

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120519\
 Data File : VN059500.D
 Acq On : 5 Dec 2019 15:10
 Operator : JC/SP
 Sample : VN1205WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Manual Integrations
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Quant Time: Dec 06 01:06:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	296928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	473153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	430880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195205	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	202738	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
35) Dibromofluoromethane	7.57	113	152465	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	10.08	98	598294	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.40	95	208185	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	62089	18.791	ug/l	99
3) Chloromethane	2.04	50	87874	19.842	ug/l	98
4) Vinyl Chloride	2.17	62	82364	30.993	ug/l	98
5) Bromomethane	2.55	94	26649	16.501	ug/l	95
6) Chloroethane	2.68	64	30957	19.731	ug/l	99
7) Trichlorofluoromethane	3.00	101	65459	20.396	ug/l	100
8) Diethyl Ether	3.39	74	39249	18.770	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	61198	19.424	ug/l	98
10) Methyl Iodide	3.93	142	71332	17.881	ug/l	97
11) Tert butyl alcohol	4.76	59	71174	102.397	ug/l	98
12) 1,1-Dichloroethene	3.71	96	57717	18.741	ug/l	97
13) Acrolein	3.58	56	68835	114.108	ug/l	97
14) Allyl chloride	4.29	41	115904	19.107	ug/l	97
15) Acrylonitrile	4.95	53	183375	97.516	ug/l	99
16) Acetone	3.79	43	162250	75.126	ug/l	99
17) Carbon Disulfide	4.03	76	184949	17.600	ug/l	99
18) Methyl Acetate	4.30	43	92928	18.715	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	203597	19.397	ug/l	98
20) Methylene Chloride	4.52	84	71231	19.777	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	64709	18.778	ug/l	99
22) Diisopropyl ether	5.92	45	226350	20.048	ug/l	96
23) Vinyl Acetate	5.87	43	942177	103.998	ug/l	99
24) 1,1-Dichloroethane	5.82	63	128036	19.963	ug/l	99
25) 2-Butanone	6.81	43	249429	88.965	ug/l	99
26) 2,2-Dichloropropane	6.80	77	108274	19.518	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	73635	19.240	ug/l	100
28) Bromochloromethane	7.17	49	52194	21.243	ug/l	96
29) Tetrahydrofuran	7.19	42	168270	95.450	ug/l	99
30) Chloroform	7.35	83	122658	19.807	ug/l	100
31) Cyclohexane	7.63	56	118000	18.988	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	106665	19.817	ug/l	98
36) 1,1-Dichloropropene	7.77	75	92873	18.862	ug/l	99
37) Ethyl Acetate	6.91	43	102770	18.686	ug/l	99
38) Carbon Tetrachloride	7.75	117	93836	19.815	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	108931	18.384	ug/l	97
40) Benzene	8.02	78	276650	19.187	ug/l	97
41) Methacrylonitrile	7.16	41	49320m	22.126	ug/l	
42) 1,2-Dichloroethane	8.10	62	100283	20.475	ug/l	99
43) Isopropyl Acetate	8.15	43	163044	19.932	ug/l	98
44) Trichloroethene	8.82	130	71642	19.014	ug/l	97
45) 1,2-Dichloropropane	9.10	63	74664	19.383	ug/l	98
46) Dibromomethane	9.19	93	47135	19.654	ug/l	98
47) Bromodichloromethane	9.39	83	94622	19.677	ug/l	99
48) Methyl methacrylate	9.18	41	71013	19.242	ug/l	97
49) 1,4-Dioxane	9.19	88	24139	432.264	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	495271	102.000	ug/l	97
52) Toluene	10.15	92	168982	19.378	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	106216	18.771	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	116098	19.357	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	67775	19.716	ug/l	98
56) Ethyl methacrylate	10.42	69	94922	18.013	ug/l	94
57) 1,3-Dichloropropane	10.70	76	116975	19.677	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	154906	92.258	ug/l	100
59) 2-Hexanone	10.74	43	357340	97.789	ug/l	97
60) Dibromochloromethane	10.90	129	70322	19.159	ug/l	99
61) 1,2-Dibromoethane	11.00	107	68529	19.293	ug/l	99
64) Tetrachloroethene	10.62	164	64541	17.609	ug/l	97
65) Chlorobenzene	11.43	112	177597	18.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	66111	19.533	ug/l	99
67) Ethyl Benzene	11.51	91	313562	19.000	ug/l	99
68) m/p-Xylenes	11.62	106	236132	38.426	ug/l	99
69) o-Xylene	11.95	106	112162	19.172	ug/l	100
70) Styrene	11.96	104	172552	18.476	ug/l	99
71) Bromoform	12.13	173	49548	18.781	ug/l #	98
73) Isopropylbenzene	12.25	105	299654	19.141	ug/l	100
74) N-amyl acetate	12.07	43	118307	18.762	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	100633	20.040	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	94750m	19.522	ug/l	
77) Bromobenzene	12.53	156	73168	18.703	ug/l	99
78) n-propylbenzene	12.59	91	345696	18.976	ug/l	99
79) 2-Chlorotoluene	12.67	91	206392	18.793	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	252913	19.332	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34093	18.434	ug/l	94
82) 4-Chlorotoluene	12.77	91	208209	18.376	ug/l	99
83) tert-Butylbenzene	12.99	119	213886	18.831	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	246550	19.284	ug/l	100
85) sec-Butylbenzene	13.17	105	288031	19.134	ug/l	100
86) p-Isopropyltoluene	13.29	119	248710	18.437	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	124945	18.115	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	124840	17.947	ug/l	99
89) n-Butylbenzene	13.62	91	211911	17.534	ug/l	99
90) Hexachloroethane	13.88	117	49239	18.925	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	125140	18.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20938	20.140	ug/l	92

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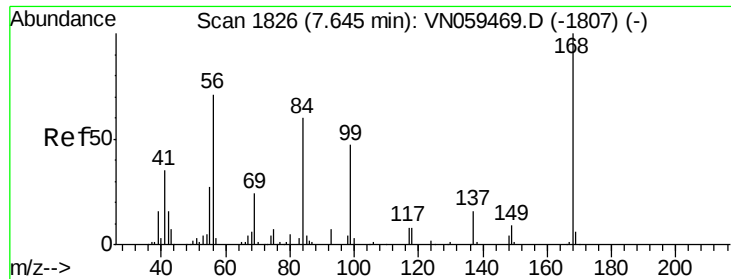
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	66582	16.494	ug/l	99
94) Hexachlorobutadiene	15.01	225	43263	18.059	ug/l	98
95) Naphthalene	15.13	128	182993	18.083	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	68315	18.150	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tot Ion:168 Resp: 296928

Ion Ratio Lower Upper

168 100

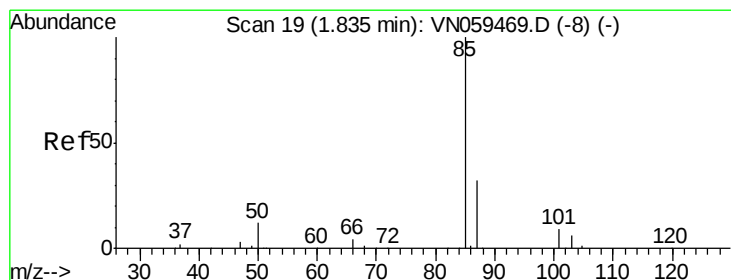
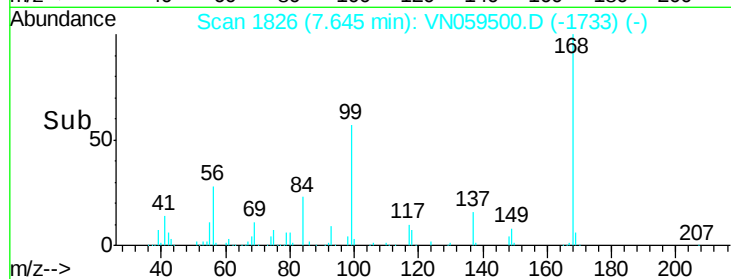
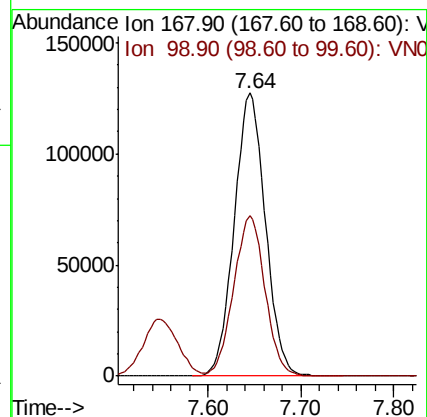
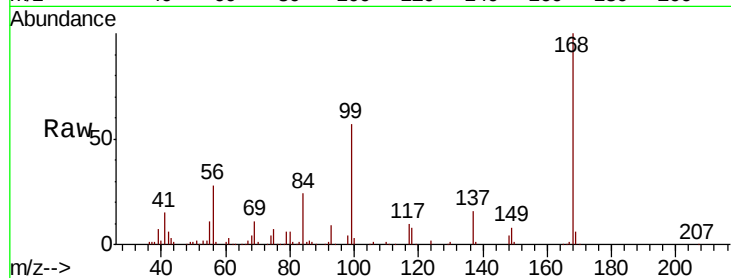
99 56.6 43.4 65.2

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#2

Dichlorodifluoromethane

Concen: 18.791 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059500.D

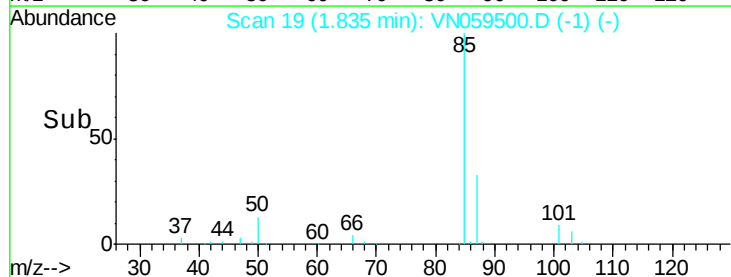
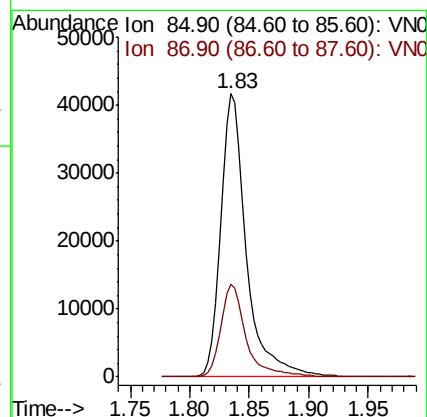
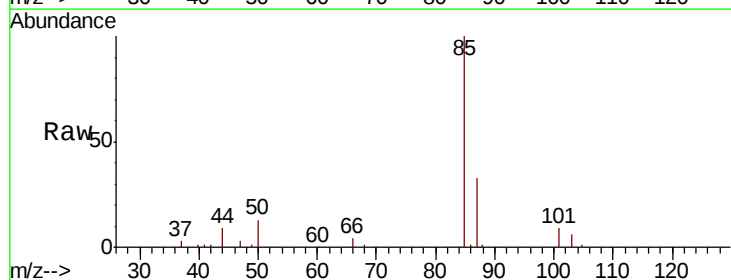
Acq: 5 Dec 2019 15:10

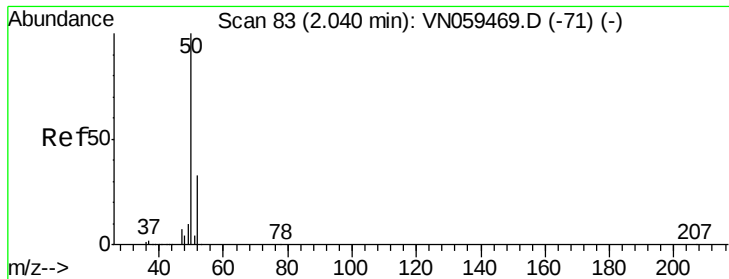
Tgt Ion: 85 Resp: 62089

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3





#3

Chloromethane

Concen: 19.842 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tot Ion: 50 Resp: 87874

Ion Ratio Lower Upper

50 100

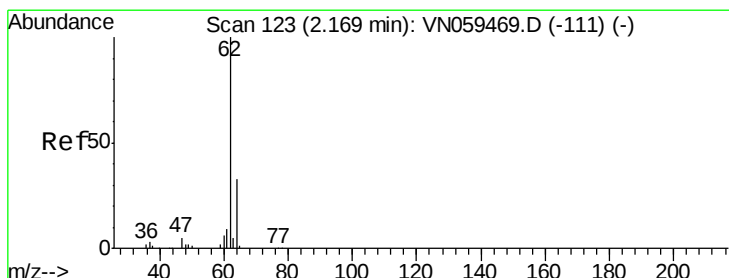
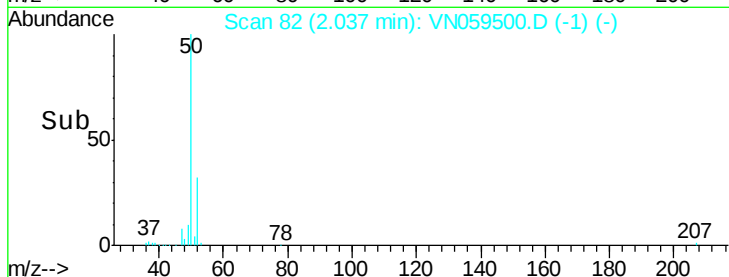
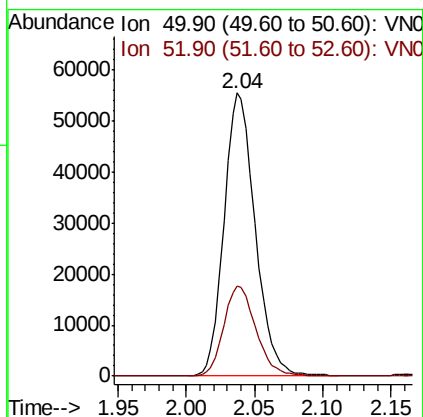
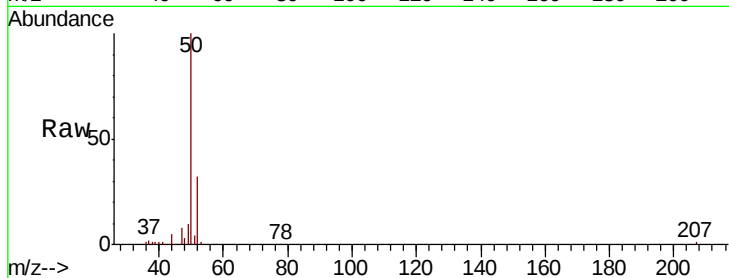
52 31.8 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 30.993 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059500.D

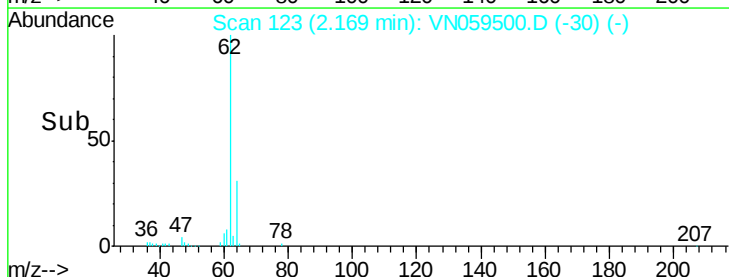
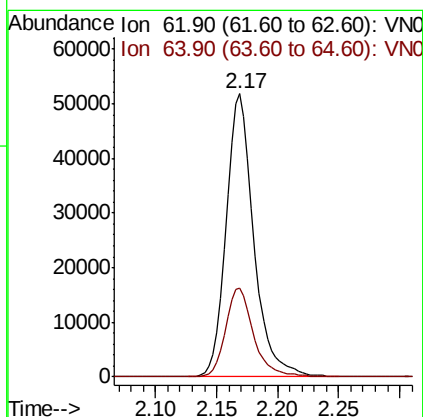
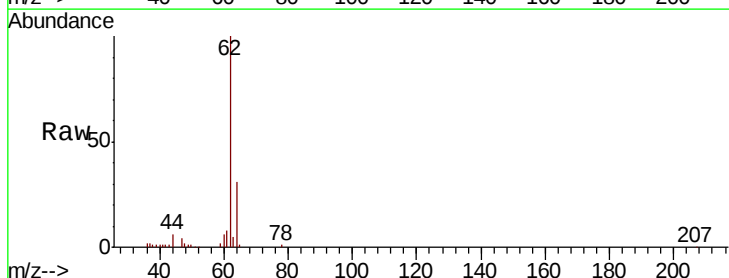
Acq: 5 Dec 2019 15:10

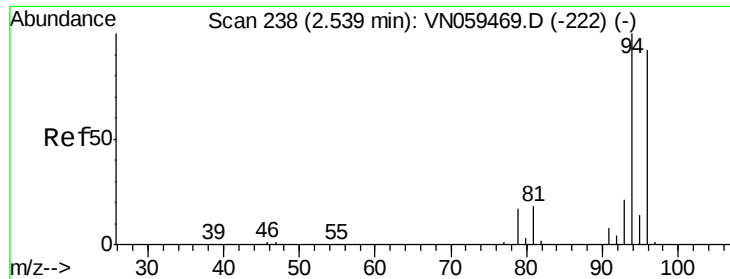
Tgt Ion: 62 Resp: 82364

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





#5

Bromomethane

Concen: 16.501 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tot Ion: 94 Resp: 26649

Ion Ratio Lower Upper

94 100

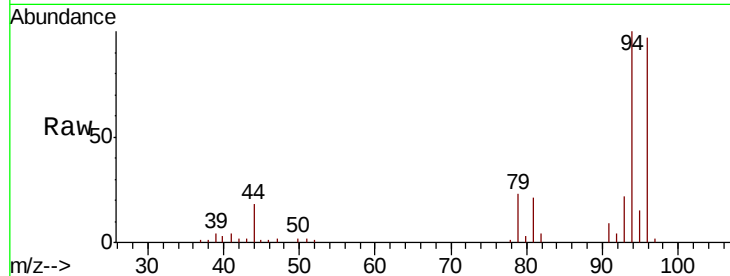
96 96.5 73.5 110.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

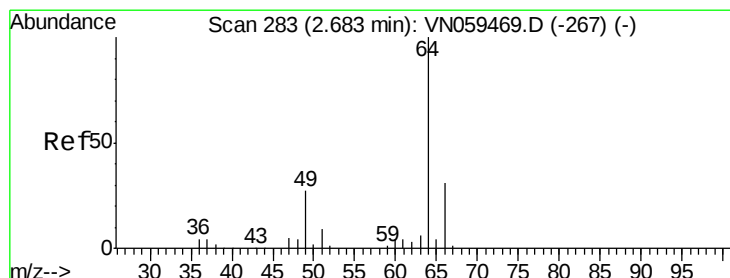
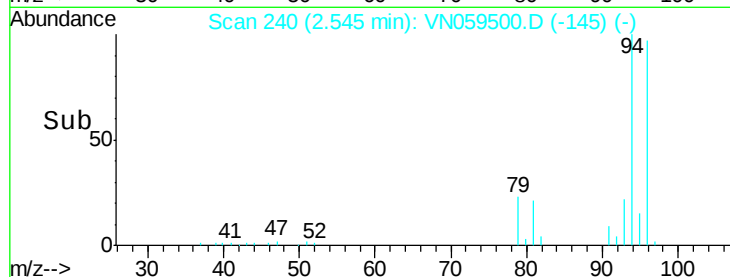
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.731 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059500.D

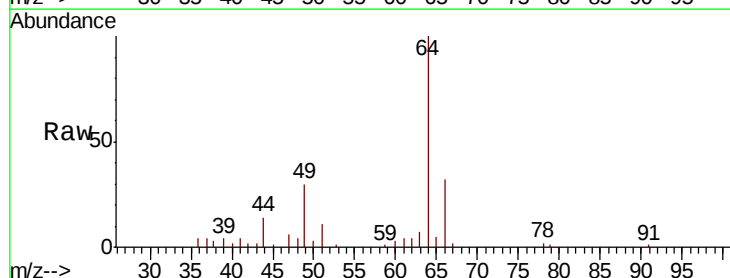
Acq: 5 Dec 2019 15:10

Tgt Ion: 64 Resp: 30957

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

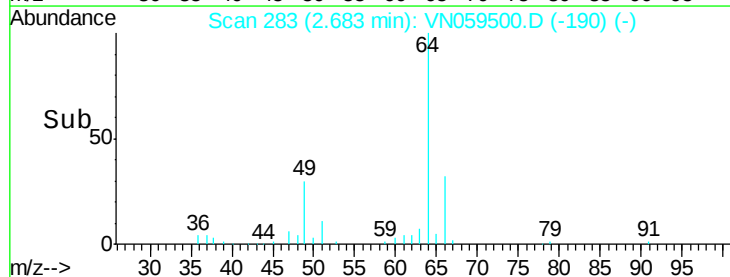
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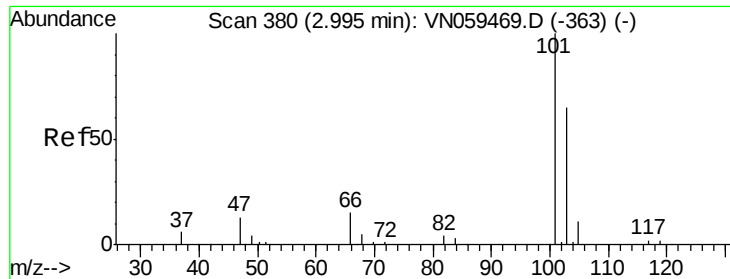
10000

5000

0

Time-->





#7

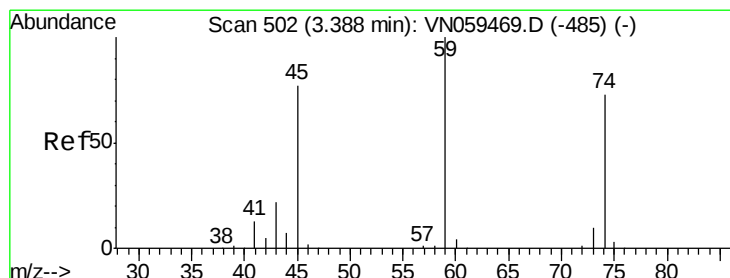
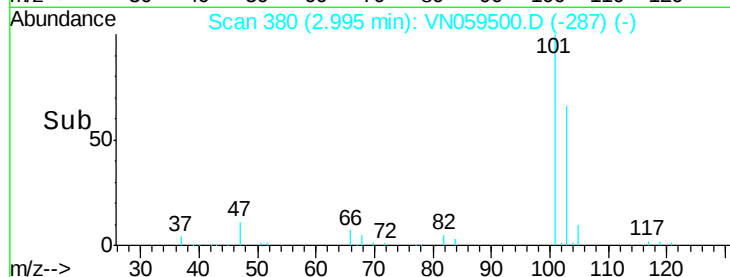
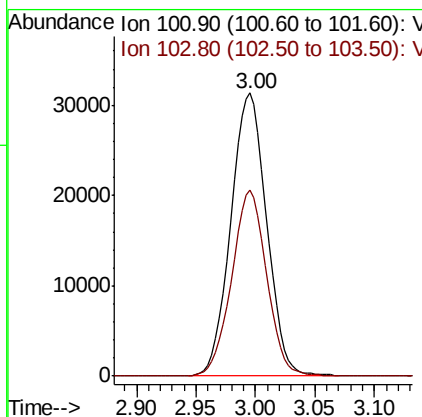
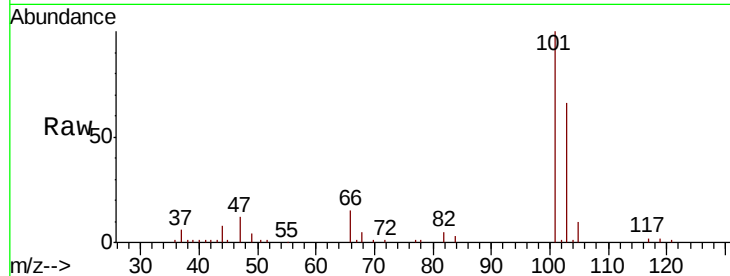
Trichlorofluoromethane
Concen: 20.396 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampled :
VN1205WBSD01

Tot Ion:101 Resp: 65459
Ion Ratio Lower Upper
101 100
103 65.8 52.4 78.6

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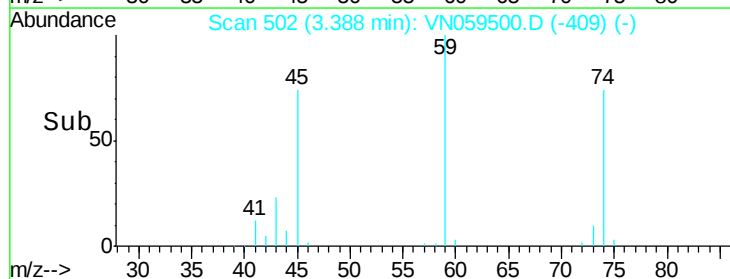
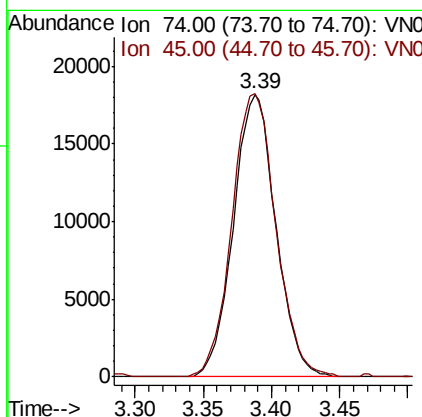
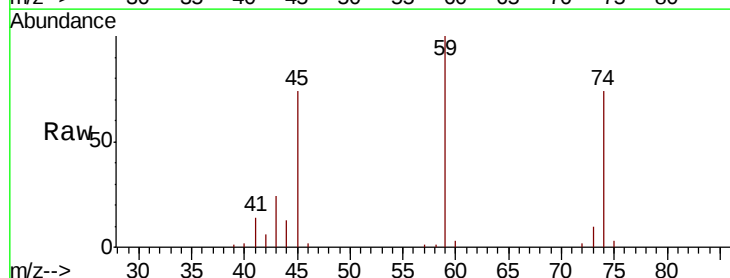
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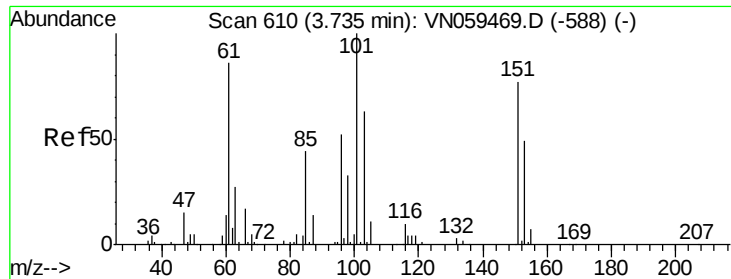


#8

Diethyl Ether
Concen: 18.770 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion: 74 Resp: 39249
Ion Ratio Lower Upper
74 100
45 104.3 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.424 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

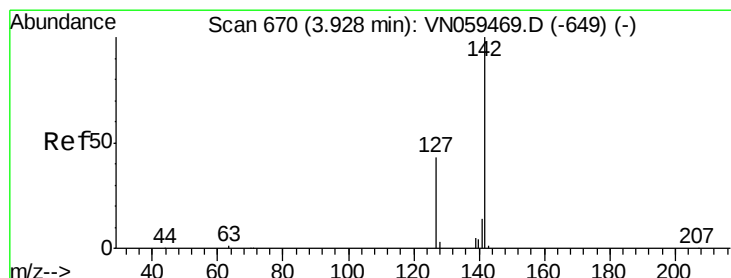
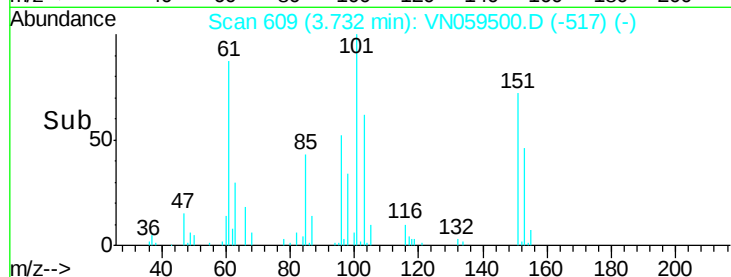
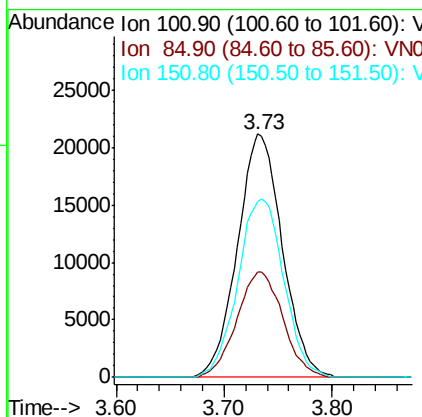
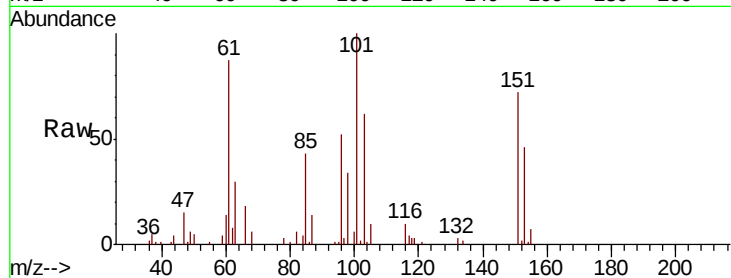
ClientSampleId :

VN1205WBSD01

Tot Ion:	101	Resp:	61198
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.2	52.8
151	75.0	62.4	93.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.881 ug/l

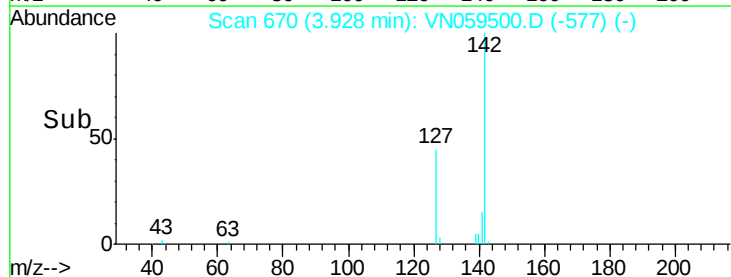
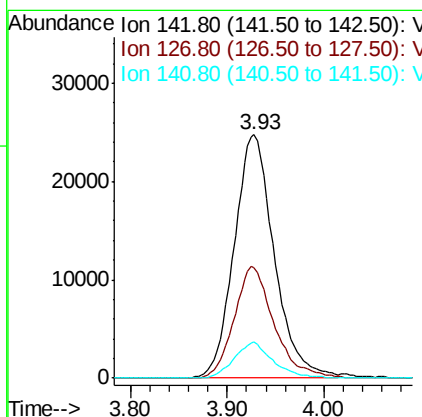
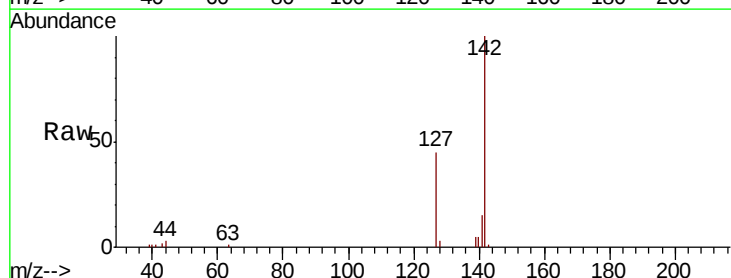
RT: 3.93 min Scan# 670

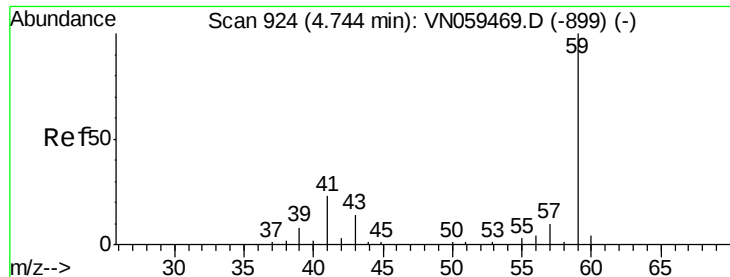
Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Tgt Ion:	142	Resp:	71332
Ion Ratio	Lower	Upper	
142	100		
127	45.4	34.6	52.0
141	14.3	11.4	17.0





