

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120619\
 Data File : VN059507.D
 Acq On : 6 Dec 2019 11:56
 Operator : JC/SP
 Sample : VN1206WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

Manual Integrations
 APPROVED

apatel
 12/9/2019 8:47:43 AM

Quant Time: Dec 06 22:39:51 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	216710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	372187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	361962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	170935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	161994	60.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.34%	
35) Dibromofluoromethane	7.57	113	113832	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	10.08	98	492672	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
62) 4-Bromofluorobenzene	12.40	95	175696	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57506	23.846	ug/l	100
3) Chloromethane	2.04	50	57410	17.762	ug/l	98
4) Vinyl Chloride	2.17	62	57281	29.533	ug/l	98
5) Bromomethane	2.55	94	37506	31.821	ug/l	99
6) Chloroethane	2.68	64	36247	31.655	ug/l	99
7) Trichlorofluoromethane	3.00	101	79790	34.063	ug/l	96
8) Diethyl Ether	3.38	74	29912	19.599	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	49014	21.316	ug/l	94
10) Methyl Iodide	3.92	142	58840	20.209	ug/l	95
11) Tert butyl alcohol	4.76	59	50868	100.272	ug/l	98
12) 1,1-Dichloroethene	3.71	96	45182	20.101	ug/l	93
13) Acrolein	3.58	56	41860	95.078	ug/l	100
14) Allyl chloride	4.29	41	90451	20.431	ug/l #	89
15) Acrylonitrile	4.95	53	137223	99.985	ug/l	98
16) Acetone	3.79	43	156099	100.724	ug/l	97
17) Carbon Disulfide	4.02	76	149076	19.438	ug/l	99
18) Methyl Acetate	4.29	43	75237	20.760	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	162496	21.211	ug/l	99
20) Methylene Chloride	4.52	84	55174	21.065	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	51543	20.494	ug/l	99
22) Diisopropyl ether	5.92	45	179777	21.817	ug/l	93
23) Vinyl Acetate	5.86	43	756422	114.401	ug/l	98
24) 1,1-Dichloroethane	5.82	63	104539	22.333	ug/l	99
25) 2-Butanone	6.81	43	209333	102.302	ug/l	98
26) 2,2-Dichloropropane	6.80	77	94946	23.451	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	59237	21.207	ug/l	95
28) Bromochloromethane	7.17	49	42408	23.583	ug/l	93
29) Tetrahydrofuran	7.18	42	130039	101.068	ug/l	99
30) Chloroform	7.35	83	102896	22.766	ug/l	99
31) Cyclohexane	7.63	56	87983	19.398	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	85605	21.792	ug/l	97
36) 1,1-Dichloropropene	7.77	75	73867	19.072	ug/l	98
37) Ethyl Acetate	6.90	43	83724	19.353	ug/l	98
38) Carbon Tetrachloride	7.75	117	74358	19.961	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	88319	18.949	ug/l	97
40) Benzene	8.02	78	219158	19.323	ug/l	99
41) Methacrylonitrile	7.15	41	33254	18.966	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	84925	22.043	ug/l	98
43) Isopropyl Acetate	8.14	43	129991	20.202	ug/l #	90
44) Trichloroethene	8.82	130	54325	18.329	ug/l	97
45) 1,2-Dichloropropane	9.10	63	62544	20.641	ug/l	100
46) Dibromomethane	9.19	93	41277	21.880	ug/l	93
47) Bromodichloromethane	9.39	83	84558	22.354	ug/l	100
48) Methyl methacrylate	9.18	41	60352	20.790	ug/l	91
49) 1,4-Dioxane	9.19	88	17975	409.203	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	423406	110.855	ug/l	95
52) Toluene	10.15	92	145680	21.238	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	94891	21.319	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	102600	21.747	ug/l #	90
55) 1,1,2-Trichloroethane	10.55	97	59281	21.923	ug/l	98
56) Ethyl methacrylate	10.42	69	78727	18.913	ug/l #	85
57) 1,3-Dichloropropane	10.70	76	101956	21.804	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	129611	97.127	ug/l	99
59) 2-Hexanone	10.74	43	308669	107.385	ug/l	95
60) Dibromochloromethane	10.90	129	62557	21.667	ug/l	100
61) 1,2-Dibromoethane	11.00	107	60421	21.625	ug/l	98
64) Tetrachloroethene	10.62	164	57868	18.795	ug/l	98
65) Chlorobenzene	11.43	112	155093	19.600	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	59702	20.998	ug/l	99
67) Ethyl Benzene	11.51	91	276412	19.938	ug/l	100
68) m/p-Xylenes	11.62	106	207209	40.139	ug/l	98
69) o-Xylene	11.95	106	97259	19.790	ug/l	98
70) Styrene	11.96	104	152296	19.412	ug/l	98
71) Bromoform	12.12	173	43437	19.599	ug/l #	99
73) Isopropylbenzene	12.25	105	263411	19.215	ug/l	100
74) N-amyl acetate	12.07	43	104351	18.899	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	88505	20.127	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	79068m	18.604	ug/l	
77) Bromobenzene	12.53	156	63920	18.659	ug/l	96
78) n-propylbenzene	12.59	91	320807	20.110	ug/l	99
79) 2-Chlorotoluene	12.67	91	188500	19.601	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	227498	19.858	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	29542	18.241	ug/l	90
82) 4-Chlorotoluene	12.77	91	196447	19.799	ug/l	99
83) tert-Butylbenzene	12.99	119	190650	19.169	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	224976	20.095	ug/l	99
85) sec-Butylbenzene	13.17	105	261526	19.840	ug/l	100
86) p-Isopropyltoluene	13.29	119	231017	19.557	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	115492	19.122	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	114077	18.728	ug/l	99
89) n-Butylbenzene	13.62	91	201418	19.032	ug/l	98
90) Hexachloroethane	13.88	117	45068	19.782	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	111463	19.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18613	20.448	ug/l	87

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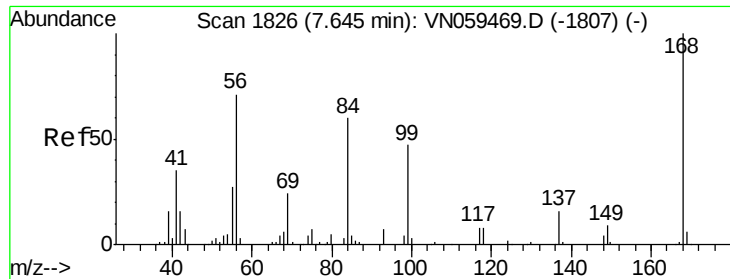
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	58886	16.659	ug/l	100
94) Hexachlorobutadiene	15.01	225	38336	18.292	ug/l	99
95) Naphthalene	15.13	128	155331	17.604	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	61223	18.529	ug/l	96

(#) = 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: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tot Ion:168 Resp: 216710

Ion Ratio Lower Upper

168 100

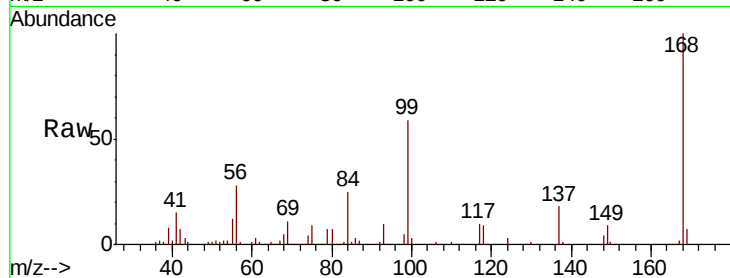
99 58.5 43.4 65.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

60000

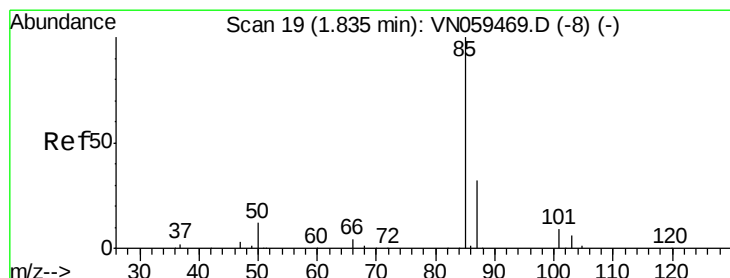
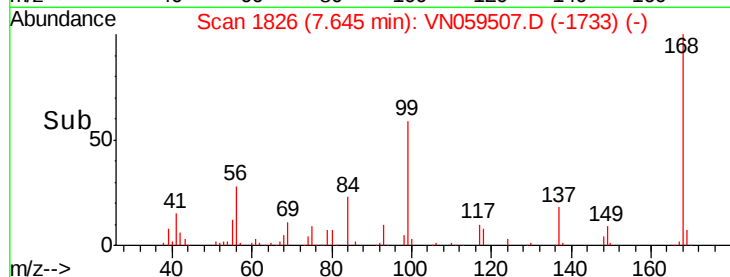
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 23.846 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059507.D

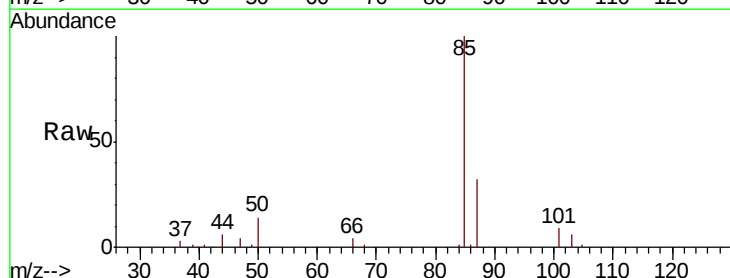
Acq: 6 Dec 2019 11:56

Tgt Ion: 85 Resp: 57506

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

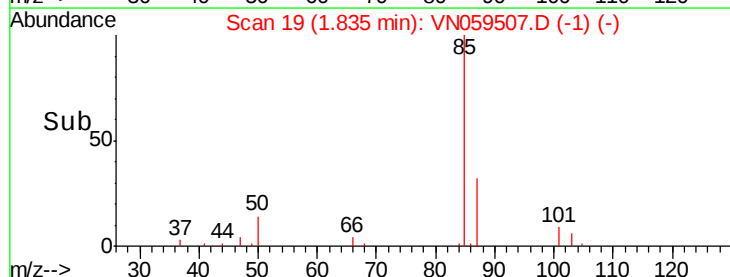
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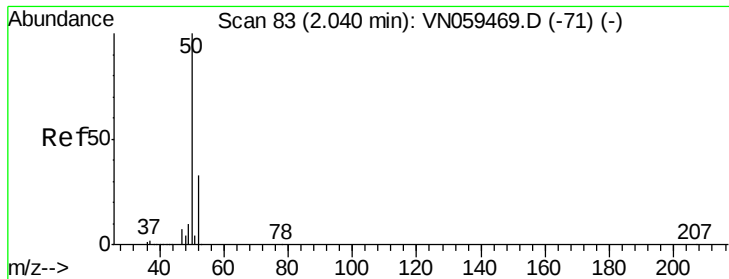
10000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.762 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tot Ion: 50 Resp: 57410

Ion Ratio Lower Upper

50 100

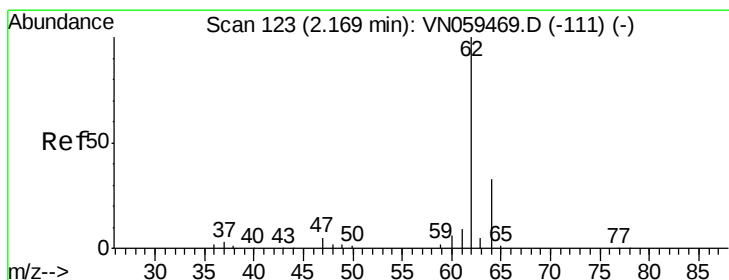
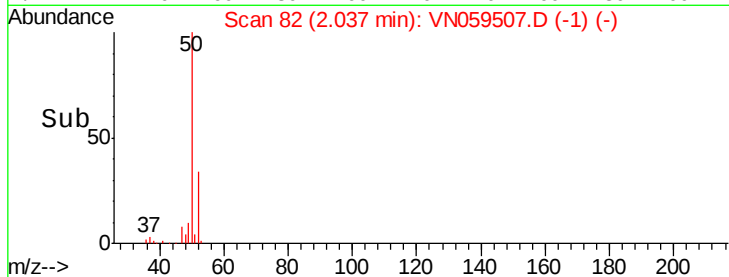
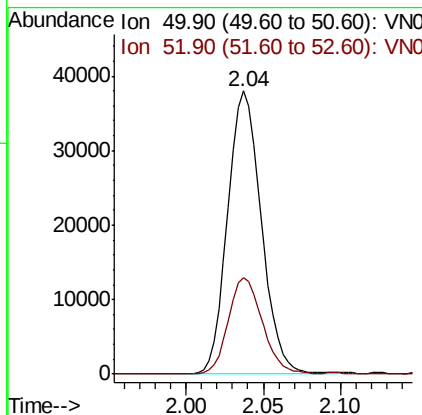
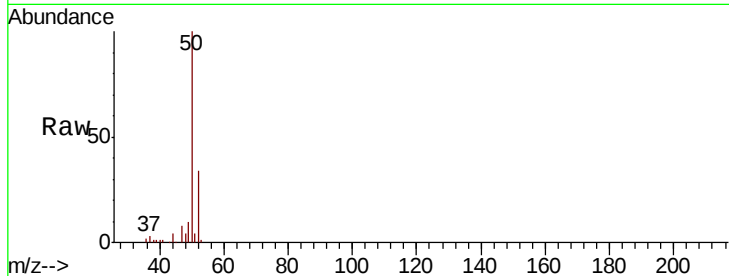
52 34.3 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 29.533 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059507.D

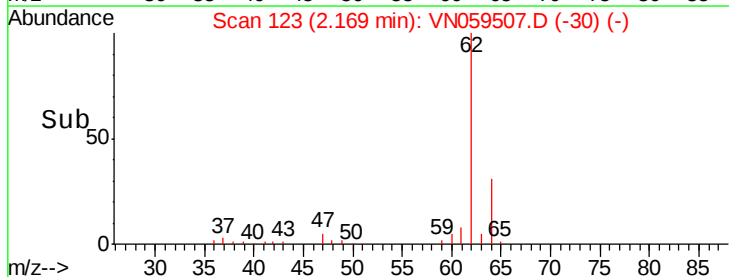
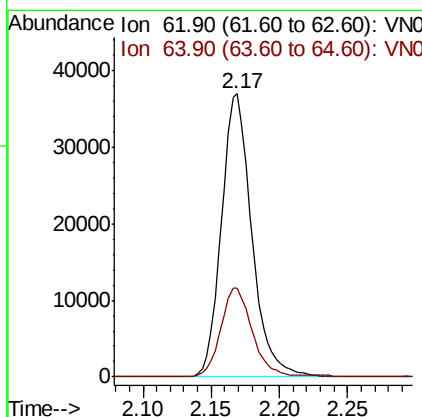
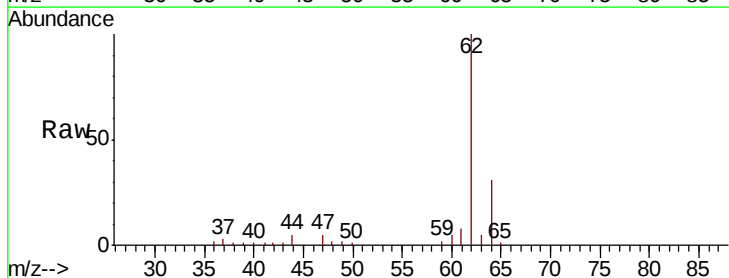
Acq: 6 Dec 2019 11:56

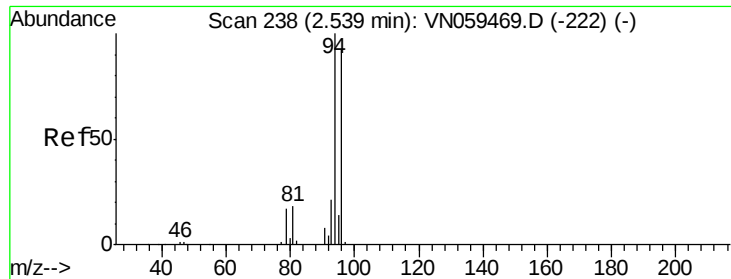
Tgt Ion: 62 Resp: 57281

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0





#5

Bromomethane

Concen: 31.821 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

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Acq: 6 Dec 2019 11:56

Instrument :

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Tot Ion: 94 Resp: 37506

Ion Ratio Lower Upper

94 100

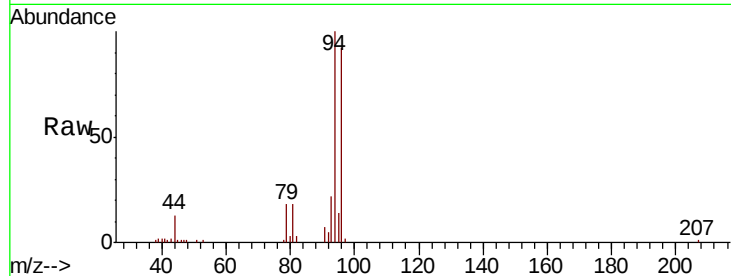
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Manual Integrations

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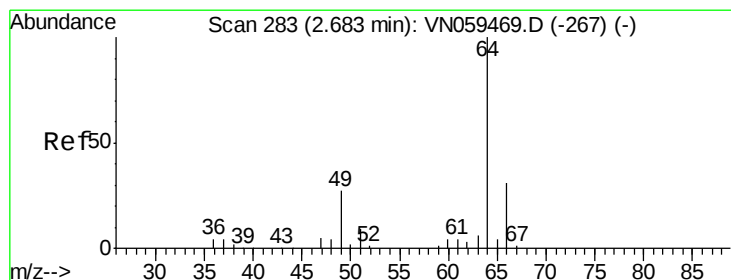
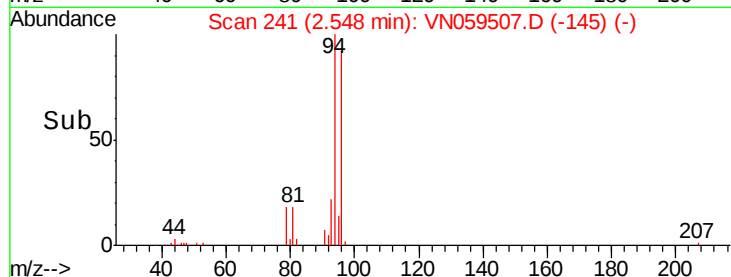
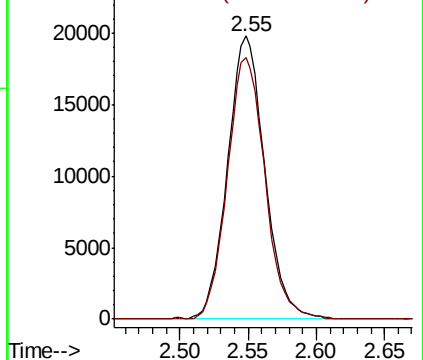
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 31.655 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN059507.D

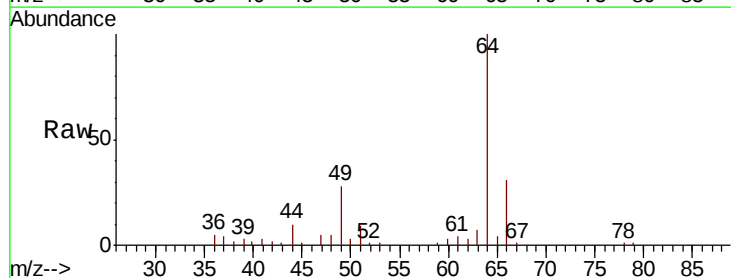
Acq: 6 Dec 2019 11:56

Tgt Ion: 64 Resp: 36247

Ion Ratio Lower Upper

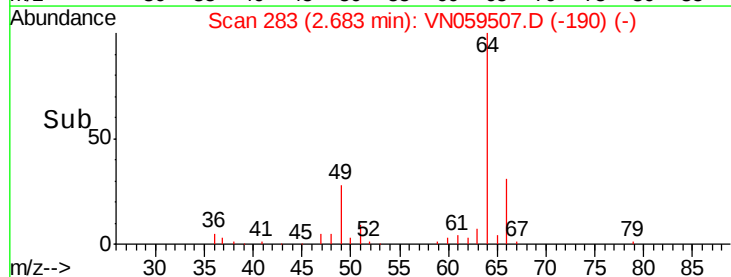
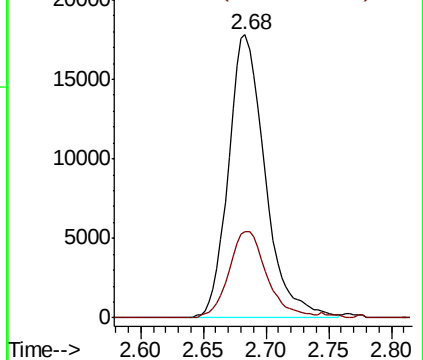
64 100

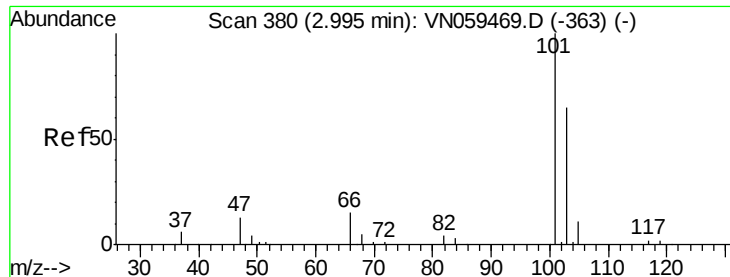
66 30.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

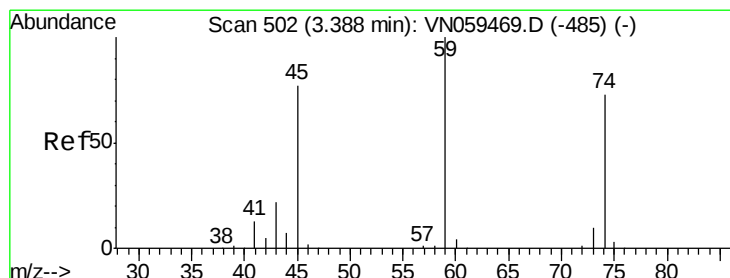
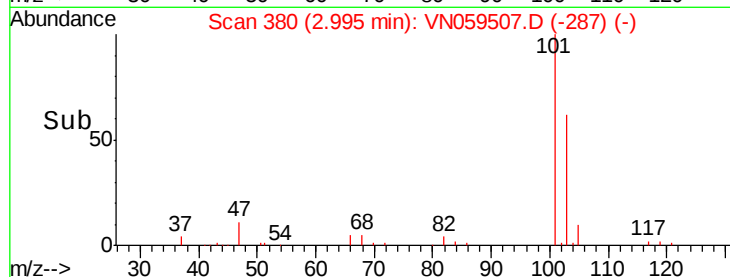
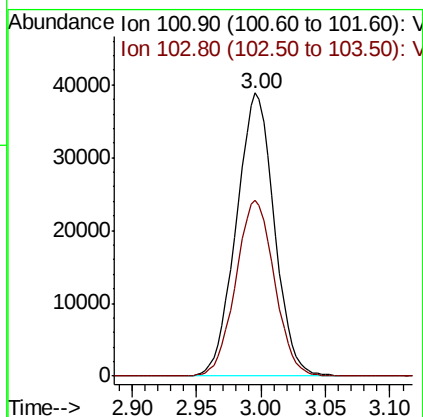
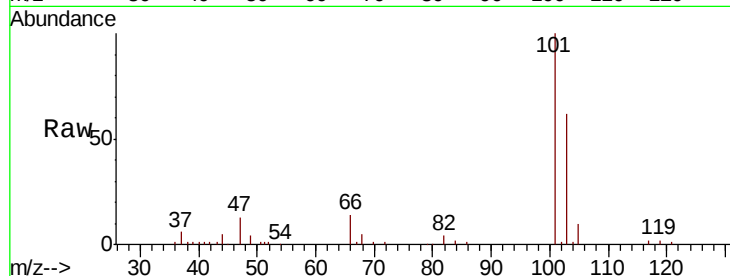
Trichlorofluoromethane
 Concen: 34.063 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

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Tot Ion	101	Resp	79790
Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.4	78.6

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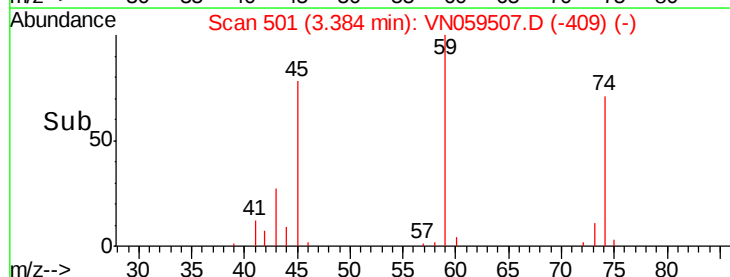
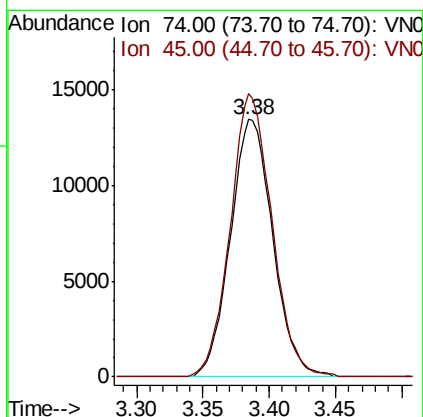
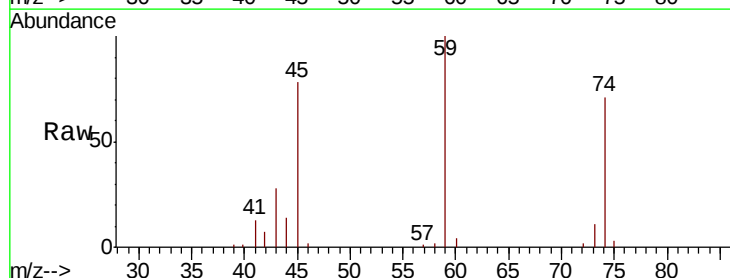
apatel
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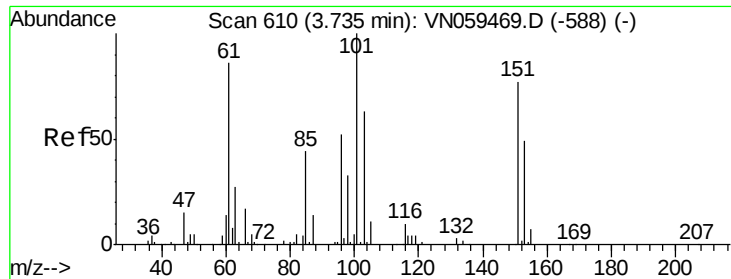


#8

Diethyl Ether
 Concen: 19.599 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Tgt Ion	74	Resp	29912
Ion	Ratio	Lower	Upper
74	100		
45	107.8	52.3	157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.316 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

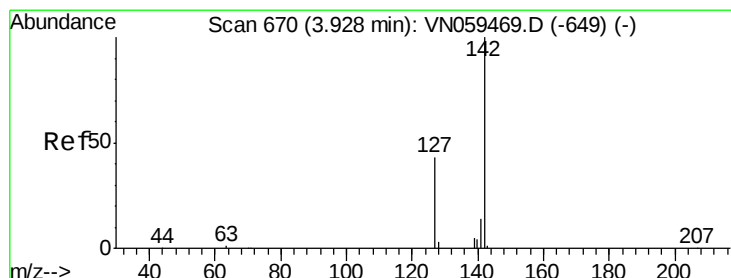
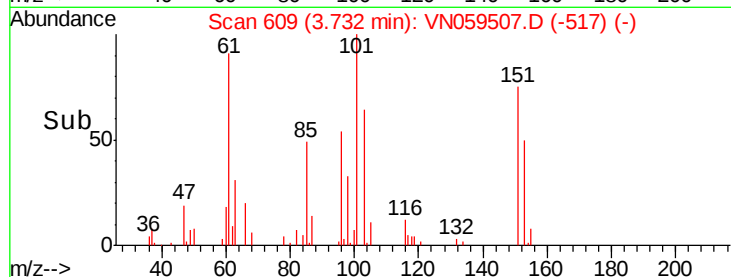
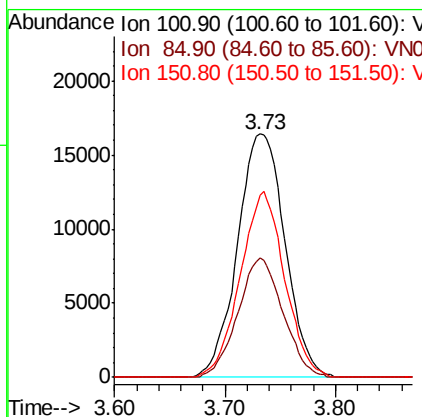
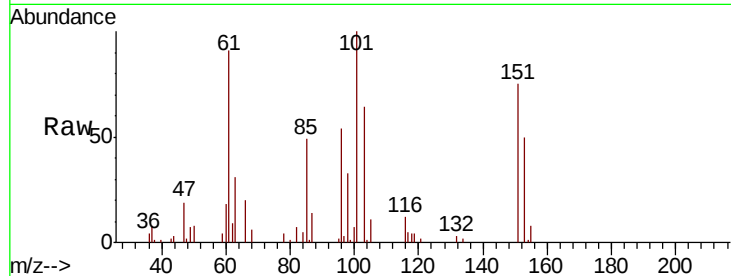
ClientSampleId :

VN1206WBS01

Tot Ion:	101	Resp:	49014
Ion Ratio	Lower	Upper	
101	100		
85	46.4	35.2	52.8
151	71.2	62.4	93.6

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#10

Methyl Iodide

Concen: 20.209 ug/l

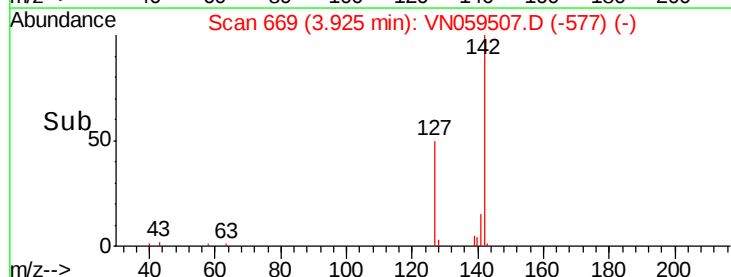
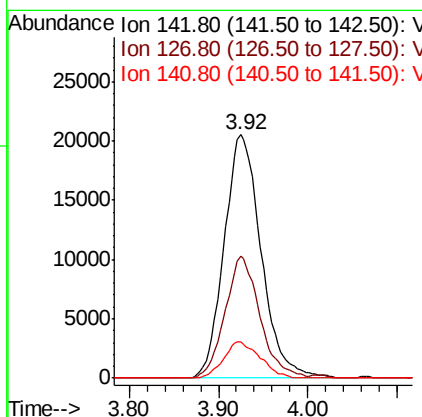
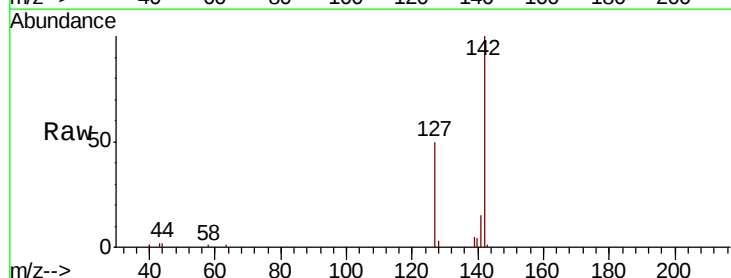
RT: 3.92 min Scan# 669

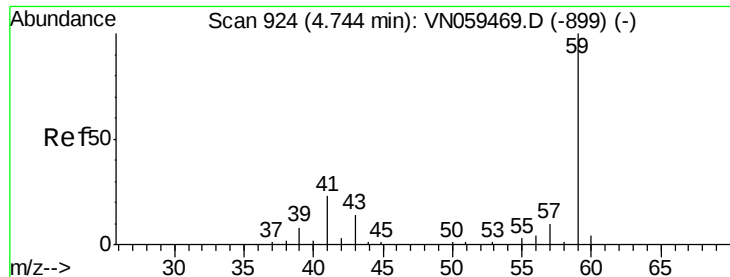
Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Tgt Ion:	142	Resp:	58840
Ion Ratio	Lower	Upper	
142	100		
127	47.1	34.6	52.0
141	14.7	11.4	17.0





