

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053481.D
 Acq On : 18 Jan 2019 19:17
 Operator : JC/SP
 Sample : K1199-10MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MS

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 10:48:31 AM

Quant Time: Jan 19 01:12:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	711933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1091322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	998360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	507686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	374763	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	7.59	113	327819	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	10.09	98	1329968	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	471124	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	279502	48.830	ug/l	100
3) Chloromethane	2.06	50	395898	48.376	ug/l	98
4) Vinyl Chloride	2.19	62	383673	48.635	ug/l	100
5) Bromomethane	2.57	94	264963	48.951	ug/l	98
6) Chloroethane	2.71	64	232655	48.779	ug/l	97
7) Trichlorofluoromethane	3.02	101	521581	50.547	ug/l	99
8) Diethyl Ether	3.41	74	209974	54.180	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	329135	50.366	ug/l	98
10) Methyl Iodide	3.96	142	506223	50.691	ug/l	100
11) Tert butyl alcohol	4.78	59	131389	381.587	ug/l	100
12) 1,1-Dichloroethene	3.74	96	322434	50.869	ug/l	99
13) Acrolein	3.61	56	151240	227.363	ug/l	97
14) Allyl chloride	4.33	41	495509	48.128	ug/l	95
15) Acrylonitrile	4.99	53	684390	302.022	ug/l	100
16) Acetone	3.82	43	450131	272.649	ug/l	98
17) Carbon Disulfide	4.06	76	918535	47.921	ug/l	100
18) Methyl Acetate	4.33	43	319370	57.417	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	945560	56.145	ug/l	100
20) Methylene Chloride	4.55	84	377983	50.147	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	350609	51.739	ug/l	99
22) Diisopropyl ether	5.95	45	1137568	52.927	ug/l	99
23) Vinyl Acetate	5.90	43	3621489	274.103	ug/l	99
24) 1,1-Dichloroethane	5.86	63	656068	51.635	ug/l	100
25) 2-Butanone	6.83	43	765431	300.861	ug/l	99
26) 2,2-Dichloropropane	6.83	77	447482	46.645	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	407852	52.633	ug/l	99
28) Bromochloromethane	7.20	49	297686	53.182	ug/l	99
29) Tetrahydrofuran	7.21	42	520770	314.429	ug/l	99
30) Chloroform	7.37	83	653091	52.756	ug/l	99
31) Cyclohexane	7.66	56	593696	48.005	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	545228	51.919	ug/l	100
36) 1,1-Dichloropropene	7.80	75	493492	49.653	ug/l	99
37) Ethyl Acetate	6.93	43	326909	57.171	ug/l	99
38) Carbon Tetrachloride	7.78	117	473330	50.304	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	595796	48.501	ug/l	100
40) Benzene	8.04	78	1533762	50.783	ug/l	99
41) Methacrylonitrile	7.18	41	193091	56.738	ug/l	98
42) 1,2-Dichloroethane	8.12	62	467115	53.089	ug/l	100
43) Isopropyl Acetate	8.17	43	585249	56.921	ug/l	100
44) Trichloroethene	8.84	130	420047	50.152	ug/l	99
45) 1,2-Dichloropropane	9.12	63	401541	50.195	ug/l	100
46) Dibromomethane	9.21	93	244557	53.210	ug/l	99
47) Bromodichloromethane	9.40	83	504972	52.245	ug/l	99
48) Methyl methacrylate	9.20	41	299707	56.455	ug/l	98
49) 1,4-Dioxane	9.20	88	77716	1498.967	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1726407	307.586	ug/l	100
52) Toluene	10.16	92	954064	50.883	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	517637	52.836	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	581547	50.637	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	351354	54.352	ug/l	100
56) Ethyl methacrylate	10.43	69	478033	52.020	ug/l	100
57) 1,3-Dichloropropane	10.71	76	603441	53.962	ug/l	99
59) 2-Hexanone	10.75	43	1187538	301.398	ug/l	100
60) Dibromochloromethane	10.90	129	396268	54.046	ug/l	99
61) 1,2-Dibromoethane	11.01	107	356074	54.464	ug/l	100
64) Tetrachloroethene	10.63	164	445497	47.351	ug/l	99
65) Chlorobenzene	11.44	112	1059742	50.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	378890	51.539	ug/l	99
67) Ethyl Benzene	11.51	91	1837807	51.030	ug/l	99
68) m/p-Xylenes	11.62	106	1405005	103.330	ug/l	99
69) o-Xylene	11.95	106	689357	52.175	ug/l	98
70) Stvrene	11.96	104	1144061	53.353	ug/l	100
71) Bromoform	12.13	173	289340	57.170	ug/l	98
73) Isopropylbenzene	12.25	105	1816056	48.847	ug/l	100
74) N-amyl acetate	12.07	43	539168	54.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	427832	54.869	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	351680m	52.565	ug/l	
77) Bromobenzene	12.53	156	488727	49.888	ug/l	100
78) n-propylbenzene	12.59	91	2099616	49.199	ug/l	99
79) 2-Chlorotoluene	12.68	91	1234806	48.814	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1520230	50.257	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	130047	49.234	ug/l	99
82) 4-Chlorotoluene	12.77	91	1271557	49.292	ug/l	100
83) tert-Butylbenzene	12.99	119	1331261	49.829	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1551804	50.878	ug/l	100
85) sec-Butylbenzene	13.17	105	1811296	49.434	ug/l	100
86) p-Isopropyltoluene	13.29	119	1585050	49.822	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	867136	50.320	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	858910	49.689	ug/l	99
89) n-Butylbenzene	13.62	91	1326970	48.932	ug/l	100
90) Hexachloroethane	13.88	117	257903	51.688	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	845891	53.355	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	67181	67.951	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	395649	56.198	ug/l	99

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QLast Update : Wed Jan 16 03:10:53 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	256541	51.873	ug/l	100
95) Naphthalene	15.13	128	748686	60.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	305991	59.018	ug/l	99

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

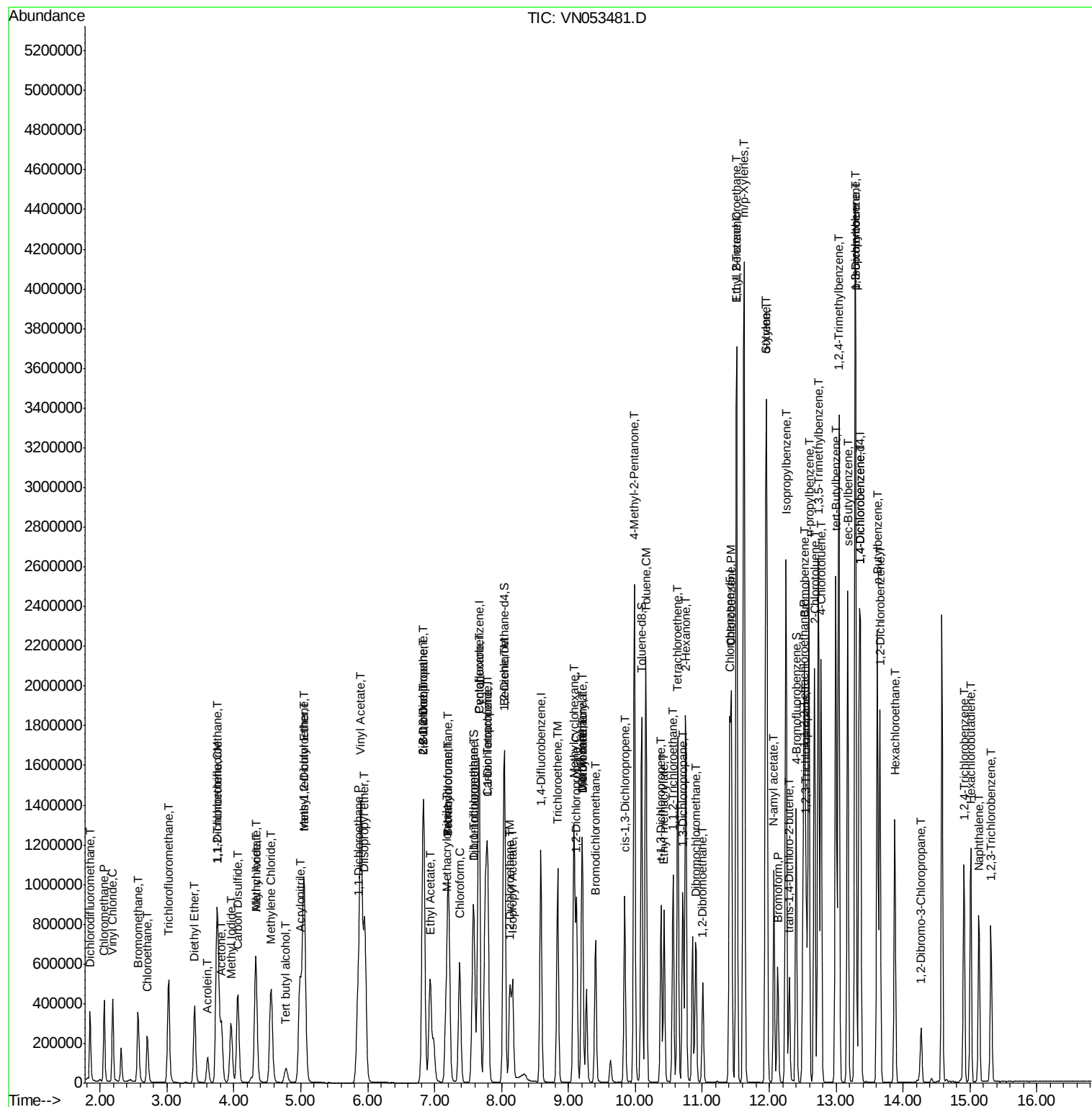
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
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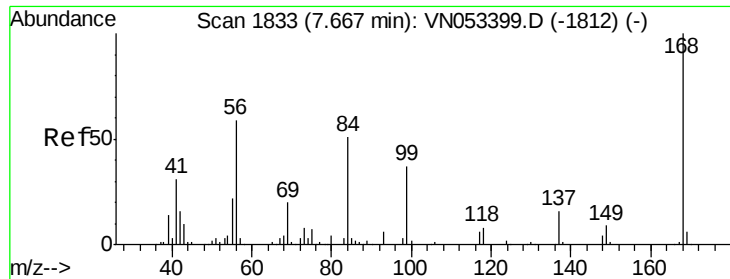
Instrument :
 MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SA-TW521-2327MS