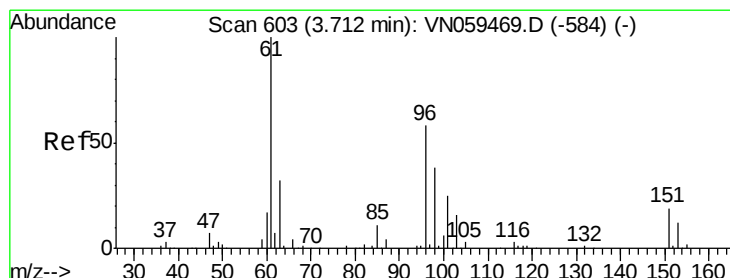
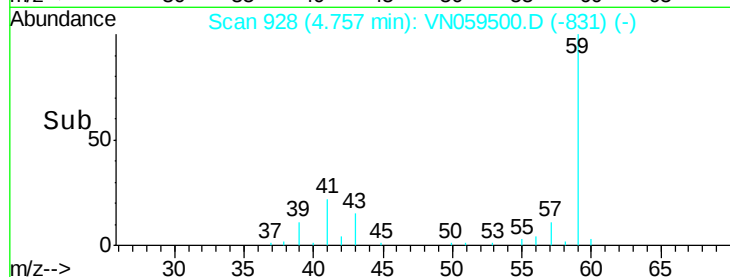
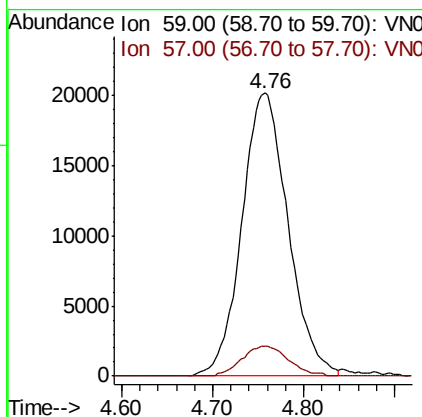
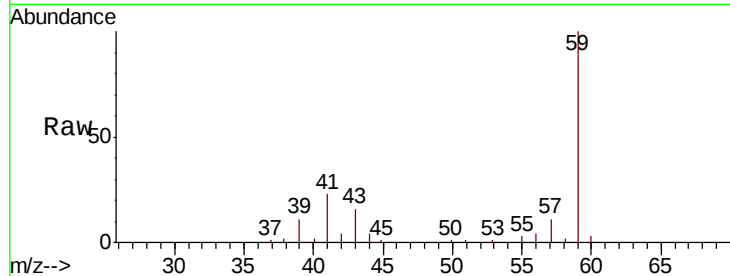
#11
Tert butyl alcohol
Concen: 102.397 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.01 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion: 59 Resp: 71174
Ion Ratio Lower Upper
59 100
57 10.8 8.1 12.1

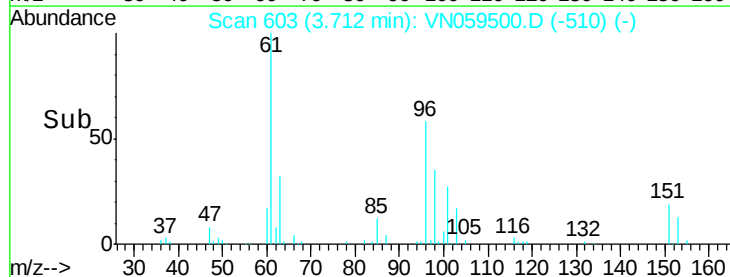
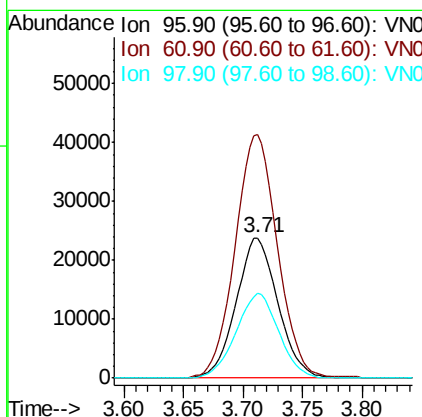
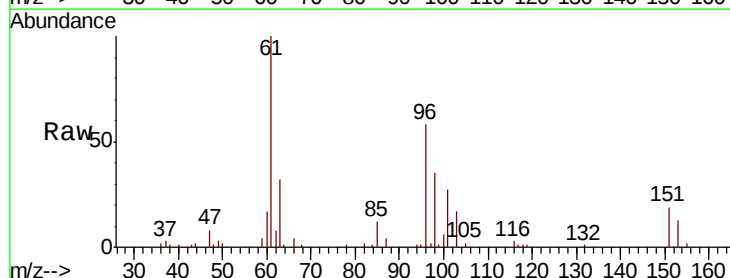
Manual Integrations
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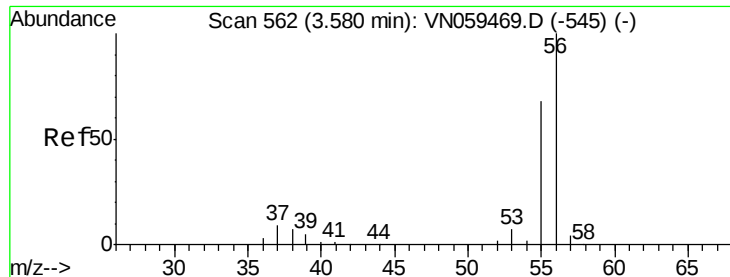
apatel
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#12
1,1-Dichloroethene
Concen: 18.741 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion: 96 Resp: 57717
Ion Ratio Lower Upper
96 100
61 173.7 137.1 205.7
98 60.5 52.4 78.6





#13

Acrolein

Concen: 114.108 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tot Ion: 56 Resp: 68835

Ion Ratio Lower Upper

56 100

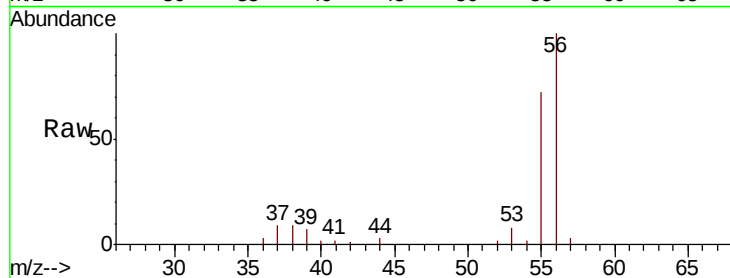
55 73.2 56.5 84.7

Manual Integrations

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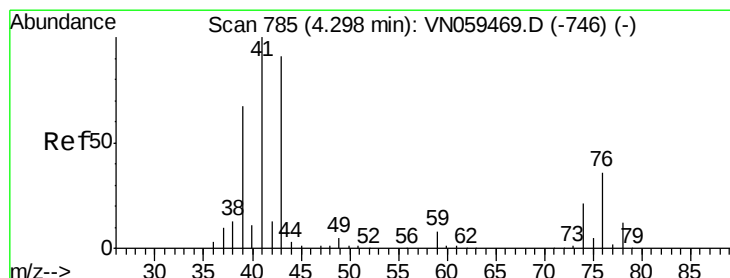
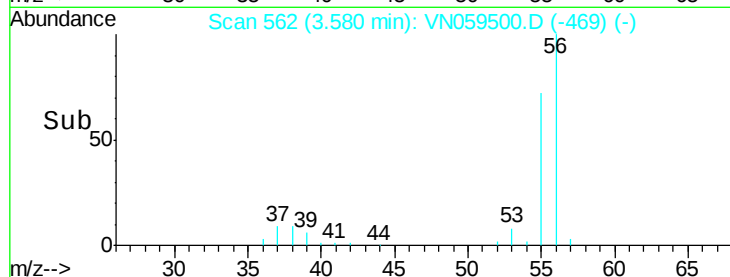
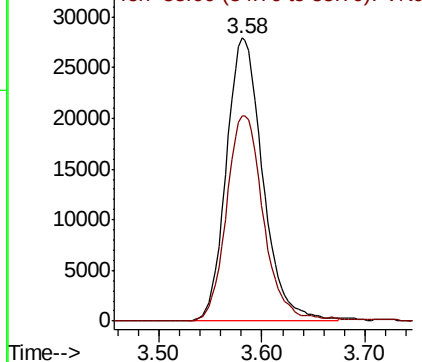
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.107 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

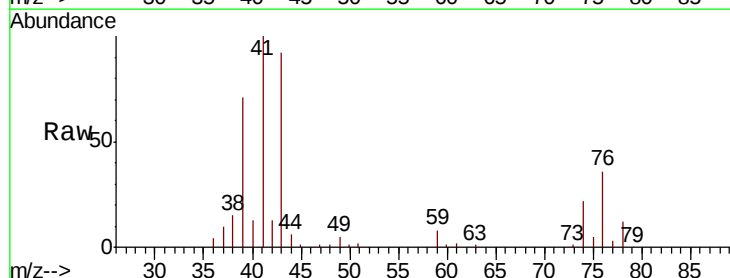
Tgt Ion: 41 Resp: 115904

Ion Ratio Lower Upper

41 100

39 65.0 49.3 73.9

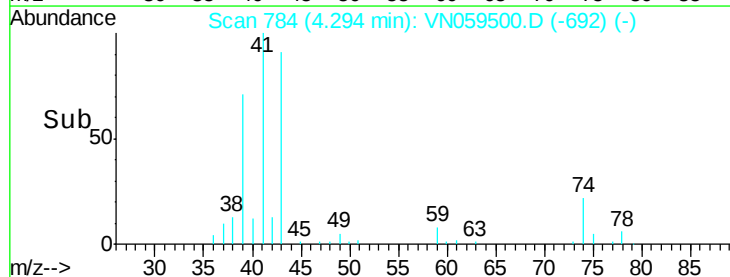
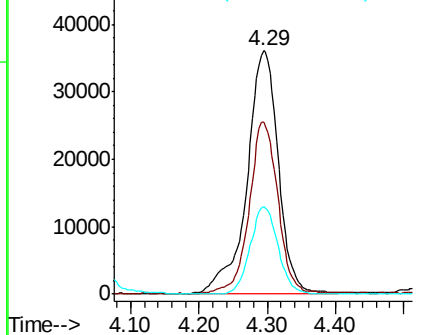
76 31.6 25.6 38.4

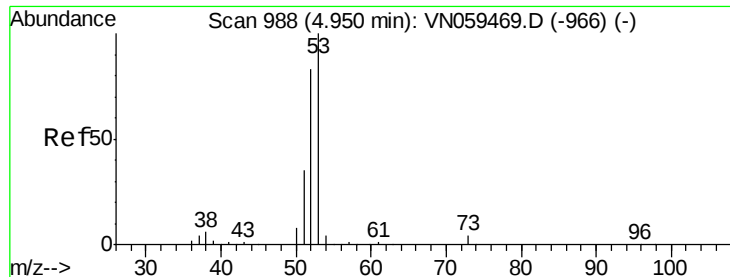


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 97.516 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

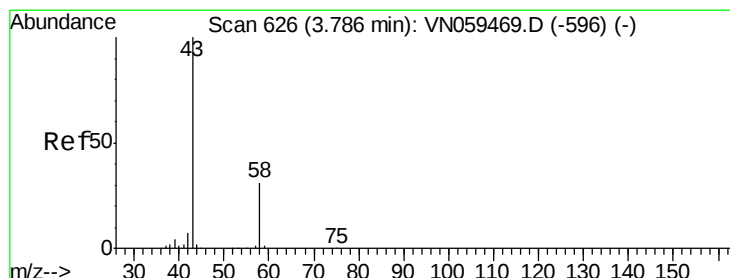
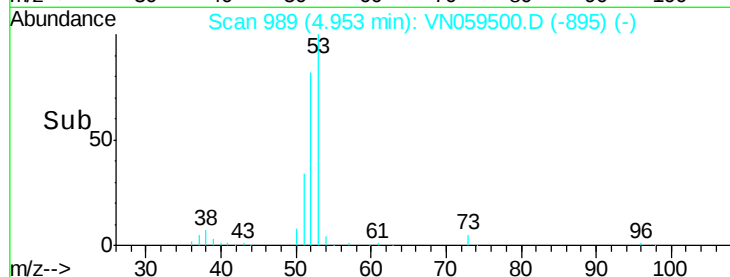
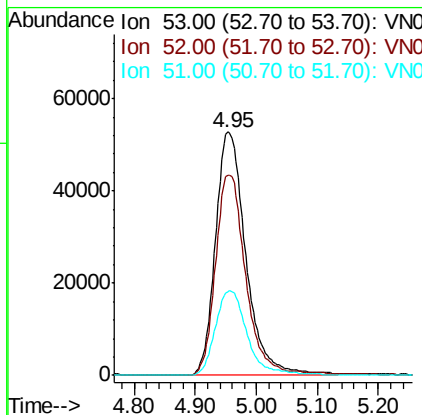
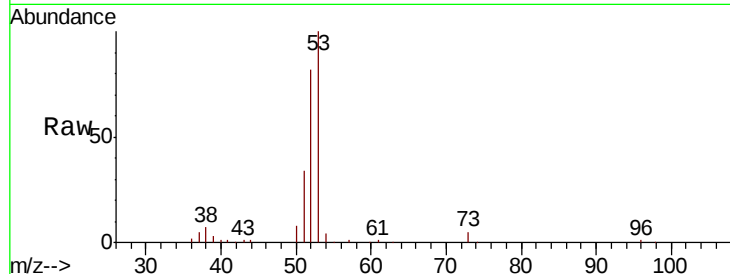
ClientSampleId :

VN1205WBSD01

Tot Ion:	53	Resp:	183375
Ion Ratio	Lower	Upper	
53	100		
52	80.5	65.5	98.3
51	36.1	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 75.126 ug/l

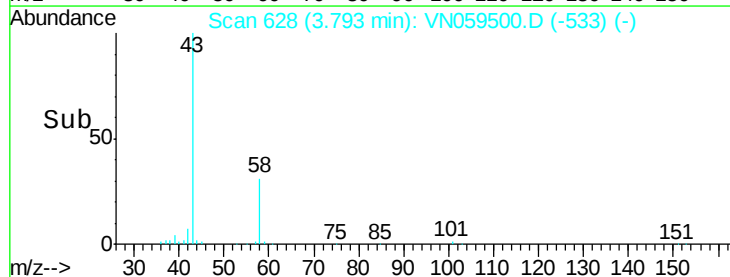
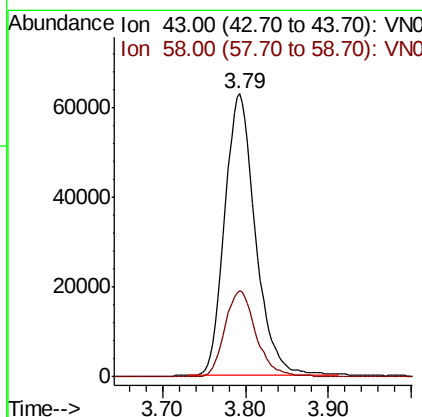
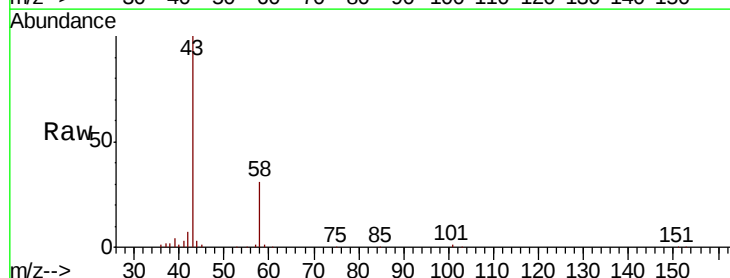
RT: 3.79 min Scan# 628

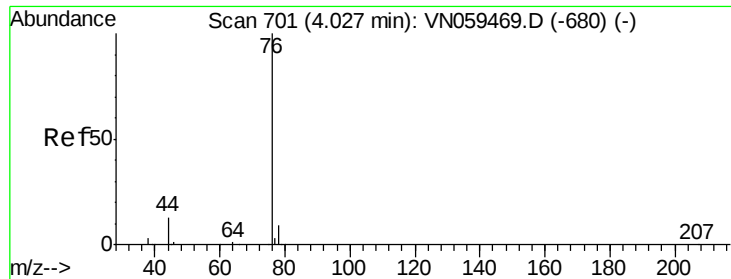
Delta R.T. 0.01 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Tgt Ion:	43	Resp:	162250
Ion Ratio	Lower	Upper	
43	100		
58	30.7	24.9	37.3





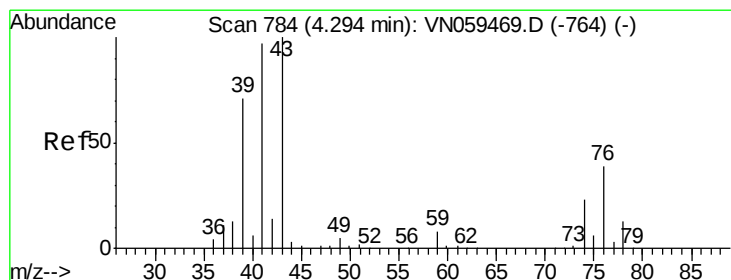
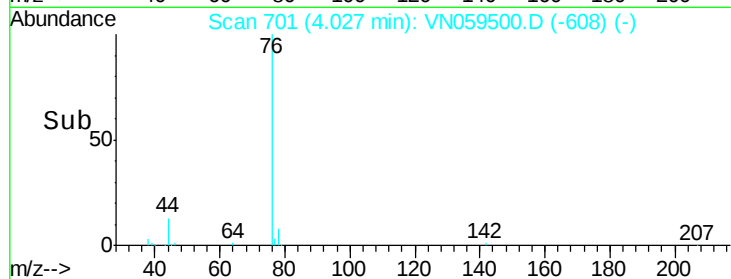
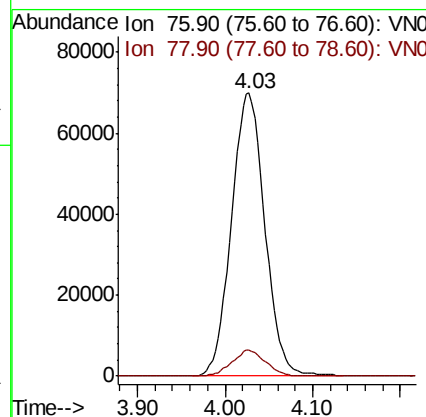
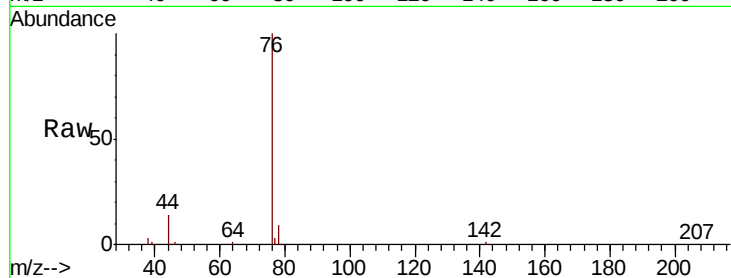
#17
Carbon Disulfide
Concen: 17.600 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion: 76 Resp: 184949
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

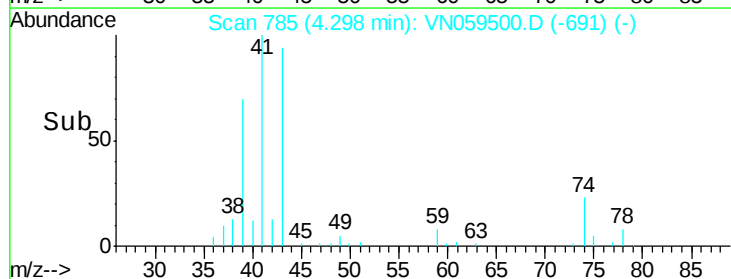
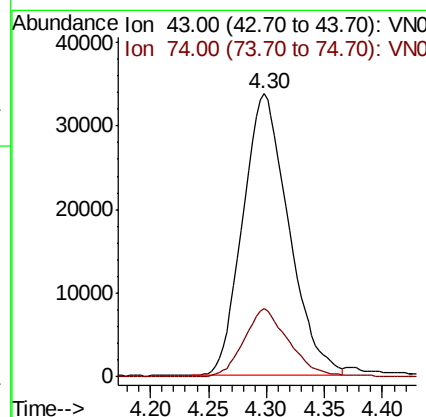
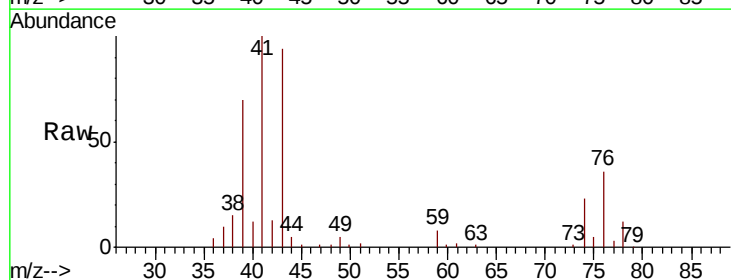
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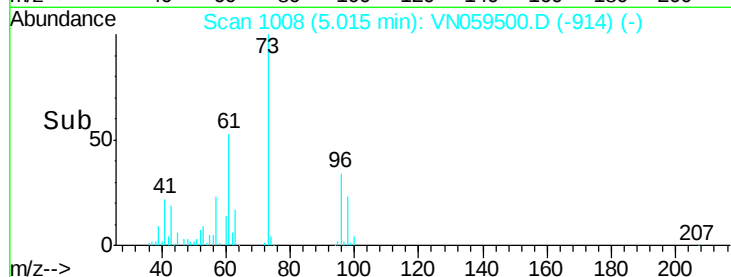
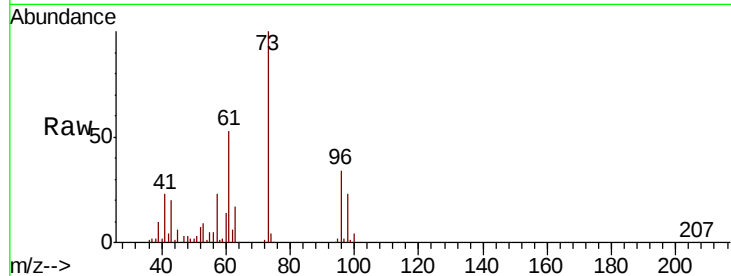
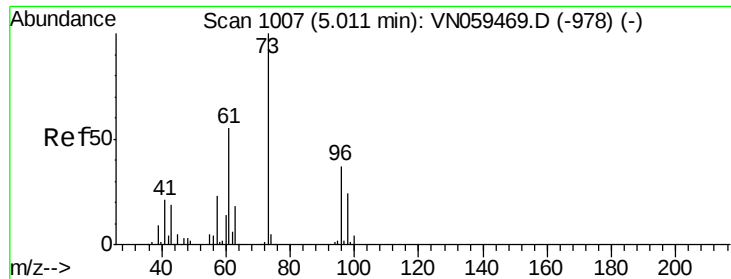
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#18
Methyl Acetate
Concen: 18.715 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion: 43 Resp: 92928
Ion Ratio Lower Upper
43 100
74 23.5 18.3 27.5





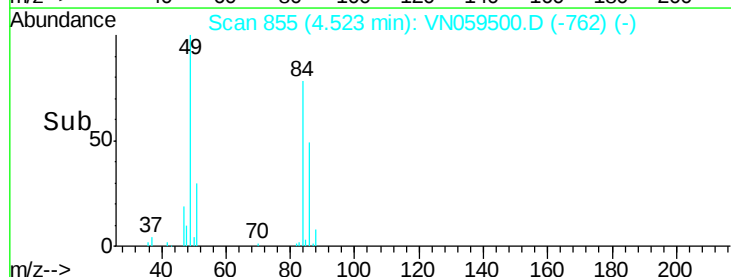
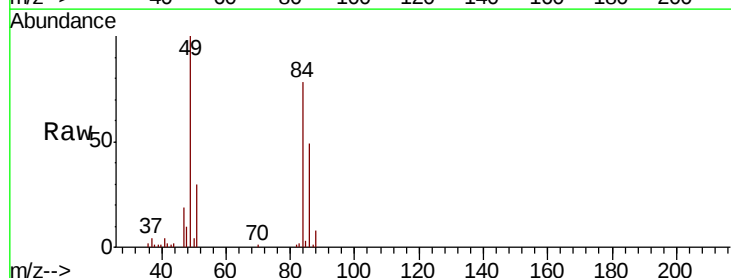
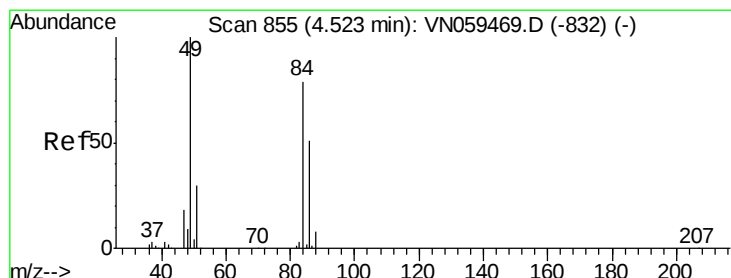
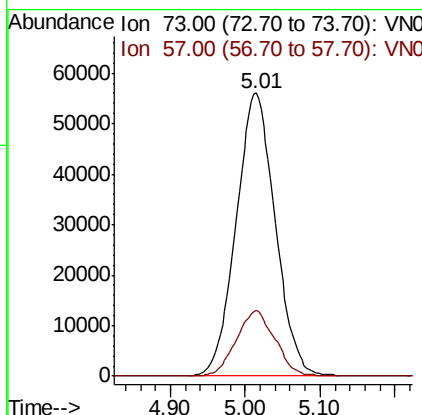
#19
Methvl tert-butvl Ether
Concen: 19.397 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tot Ion: 73 Resp: 203597
Ion Ratio Lower Upper
73 100
57 23.3 18.0 27.0

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

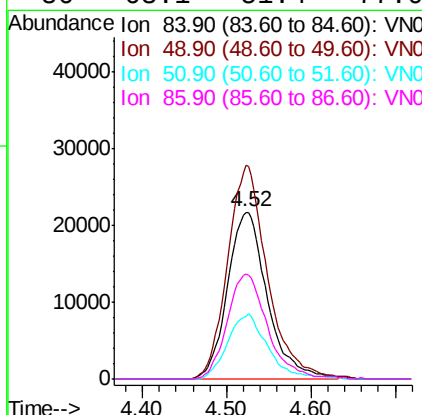
Manual Integrations
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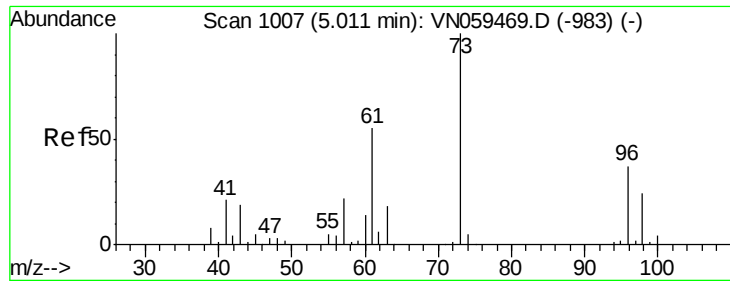
apatel
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#20
Methylene Chloride
Concen: 19.777 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion: 84 Resp: 71231
Ion Ratio Lower Upper
84 100
49 128.0 101.1 151.7
51 38.0 30.7 46.1
86 63.1 51.4 77.0





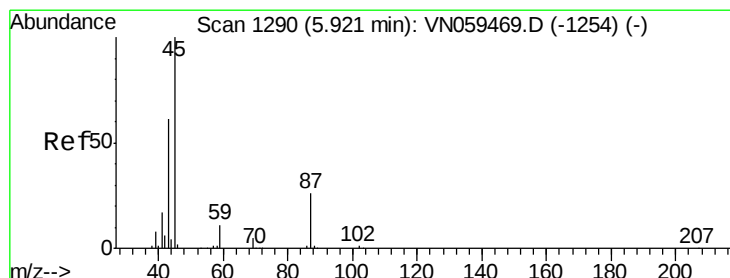
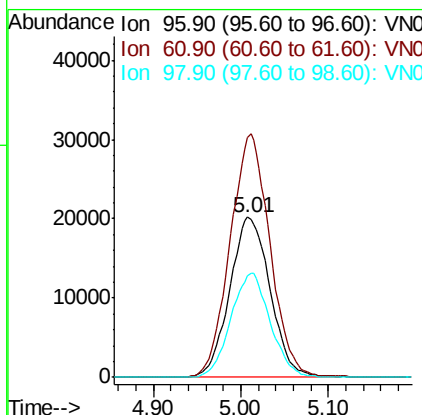
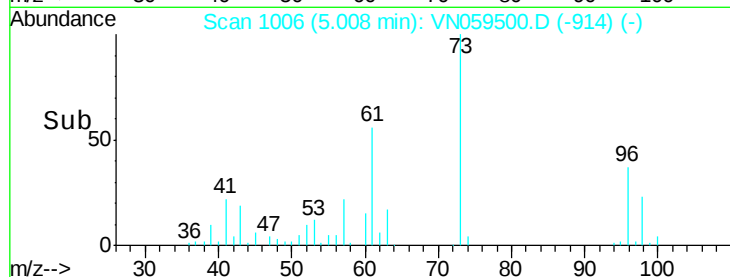
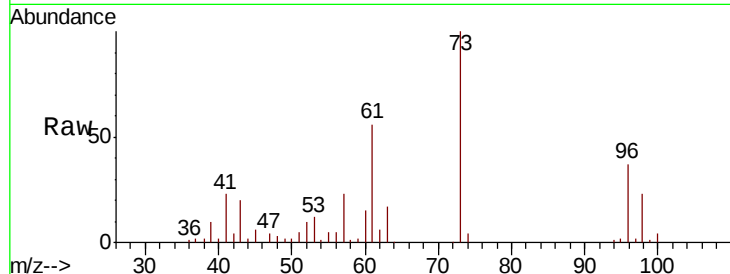
#21
trans-1,2-Dichloroethene
Concen: 18.778 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.7	118.9	178.3
98	63.2	51.6	77.4

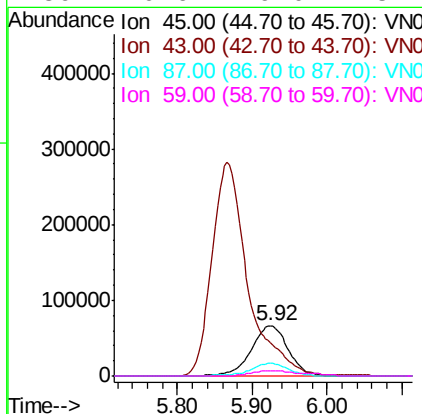
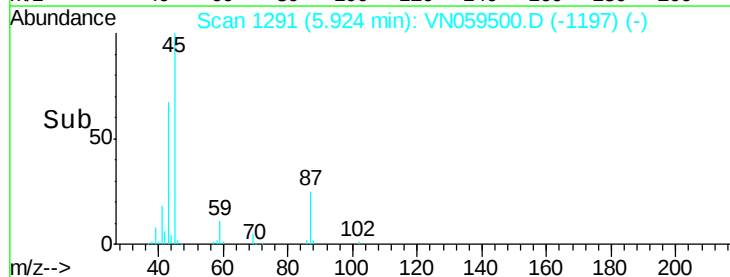
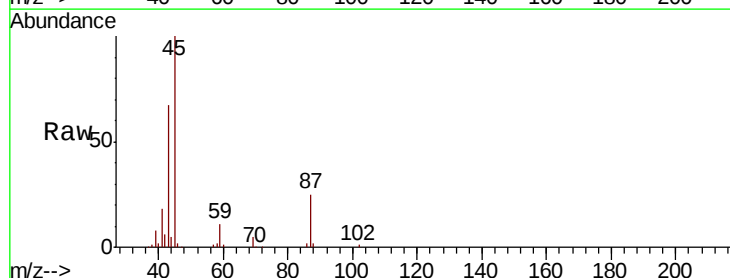
Manual Integrations
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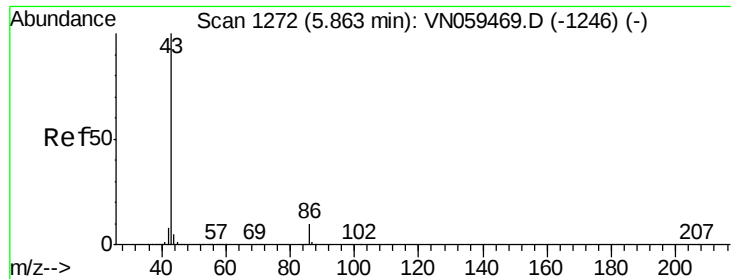
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#22
Diisopropyl ether
Concen: 20.048 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.8	49.1	73.7
87	25.2	21.6	32.4
59	10.6	9.0	13.4