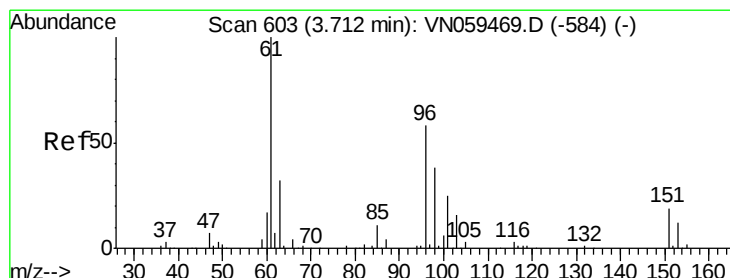
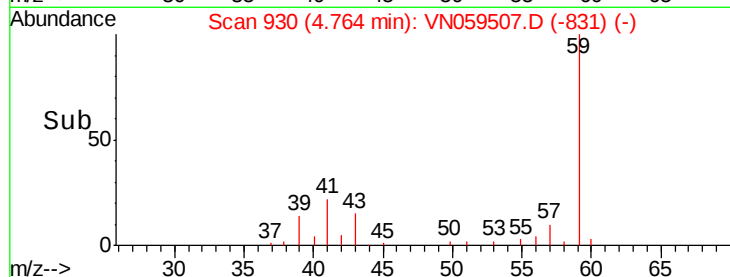
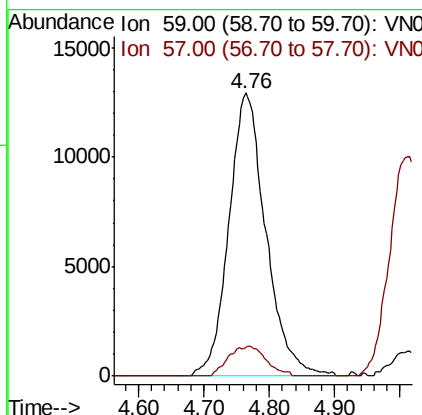
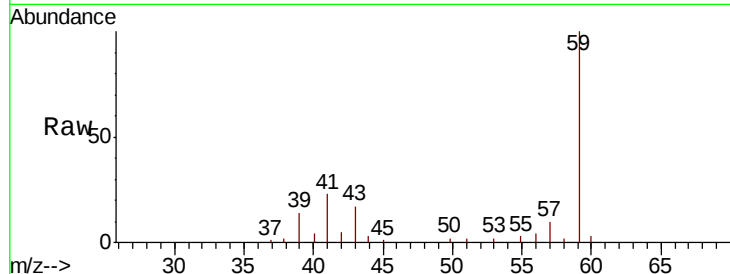
#11
Tert butyl alcohol
Concen: 100.272 ug/l
RT: 4.76 min Scan# 930
Delta R.T. 0.02 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.1	12.1

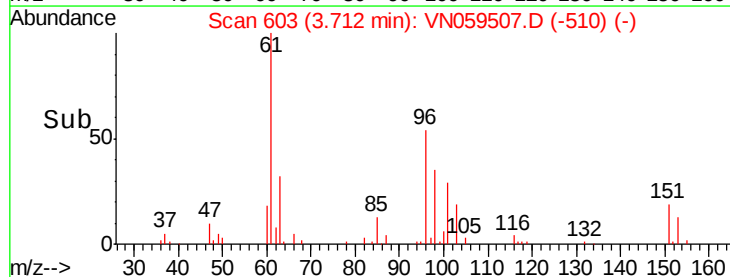
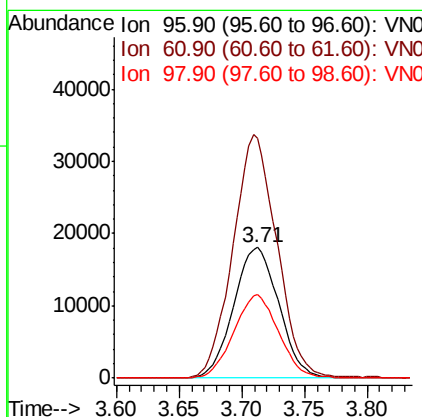
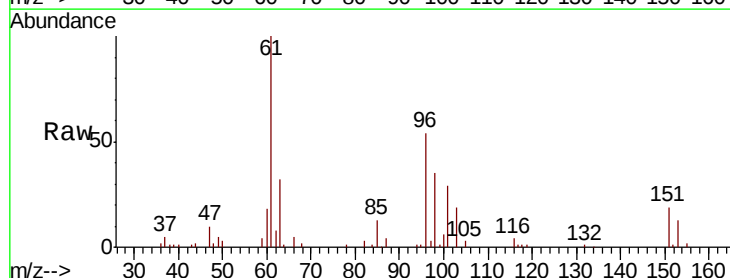
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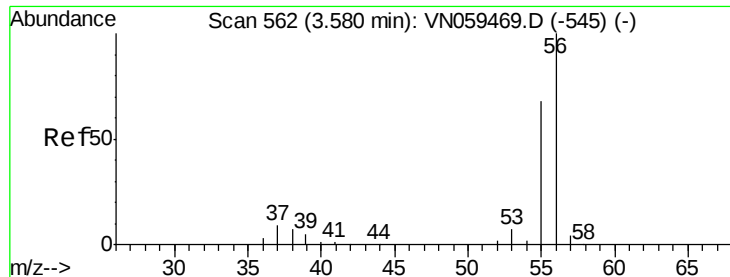
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#12
1,1-Dichloroethene
Concen: 20.101 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.0	137.1	205.7
98	64.2	52.4	78.6





#13

Acrolein

Concen: 95.078 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tot Ion: 56 Resp: 41860

Ion Ratio Lower Upper

56 100

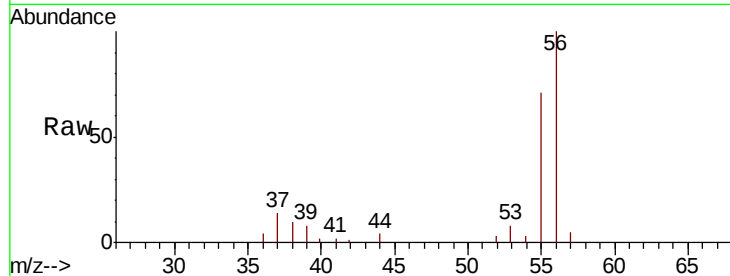
55 70.2 56.5 84.7

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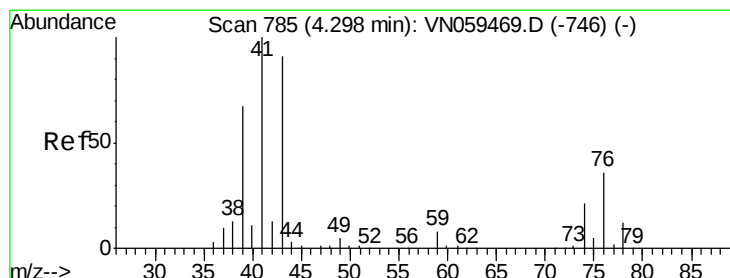
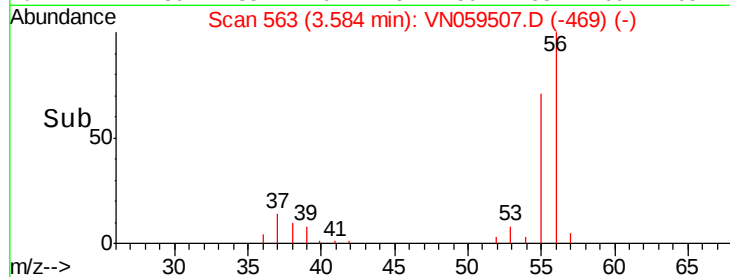
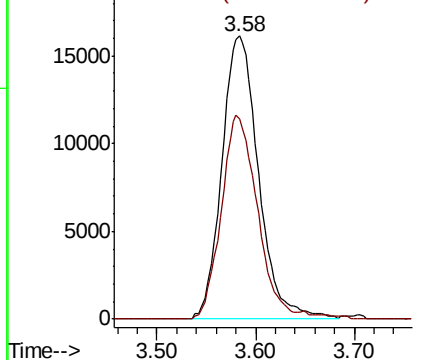
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.431 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

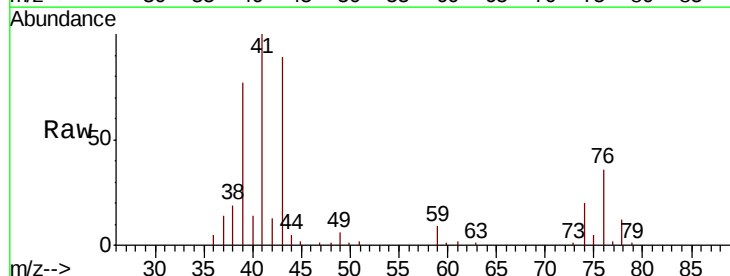
Tgt Ion: 41 Resp: 90451

Ion Ratio Lower Upper

41 100

39 74.4 49.3 73.9#

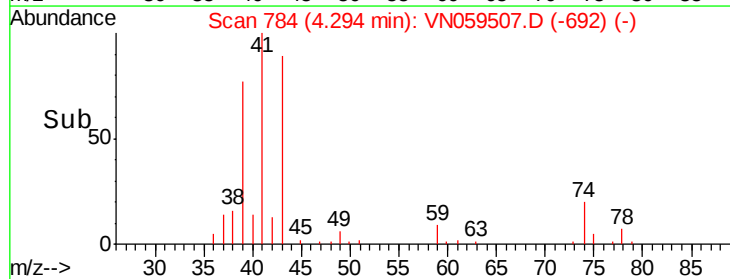
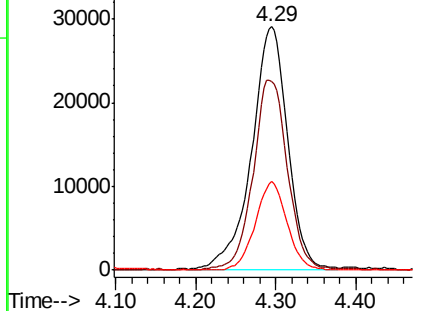
76 31.7 25.6 38.4

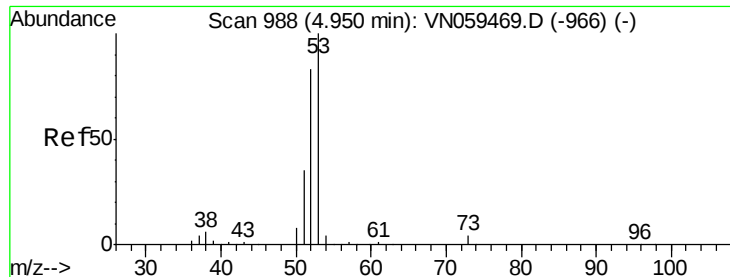


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 99.985 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

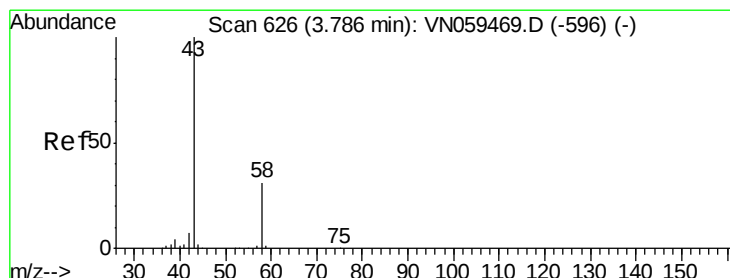
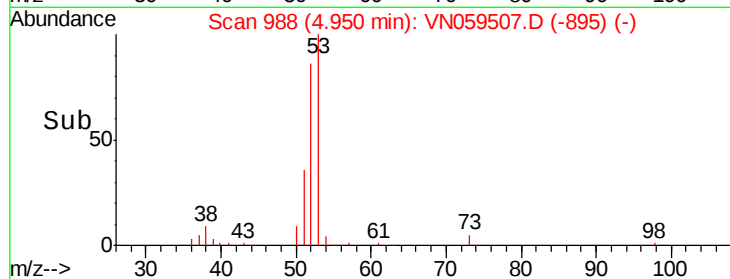
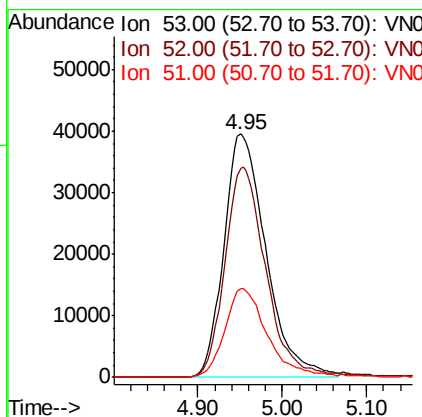
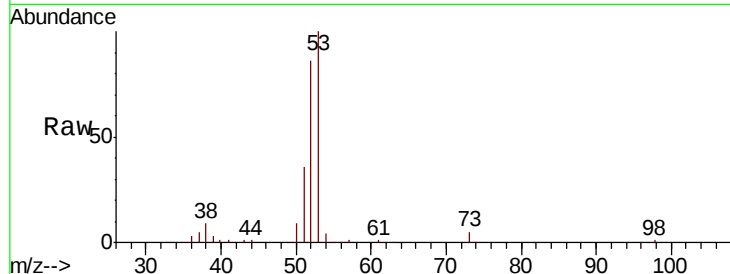
ClientSampled :

VN1206WBS01

Tot Ion:	53	Resp:	137223
Ion Ratio	Lower	Upper	
53	100		
52	83.4	65.5	98.3
51	36.7	28.5	42.7

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#16

Acetone

Concen: 100.724 ug/l

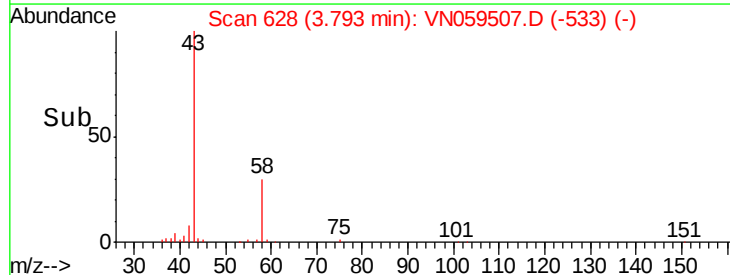
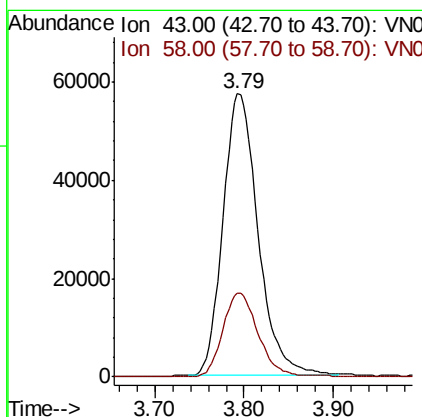
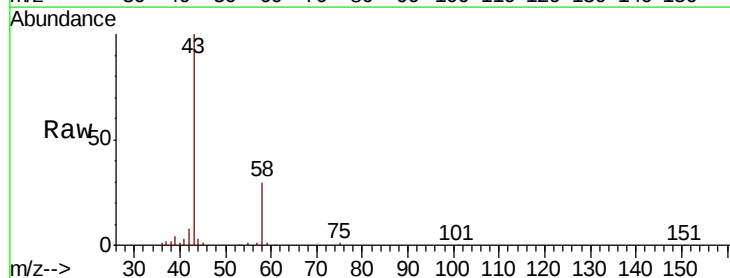
RT: 3.79 min Scan# 628

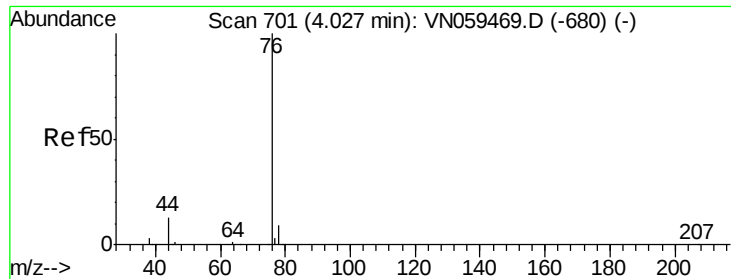
Delta R.T. 0.01 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Tgt Ion:	43	Resp:	156099
Ion Ratio	Lower	Upper	
43	100		
58	29.7	24.9	37.3





#17

Carbon Disulfide

Concen: 19.438 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tot Ion: 76 Resp: 149076

Ion Ratio Lower Upper

76 100

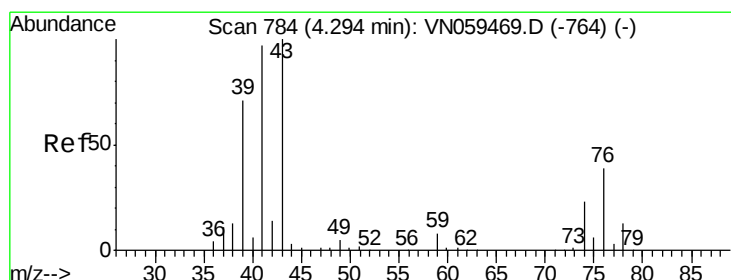
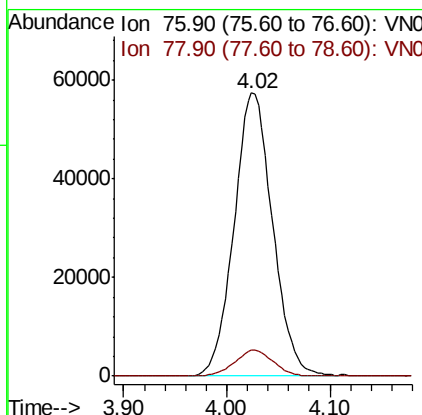
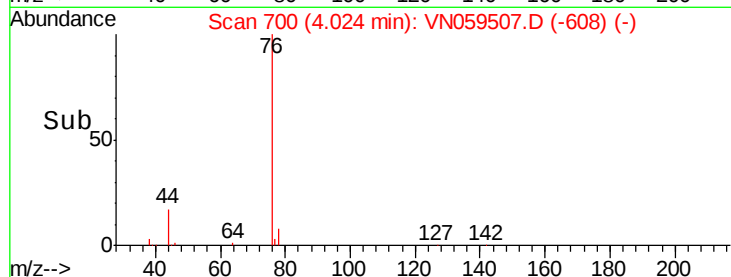
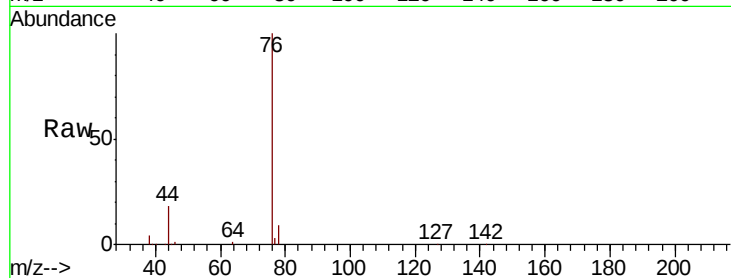
78 9.1 7.0 10.6

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#18

Methyl Acetate

Concen: 20.760 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059507.D

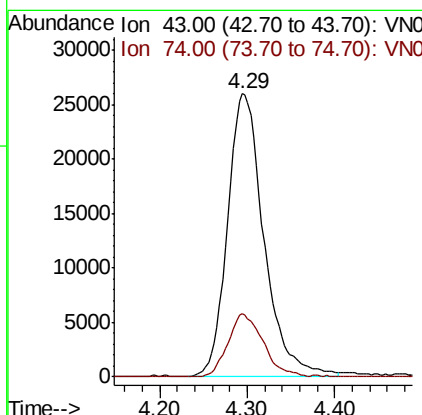
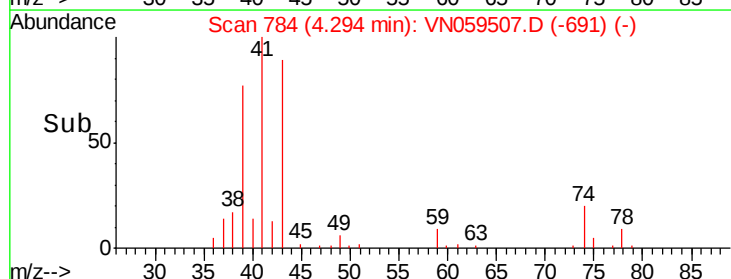
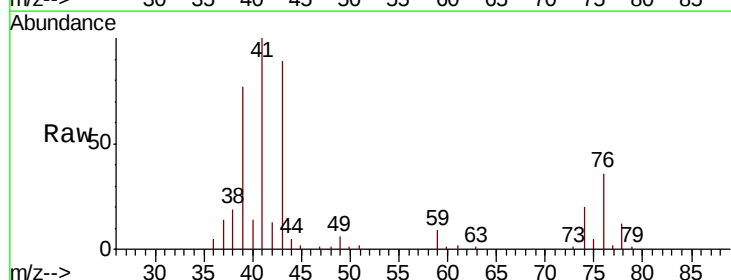
Acq: 6 Dec 2019 11:56

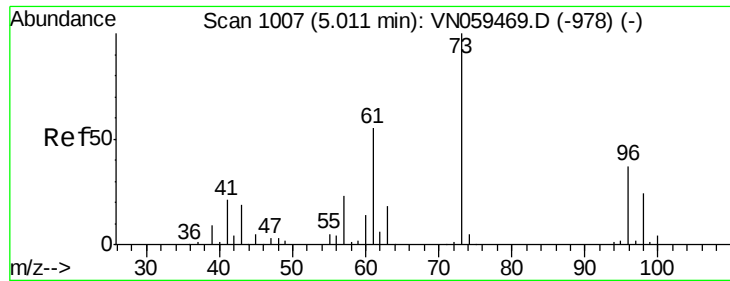
Tgt Ion: 43 Resp: 75237

Ion Ratio Lower Upper

43 100

74 21.5 18.3 27.5





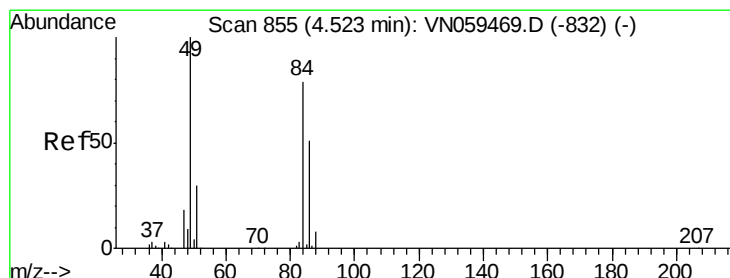
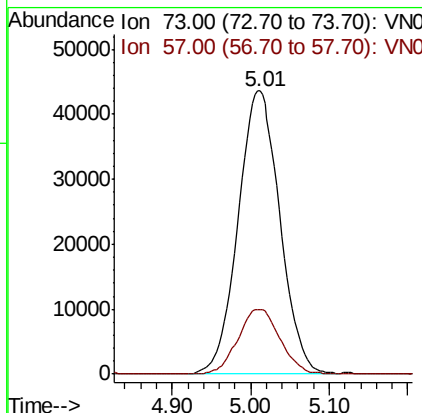
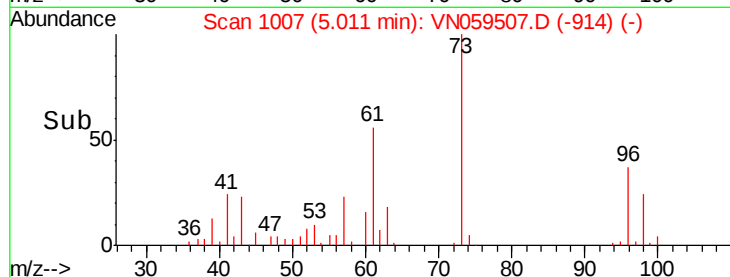
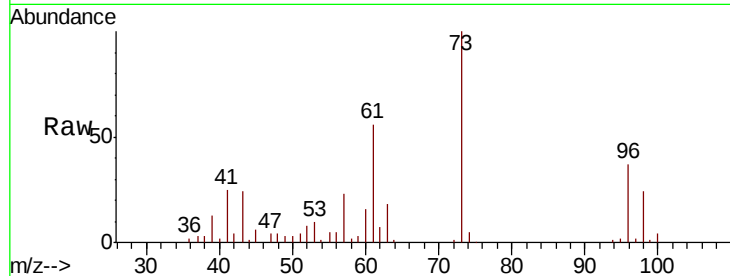
#19
Methvl tert-butvl Ether
Concen: 21.211 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion: 73 Resp: 162496
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0

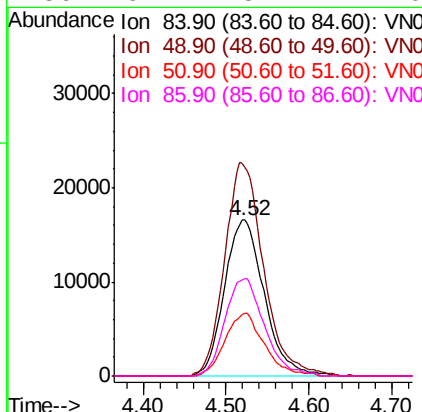
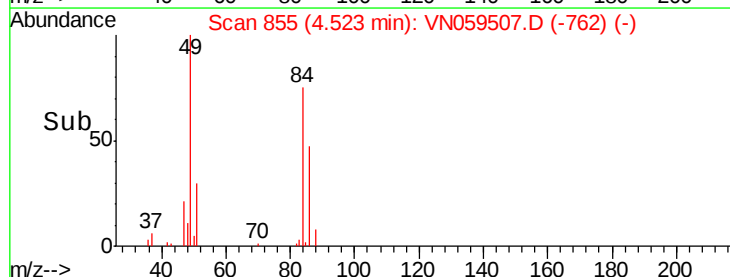
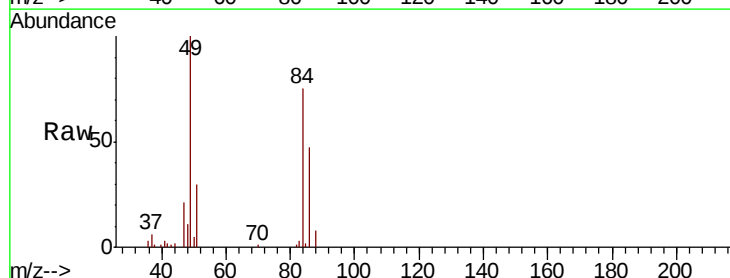
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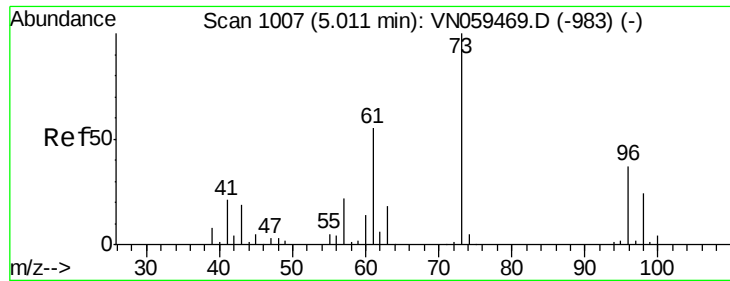
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#20
Methylene Chloride
Concen: 21.065 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 84 Resp: 55174
Ion Ratio Lower Upper
84 100
49 133.5 101.1 151.7
51 40.6 30.7 46.1
86 62.1 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 20.494 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

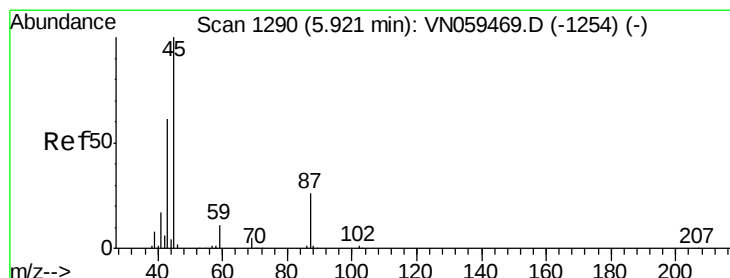
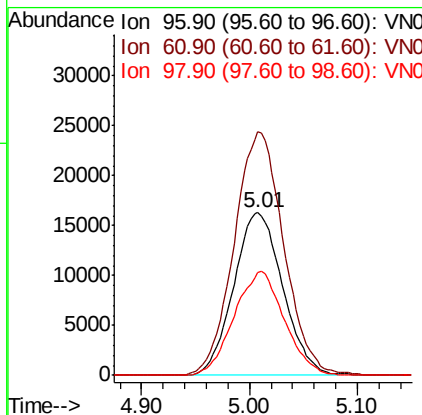
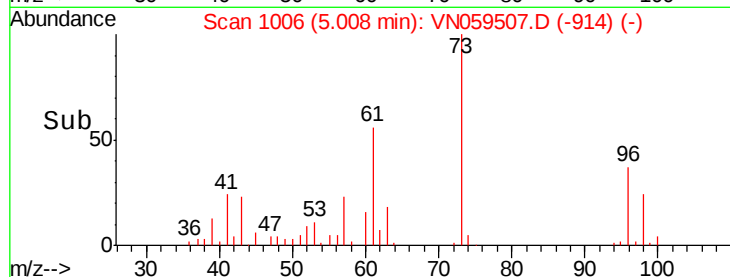
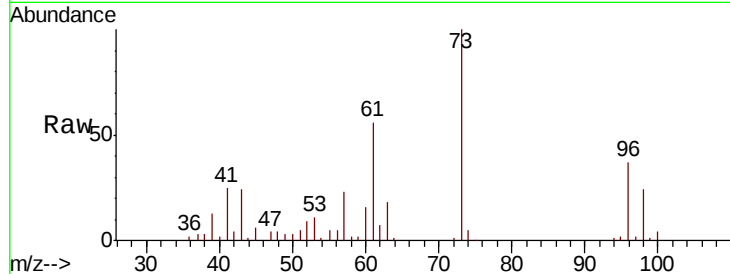
ClientSampleId :

VN1206WBS01

Tot Ion:	96	Resp:	51543
Ion	Ratio	Lower	Upper
96	100		
61	148.5	118.9	178.3
98	63.0	51.6	77.4

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#22

Diisopropyl ether

Concen: 21.817 ug/l

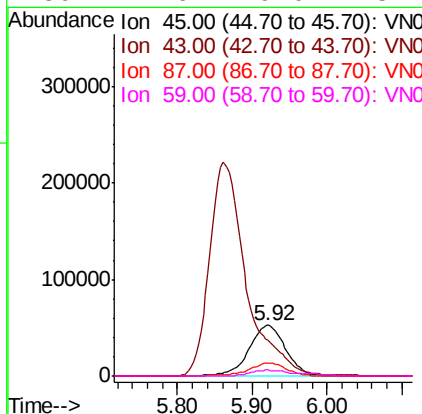
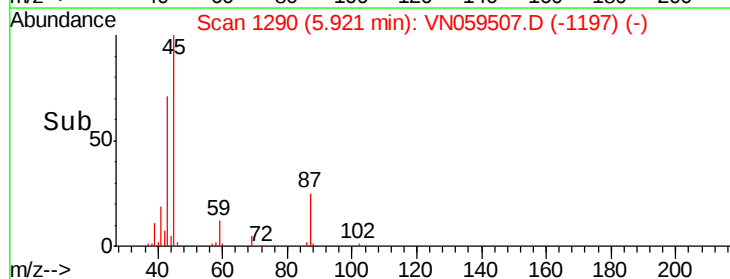
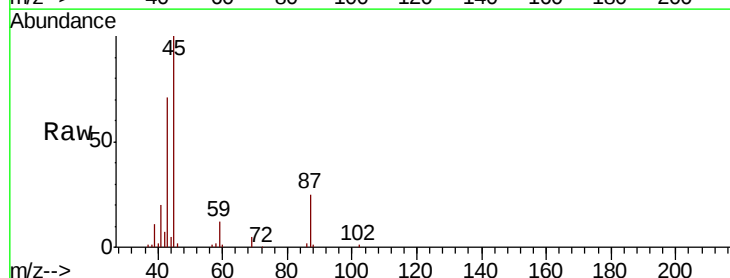
RT: 5.92 min Scan# 1290