Tot Ion:168 Resp: 711933

Ion Ratio Lower Upper

168 100

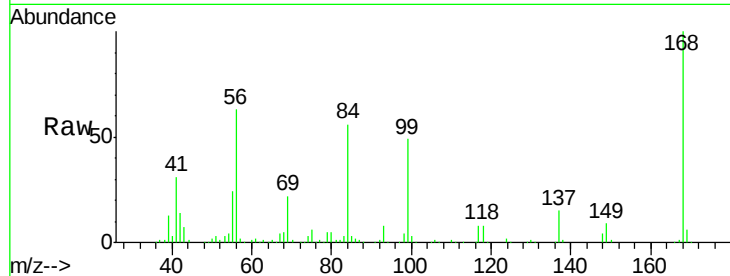
99 48.8 39.1 58.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

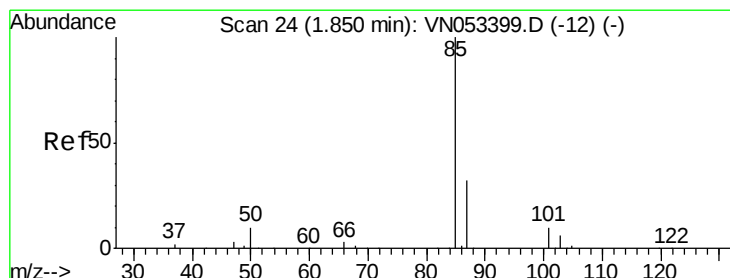
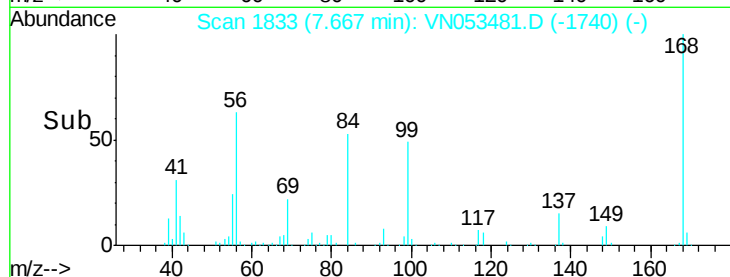
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.830 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053481.D

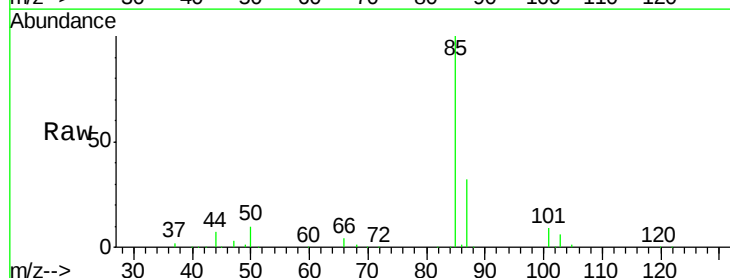
Acq: 18 Jan 2019 19:17

Tgt Ion: 85 Resp: 279502

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

200000

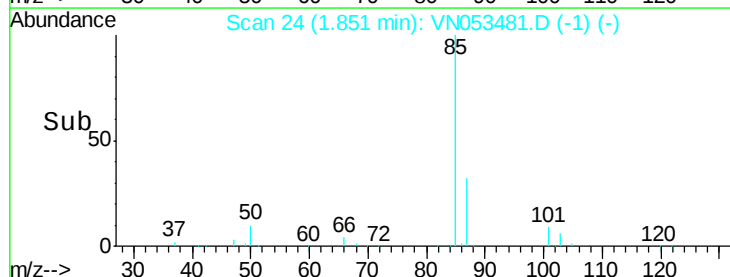
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Time-->





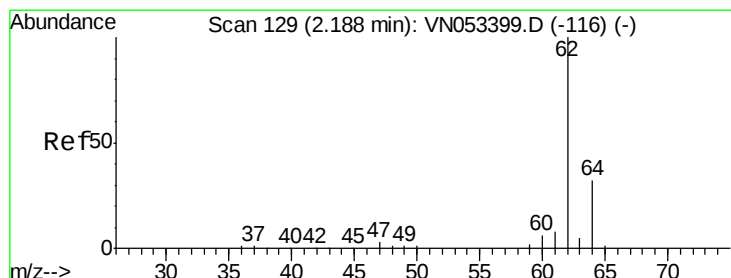
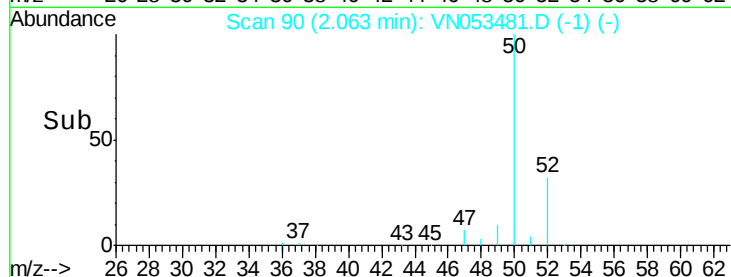
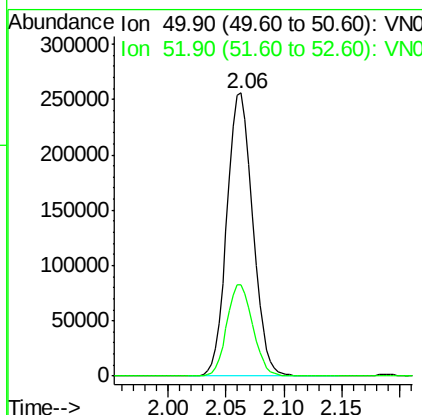
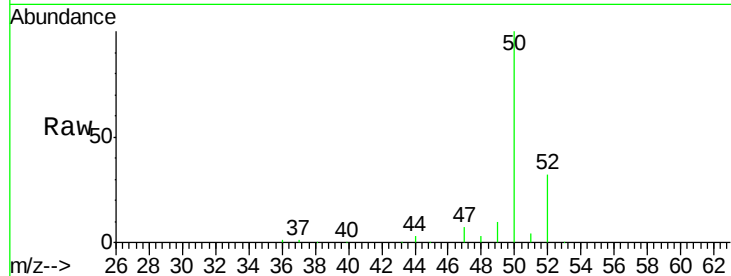
#3
Chloromethane
Concen: 48.376 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion: 50 Resp: 395898
Ion Ratio Lower Upper
50 100
52 32.3 26.6 40.0