#23

Vinyl Acetate

Concen: 103.998 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tot Ion: 43 Resp: 942177

Ion Ratio Lower Upper

43 100

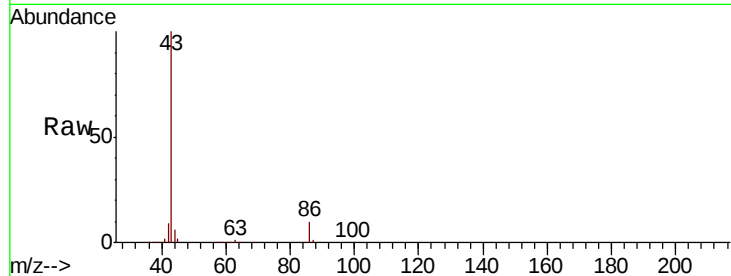
86 9.8 8.0 12.0

Manual Integrations

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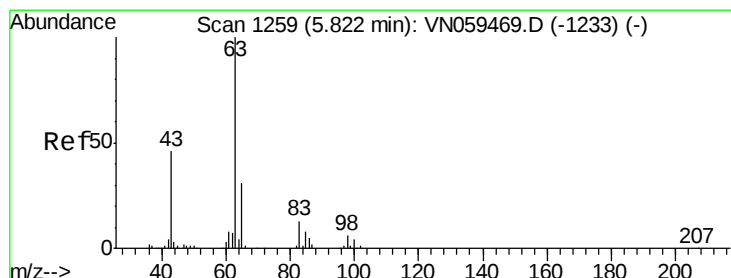
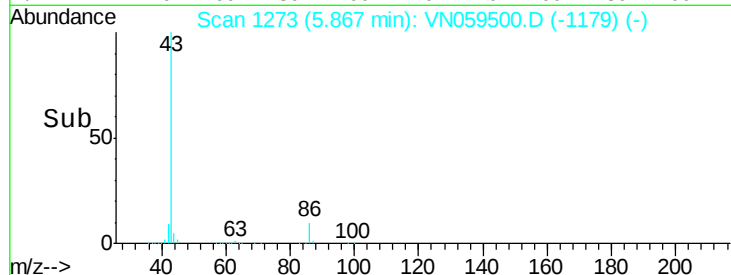
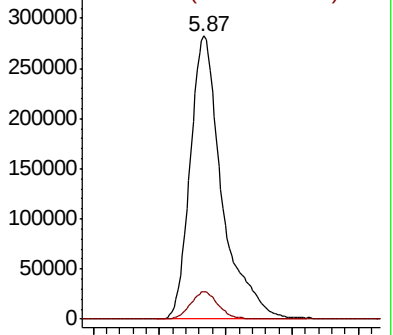
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.963 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

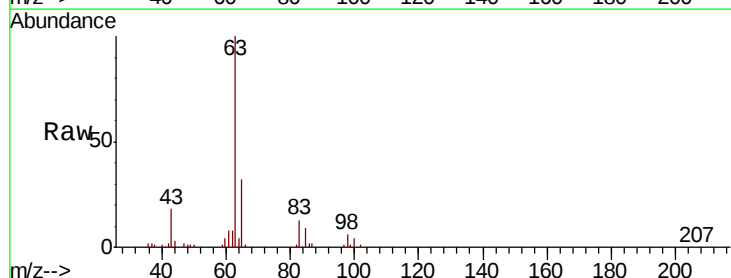
Tgt Ion: 63 Resp: 128036

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

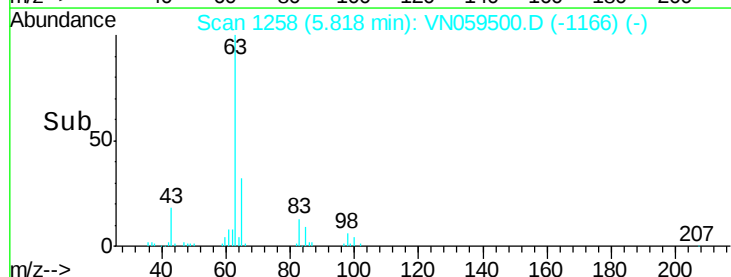
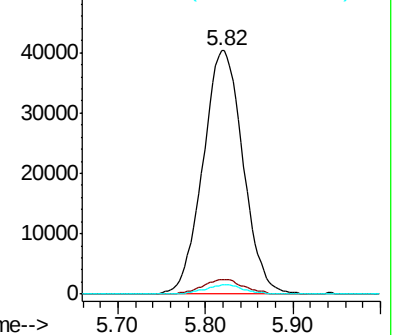
100 3.9 2.0 6.0

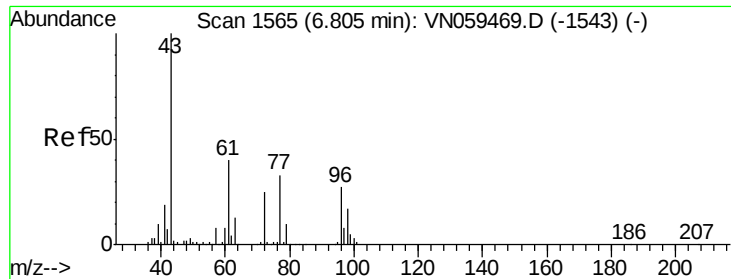


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 88.965 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tot Ion: 43 Resp: 249429

Ion Ratio Lower Upper

43 100

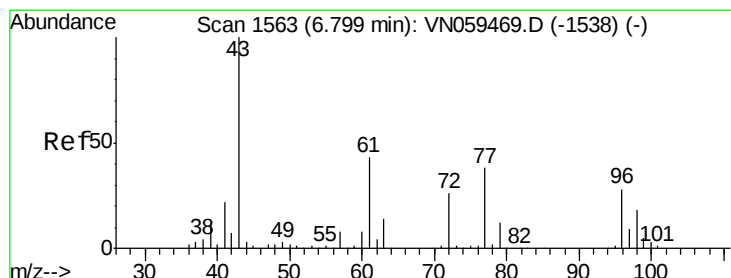
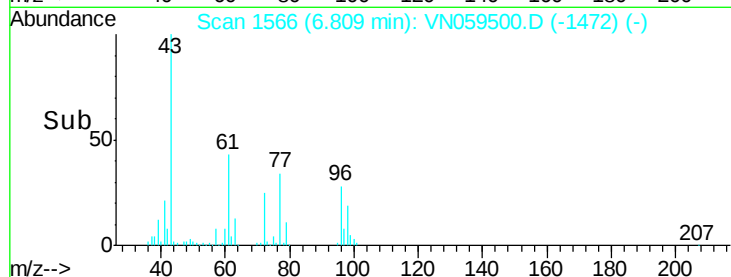
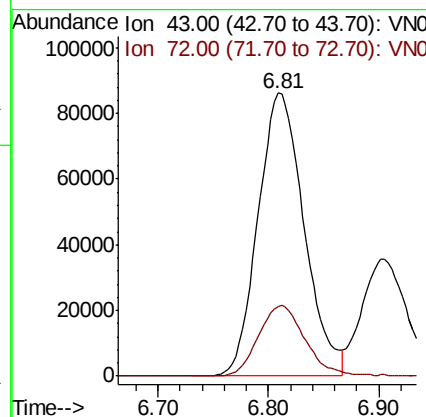
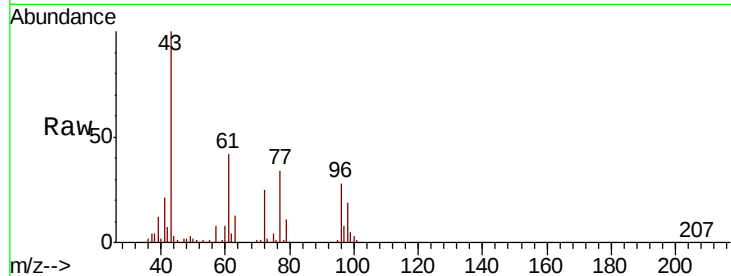
72 24.7 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.518 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059500.D

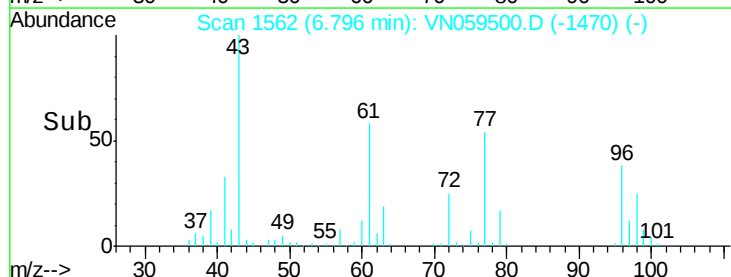
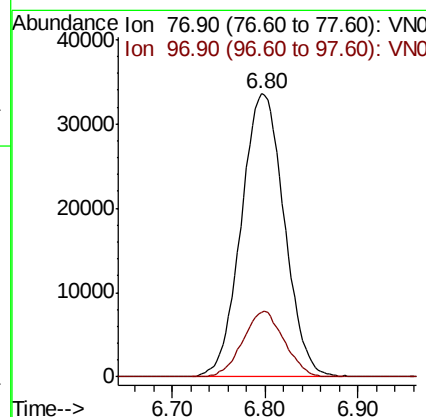
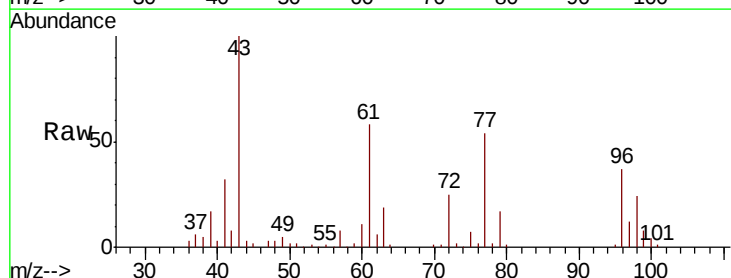
Acq: 5 Dec 2019 15:10

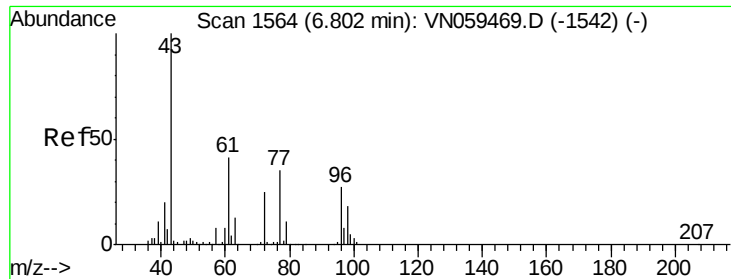
Tgt Ion: 77 Resp: 108274

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.240 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

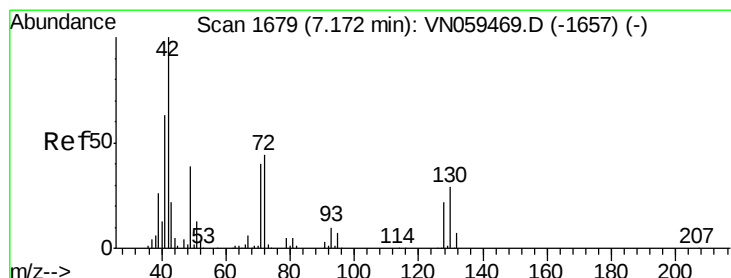
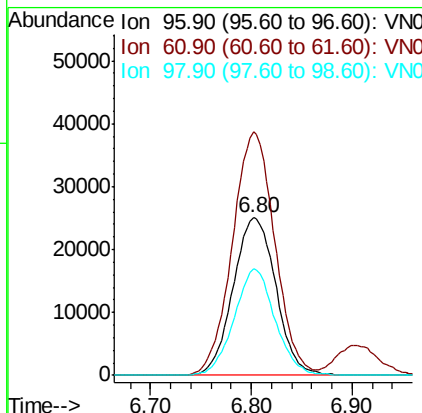
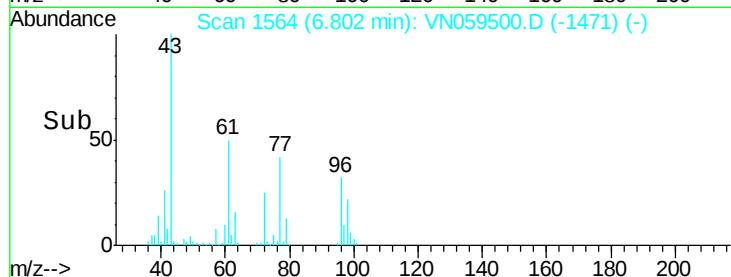
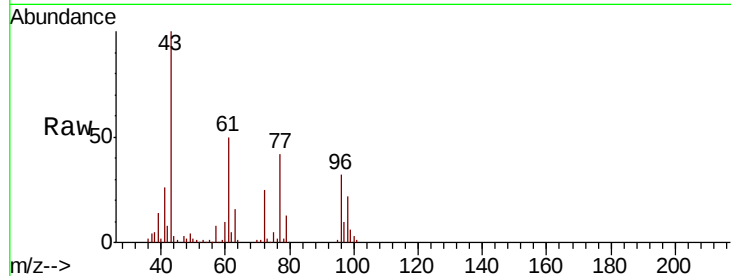
ClientSampleId :

VN1205WBSD01

Tot Ion:	96	Resp:	73635
Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	307.4
98	64.6	0.0	129.2

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#28

Bromochloromethane

Concen: 21.243 ug/l

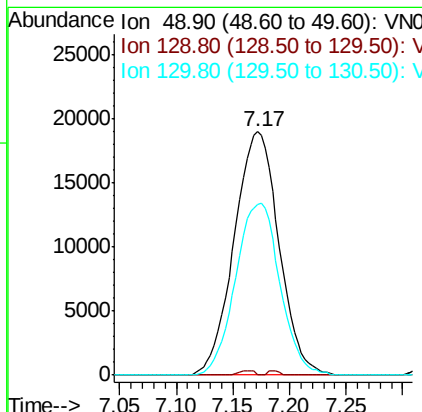
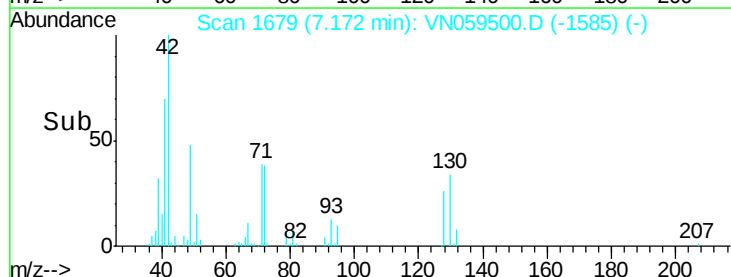
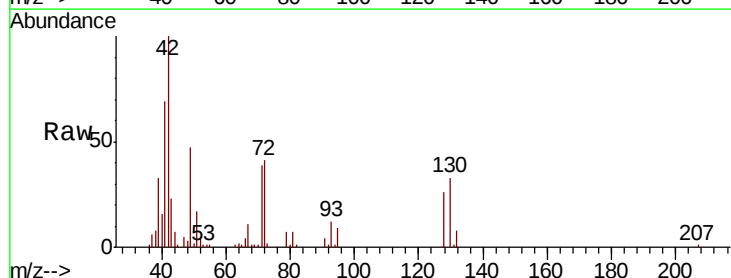
RT: 7.17 min Scan# 1679

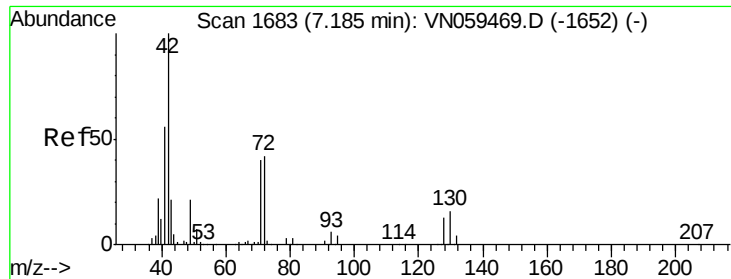
Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Tgt Ion:	49	Resp:	52194
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	3.2
130	70.0	58.4	87.6





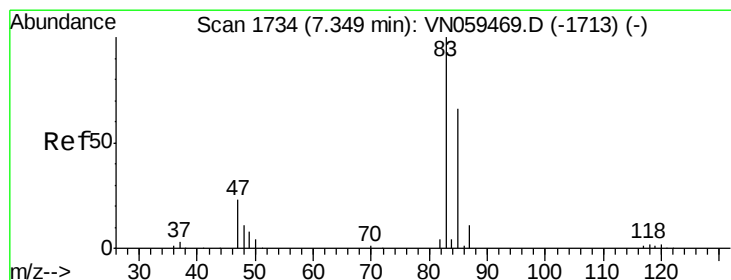
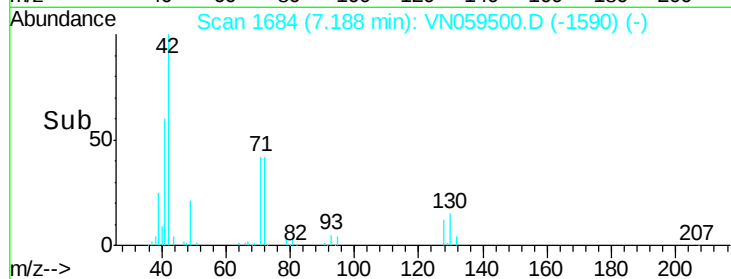
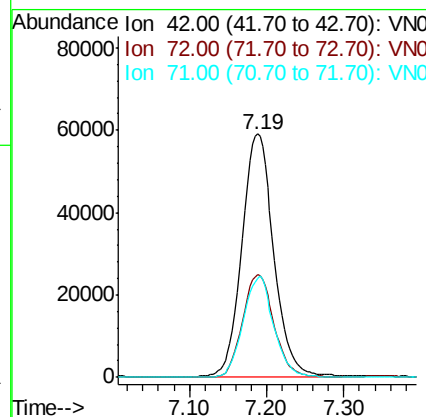
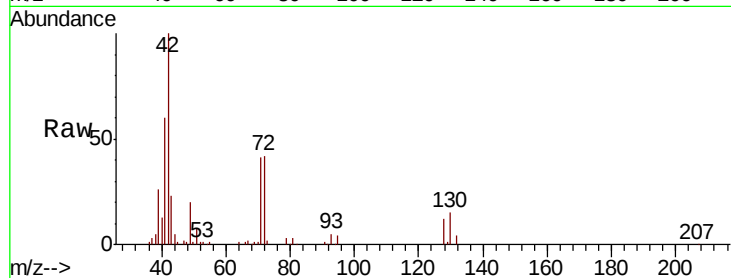
#29
Tetrahydrofuran
Concen: 95.450 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.2	51.2
71	40.1	32.0	48.0

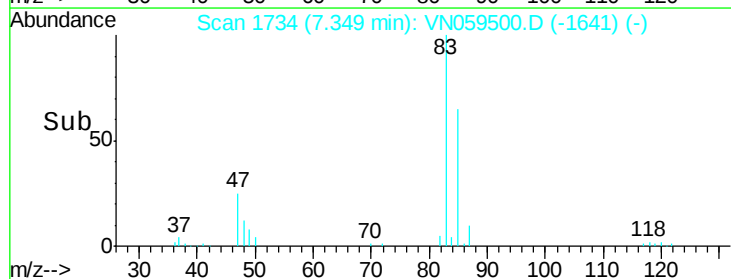
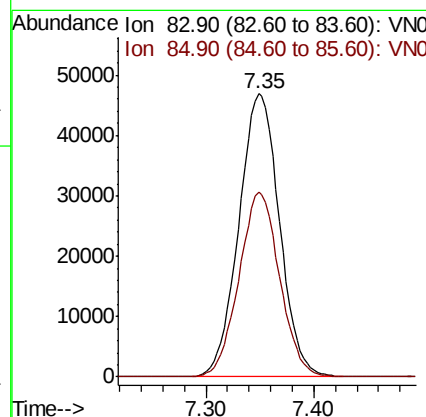
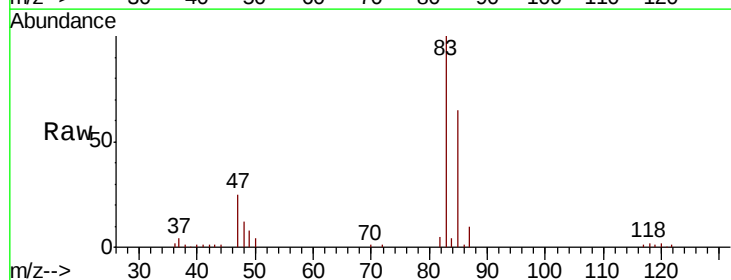
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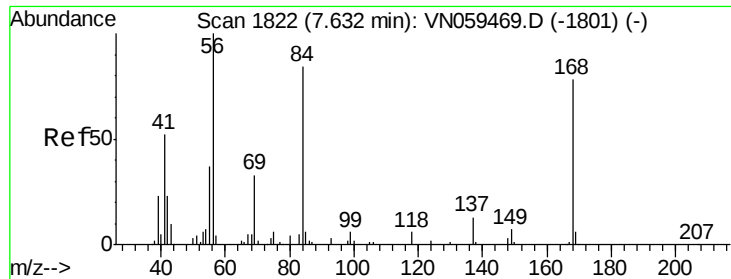
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#30
Chloroform
Concen: 19.807 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.4	78.6





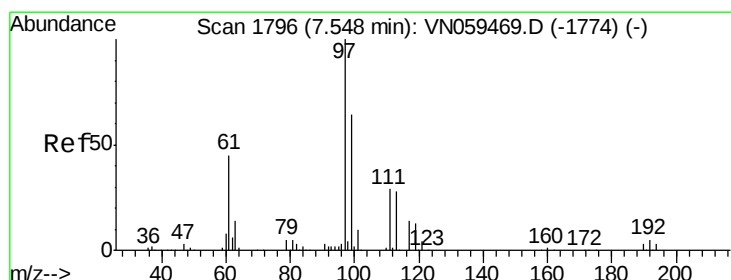
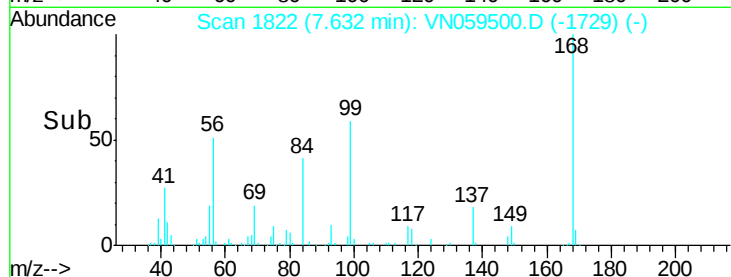
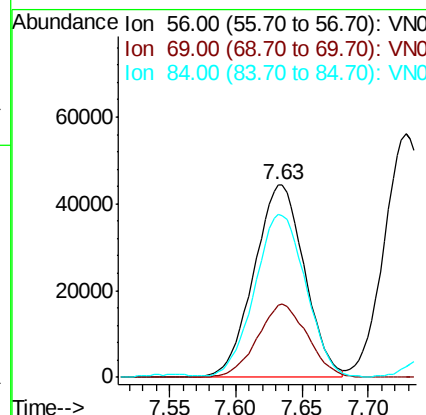
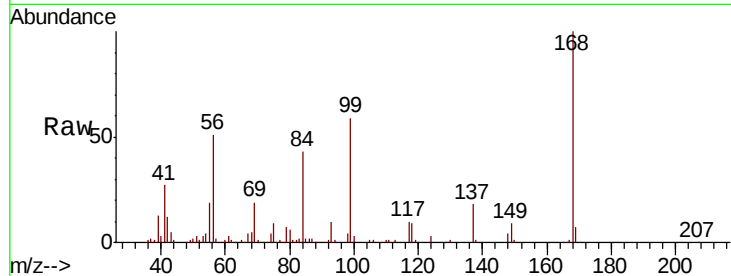
#31
Cyclohexane
Concen: 18.988 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampled :
VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.4	26.2	39.4
84	83.4	66.8	100.2

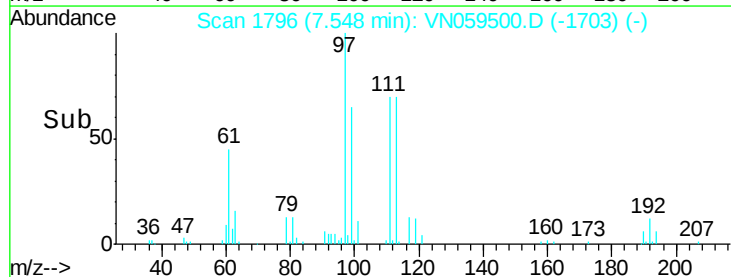
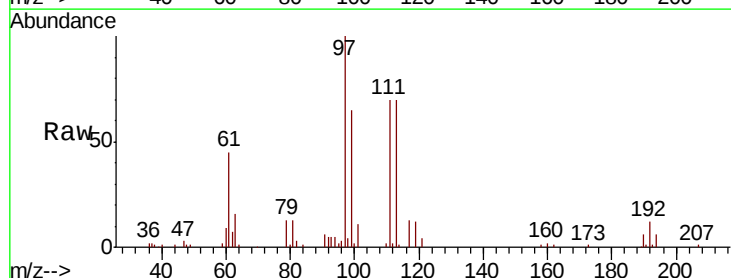
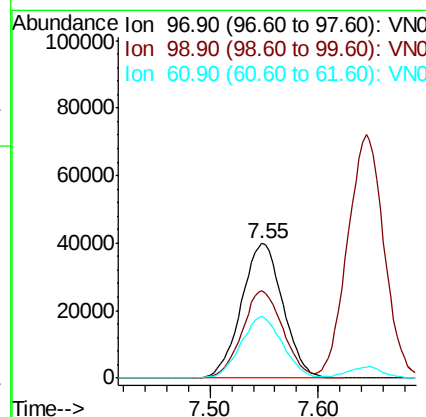
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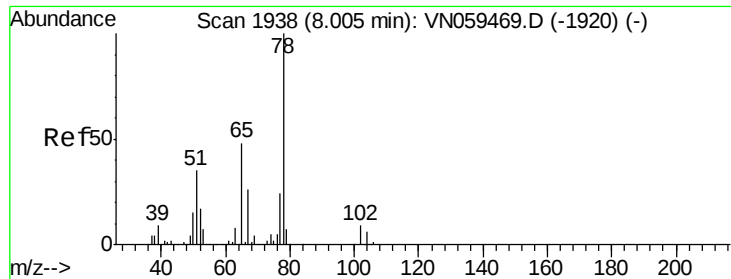
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#32
1,1,1-Trichloroethane
Concen: 19.817 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	45.9	35.4	53.0





#33

1,2-Dichloroethane-d4

Concen: 54.963 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tot Ion: 65 Resp: 202738

Ion Ratio Lower Upper

65 100

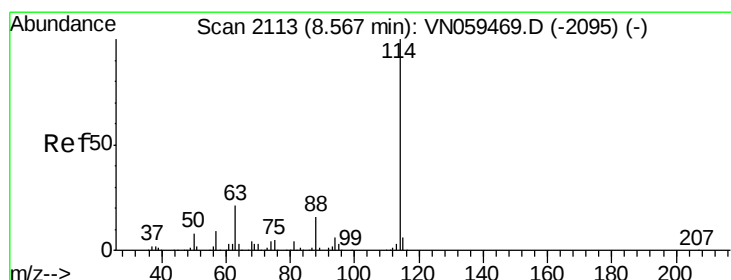
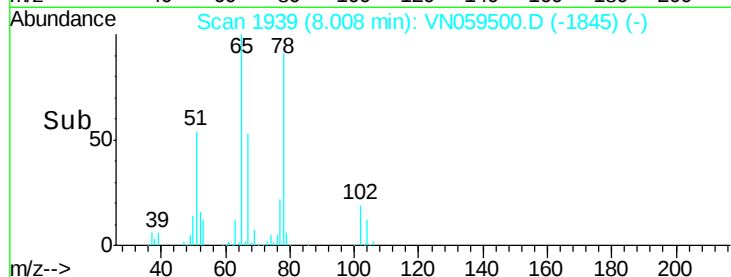
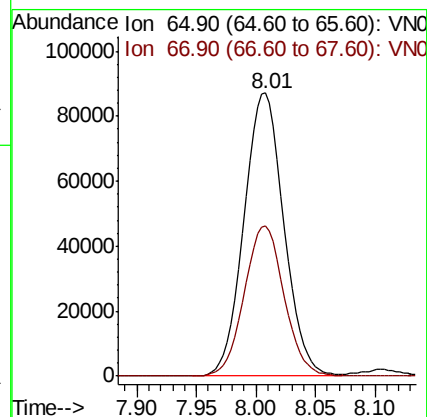
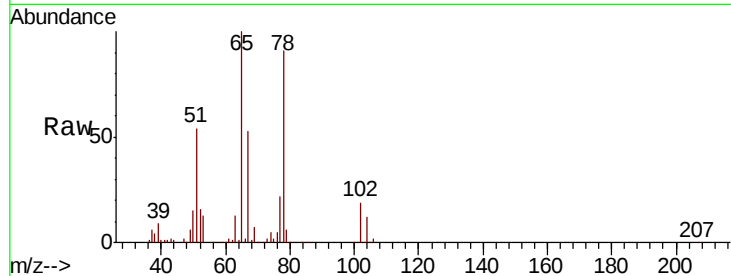
67 52.8 0.0 107.4

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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: VN059500.D

Acq: 5 Dec 2019 15:10

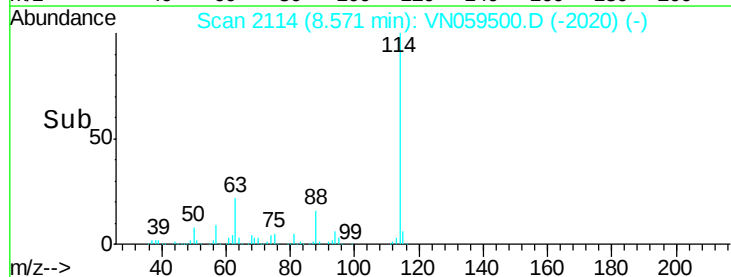
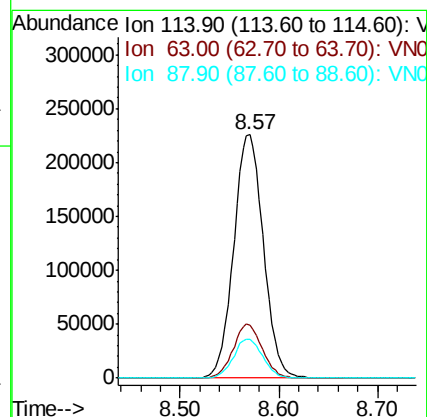
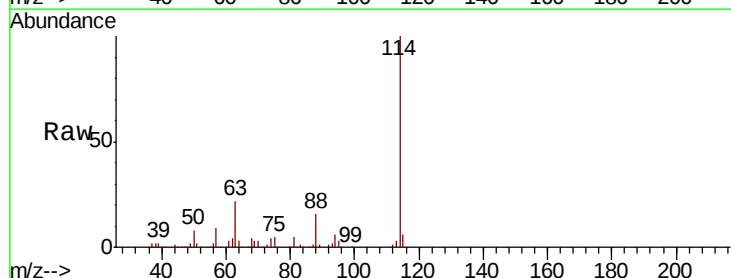
Tgt Ion: 114 Resp: 473153

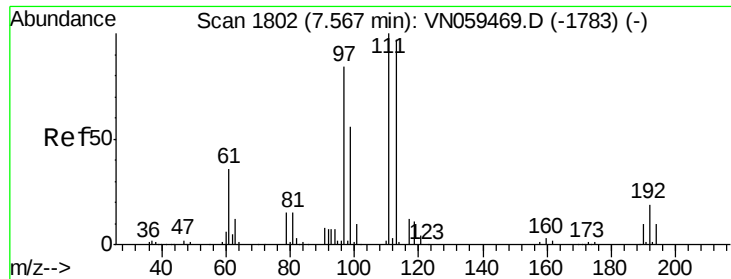
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

