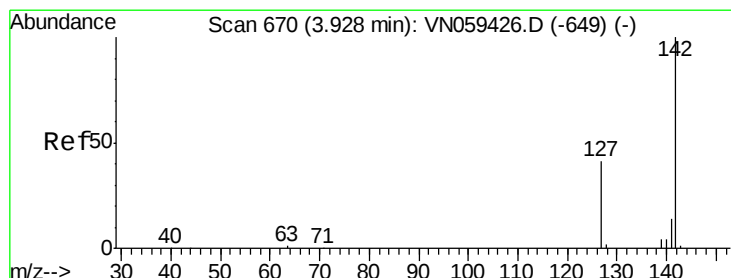
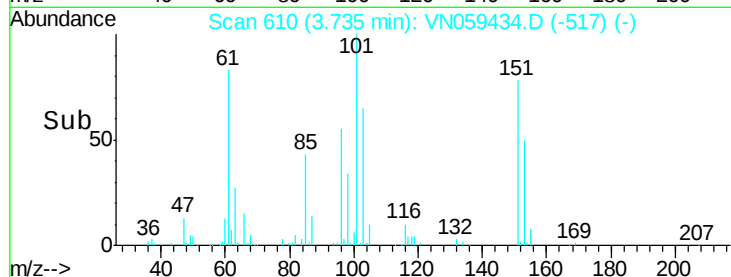
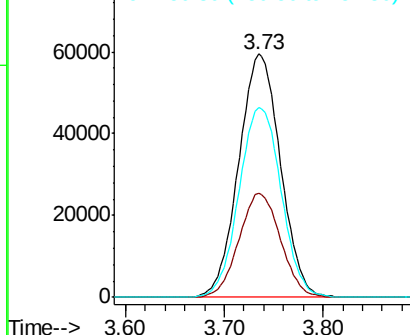
Tot Ion:	101	Resp:	174306
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.2	51.2
151	79.0	62.6	93.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.051 ug/l

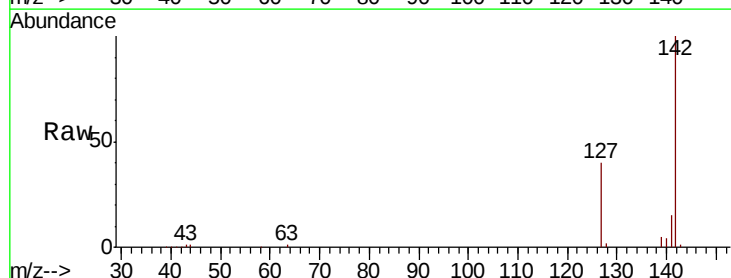
RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

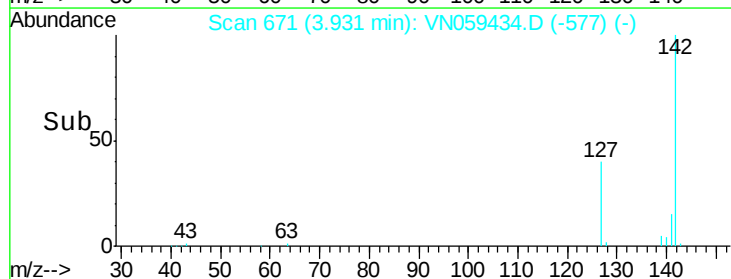
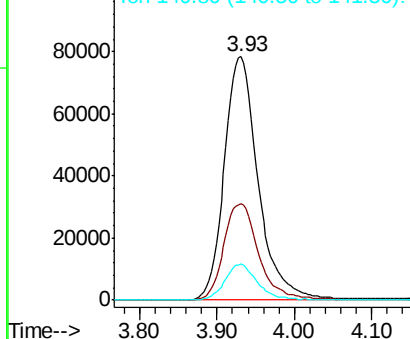
Lab File: VN059434.D

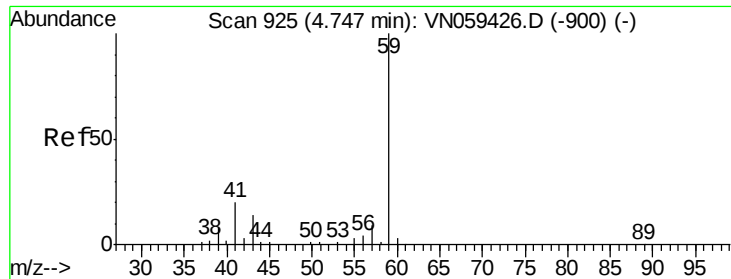
Acq: 27 Nov 2019 20:15

Tgt Ion:	142	Resp:	238242
Ion Ratio	Lower	Upper	
142	100		
127	41.1	32.6	48.8
141	14.1	11.1	16.7



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

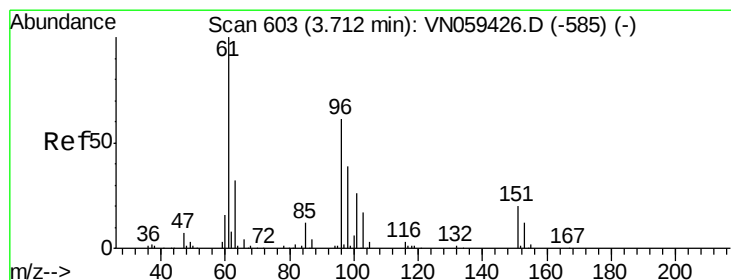
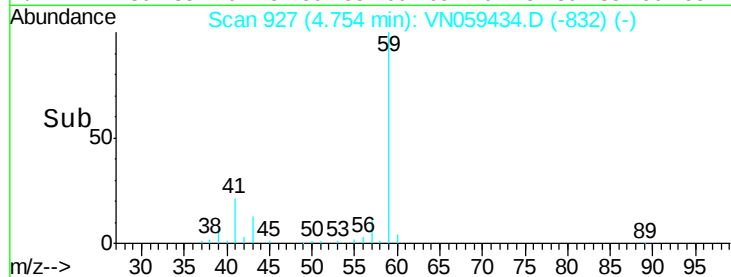
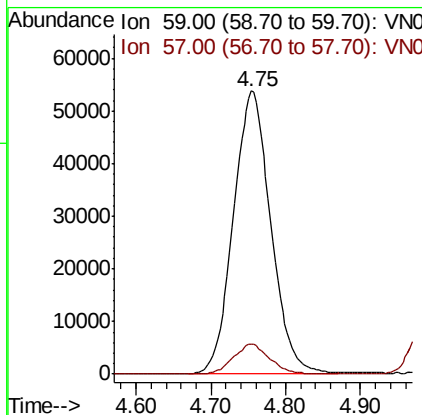
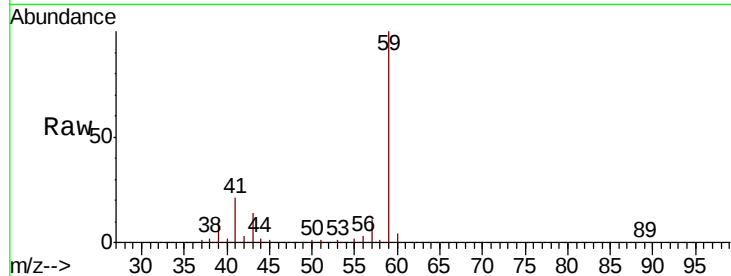
Tert butyl alcohol
 Concen: 276.110 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	3.8	5.8#

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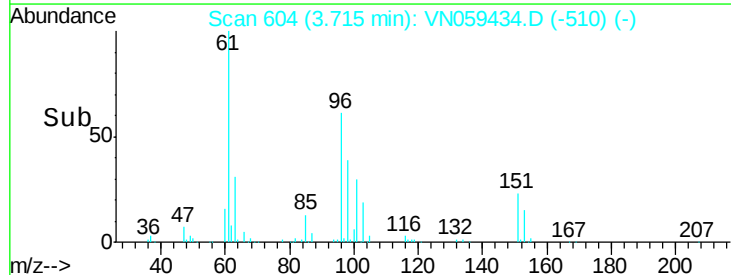
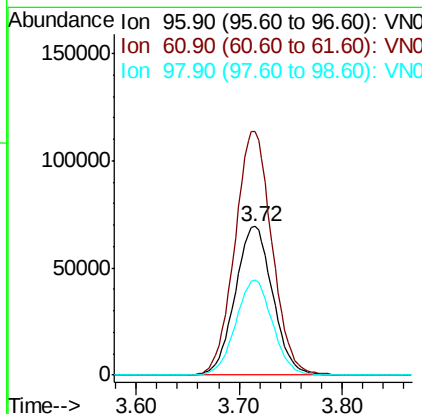
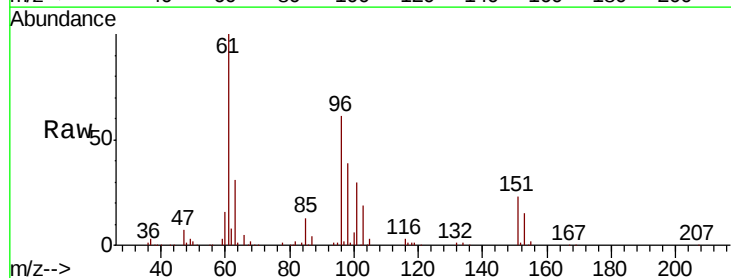
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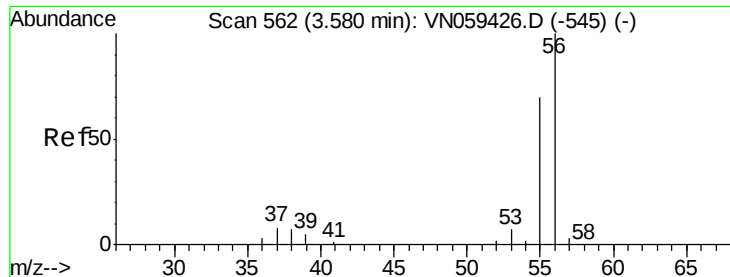


#12

1,1-Dichloroethene
 Concen: 52.875 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.9	130.5	195.7
98	64.4	51.3	76.9





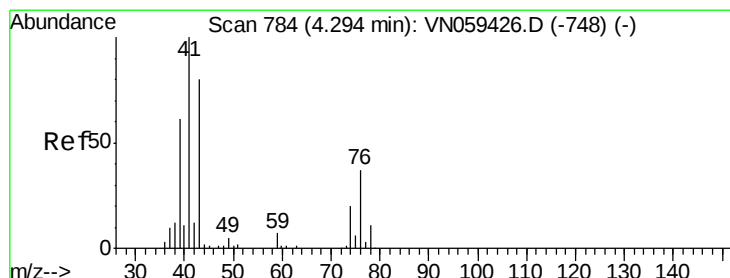
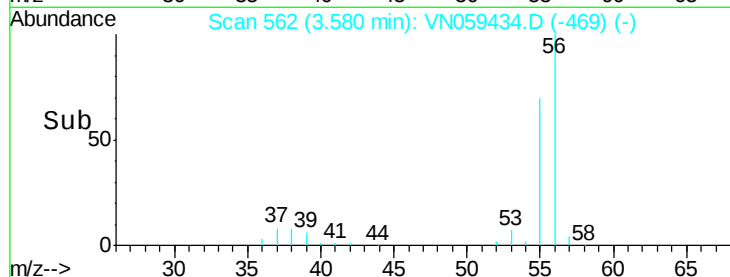
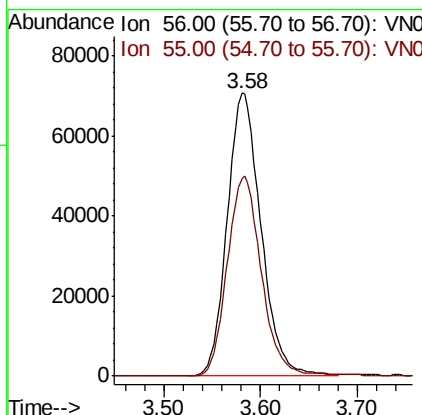
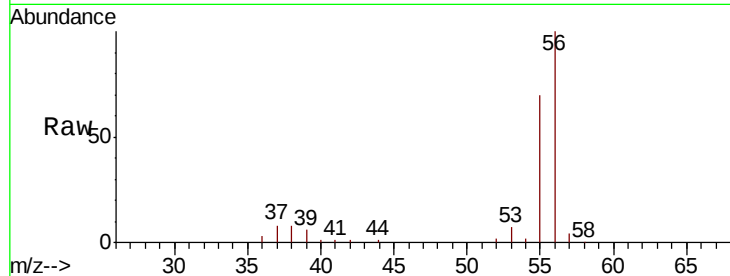
#13
Acrolein
Concen: 259.633 ug/l
RT: 3.58 min Scan# 562
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	55	Ratio	Lower	Upper
171847	100	71.3		57.8	86.6

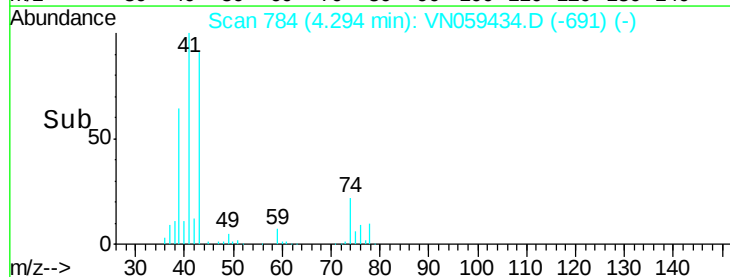
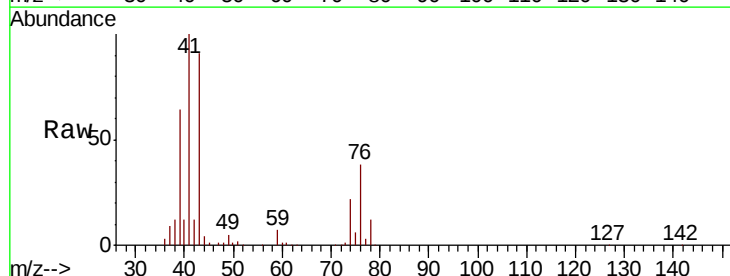
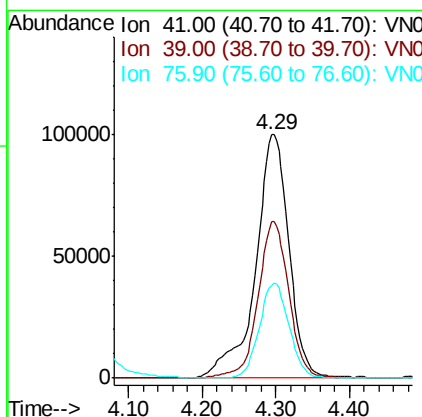
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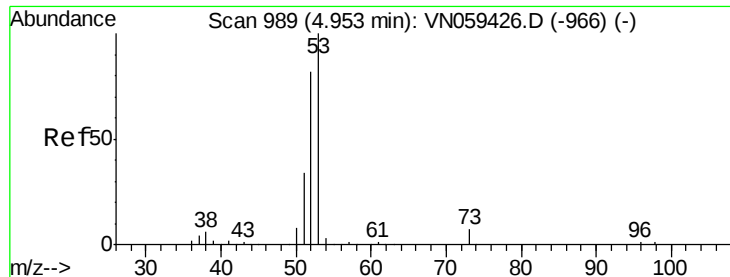
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#14
Allyl chloride
Concen: 51.360 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	41	39	76	Ratio	Lower	Upper
315899	100	59.5	34.7		46.5	69.7
					26.8	40.2





#15

Acrylonitrile

Concen: 277.141 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

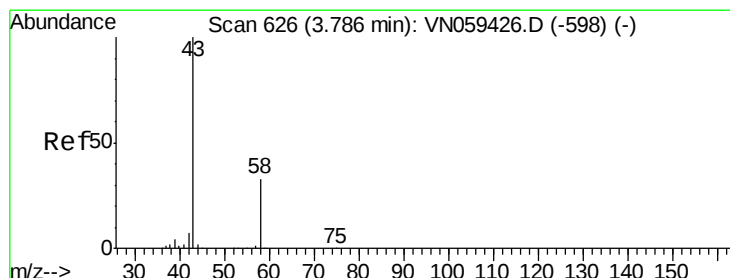
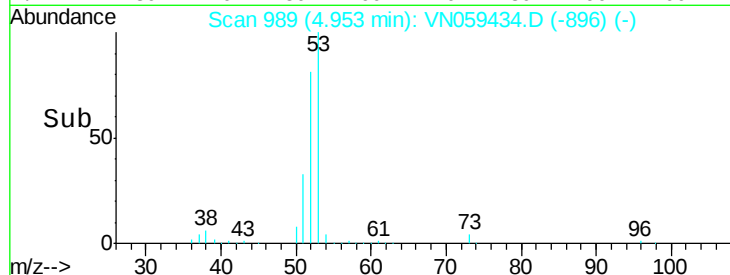
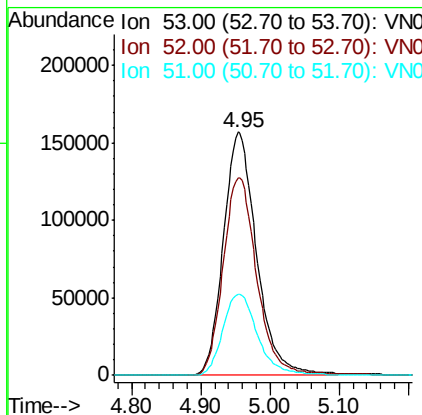
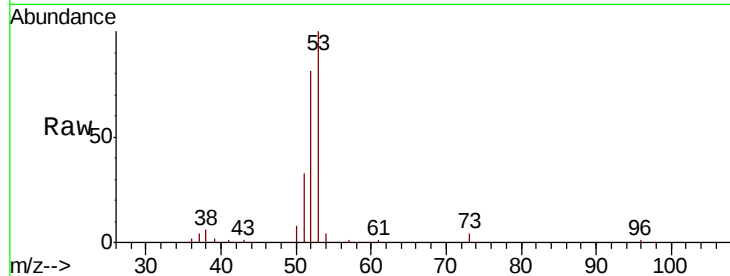
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	523623
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.1	97.7
51	35.2	27.8	41.8

Manual Integrations
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#16

Acetone

Concen: 232.117 ug/l

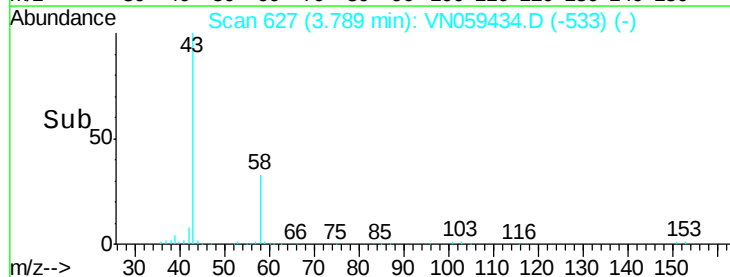
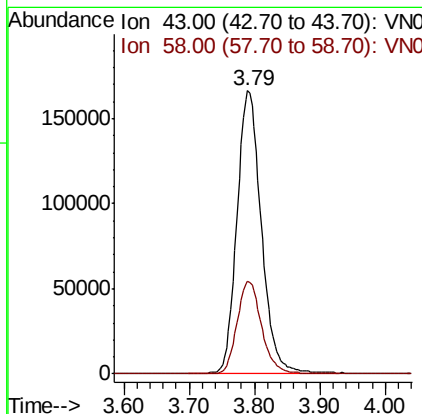
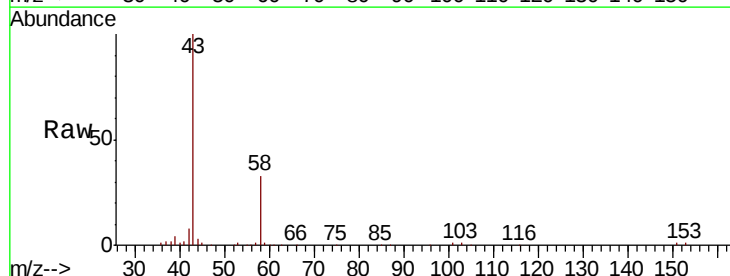
RT: 3.79 min Scan# 627

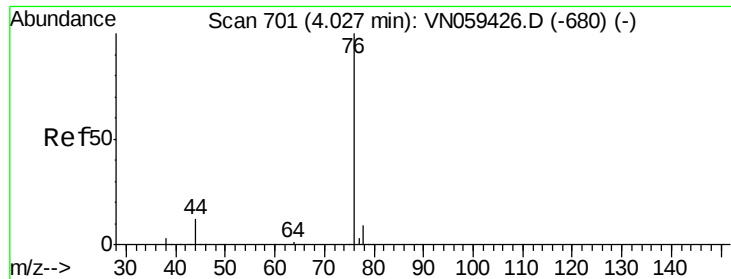
Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Tgt Ion:	43	Resp:	432812
Ion	Ratio	Lower	Upper
43	100		
58	32.7	26.6	39.8





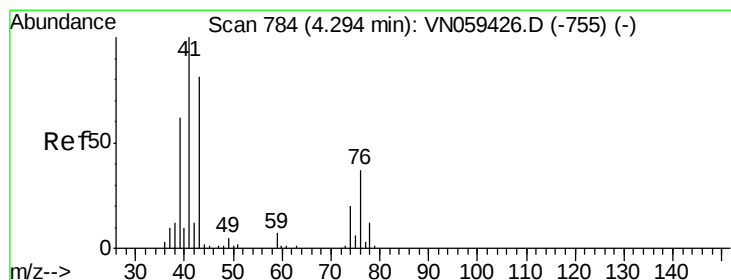
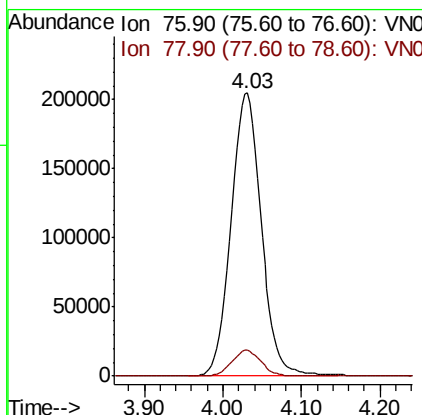
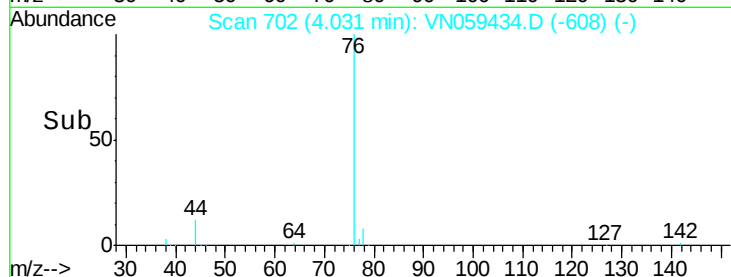
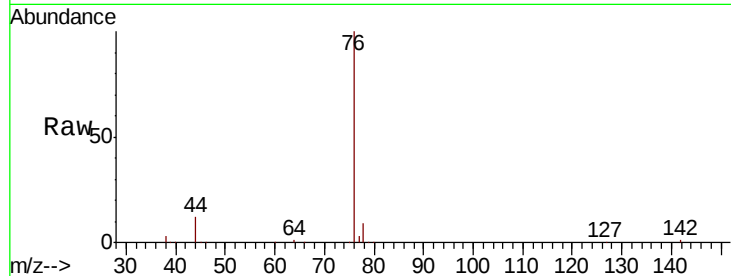
#17
Carbon Disulfide
Concen: 48.368 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 550457
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

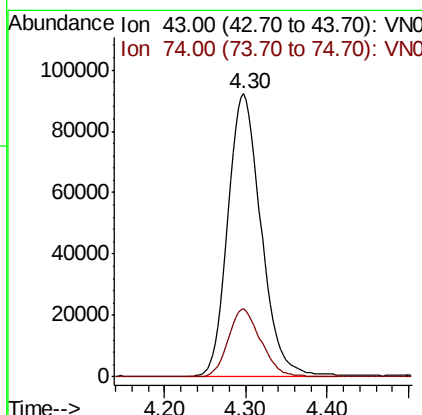
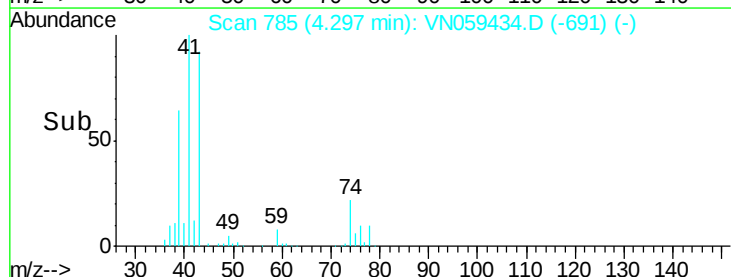
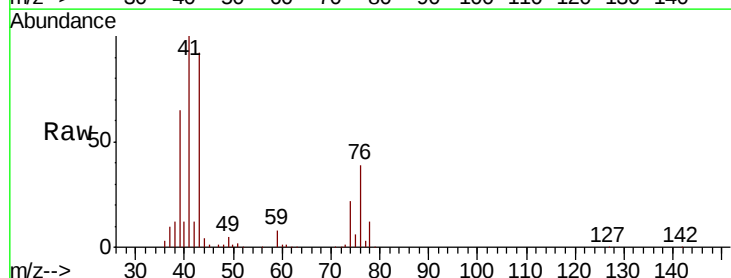
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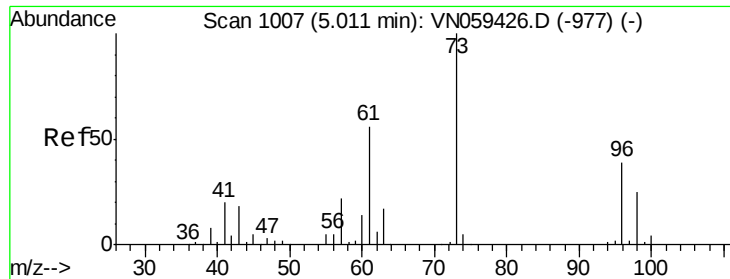
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#18
Methyl Acetate
Concen: 51.635 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 43 Resp: 262192
Ion Ratio Lower Upper
43 100
74 23.5 18.6 28.0





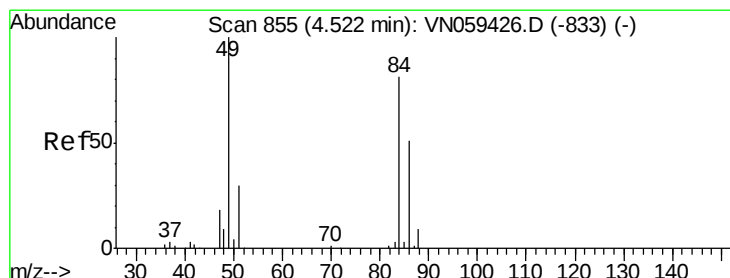
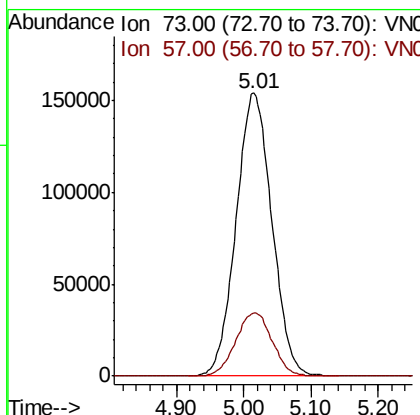
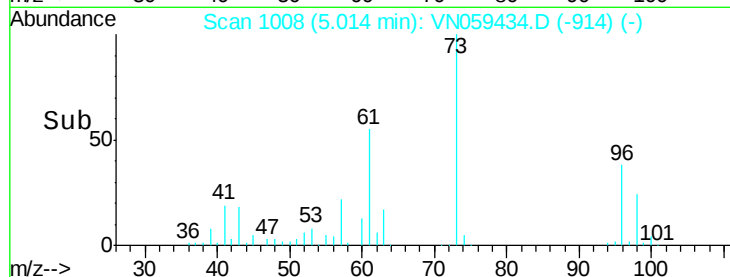
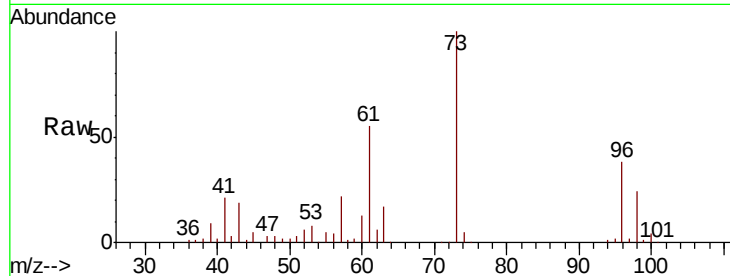
#19
Methvl tert-butvl Ether
Concen: 53.278 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 569369
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