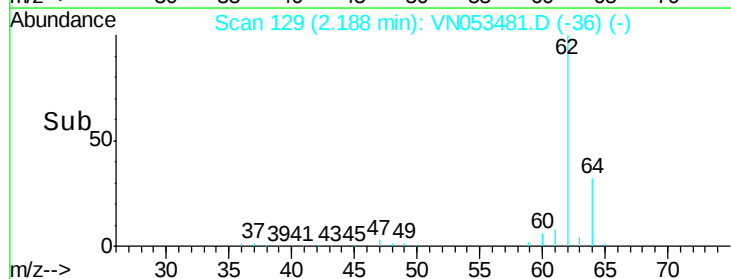
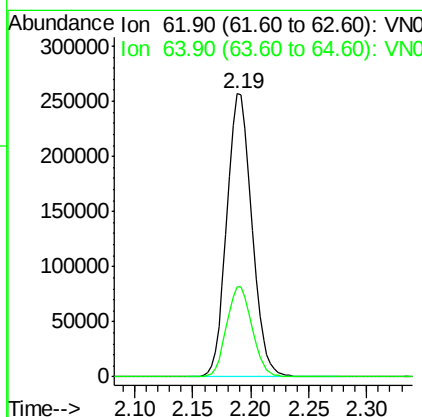
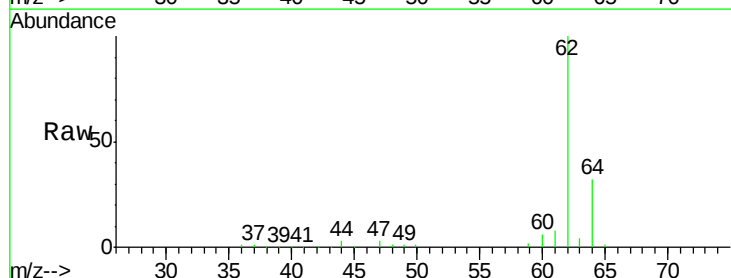
Manual Integrations
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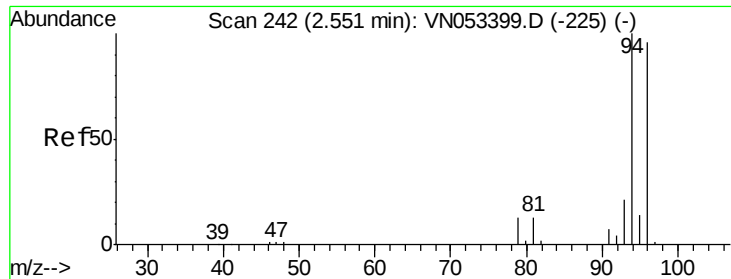
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#4
Vinyl Chloride
Concen: 48.635 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion: 62 Resp: 383673
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2





#5

Bromomethane

Concen: 48.951 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.02 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SA-TW521-2327MS

Tot Ion: 94 Resp: 264963

Ion Ratio Lower Upper

94 100

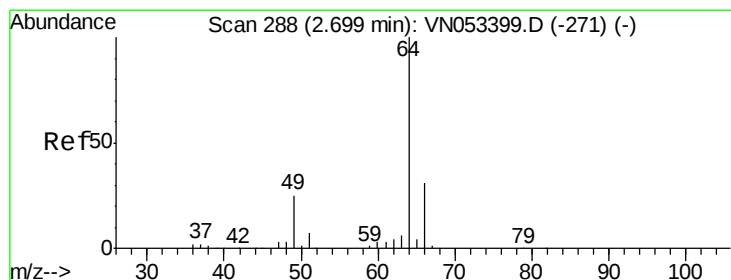
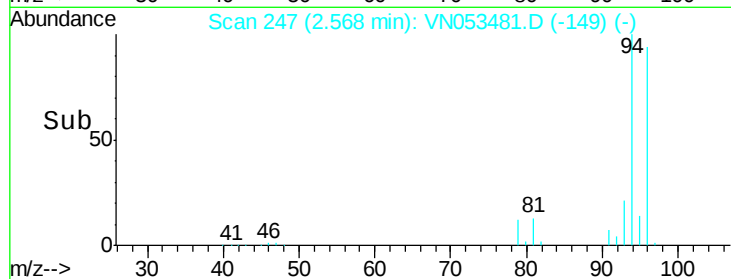
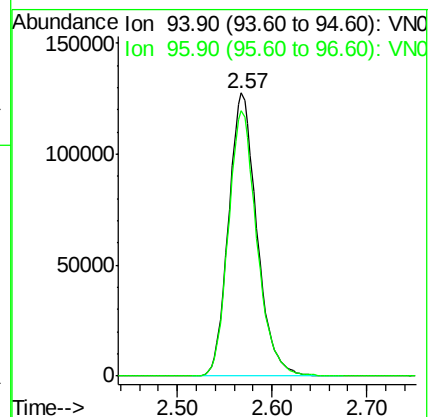
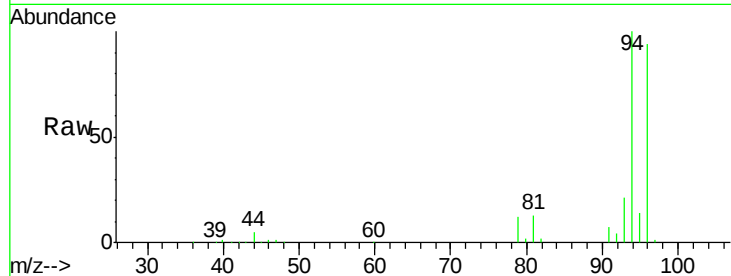
96 94.0 76.8 115.2

Manual Integrations

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#6

Chloroethane

Concen: 48.779 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN053481.D

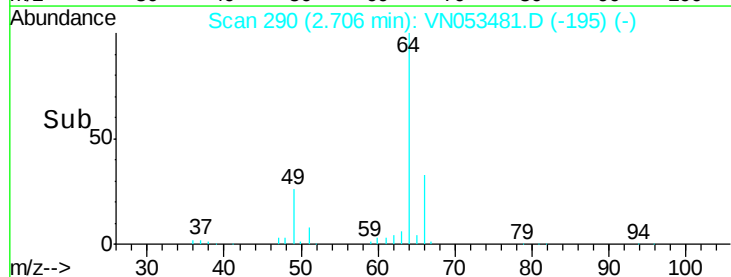
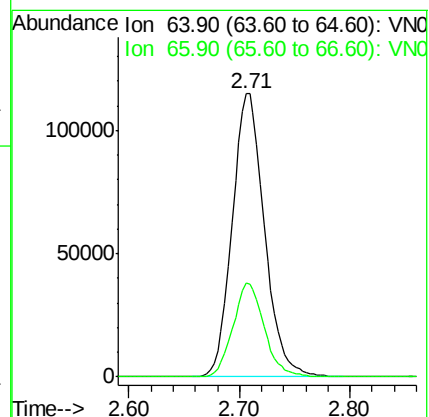
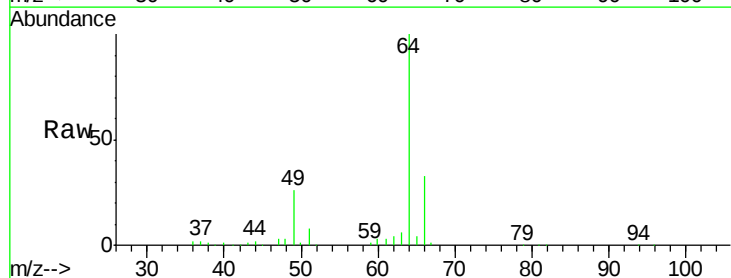
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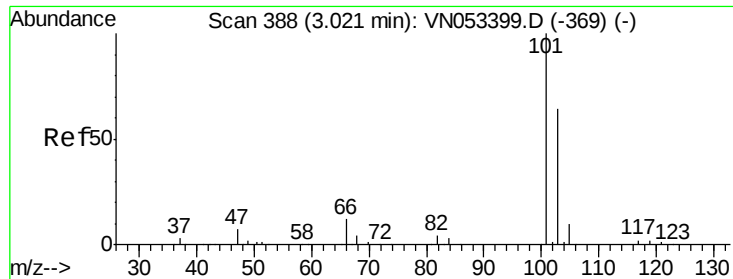
Tgt Ion: 64 Resp: 232655