88 15.9 0.0 32.8





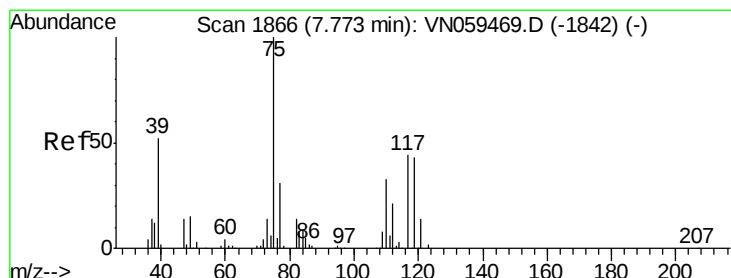
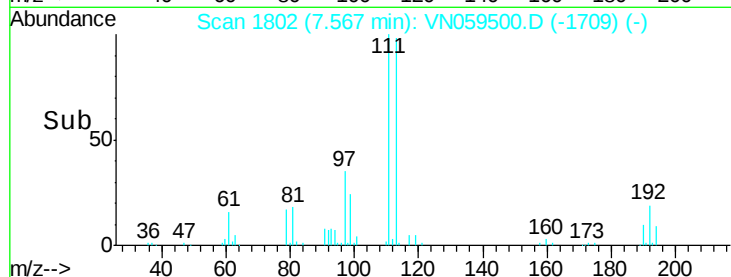
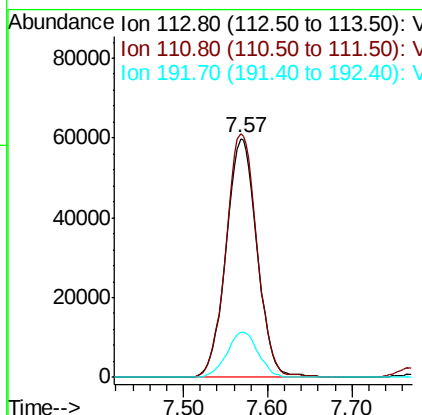
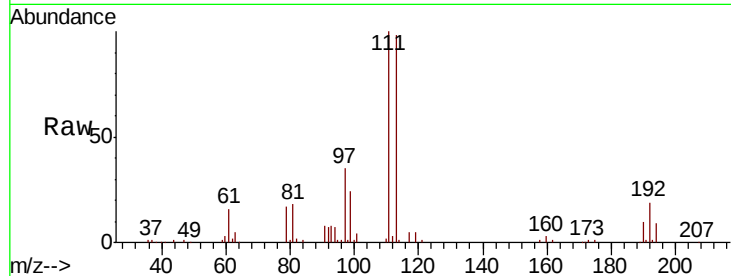
#35
 Dibromofluoromethane
 Concen: 51.737 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	152465		
111	102.2	82.5	123.7	
192	19.2	16.1	24.1	

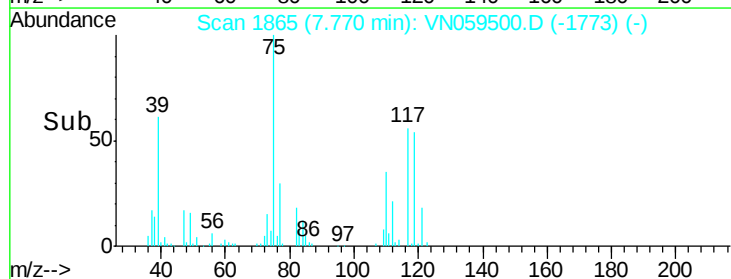
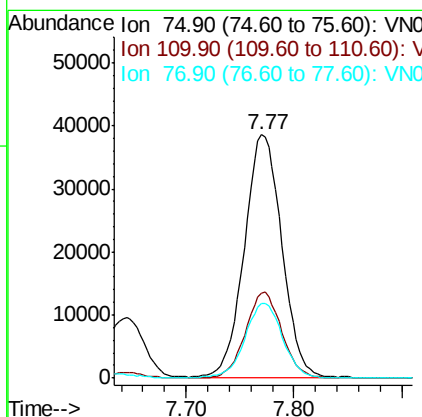
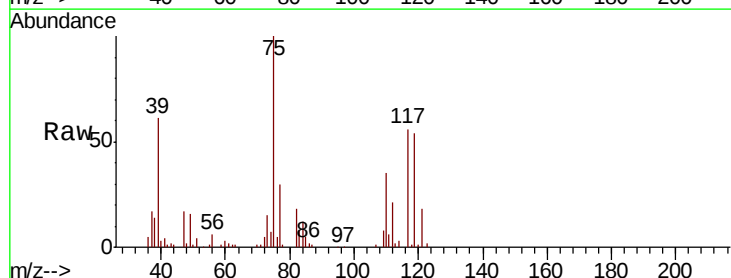
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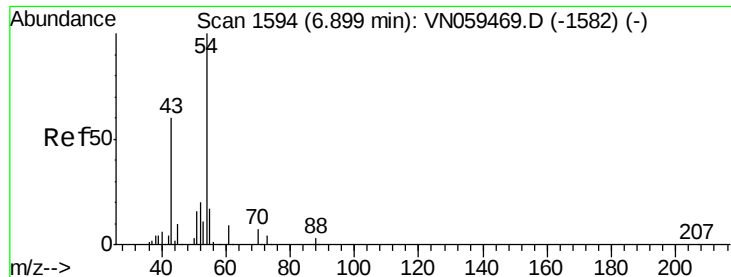
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#36
 1,1-Dichloropropene
 Concen: 18.862 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	92873		
110	34.2	16.9	50.7	
77	30.9	25.1	37.7	





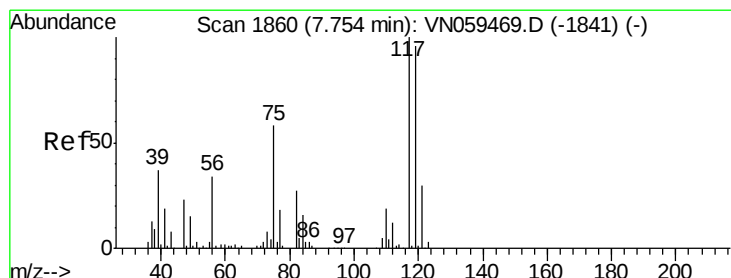
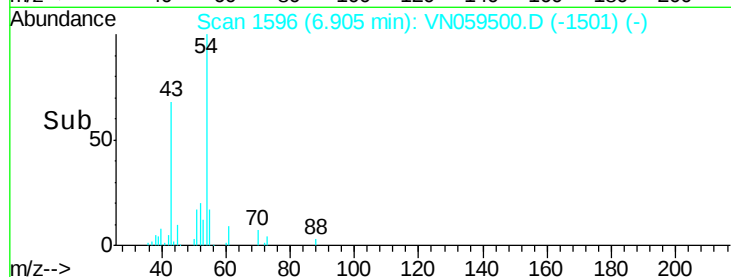
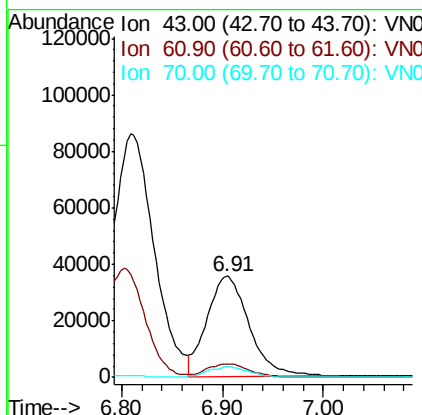
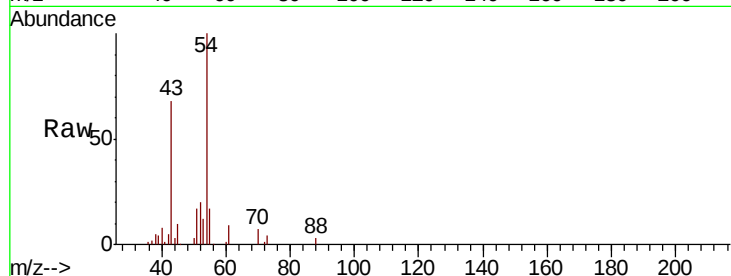
#37
Ethyl Acetate
Concen: 18.686 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampled :
VN1205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	13.8		11.3	16.9
70	10.3		8.3	12.5

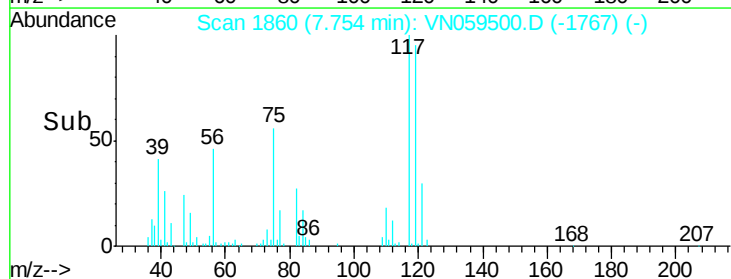
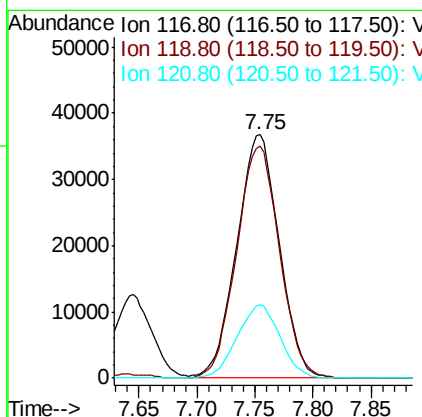
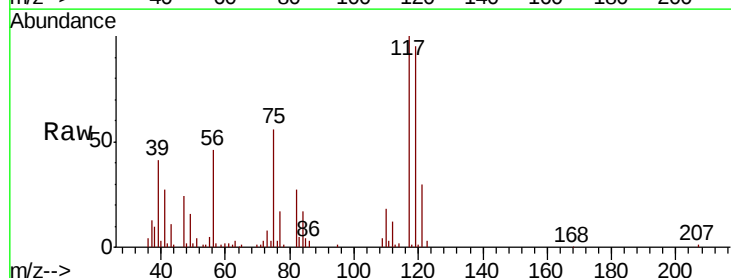
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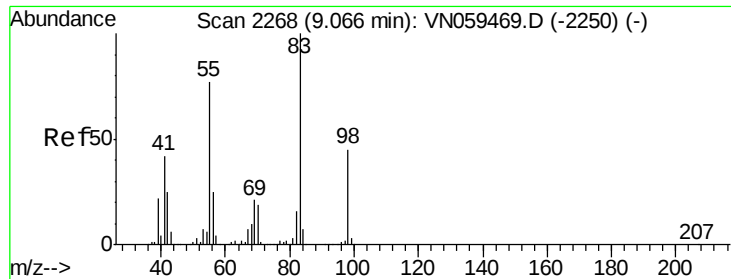
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#38
Carbon Tetrachloride
Concen: 19.815 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2		76.6	114.8
121	30.4		24.0	36.0





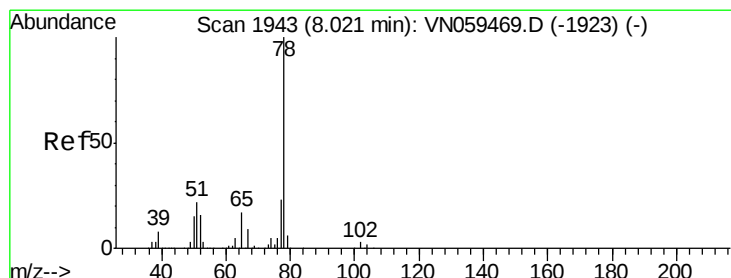
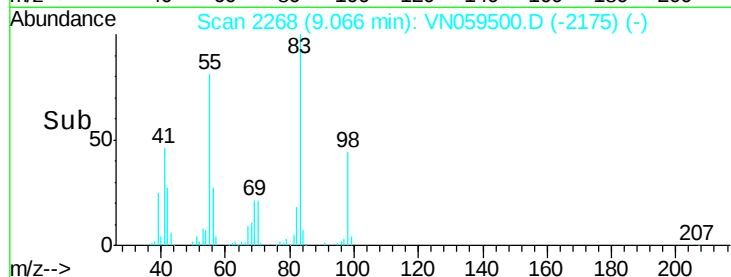
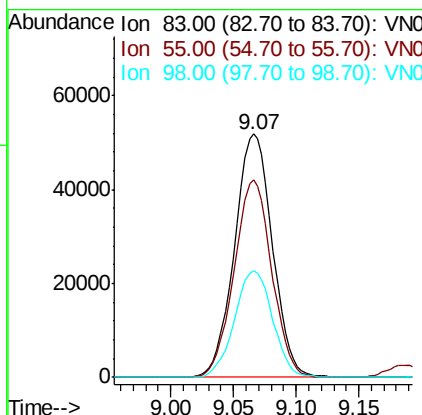
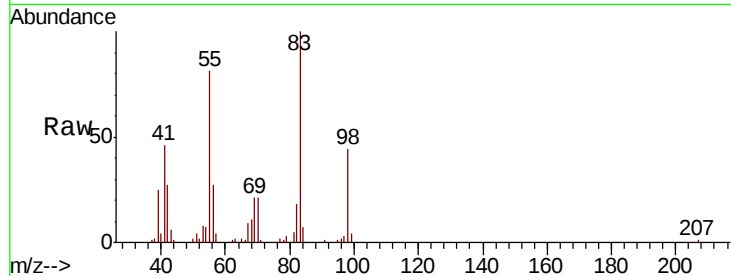
#39
Methvlcvclohexane
Concen: 18.384 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	80.9	61.8	92.6	
98	43.9	36.2	54.2	

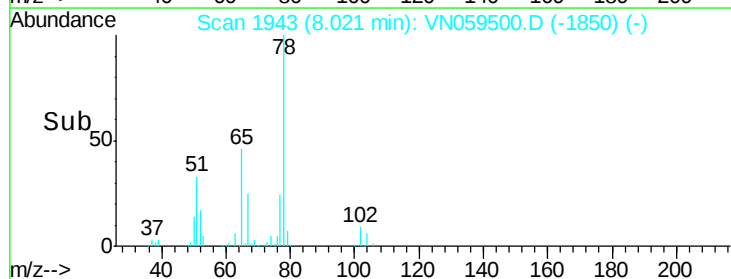
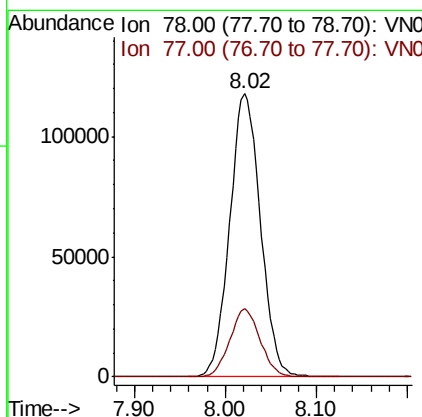
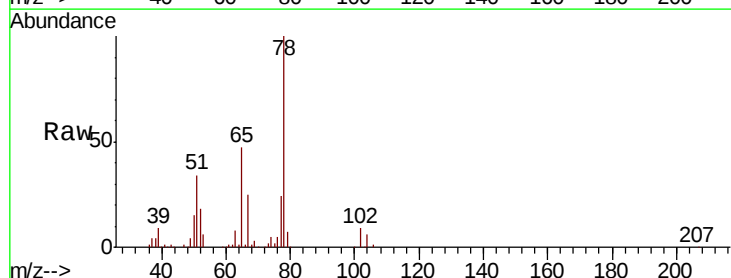
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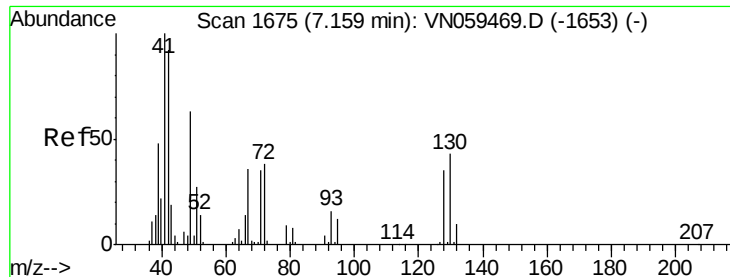
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#40
Benzene
Concen: 19.187 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	18.2	27.2	





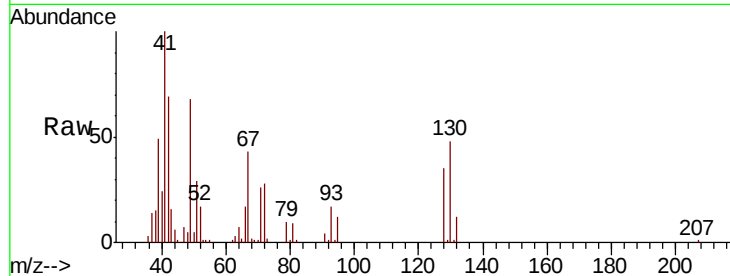
#41
Methacrylonitrile
Concen: 22.126 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampled :
VN1205WBSD01

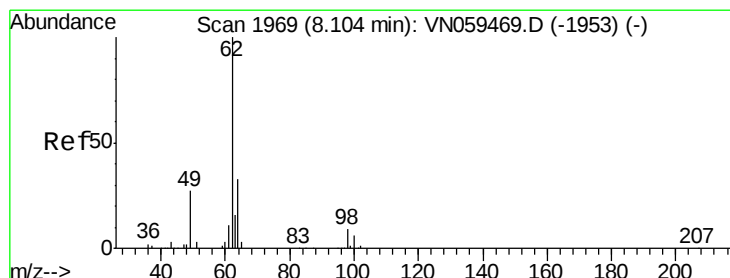
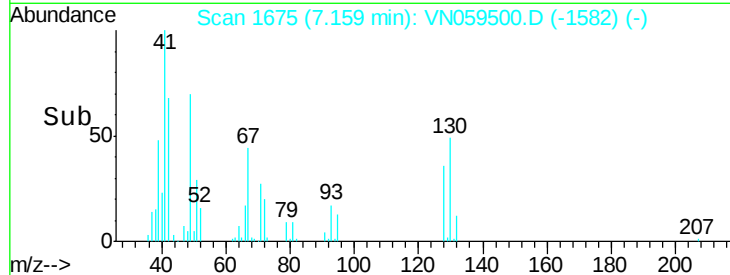
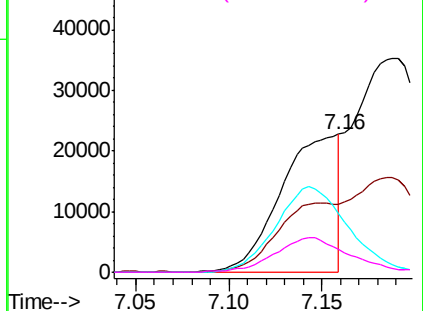
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		49320		
39	0.0	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

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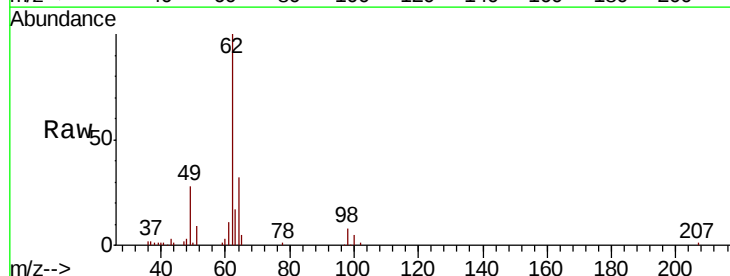


Abundance Ion 41.00 (40.70 to 41.70): VN059469.D (-1653) (-)
Ion 39.00 (38.70 to 39.70): VN059469.D (-1653) (-)
Ion 67.00 (66.70 to 67.70): VN059469.D (-1653) (-)
Ion 52.00 (51.70 to 52.70): VN059469.D (-1653) (-)

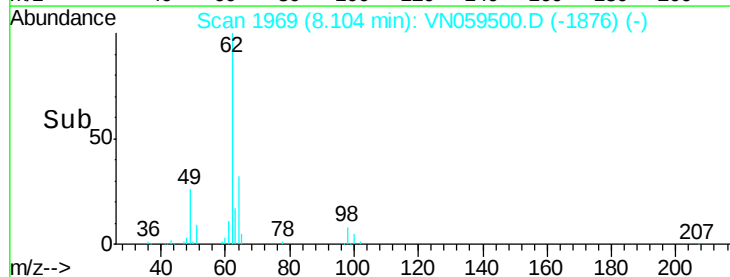
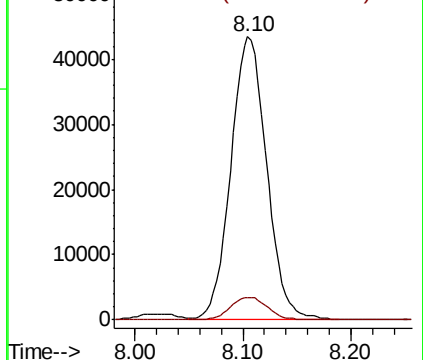


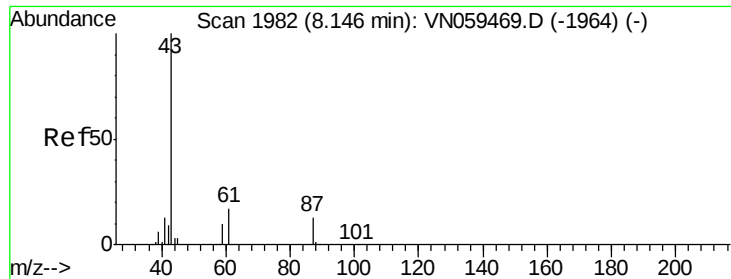
#42
1,2-Dichloroethane
Concen: 20.475 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		100283		
98	8.4	0.0	17.8		



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





#43

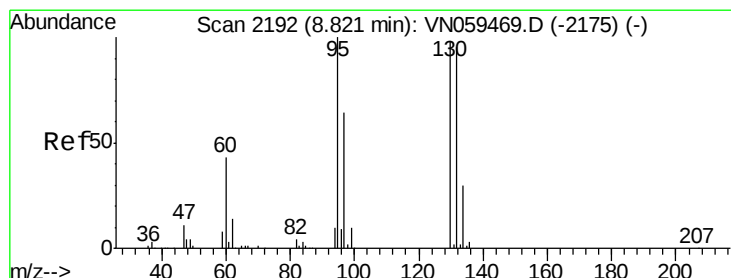
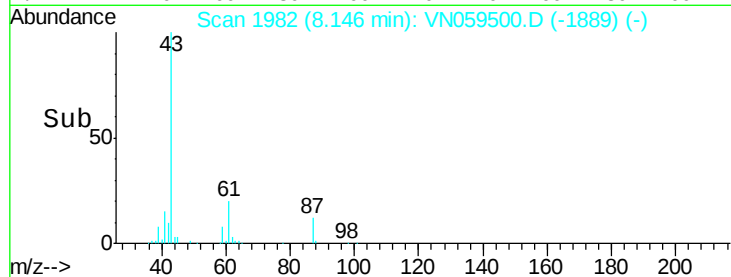
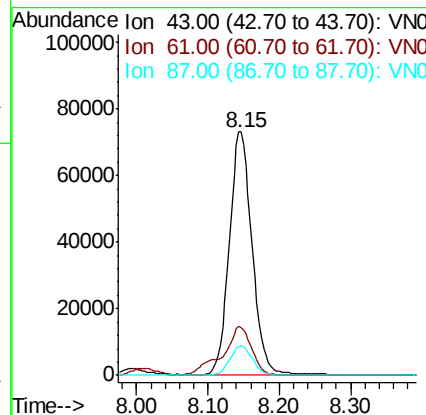
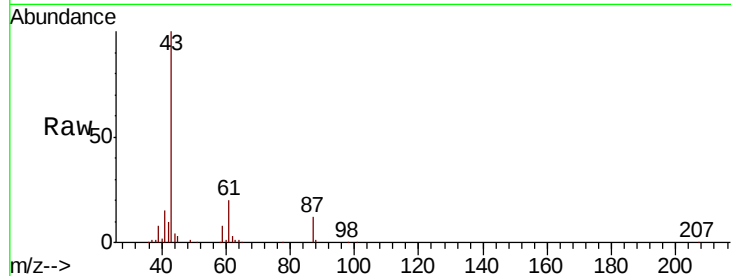
Isopropyl Acetate
 Concen: 19.932 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.6	21.0	31.6
87	11.9	10.4	15.6

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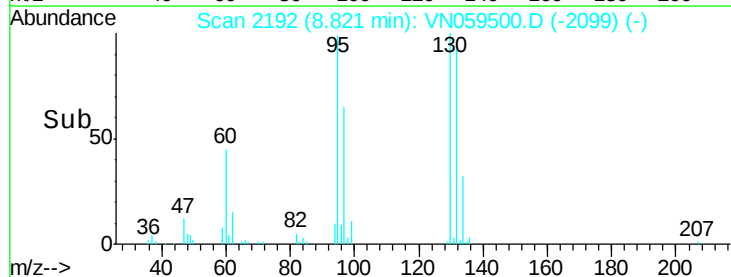
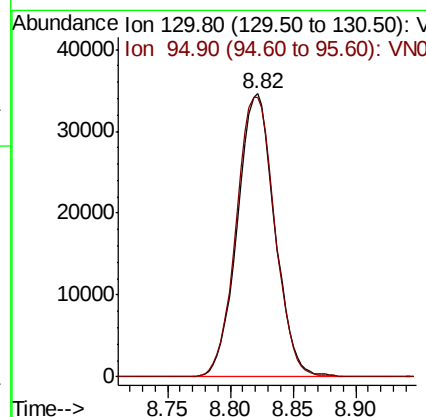
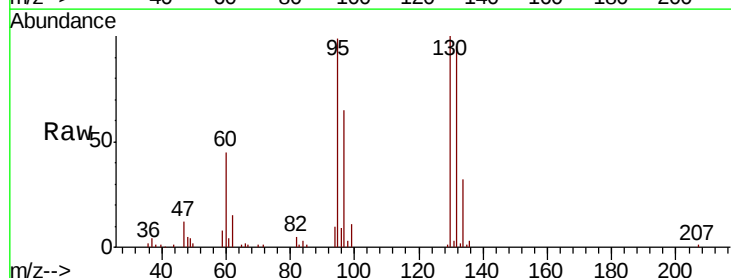
apatel
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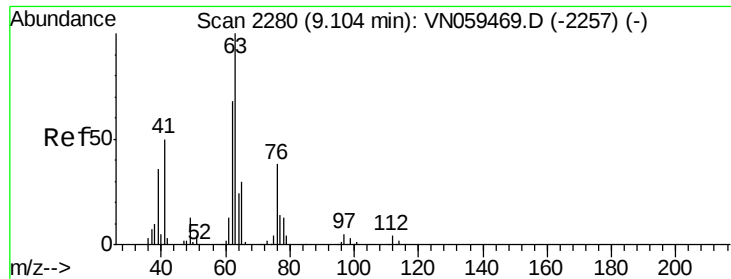


#44

Trichloroethene
 Concen: 19.014 ug/l
 RT: 8.82 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	203.6





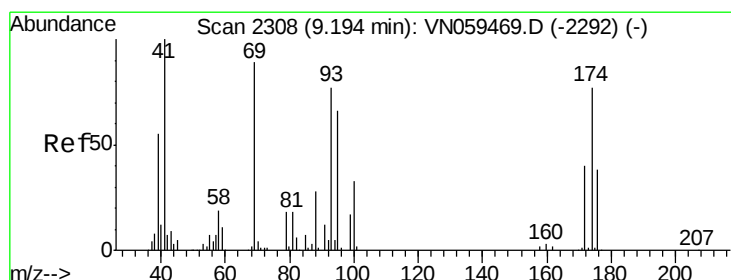
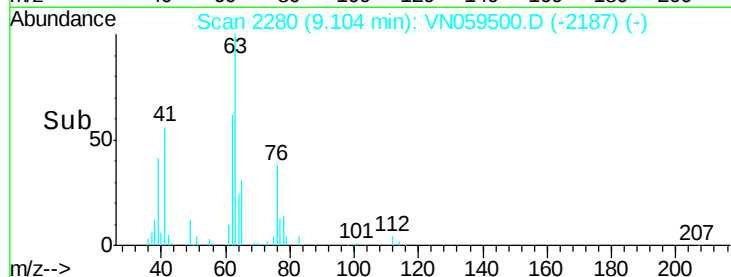
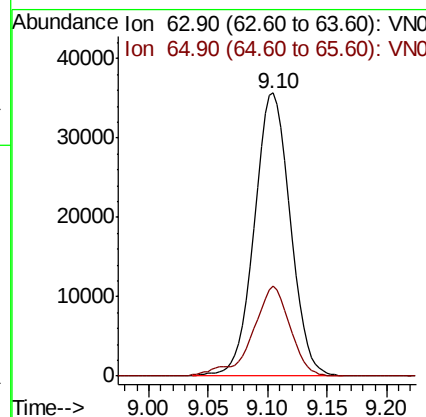
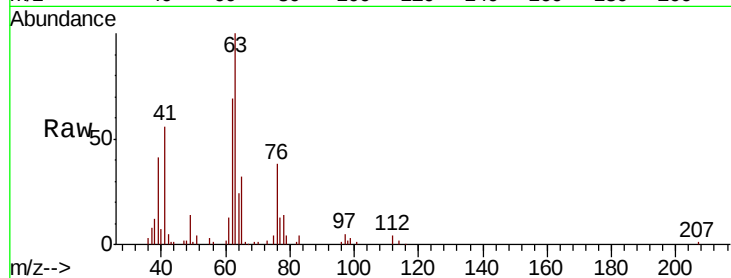
#45
 1,2-Dichloropropane
 Concen: 19.383 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tot Ion: 63 Resp: 74664
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.4 36.6

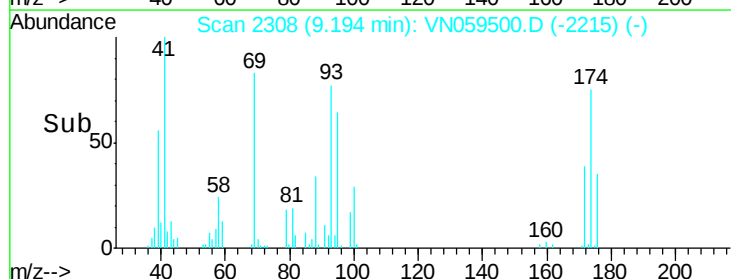
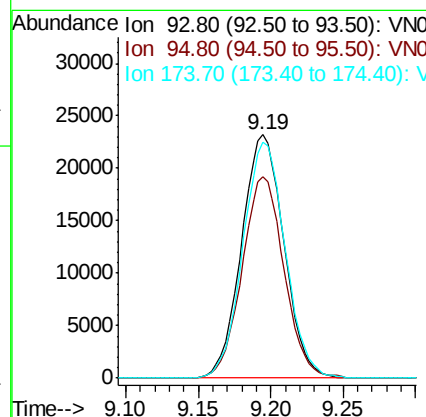
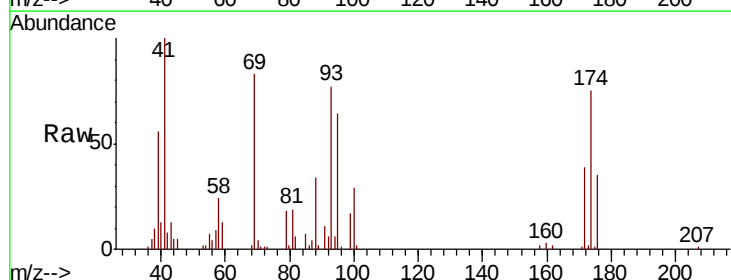
Manual Integrations
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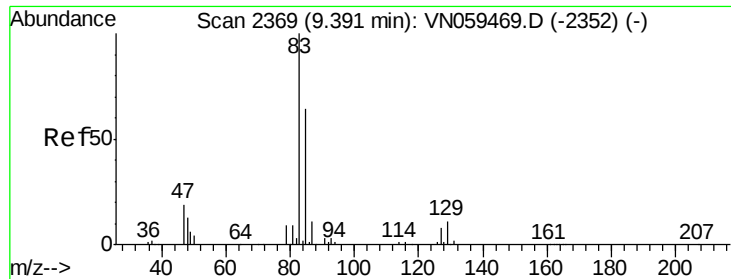
apatel
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#46
 Dibromomethane
 Concen: 19.654 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Tgt Ion: 93 Resp: 47135
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.0 100.6
 174 97.0 79.6 119.4