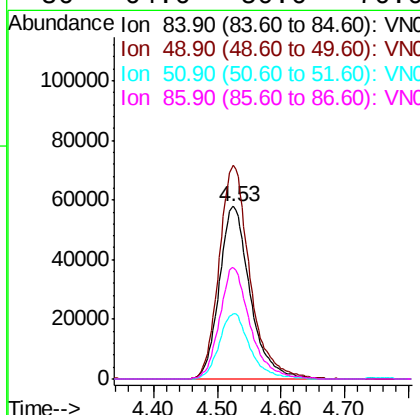
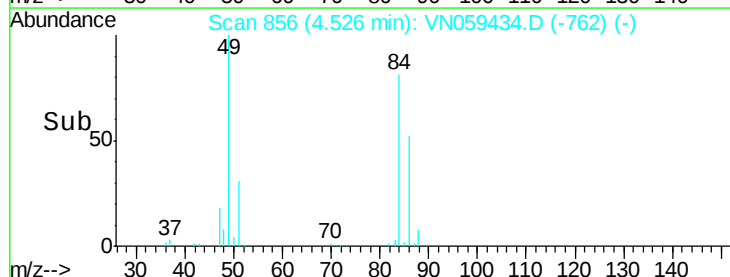
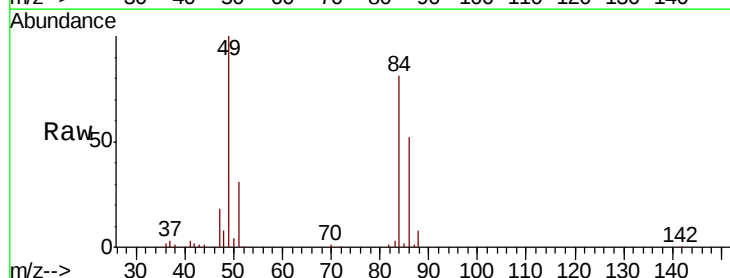
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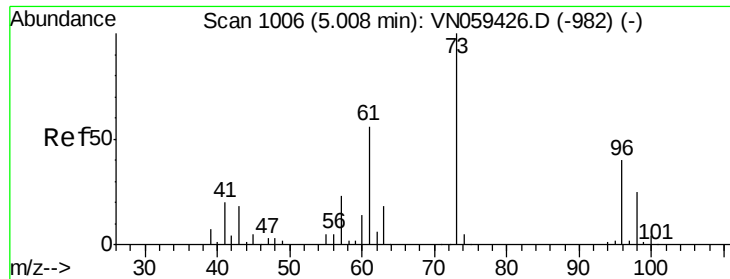
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#20
Methylene Chloride
Concen: 51.658 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 84 Resp: 195721
Ion Ratio Lower Upper
84 100
49 123.9 98.6 148.0
51 37.8 29.4 44.0
86 64.6 50.6 76.0





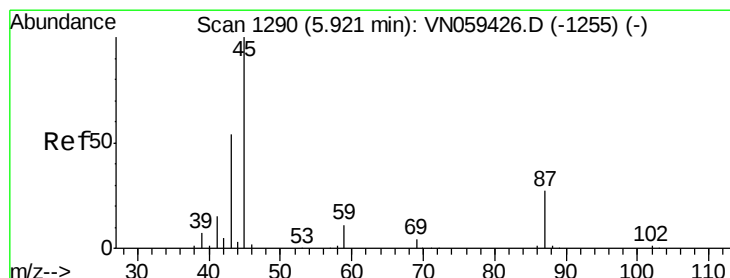
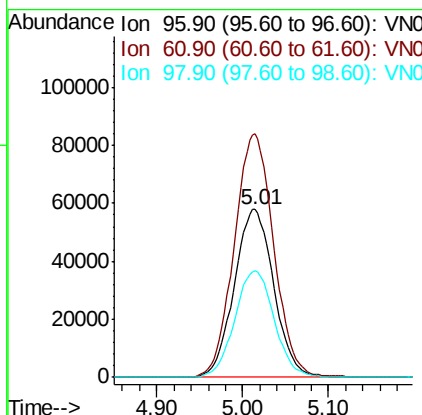
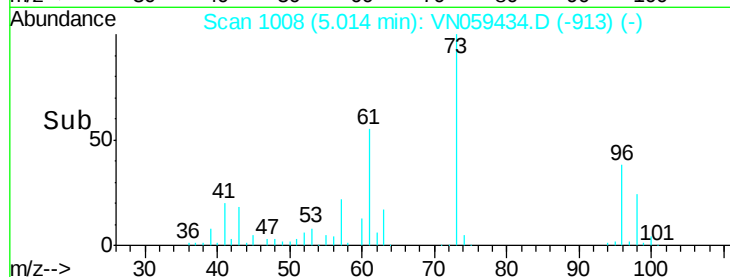
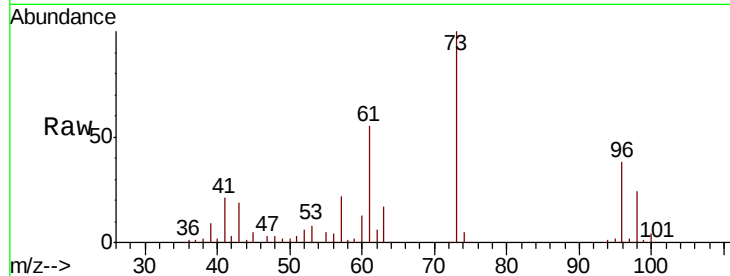
#21
trans-1,2-Dichloroethene
Concen: 51.252 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.01 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	114.0	171.0
98	63.7	50.5	75.7

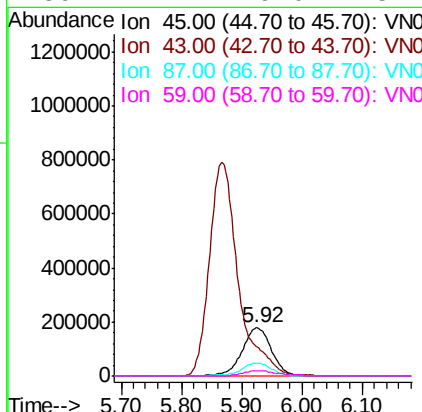
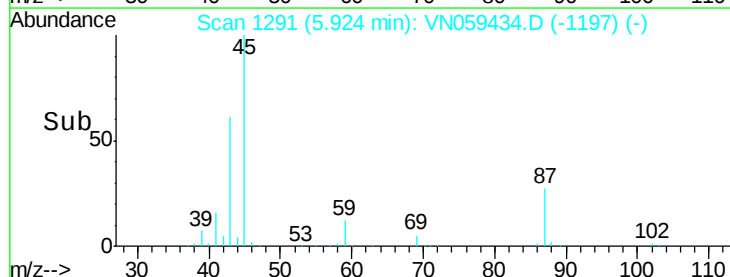
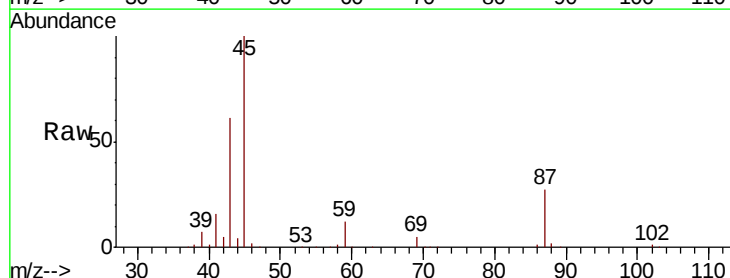
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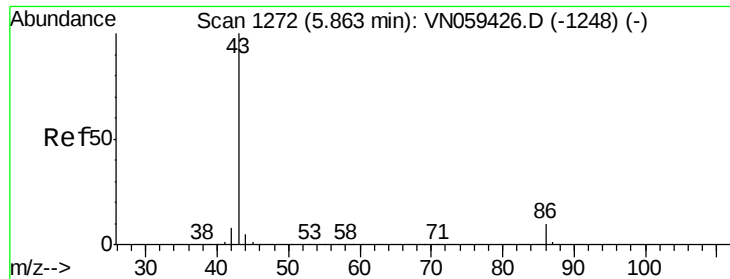
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#22
Diisopropyl ether
Concen: 53.346 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.5	46.3	69.5
87	27.3	21.8	32.6
59	11.7	9.0	13.4





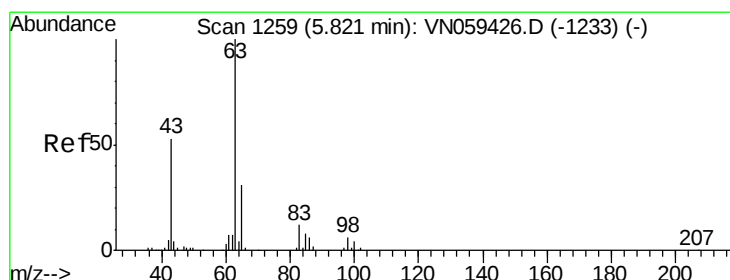
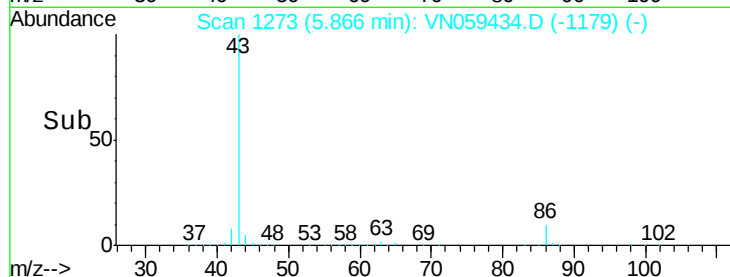
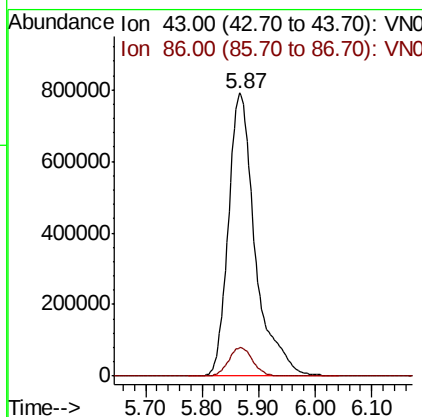
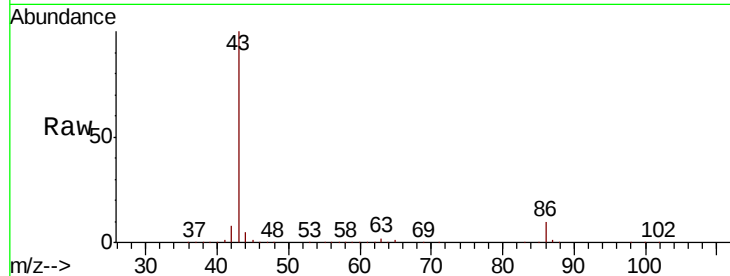
#23
 Vinyl Acetate
 Concen: 283.358 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2612915
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4

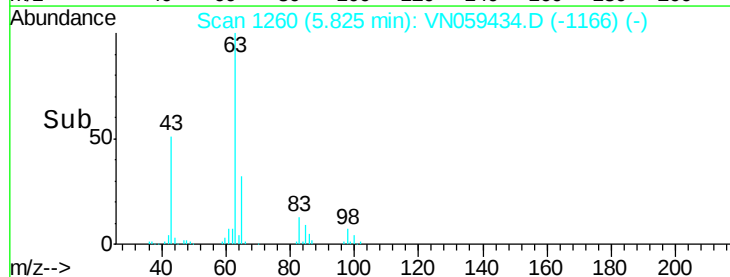
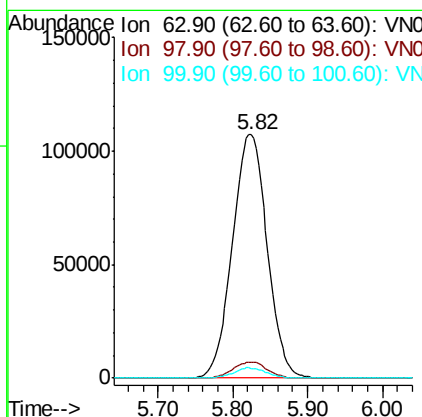
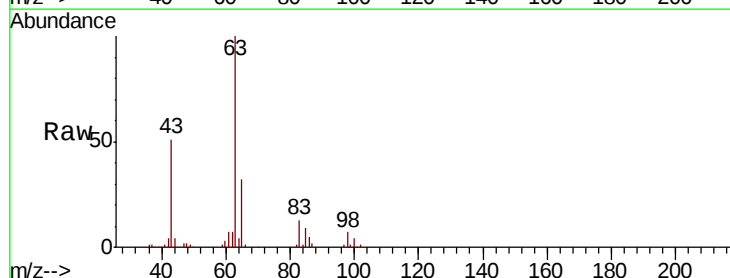
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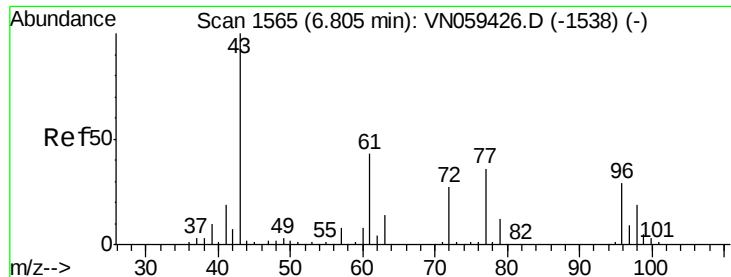
apatel
 12/2/2019 10:09:19 AM



#24
 1,1-Dichloroethane
 Concen: 52.657 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion: 63 Resp: 346294
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 266.502 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 683618

Ion Ratio Lower Upper

43 100

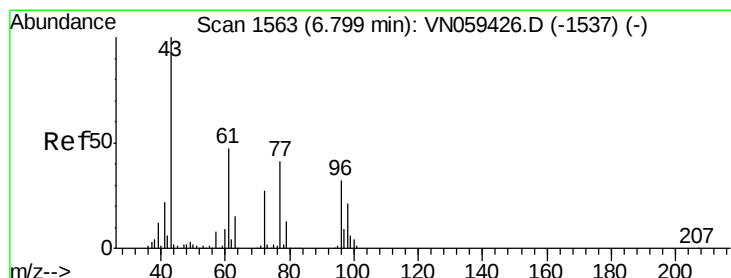
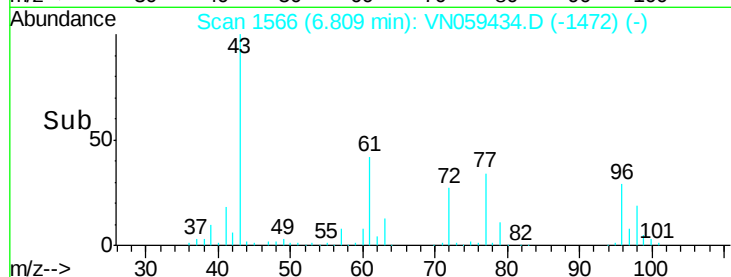
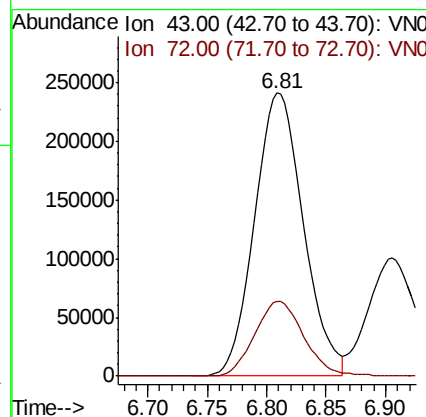
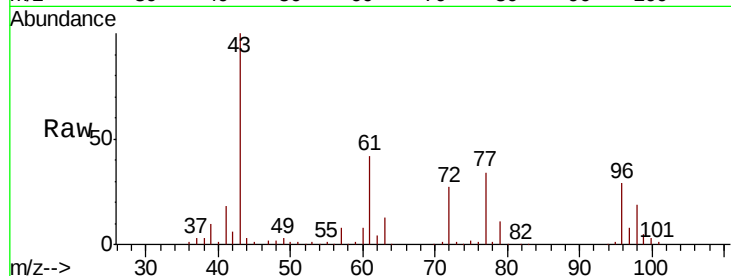
72 26.6 21.4 32.2

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#26

2,2-Dichloropropane

Concen: 50.589 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059434.D

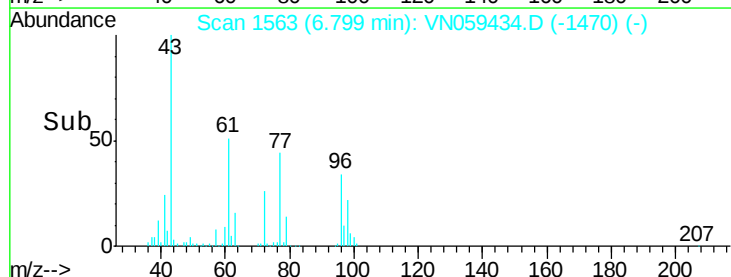
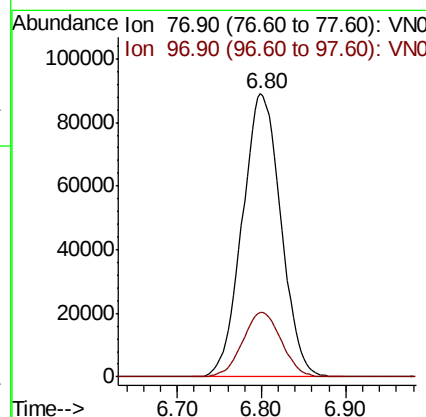
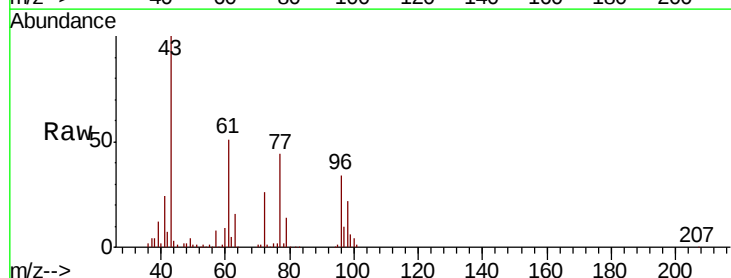
Acq: 27 Nov 2019 20:15

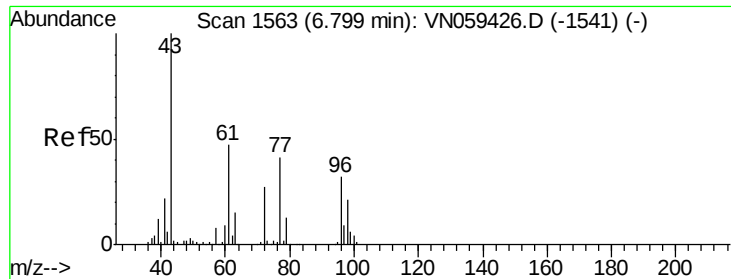
Tgt Ion: 77 Resp: 283126

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 52.942 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

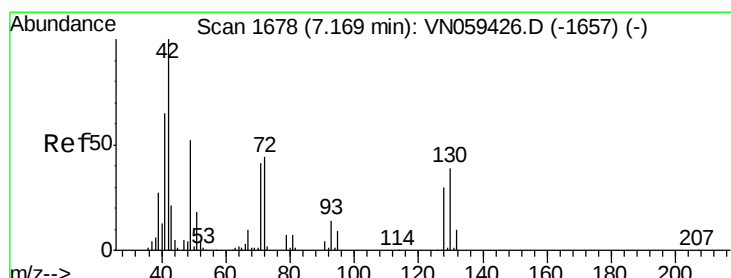
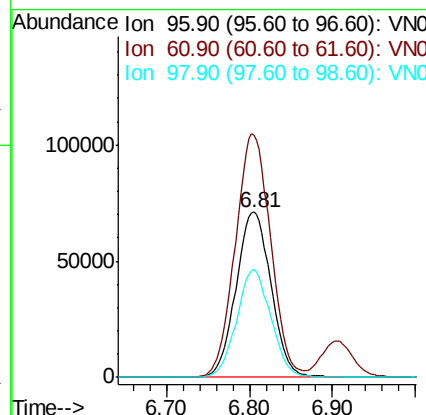
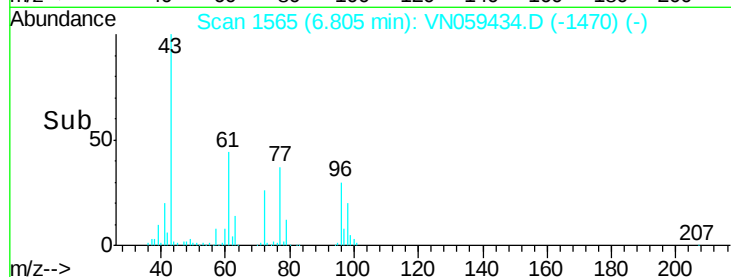
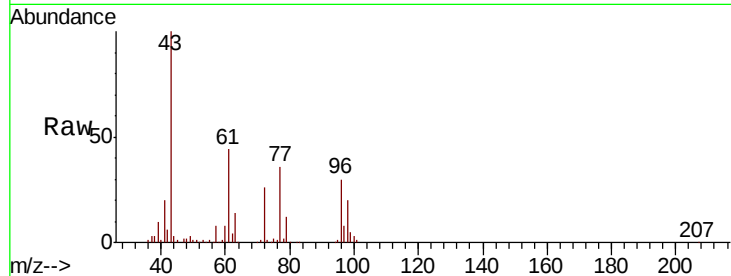
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	209212
Ion Ratio	Lower	Upper	
96	100		
61	148.3	0.0	297.6
98	63.6	0.0	130.8

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#28

Bromochloromethane

Concen: 47.438 ug/l

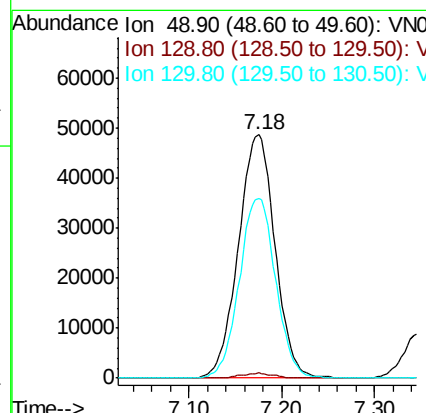
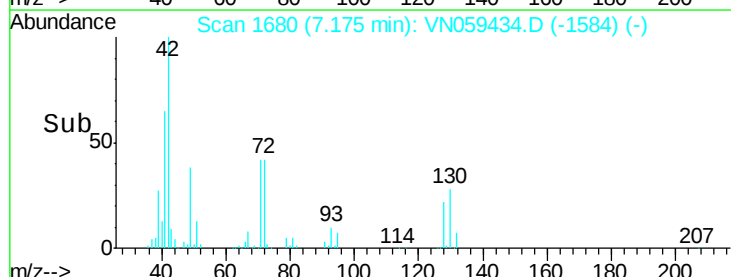
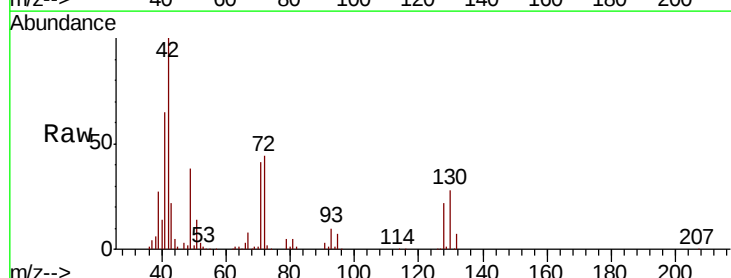
RT: 7.18 min Scan# 1680

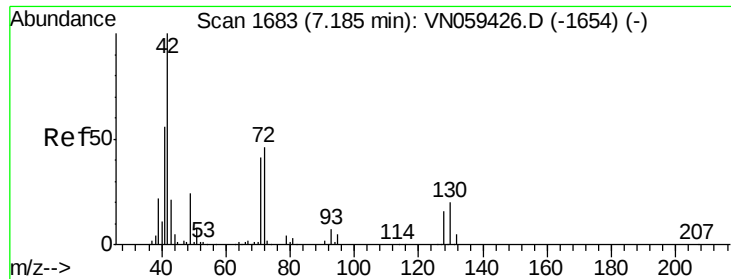
Delta R.T. 0.01 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Tgt Ion:	49	Resp:	133291
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	3.6
130	73.3	60.5	90.7





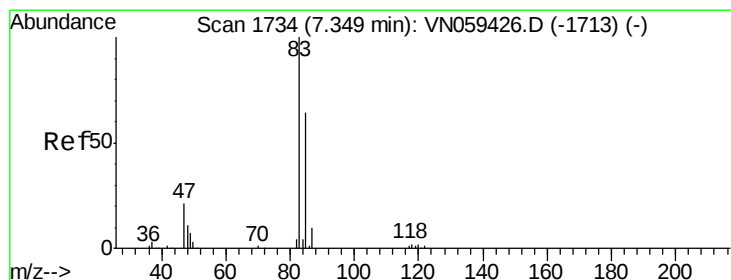
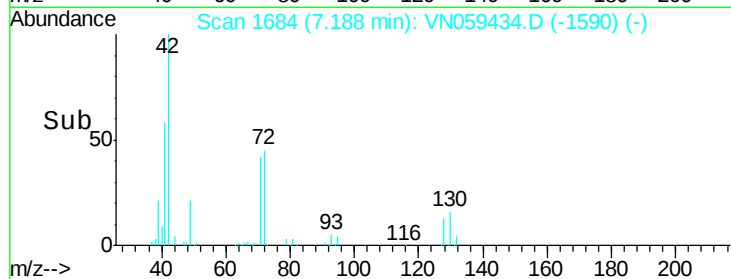
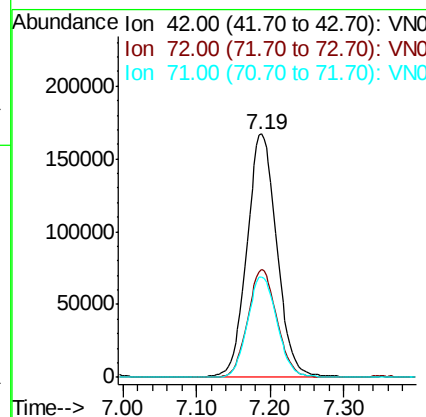
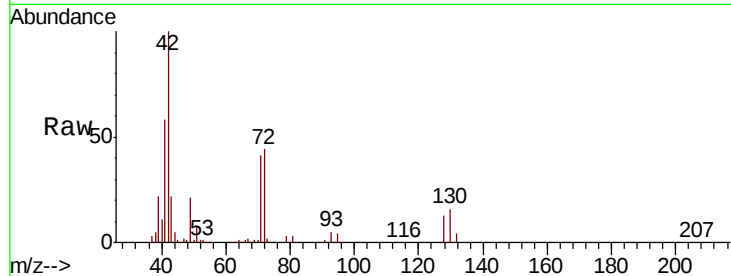
#29
Tetrahydrofuran
Concen: 277.422 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.6	51.8
71	40.8	33.0	49.6