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7





#7

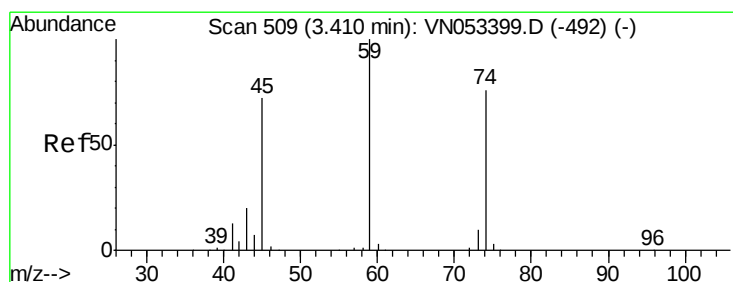
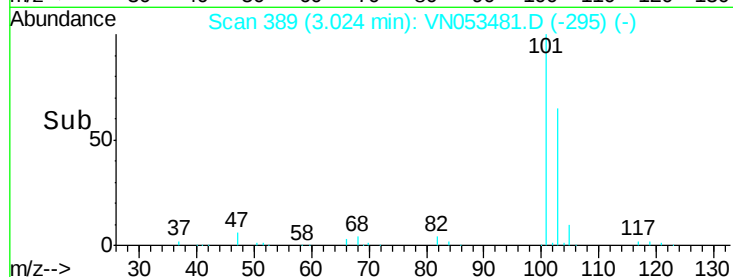
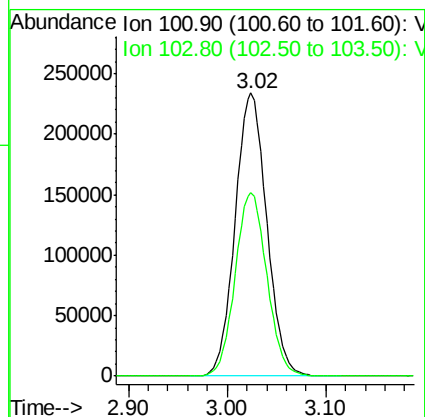
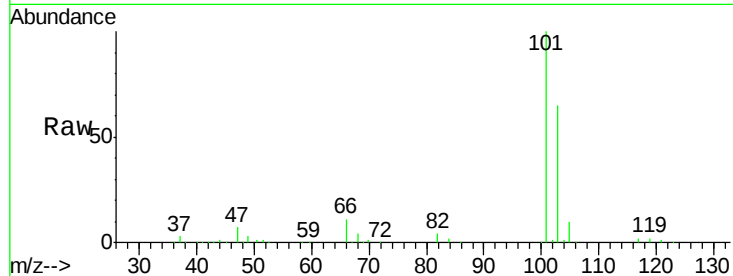
Trichlorofluoromethane
Concen: 50.547 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
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Tot Ion:101 Resp: 521581
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

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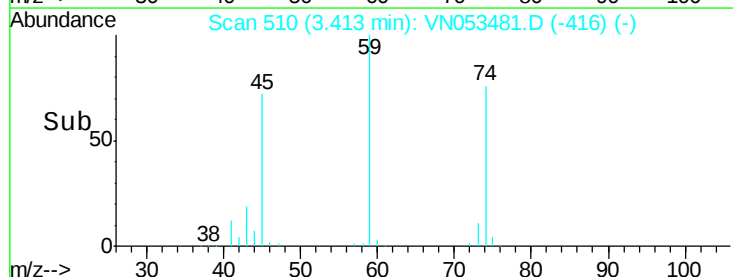
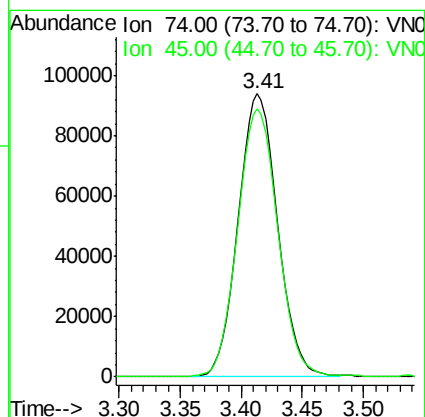
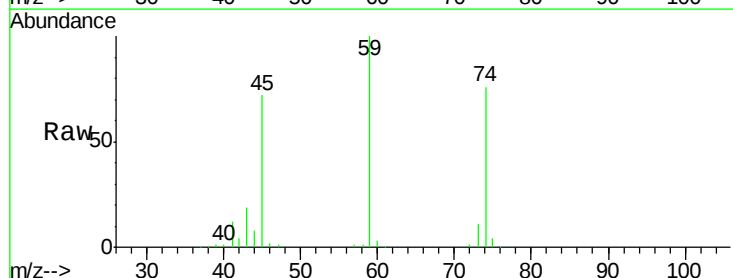
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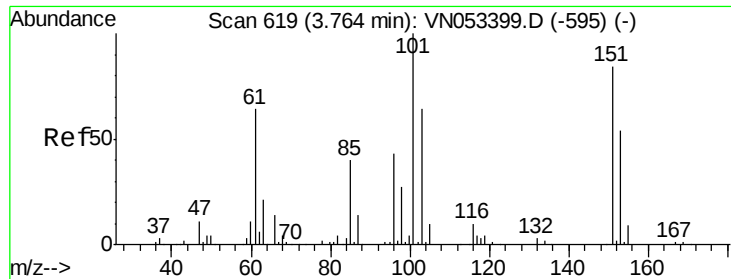


#8

Diethyl Ether
Concen: 54.180 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion: 74 Resp: 209974
Ion Ratio Lower Upper
74 100
45 97.0 47.9 143.7





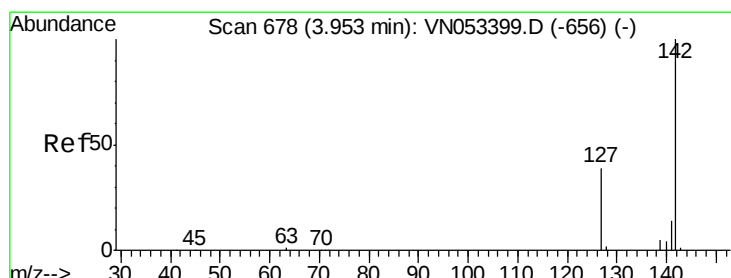
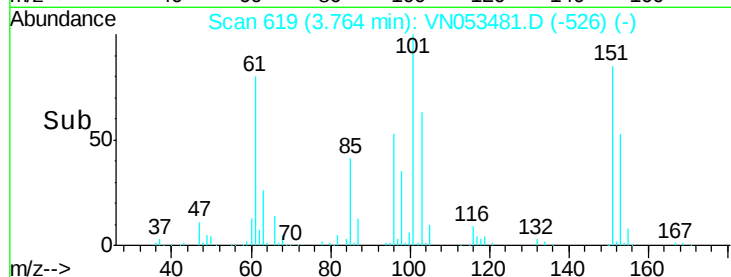
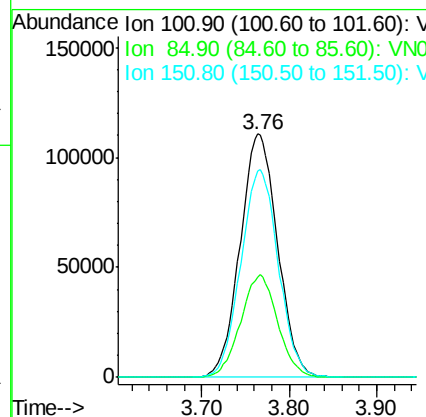
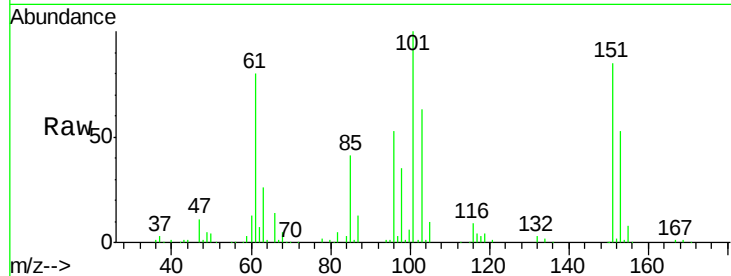
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.366 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MS

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	41.6	32.8	49.2
151	85.4	66.9	100.3