#47

Bromodichloromethane

Concen: 19.677 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

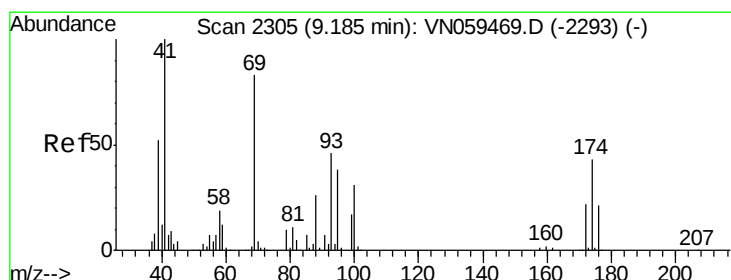
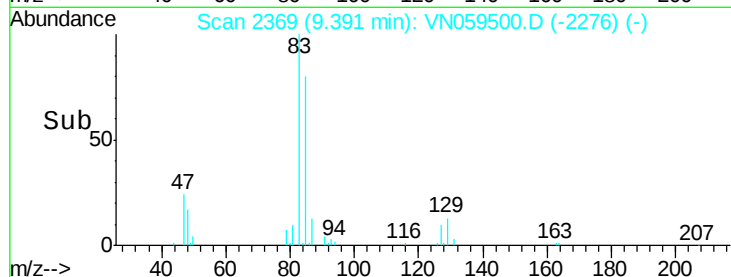
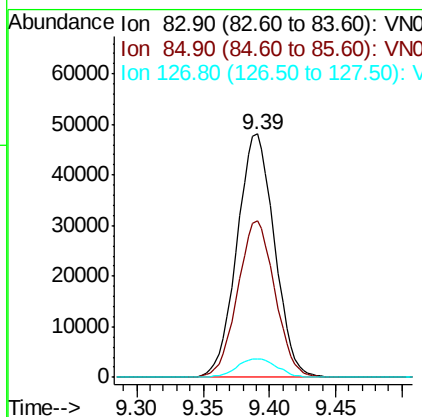
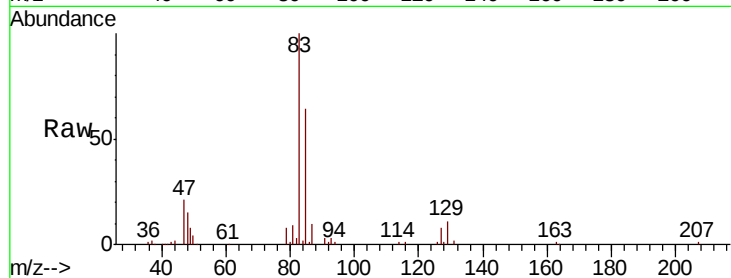
ClientSampleId :

VN1205WBSD01

Tot Ion:	83	Resp:	94622
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.6
127	7.8	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.242 ug/l

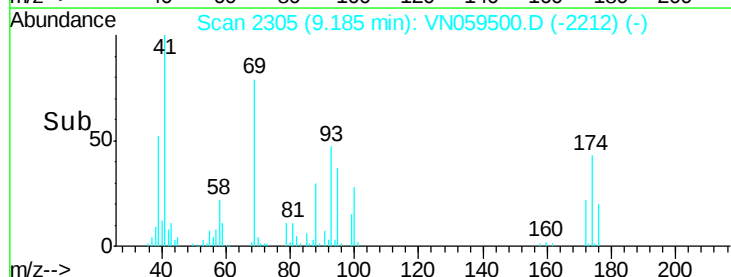
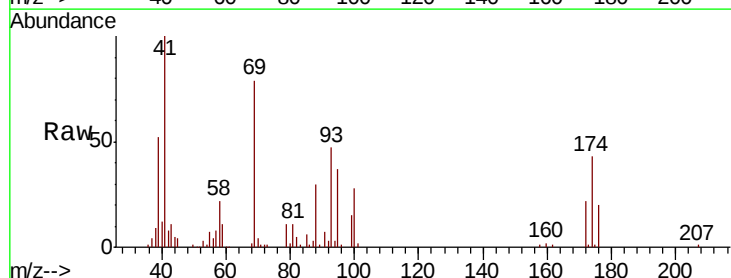
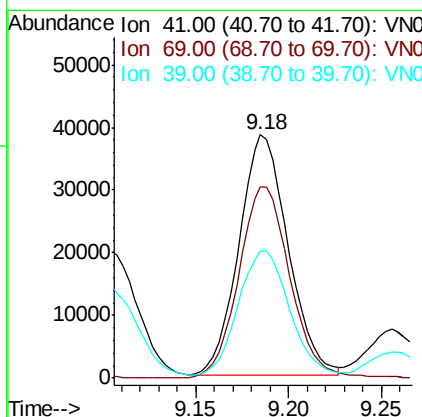
RT: 9.18 min Scan# 2305

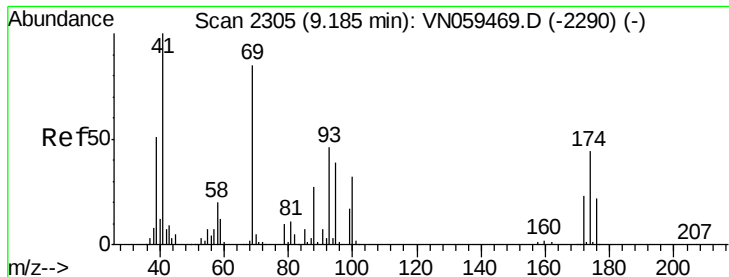
Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Tgt Ion:	41	Resp:	71013
Ion	Ratio	Lower	Upper
41	100		
69	83.3	68.6	103.0
39	55.7	43.2	64.8





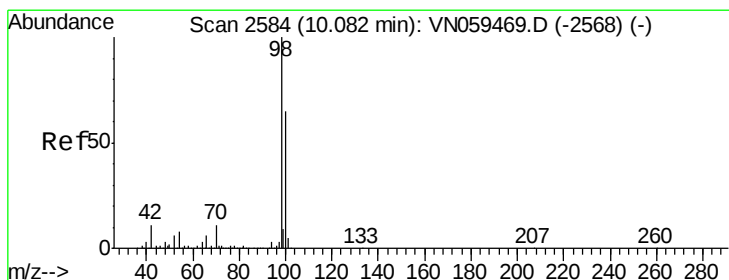
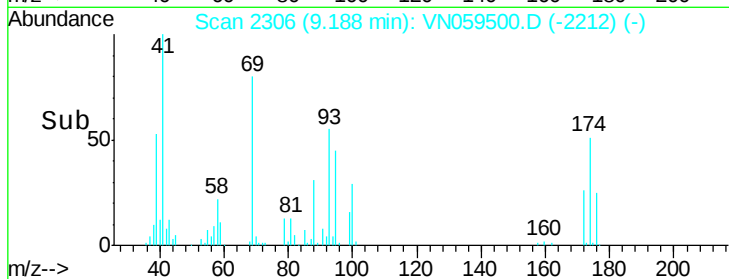
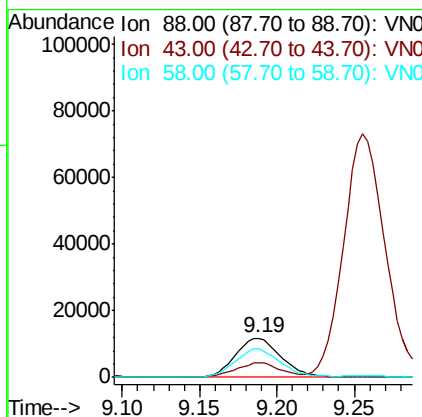
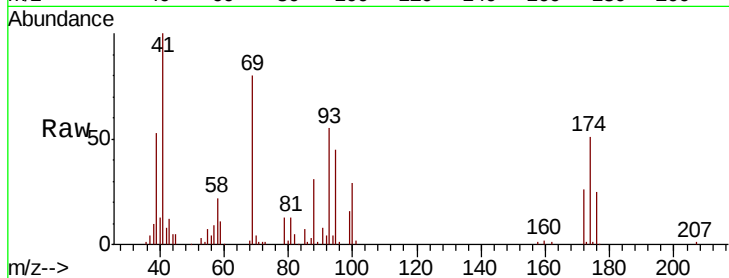
#49
1,4-Dioxane
Concen: 432.264 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.9	27.1	40.7
58	73.4	57.8	86.6

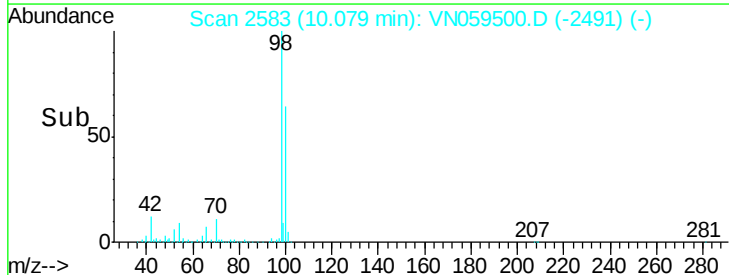
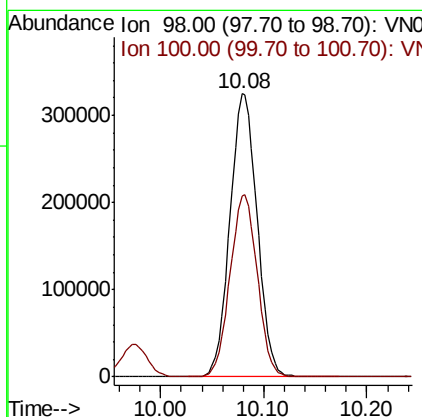
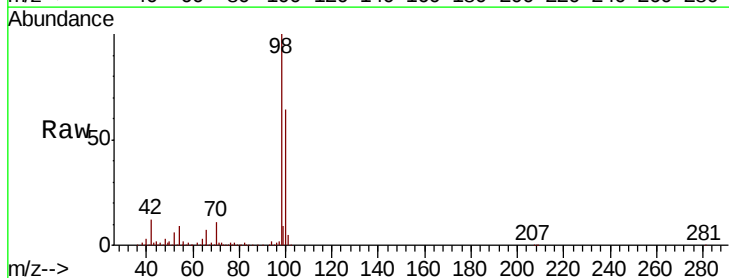
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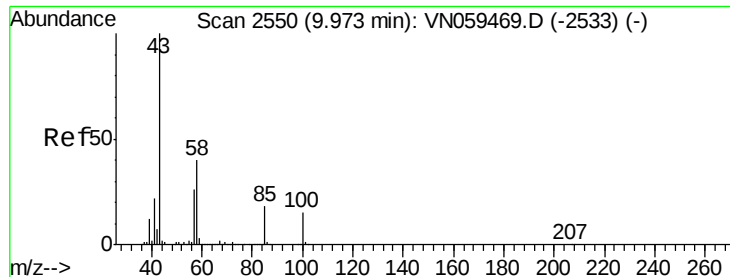
apatel
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#50
Toluene-d8
Concen: 51.492 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1





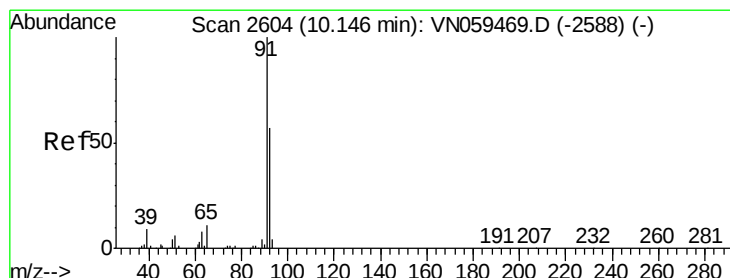
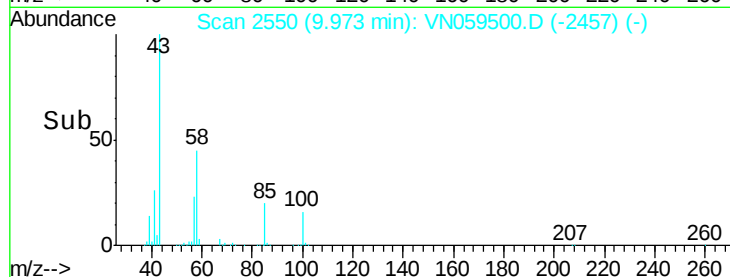
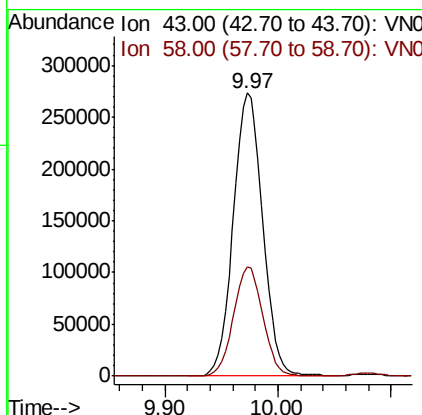
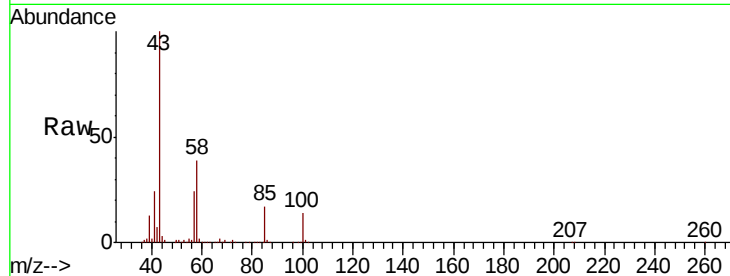
#51
4-Methyl-2-Pentanone
Concen: 102.000 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.5	32.1	48.1

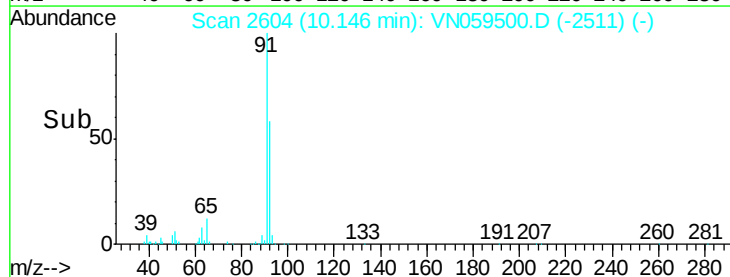
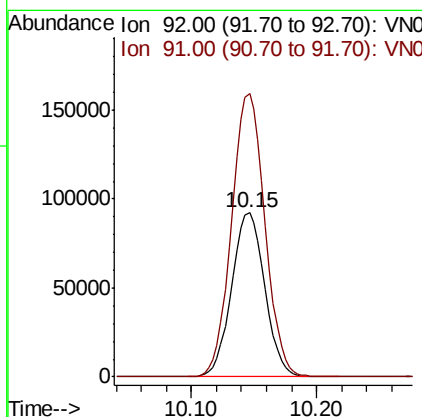
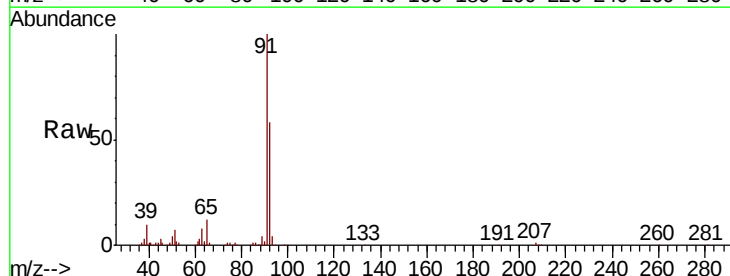
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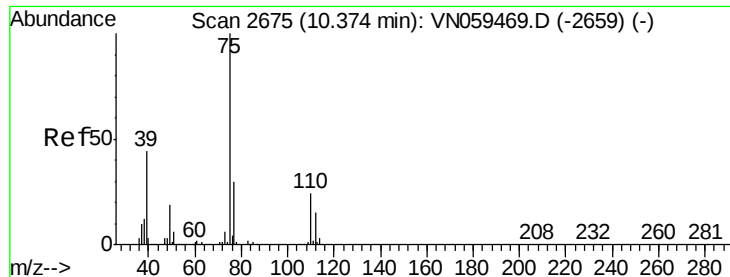
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#52
Toluene
Concen: 19.378 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.6	138.6	208.0





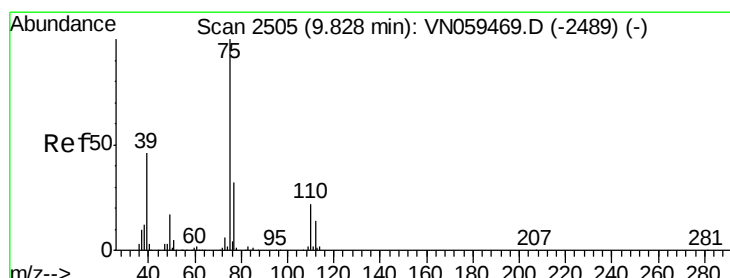
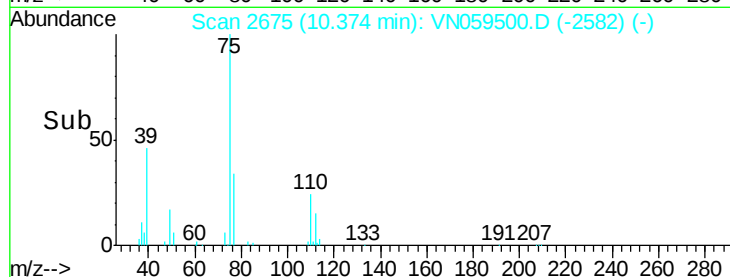
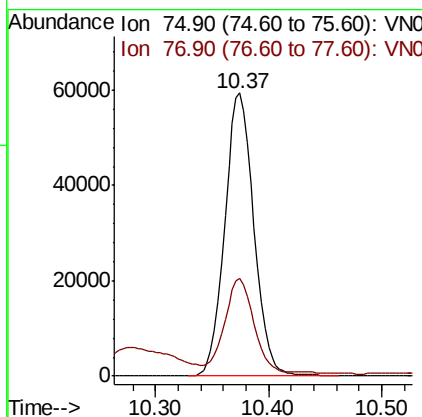
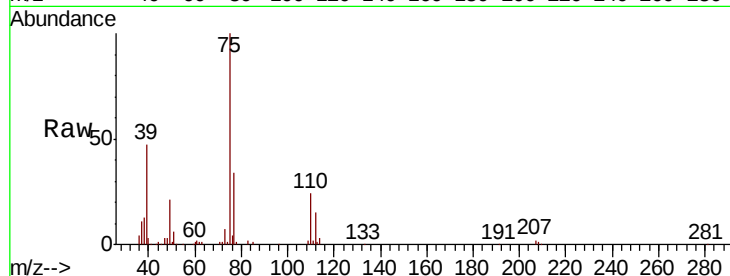
#53
t-1,3-Dichloropropene
Concen: 18.771 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.0	37.6

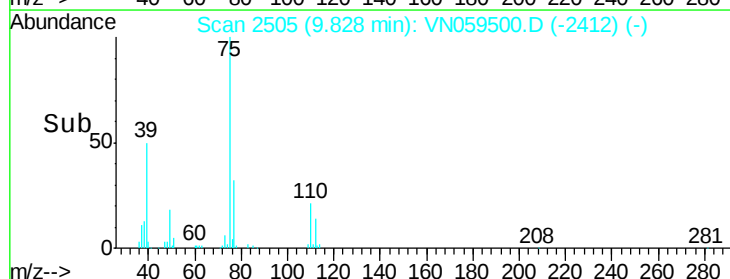
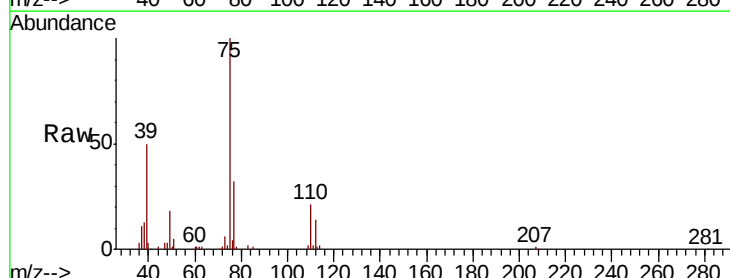
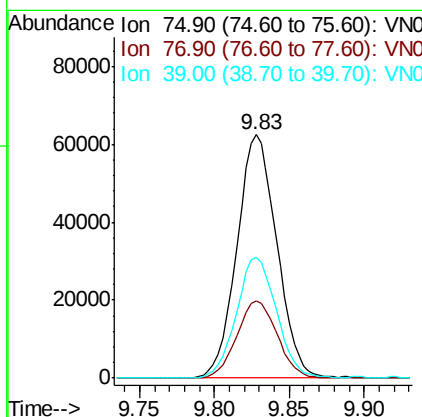
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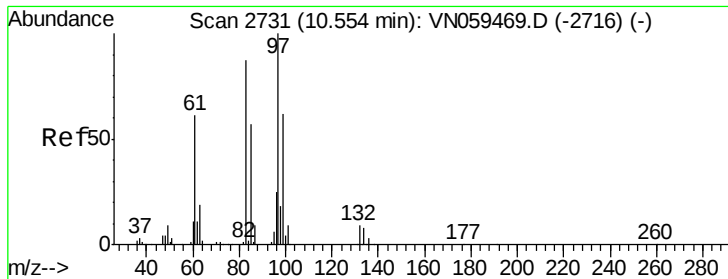
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#54
cis-1,3-Dichloropropene
Concen: 19.357 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.7	38.5
39	49.5	36.6	54.8





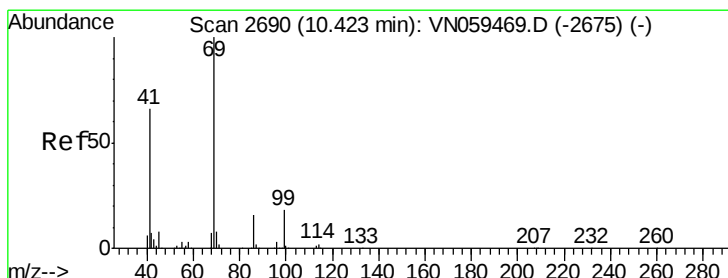
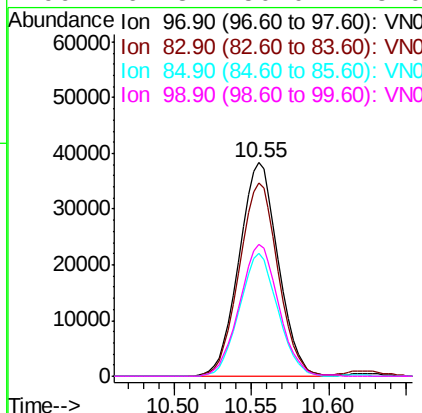
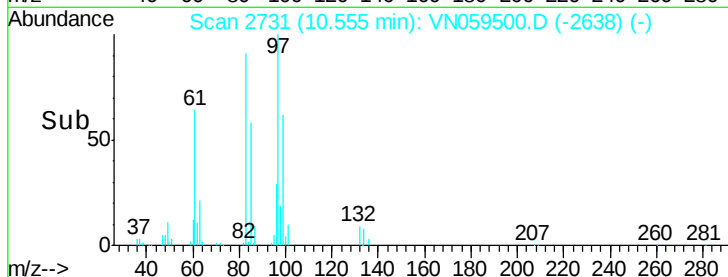
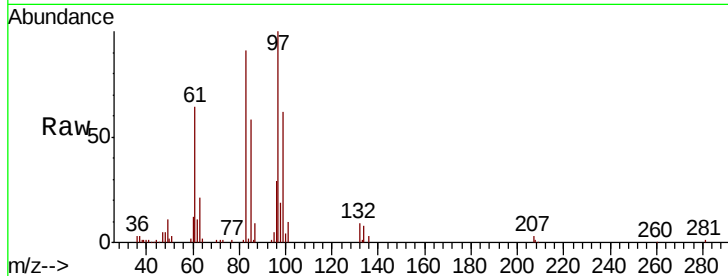
#55
 1,1,2-Trichloroethane
 Concen: 19.716 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		67775		
83	90.5	69.8	104.8		
85	57.6	45.5	68.3		
99	61.8	50.0	75.0		

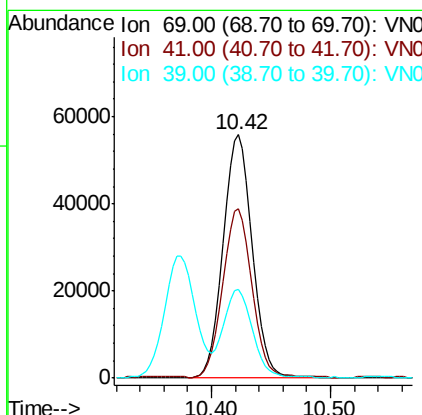
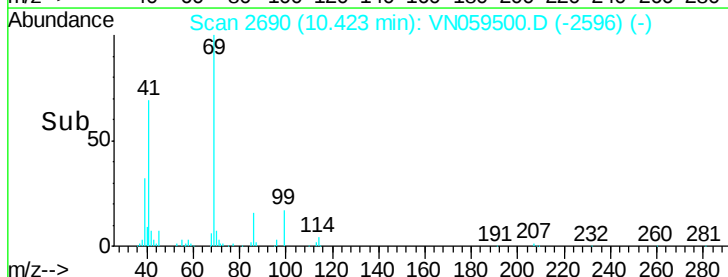
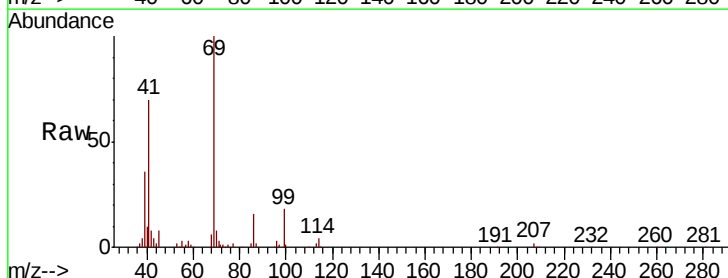
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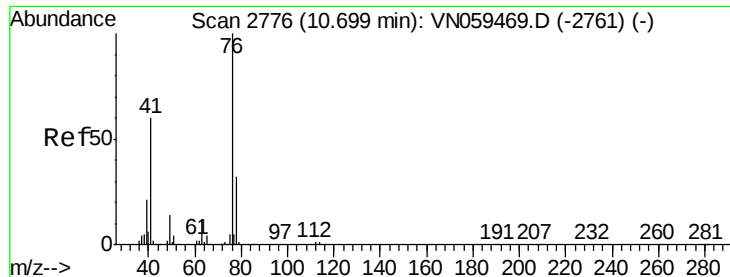
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#56
 Ethyl methacrylate
 Concen: 18.013 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		94922		
41	69.4	52.7	79.1		
39	36.1	25.0	37.6		





#57

1,3-Dichloropropane

Concen: 19.677 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tot Ion: 76 Resp: 116975

Ion Ratio Lower Upper

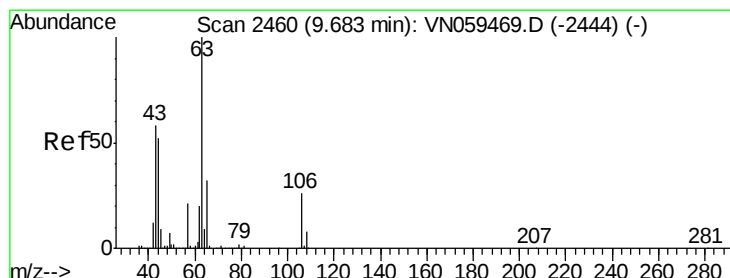
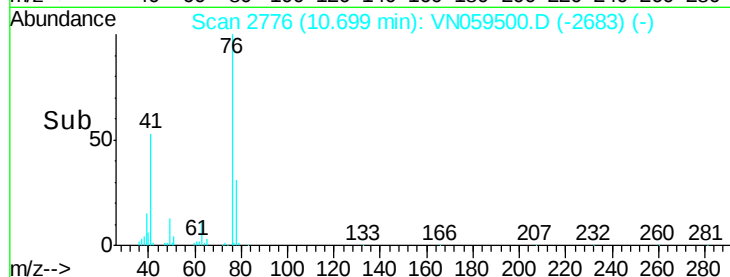
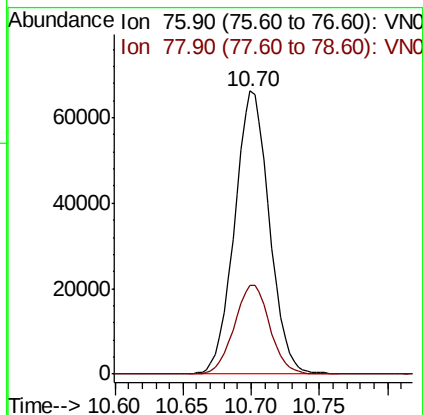
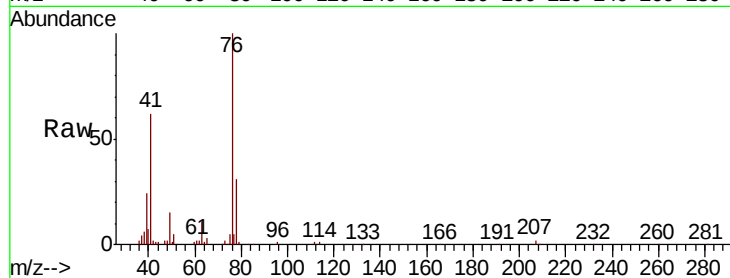
76 100

78 32.1 25.8 38.8

Manual Integrations
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apatel

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#58

2-Chloroethyl Vinyl ether

Concen: 92.258 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059500.D

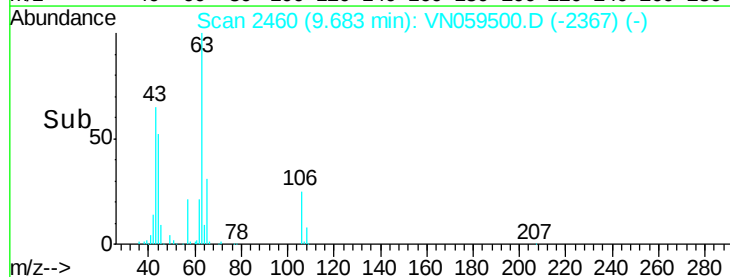
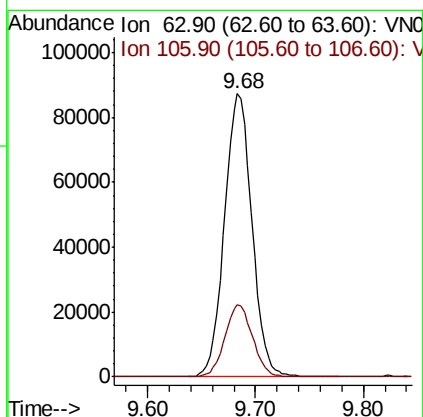
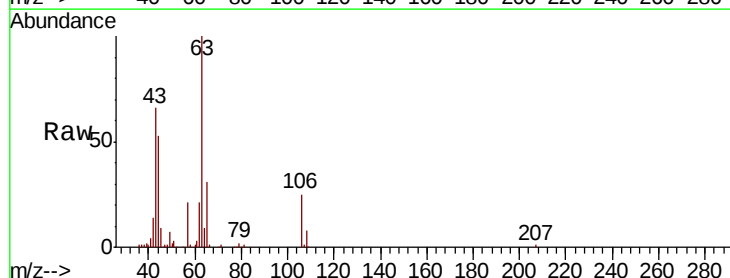
Acq: 5 Dec 2019 15:10