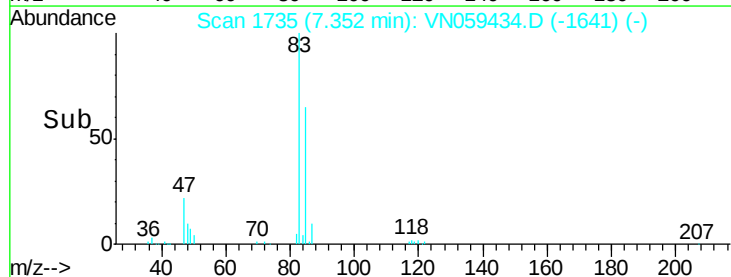
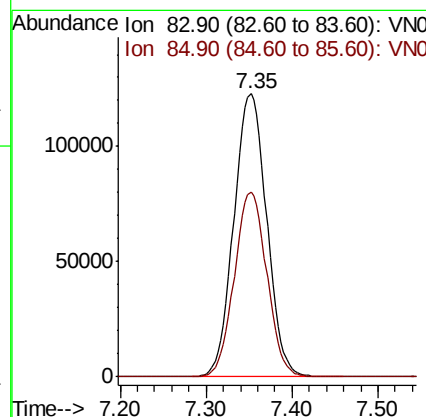
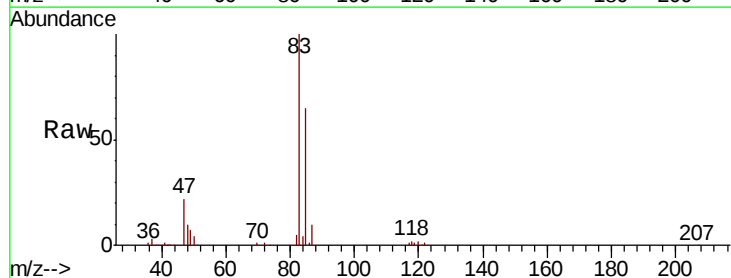
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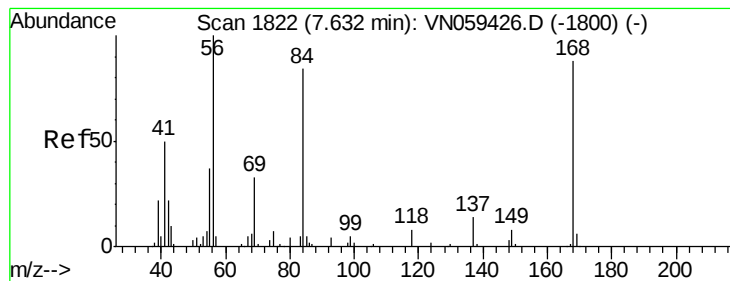
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#30
Chloroform
Concen: 49.316 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.6	77.4





#31

Cyclohexane

Concen: 50.293 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 331565

Ion Ratio Lower Upper

56 100

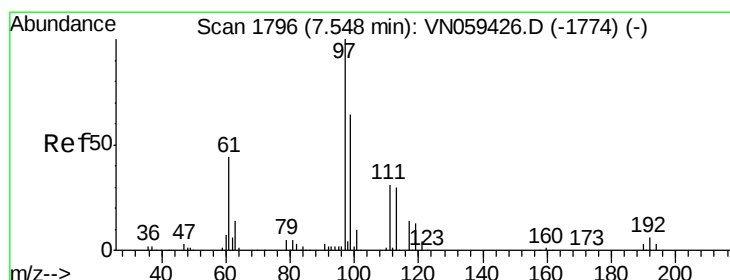
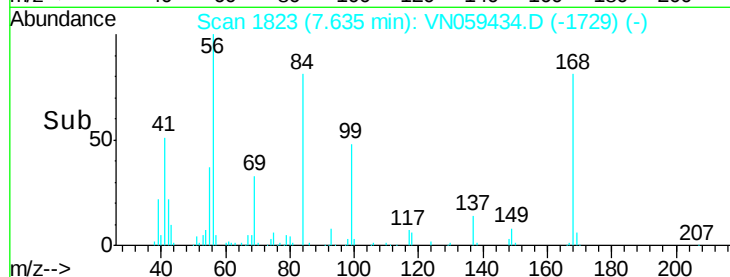
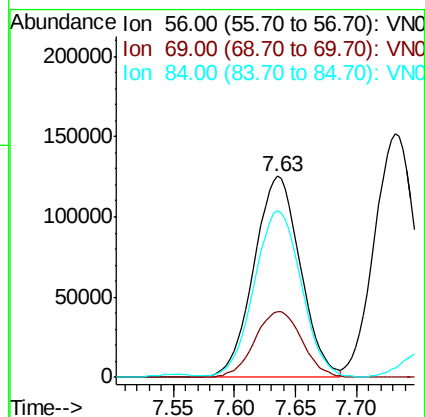
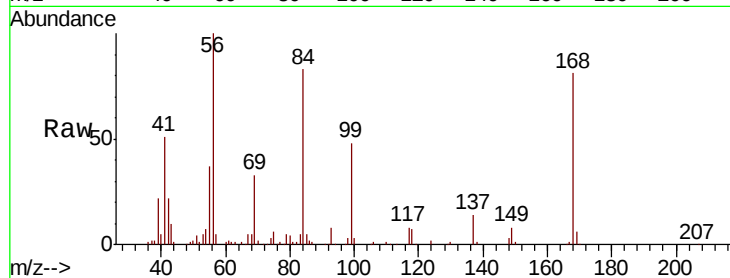
69 32.9 26.4 39.6

84 82.4 67.0 100.6

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#32

1,1,1-Trichloroethane

Concen: 52.785 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

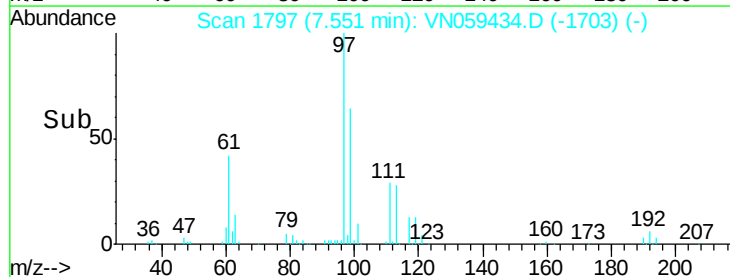
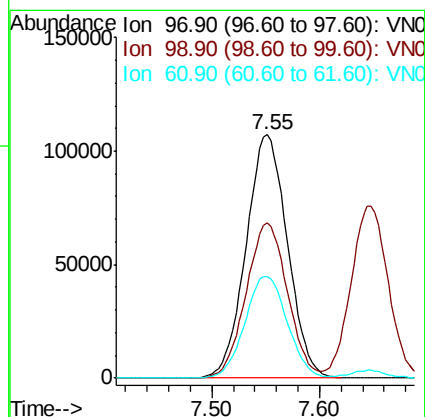
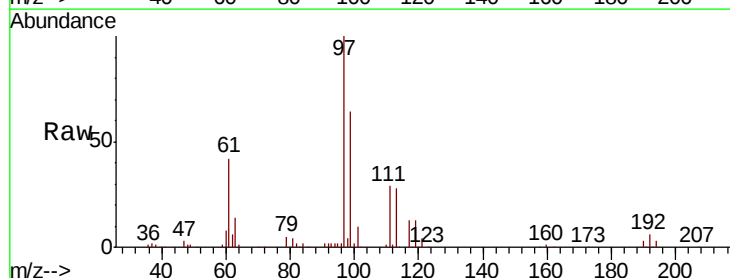
Tgt Ion: 97 Resp: 285666

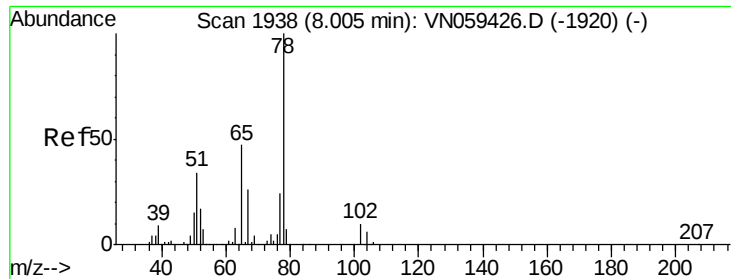
Ion Ratio Lower Upper

97 100

99 63.9 50.9 76.3

61 42.9 34.3 51.5





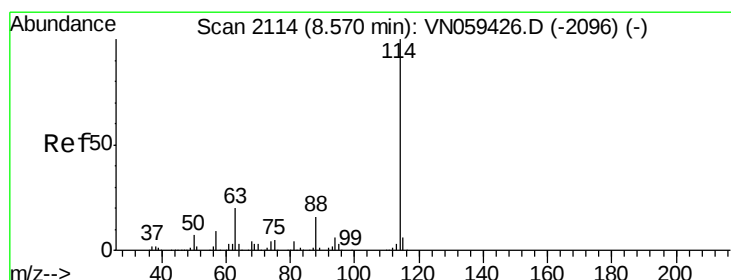
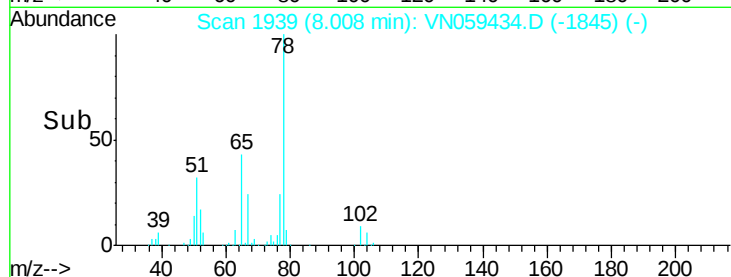
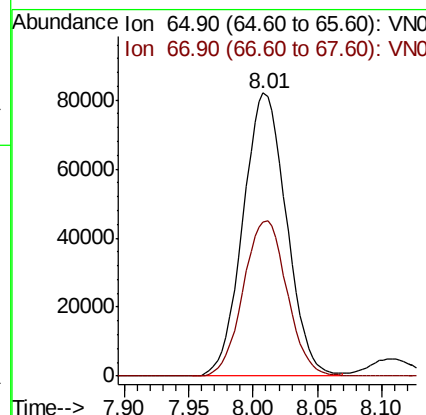
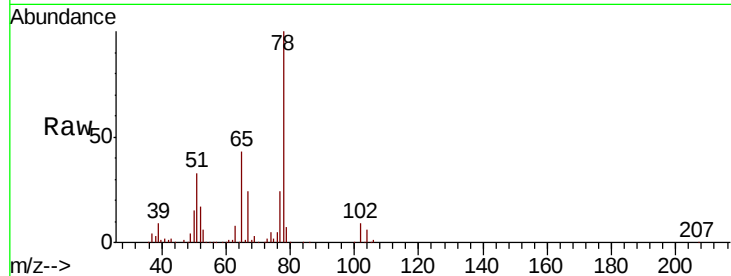
#33
 1,2-Dichloroethane-d4
 Concen: 49.253 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192778		
67	55.2	0.0	111.2	

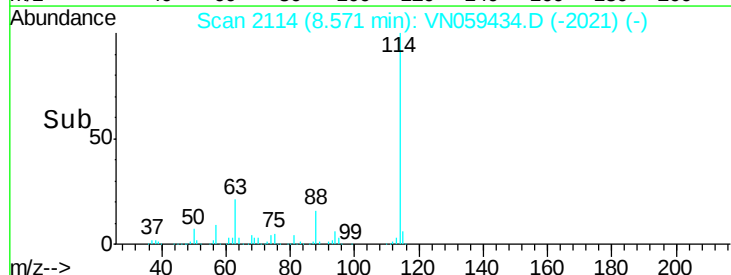
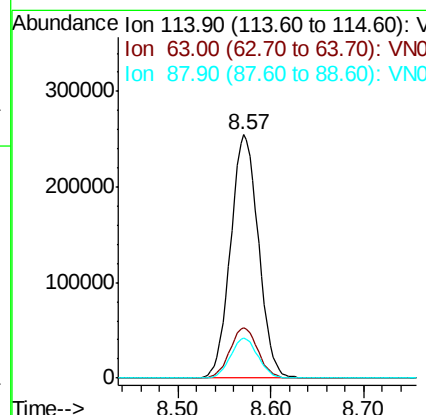
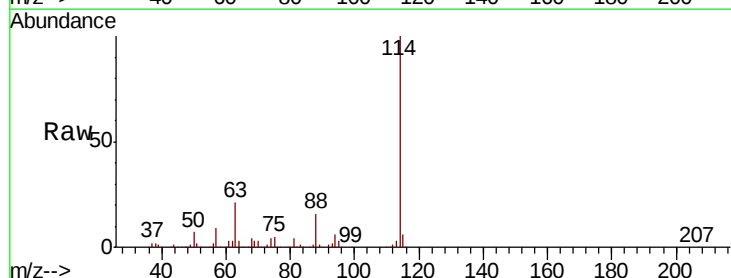
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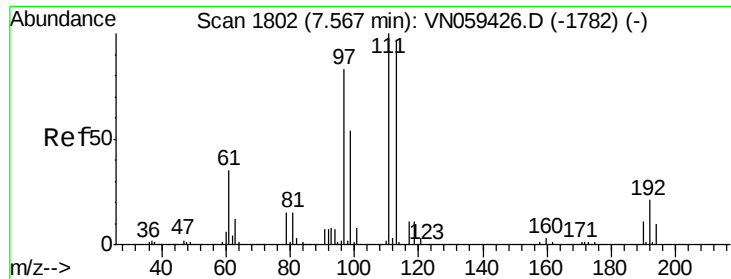
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	531010		
63	20.6	0.0	40.4	
88	16.3	0.0	32.2	





#35

Dibromofluoromethane

Concen: 48.699 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

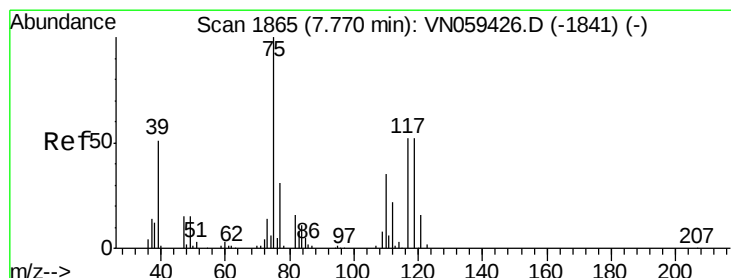
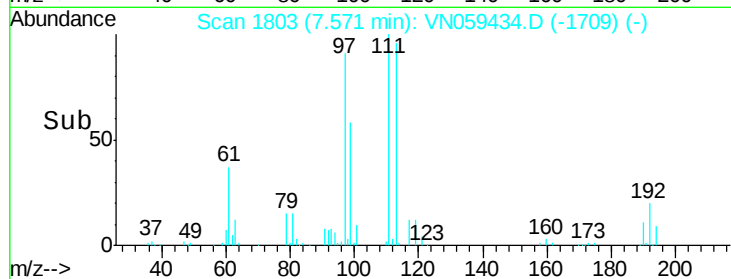
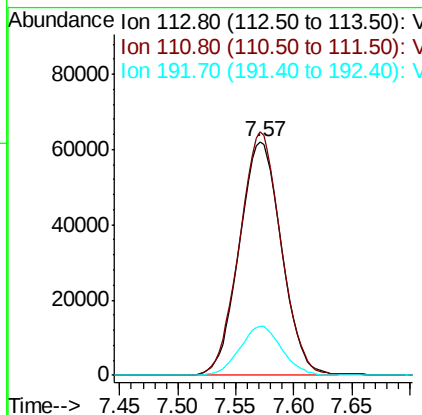
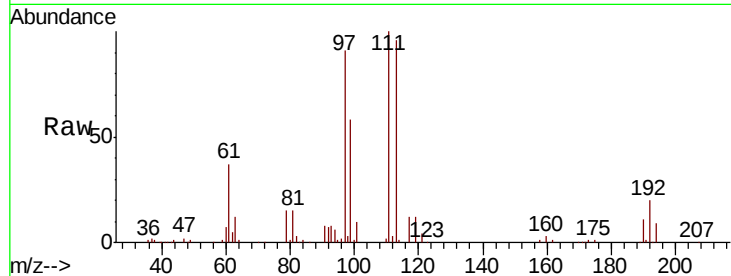
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	157515
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.9	122.9
192	20.9	16.6	24.8

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#36

1,1-Dichloropropene

Concen: 51.305 ug/l

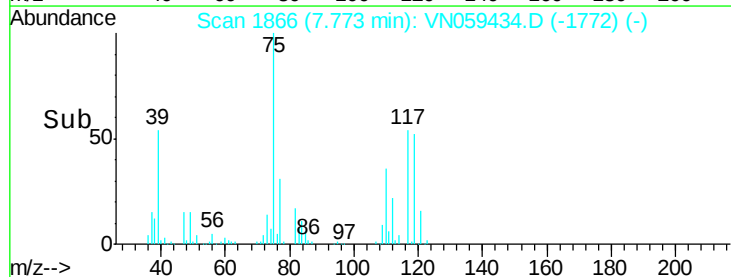
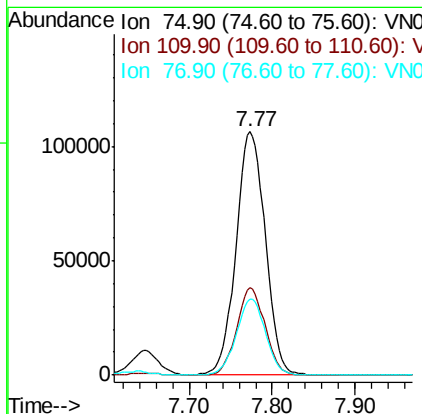
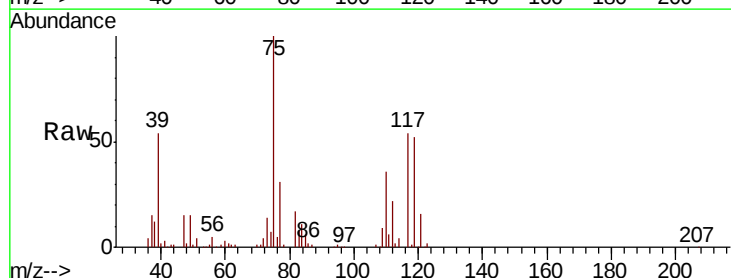
RT: 7.77 min Scan# 1866

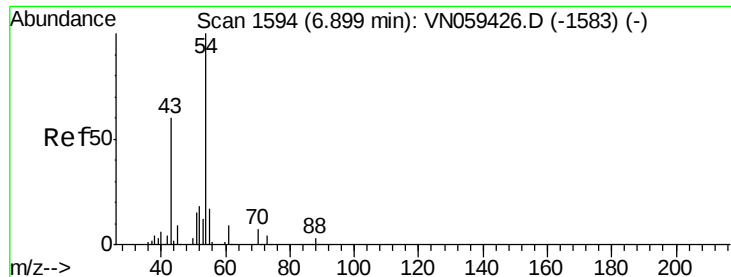
Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Tgt Ion:	75	Resp:	261983
Ion Ratio	Lower	Upper	
75	100		
110	34.6	17.3	52.0
77	31.2	24.9	37.3





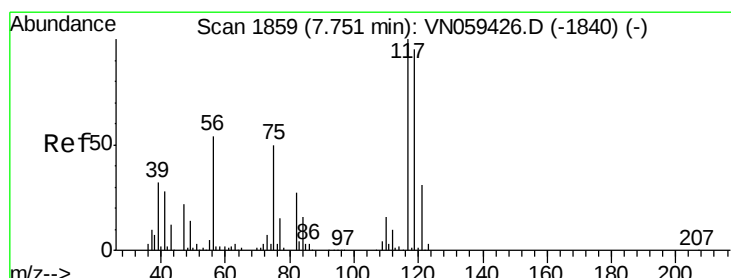
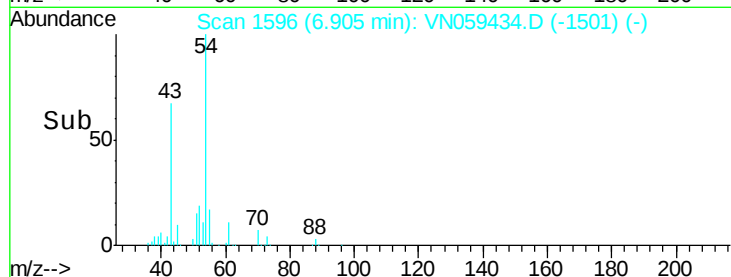
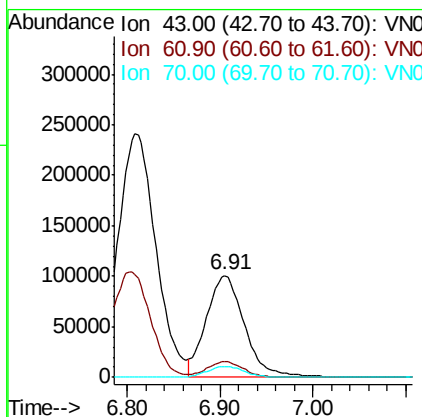
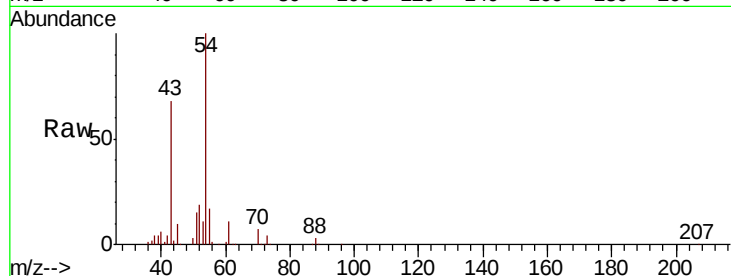
#37
Ethyl Acetate
Concen: 52.417 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.2	18.2
70	10.9	8.8	13.2

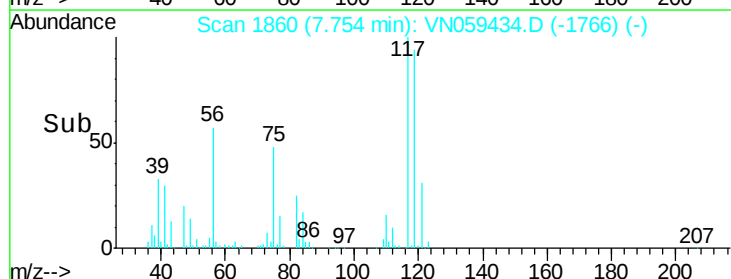
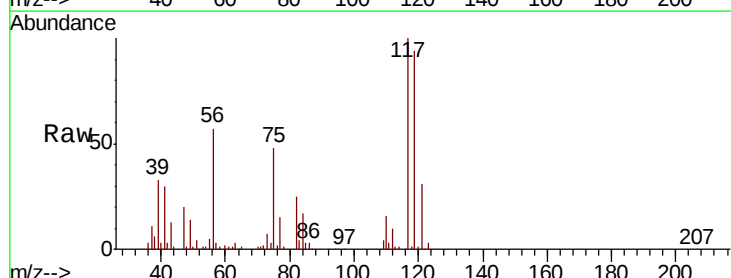
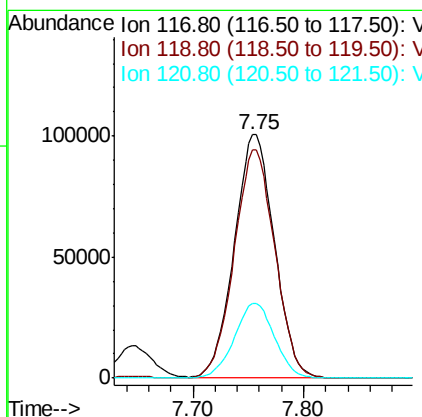
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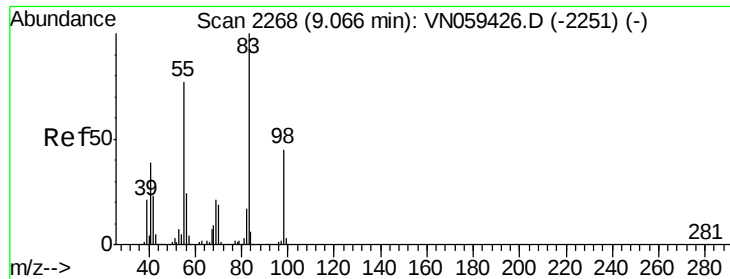
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#38
Carbon Tetrachloride
Concen: 52.732 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.9	113.9
121	30.9	24.6	36.8





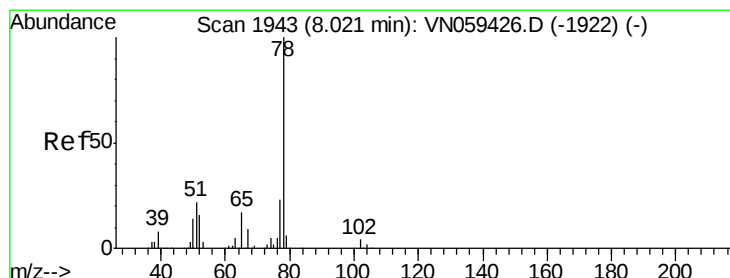
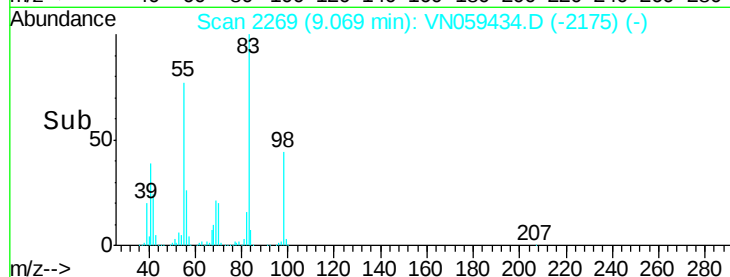
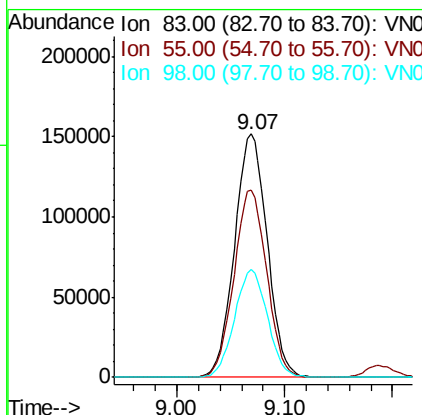
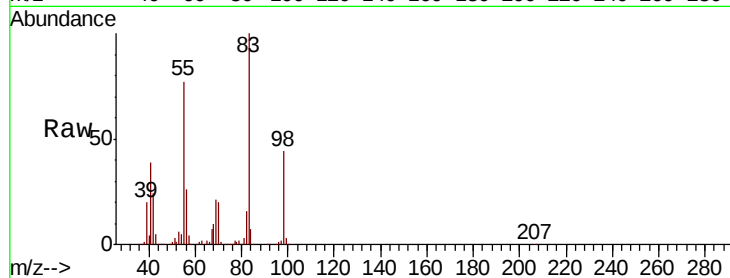
#39
Methvlcvclohexane
Concen: 52.361 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.6	92.4
98	44.3	35.7	53.5

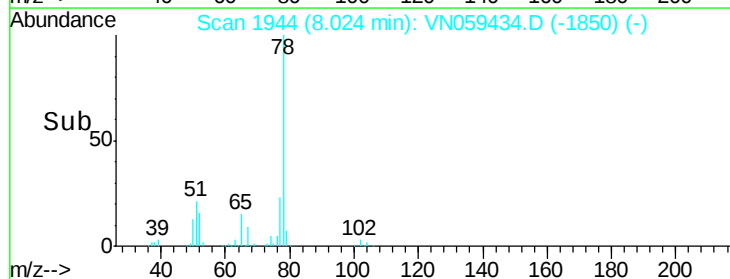
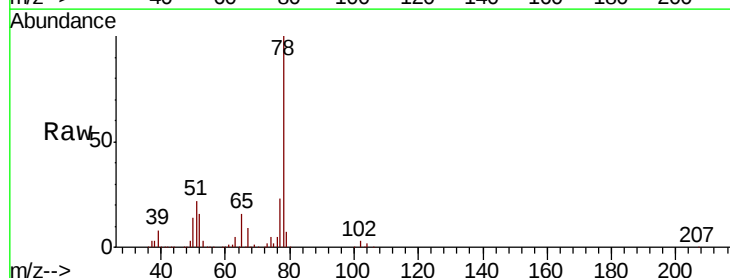
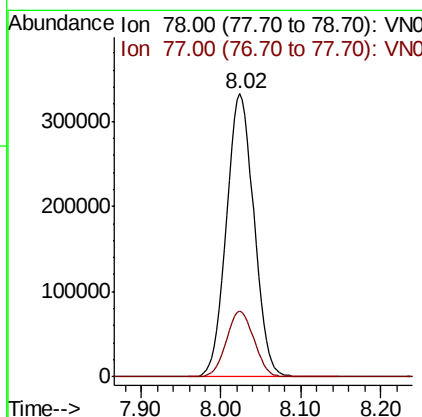
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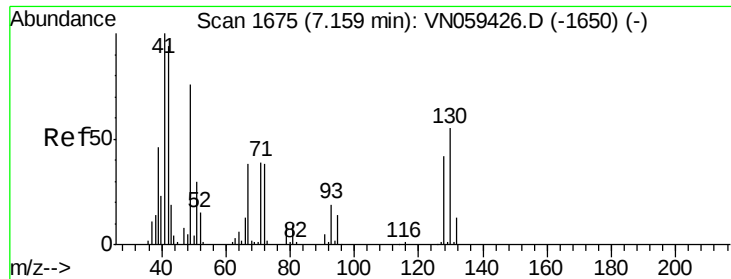
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#40
Benzene
Concen: 51.318 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5