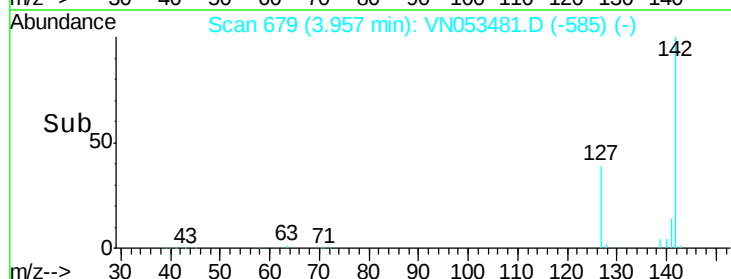
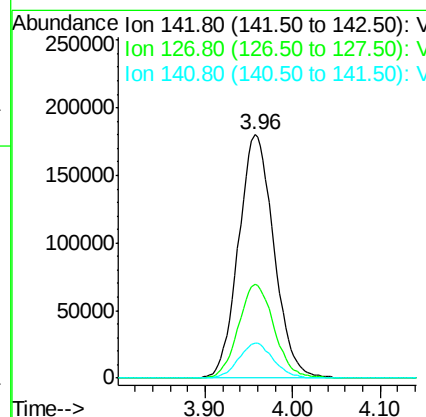
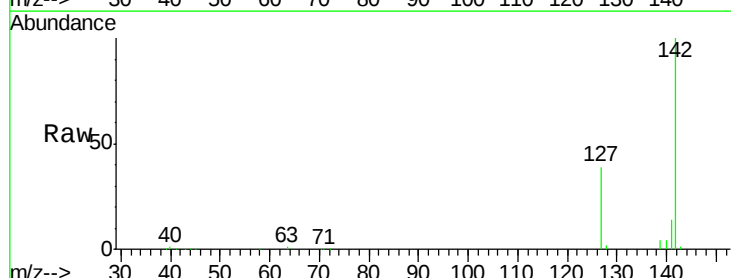
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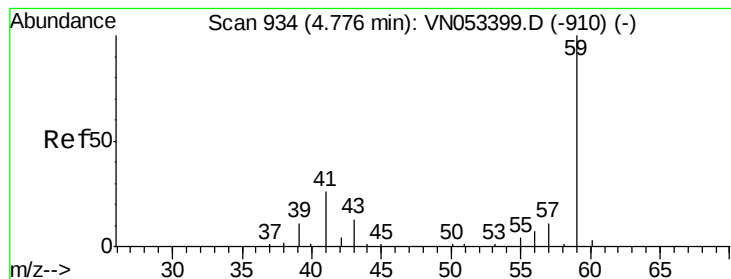
MMDadoda
 1/21/2019 10:48:31 AM



#10
 Methyl Iodide
 Concen: 50.691 ug/l
 RT: 3.96 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	38.8	31.0	46.4
141	14.2	11.1	16.7





#11

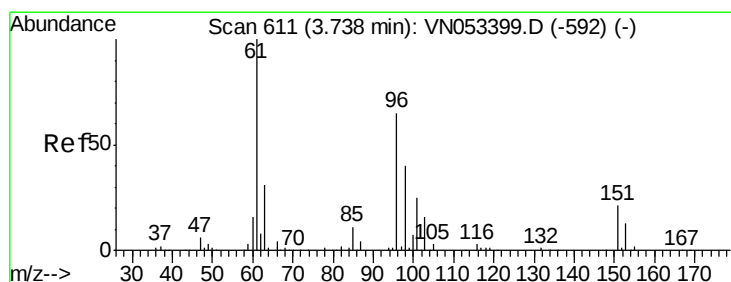
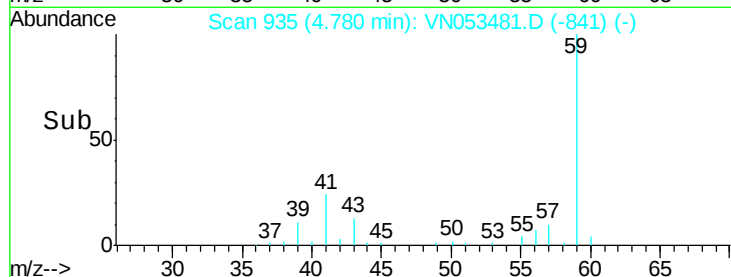
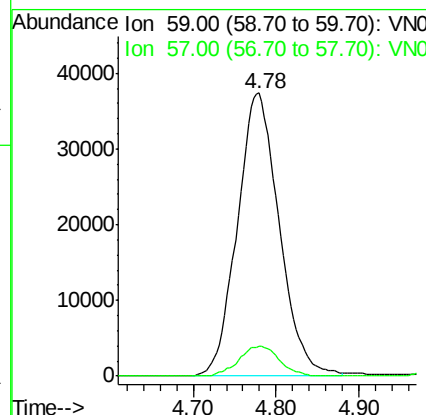
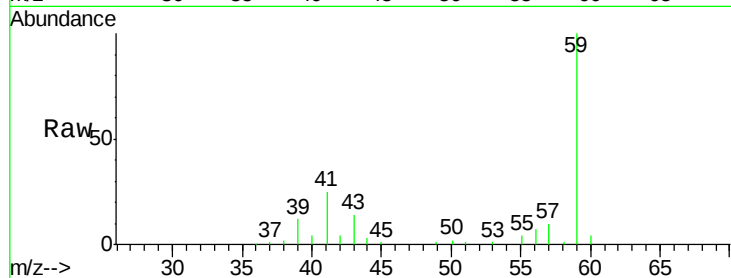
Tert butyl alcohol
Concen: 381.587 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

Manual Integrations
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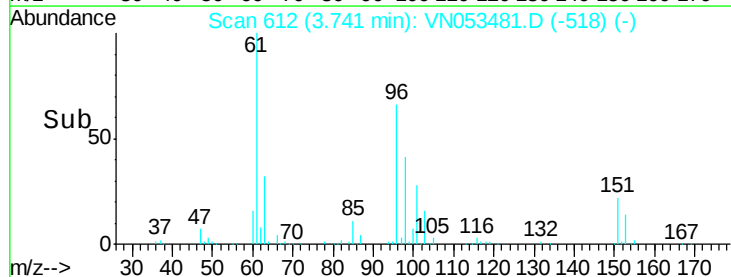
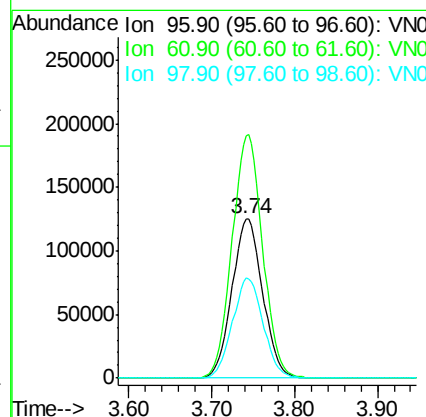
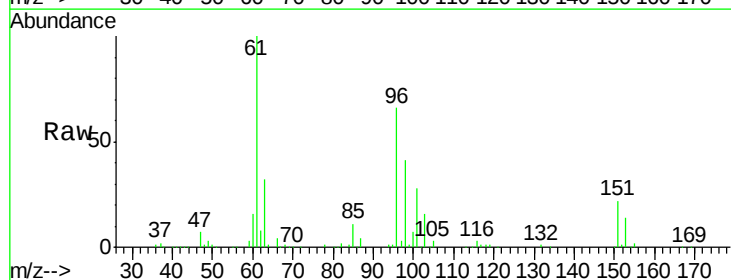
MMDadoda
1/21/2019 10:48:31 AM

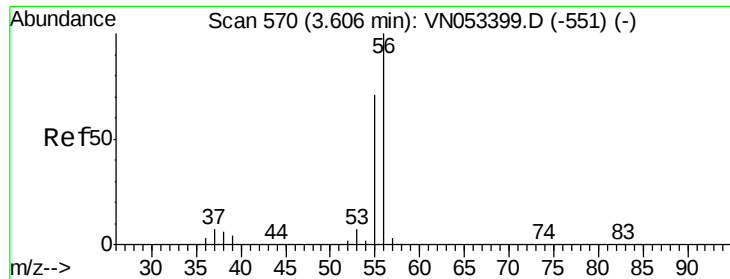


#12

1,1-Dichloroethene
Concen: 50.869 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.2	122.9	184.3
98	62.7	49.4	74.0





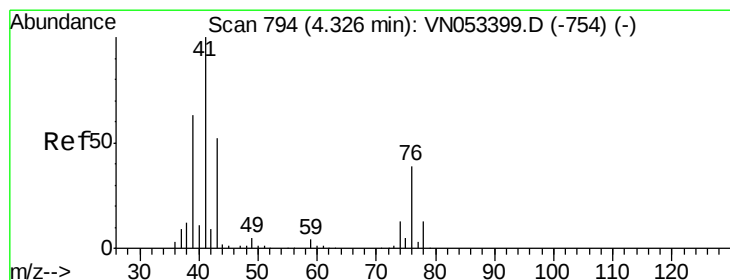
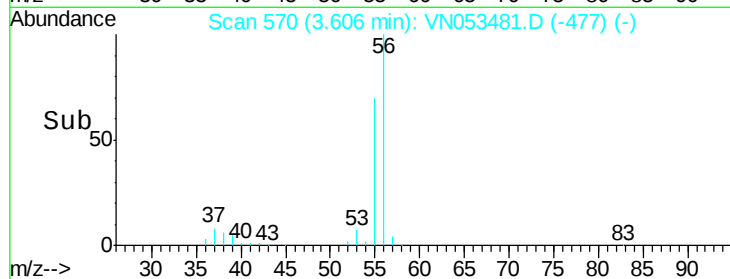
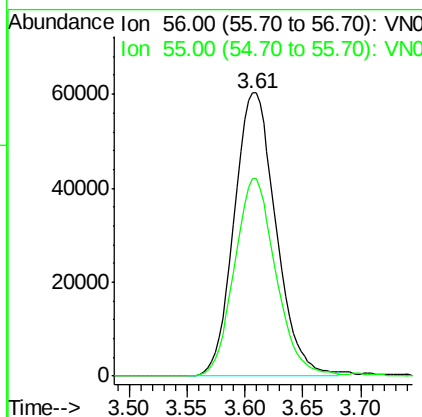
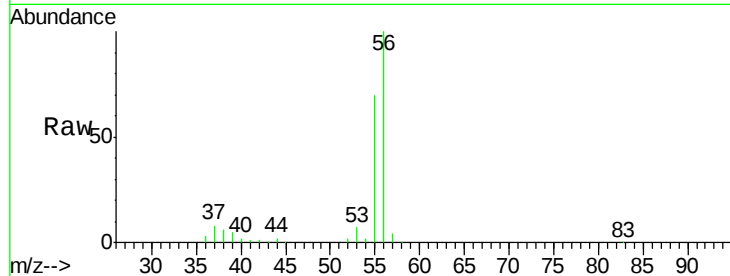
#13
 Acrolein
 Concen: 227.363 ug/l
 RT: 3.61 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MS