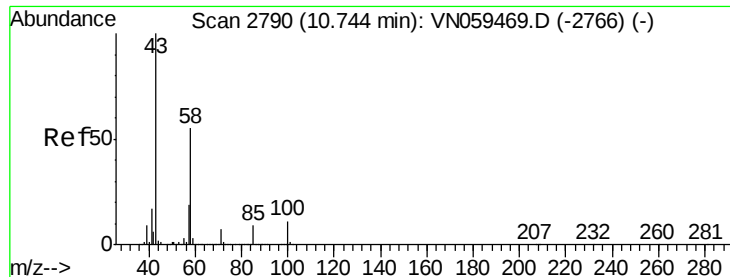
Tgt Ion: 63 Resp: 154906

Ion Ratio Lower Upper

63 100

106 25.5 20.4 30.6





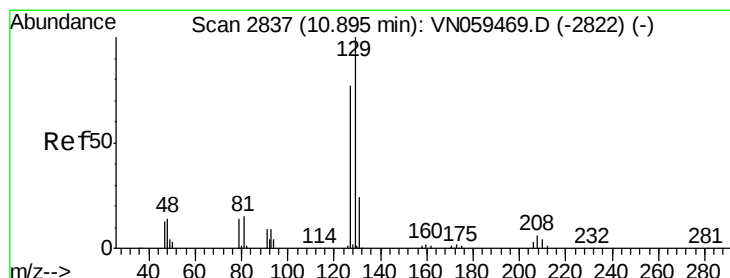
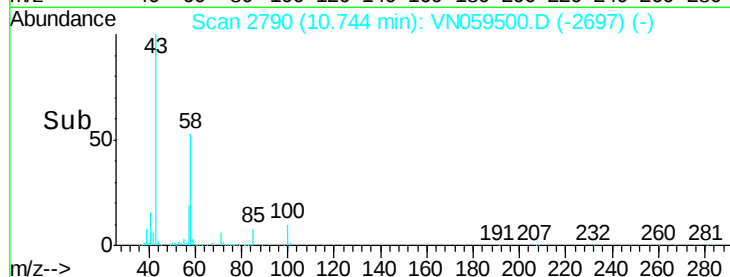
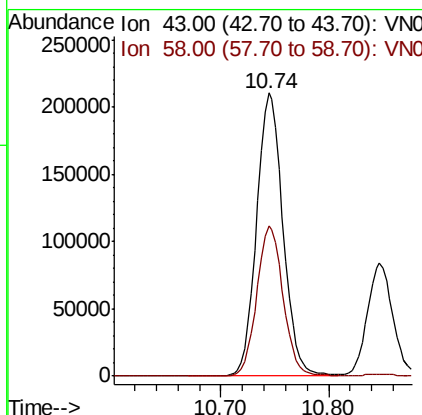
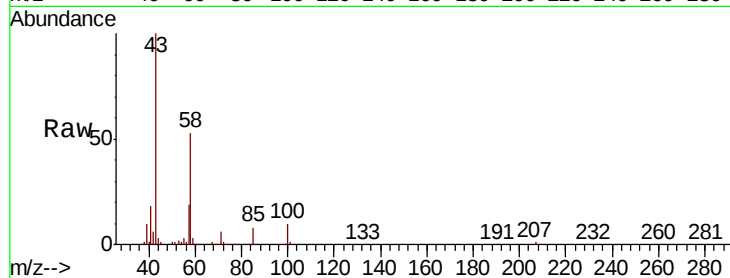
#59
2-Hexanone
Concen: 97.789 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion: 43 Resp: 357340
Ion Ratio Lower Upper
43 100
58 52.9 27.7 83.0

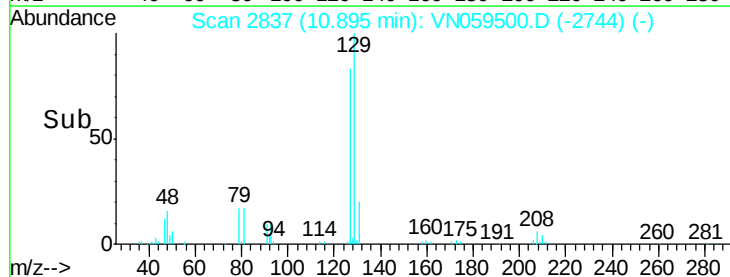
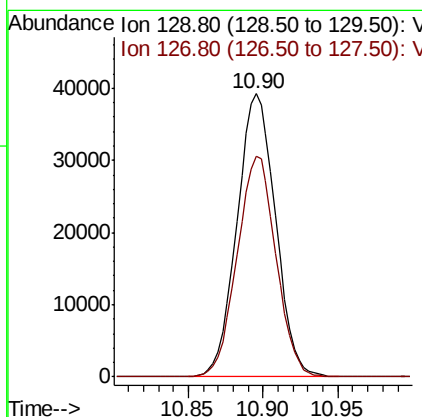
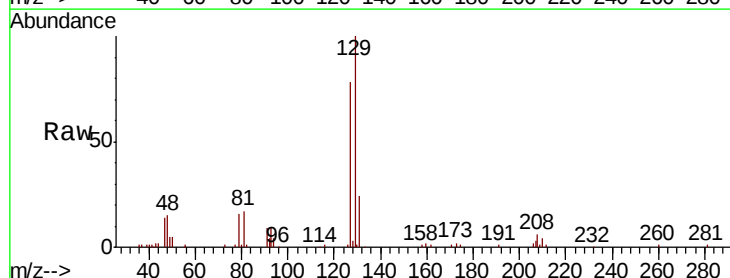
Manual Integrations
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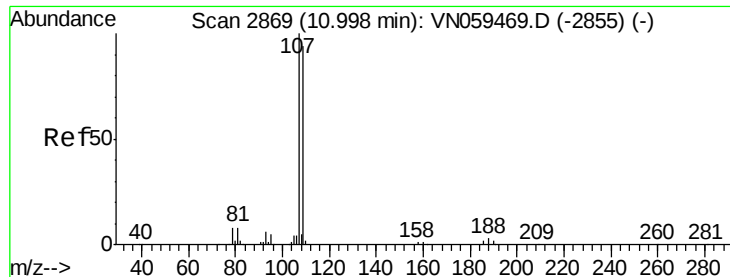
apatel
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#60
Dibromochloromethane
Concen: 19.159 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion: 129 Resp: 70322
Ion Ratio Lower Upper
129 100
127 78.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 19.293 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tot Ion: 107 Resp: 68529

Ion Ratio Lower Upper

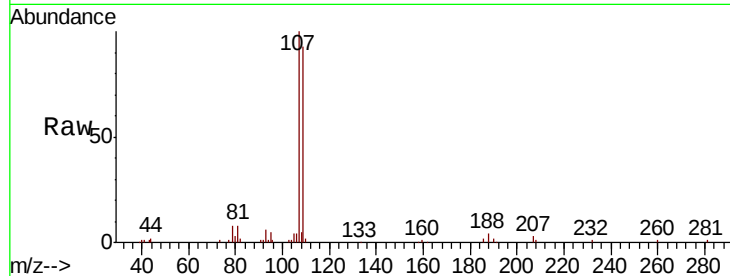
107 100

109 93.2 75.4 113.0

Manual Integrations
APPROVED

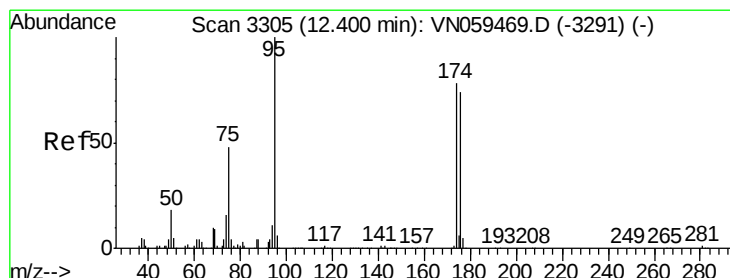
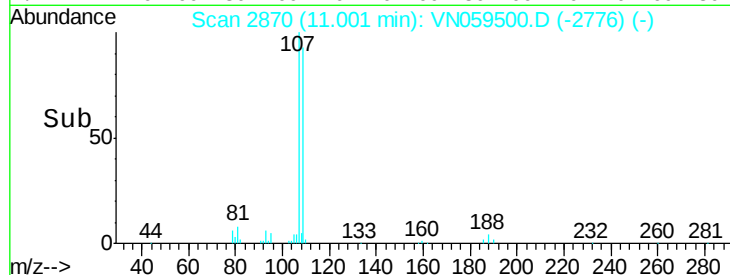
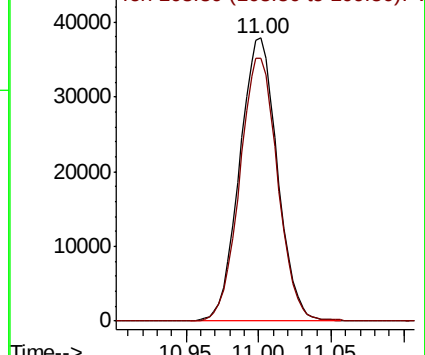
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.306 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

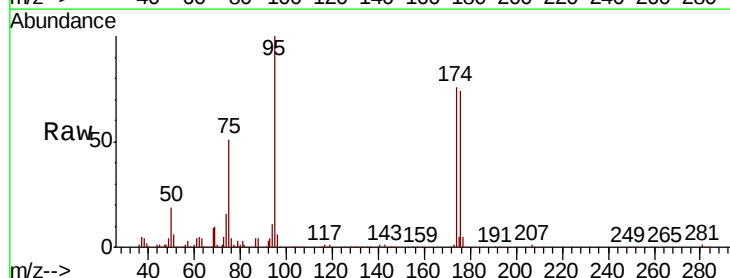
Tgt Ion: 95 Resp: 208185

Ion Ratio Lower Upper

95 100

174 76.7 0.0 157.0

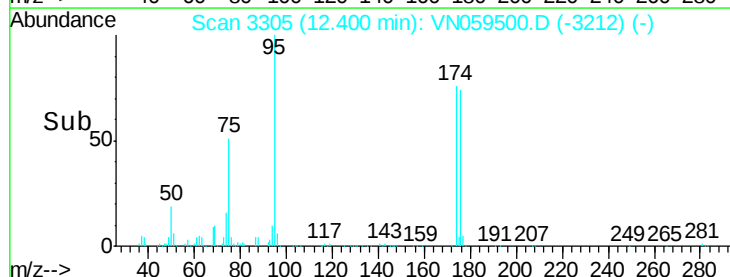
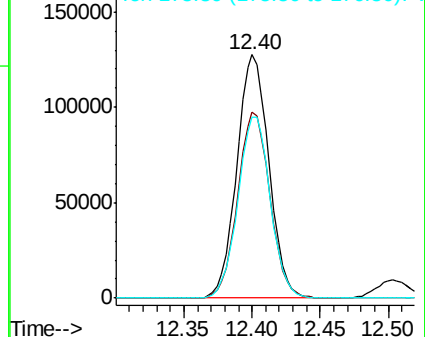
176 75.2 0.0 152.4

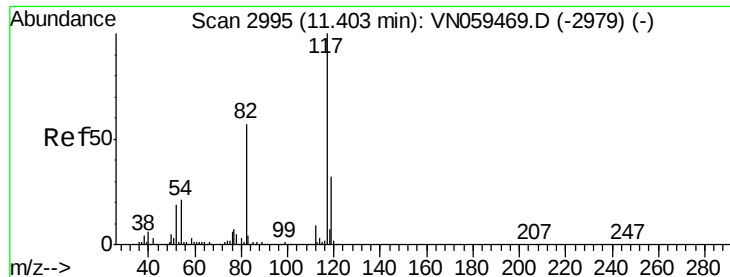


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

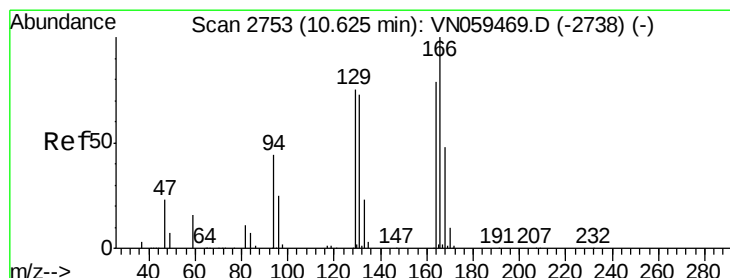
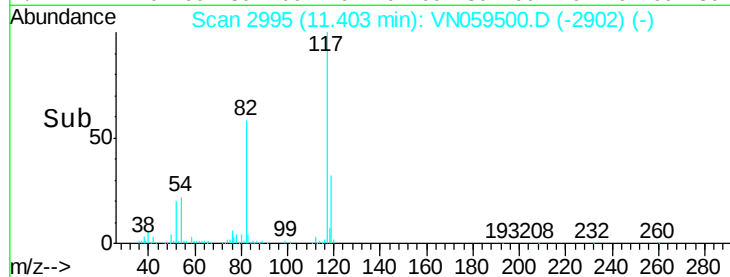
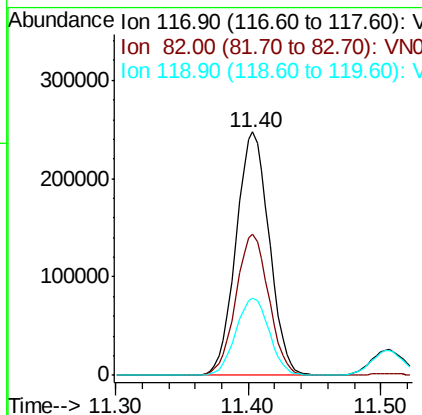
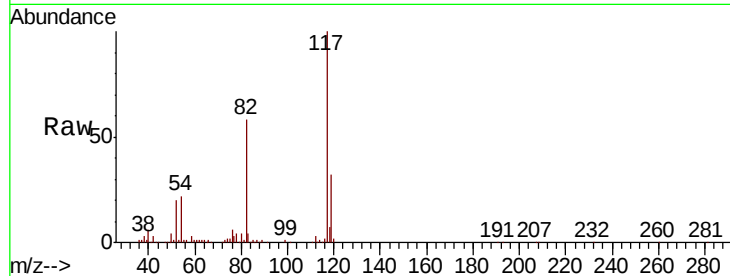
ClientSampleId :

VN1205WBSD01

Tot Ion:	117	Resp:	430880
Ion Ratio	Lower	Upper	
117	100		
82	58.0	45.8	68.8
119	31.7	25.4	38.0

Manual Integrations
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#64

Tetrachloroethene

Concen: 17.609 ug/l

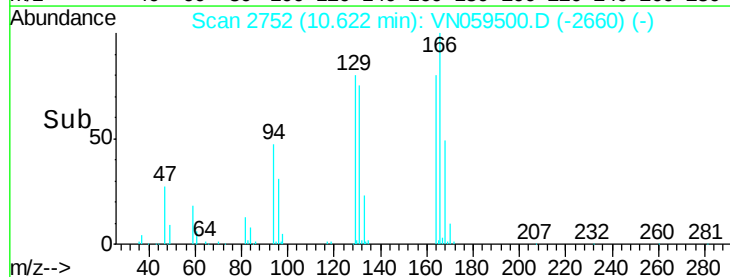
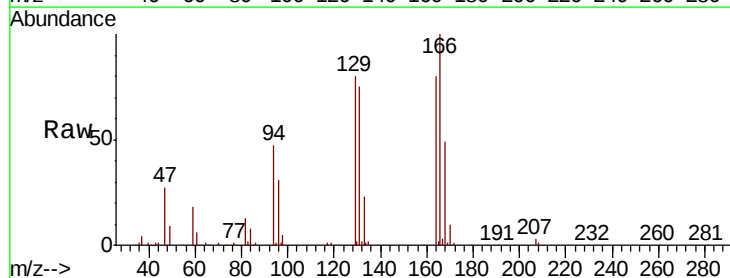
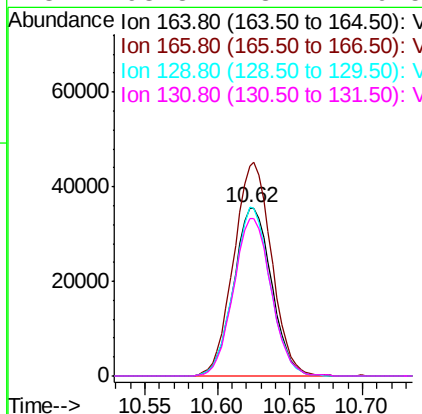
RT: 10.62 min Scan# 2752

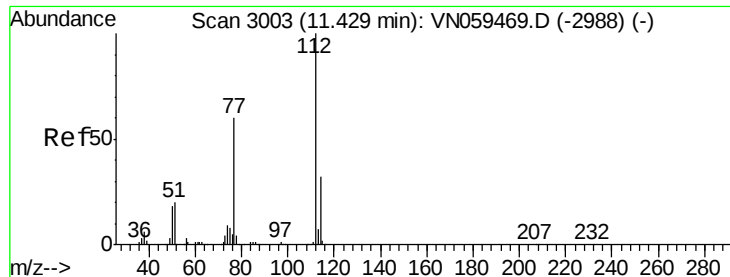
Delta R.T. -0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Tgt Ion:	164	Resp:	64541
Ion Ratio	Lower	Upper	
164	100		
166	125.2	101.2	151.8
129	100.4	76.1	114.1
131	93.8	73.7	110.5





#65

Chlorobenzene

Concen: 18.854 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tot Ion:112 Resp: 177597

Ion Ratio Lower Upper

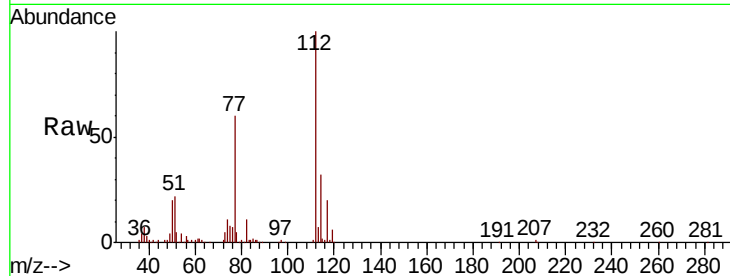
112 100

114 32.4 25.7 38.5

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

120000

100000

80000

60000

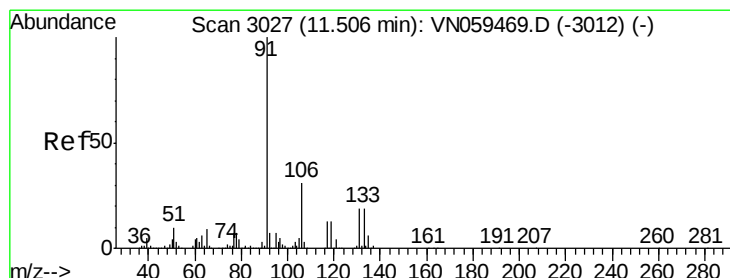
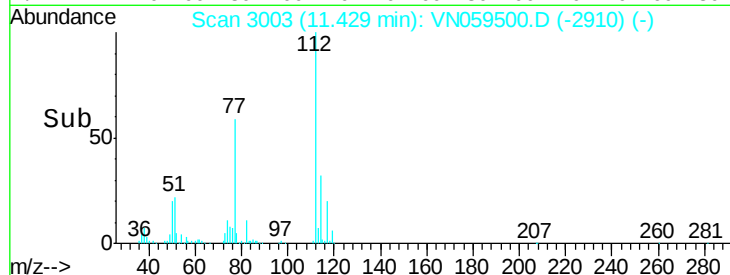
40000

20000

0

11.40 11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.533 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

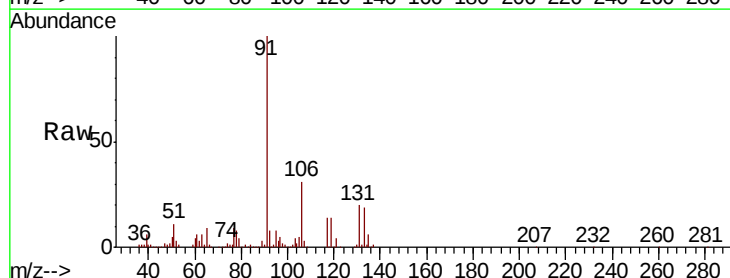
Tgt Ion:131 Resp: 66111

Ion Ratio Lower Upper

131 100

133 97.3 48.0 144.0

119 67.1 33.9 101.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

50000

40000

30000

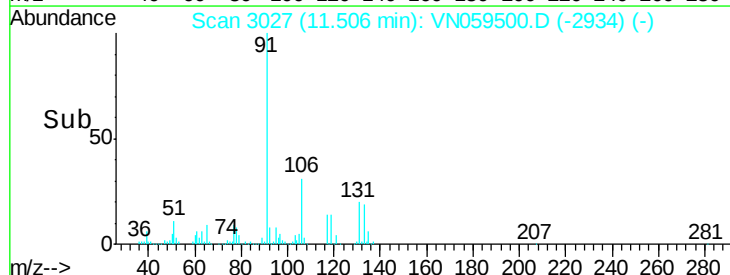
20000

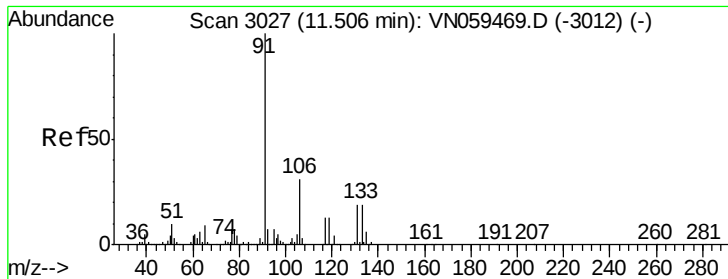
10000

0

11.45 11.50 11.55

Time-->





#67

Ethyl Benzene

Concen: 19.000 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tot Ion: 91 Resp: 313562

Ion Ratio Lower Upper

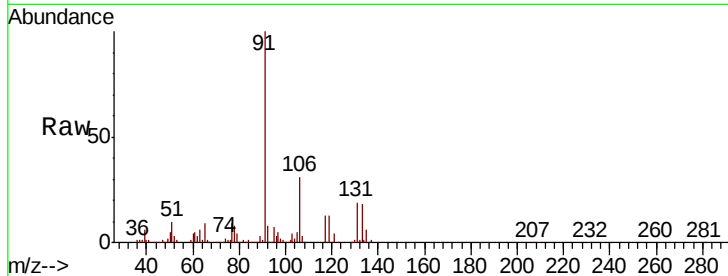
91 100

106 31.4 24.7 37.1

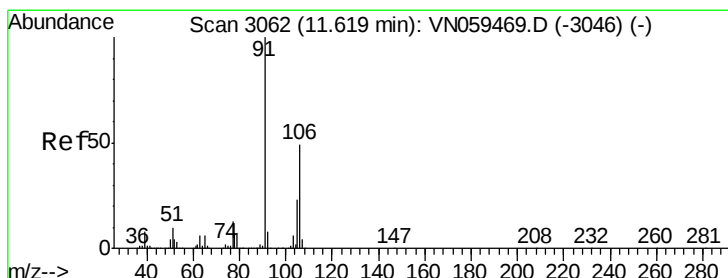
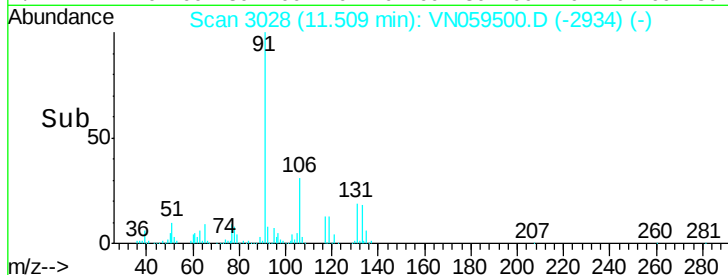
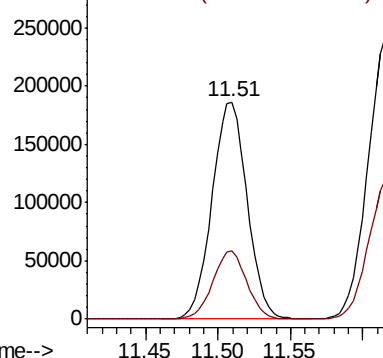
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Abundance Ion 91.00 (90.70 to 91.70): VN059469.D (-3012) (-)



#68

m/p-Xylenes

Concen: 38.426 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059500.D

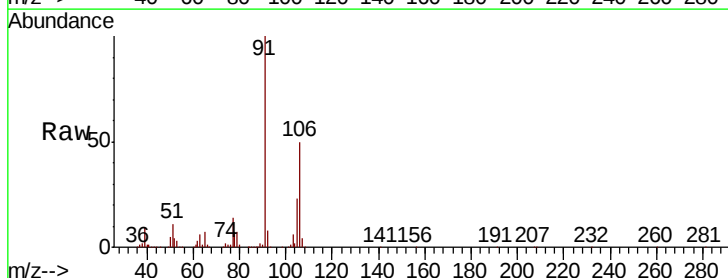
Acq: 5 Dec 2019 15:10

Tgt Ion: 106 Resp: 236132

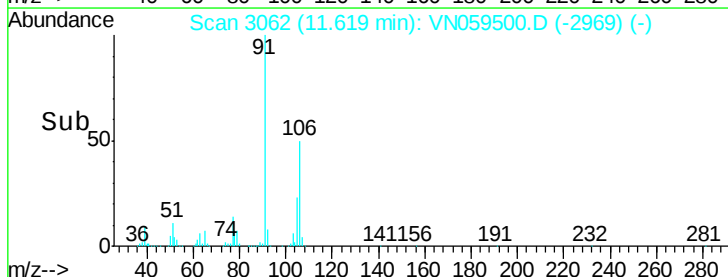
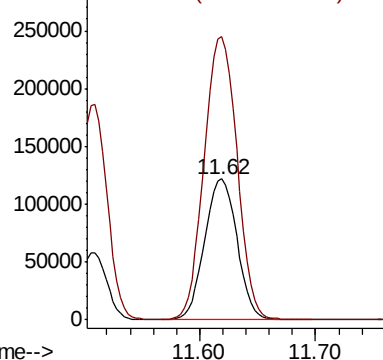
Ion Ratio Lower Upper

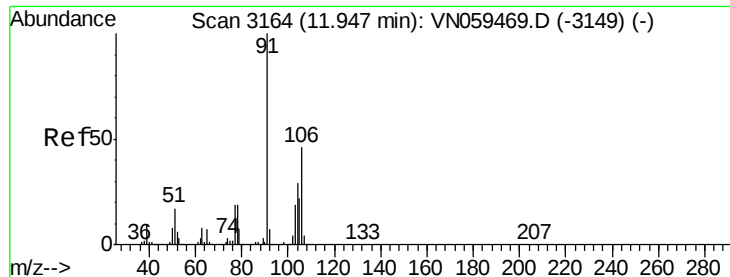
106 100

91 203.9 162.2 243.4



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





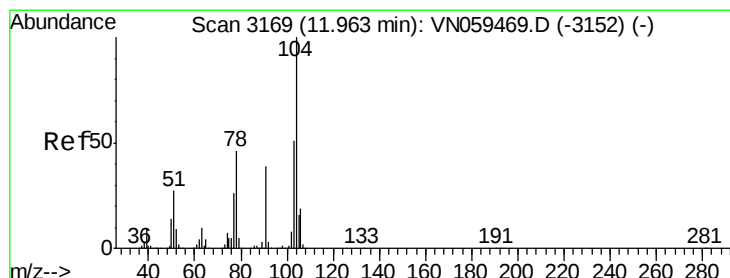
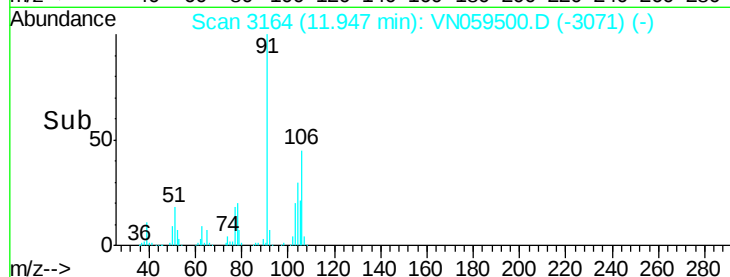
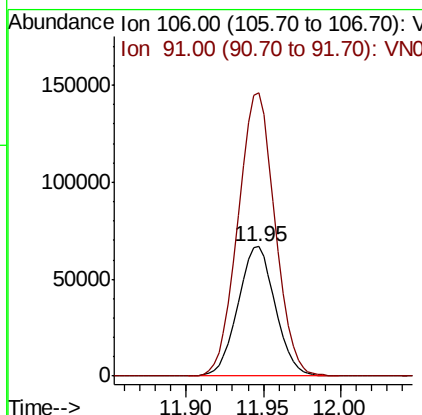
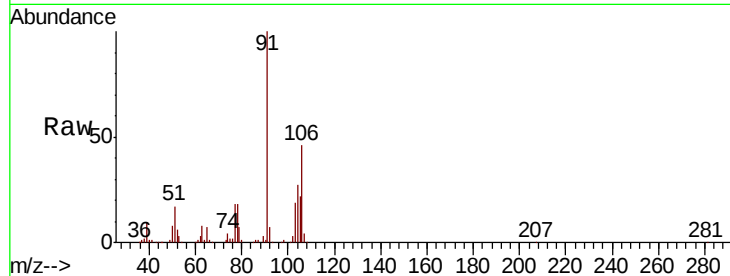
#69
o-Xylene
Concen: 19.172 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	217.1	108.5	325.3

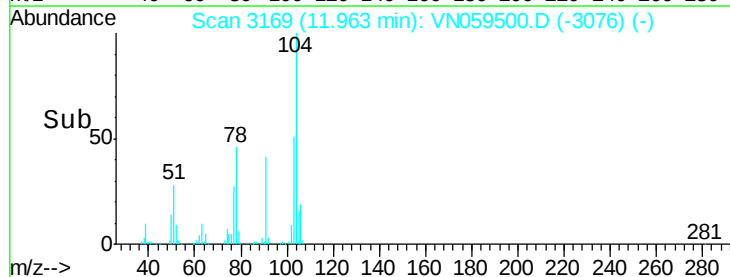
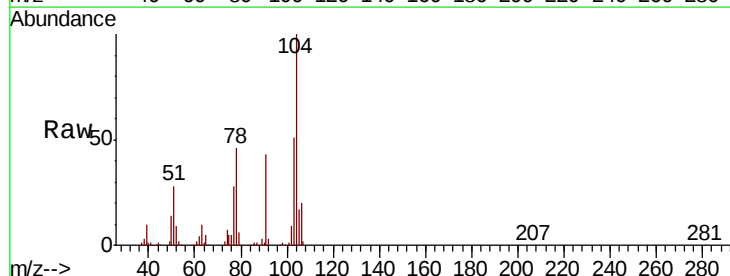
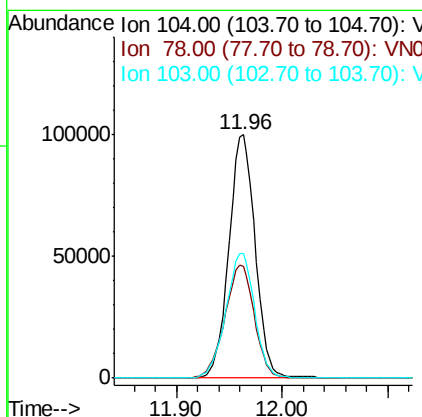
Manual Integrations
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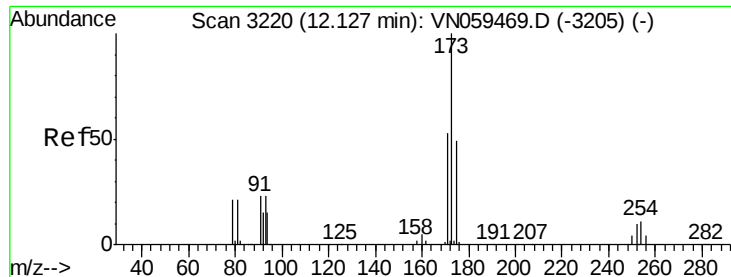
apatel
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#70
Styrene
Concen: 18.476 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	52.1	41.0	61.4
103	103	55.8	44.7	67.1





#71

Bromoform

Concen: 18.781 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

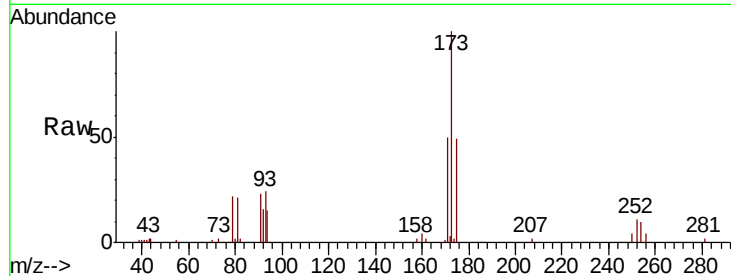
ClientSampleId :