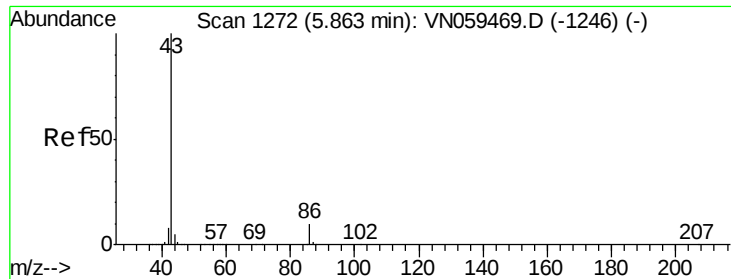
Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Tgt Ion:	45	Resp:	179777
Ion	Ratio	Lower	Upper
45	100		
43	68.9	49.1	73.7
87	25.4	21.6	32.4
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 114.401 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tot Ion: 43 Resp: 756422

Ion Ratio Lower Upper

43 100

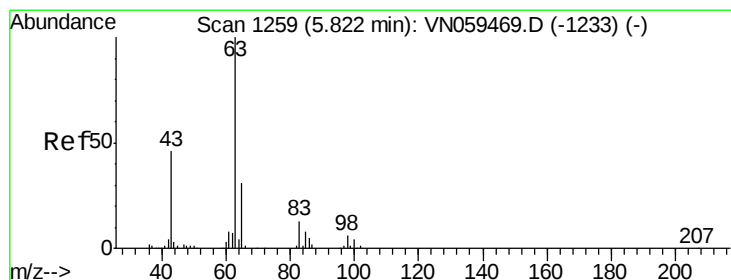
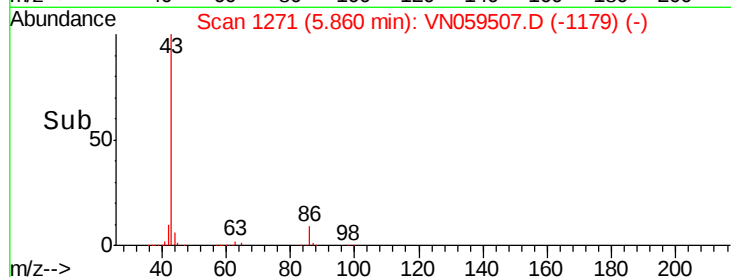
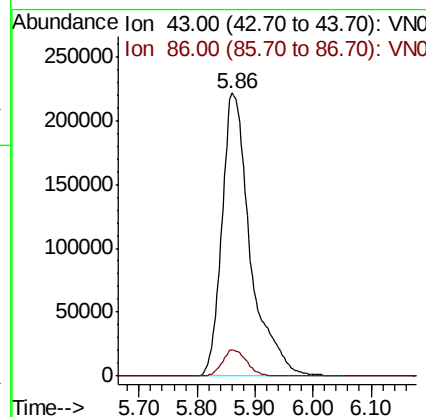
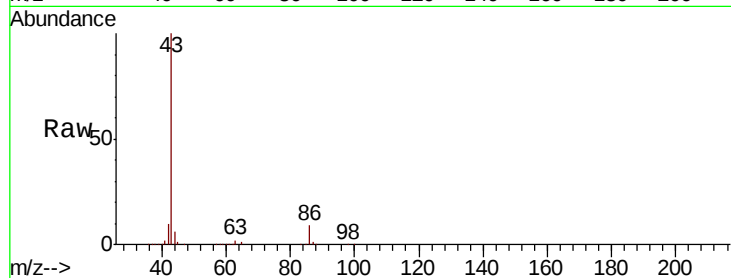
86 9.3 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 22.333 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

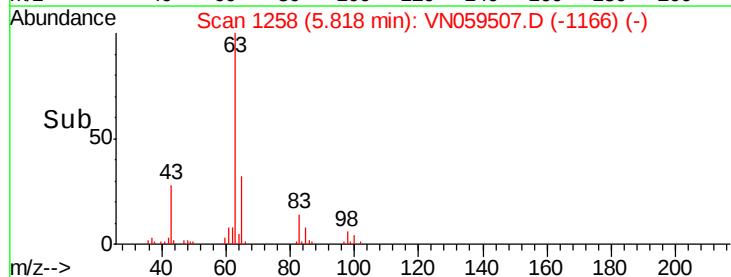
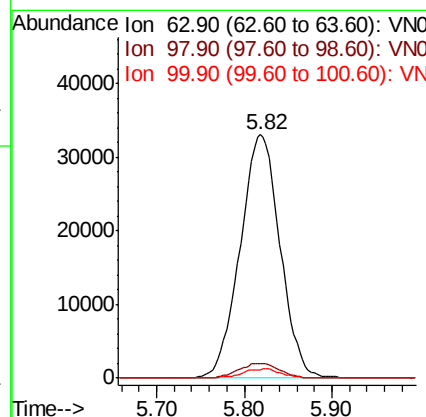
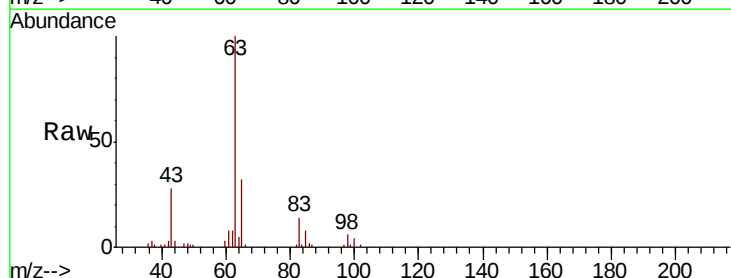
Tgt Ion: 63 Resp: 104539

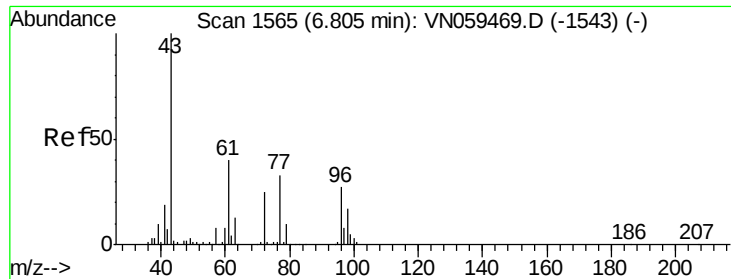
Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 3.6 2.0 6.0





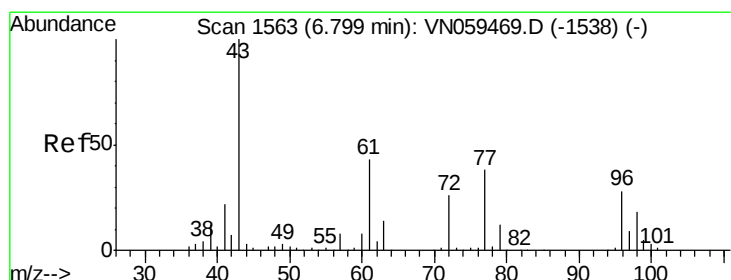
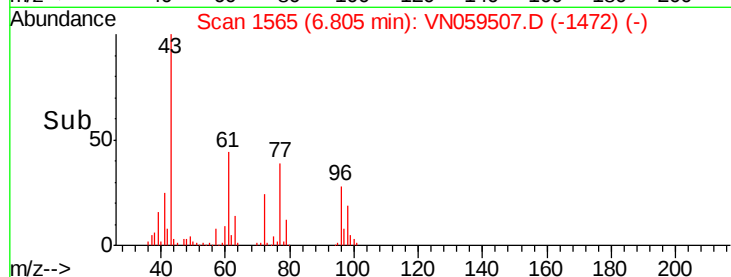
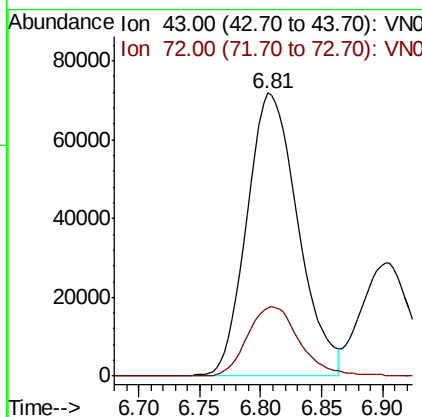
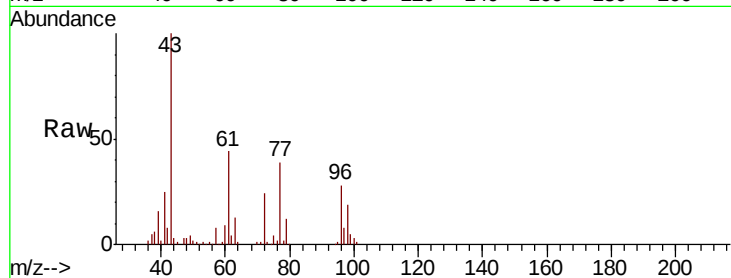
#25
2-Butanone
Concen: 102.302 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion: 43 Resp: 209333
Ion Ratio Lower Upper
43 100
72 24.3 20.2 30.2

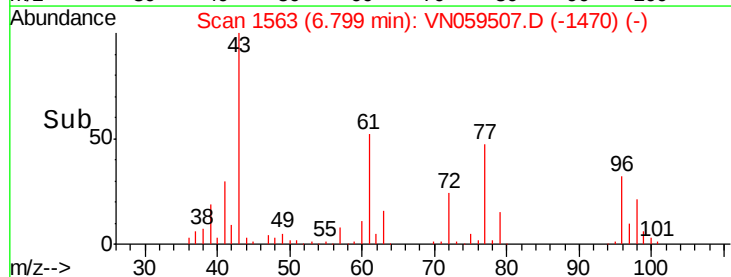
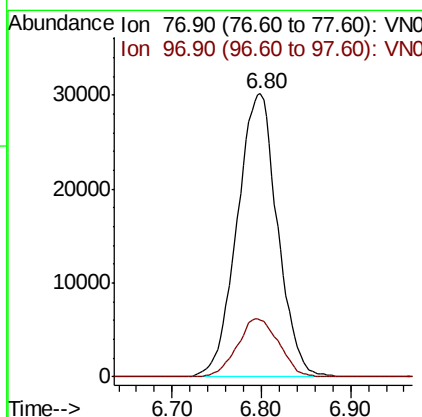
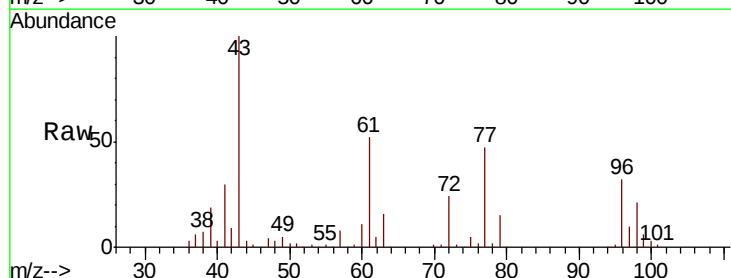
Manual Integrations
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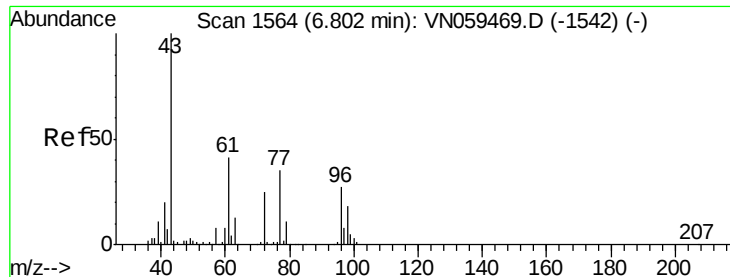
apatel
12/9/2019 8:47:43 AM



#26
2,2-Dichloropropane
Concen: 23.451 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 77 Resp: 94946
Ion Ratio Lower Upper
77 100
97 21.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.207 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

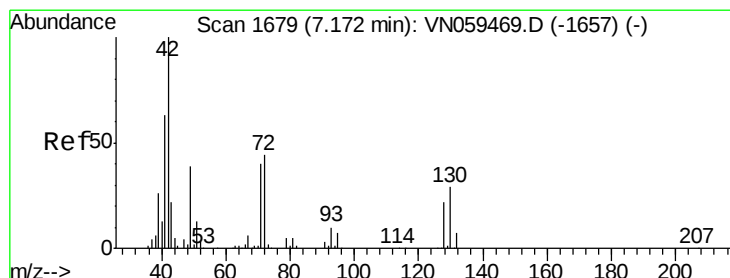
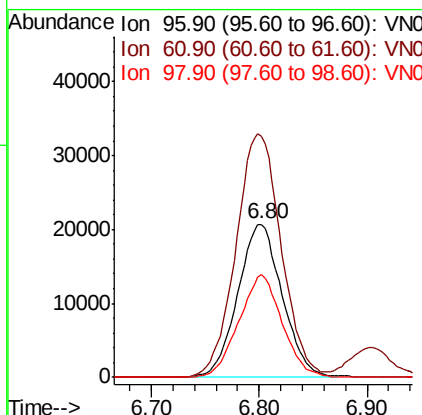
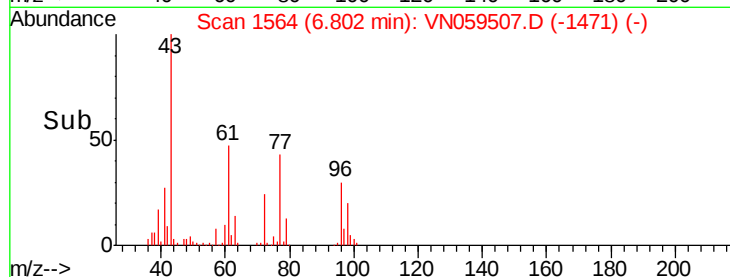
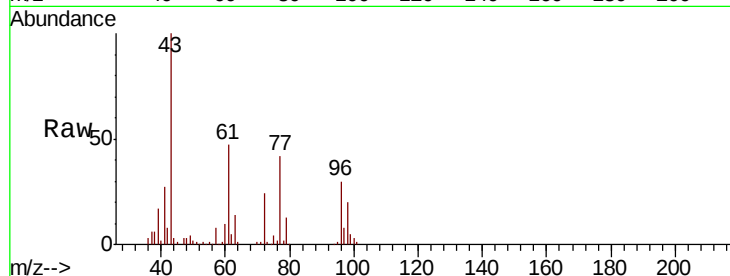
ClientSampleId :

VN1206WBS01

Tot Ion:	96	Resp:	59237
Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	307.4
98	65.2	0.0	129.2

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#28

Bromochloromethane

Concen: 23.583 ug/l

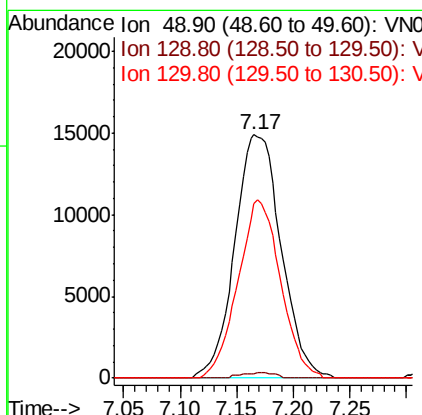
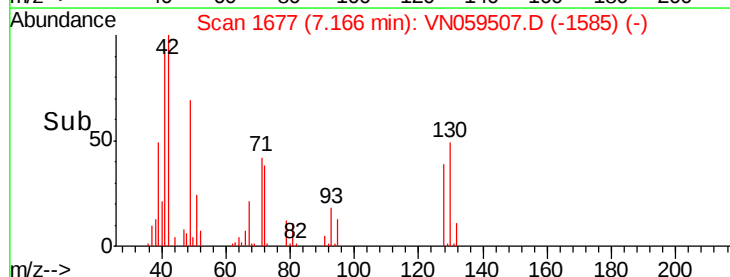
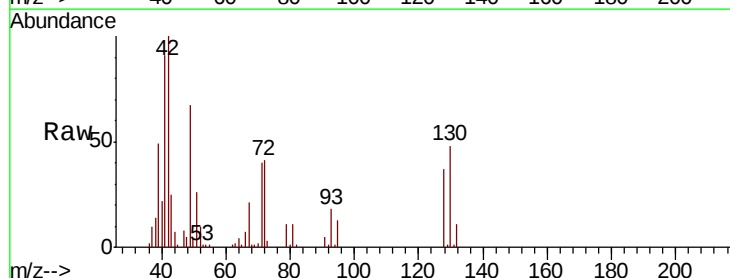
RT: 7.17 min Scan# 1677

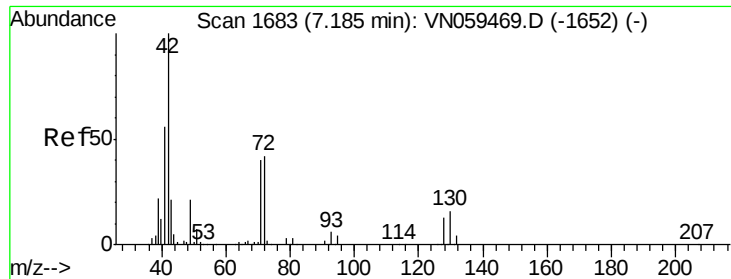
Delta R.T. -0.01 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Tgt Ion:	49	Resp:	42408
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	67.3	58.4	87.6





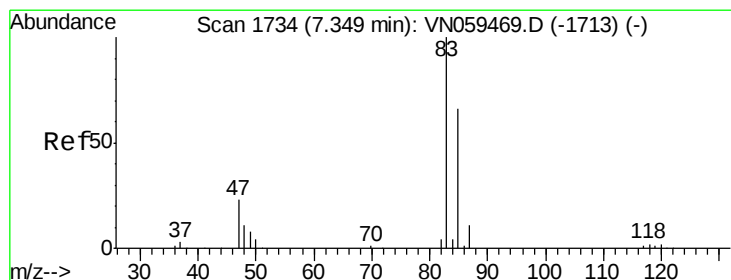
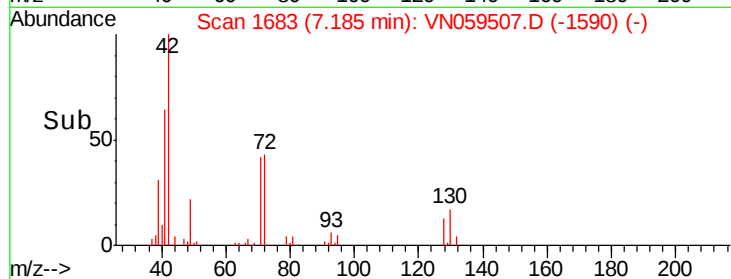
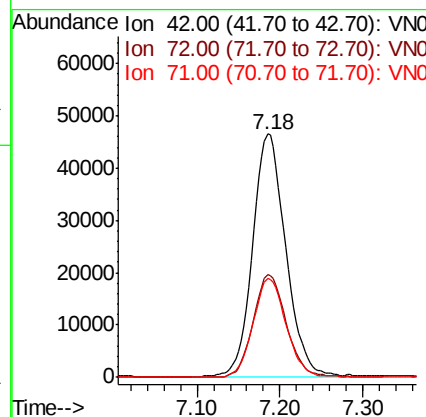
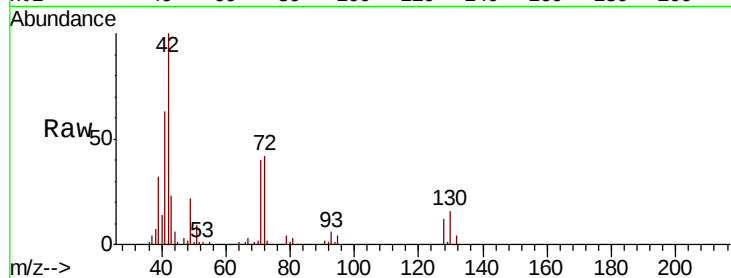
#29
Tetrahydrofuran
Concen: 101.068 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.2	51.2
71	40.2	32.0	48.0

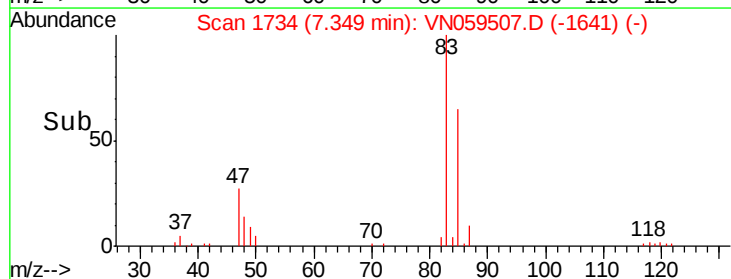
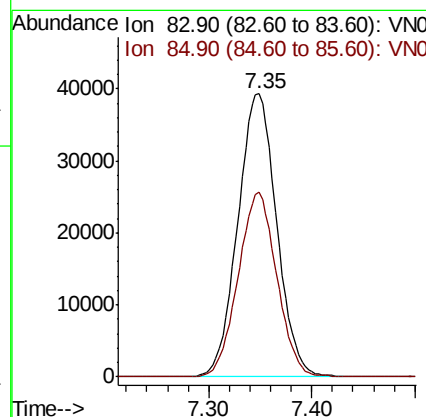
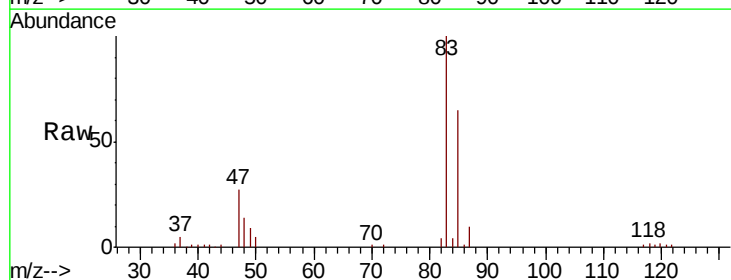
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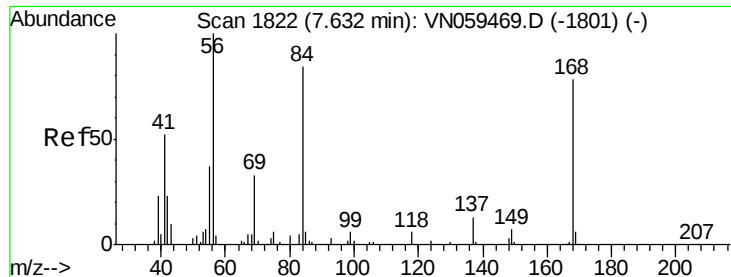
apatel
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#30
Chloroform
Concen: 22.766 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.4	78.6





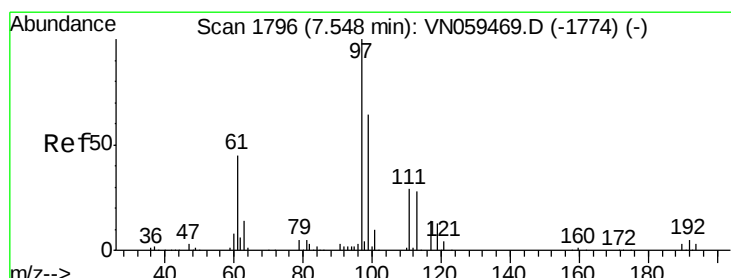
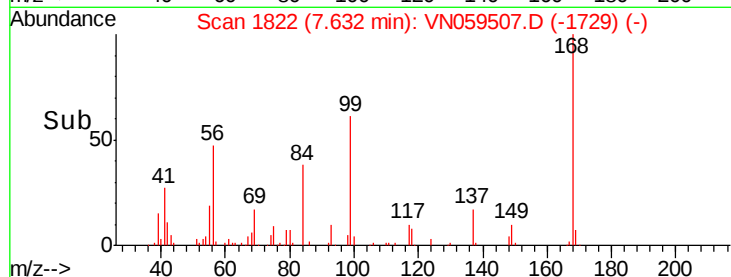
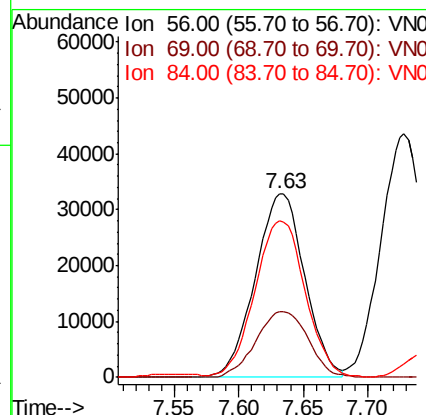
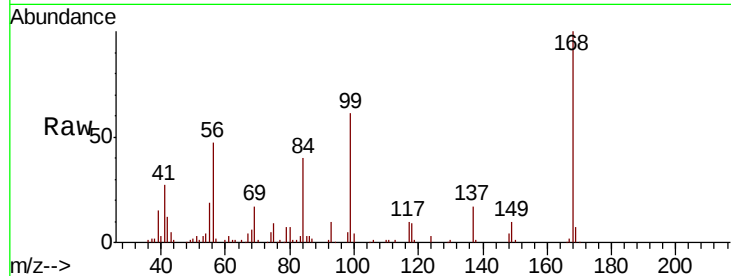
#31
Cyclohexane
Concen: 19.398 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	26.2	39.4
84	83.5	66.8	100.2

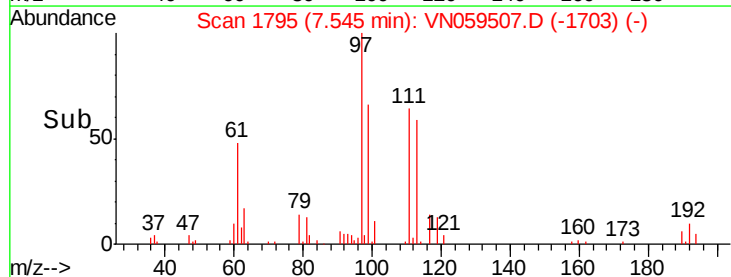
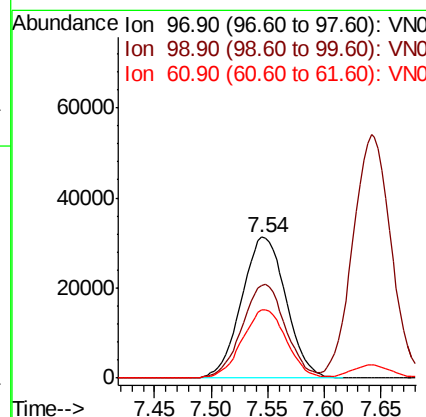
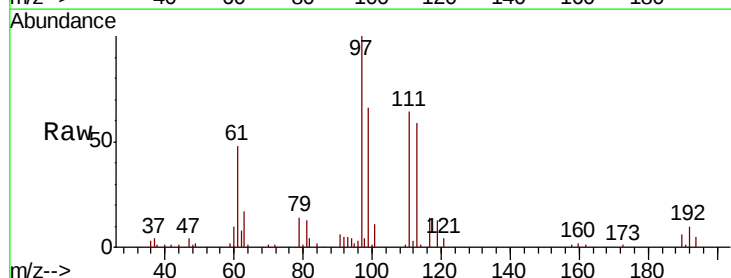
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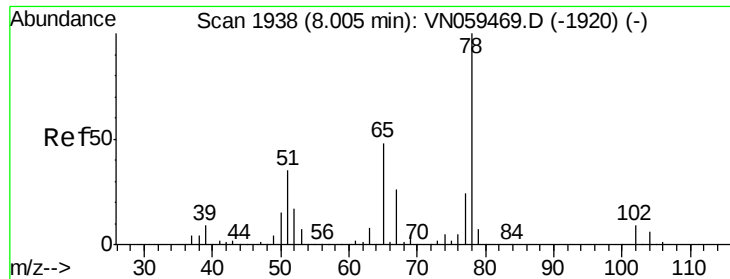
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#32
1,1,1-Trichloroethane
Concen: 21.792 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.7	77.5
61	48.3	35.4	53.0





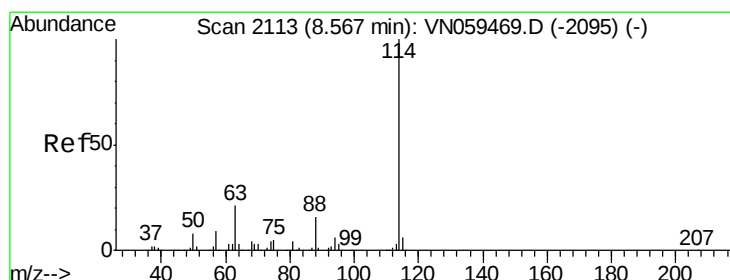
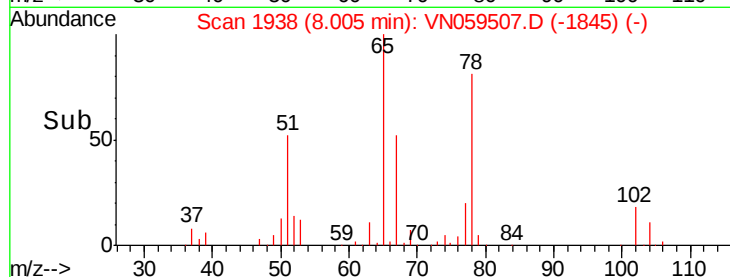
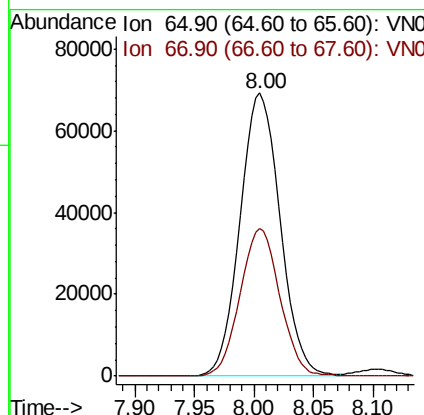
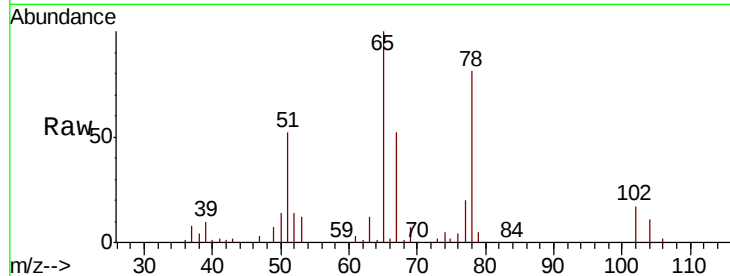
#33
 1,2-Dichloroethane-d4
 Concen: 60.173 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161994		
67	51.8	0.0	107.4	

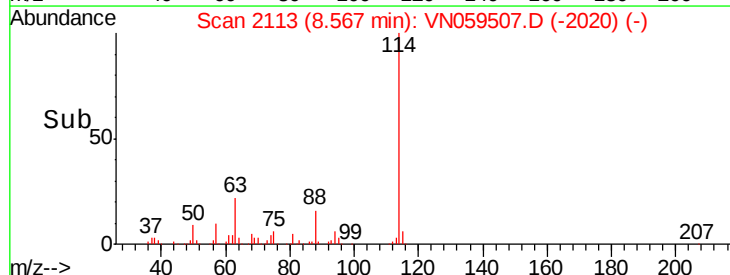
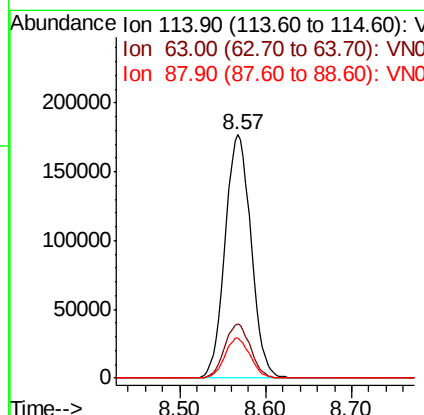
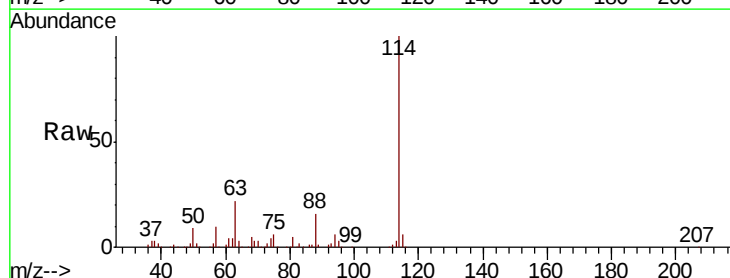
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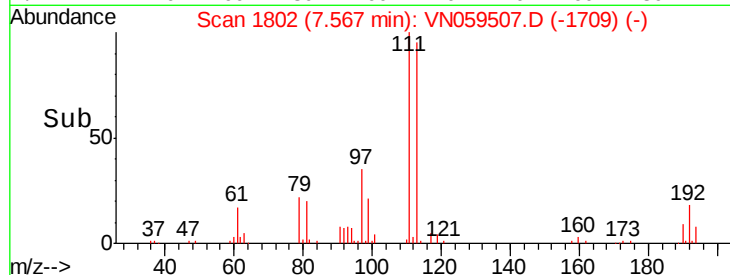
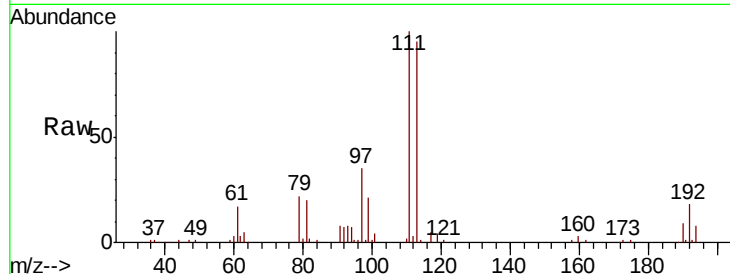
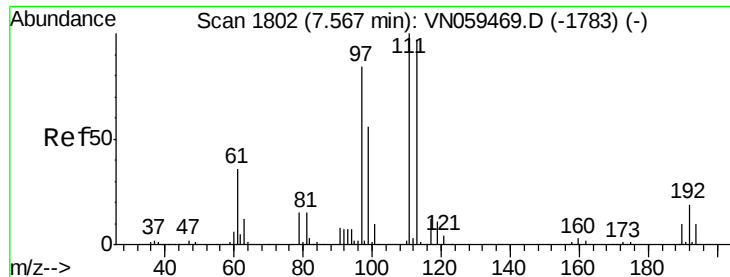
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	372187		
63	22.1	0.0	42.4	
88	16.4	0.0	32.8	