Tot Ion	56	Resp	151240
Ion Ratio	100	Lower	Upper
56	100		
55	69.1	57.4	86.0

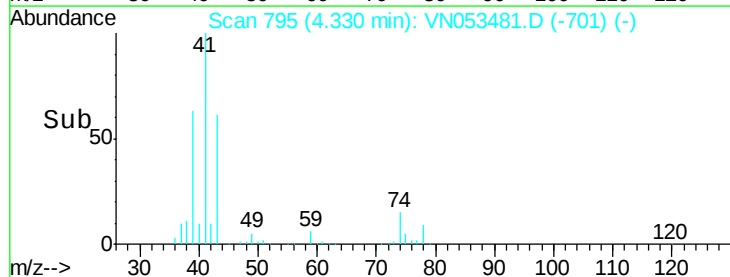
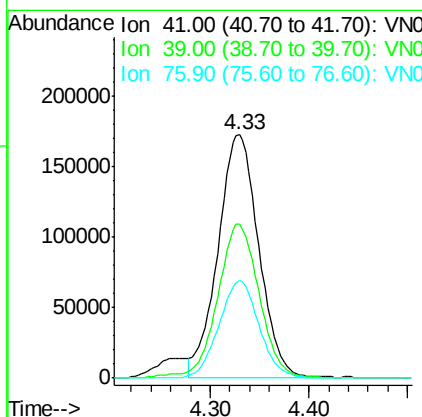
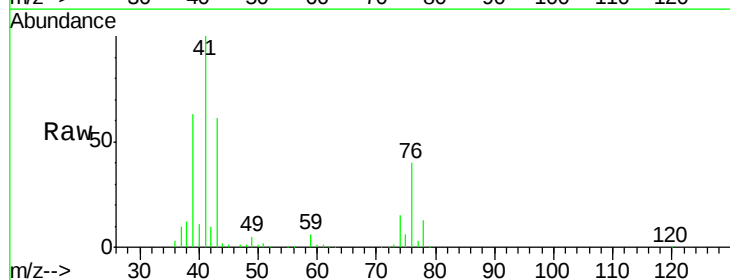
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#14
 Allyl chloride
 Concen: 48.128 ug/l
 RT: 4.33 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Tgt Ion	41	Resp	495509
Ion Ratio	100	Lower	Upper
41	100		
39	65.4	48.9	73.3
76	39.3	29.4	44.2





#15

Acrylonitrile

Concen: 302.022 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

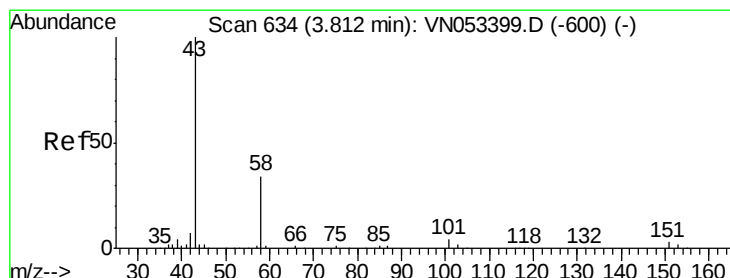
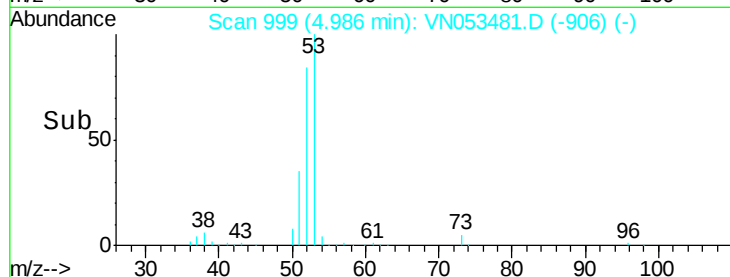
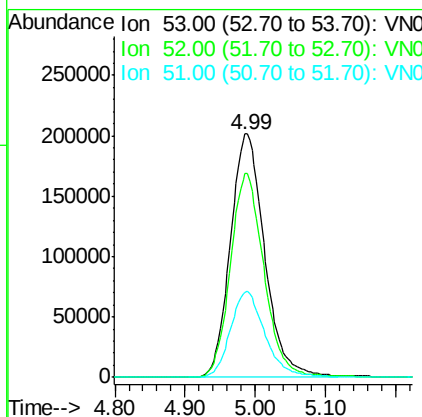
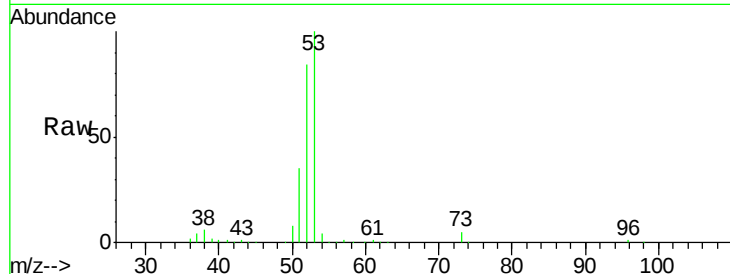
ClientSampleId :

SA-TW521-2327MS

Tot Ion:	53	Resp:	684390
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.0	99.0
51	35.8	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 272.649 ug/l

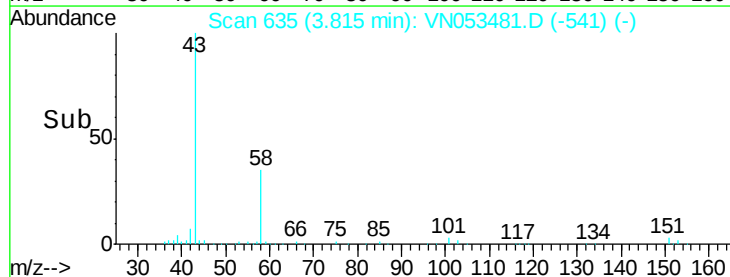
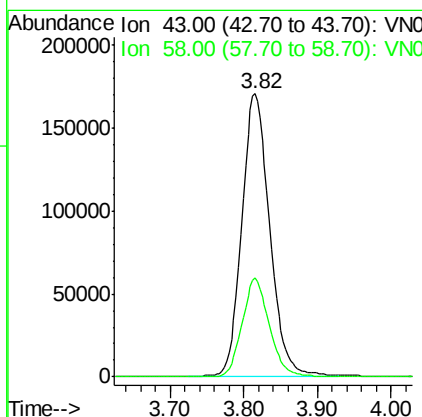
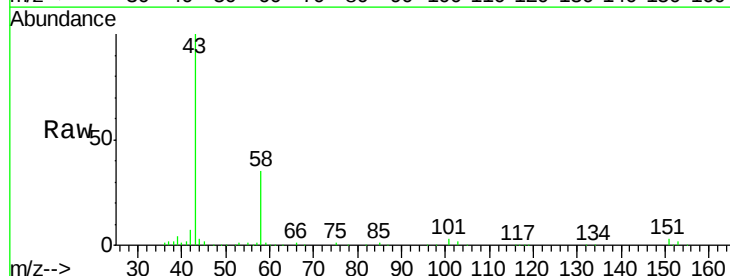
RT: 3.82 min Scan# 635