VN1205WBSD01

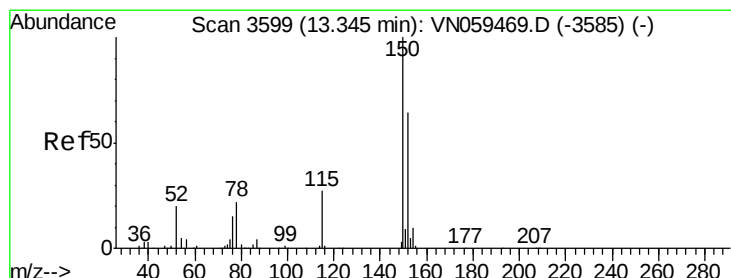
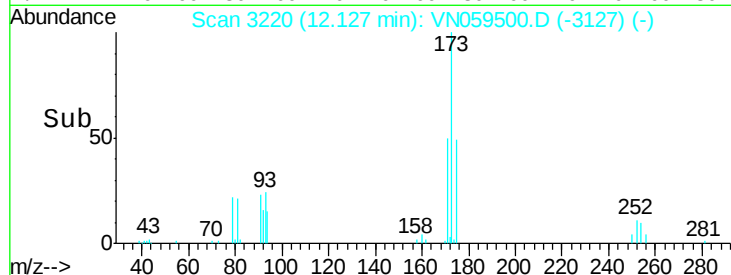
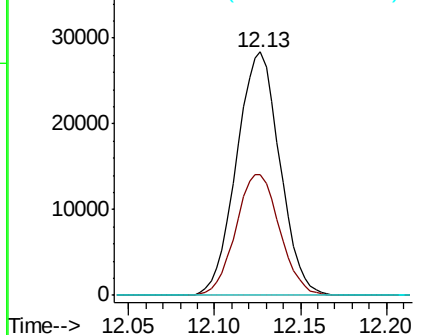
Tot Ion:	173	Resp:	49548
Ion Ratio	Lower	Upper	
173	100		
175	50.3	24.3	73.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

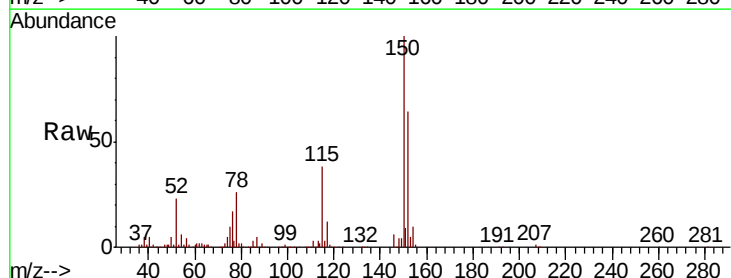
RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

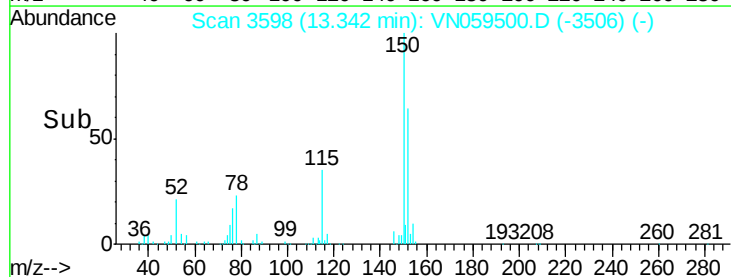
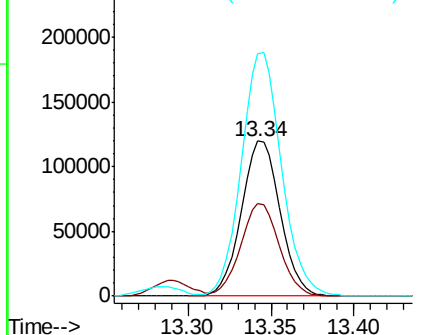
Lab File: VN059500.D

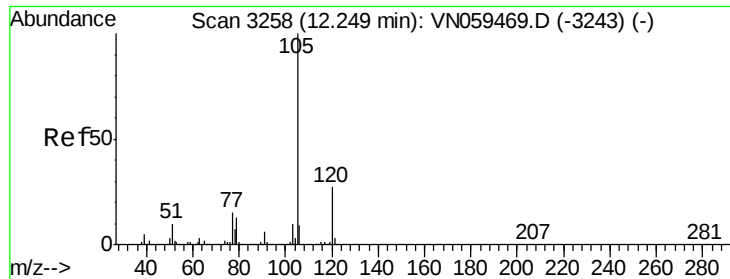
Acq: 5 Dec 2019 15:10

Tgt Ion:	152	Resp:	195205
Ion Ratio	Lower	Upper	
152	100		
115	59.6	29.2	87.6
150	162.6	0.0	352.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.141 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tot Ion: 105 Resp: 299654

Ion Ratio Lower Upper

105 100

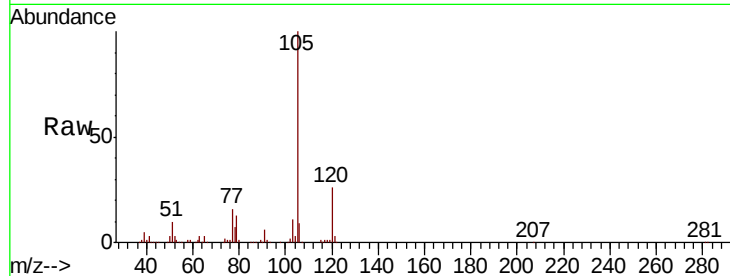
120 26.4 13.2 39.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

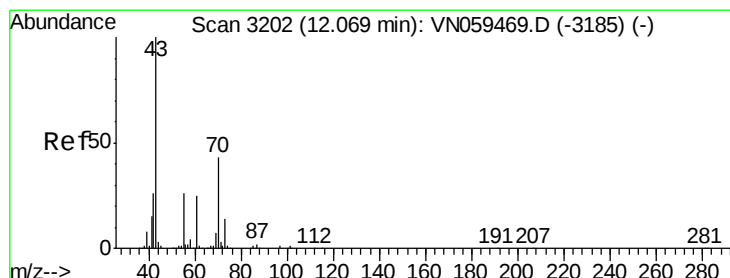
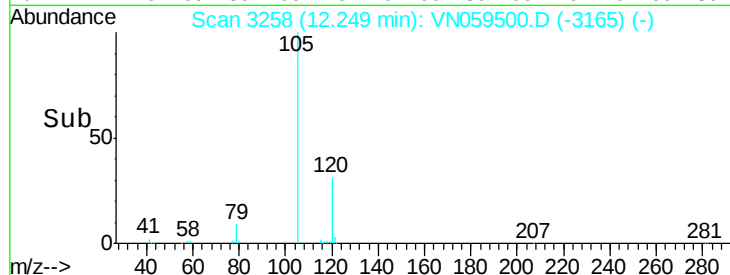
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 18.762 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Tgt Ion: 43 Resp: 118307

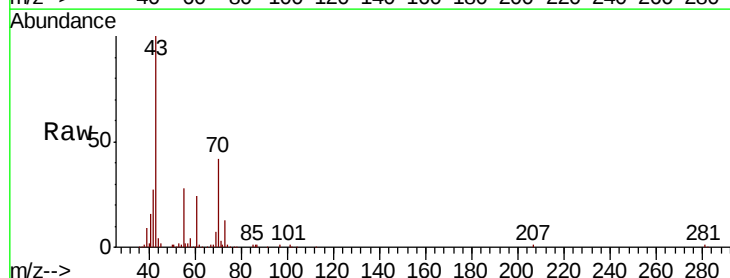
Ion Ratio Lower Upper

43 100

70 41.1 34.2 51.2

55 27.5 20.6 31.0

61 23.3 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

60000

40000

20000

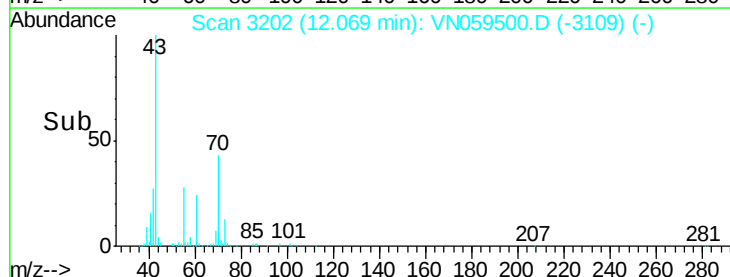
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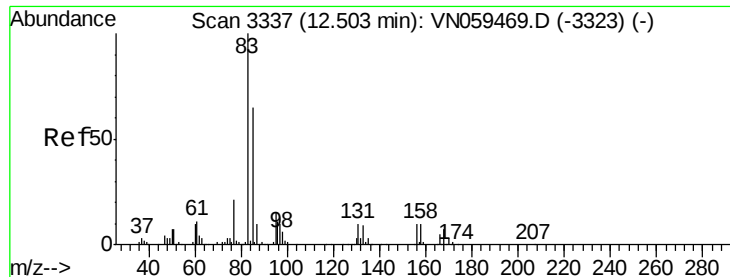
12.00

12.07

12.20

Time-->





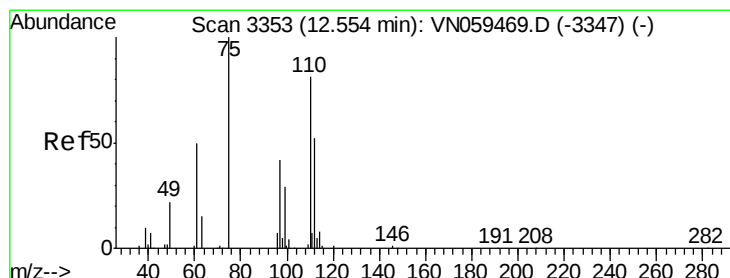
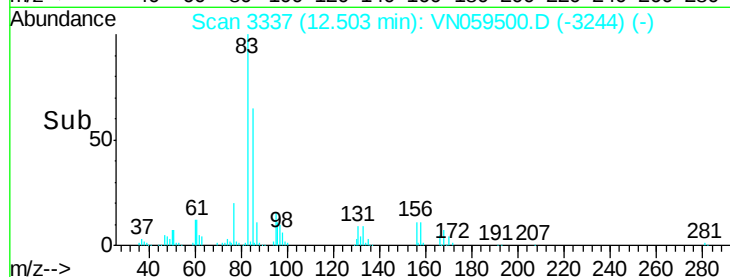
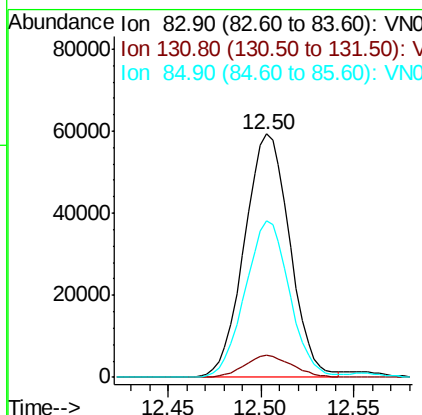
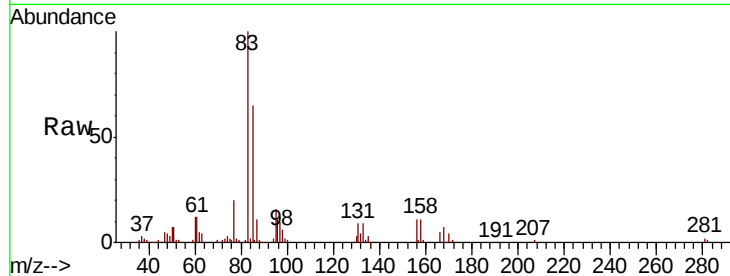
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.040 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	63.2	32.2	96.6

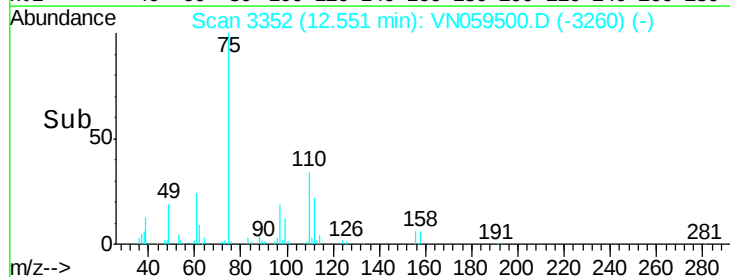
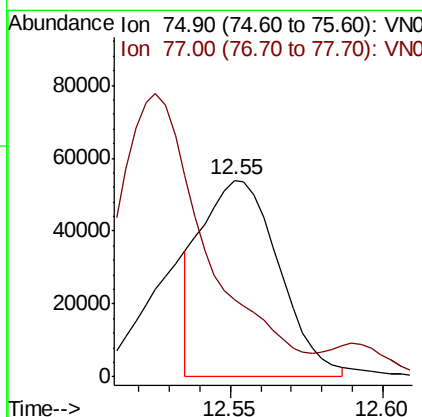
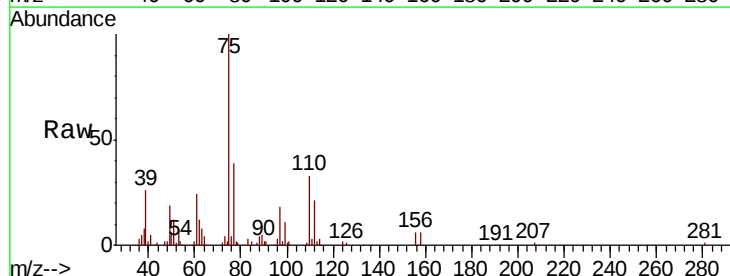
Manual Integrations
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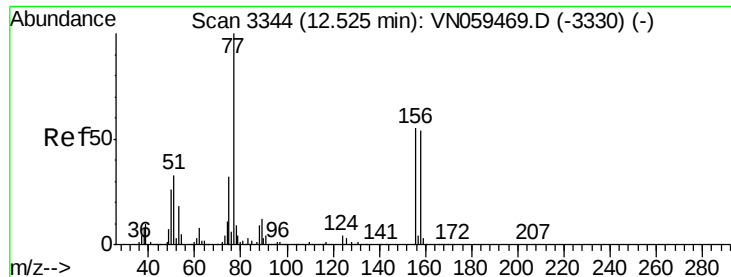
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 19.522 ug/l m
 RT: 12.55 min Scan# 3352
 Delta R.T. -0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.703 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

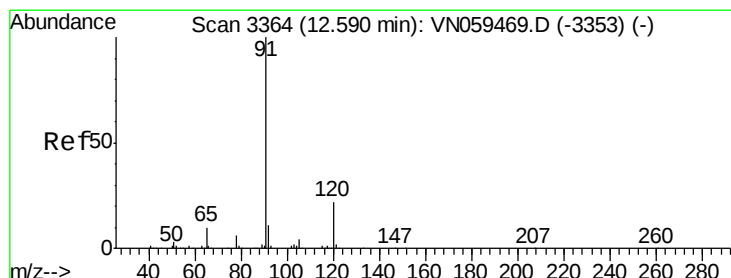
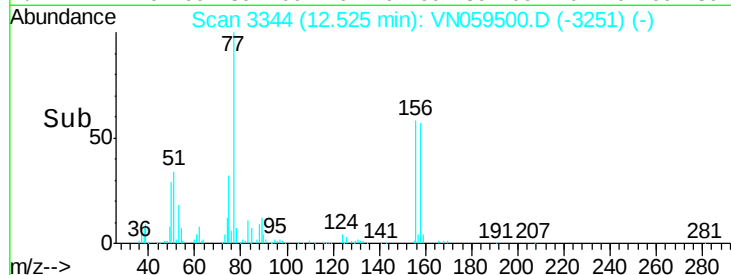
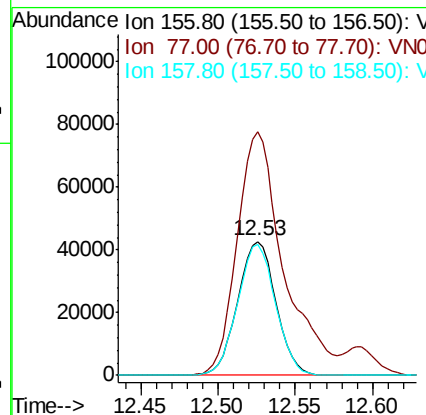
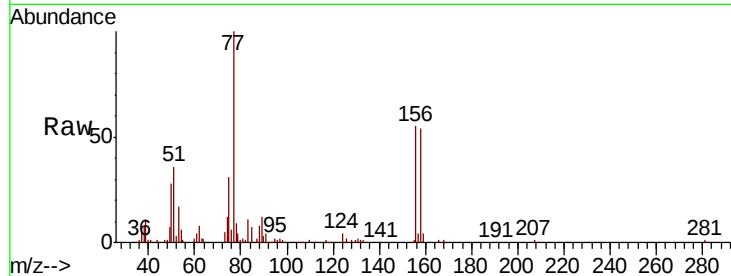
ClientSampleId :

VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	221.9	110.3	331.0
158	97.3	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 18.976 ug/l

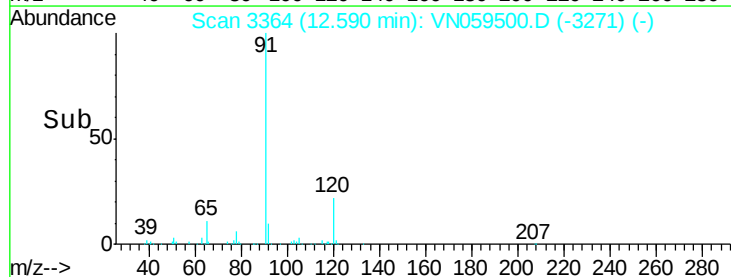
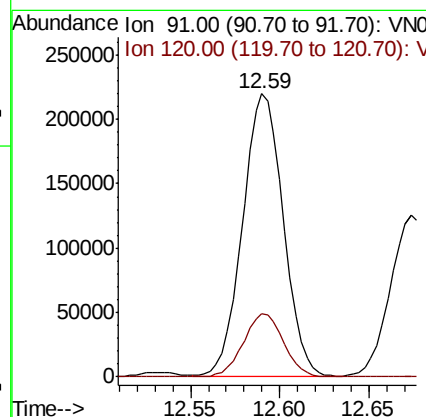
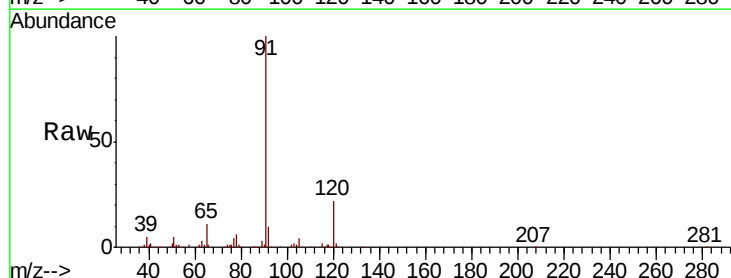
RT: 12.59 min Scan# 3364

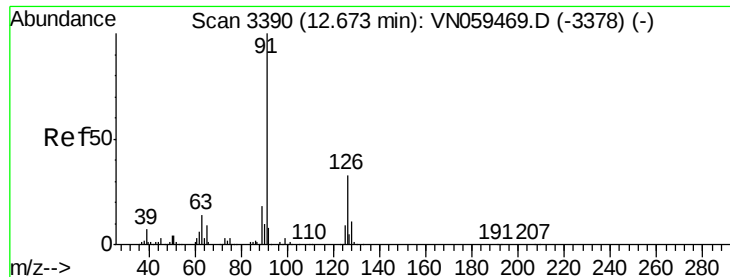
Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.3	33.9





#79

2-Chlorotoluene

Concen: 18.793 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

ClientSampled :

VN1205WBSD01

Tot Ion: 91 Resp: 206392

Ion Ratio Lower Upper

91 100

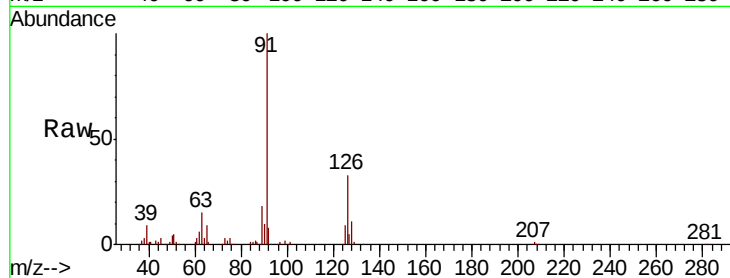
126 33.6 16.6 49.8

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

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

200000

150000

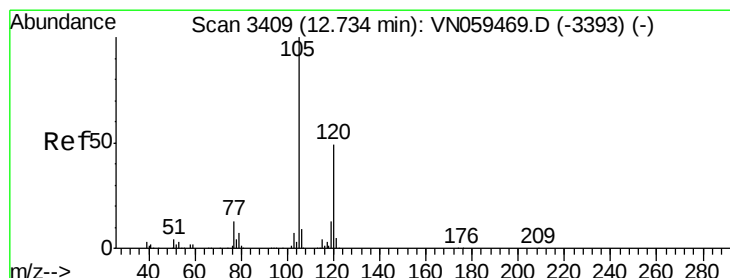
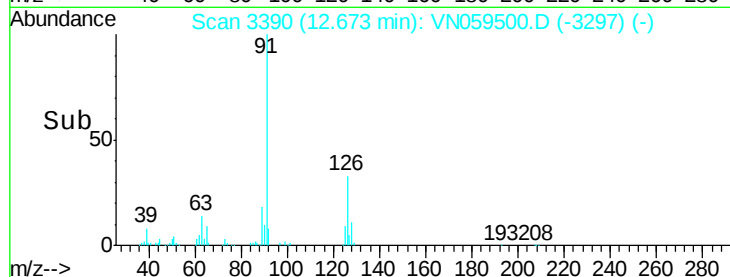
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.332 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059500.D

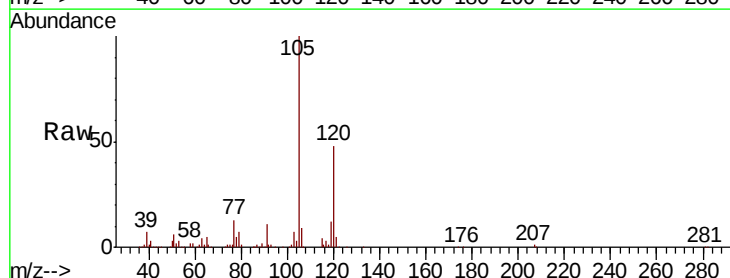
Acq: 5 Dec 2019 15:10

Tgt Ion: 105 Resp: 252913

Ion Ratio Lower Upper

105 100

120 48.2 24.3 73.0



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

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

150000

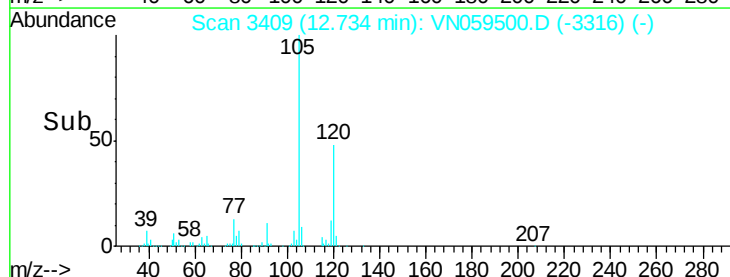
100000

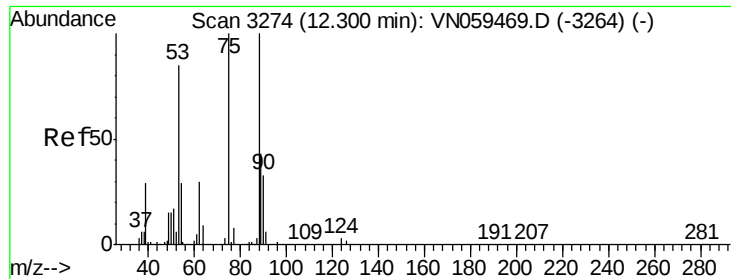
50000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.434 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Instrument :

MSVOA_N

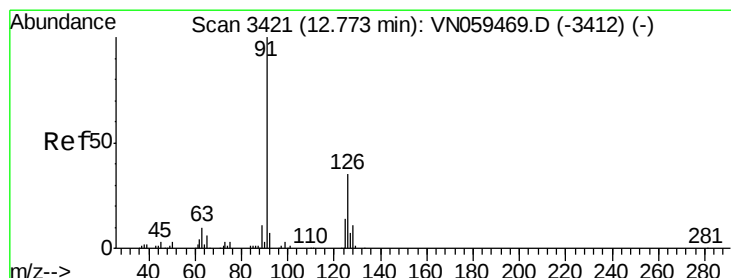
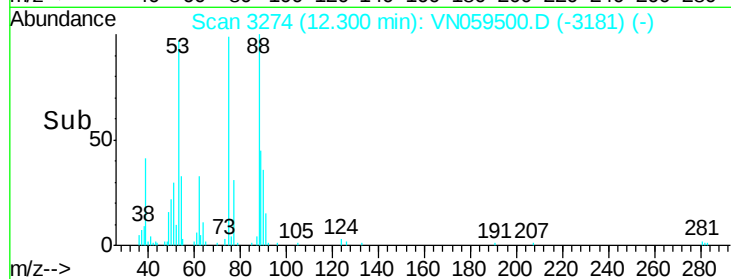
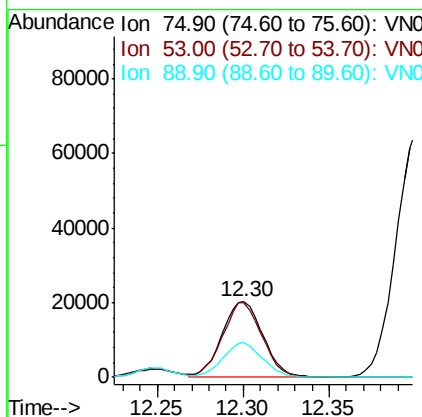
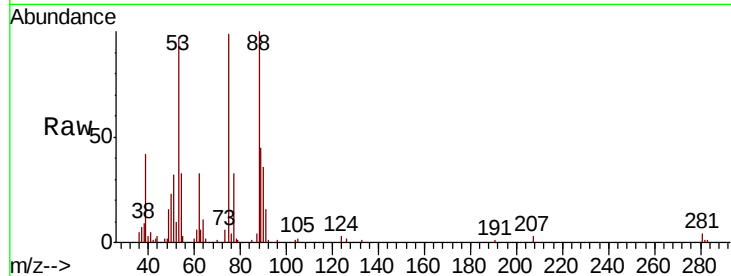
ClientSampleId :

VN1205WBSD01

Tot Ion:	75	Resp:	34093
Ion Ratio	Lower	Upper	
75	100		
53	94.9	69.8	104.6
89	44.1	35.2	52.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.376 ug/l

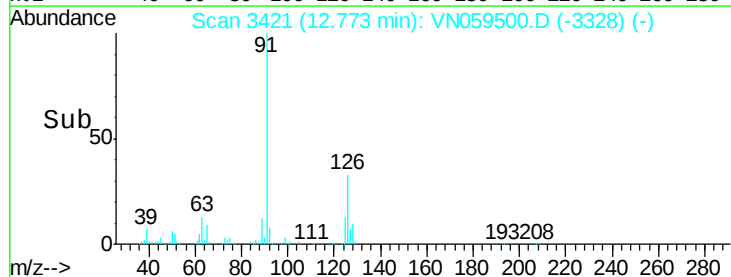
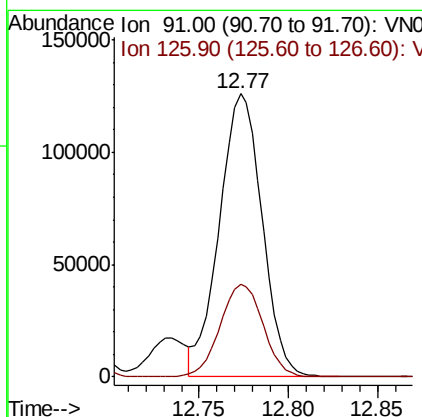
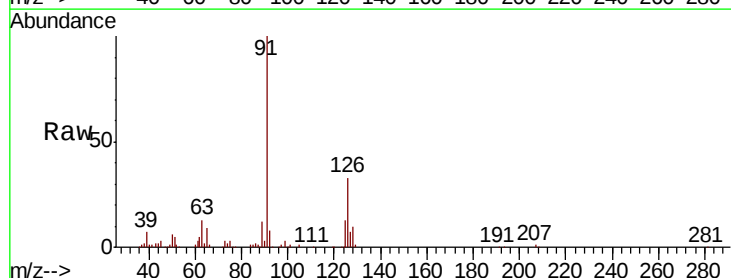
RT: 12.77 min Scan# 3421

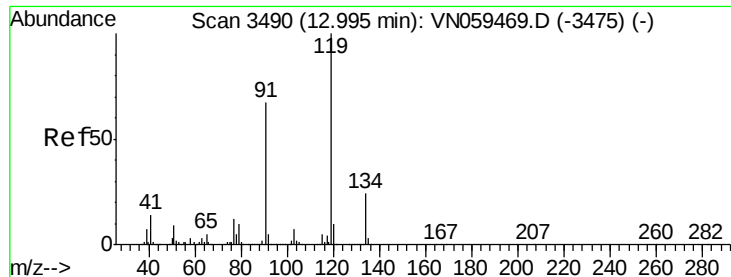
Delta R.T. 0.00 min

Lab File: VN059500.D

Acq: 5 Dec 2019 15:10

Tgt Ion:	91	Resp:	208209
Ion Ratio	Lower	Upper	
91	100		
126	33.2	16.4	49.2





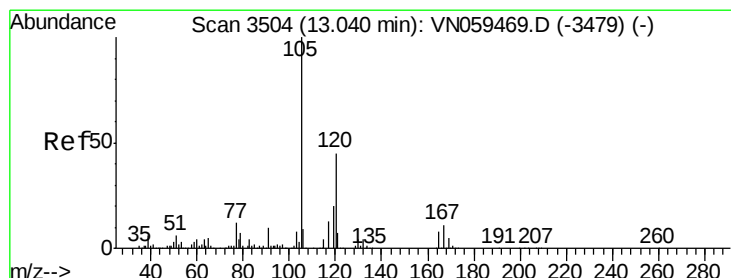
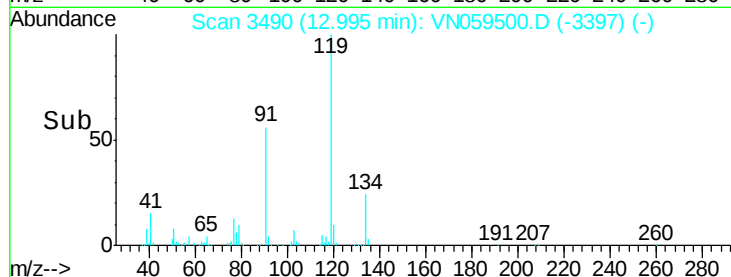
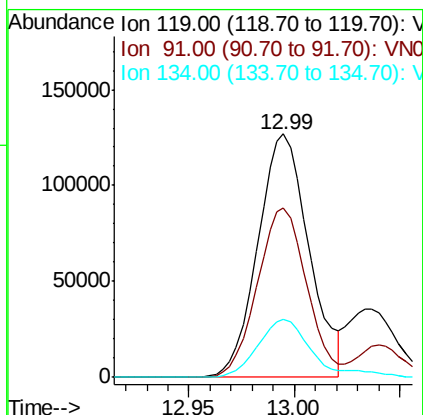
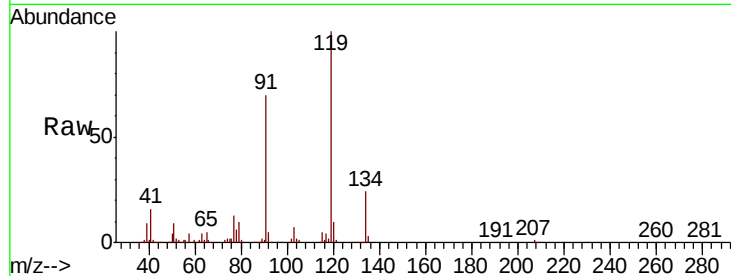
#83
tert-Butylbenzene
Concen: 18.831 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	32.6	97.7
134	25.3	12.6	37.6