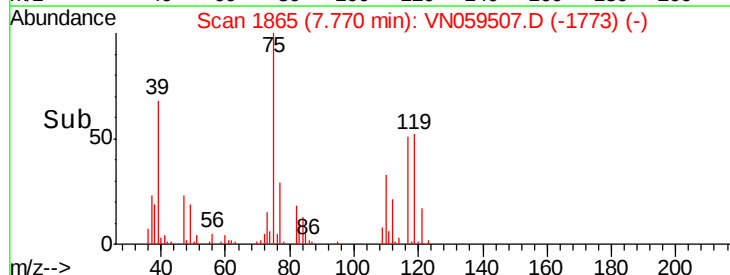
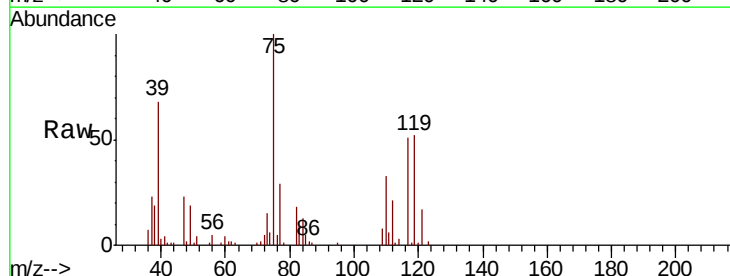
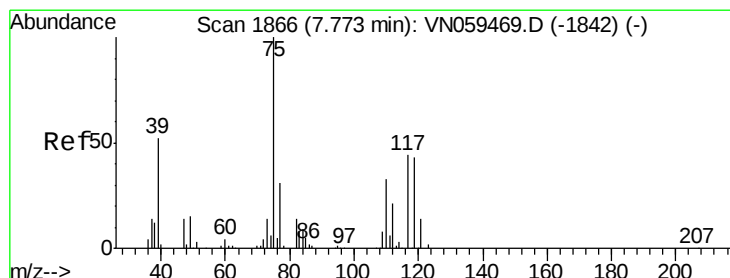
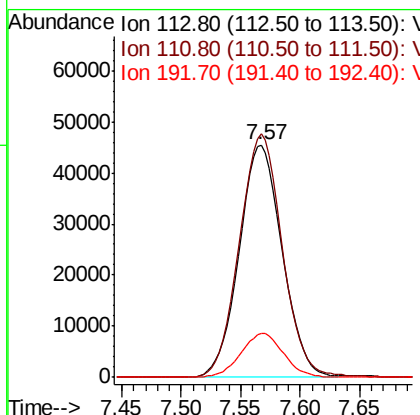
#35
Dibromofluoromethane
Concen: 49.106 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113832		
111	104.6	82.5	123.7	
192	18.7	16.1	24.1	

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

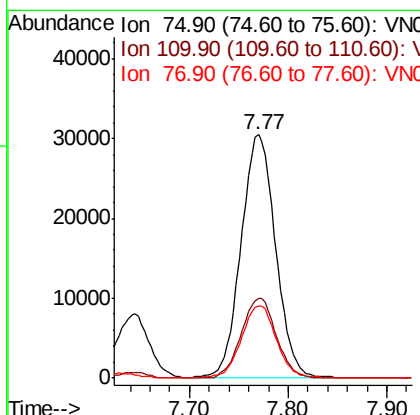
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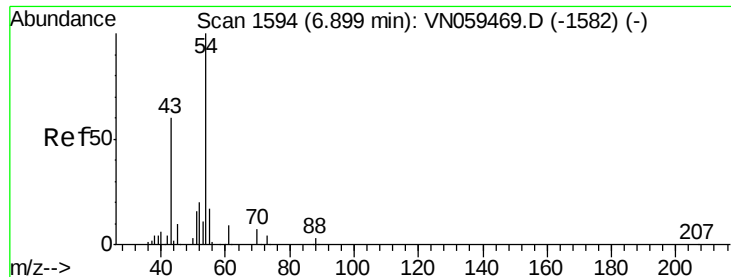
apatel
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#36
1,1-Dichloropropene
Concen: 19.072 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73867		
110	33.1	16.9	50.7	
77	30.1	25.1	37.7	





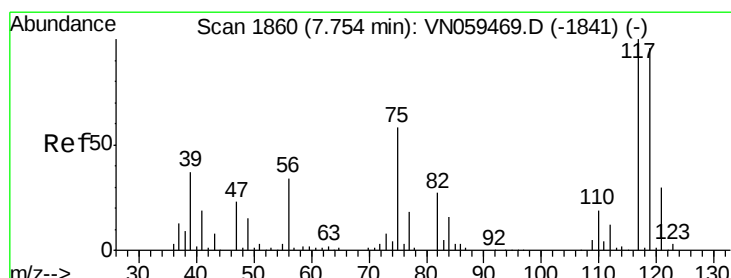
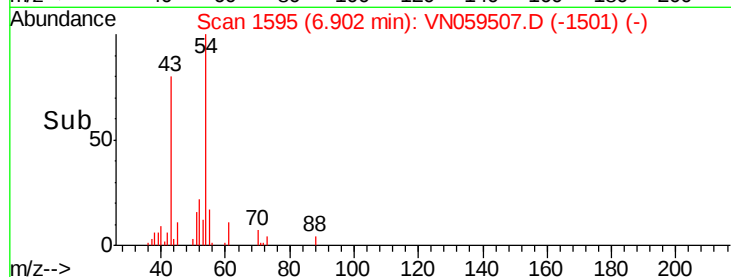
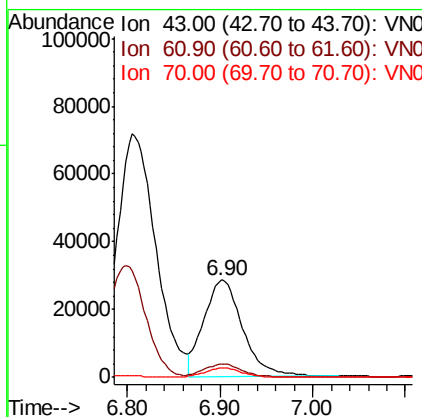
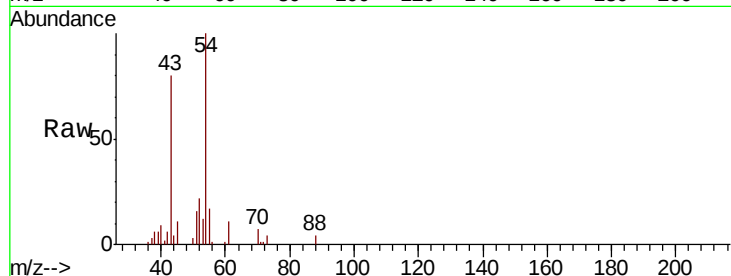
#37
Ethyl Acetate
Concen: 19.353 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	9.1	8.3	12.5

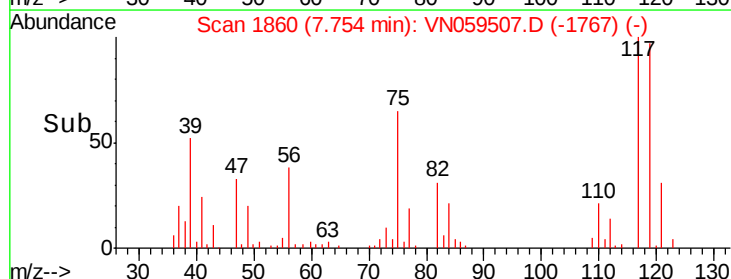
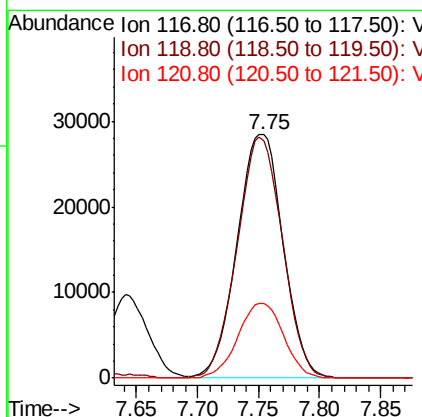
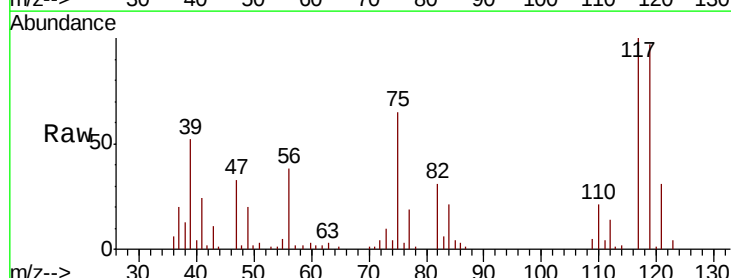
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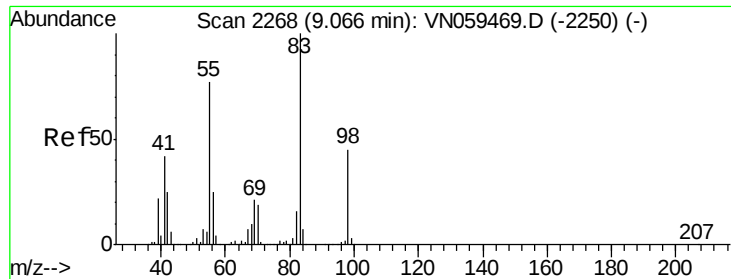
apatel
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#38
Carbon Tetrachloride
Concen: 19.961 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.6	114.8
121	30.8	24.0	36.0





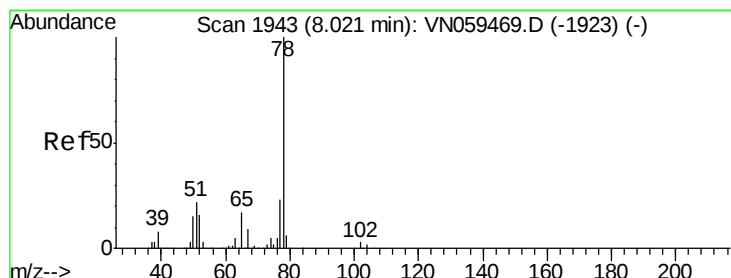
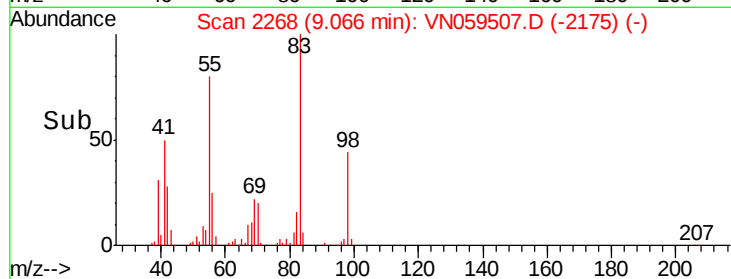
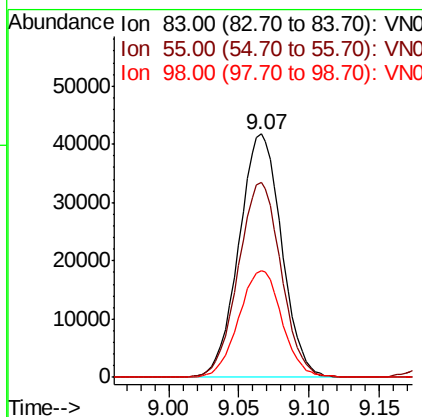
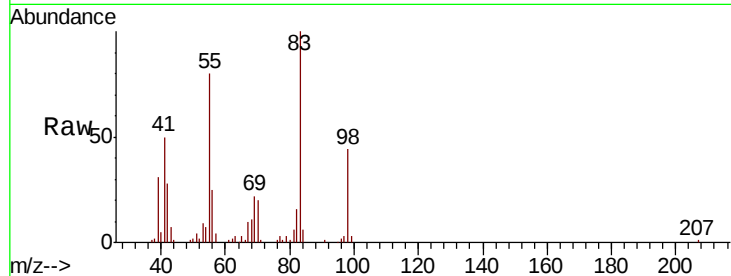
#39
Methvlcvclohexane
Concen: 18.949 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	80.1	61.8	92.6	
98	43.6	36.2	54.2	

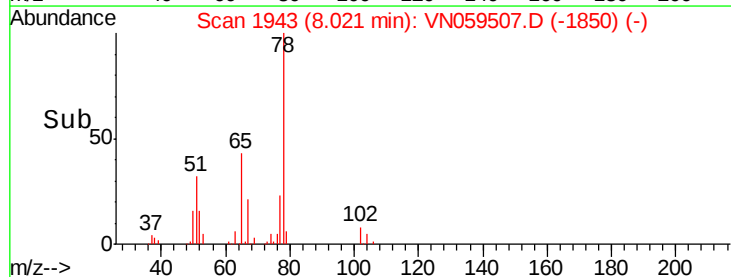
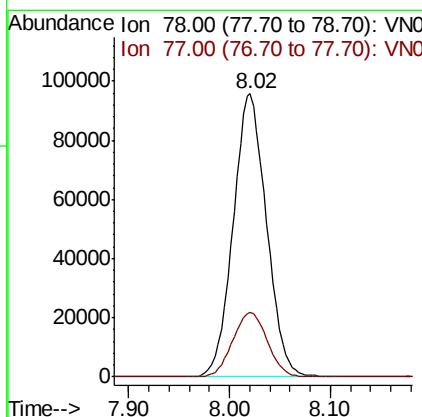
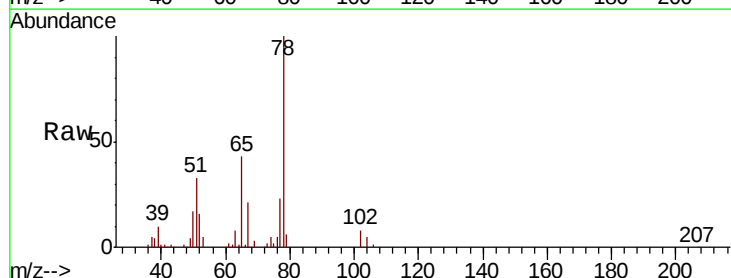
Manual Integrations
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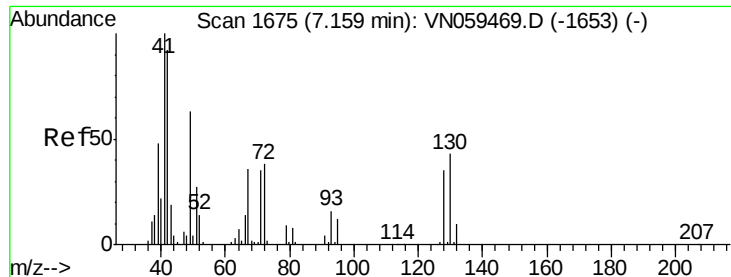
apatel
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#40
Benzene
Concen: 19.323 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.9	18.2	27.2	





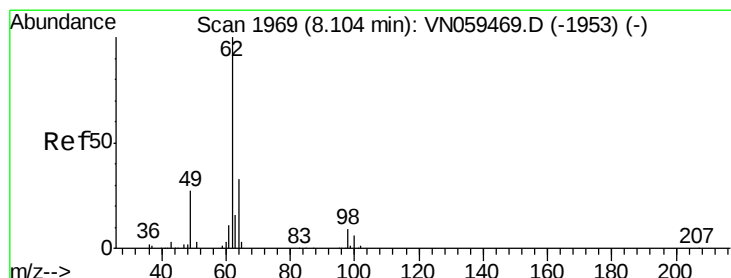
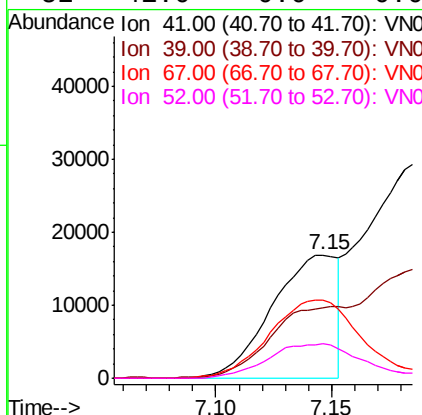
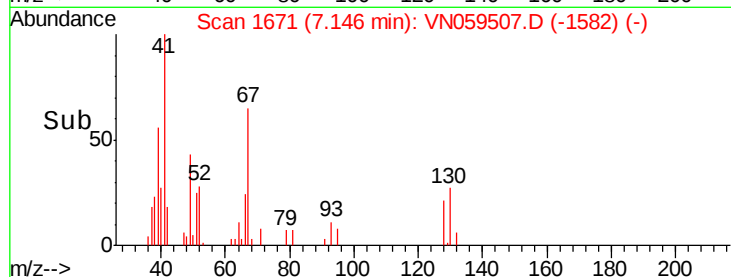
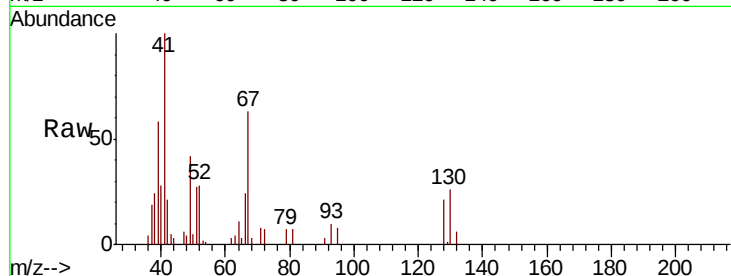
#41
Methacrylonitrile
Concen: 18.966 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.5	0.0	0.0#
67	90.7	0.0	0.0#
52	41.0	0.0	0.0#

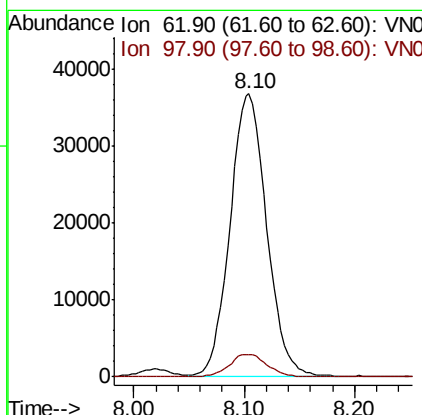
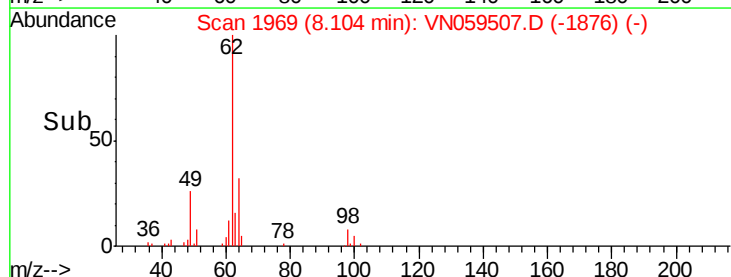
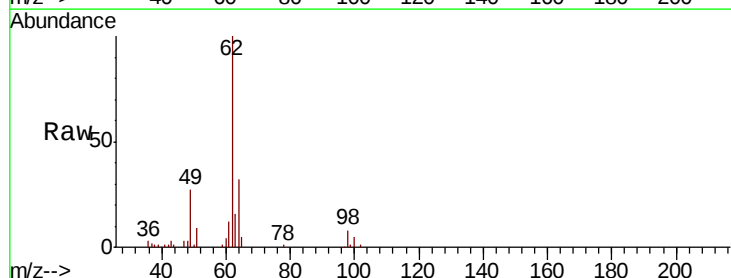
Manual Integrations
APPROVED

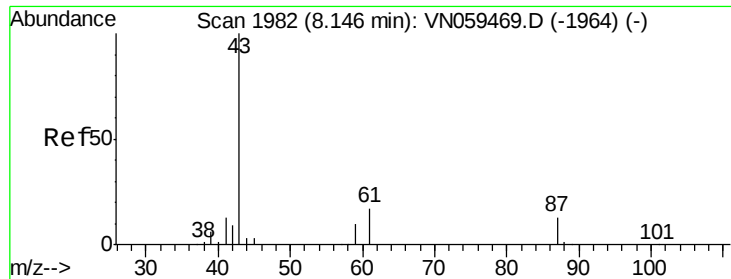
apatel
12/9/2019 8:47:43 AM



#42
1,2-Dichloroethane
Concen: 22.043 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.8





#43

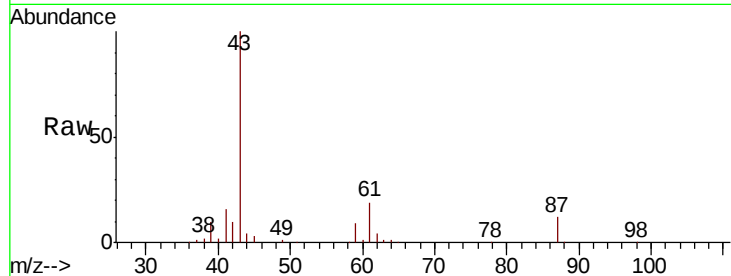
Isopropyl Acetate
 Concen: 20.202 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

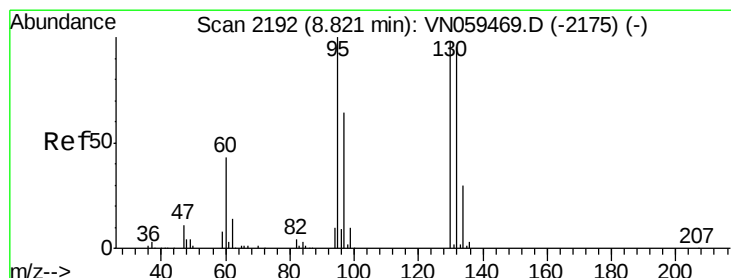
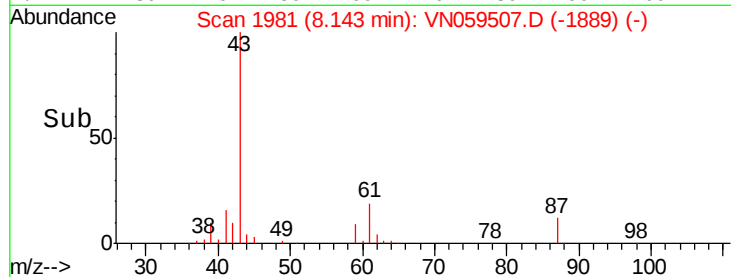
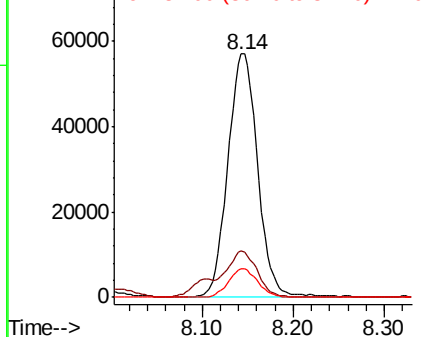
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	21.0	31.6#
87	11.6	10.4	15.6

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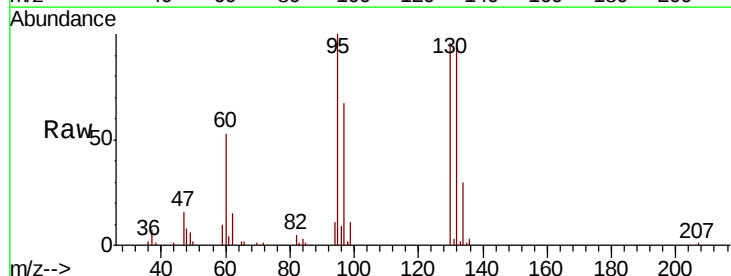
Abundance Ion 43.00 (42.70 to 43.70): VN059469.D (-1964) (-)



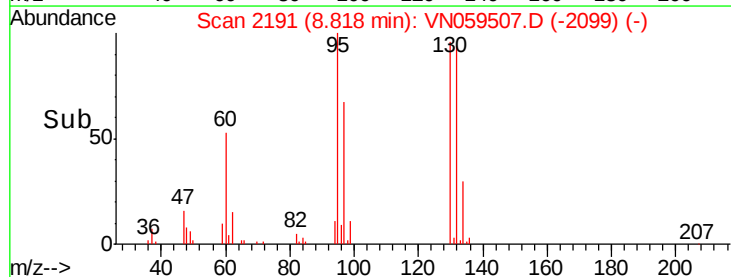
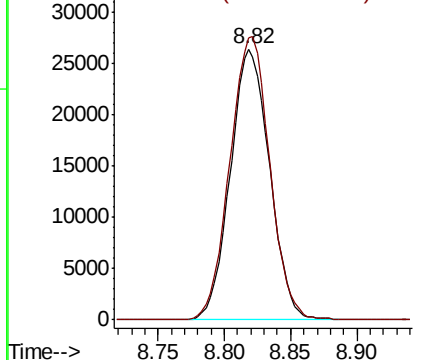
#44

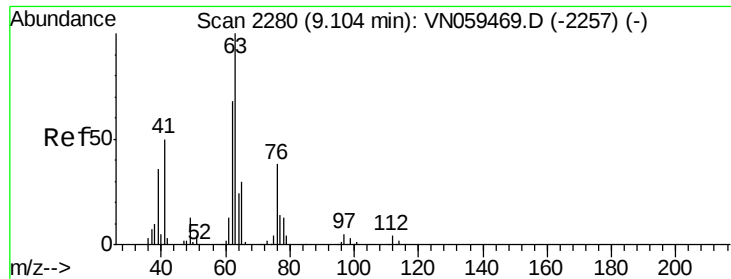
Trichloroethene
 Concen: 18.329 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	203.6



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





#45

1,2-Dichloropropane

Concen: 20.641 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tot Ion: 63 Resp: 62544

Ion Ratio Lower Upper

63 100

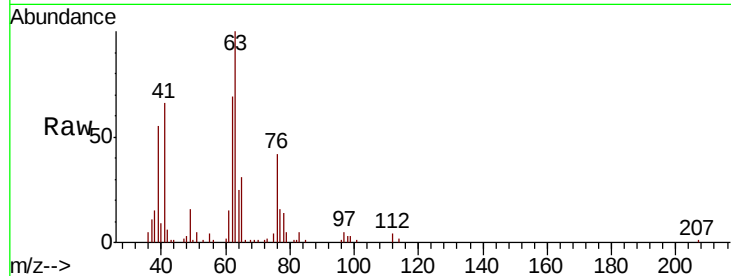
65 30.6 24.4 36.6

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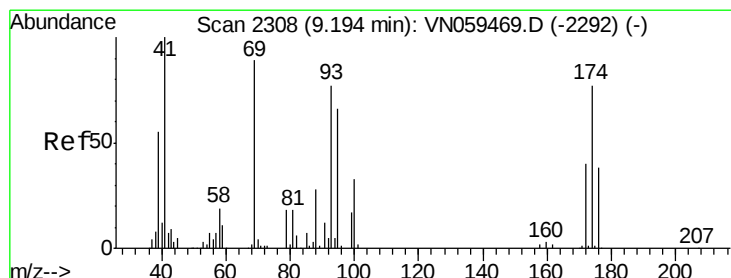
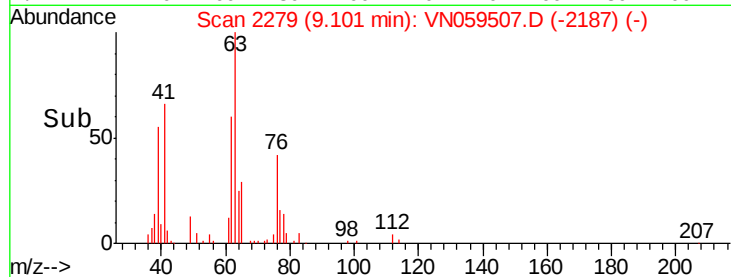
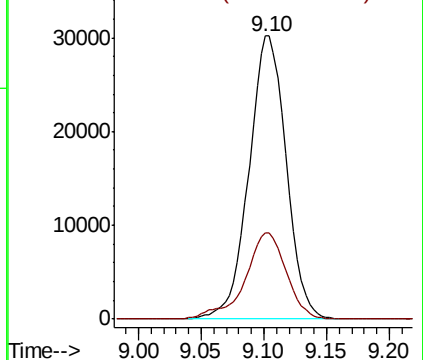
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.880 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

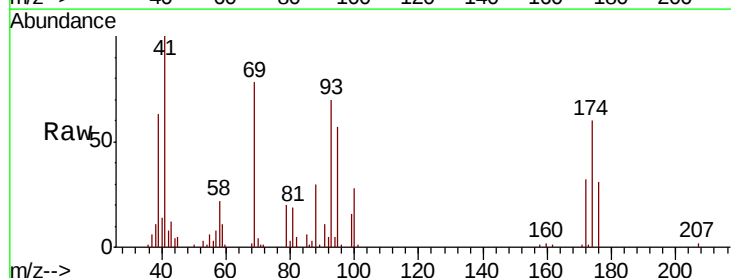
Tgt Ion: 93 Resp: 41277

Ion Ratio Lower Upper

93 100

95 81.4 67.0 100.6

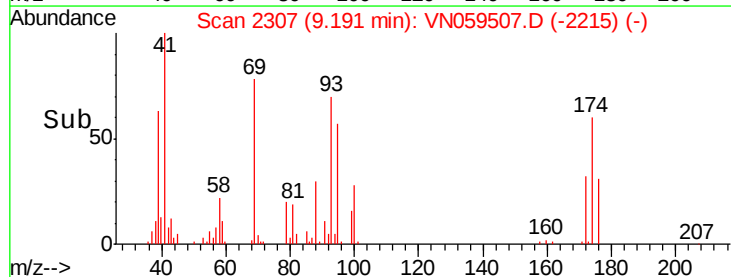
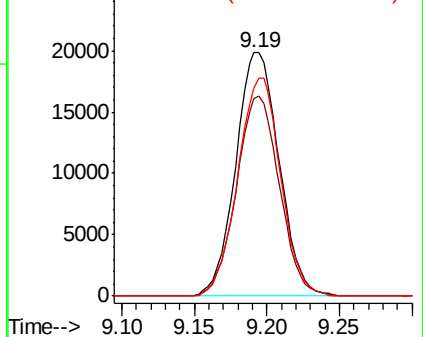
174 88.4 79.6 119.4

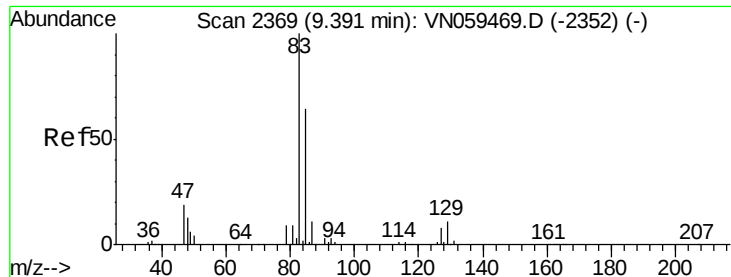


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





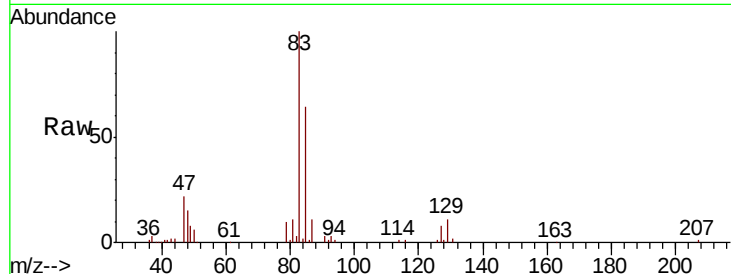
#47
Bromodichloromethane
Concen: 22.354 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	83	Resp	84558
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	51.0	76.6
127	8.2	6.6	9.8