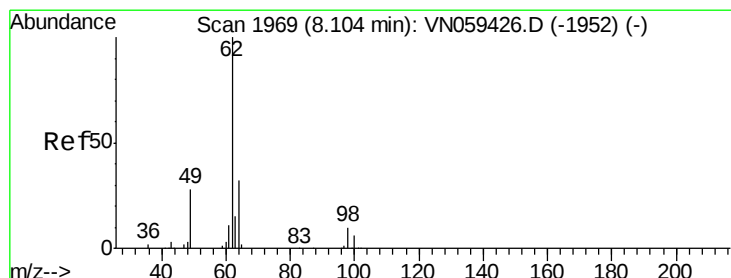
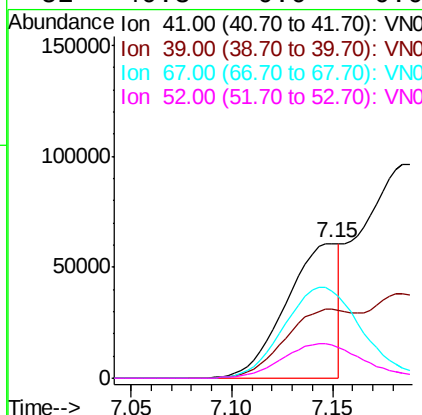
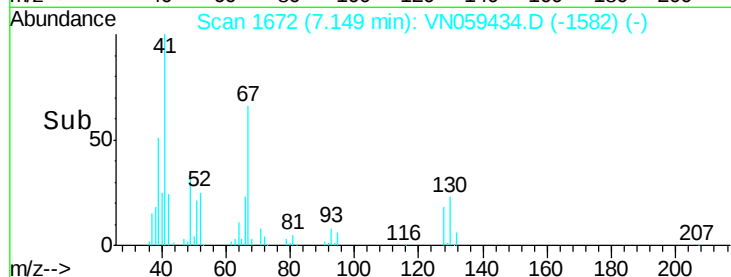
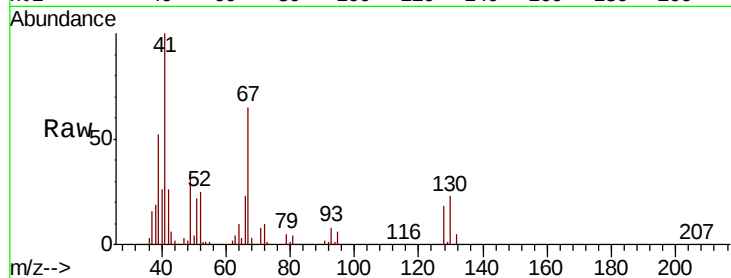
#41
Methacrylonitrile
Concen: 43.575 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.2	0.0	0.0#
67	101.0	0.0	0.0#
52	40.3	0.0	0.0#

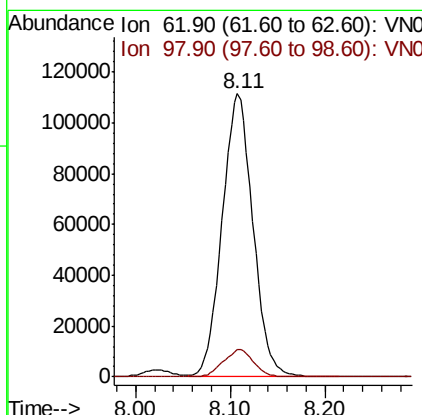
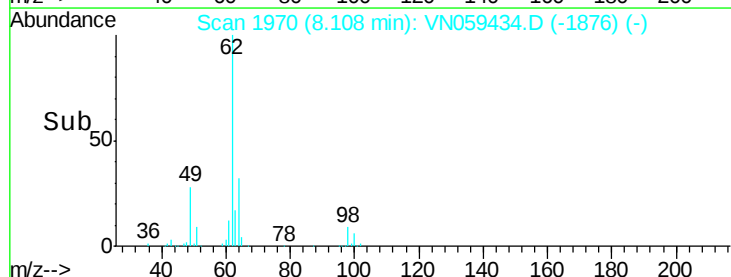
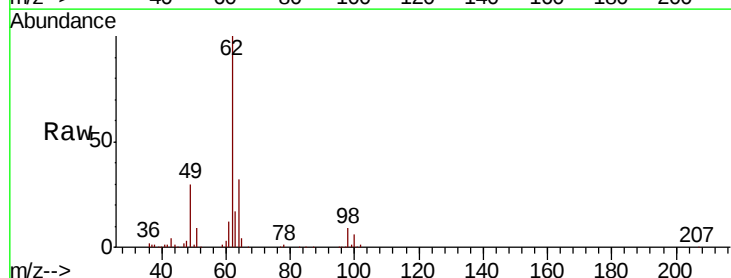
Manual Integrations
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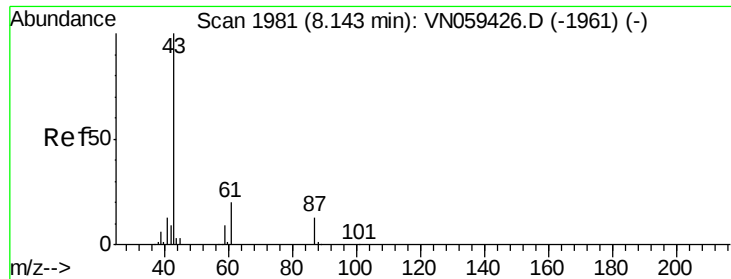
apatel
12/2/2019 10:09:19 AM



#42
1,2-Dichloroethane
Concen: 52.429 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 54.156 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

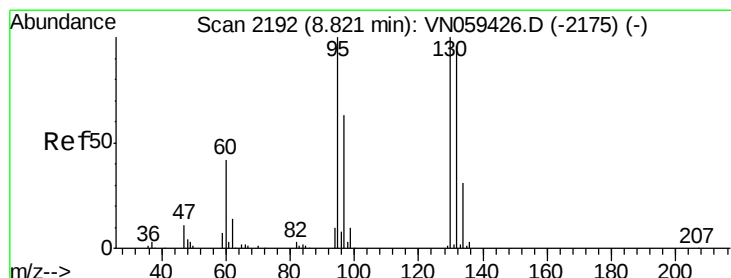
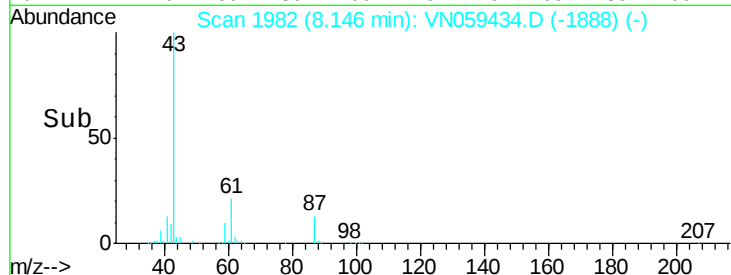
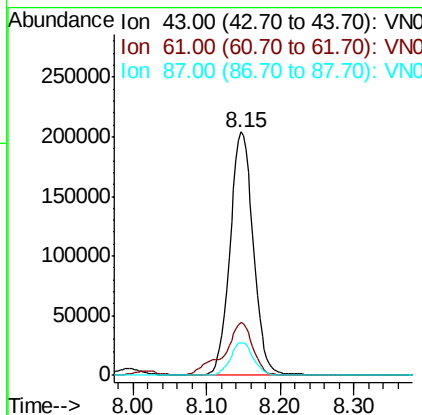
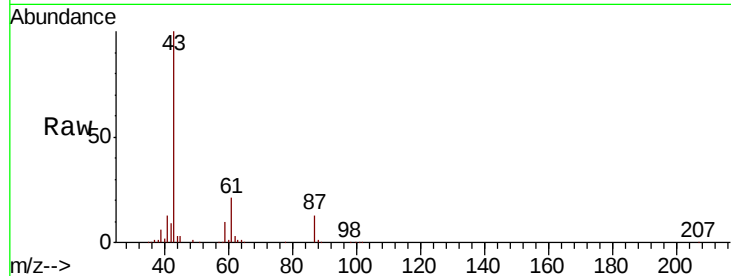
ClientSampled :

VSTDCCC050EC

Tot Ion:	43	Resp:	444487
Ion	Ratio	Lower	Upper
43	100		
61	26.9	22.2	33.2
87	13.3	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 51.129 ug/l

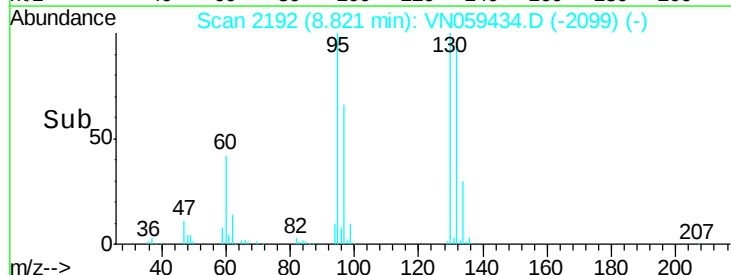
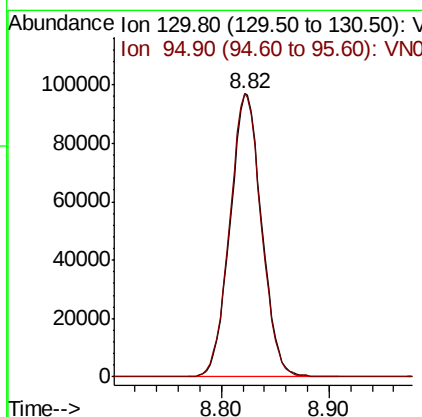
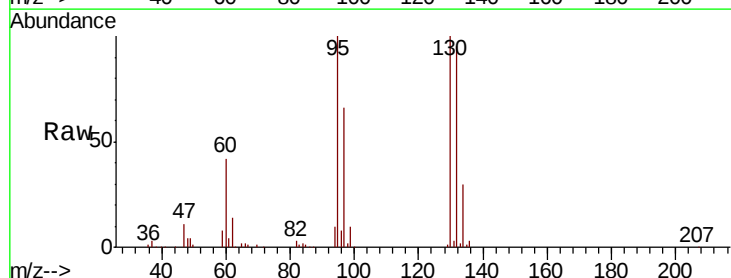
RT: 8.82 min Scan# 2192

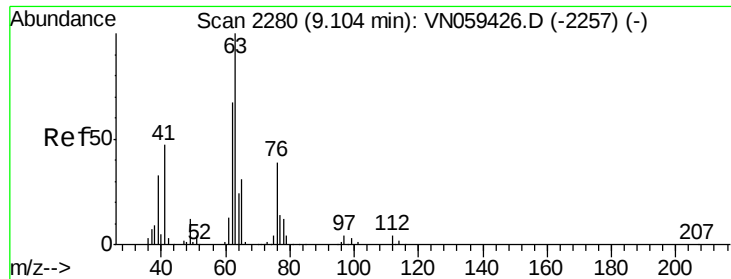
Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Tgt Ion:	130	Resp:	197664
Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	199.6





#45

1,2-Dichloropropane

Concen: 51.935 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 205968

Ion Ratio Lower Upper

63 100

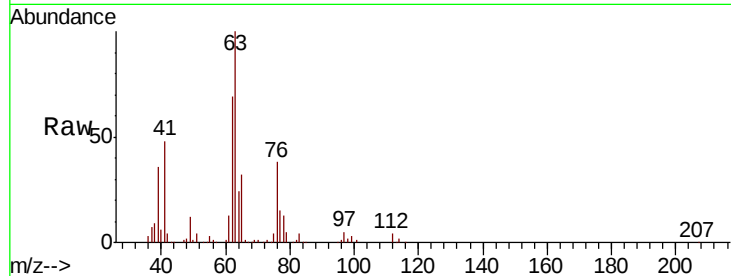
65 31.9 24.6 36.8

Manual Integrations

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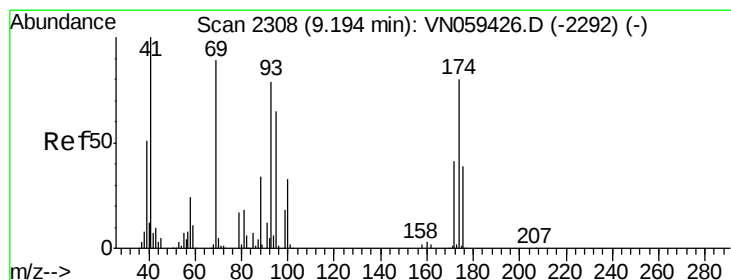
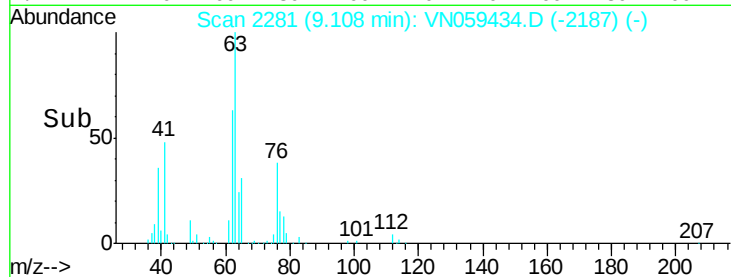
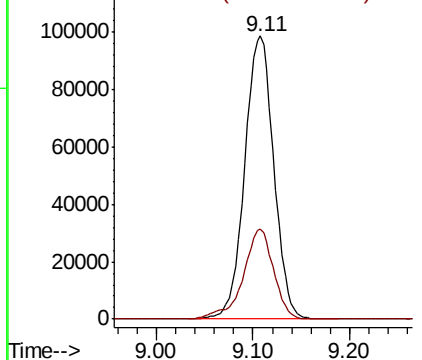
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#46

Dibromomethane

Concen: 52.245 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

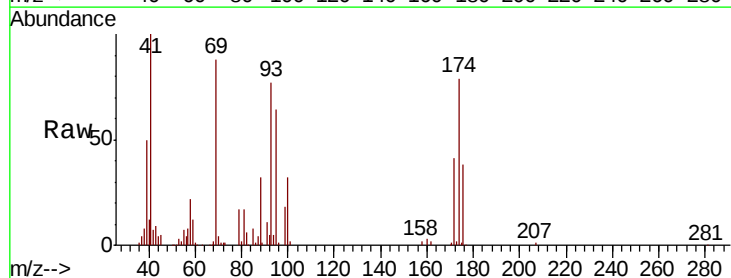
Tgt Ion: 93 Resp: 127863

Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

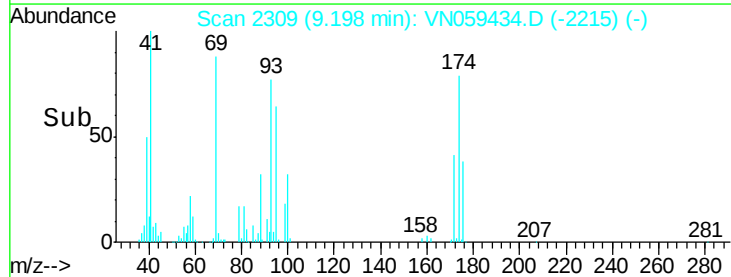
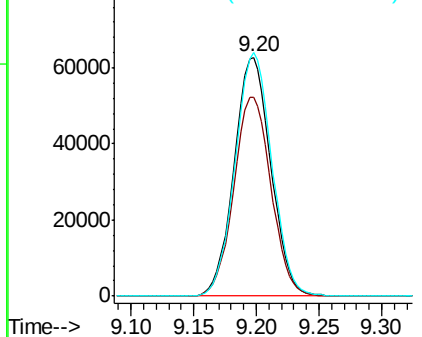
174 102.1 81.8 122.8

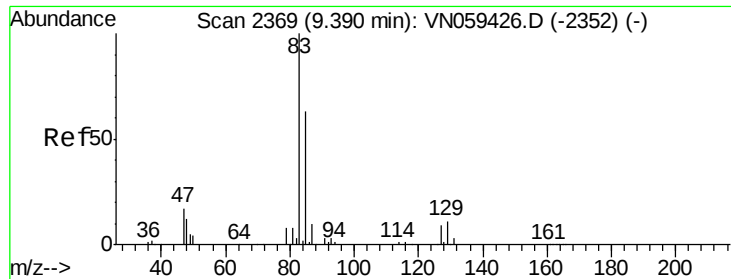


Abundance Ion 92.80 (92.50 to 93.50): VNC

Ion 94.80 (94.50 to 95.50): VNC

Ion 173.70 (173.40 to 174.40): V





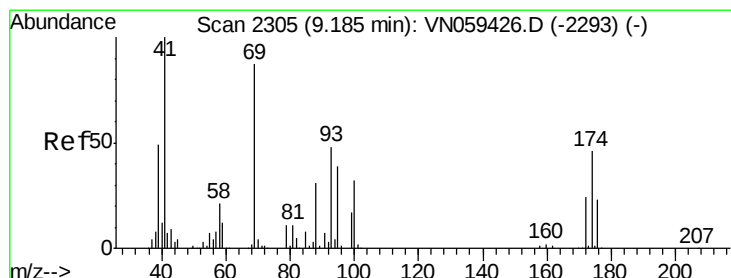
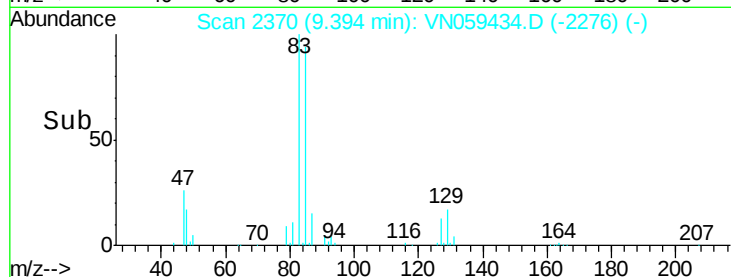
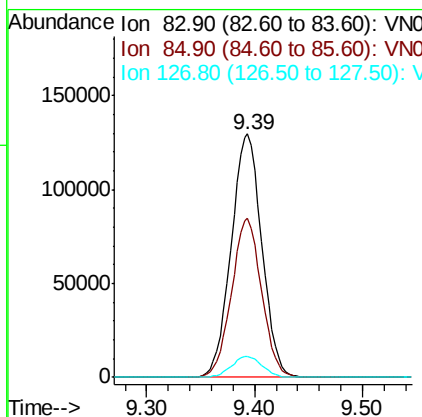
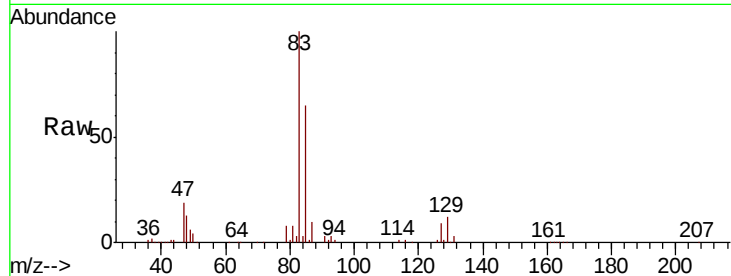
#47
Bromodichloromethane
Concen: 51.756 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	256190		
85	65.2		50.6	75.8
127	8.7		6.8	10.2

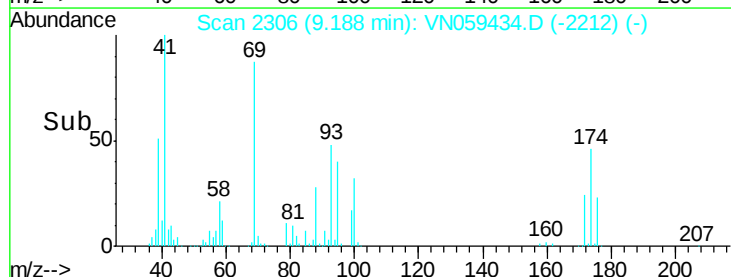
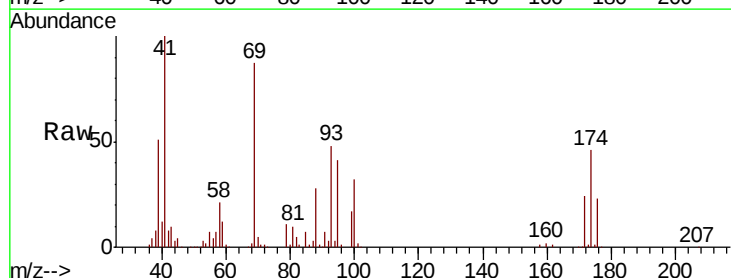
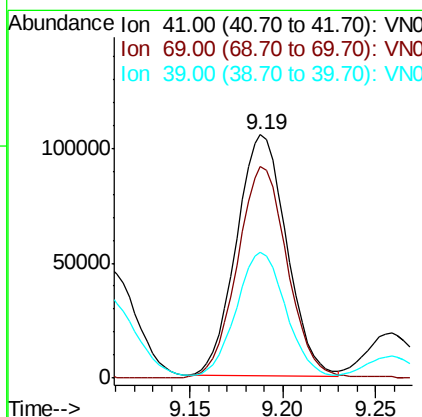
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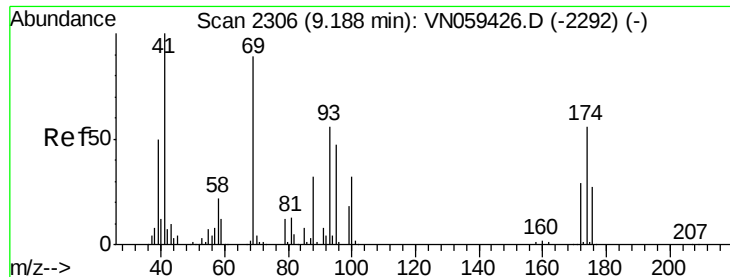
apatel
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#48
Methyl methacrylate
Concen: 54.298 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	197718		
69	88.2		71.6	107.4
39	52.0		41.3	61.9





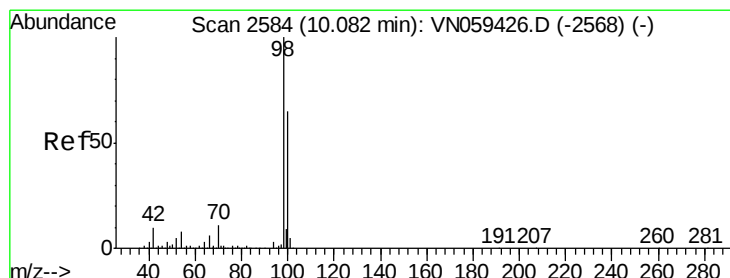
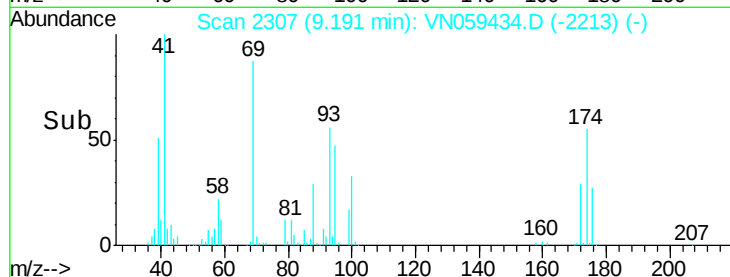
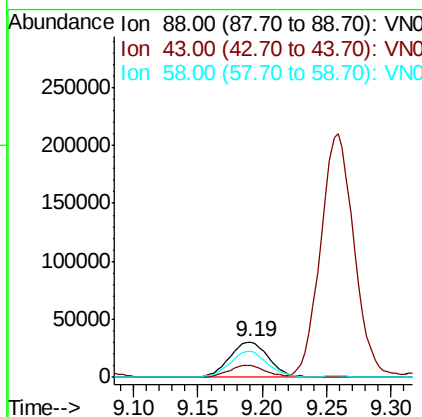
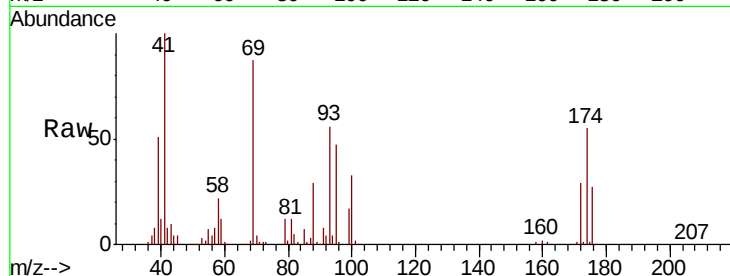
#49
1,4-Dioxane
Concen: 1203.064 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	23.7	35.5
58	71.4	56.3	84.5

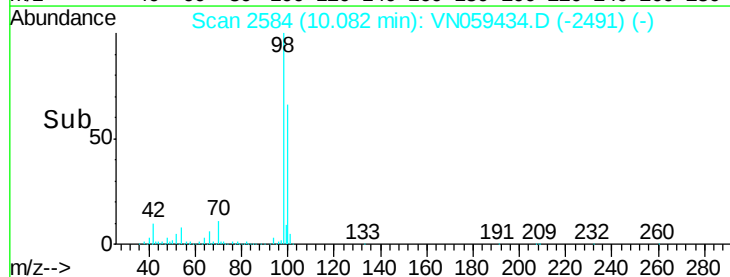
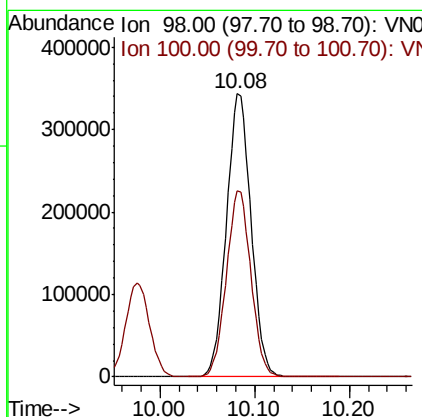
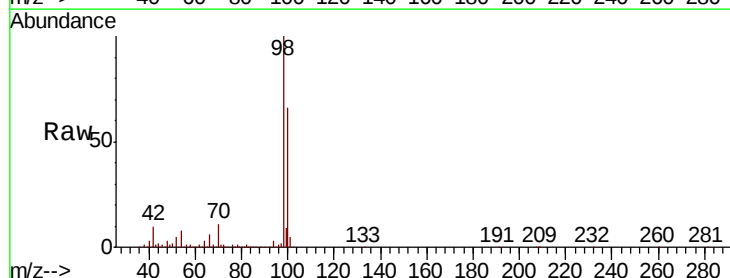
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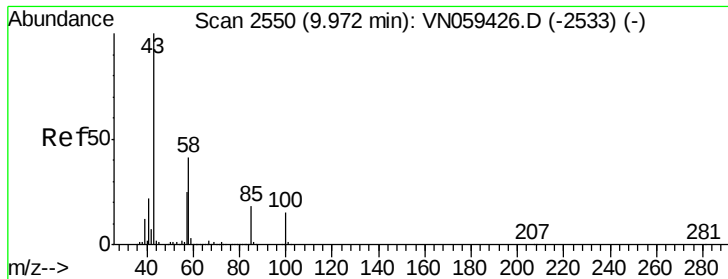
apatel
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#50
Toluene-d8
Concen: 48.220 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 284.742 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 135571

Ion Ratio Lower Upper

43 100

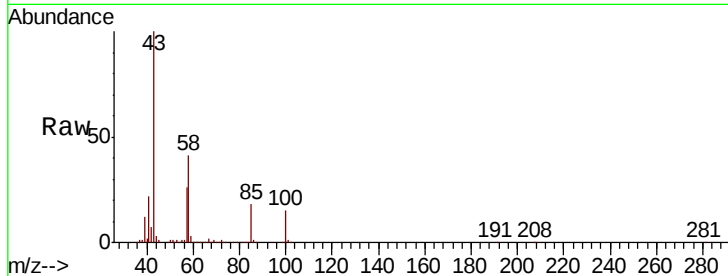
58 40.7 32.5 48.7

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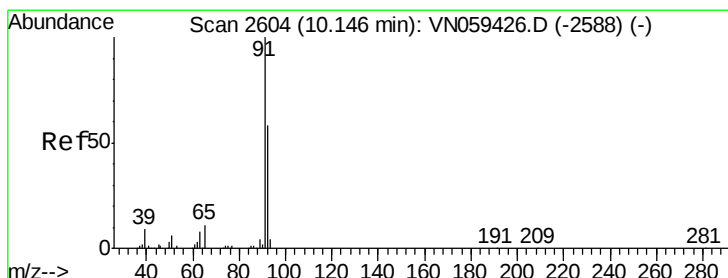
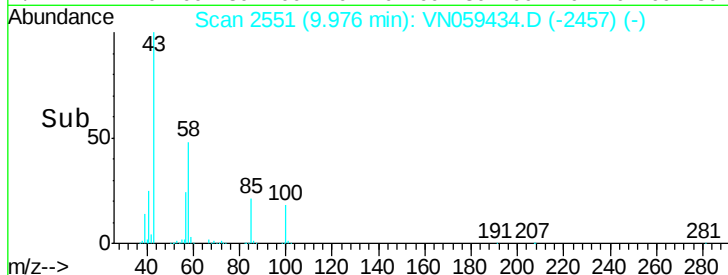
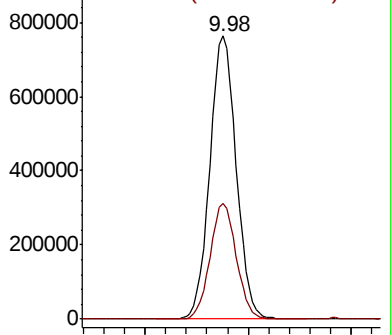
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.914 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN059434.D