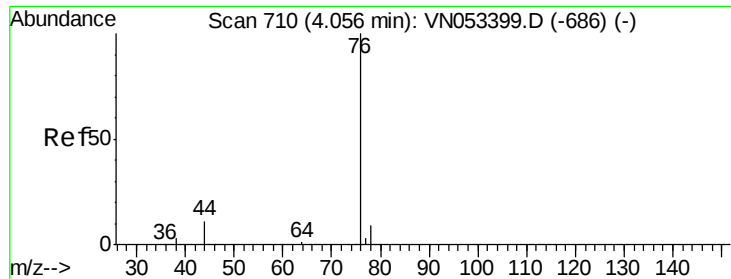
Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Tgt Ion:	43	Resp:	450131
Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.1	40.7





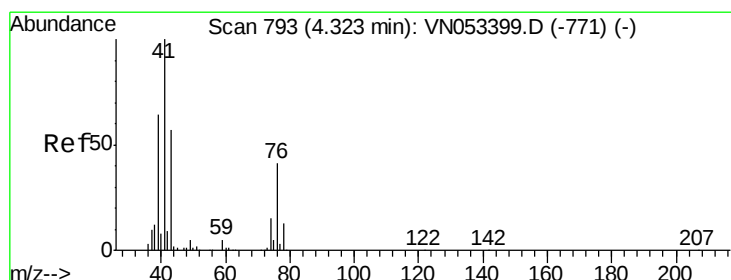
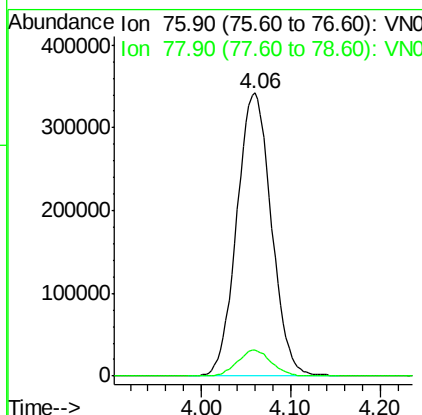
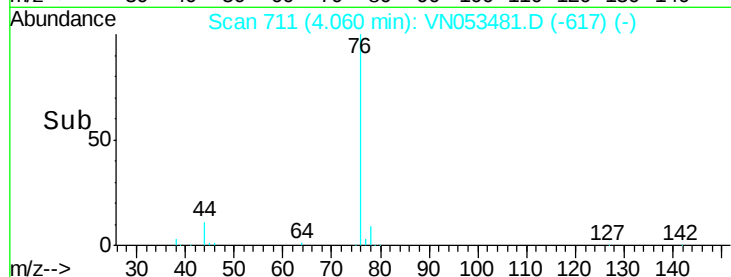
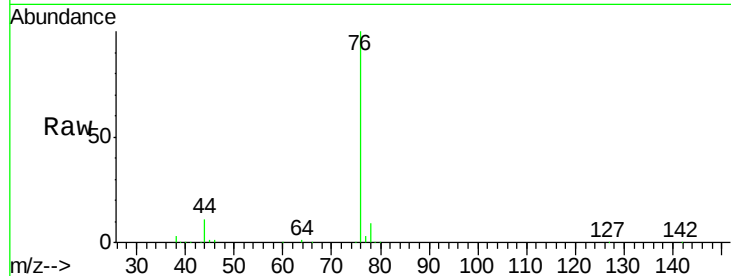
#17
Carbon Disulfide
Concen: 47.921 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampled :
SA-TW521-2327MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

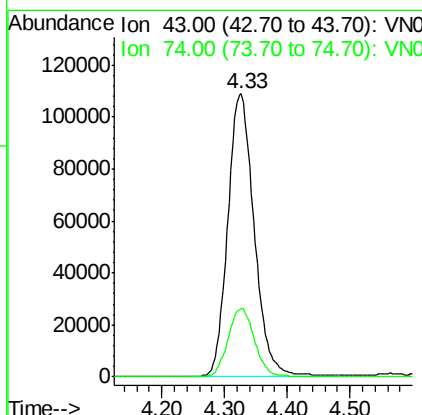
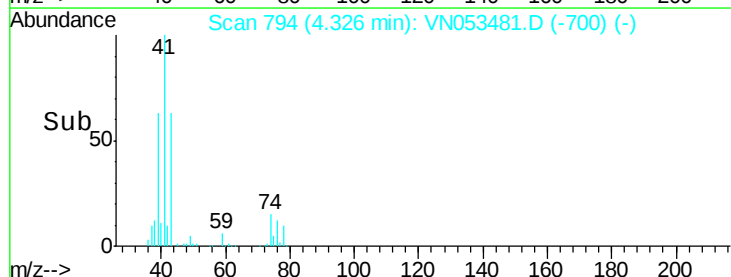
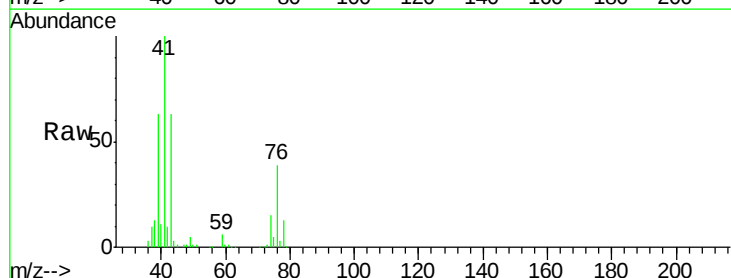
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#18
Methyl Acetate
Concen: 57.417 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.4	29.2





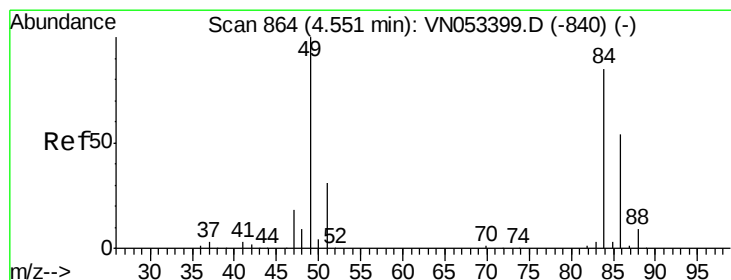
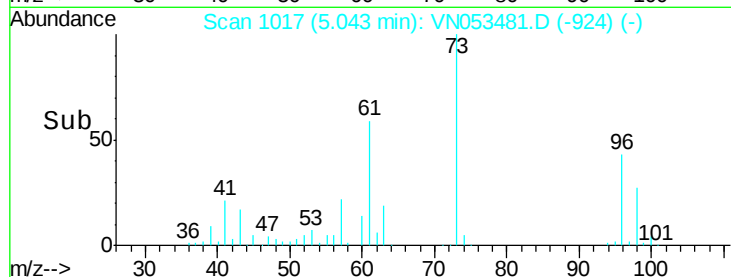
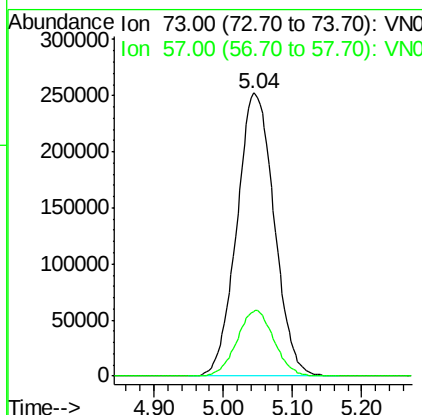
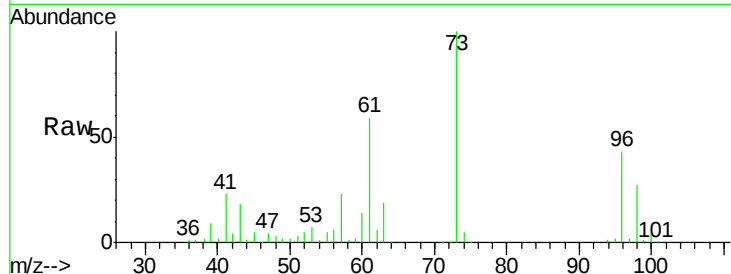
#19
Methvl tert-butvl Ether
Concen: 56.145 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion: 73 Resp: 945560
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5