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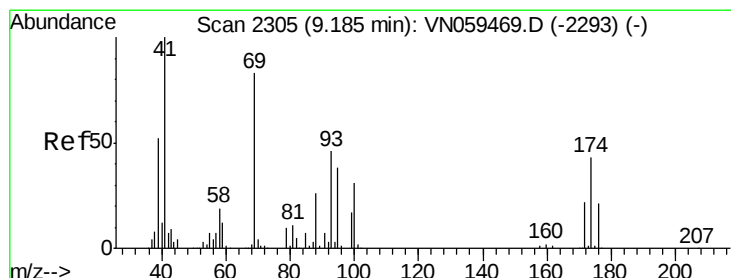
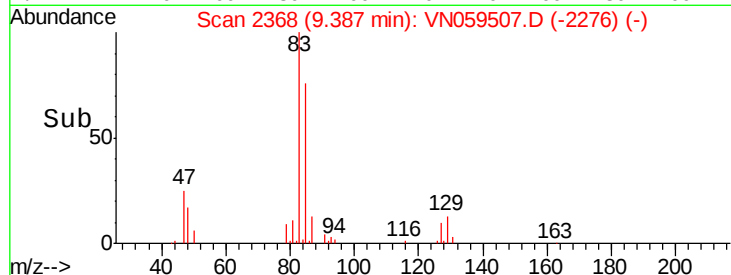
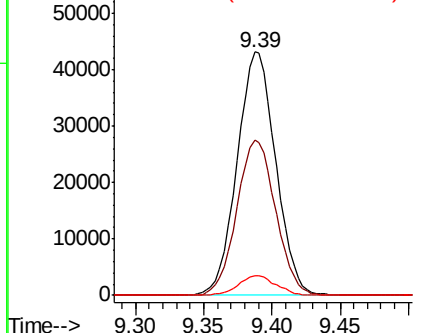


Abundance

Ion 82.90 (82.60 to 83.60): VN059507.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN059507.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN059507.D (-2276) (-)



#48
Methyl methacrylate
Concen: 20.790 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

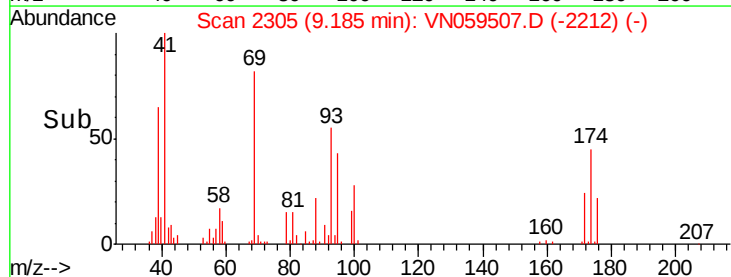
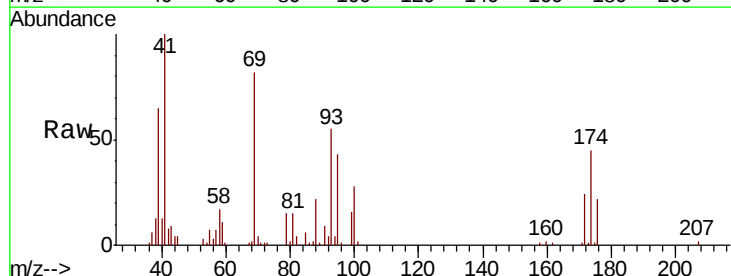
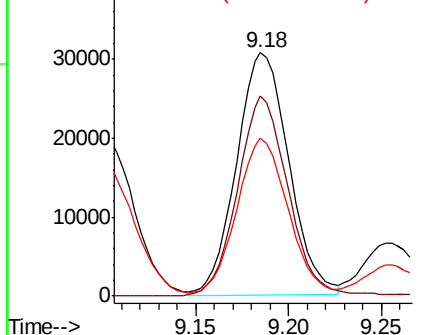
Tgt Ion	41	Resp	60352
Ion Ratio	100	Lower	Upper
41	100		
69	79.6	68.6	103.0
39	63.9	43.2	64.8

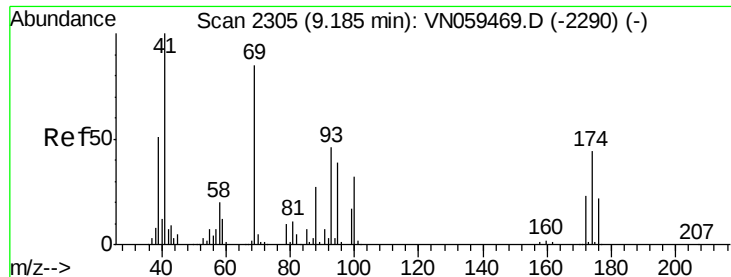
Abundance

Ion 41.00 (40.70 to 41.70): VN059507.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059507.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059507.D (-2212) (-)





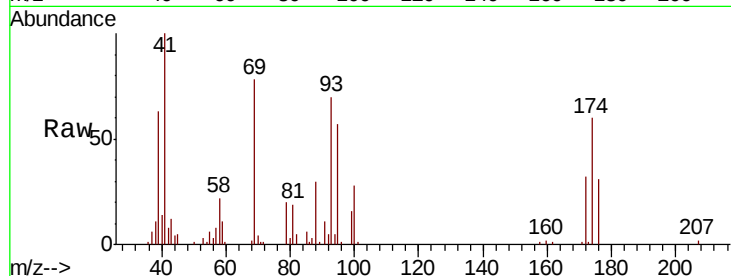
#49
1,4-Dioxane
Concen: 409.203 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.01 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

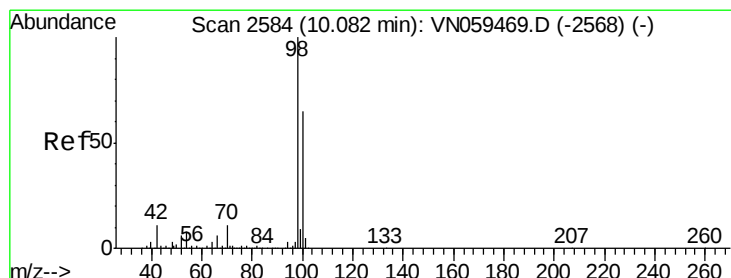
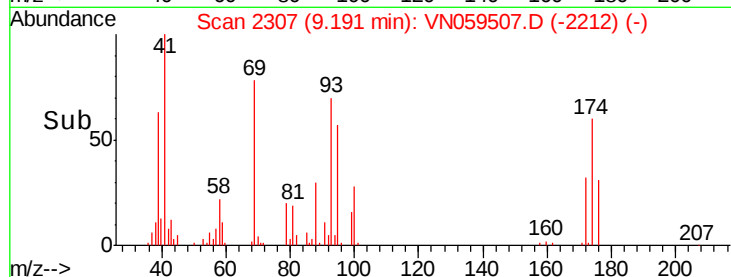
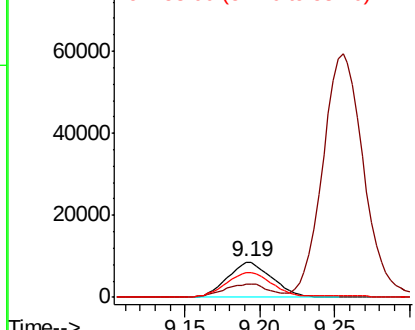
Tot Ion	Ratio	Lower	Upper
88	100		
43	38.4	27.1	40.7
58	72.5	57.8	86.6

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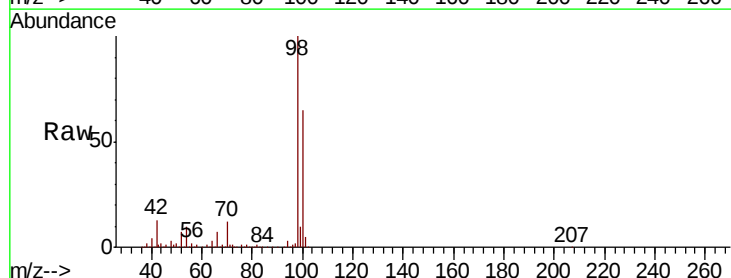


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

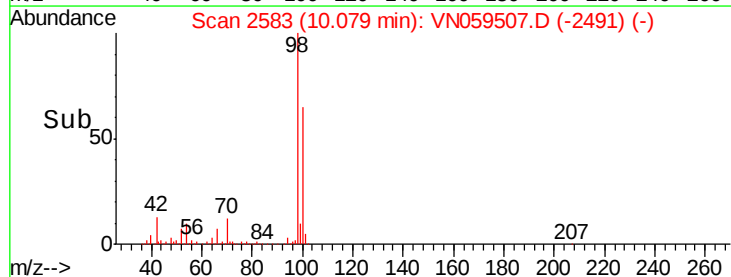
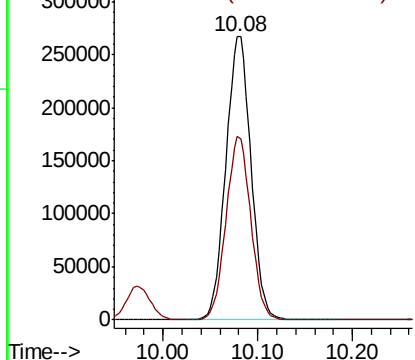


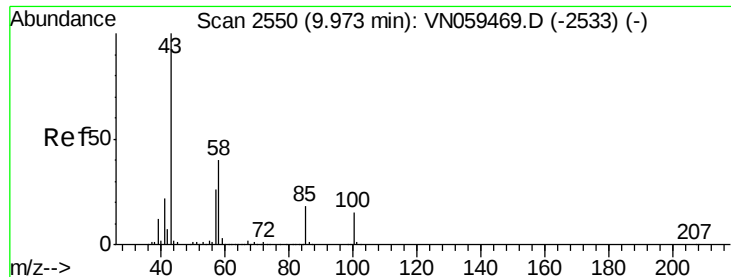
#50
Toluene-d8
Concen: 53.905 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.1	78.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





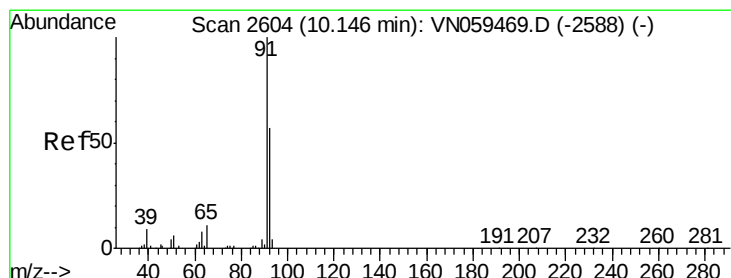
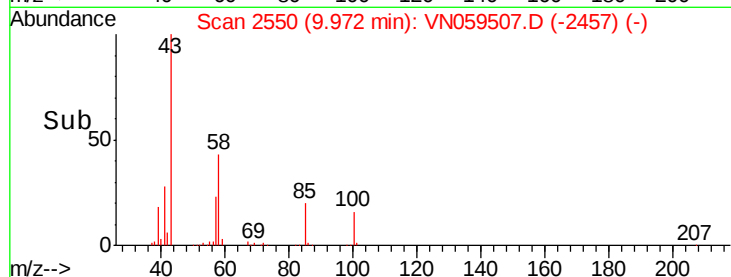
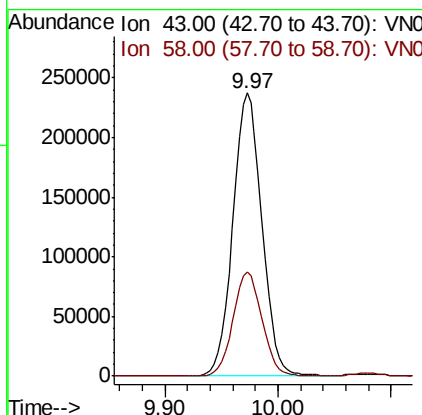
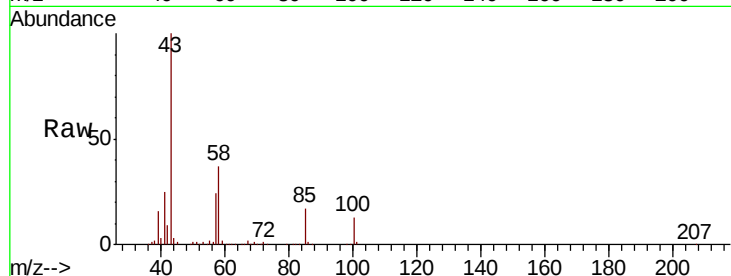
#51
4-Methyl-2-Pentanone
Concen: 110.855 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion: 43 Resp: 423406
Ion Ratio Lower Upper
43 100
58 36.9 32.1 48.1

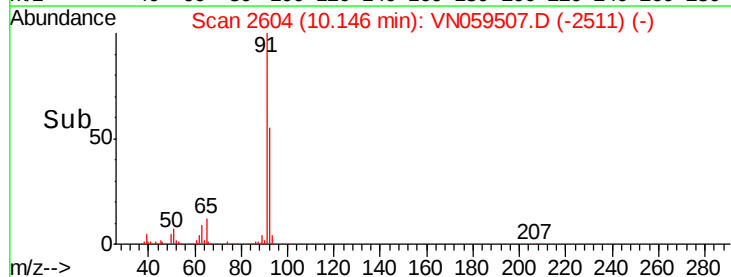
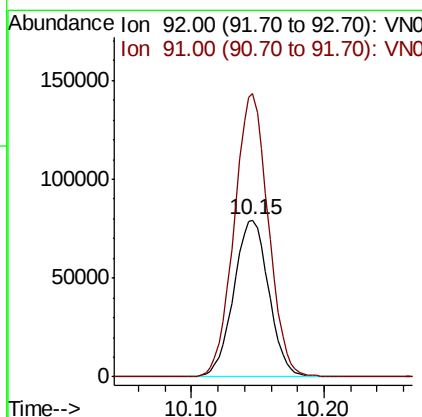
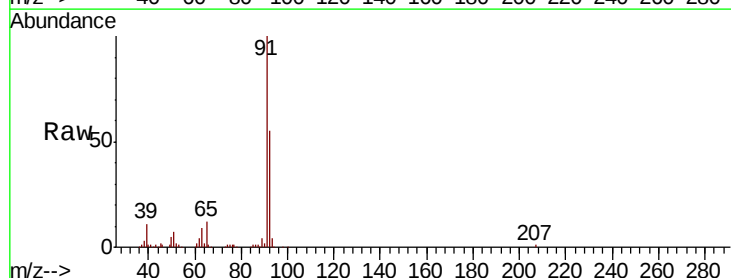
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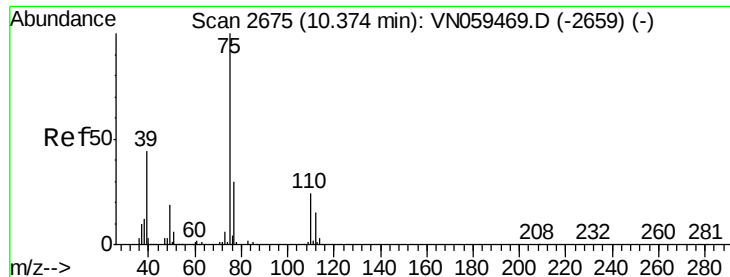
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#52
Toluene
Concen: 21.238 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 92 Resp: 145680
Ion Ratio Lower Upper
92 100
91 176.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.319 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tot Ion: 75 Resp: 94891

Ion Ratio Lower Upper

75 100

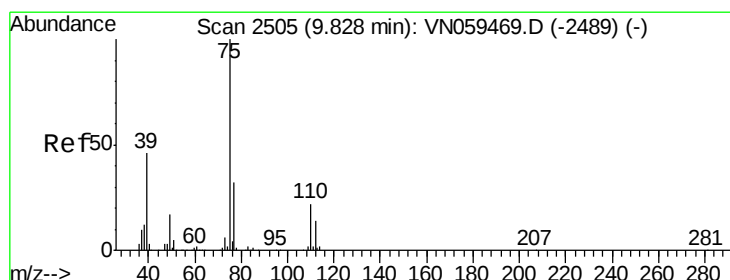
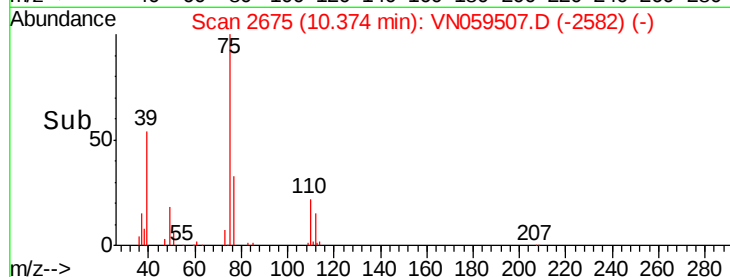
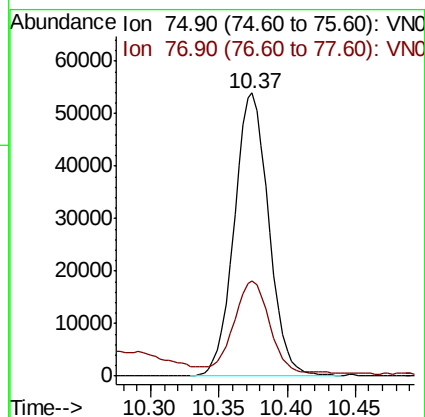
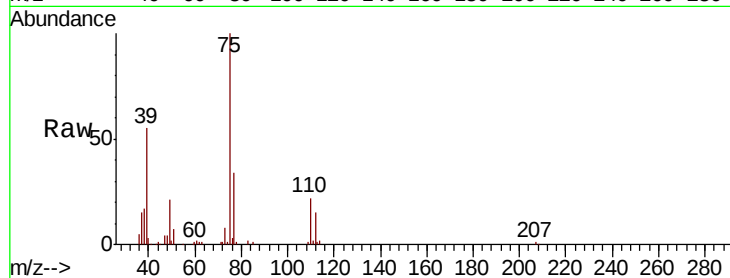
77 32.9 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 21.747 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

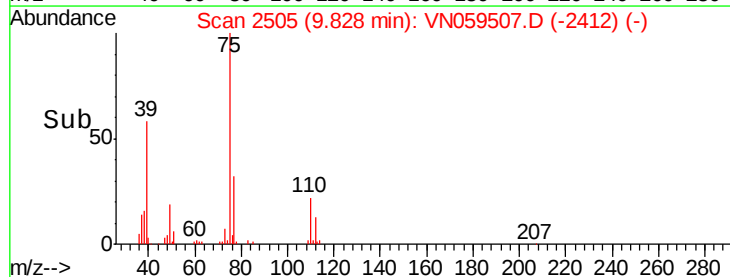
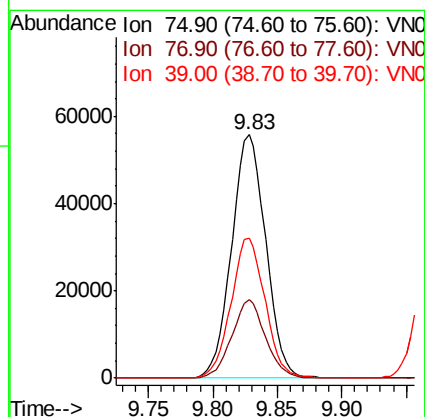
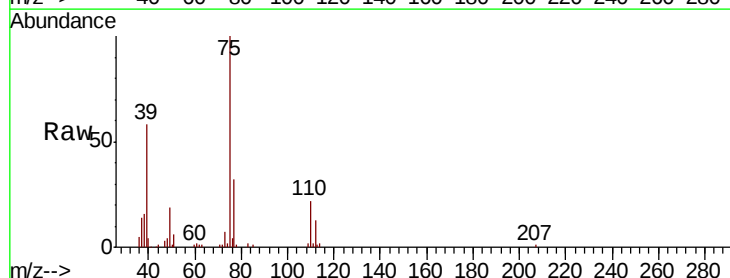
Tgt Ion: 75 Resp: 102600

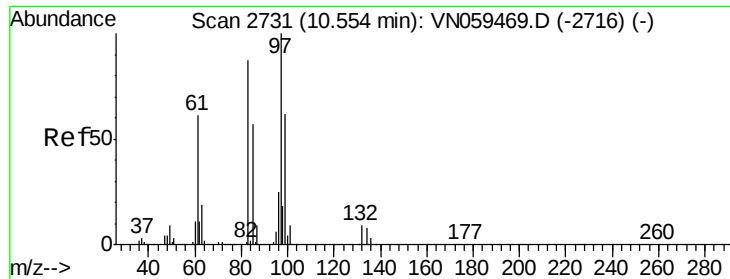
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 57.3 36.6 54.8#





#55

1,1,2-Trichloroethane

Concen: 21.923 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

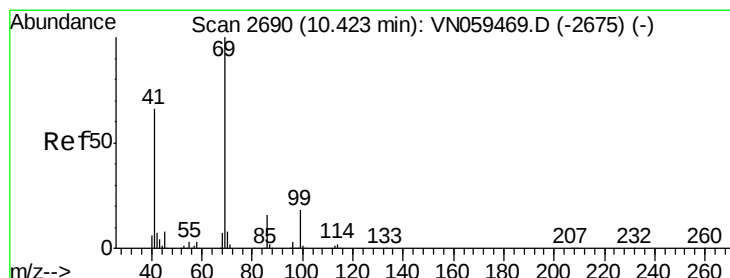
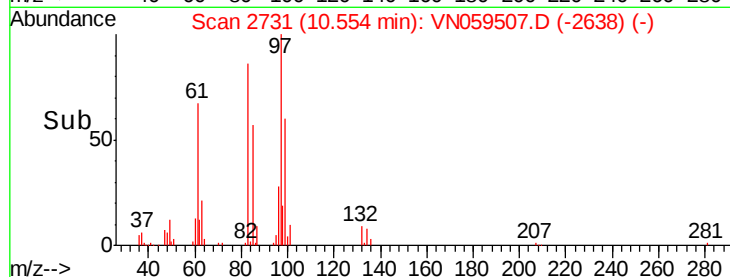
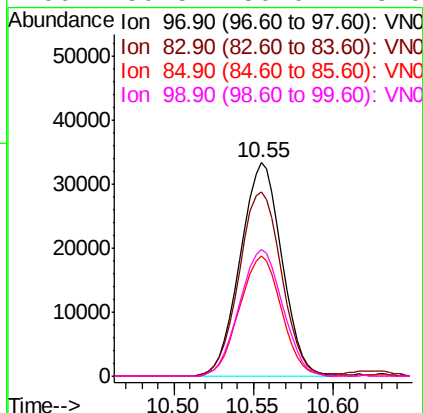
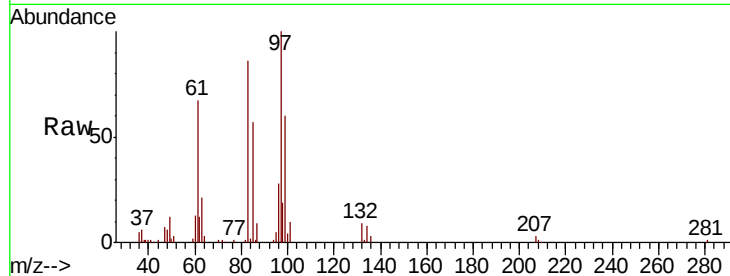
ClientSampleId :

VN1206WBS01

Tot Ion:	97	Resp:	59281
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.8	104.8
85	56.5	45.5	68.3
99	59.5	50.0	75.0

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#56

Ethyl methacrylate

Concen: 18.913 ug/l

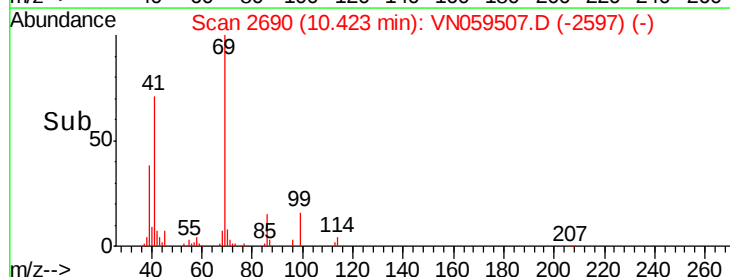
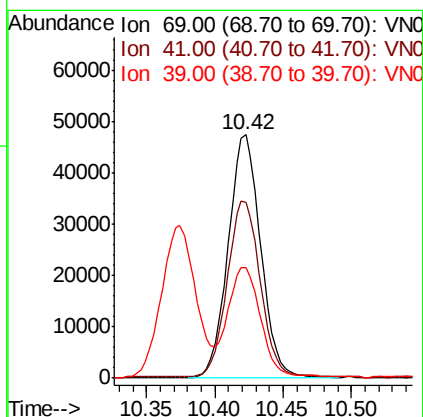
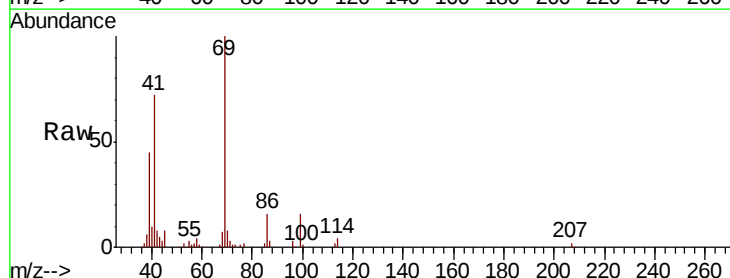
RT: 10.42 min Scan# 2690

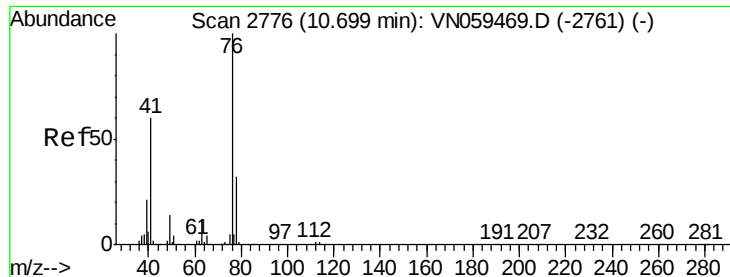
Delta R.T. 0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Tgt Ion:	69	Resp:	78727
Ion	Ratio	Lower	Upper
69	100		
41	73.3	52.7	79.1
39	45.6	25.0	37.6#





#57

1,3-Dichloropropane

Concen: 21.804 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tot Ion: 76 Resp: 101956

Ion Ratio Lower Upper

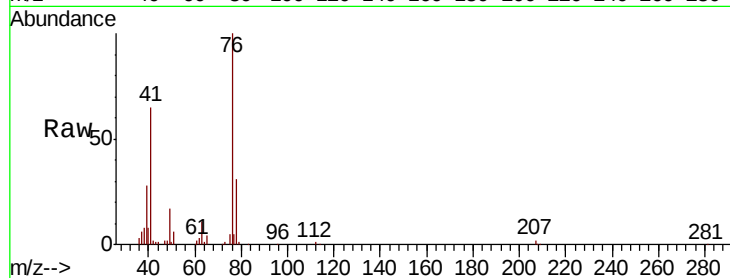
76 100

78 31.8 25.8 38.8

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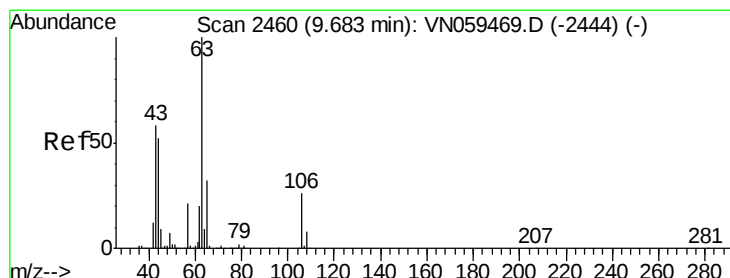
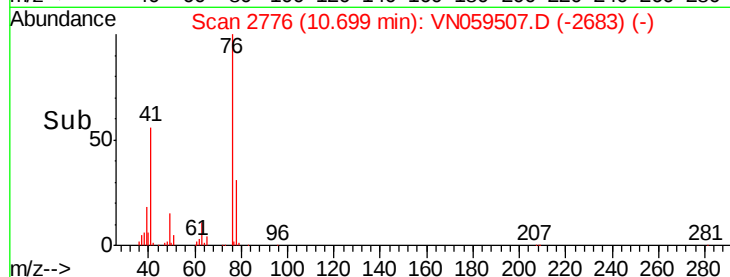
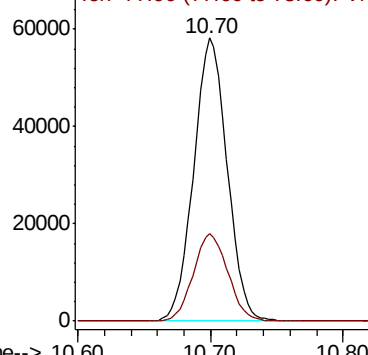
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 97.127 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059507.D

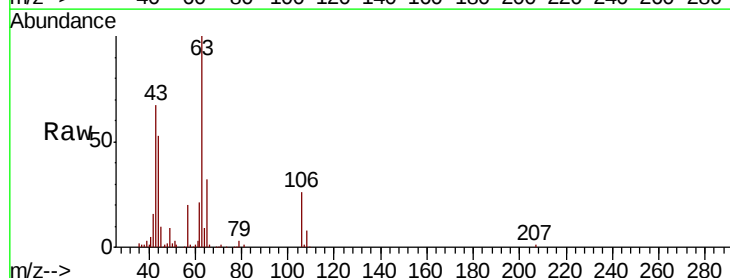
Acq: 6 Dec 2019 11:56

Tgt Ion: 63 Resp: 129611

Ion Ratio Lower Upper

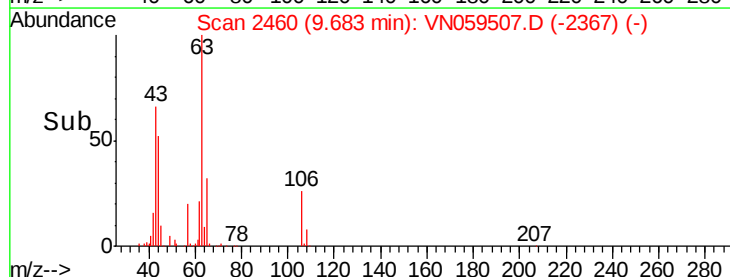
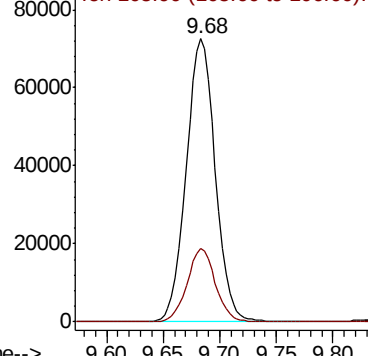
63 100

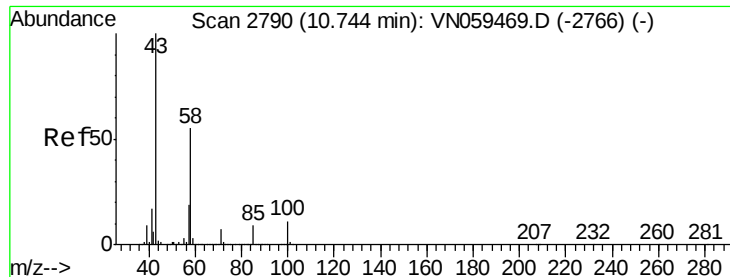
106 25.1 20.4 30.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