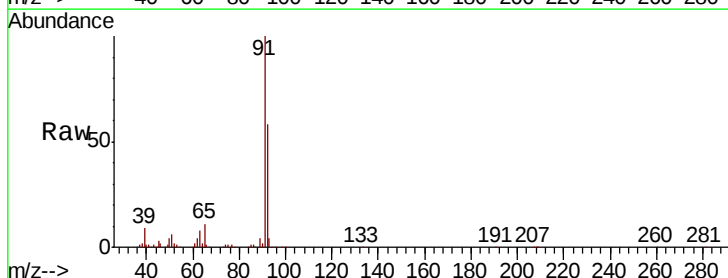
Acq: 27 Nov 2019 20:15

Tgt Ion: 92 Resp: 470238

Ion Ratio Lower Upper

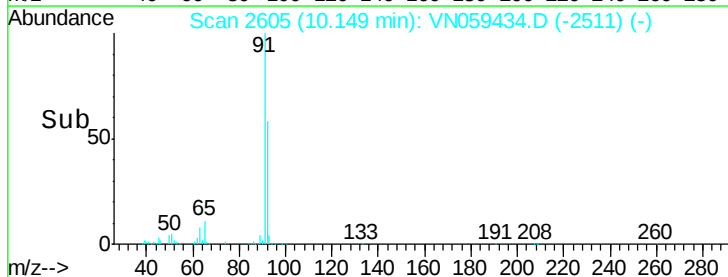
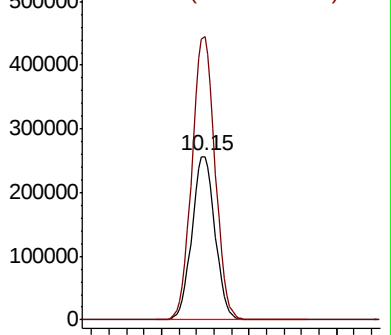
92 100

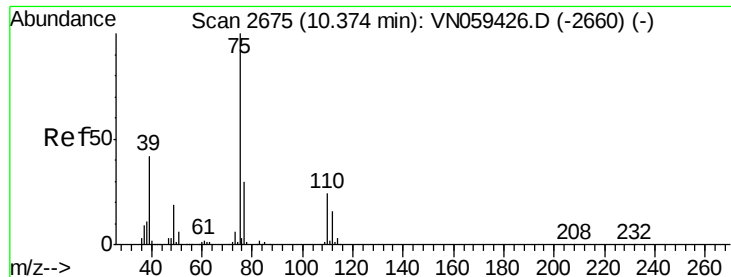
91 173.4 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 52.419 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 298147

Ion Ratio Lower Upper

75 100

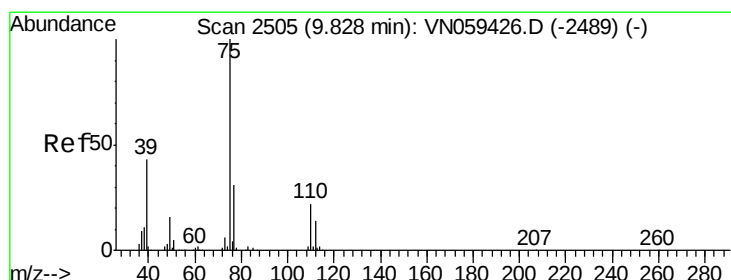
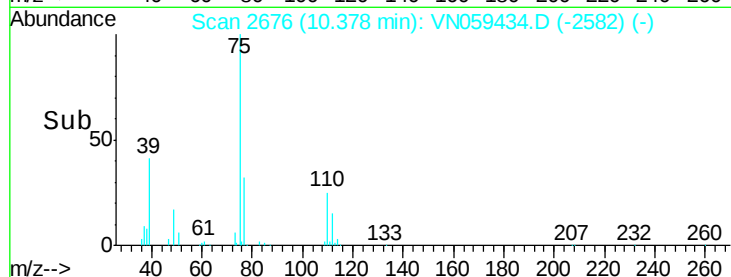
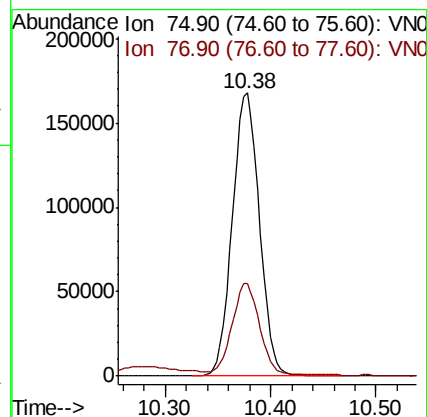
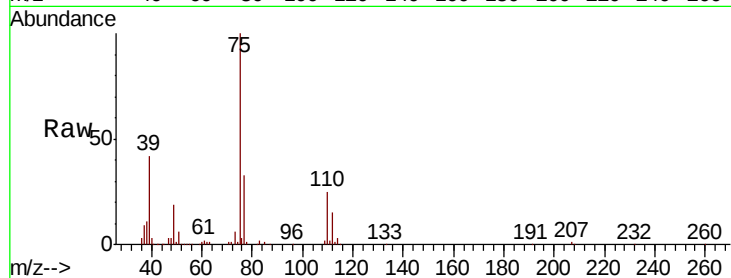
77 32.2 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 52.893 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

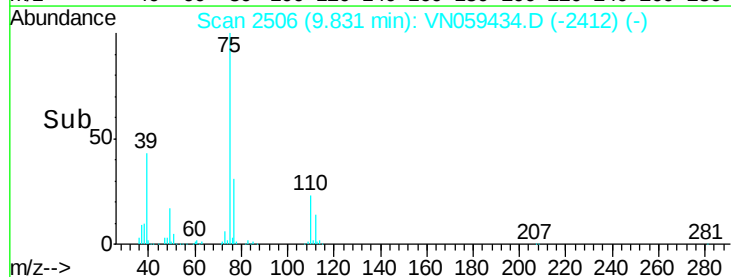
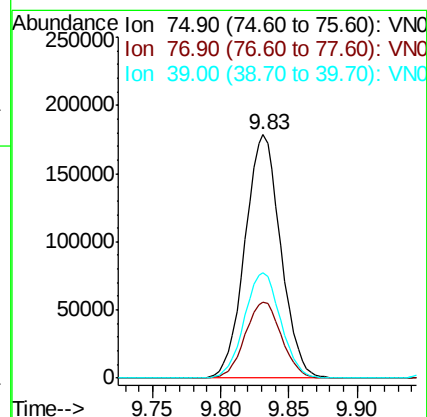
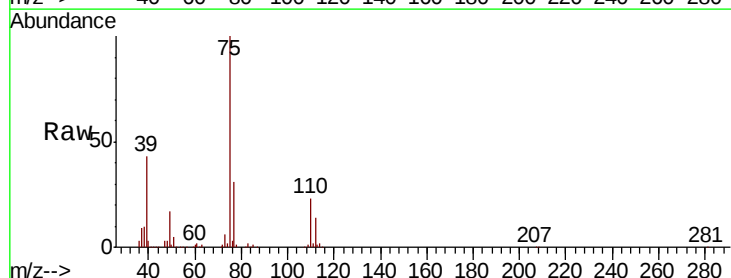
Tgt Ion: 75 Resp: 324761

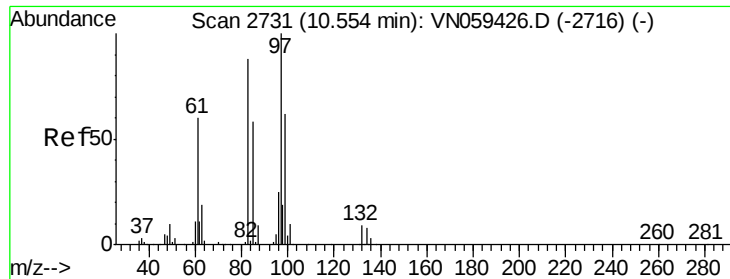
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 43.3 34.0 51.0





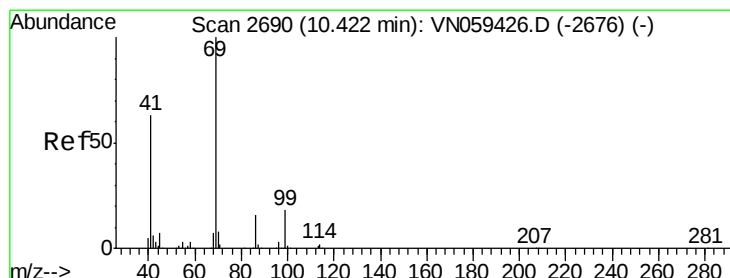
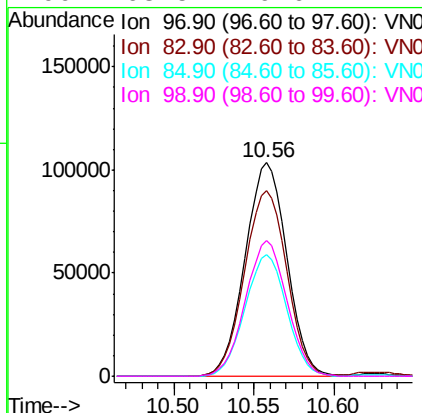
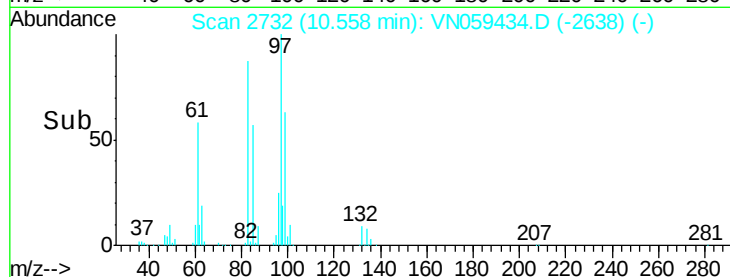
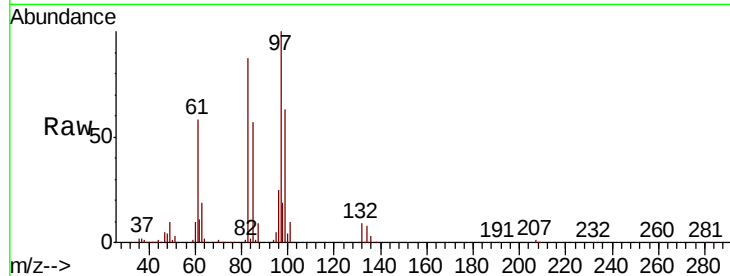
#55
 1,1,2-Trichloroethane
 Concen: 52.168 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	184956
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.7	106.1
85	57.0	46.4	69.6
99	63.5	49.6	74.4

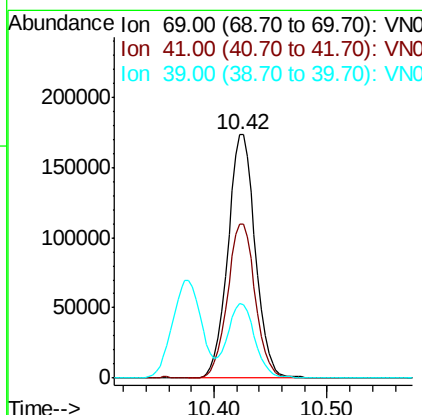
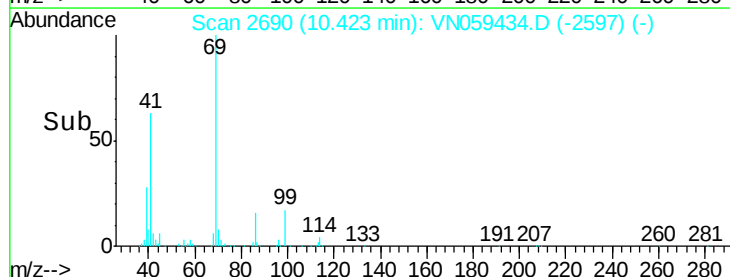
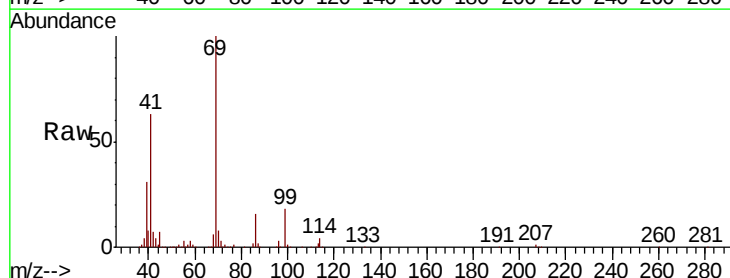
Manual Integrations
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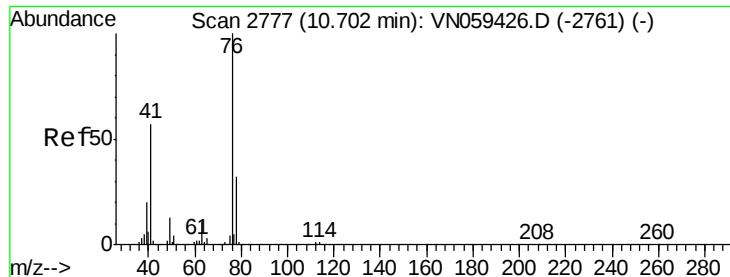
apatel
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#56
 Ethyl methacrylate
 Concen: 57.484 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion:	69	Resp:	291409
Ion	Ratio	Lower	Upper
69	100		
41	63.5	50.1	75.1
39	30.9	23.9	35.9





#57

1,3-Dichloropropane

Concen: 52.332 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 320678

Ion Ratio Lower Upper

76 100

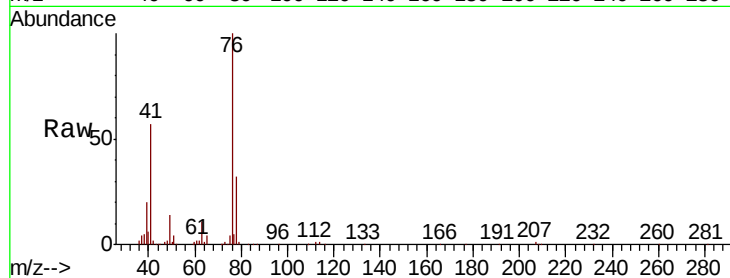
78 32.3 25.5 38.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

200000

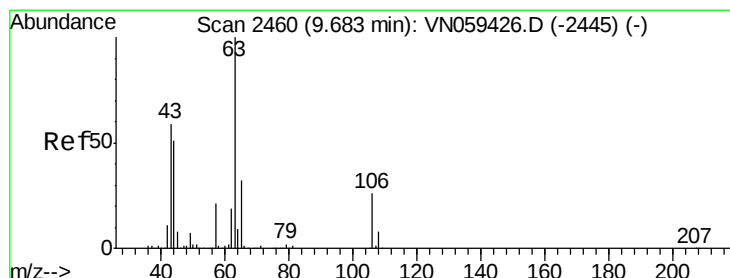
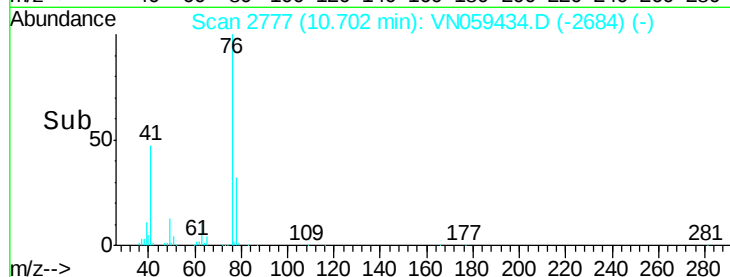
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 369.452 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059434.D

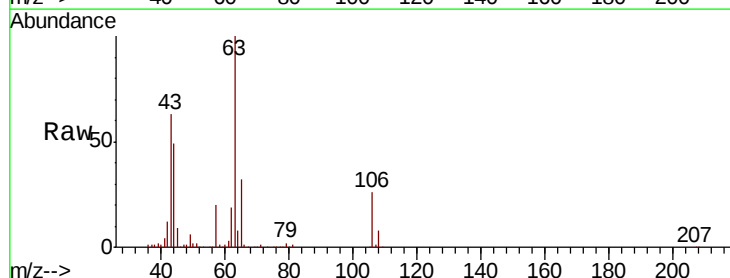
Acq: 27 Nov 2019 20:15

Tgt Ion: 63 Resp: 561235

Ion Ratio Lower Upper

63 100

106 26.1 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

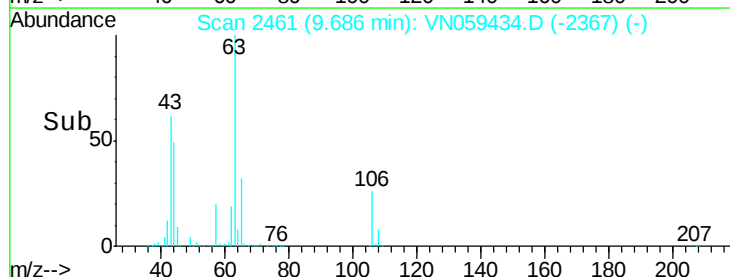
300000

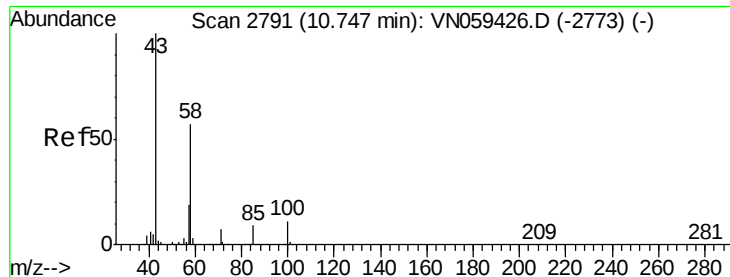
200000

100000

0

Time-->





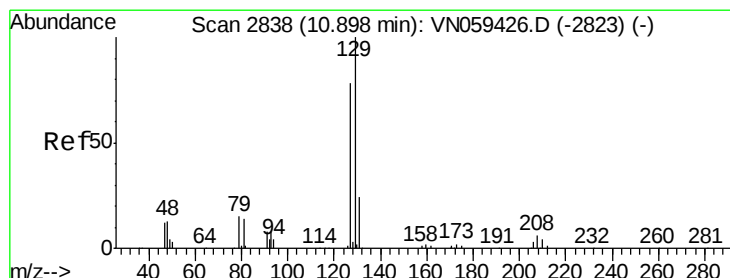
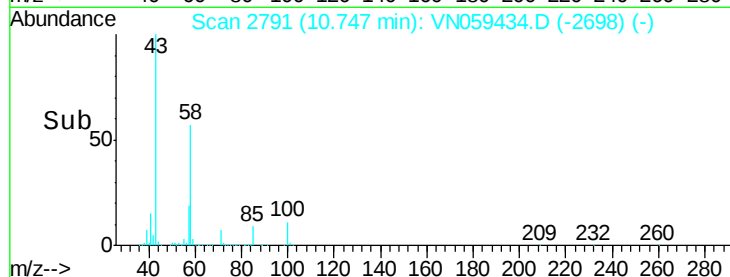
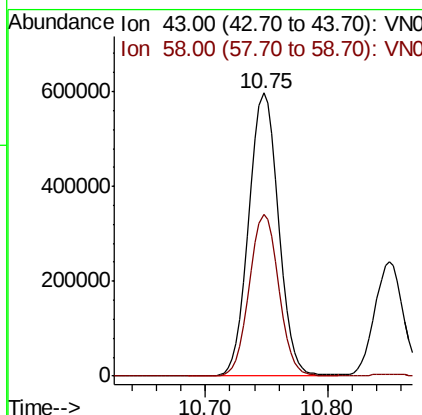
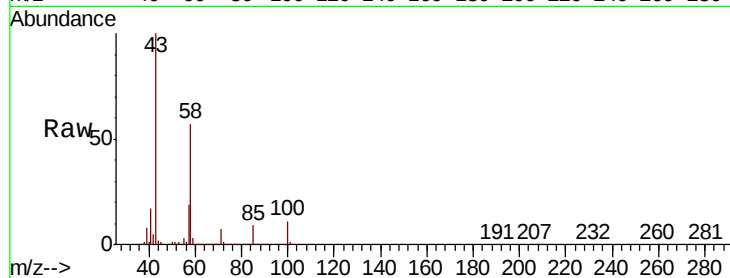
#59
2-Hexanone
Concen: 283.316 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1000150
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0

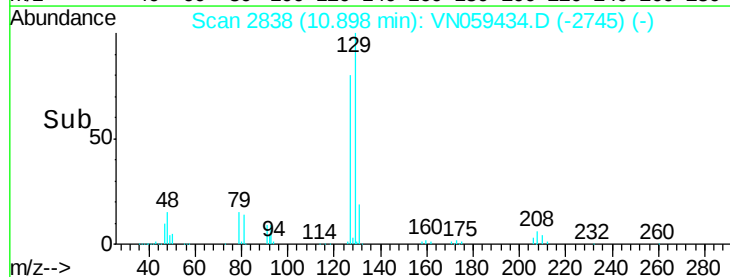
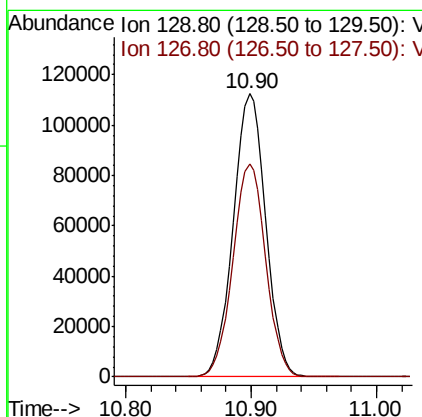
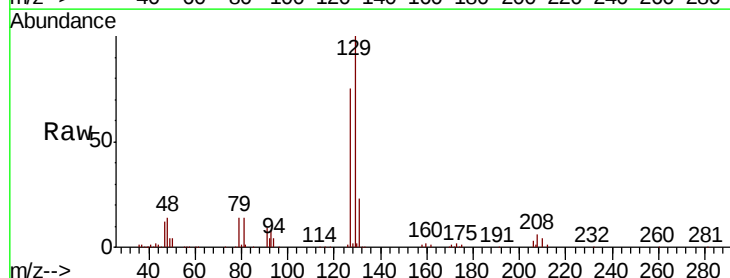
Manual Integrations
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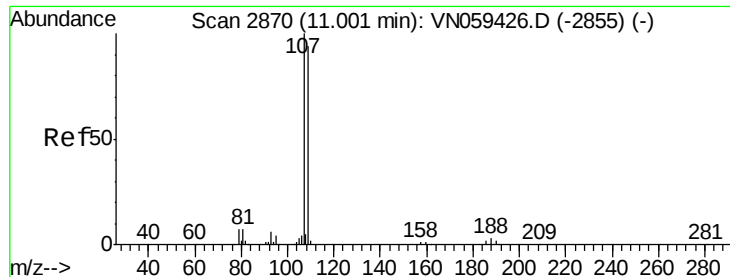
apatel
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#60
Dibromochloromethane
Concen: 54.713 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 129 Resp: 202484
Ion Ratio Lower Upper
129 100
127 75.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 53.148 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 193092

Ion Ratio Lower Upper

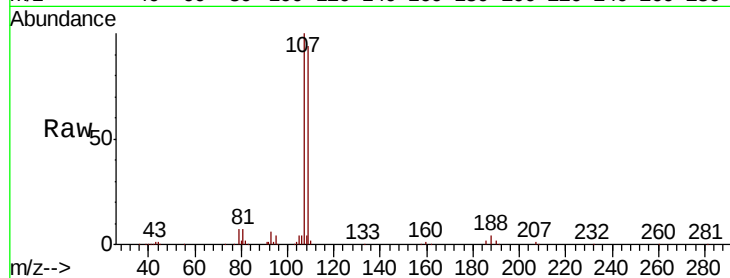
107 100

109 93.9 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

120000

100000

80000

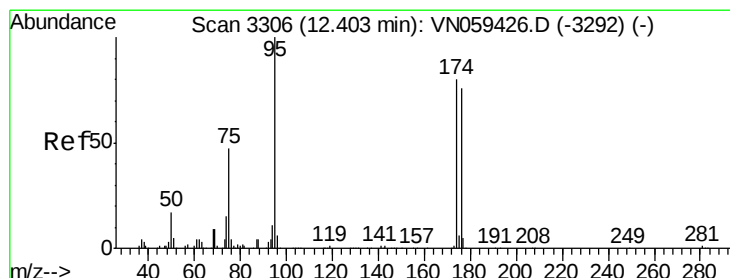
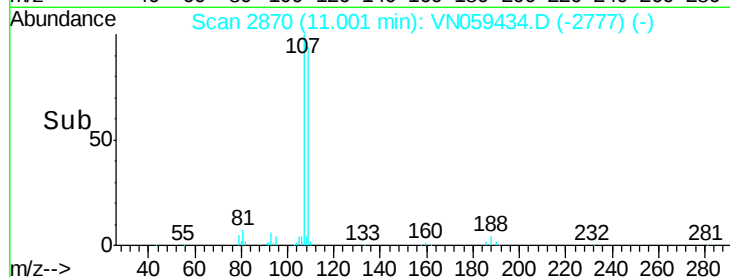
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 49.525 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

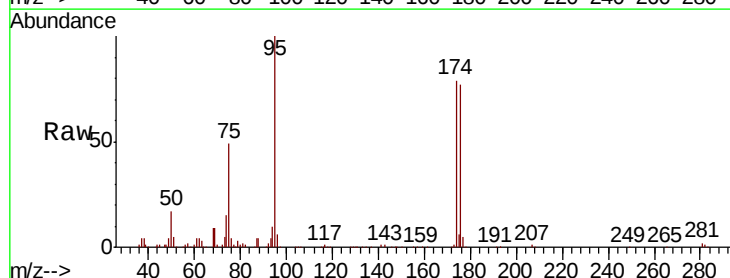
Tgt Ion: 95 Resp: 222235

Ion Ratio Lower Upper

95 100

174 79.0 0.0 158.0

176 77.2 0.0 153.0



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

12.40

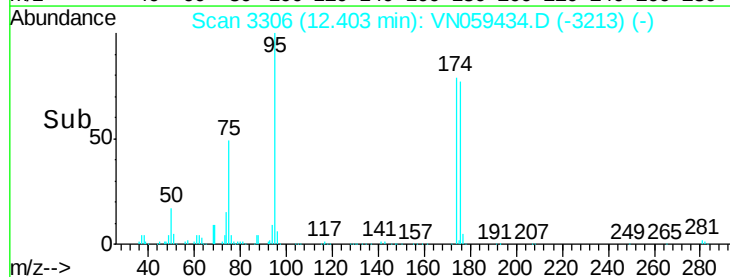
150000

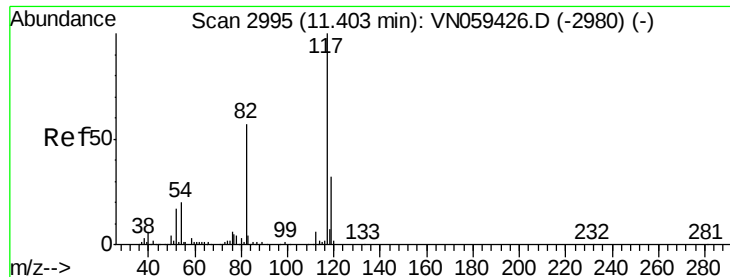
100000

50000

0

Time--> 12.35 12.40 12.45





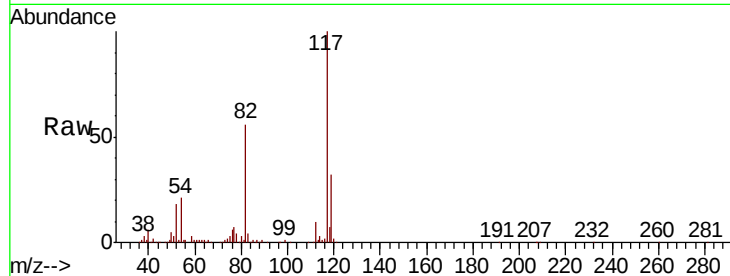
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.4	68.0
119	31.7	25.6	38.4