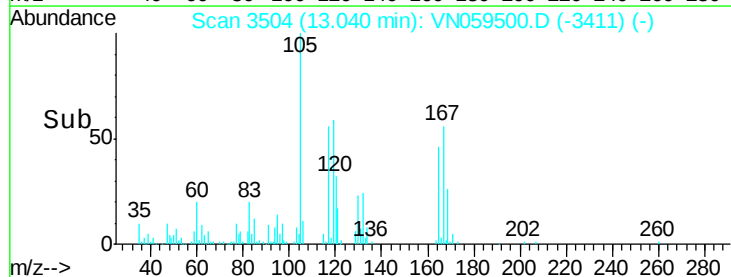
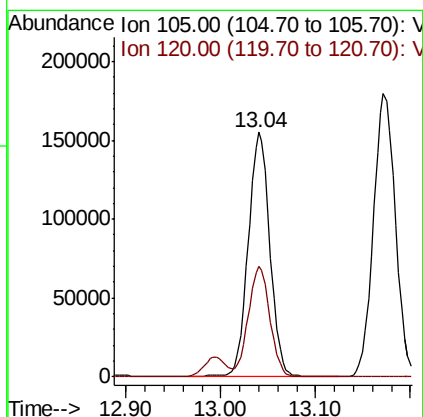
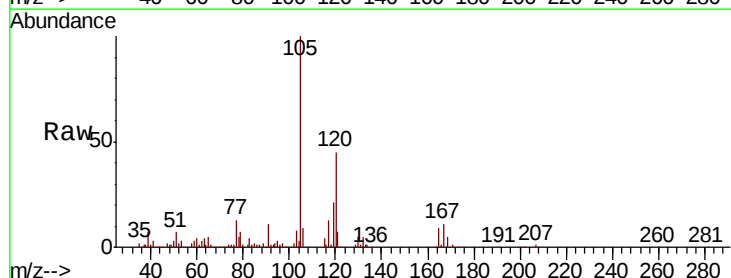
Manual Integrations
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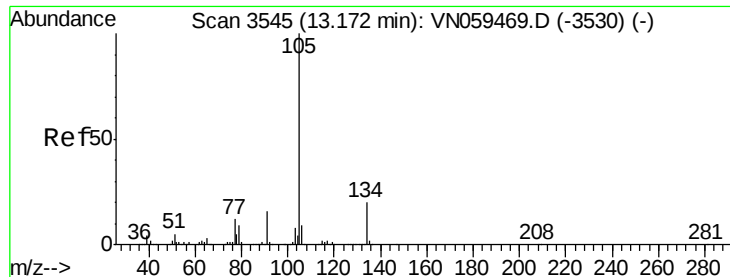
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#84
1,2,4-Trimethylbenzene
Concen: 19.284 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.8





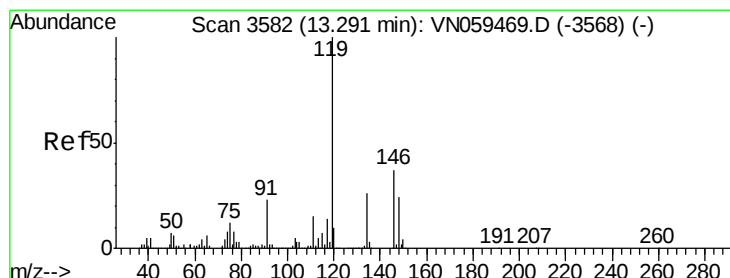
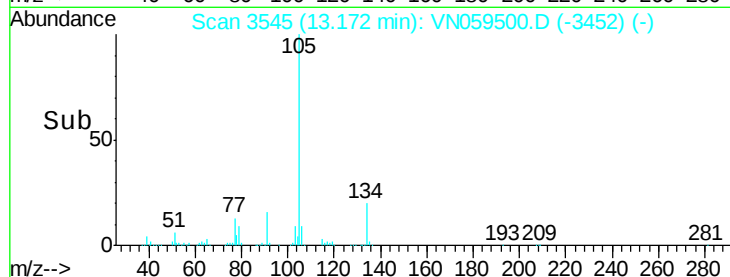
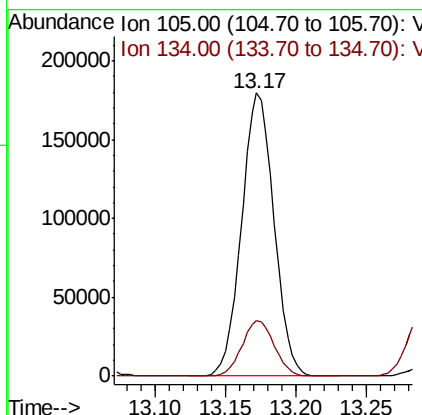
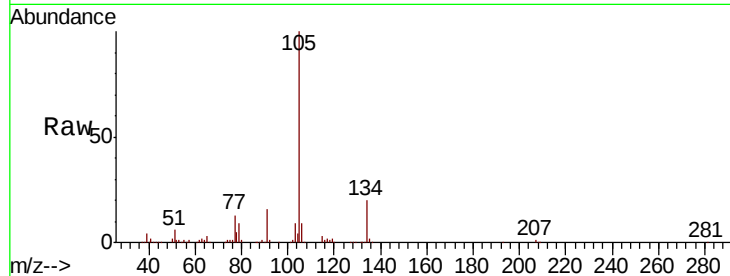
#85
 sec-Butylbenzene
 Concen: 19.134 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	288031		
134	19.7	9.8	29.5	

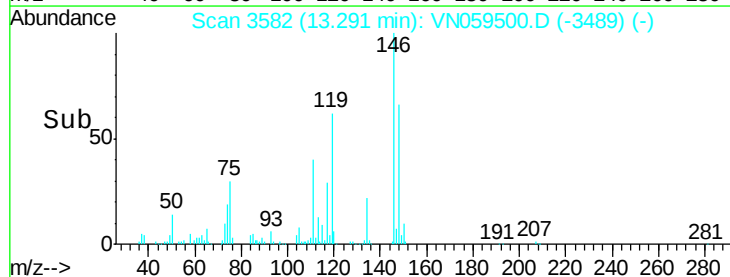
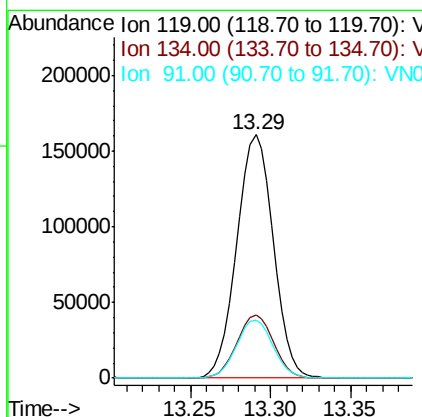
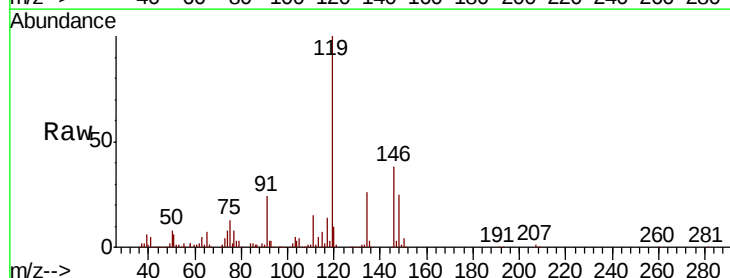
Manual Integrations
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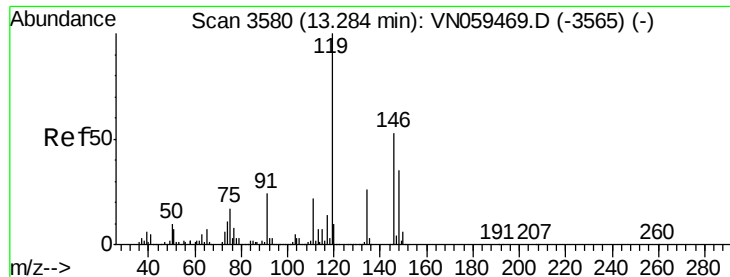
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#86
 p-Isopropyltoluene
 Concen: 18.437 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	248710		
134	26.2	13.1	39.3	
91	24.0	11.7	35.1	





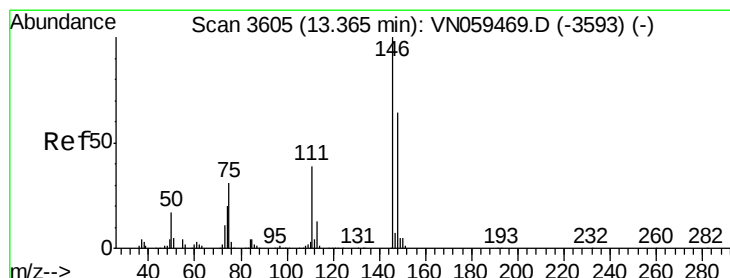
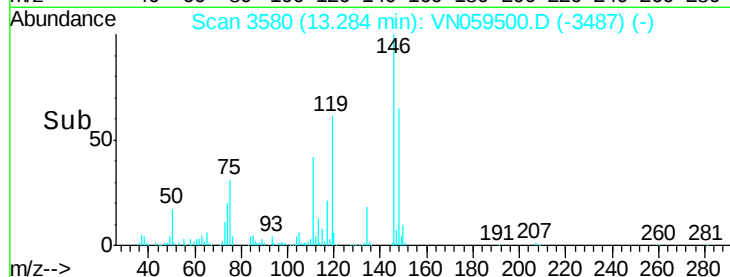
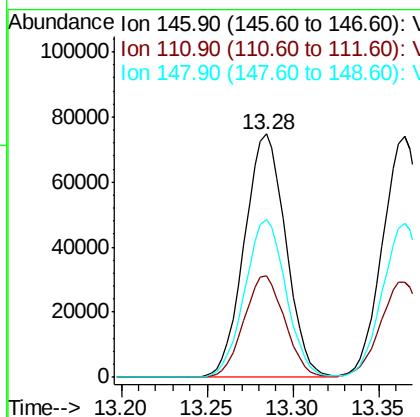
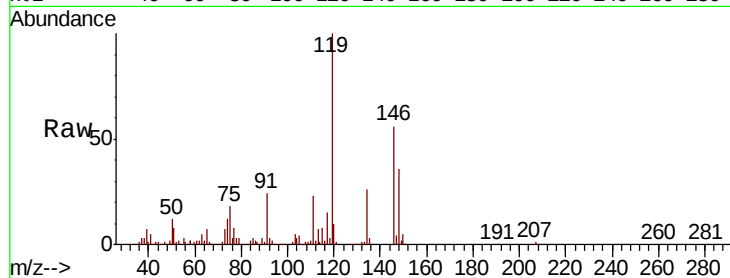
#87
 1,3-Dichlorobenzene
 Concen: 18.115 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.3
148	64.6	32.1	96.5

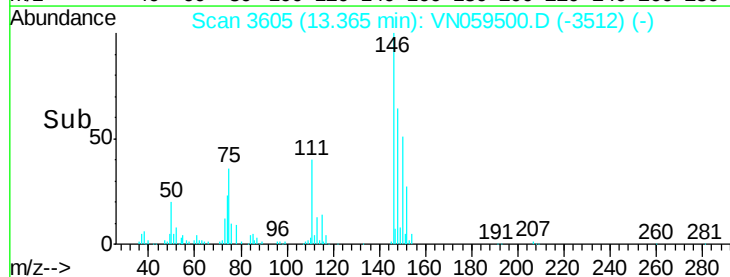
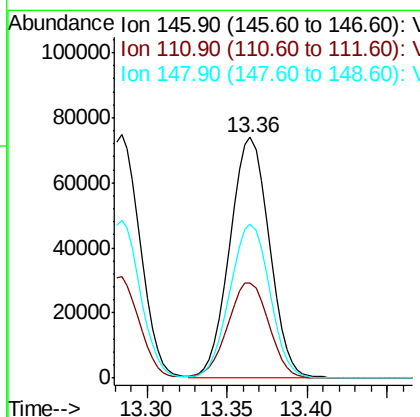
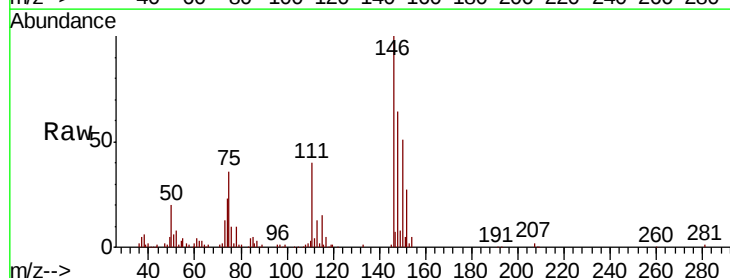
Manual Integrations
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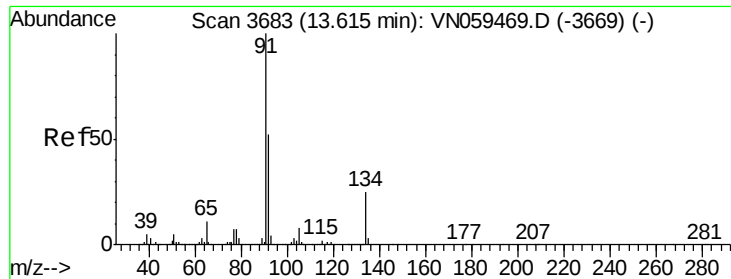
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 17.947 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.8	59.3
148	64.4	32.0	96.0





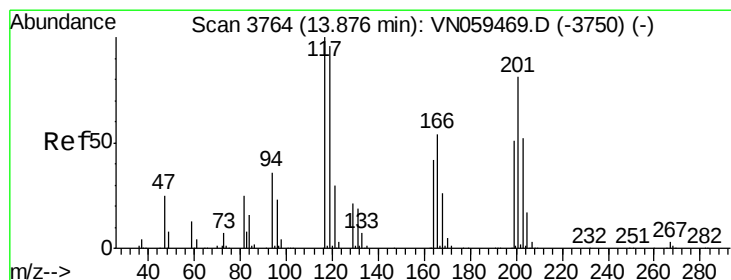
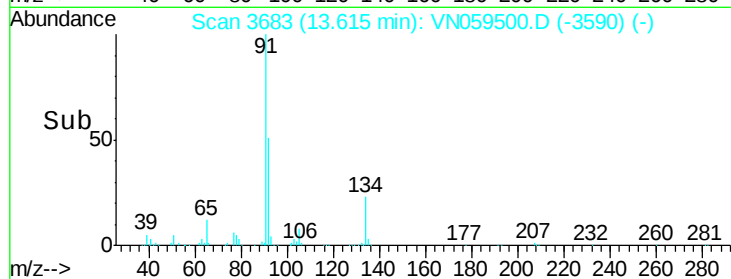
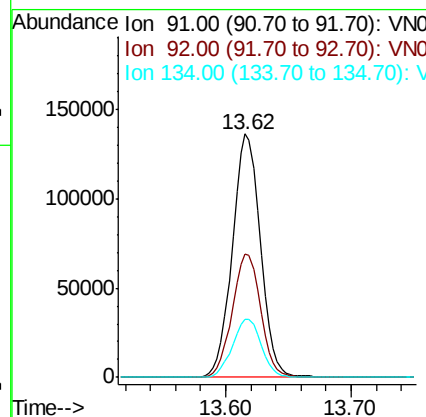
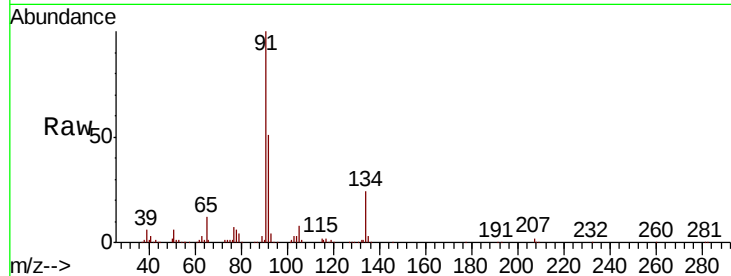
#89
n-Butylbenzene
Concen: 17.534 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.9	77.8
134	24.6	12.6	37.6

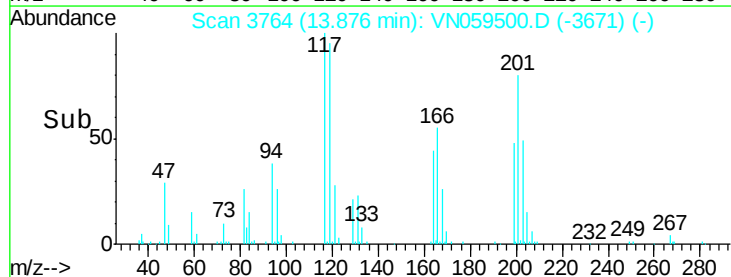
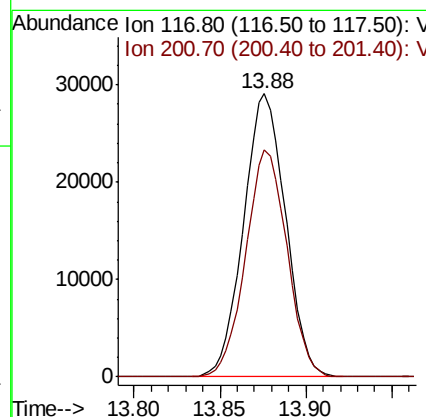
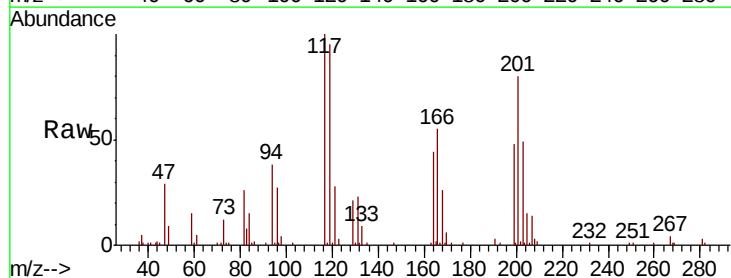
Manual Integrations
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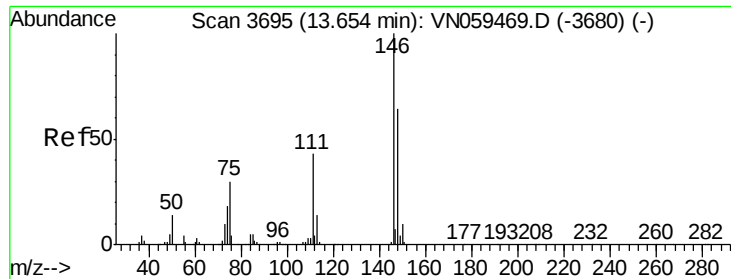
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#90
Hexachloroethane
Concen: 18.925 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.7	40.6	122.0





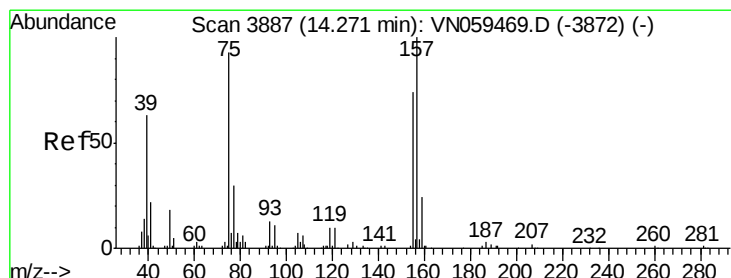
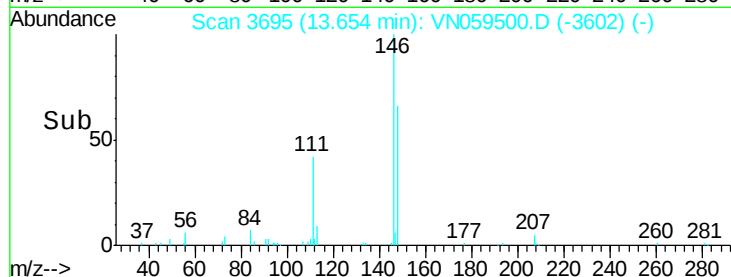
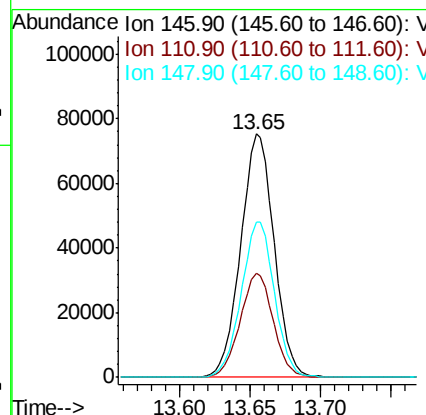
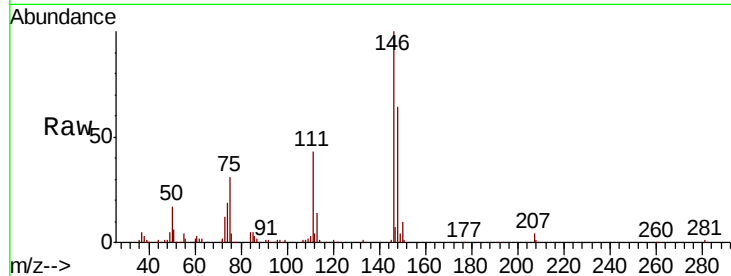
#91
 1,2-Dichlorobenzene
 Concen: 18.926 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.7
148	63.5	32.2	96.6

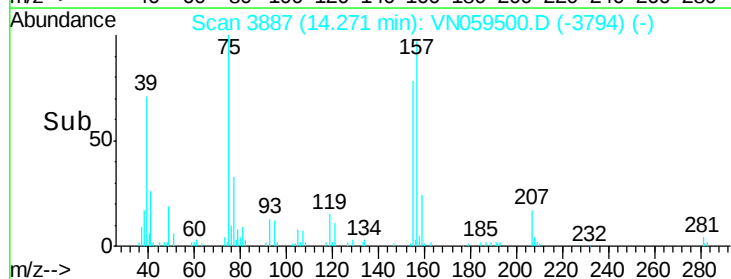
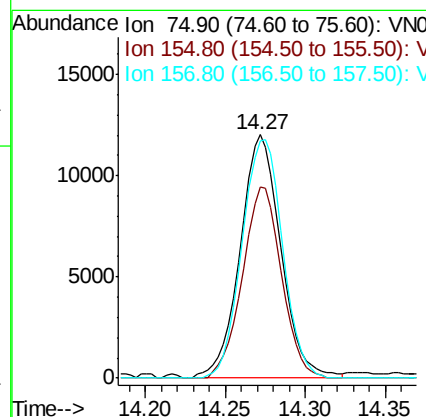
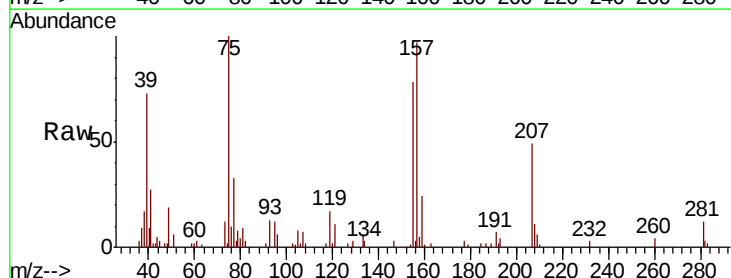
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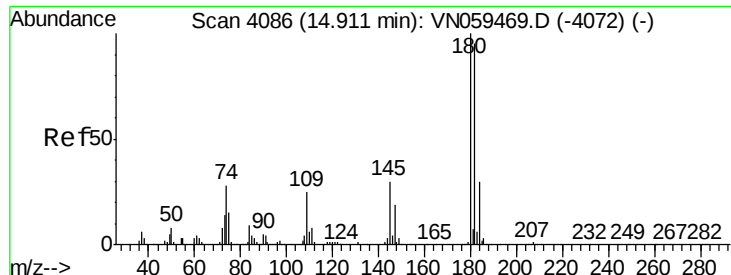
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.140 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	40.6	122.0
157	97.4	52.9	158.7





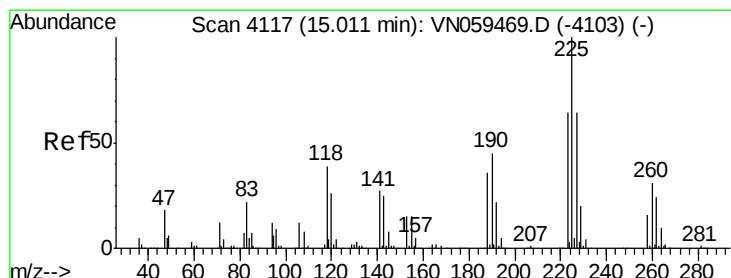
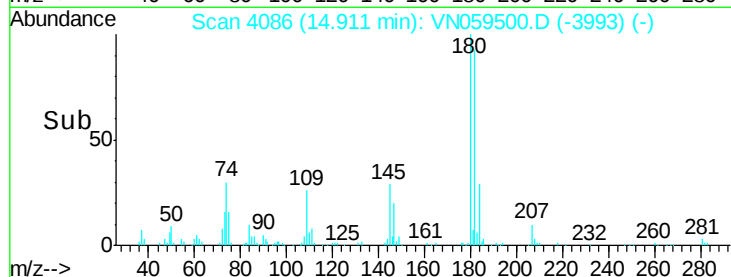
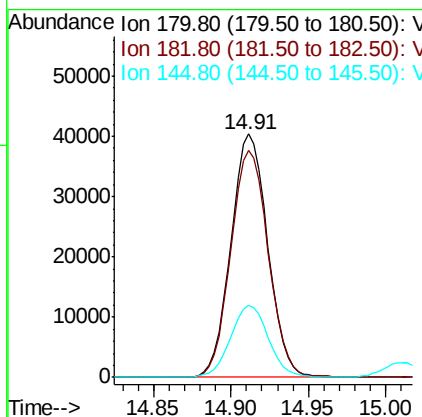
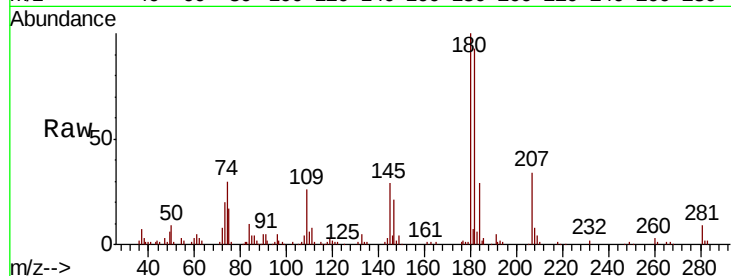
#93
 1,2,4-Trichlorobenzene
 Concen: 16.494 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	66582		
182	95.1	48.0	144.2	
145	30.4	15.2	45.6	

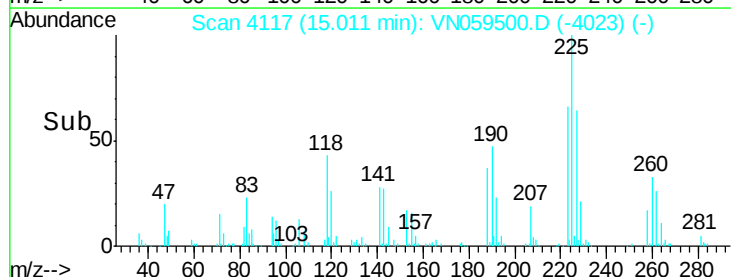
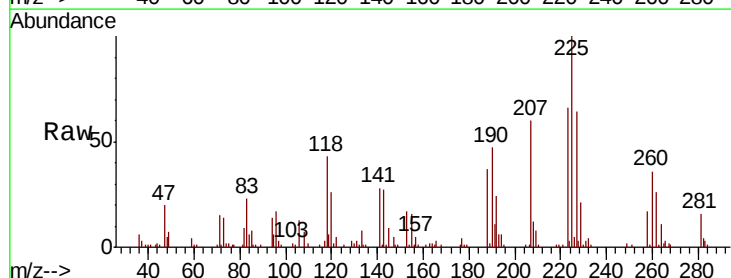
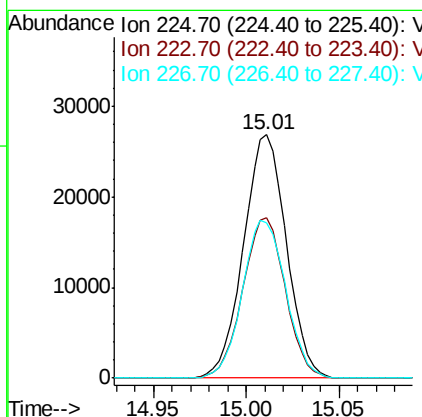
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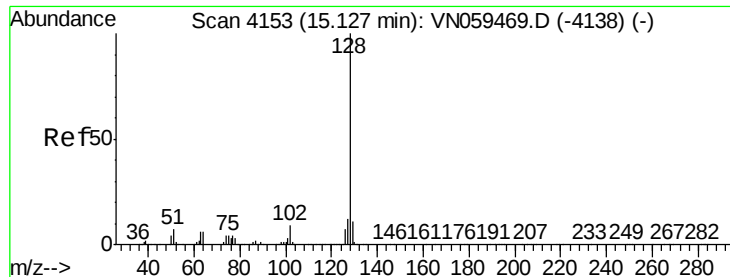
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#94
 Hexachlorobutadiene
 Concen: 18.059 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059500.D
 Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	43263		
223	65.4	31.9	95.5	
227	65.6	32.0	96.2	





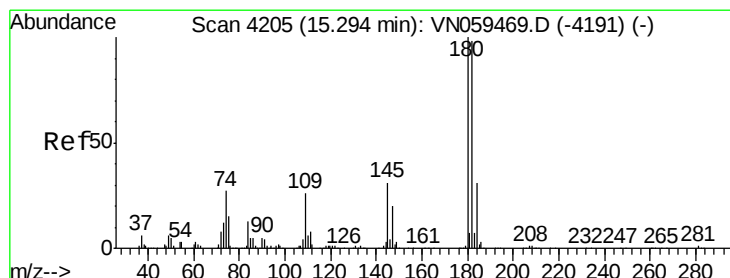
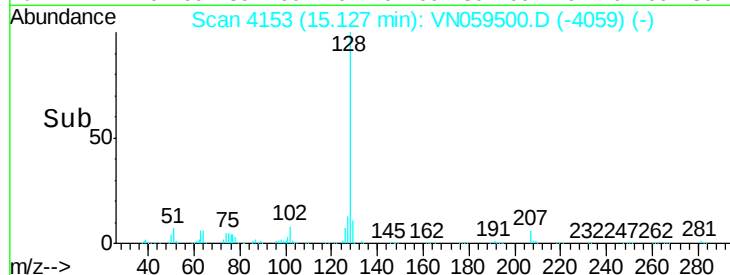
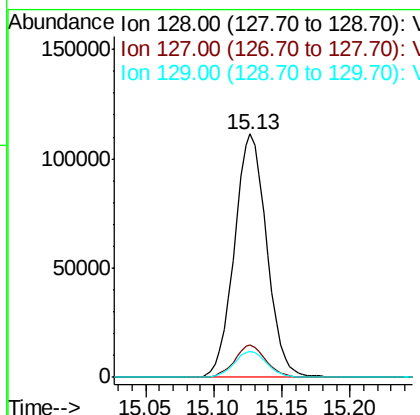
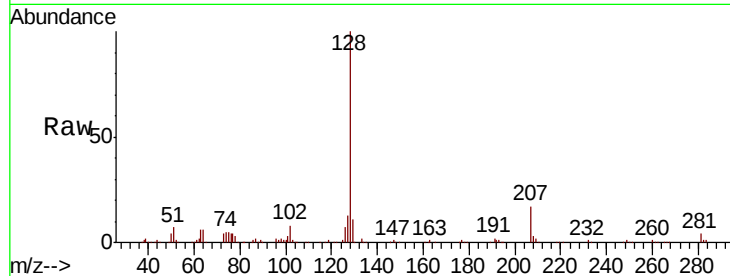
#95
Naphthalene
Concen: 18.083 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.150 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059500.D
Acq: 5 Dec 2019 15:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.5	145.5
145	32.0	16.1	48.2