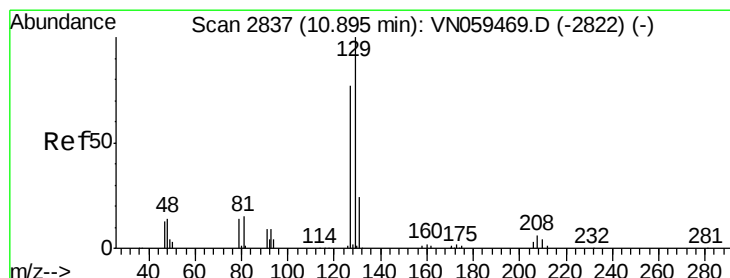
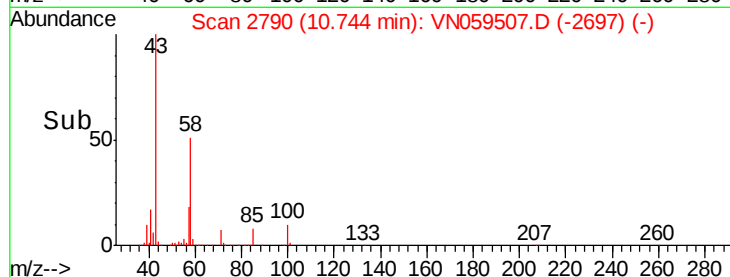
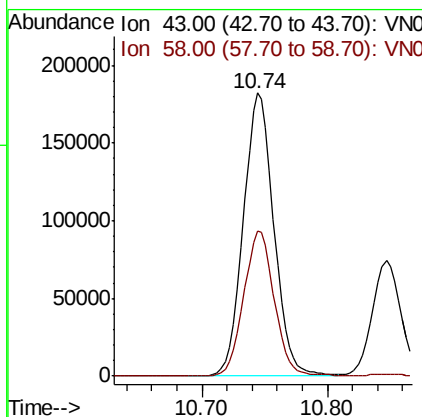
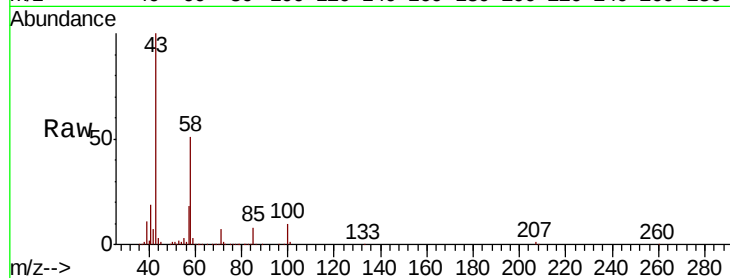
#59
2-Hexanone
Concen: 107.385 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	43	Resp	308669
Ion Ratio	100	Lower	Upper
43	100		
58	51.4	27.7	83.0

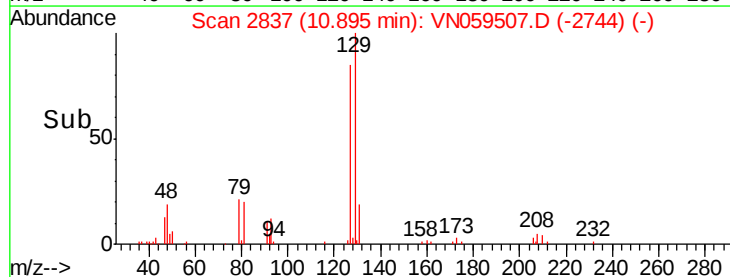
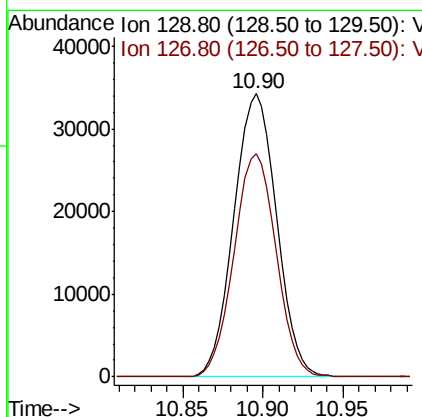
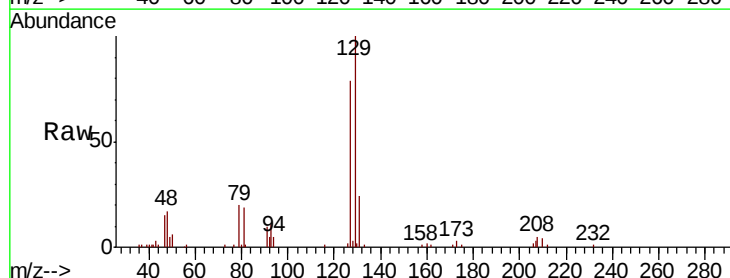
Manual Integrations
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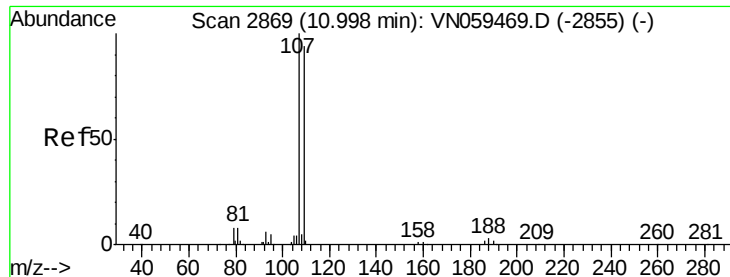
apatel
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#60
Dibromochloromethane
Concen: 21.667 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	129	Resp	62557
Ion Ratio	100	Lower	Upper
129	100		
127	77.7	39.0	116.9





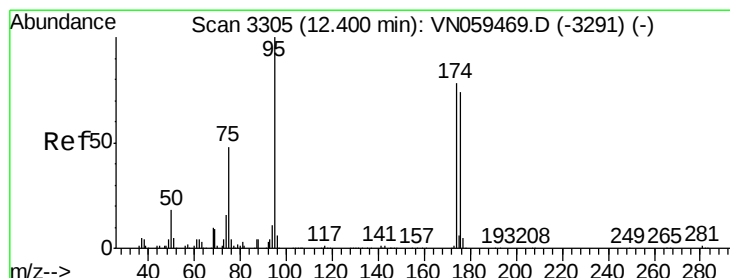
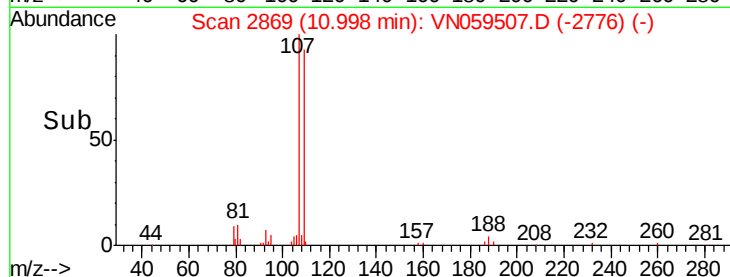
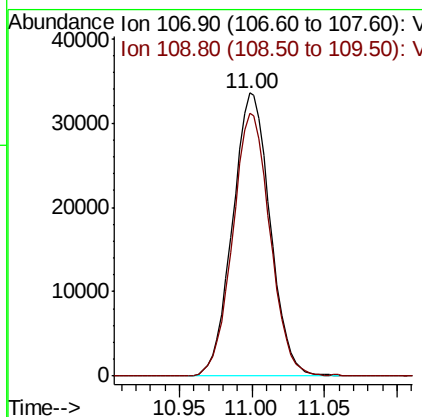
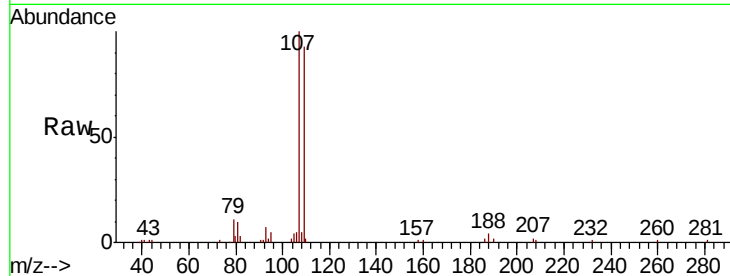
#61
 1,2-Dibromoethane
 Concen: 21.625 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	75.4	113.0

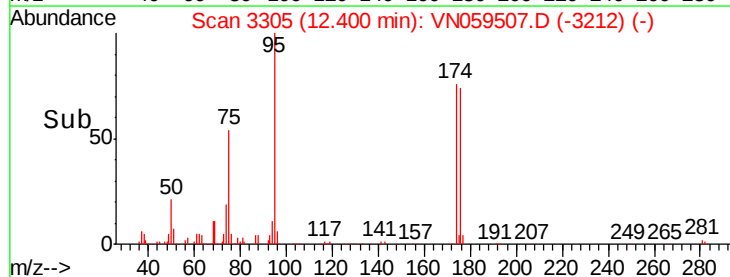
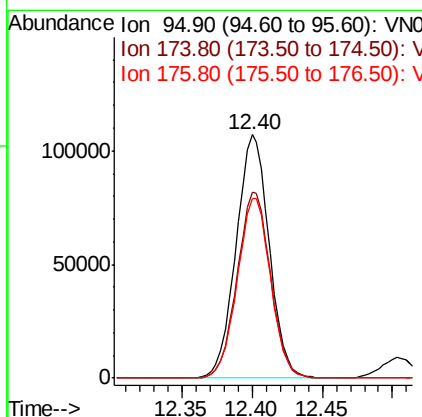
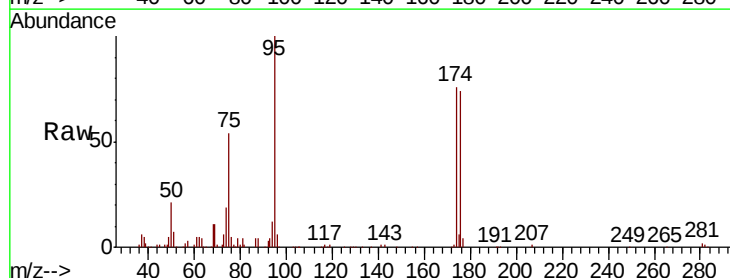
Manual Integrations
 APPROVED

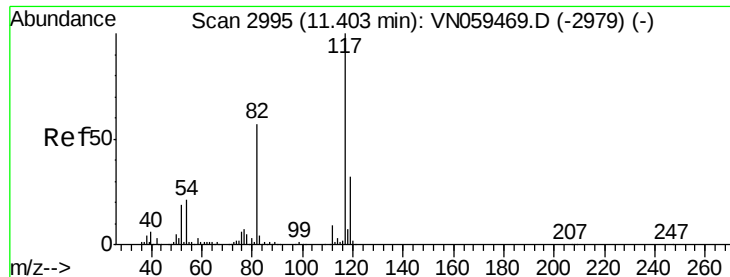
apatel
 12/9/2019 8:47:43 AM



#62
 4-Bromofluorobenzene
 Concen: 55.045 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	157.0
176	74.5	0.0	152.4





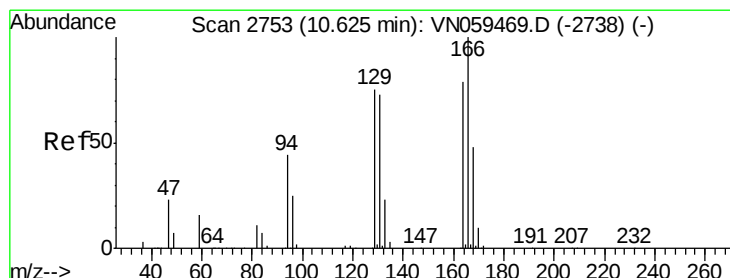
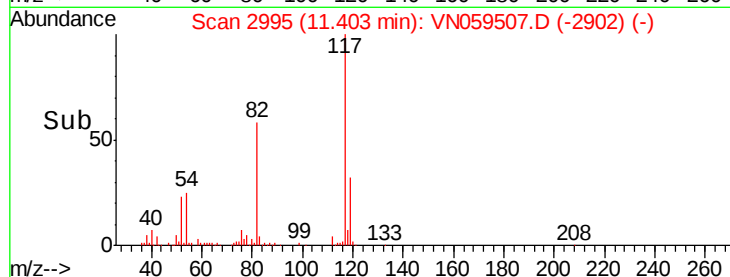
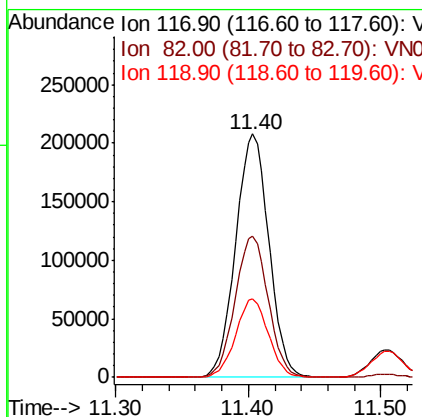
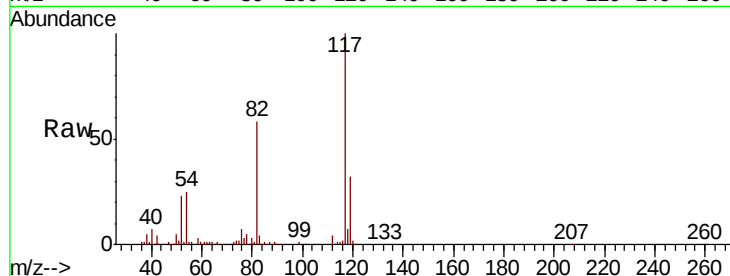
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.8	68.8
119	32.2	25.4	38.0

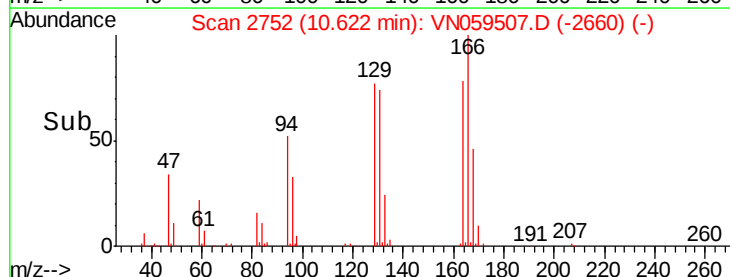
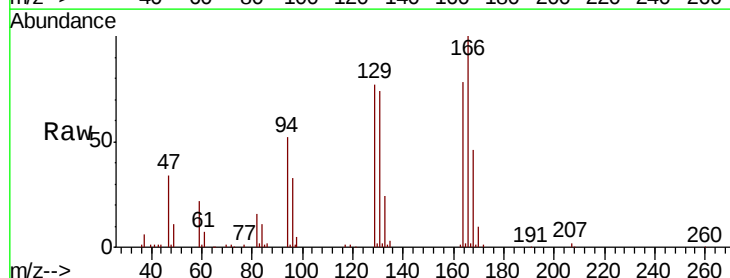
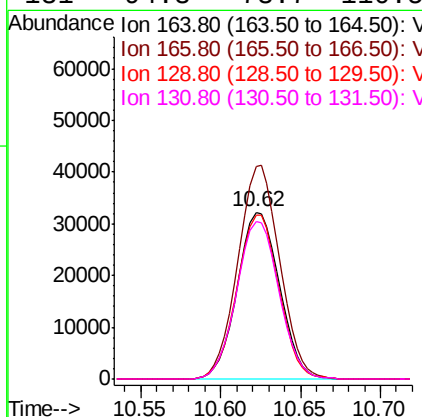
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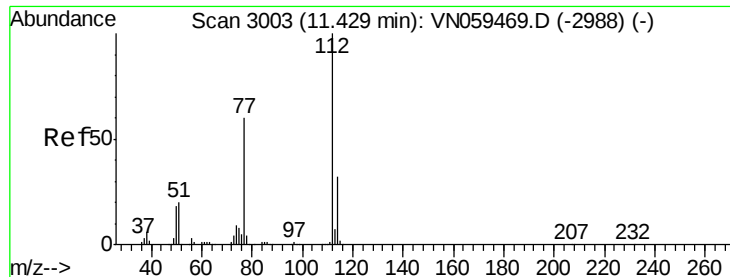
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#64
Tetrachloroethene
Concen: 18.795 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	101.2	151.8
129	98.2	76.1	114.1
131	94.3	73.7	110.5





#65

Chlorobenzene

Concen: 19.600 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tot Ion:112 Resp: 155093

Ion Ratio Lower Upper

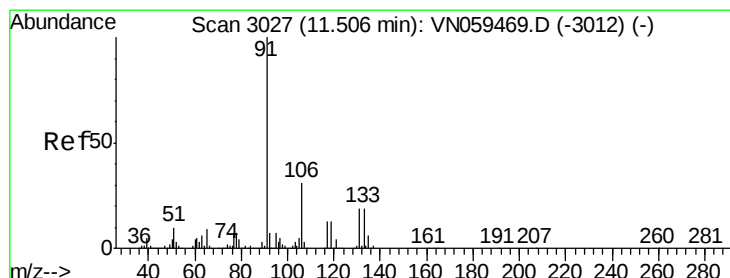
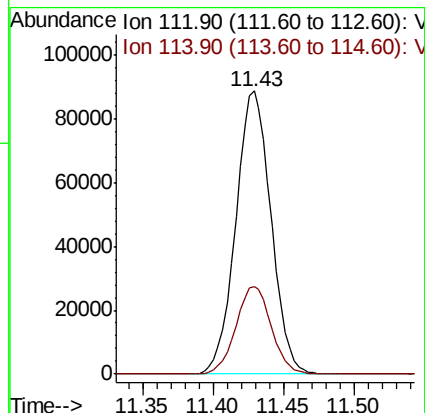
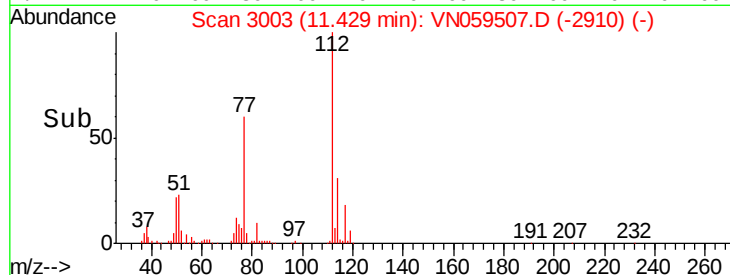
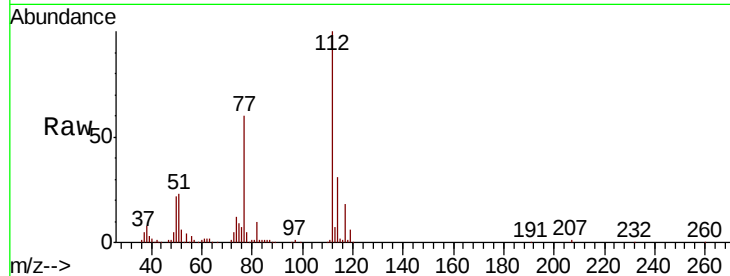
112 100

114 31.1 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 20.998 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

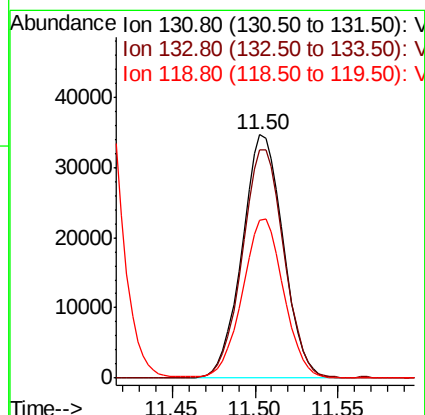
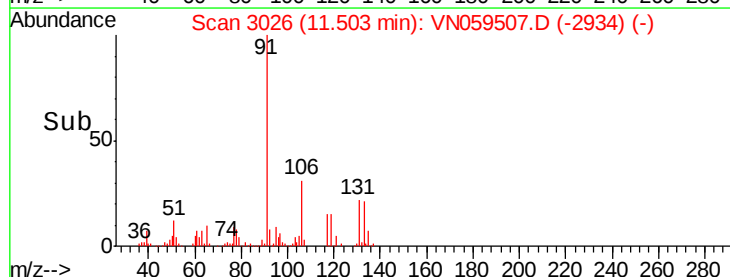
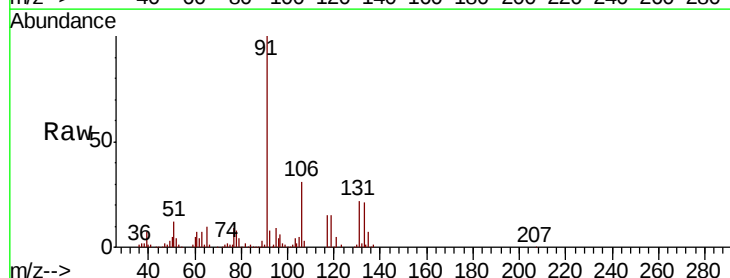
Tgt Ion:131 Resp: 59702

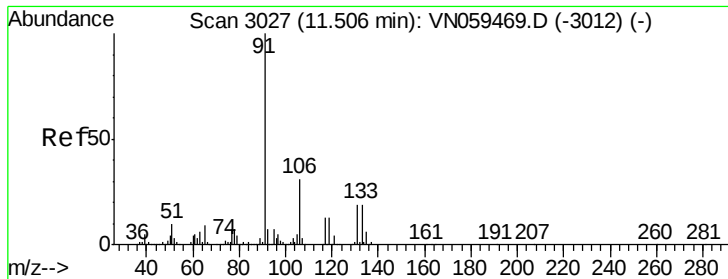
Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.0

119 65.6 33.9 101.6





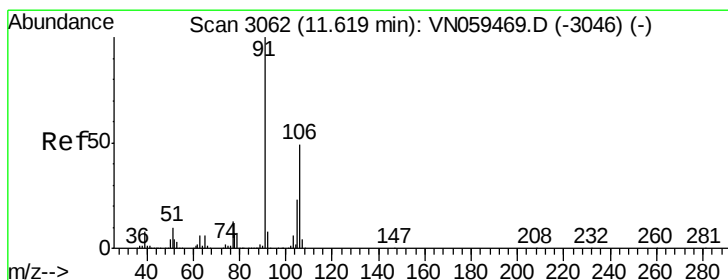
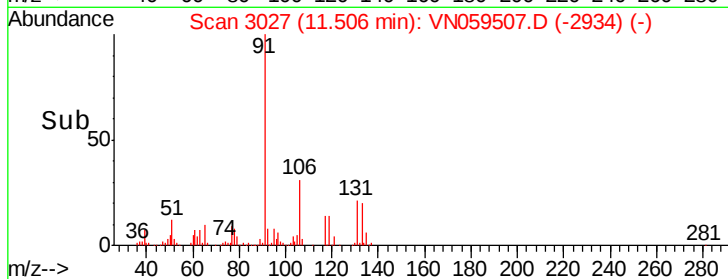
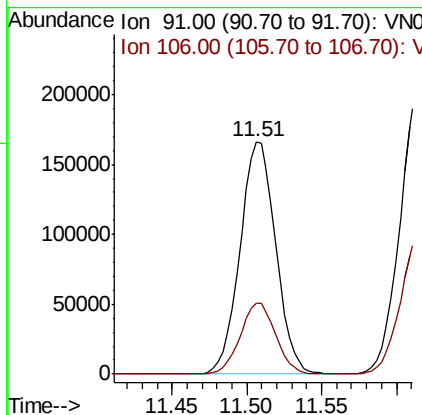
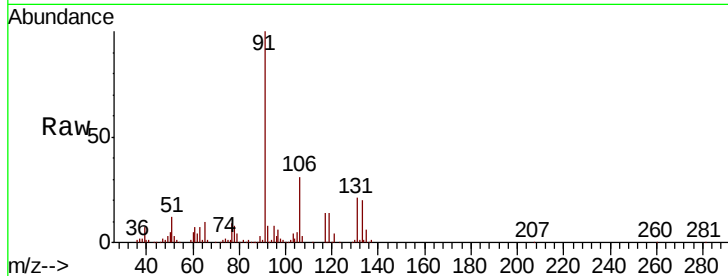
#67
Ethyl Benzene
Concen: 19.938 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion: 91 Resp: 276412
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

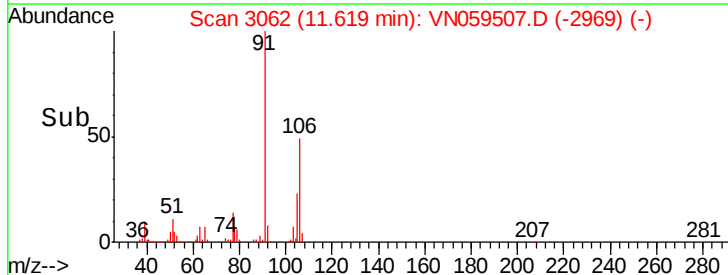
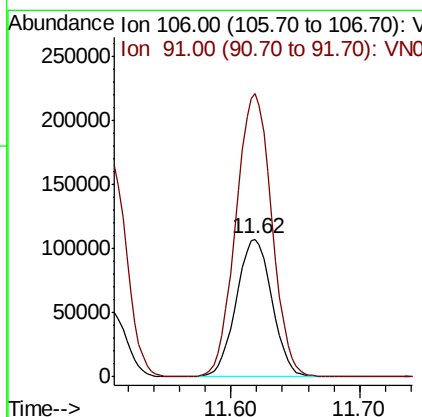
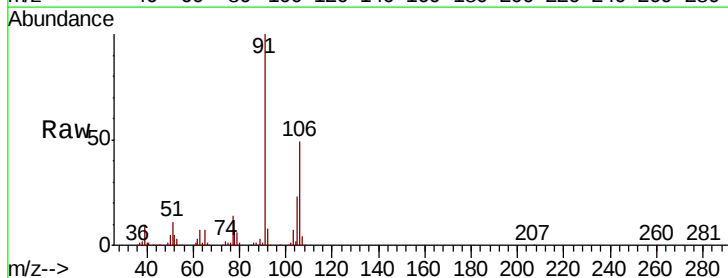
Manual Integrations
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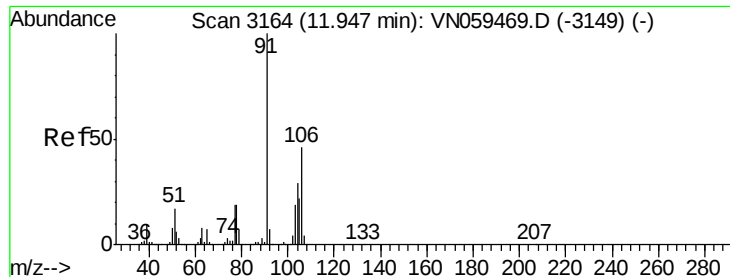
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#68
m/p-Xylenes
Concen: 40.139 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion: 106 Resp: 207209
Ion Ratio Lower Upper
106 100
91 206.0 162.2 243.4





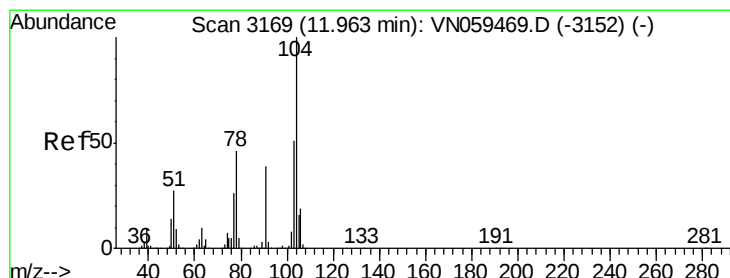
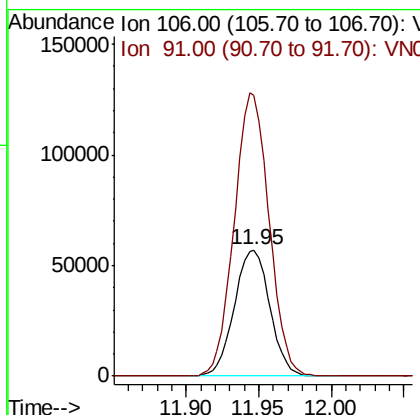
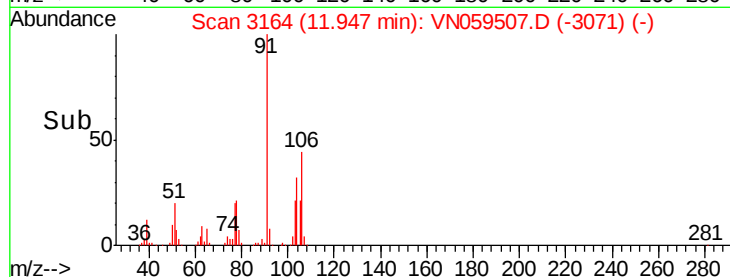
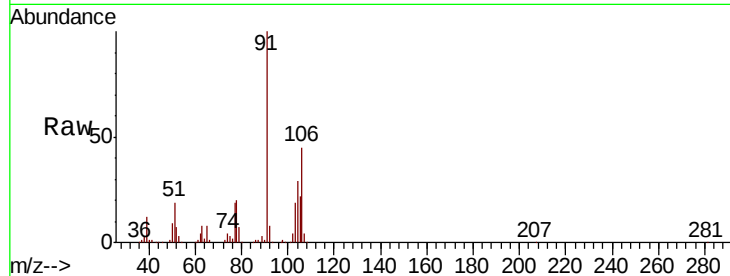
#69
o-Xylene
Concen: 19.790 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampled :
VN1206WBS01

Tot Ion:106 Resp: 97259
Ion Ratio Lower Upper
106 100
91 220.0 108.5 325.3

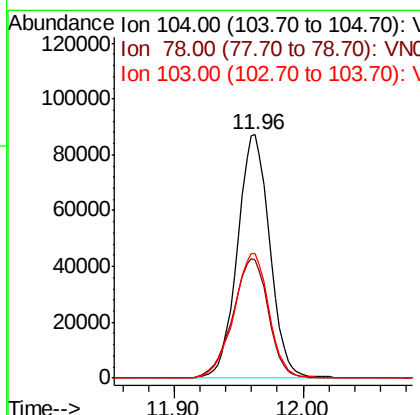
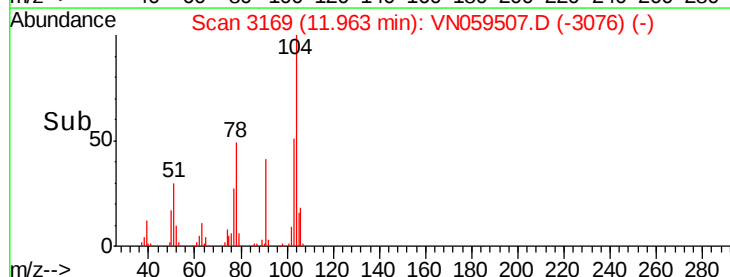
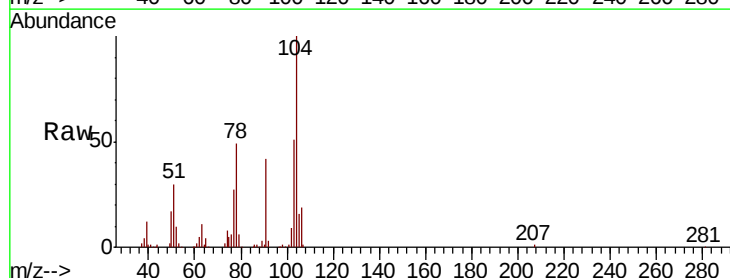
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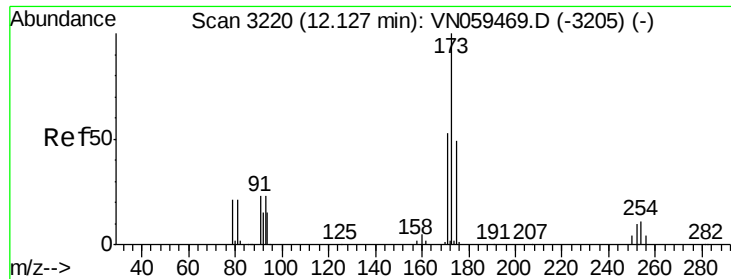
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#70
Styrene
Concen: 19.412 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion:104 Resp: 152296
Ion Ratio Lower Upper
104 100
78 54.0 41.0 61.4
103 55.4 44.7 67.1