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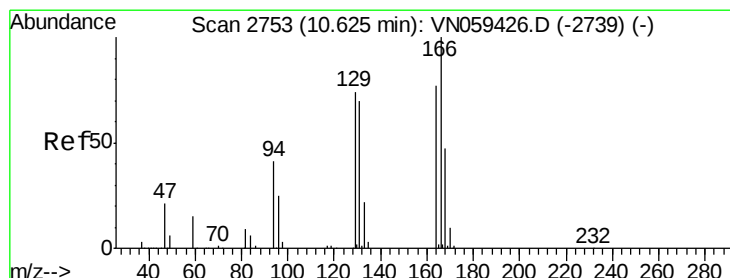
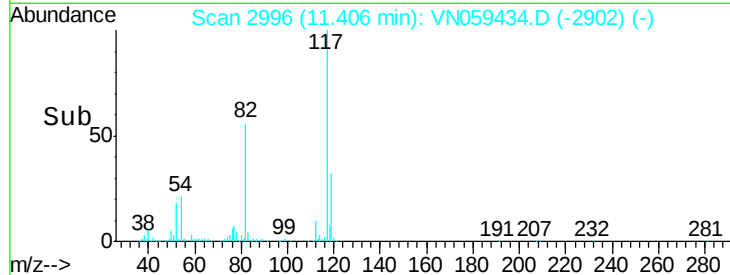
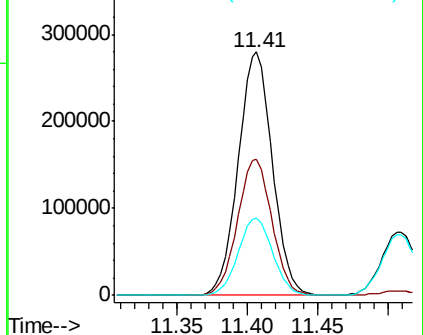


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.786 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	104.2	156.4
129	94.5	76.8	115.2
131	92.8	73.0	109.6

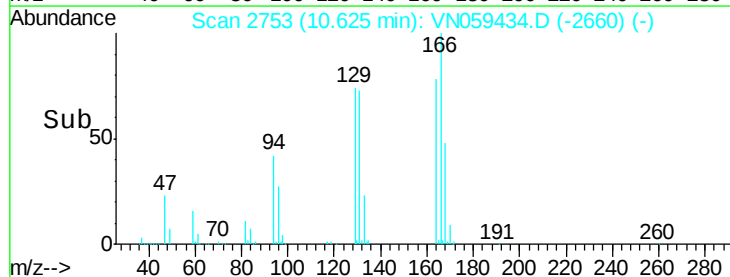
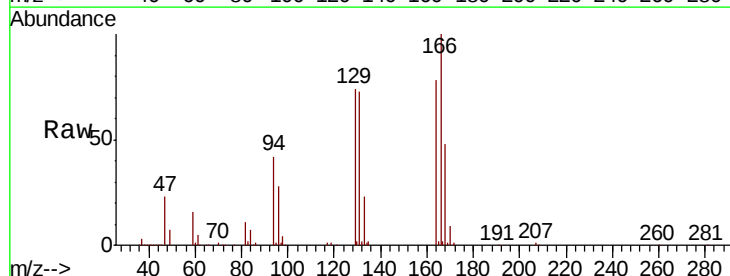
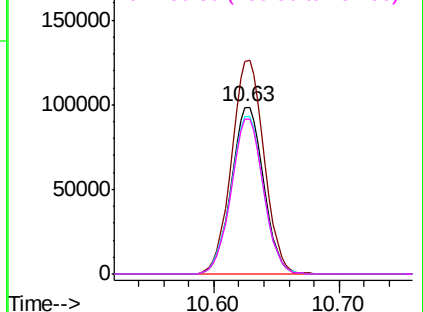
Abundance

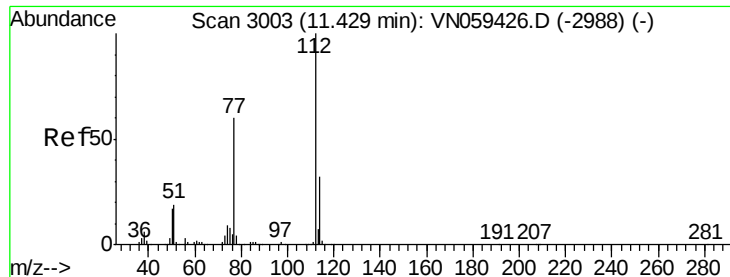
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.930 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 490482

Ion Ratio Lower Upper

112 100

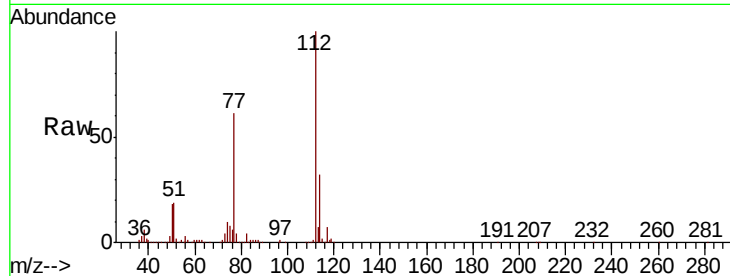
114 31.6 25.4 38.2

Manual Integrations

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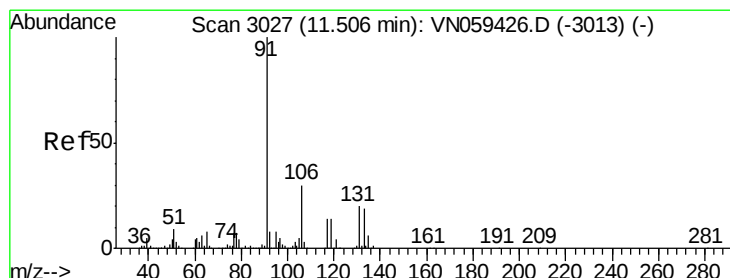
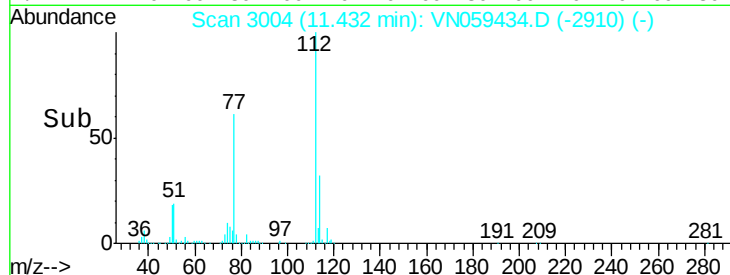
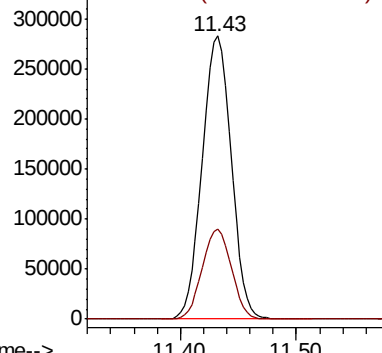
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.861 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

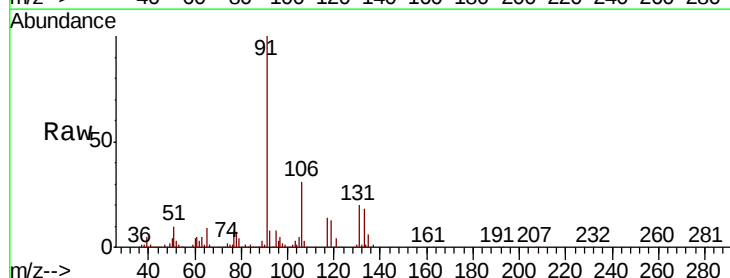
Tgt Ion:131 Resp: 184613

Ion Ratio Lower Upper

131 100

133 94.9 48.2 144.6

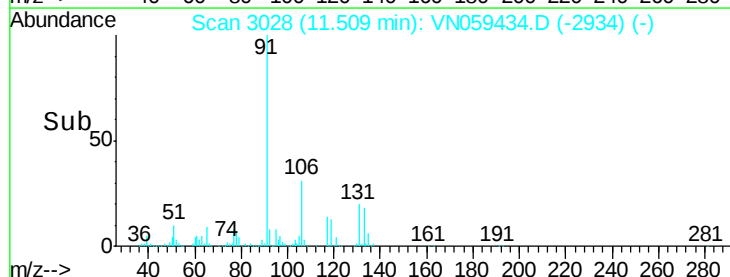
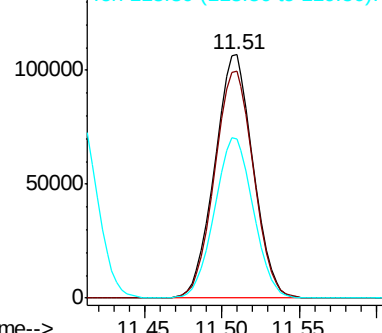
119 66.6 33.8 101.3

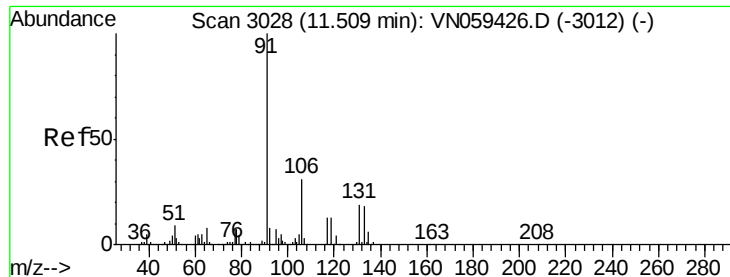


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





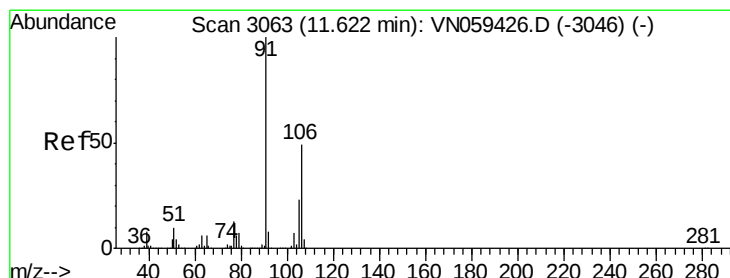
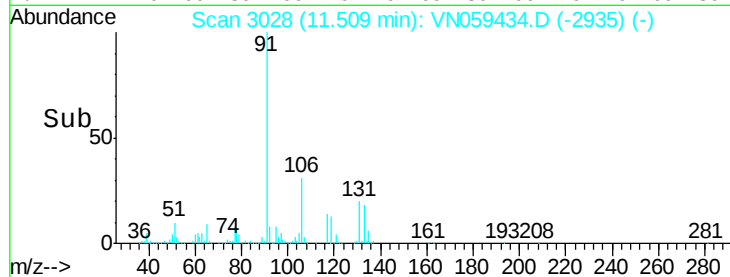
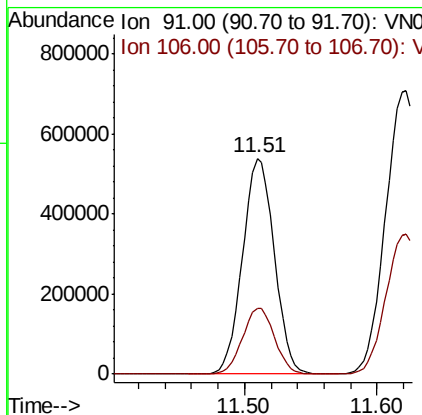
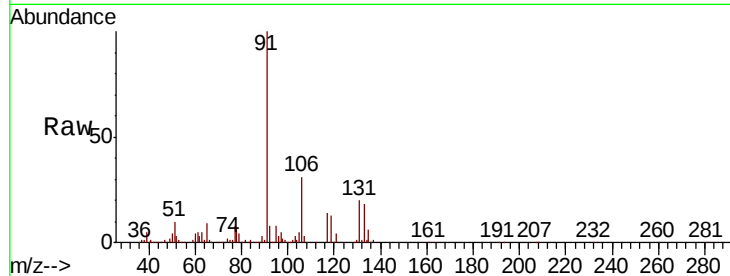
#67
Ethyl Benzene
Concen: 53.023 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 896921
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1

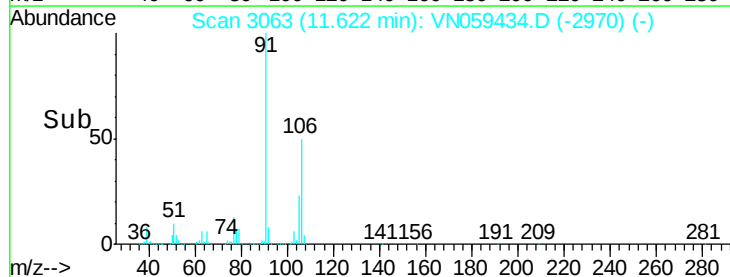
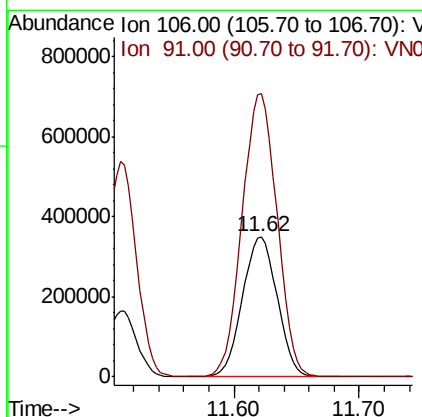
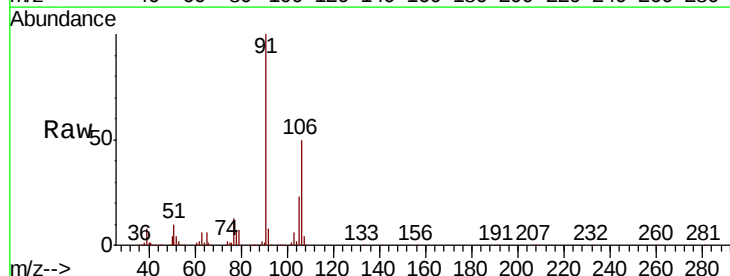
Manual Integrations
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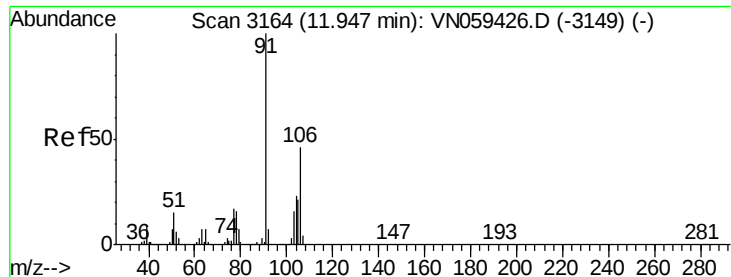
apatel
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#68
m/p-Xylenes
Concen: 106.344 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion: 106 Resp: 671630
Ion Ratio Lower Upper
106 100
91 204.3 163.7 245.5





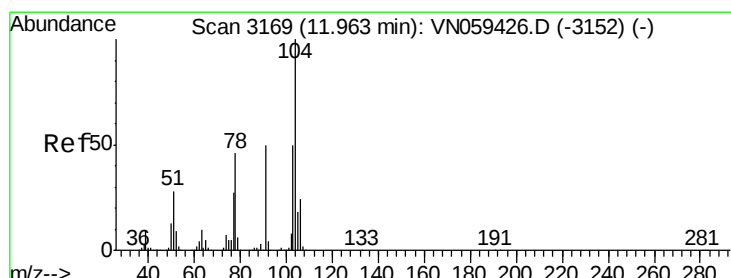
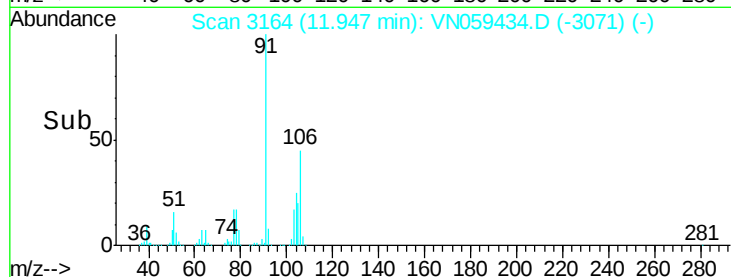
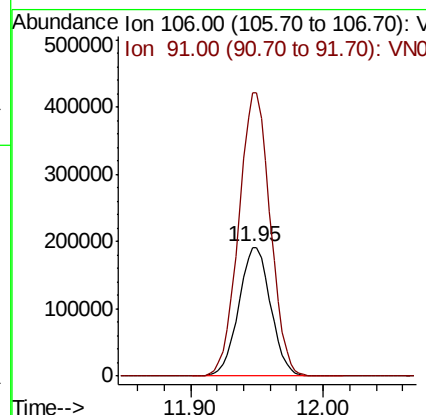
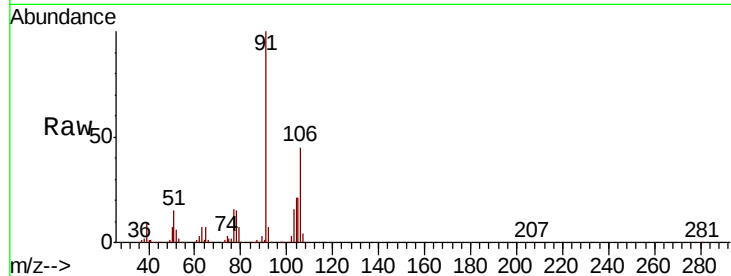
#69
o-Xylene
Concen: 52.697 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	218.1	107.5	322.4	

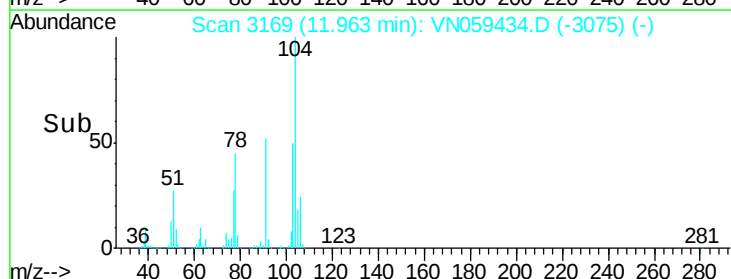
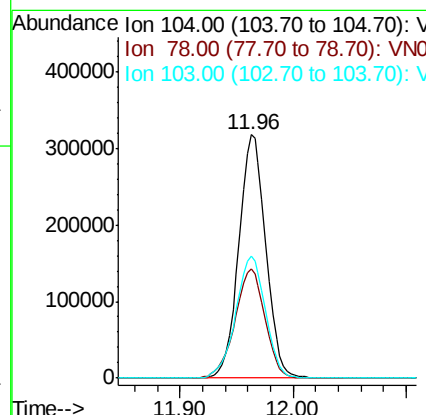
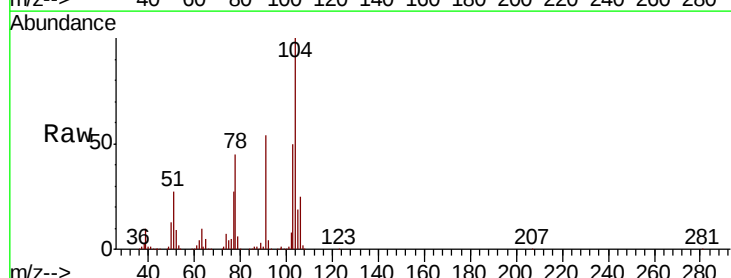
Manual Integrations
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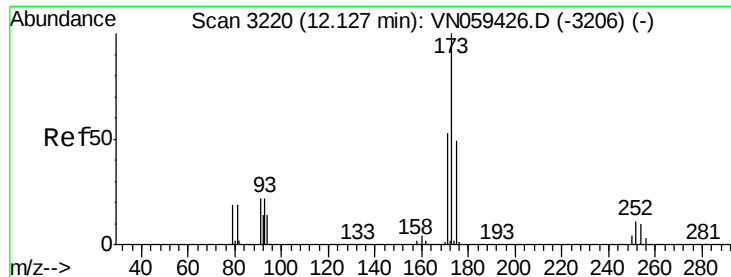
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#70
Styrene
Concen: 57.294 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.7	40.4	60.6	
103	55.1	43.8	65.6	





#71

Bromoform

Concen: 54.393 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

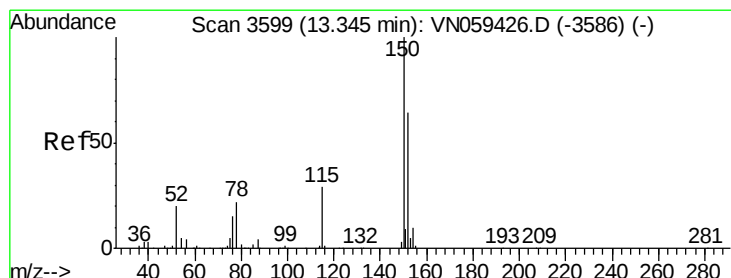
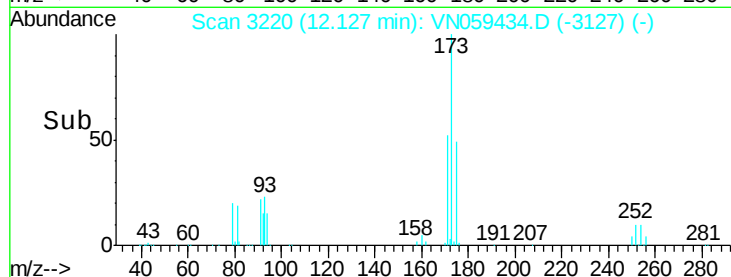
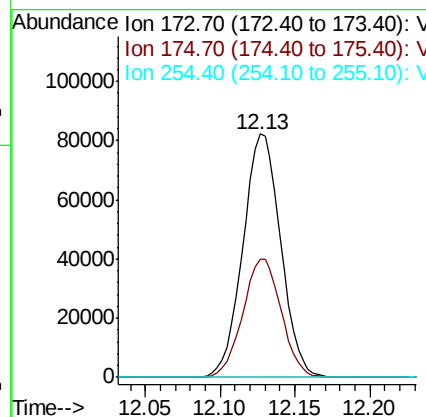
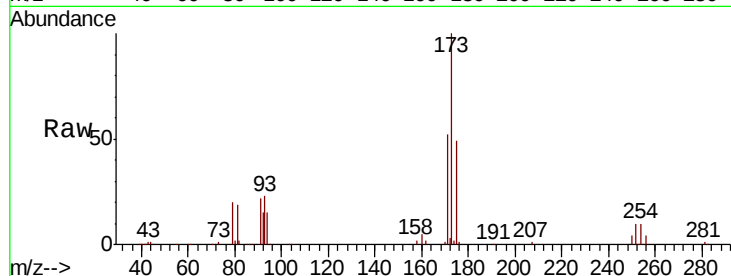
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.1	72.3
254	0.1	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

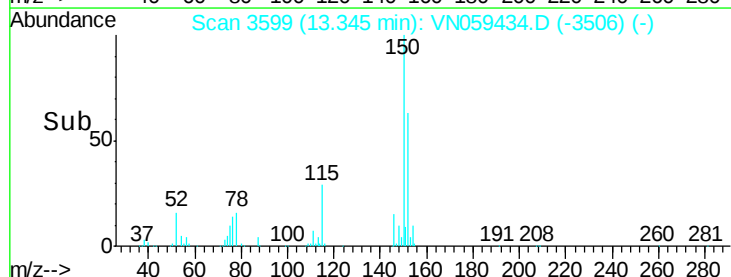
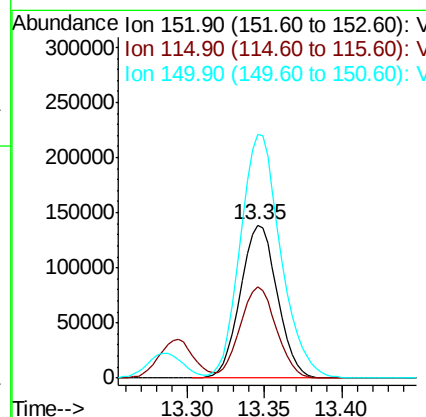
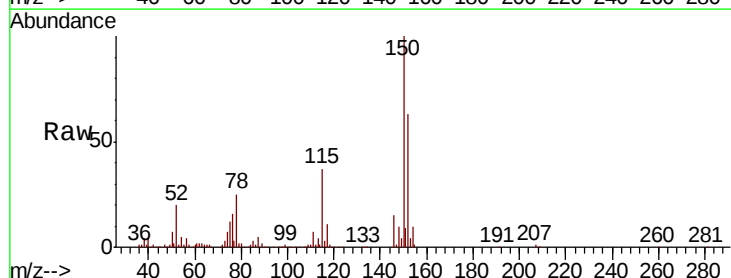
RT: 13.35 min Scan# 3599

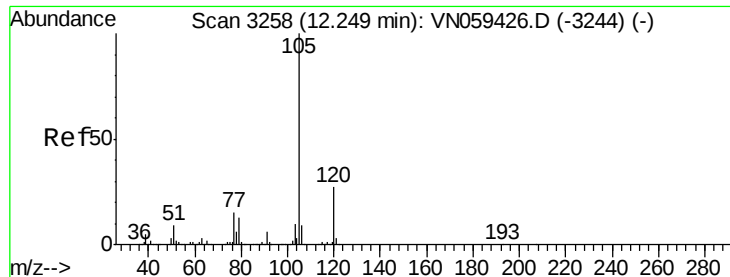
Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.5	88.6
150	173.8	0.0	347.2





#73

Isopropylbenzene

Concen: 50.533 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 862229

Ion Ratio Lower Upper

105 100

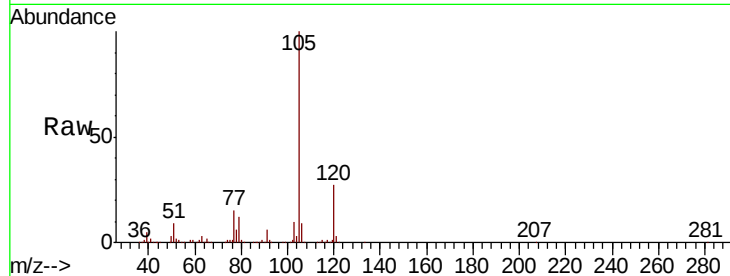
120 26.7 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

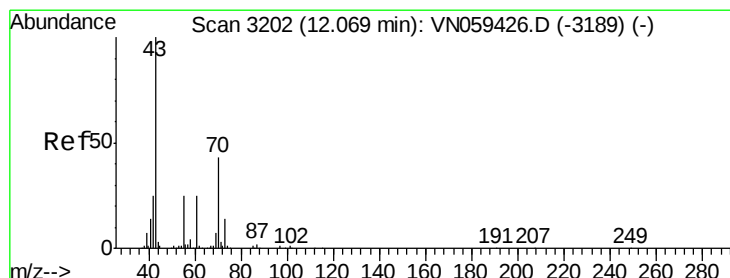
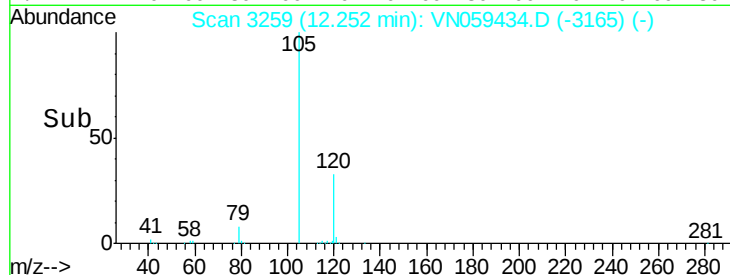
100000

0

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 58.315 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Tgt Ion: 43 Resp: 357923