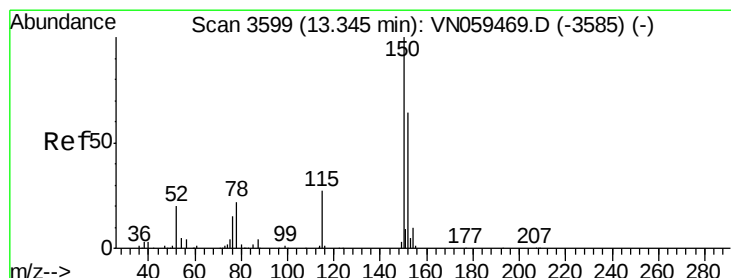
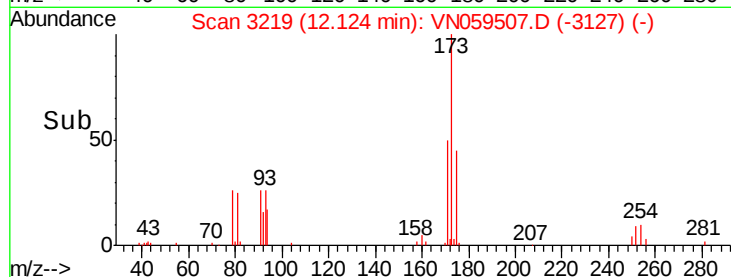
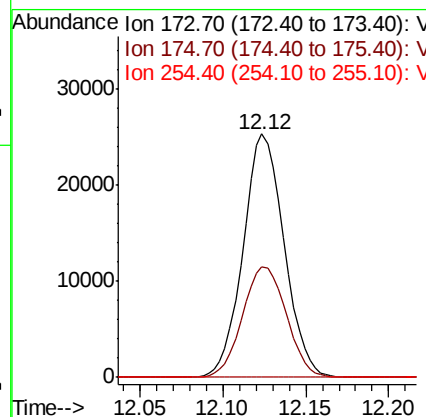
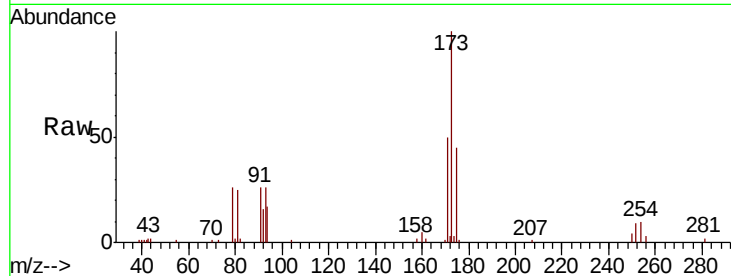
#71
Bromoform
Concen: 19.599 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	73.0
254	0.0	0.0	0.0

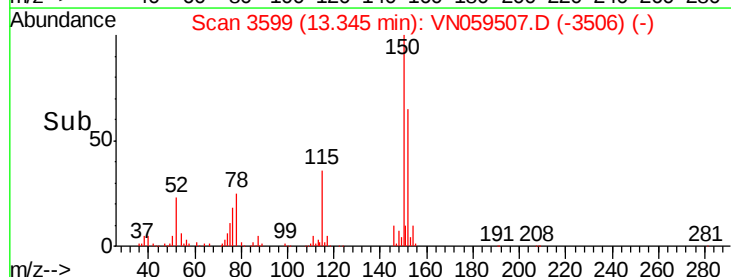
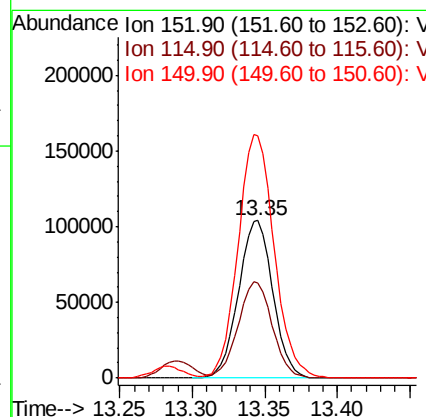
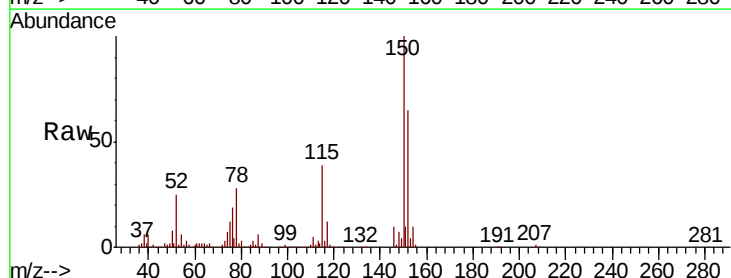
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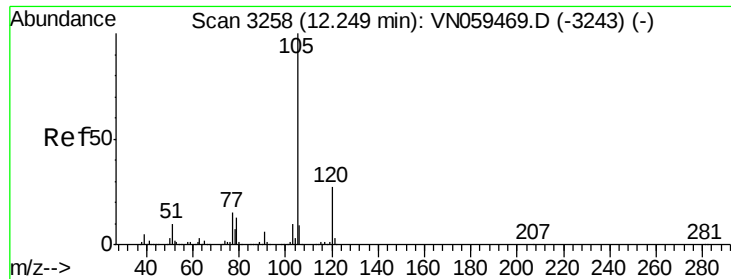
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	29.2	87.6
150	161.8	0.0	352.8





#73

Isopropylbenzene

Concen: 19.215 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tot Ion: 105 Resp: 263411

Ion Ratio Lower Upper

105 100

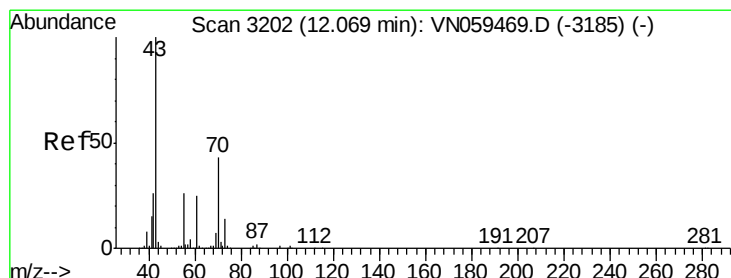
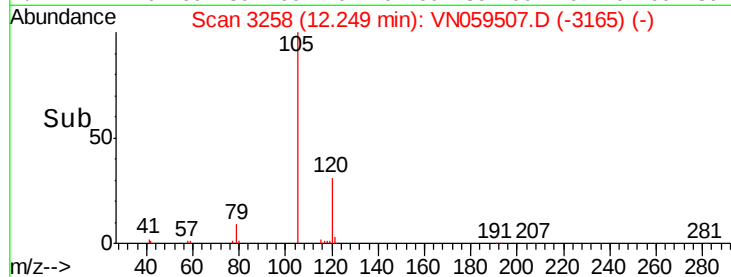
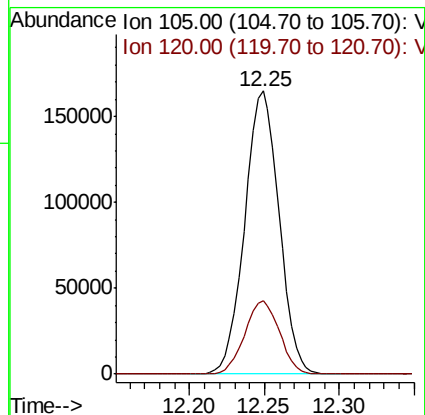
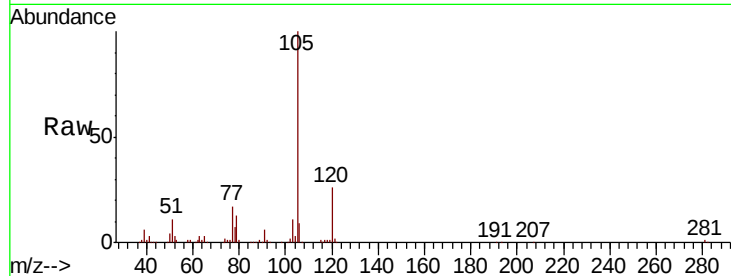
120 26.2 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.899 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Tgt Ion: 43 Resp: 104351

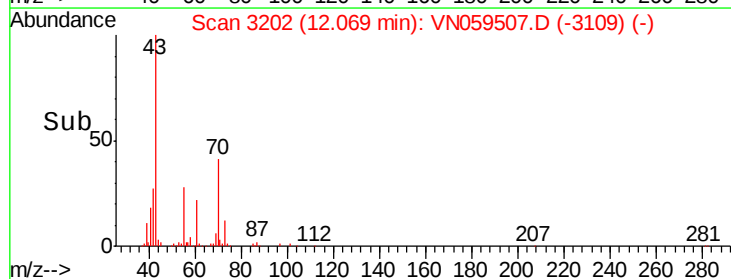
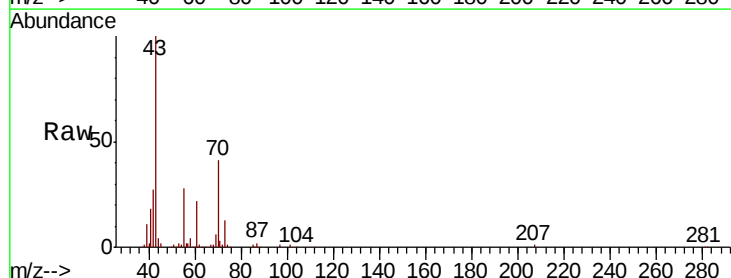
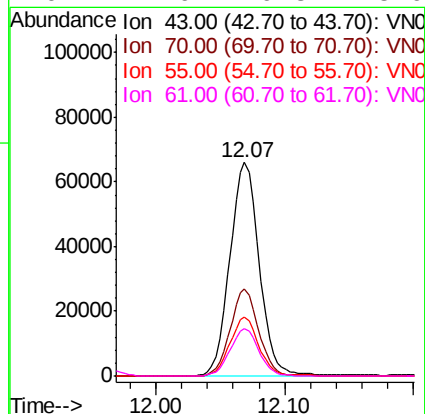
Ion Ratio Lower Upper

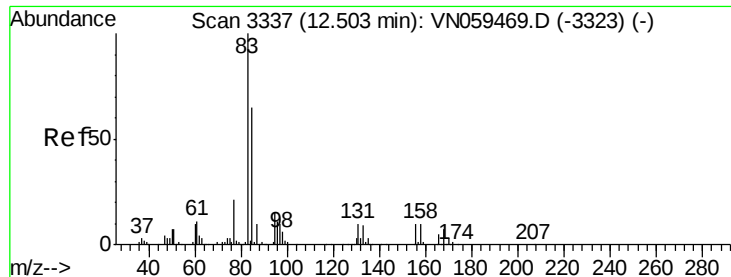
43 100

70 39.4 34.2 51.2

55 27.0 20.6 31.0

61 21.6 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.127 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

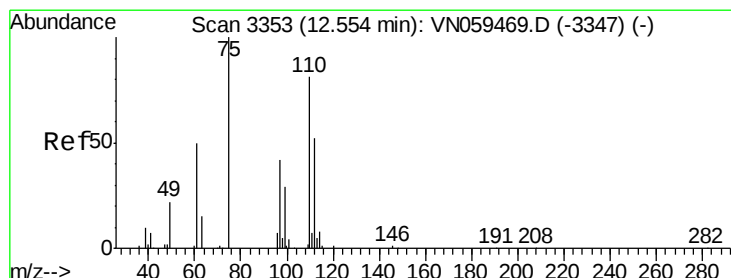
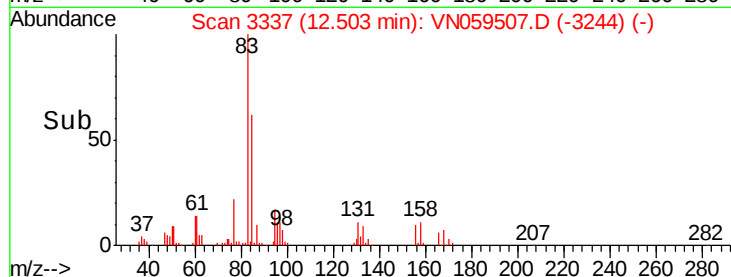
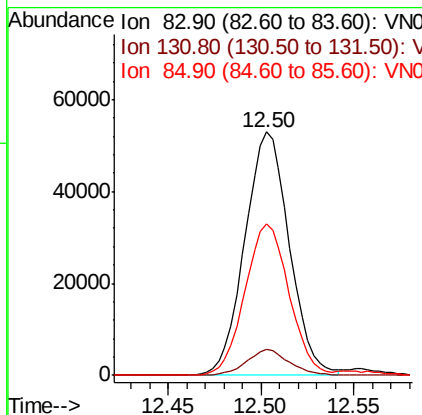
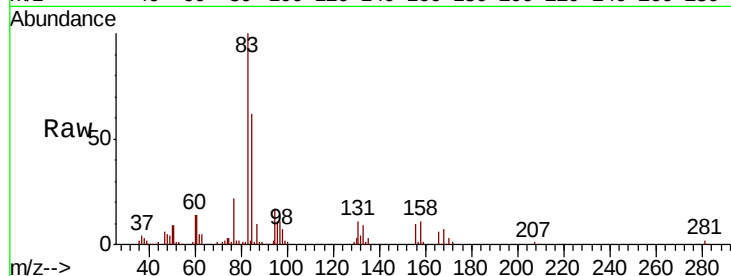
ClientSampleId :

VN1206WBS01

Tot Ion:	83	Resp:	88505
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.7
85	61.8	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 18.604 ug/l m

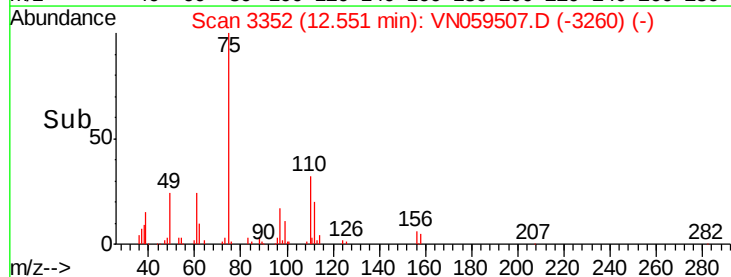
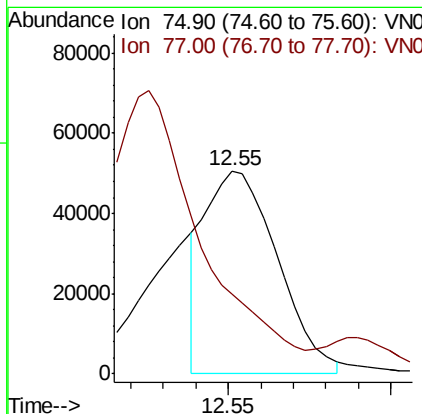
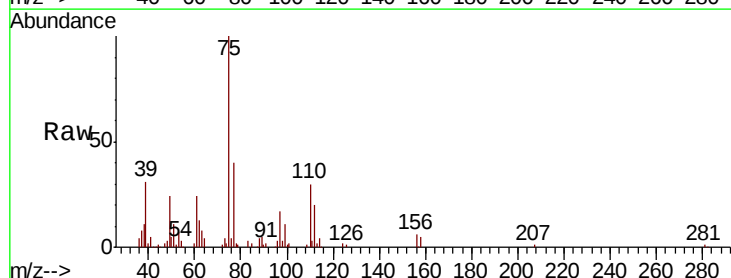
RT: 12.55 min Scan# 3352

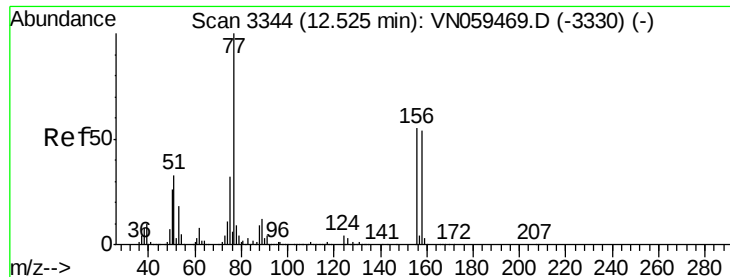
Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Tgt Ion:	75	Resp:	79068
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.659 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

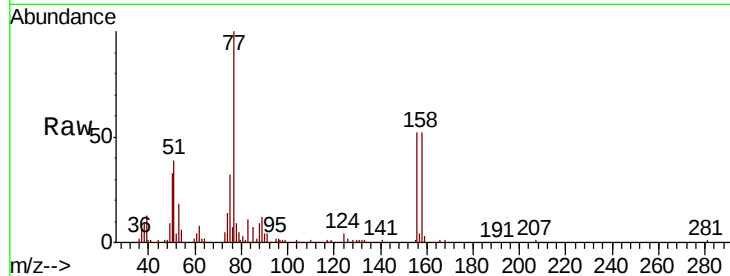
ClientSampleId :

VN1206WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	229.7	110.3	331.0	
158	98.5	48.5	145.5	

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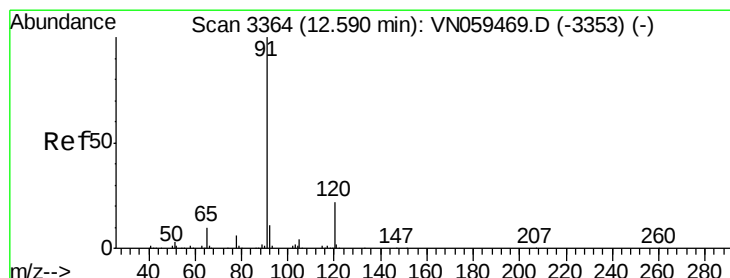
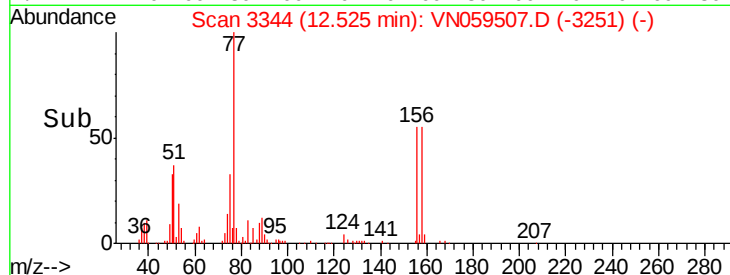
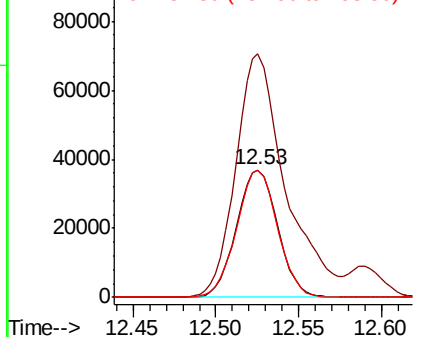
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.110 ug/l

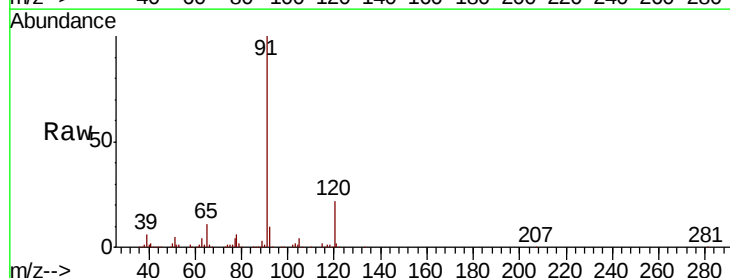
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059507.D

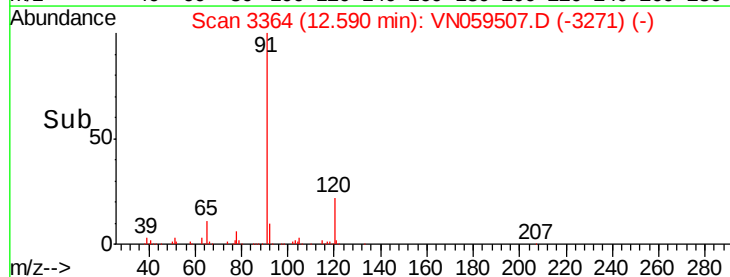
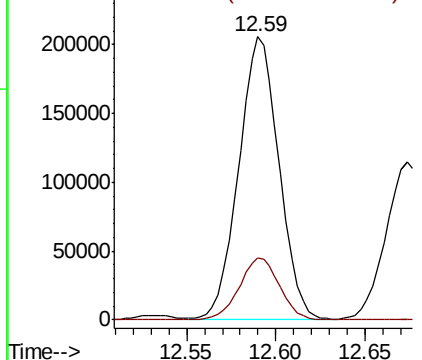
Acq: 6 Dec 2019 11:56

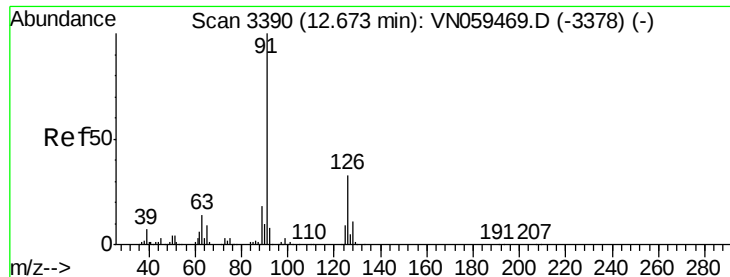
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.0	11.3	33.9	



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.601 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tot Ion: 91 Resp: 188500

Ion Ratio Lower Upper

91 100

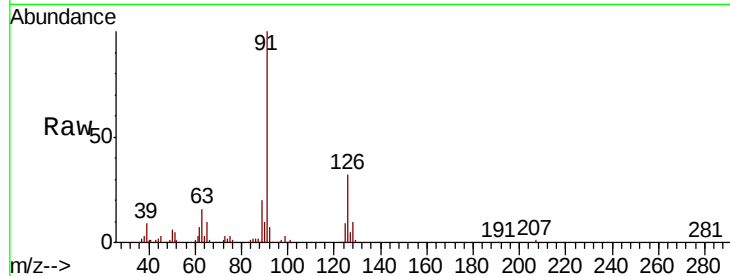
126 33.0 16.6 49.8

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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) (-)

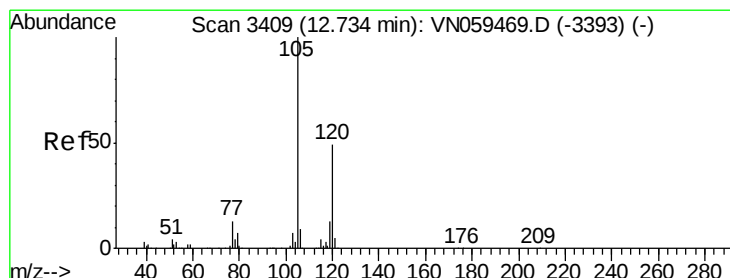
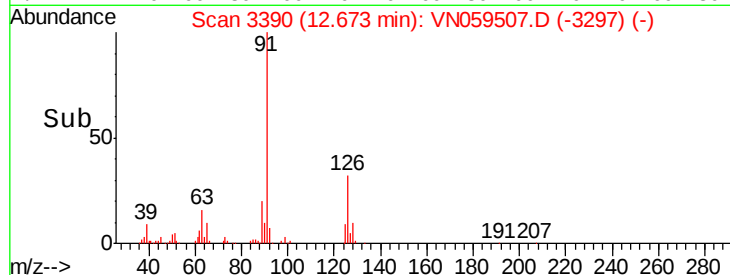
150000

100000

50000

0

12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 19.858 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059507.D

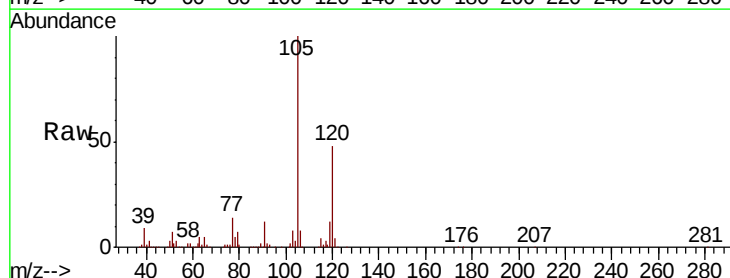
Acq: 6 Dec 2019 11:56

Tgt Ion: 105 Resp: 227498

Ion Ratio Lower Upper

105 100

120 47.5 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) (-)

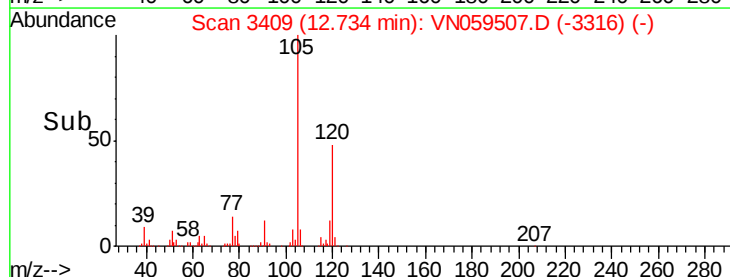
150000

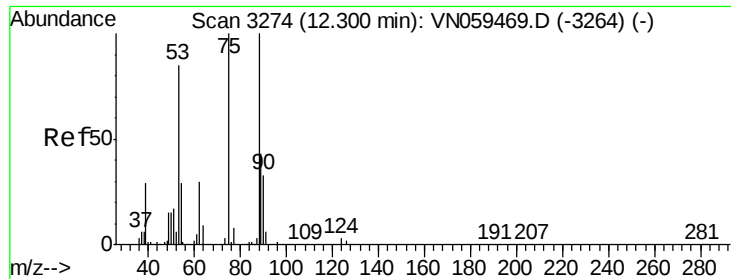
100000

50000

0

12.70 12.75 12.80





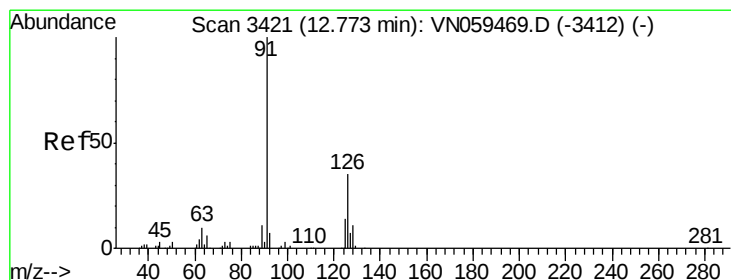
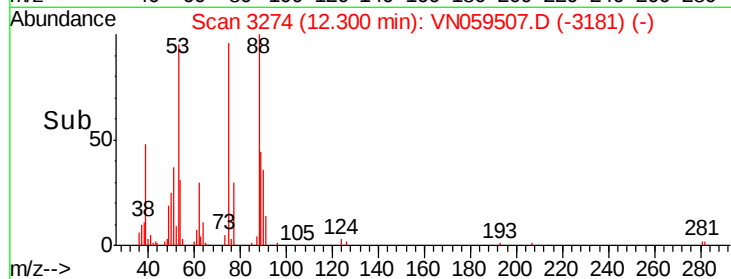
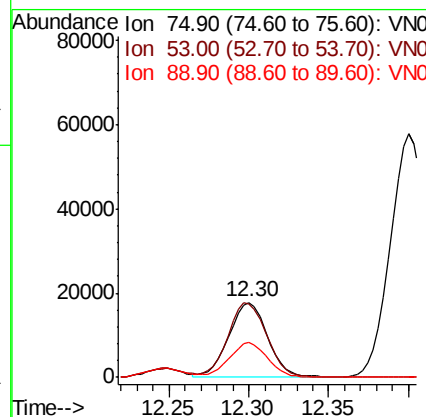
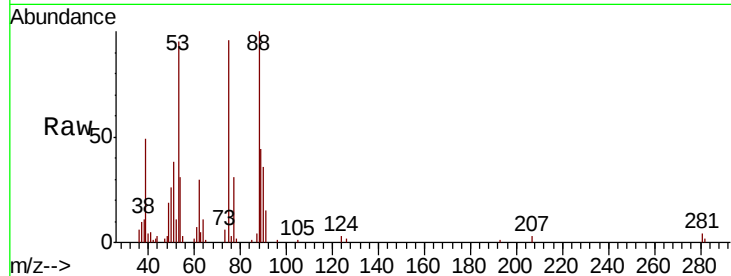
#81
trans-1,4-Dichloro-2-butene
Concen: 18.241 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	69.8	104.6
89	45.4	35.2	52.8

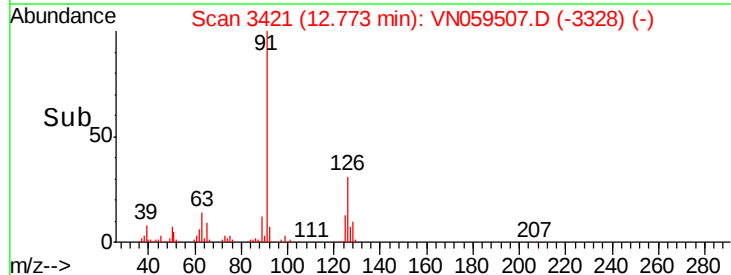
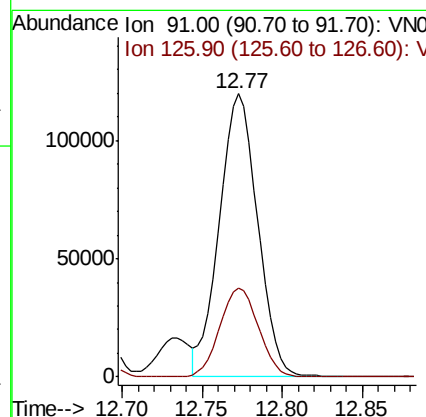
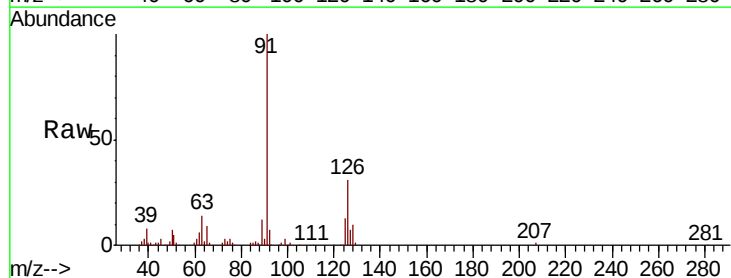
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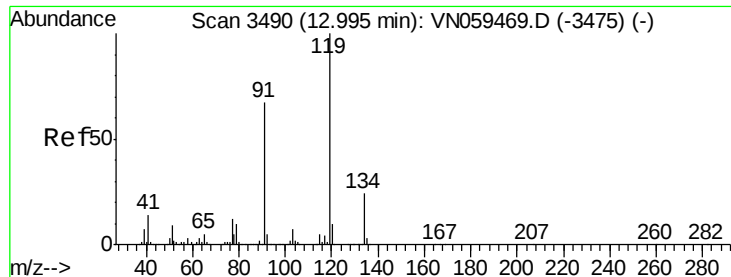
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#82
4-Chlorotoluene
Concen: 19.799 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.4	49.2





#83

tert-Butylbenzene

Concen: 19.169 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

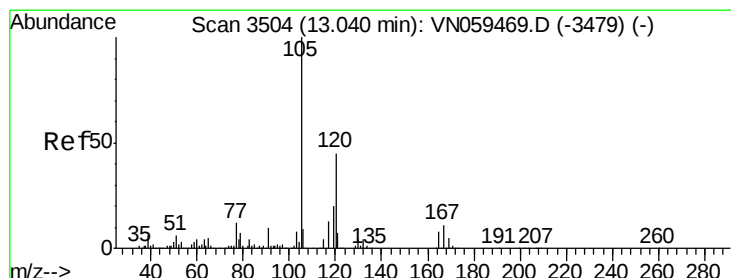
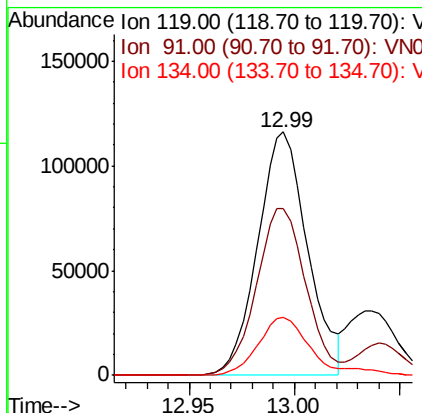
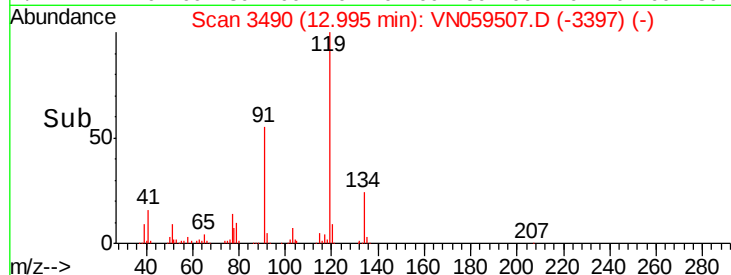
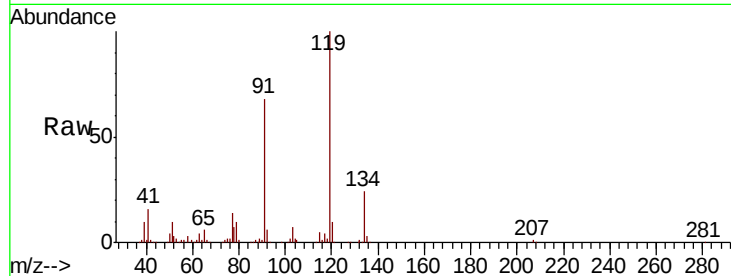
ClientSampleId :

VN1206WBS01

Tot Ion:	119	Resp:	190650
Ion Ratio	Lower	Upper	
119	100		
91	68.7	32.6	97.7
134	23.9	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 20.095 ug/l

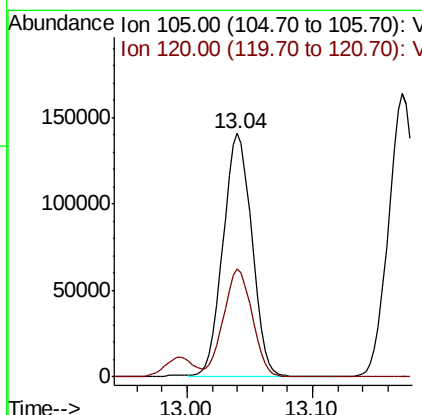
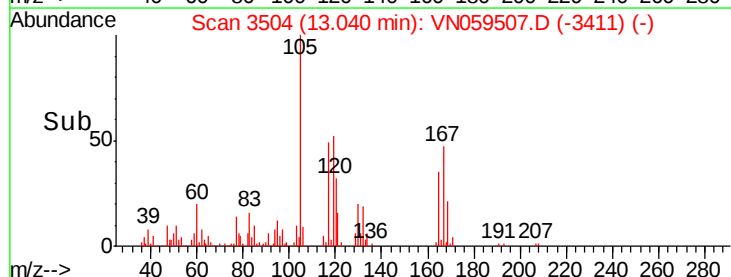
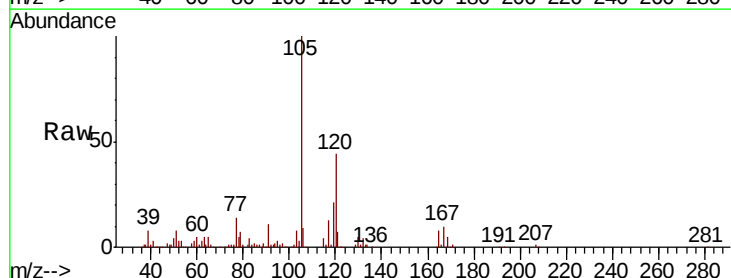
RT: 13.04 min Scan# 3504

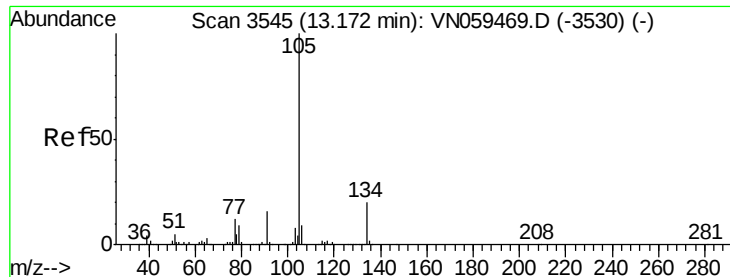
Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Tgt Ion:	105	Resp:	224976
Ion Ratio	Lower	Upper	
105	100		
120	44.3	22.6	67.8





#85

sec-Butylbenzene

Concen: 19.840 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

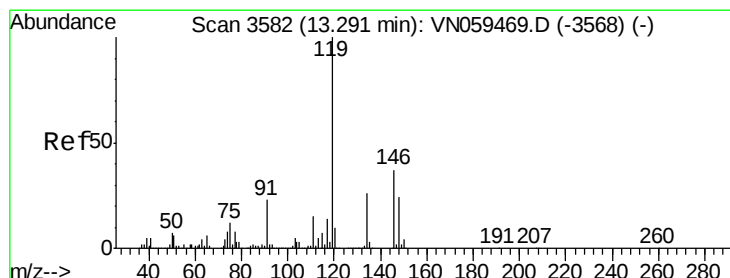
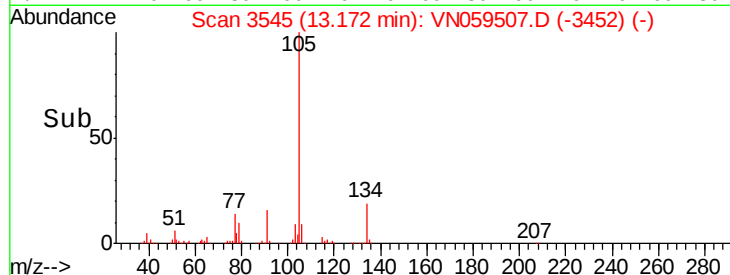
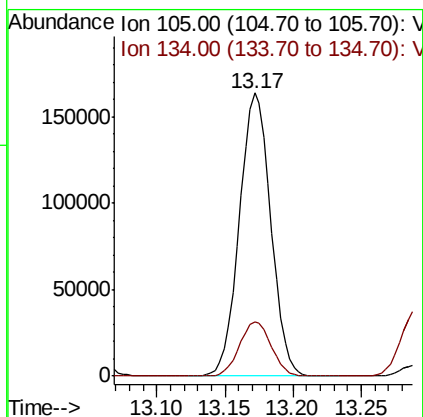
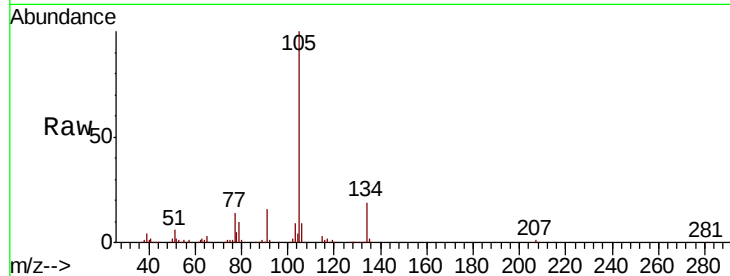
ClientSampleId :

VN1206WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

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#86

p-Isopropyltoluene

Concen: 19.557 ug/l

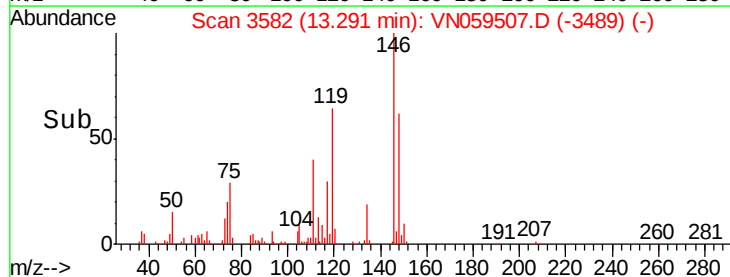
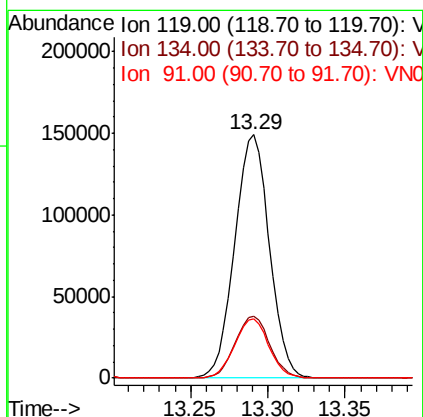
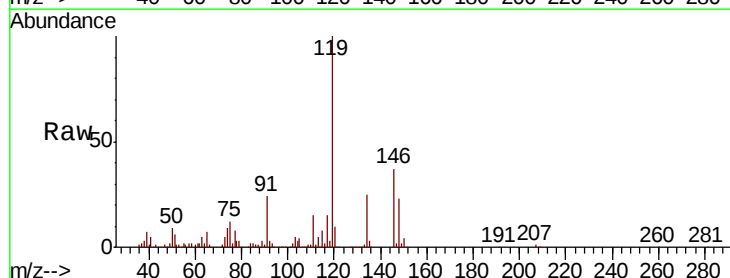
RT: 13.29 min Scan# 3582

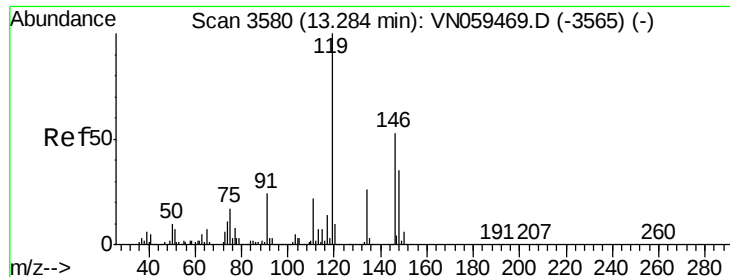
Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.1	39.3
91	24.3	11.7	35.1





#87

1,3-Dichlorobenzene

Concen: 19.122 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Instrument :

MSVOA_N

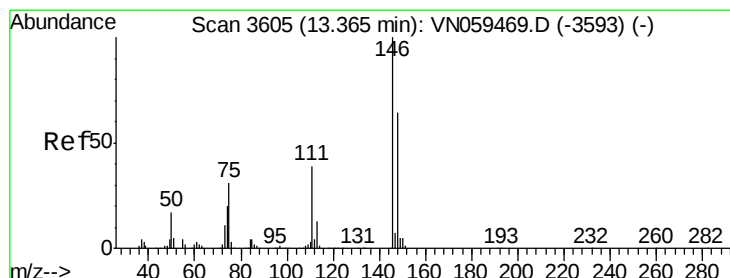
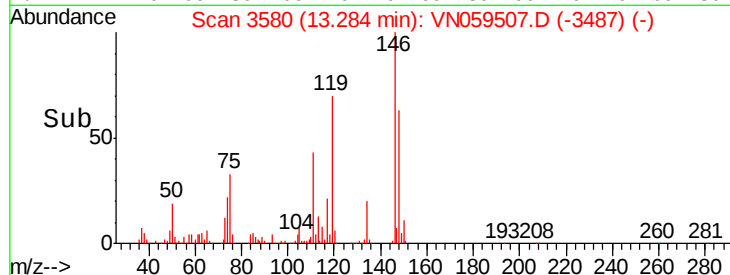
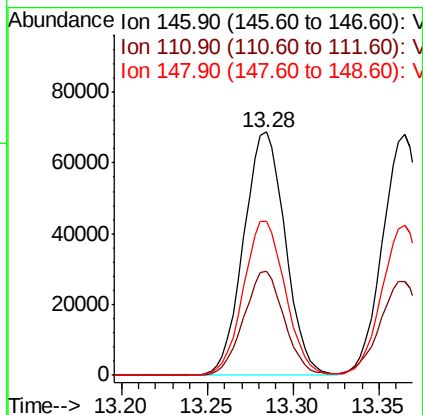
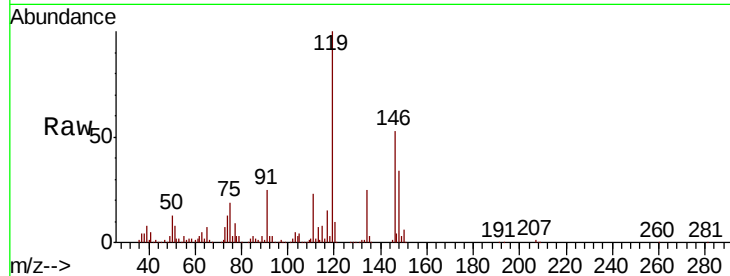
ClientSampleId :

VN1206WBS01

Tot Ion:	146	Resp:	115492
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.4	61.3
148	63.8	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 18.728 ug/l

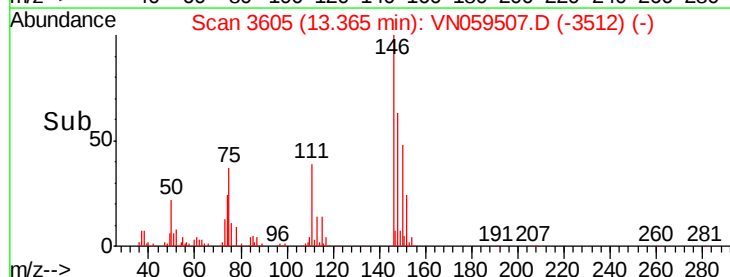
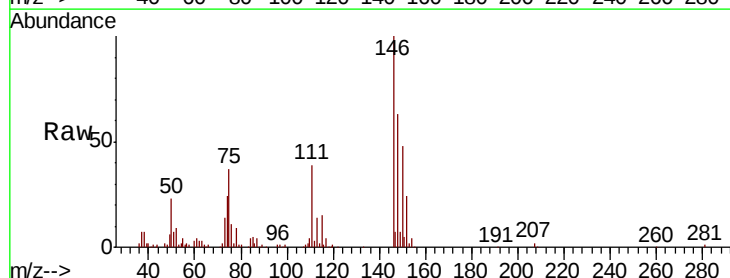
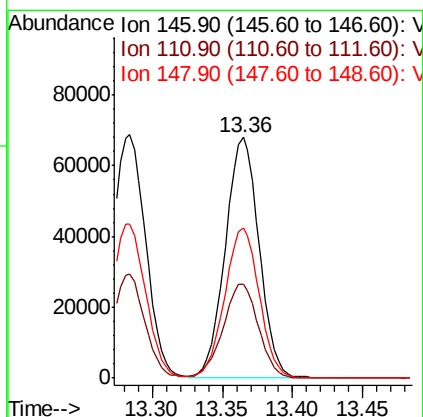
RT: 13.36 min Scan# 3605

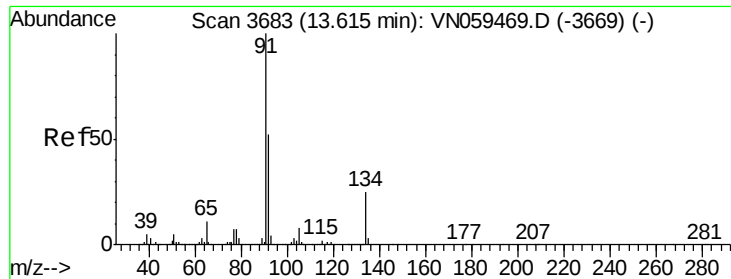
Delta R.T. -0.00 min

Lab File: VN059507.D

Acq: 6 Dec 2019 11:56

Tgt Ion:	146	Resp:	114077
Ion Ratio	Lower	Upper	
146	100		
111	41.0	19.8	59.3
148	63.7	32.0	96.0





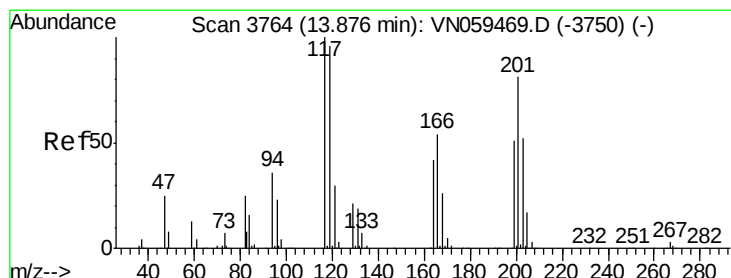
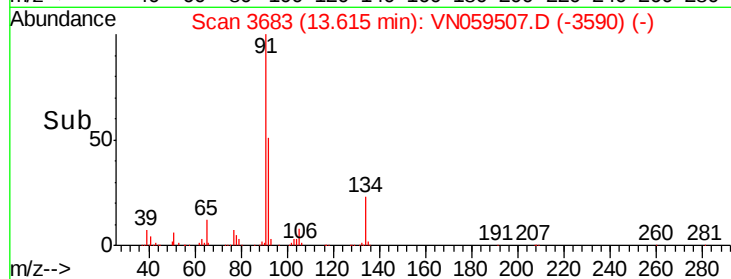
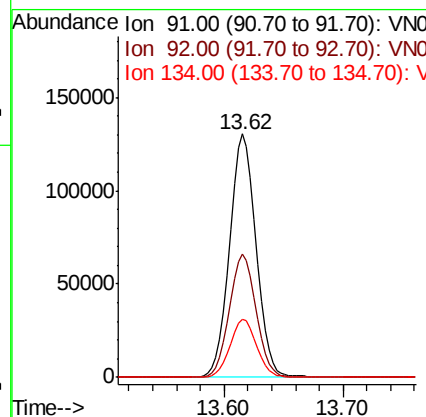
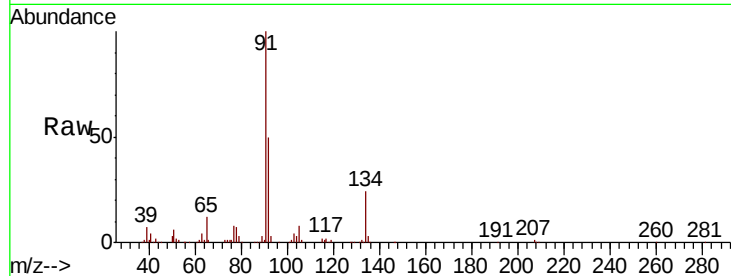
#89
n-Butylbenzene
Concen: 19.032 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.9	77.8
134	24.0	12.6	37.6

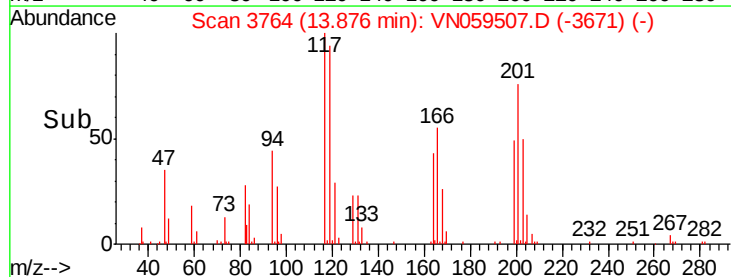
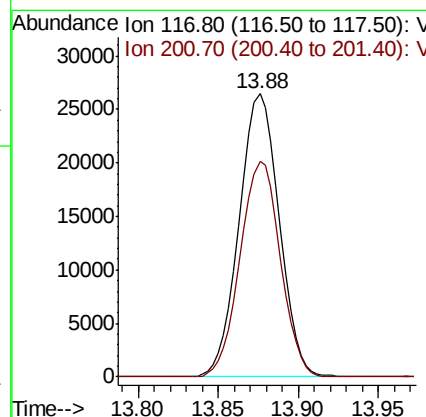
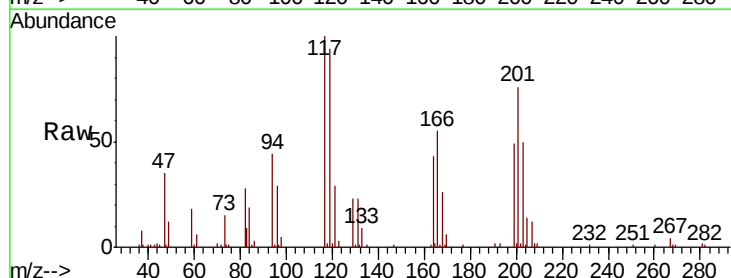
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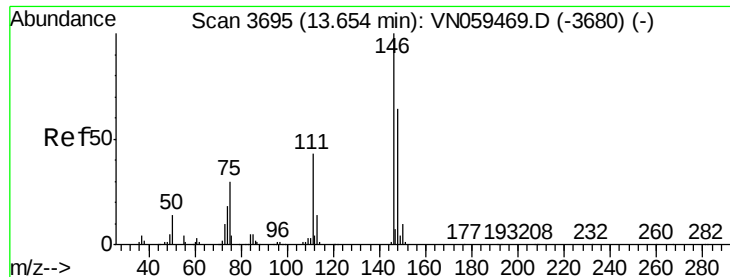
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#90
Hexachloroethane
Concen: 19.782 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.4	40.6	122.0





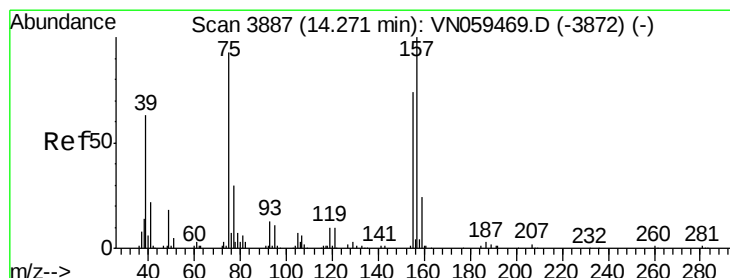
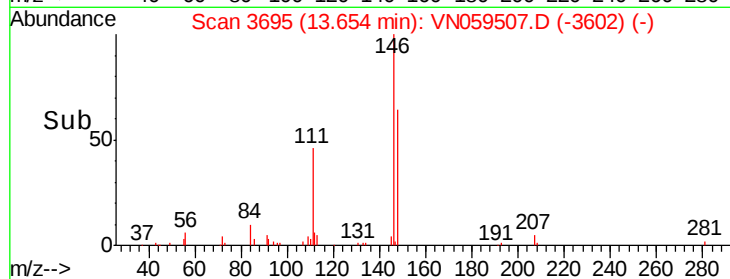
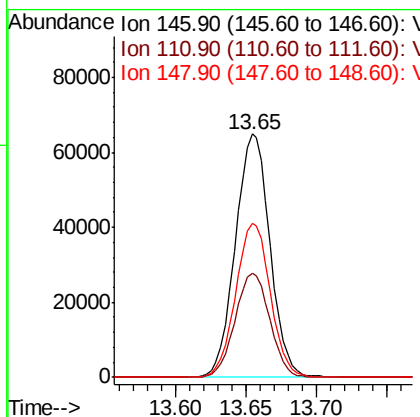
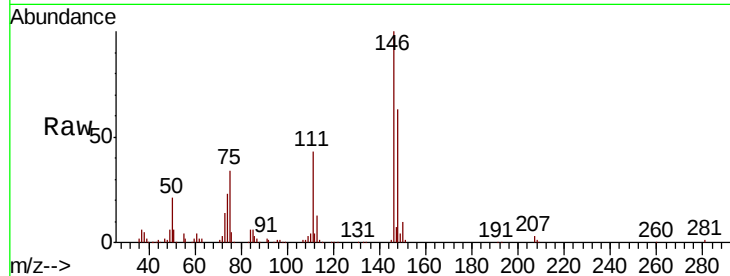
#91
 1,2-Dichlorobenzene
 Concen: 19.251 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.7
148	63.5	32.2	96.6

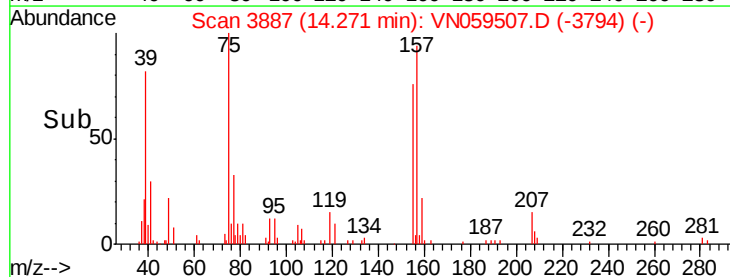
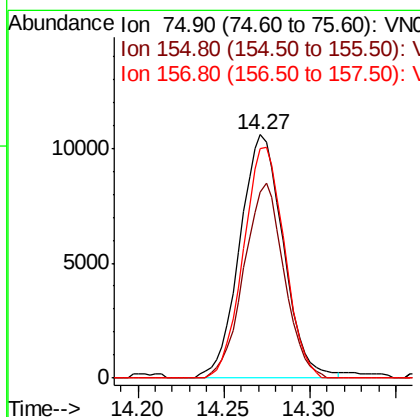
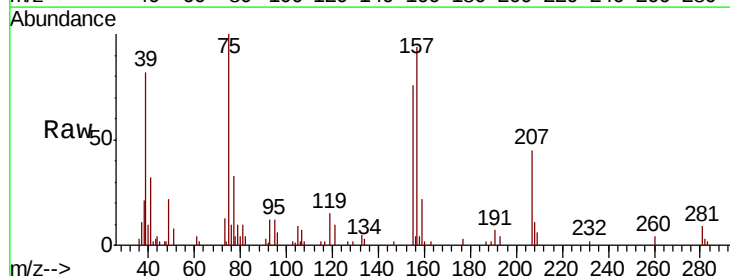
Manual Integrations
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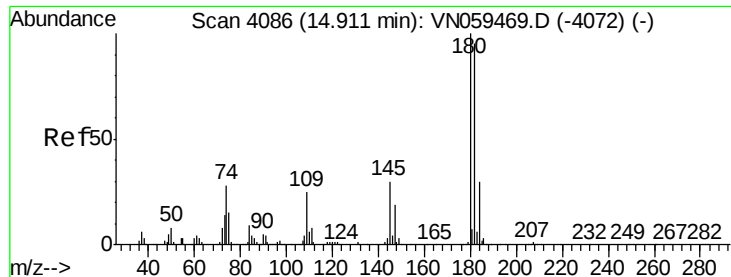
apatel
 12/9/2019 8:47:43 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.448 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.8	40.6	122.0
157	89.0	52.9	158.7





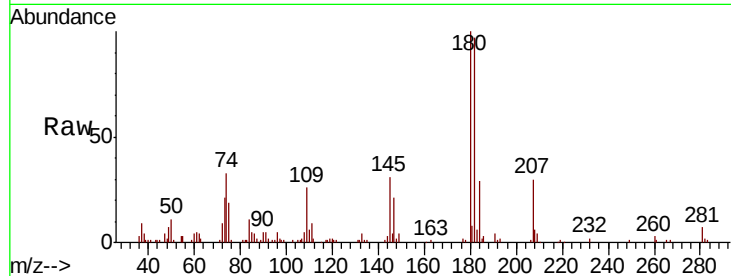
#93
 1,2,4-Trichlorobenzene
 Concen: 16.659 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	58886		
182	95.7	48.0	144.2	
145	30.5	15.2	45.6	

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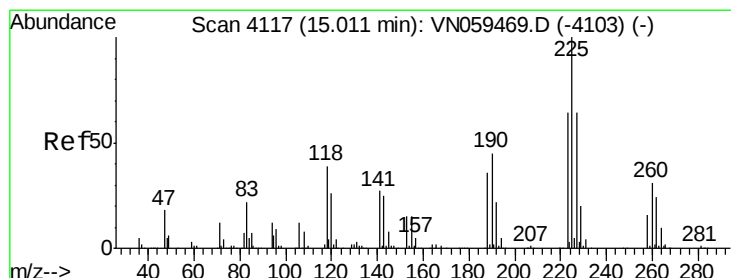
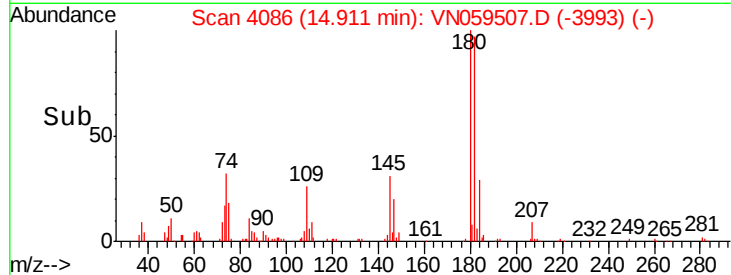
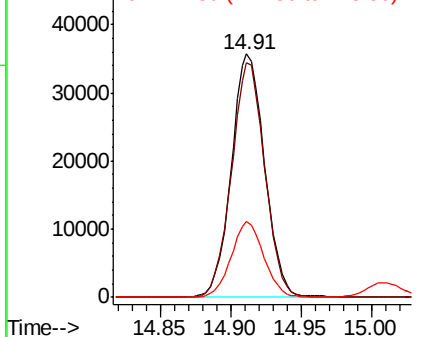


Abundance

Ion 179.80 (179.50 to 180.50): V

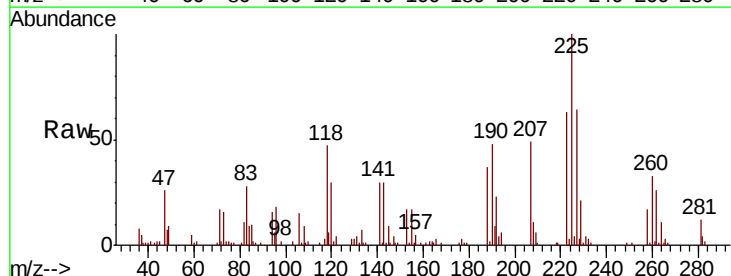
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.292 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059507.D
 Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38336		
223	64.1	31.9	95.5	
227	64.7	32.0	96.2	

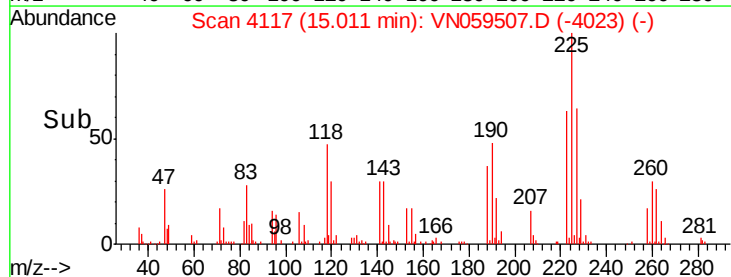
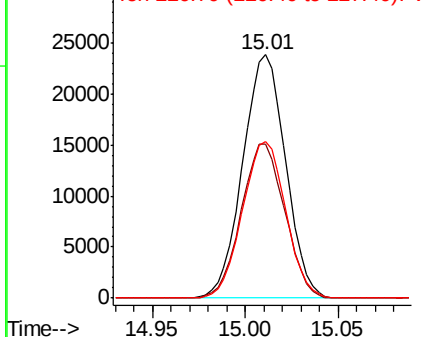


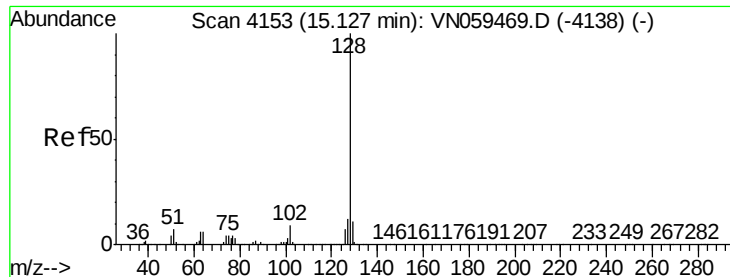
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





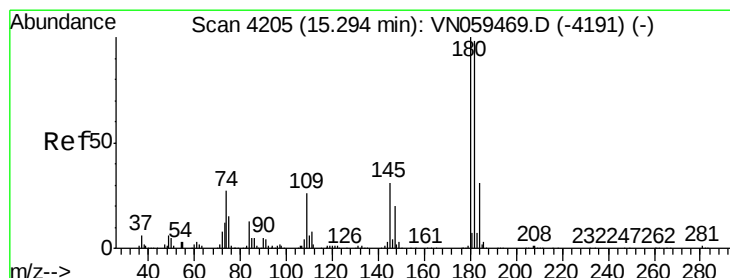
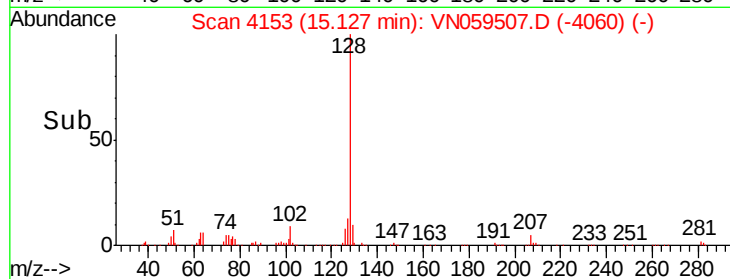
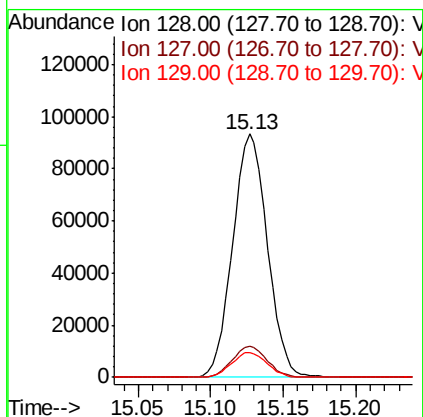
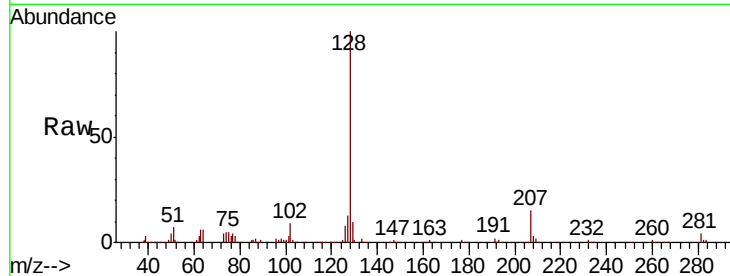
#95
Naphthalene
Concen: 17.604 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.5	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 18.529 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059507.D
Acq: 6 Dec 2019 11:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	48.5	145.5
145	33.5	16.1	48.2