Ion Ratio Lower Upper

43 100

70 43.6 34.6 52.0

55 25.9 20.5 30.7

61 25.2 20.2 30.4

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

300000

200000

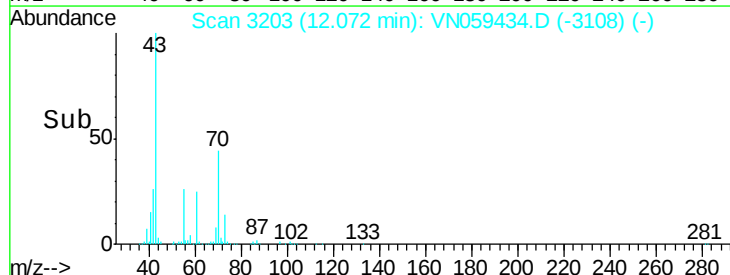
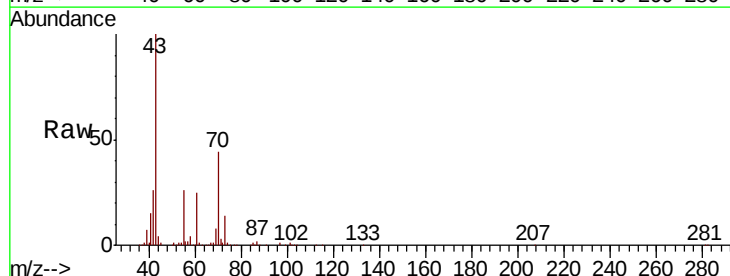
100000

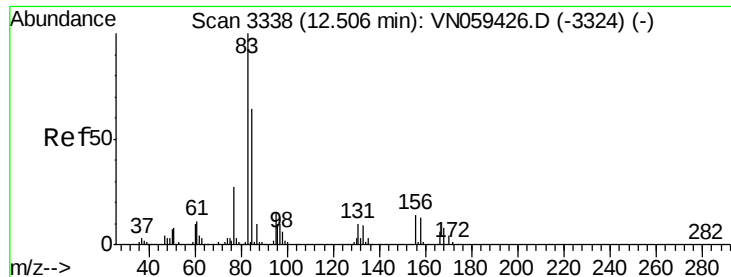
0

12.07

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.319 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

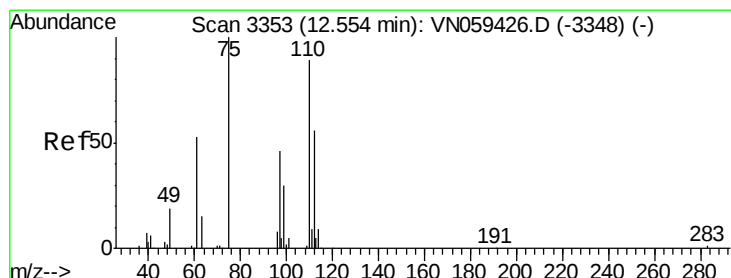
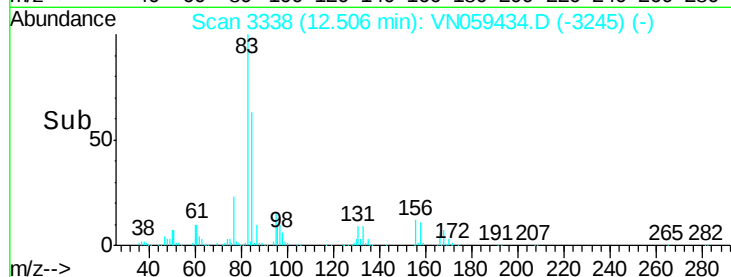
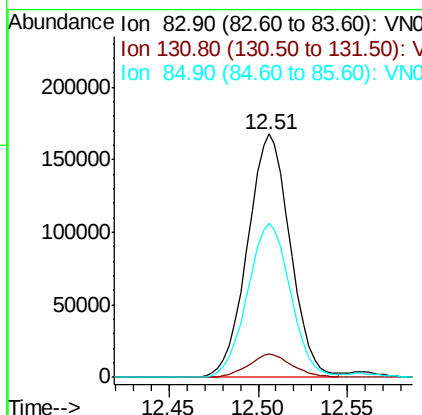
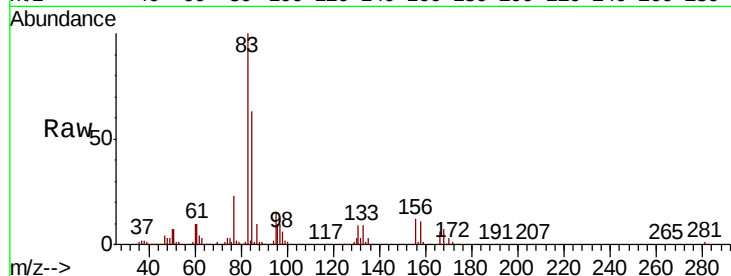
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	279991
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	64.0	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 49.737 ug/l m

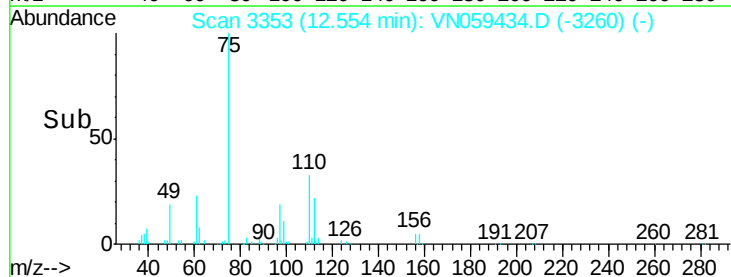
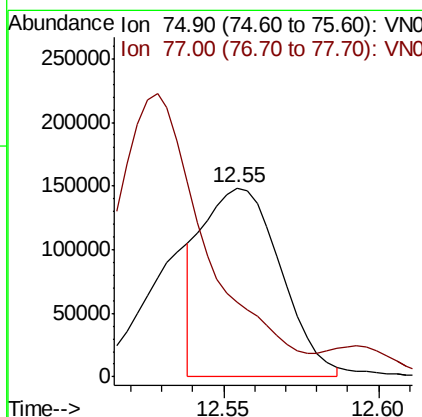
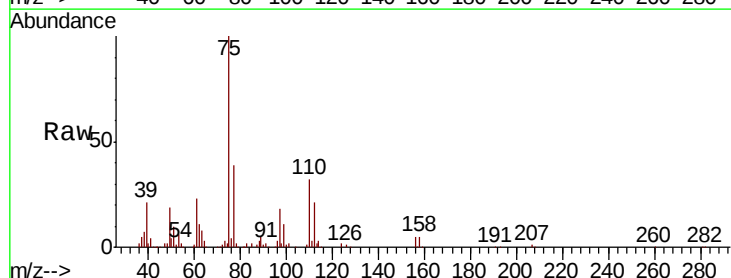
RT: 12.55 min Scan# 3353

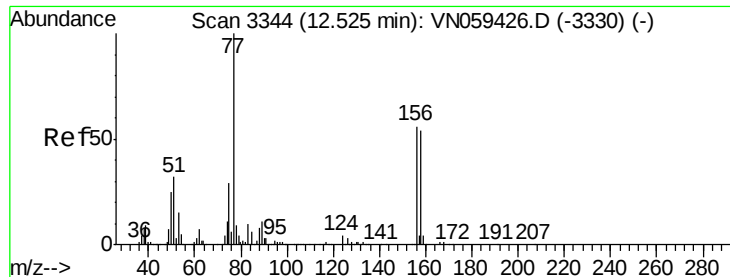
Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Tgt Ion:	75	Resp:	259160
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.773 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

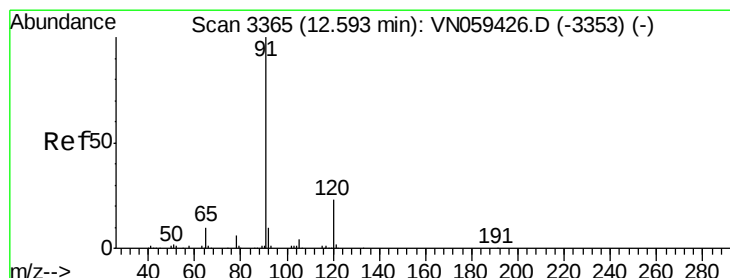
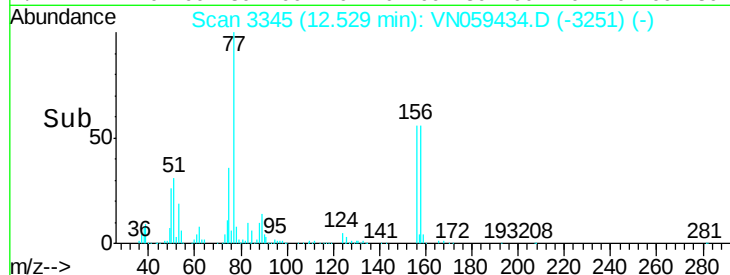
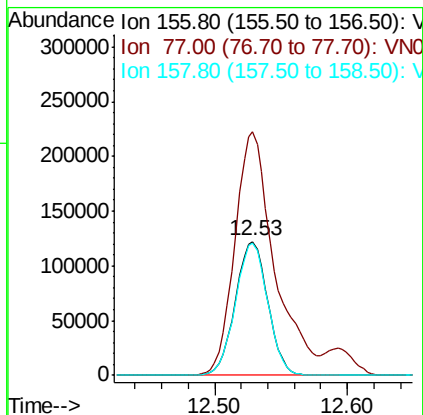
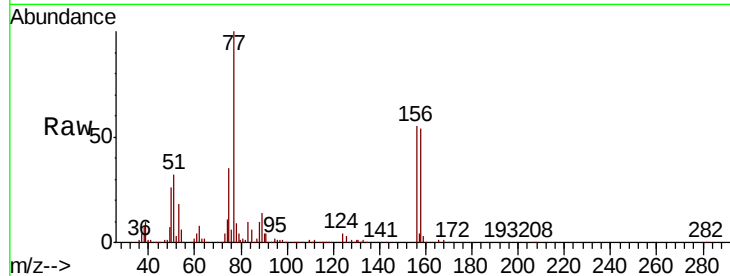
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	220.9	108.7	326.3	
158	98.5	48.3	144.9	

Manual Integrations
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#78

n-propylbenzene

Concen: 51.272 ug/l

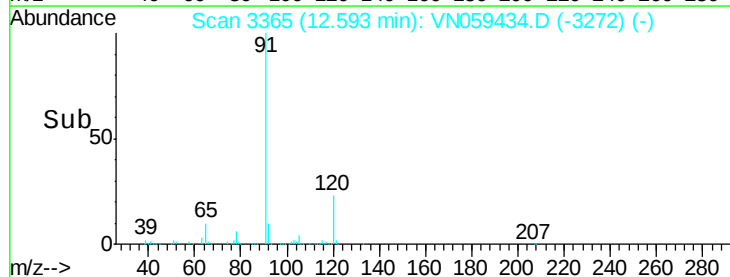
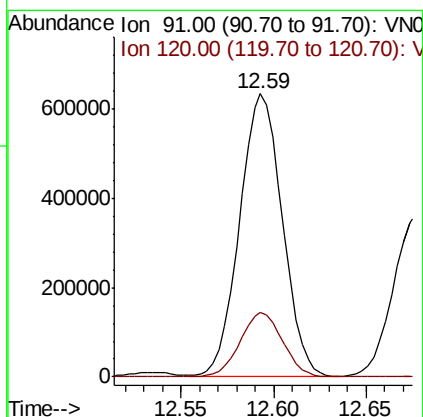
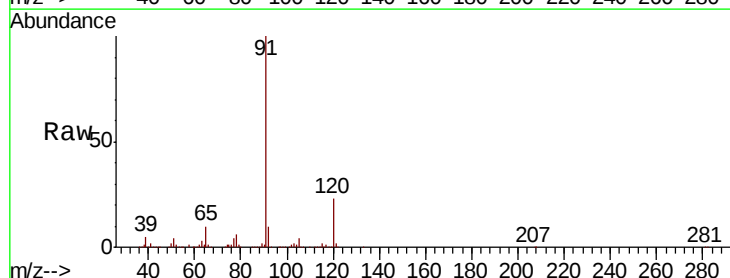
RT: 12.59 min Scan# 3365

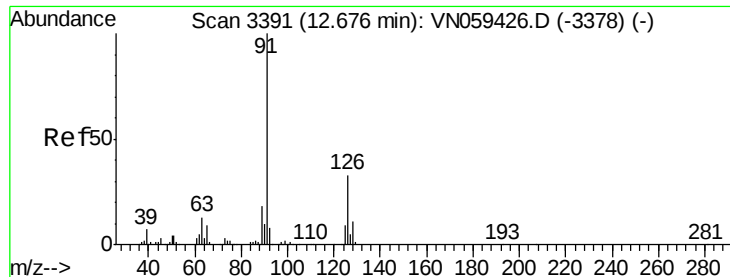
Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.7	11.5	34.4	





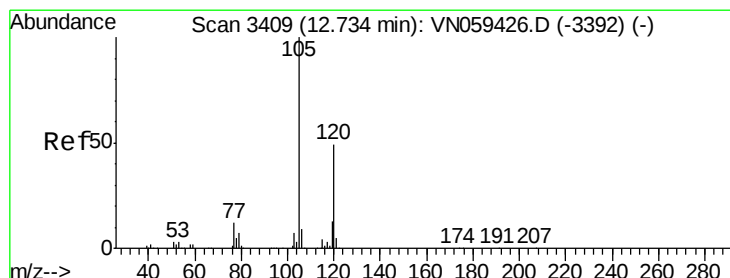
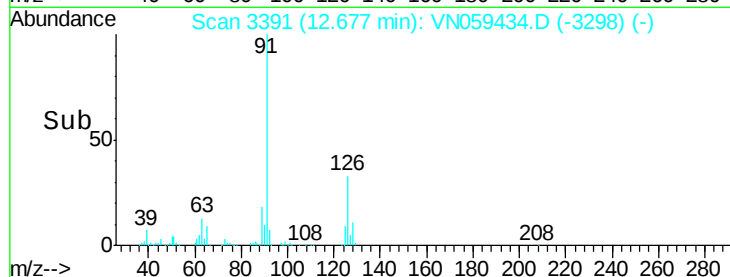
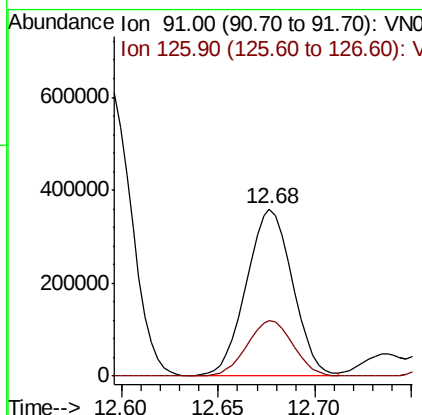
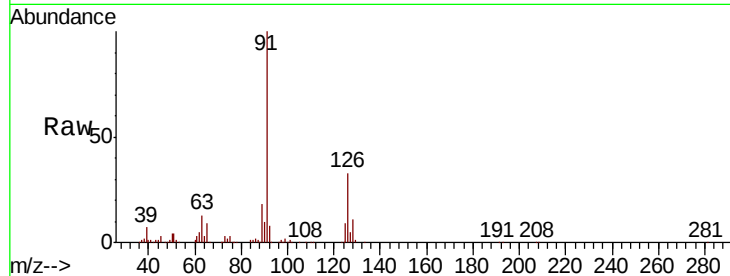
#79
 2-Chlorotoluene
 Concen: 50.539 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 91 Resp: 594109
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.7 50.1

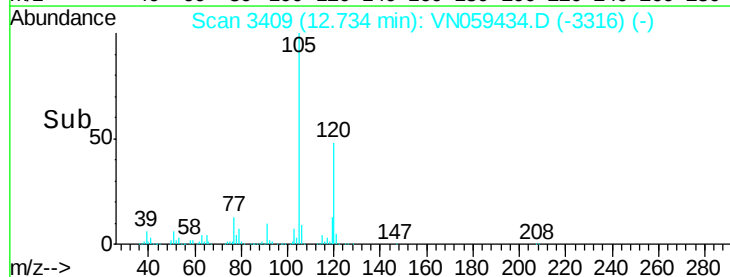
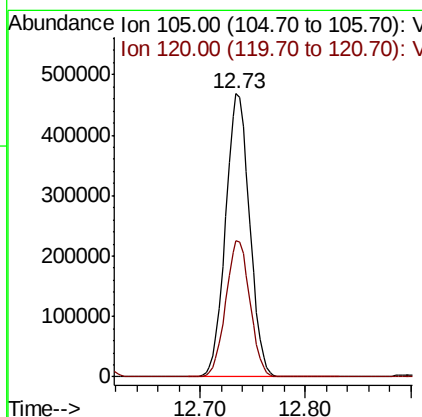
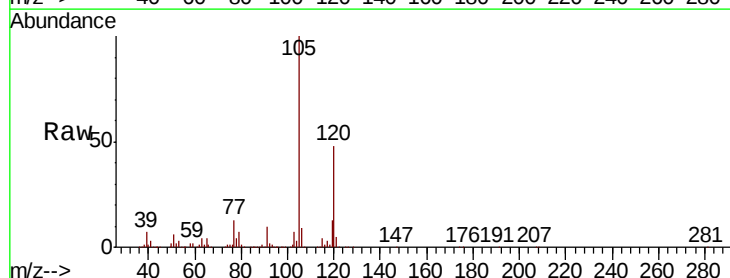
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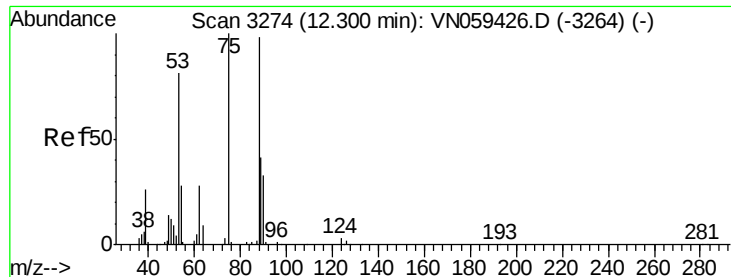
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.415 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion: 105 Resp: 737432
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.042 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

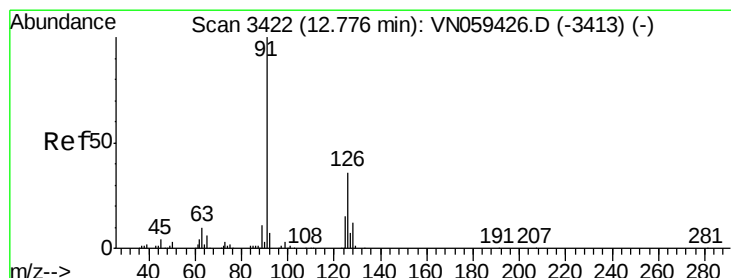
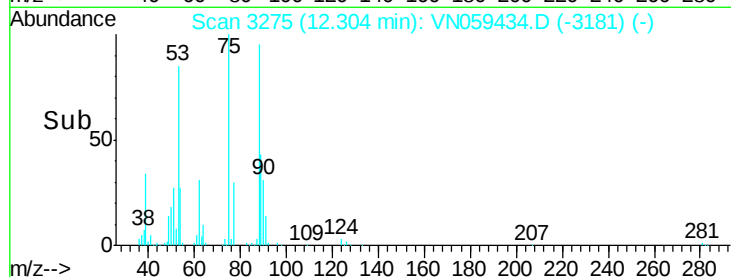
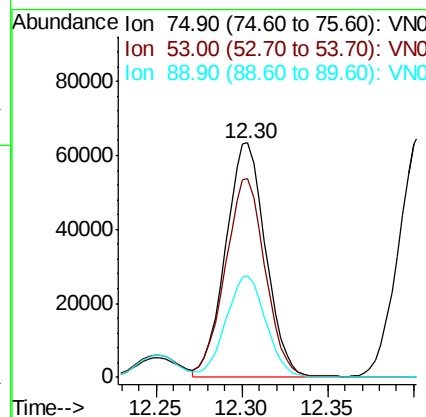
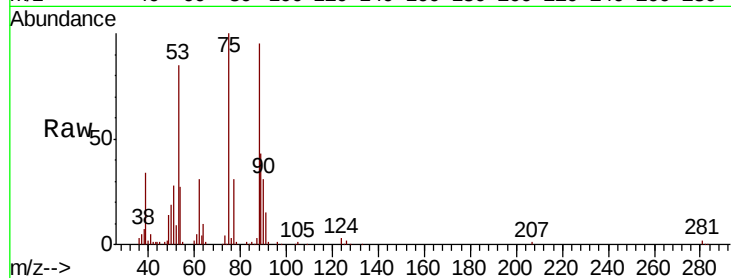
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	103507
Ion Ratio	Lower	Upper	
75	100		
53	85.2	66.2	99.4
89	43.2	33.9	50.9

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#82

4-Chlorotoluene

Concen: 50.369 ug/l

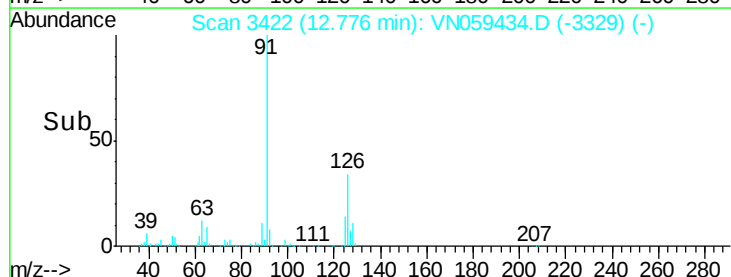
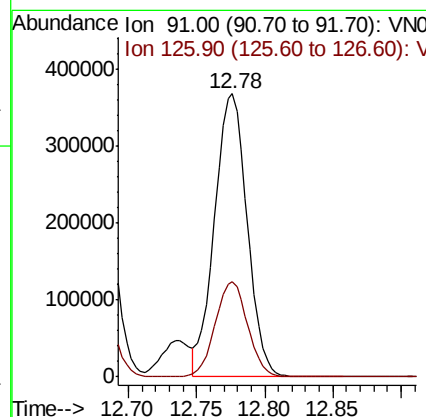
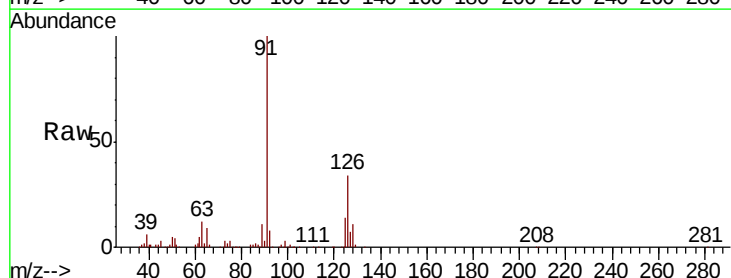
RT: 12.78 min Scan# 3422

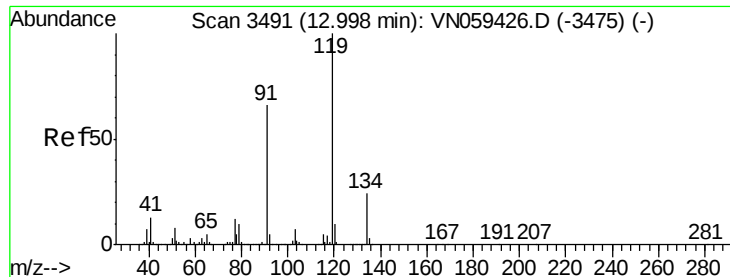
Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Tgt Ion:	91	Resp:	609212
Ion Ratio	Lower	Upper	
91	100		
126	33.4	16.7	50.0





#83

tert-Butylbenzene

Concen: 51.686 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

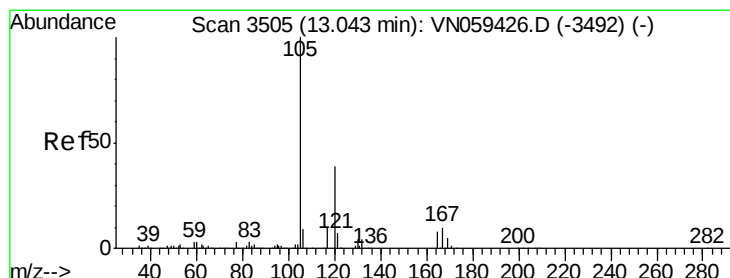
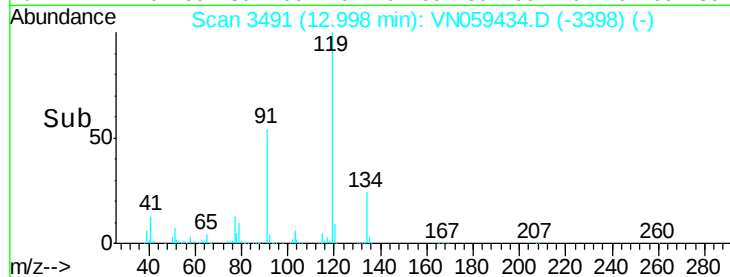
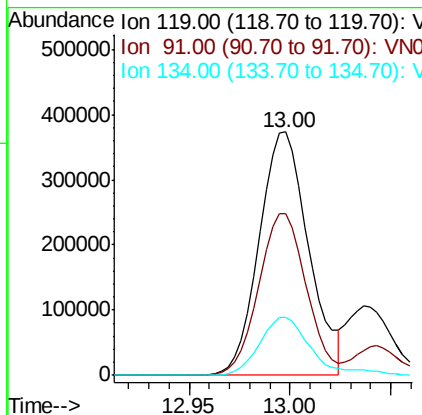
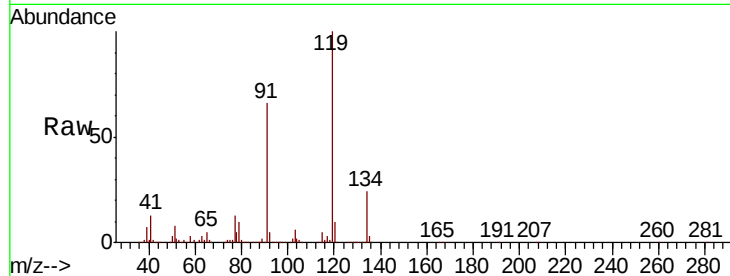
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	636546
Ion Ratio	Lower	Upper	
119	100		
91	64.1	32.8	98.4
134	25.0	12.9	38.6

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#84

1,2,4-Trimethylbenzene

Concen: 52.131 ug/l

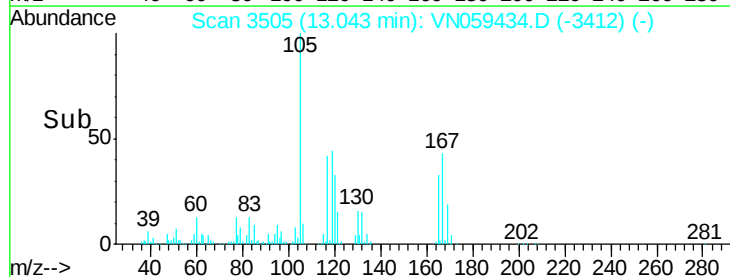
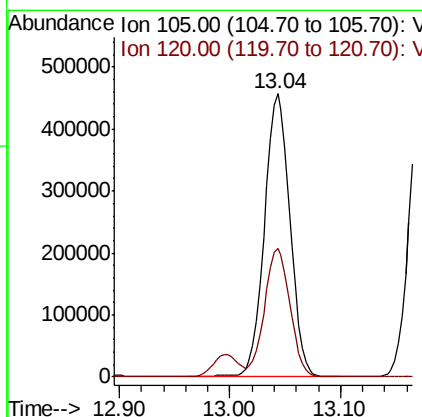
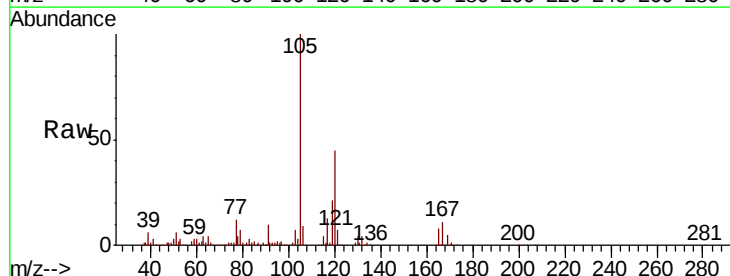
RT: 13.04 min Scan# 3505

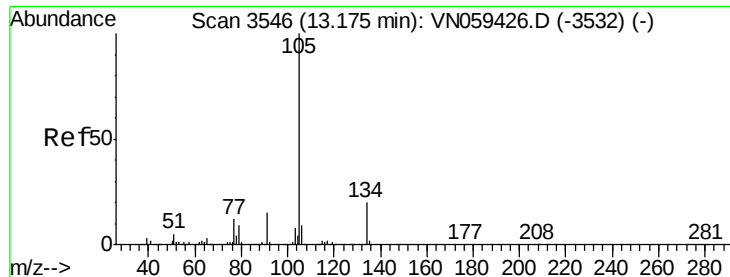
Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Tgt Ion:	105	Resp:	732457
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.9	68.7





#85

sec-Butylbenzene

Concen: 51.514 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 842502

Ion Ratio Lower Upper

105 100

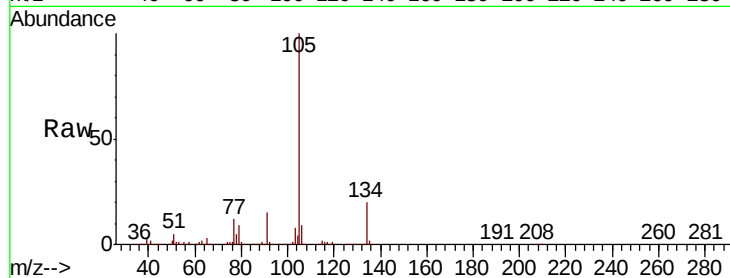
134 19.8 9.9 29.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

600000

500000

400000

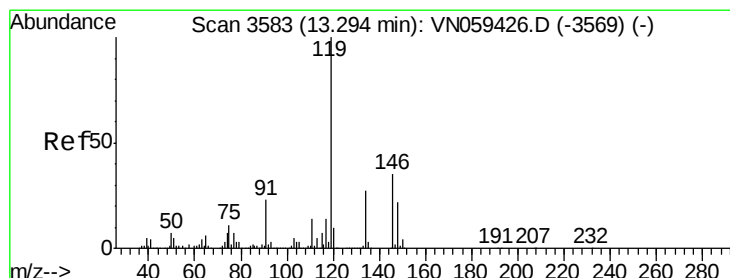
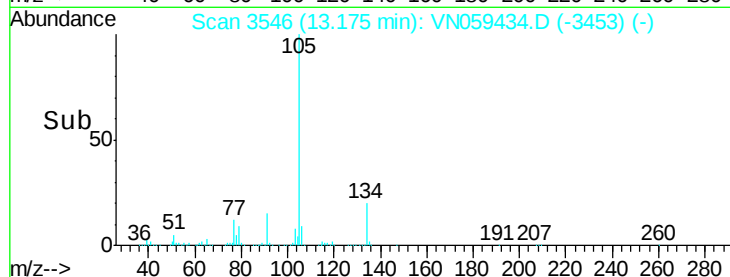
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.810 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059434.D

Acq: 27 Nov 2019 20:15

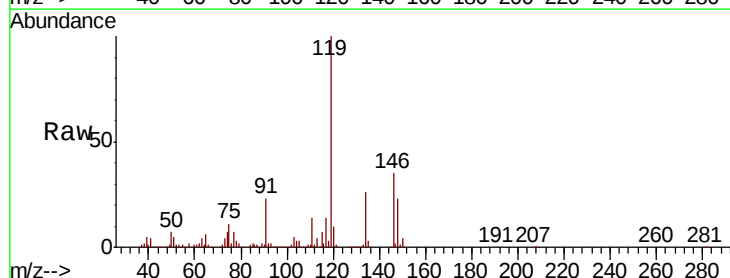
Tgt Ion:119 Resp: 766027

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.0 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

600000

500000

400000

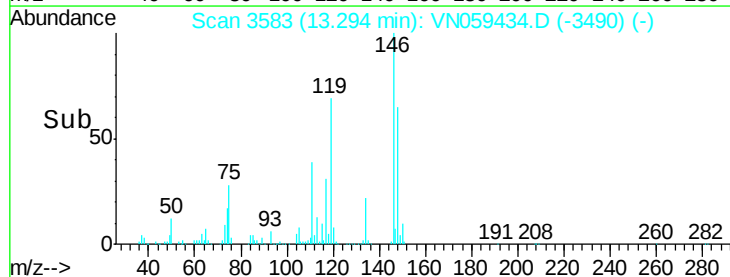
300000

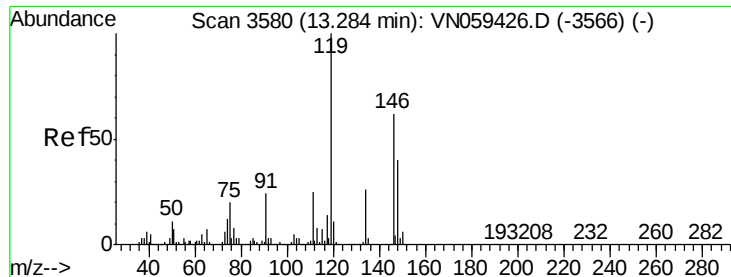
200000

100000

0

Time-->





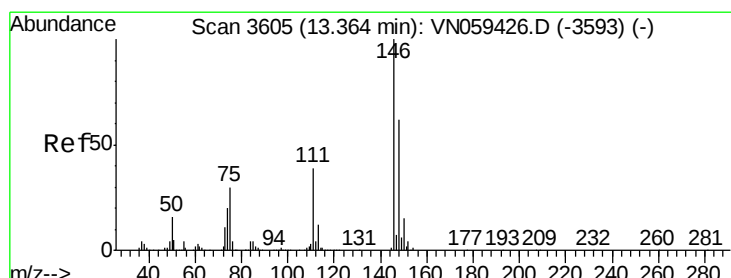
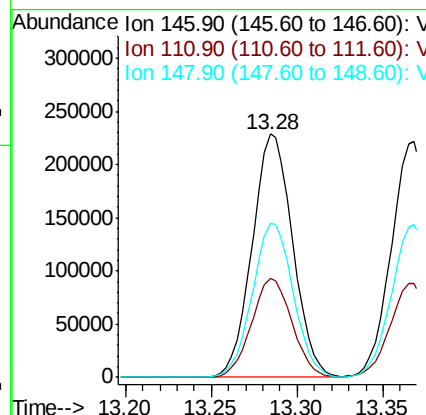
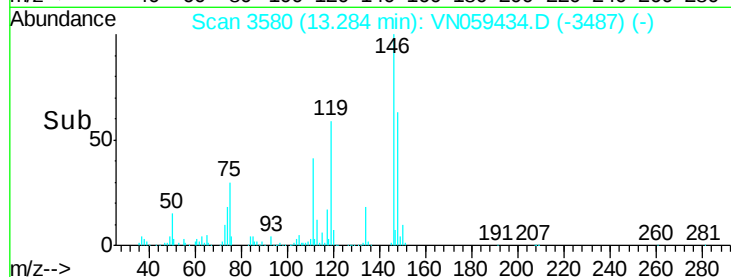
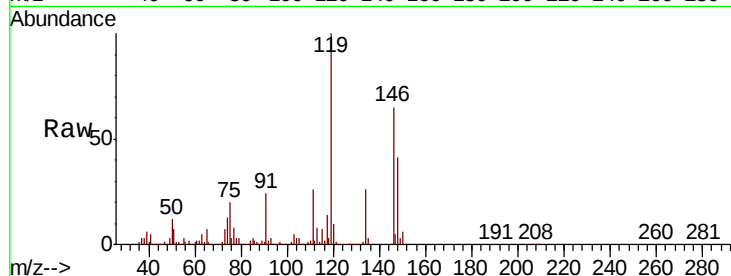
#87
 1,3-Dichlorobenzene
 Concen: 50.422 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.2
148	63.8	32.1	96.3

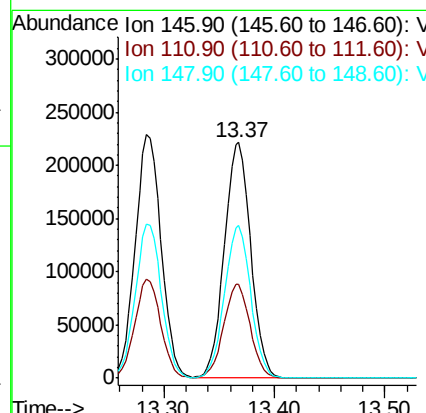
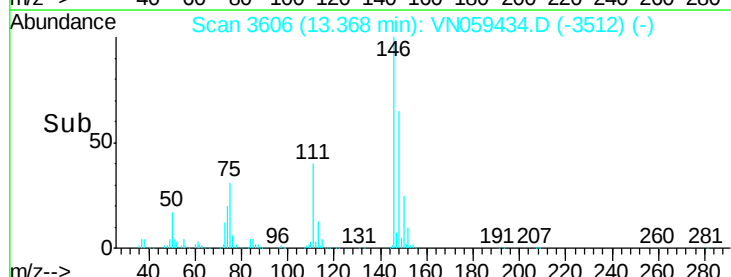
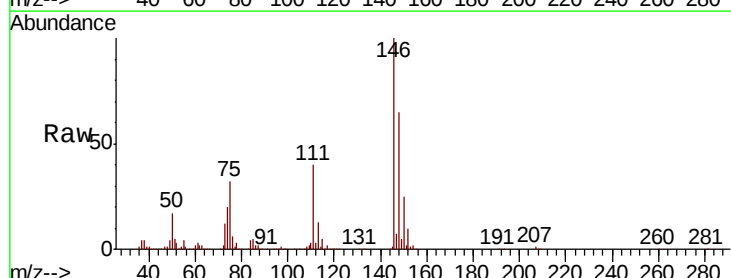
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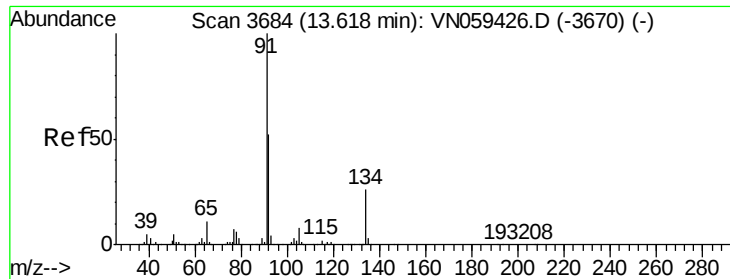
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#88
 1,4-Dichlorobenzene
 Concen: 49.479 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	64.1	31.6	95.0





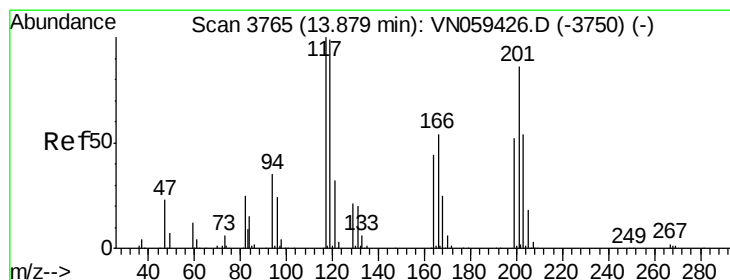
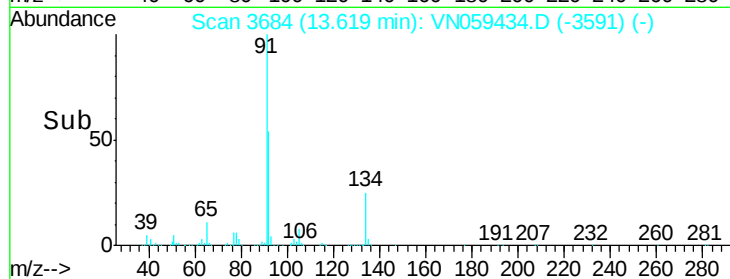
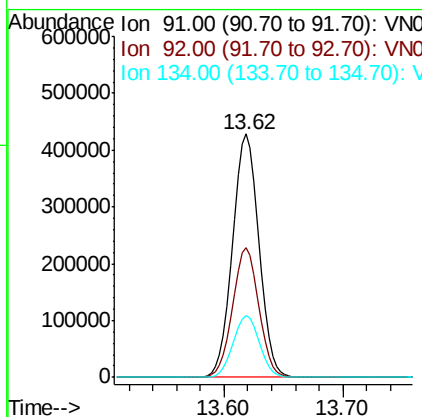
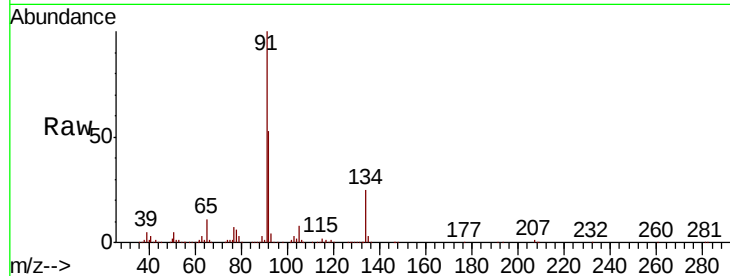
#89
n-Butylbenzene
Concen: 50.884 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		657668		
92	52.8	25.9	77.8		
134	25.4	12.8	38.4		

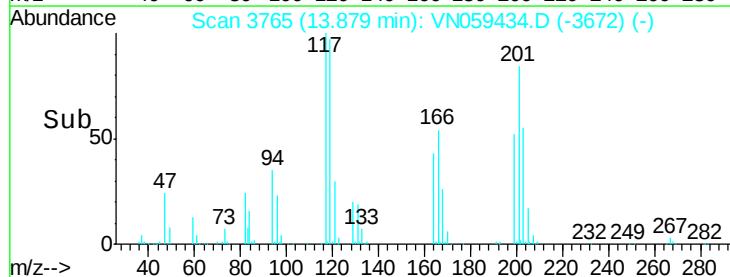
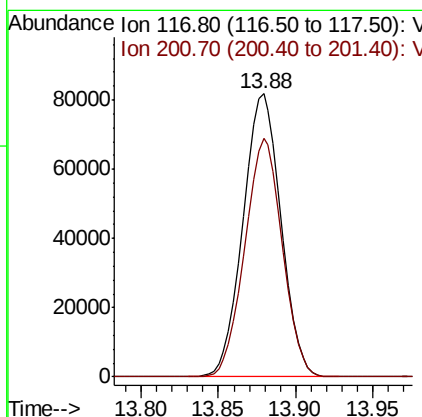
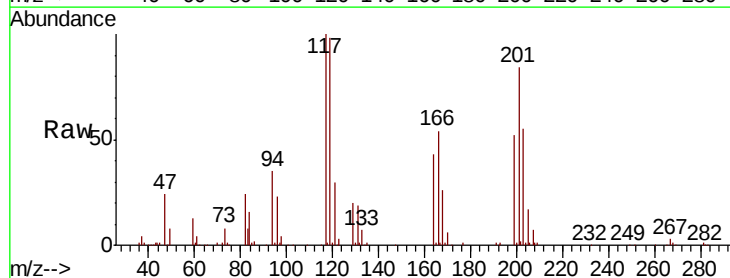
Manual Integrations
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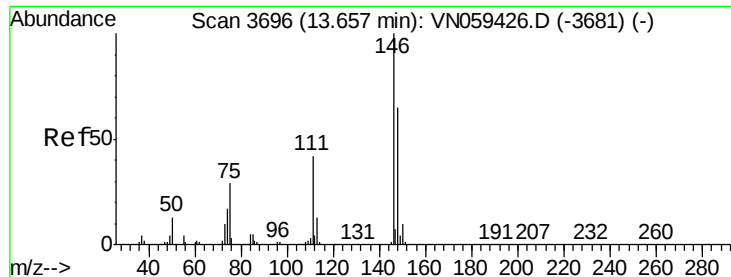
apatel
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#90
Hexachloroethane
Concen: 49.434 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		139699		
201	83.1	42.1	126.4		





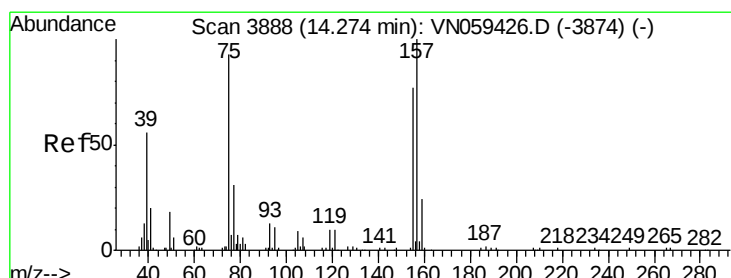
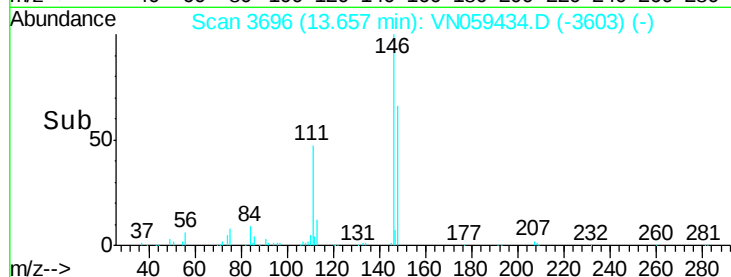
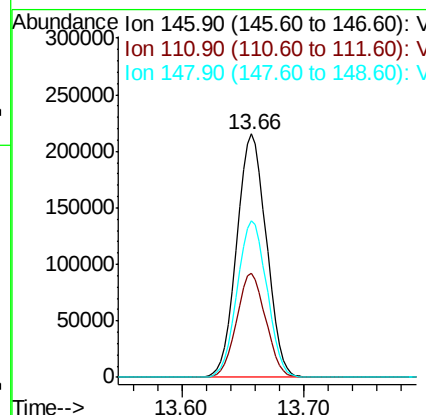
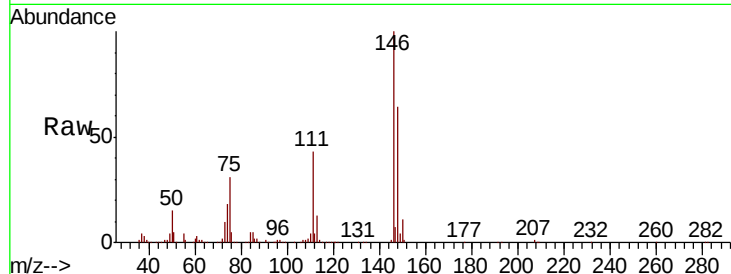
#91
 1,2-Dichlorobenzene
 Concen: 50.099 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	146	Resp:	363431
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.3	63.7
148	64.6	32.0	96.2

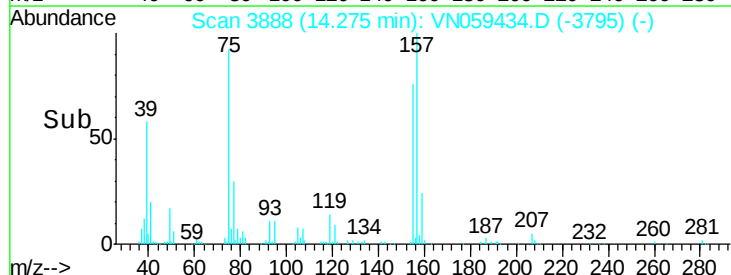
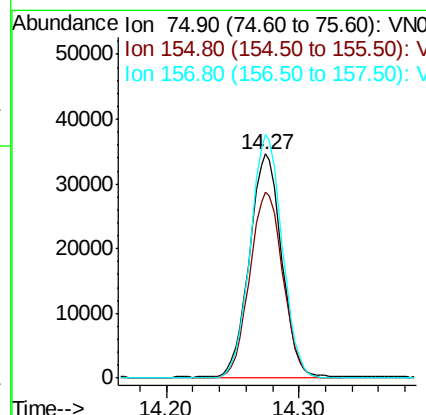
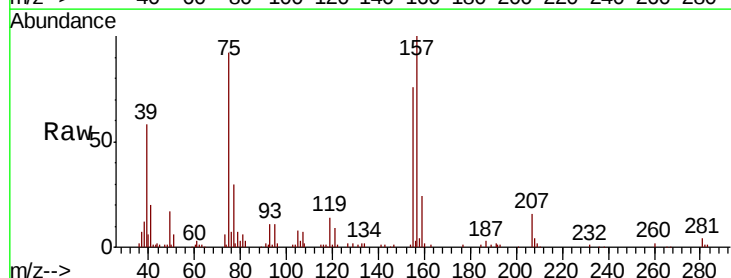
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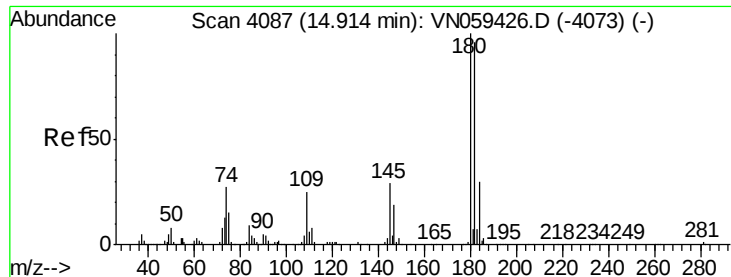
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.608 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion:	75	Resp:	58035
Ion Ratio	Lower	Upper	
75	100		
155	85.9	41.9	125.8
157	107.7	54.1	162.3





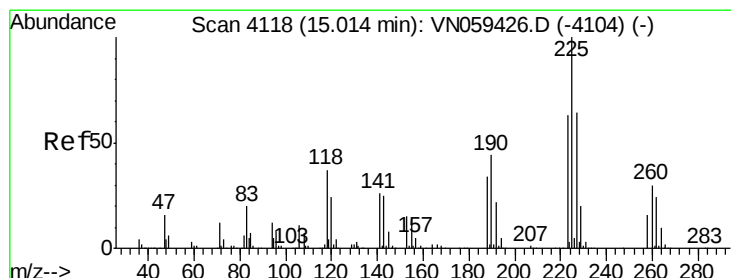
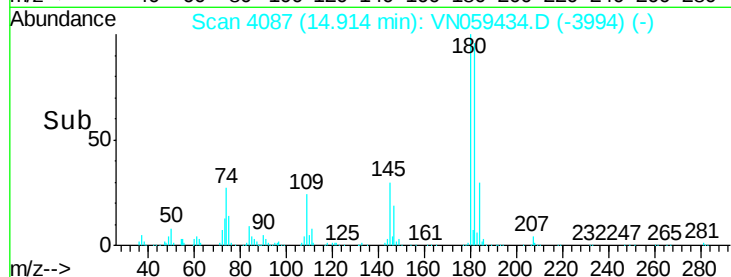
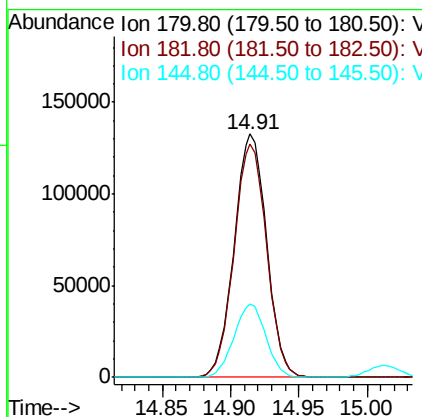
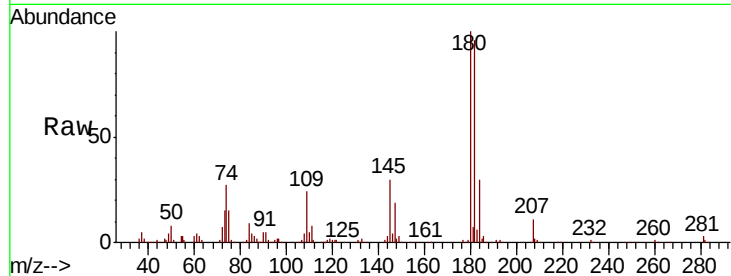
#93
 1,2,4-Trichlorobenzene
 Concen: 48.658 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	219415		
182	95.9	47.3	142.0	
145	29.7	14.8	44.4	

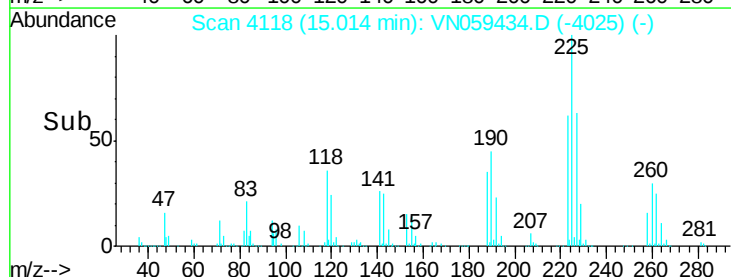
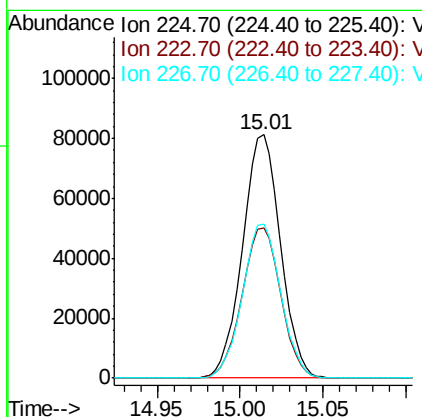
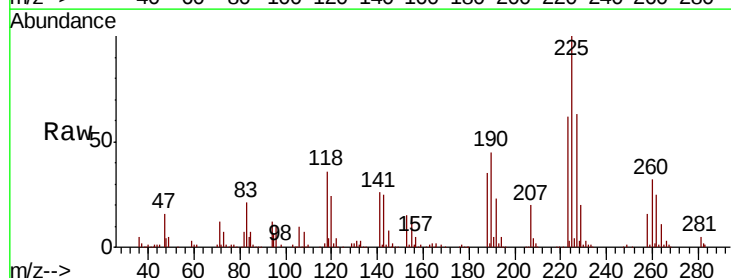
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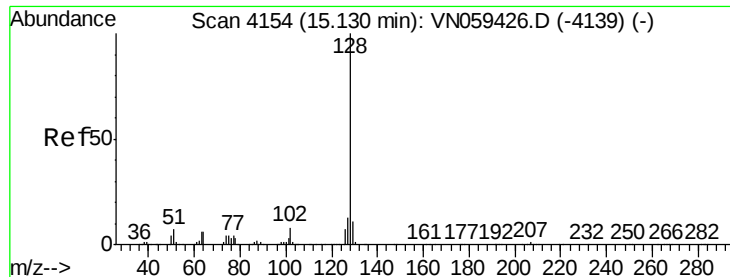
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#94
 Hexachlorobutadiene
 Concen: 46.824 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059434.D
 Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	129398		
223	63.1	31.5	94.5	
227	63.6	31.9	95.7	





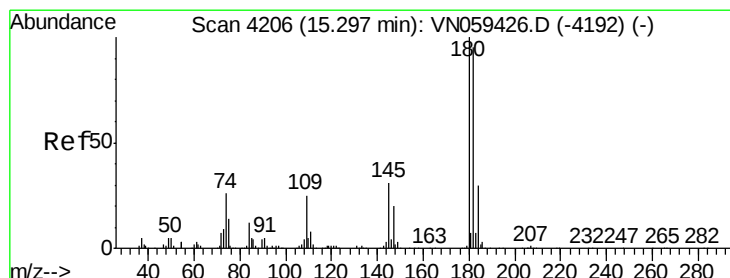
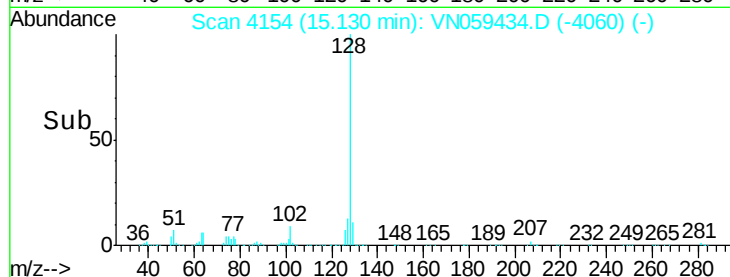
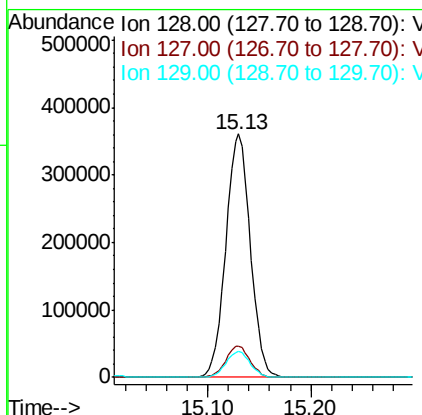
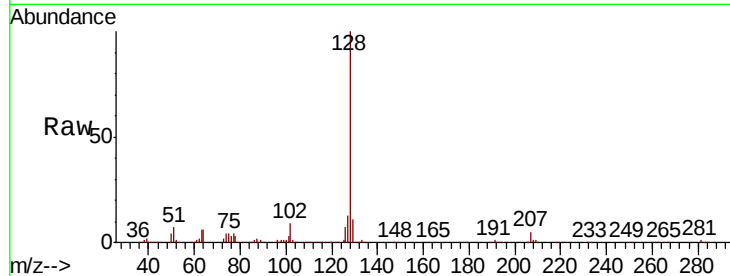
#95
Naphthalene
Concen: 57.843 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 56.541 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059434.D
Acq: 27 Nov 2019 20:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	31.4	15.7	47.1