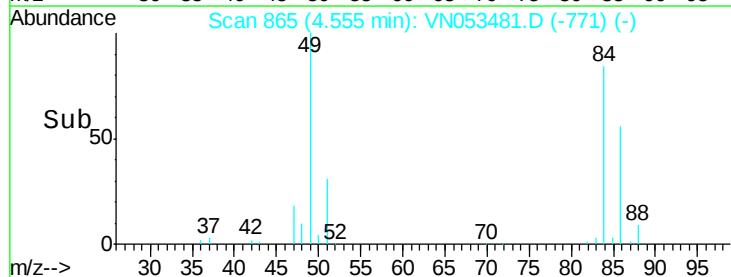
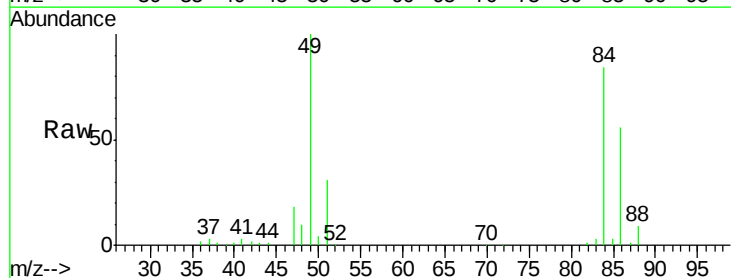
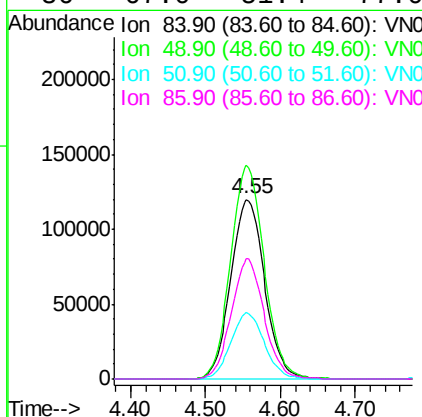
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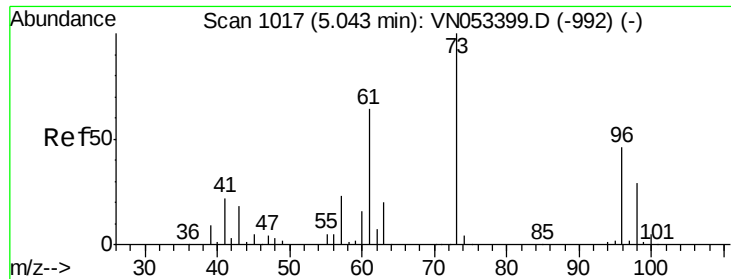
MMDadoda
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#20
Methylene Chloride
Concen: 50.147 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion: 84 Resp: 377983
Ion Ratio Lower Upper
84 100
49 118.9 94.3 141.5
51 36.9 29.4 44.2
86 67.0 51.4 77.0





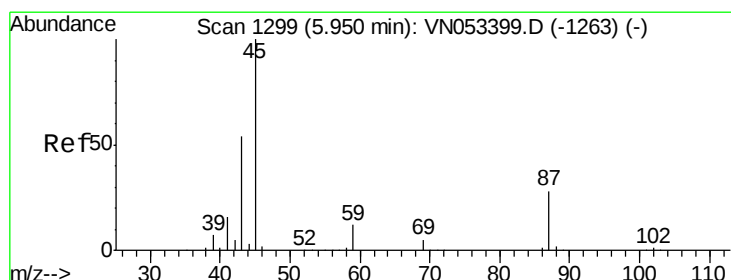
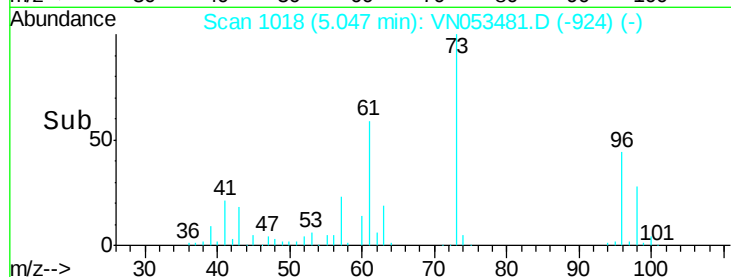
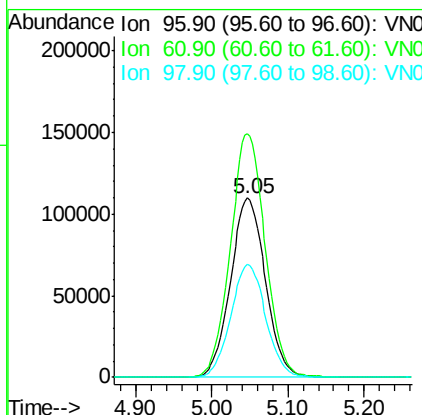
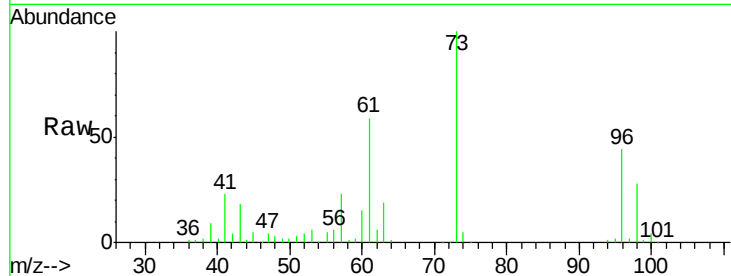
#21
trans-1,2-Dichloroethene
Concen: 51.739 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.6	110.1	165.1
98	63.0	50.0	75.0

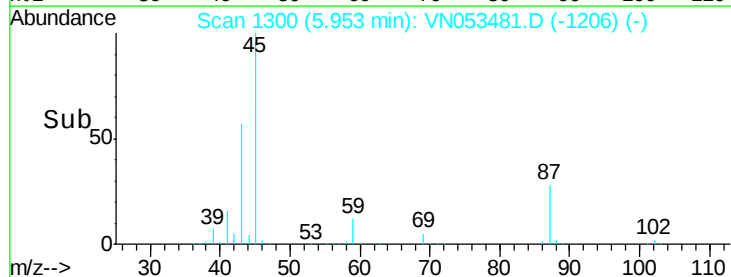
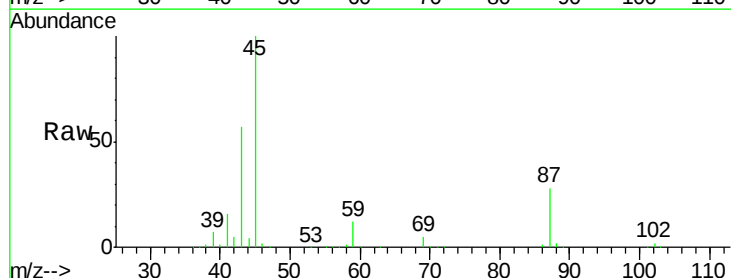
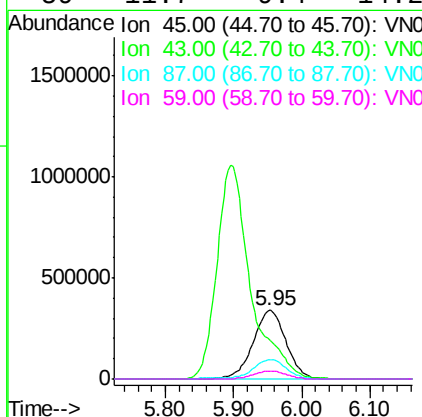
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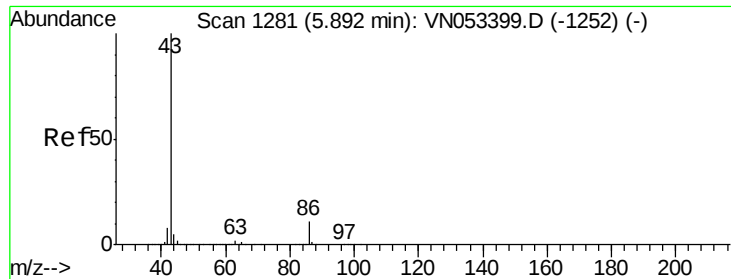
MMDadoda
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#22
Diisopropyl ether
Concen: 52.927 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.0	44.2	66.4
87	28.3	22.7	34.1
59	11.7	9.4	14.2





#23

Vinyl Acetate

Concen: 274.103 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SA-TW521-2327MS

Tot Ion: 43 Resp: 3621489

Ion Ratio Lower Upper

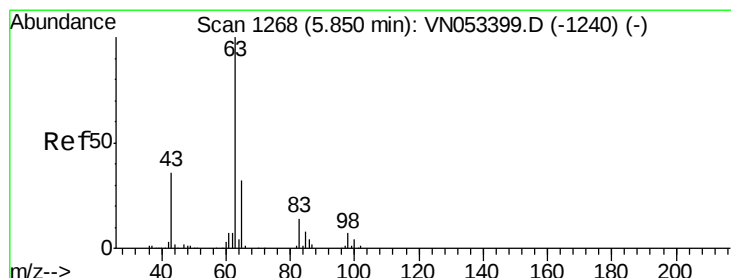
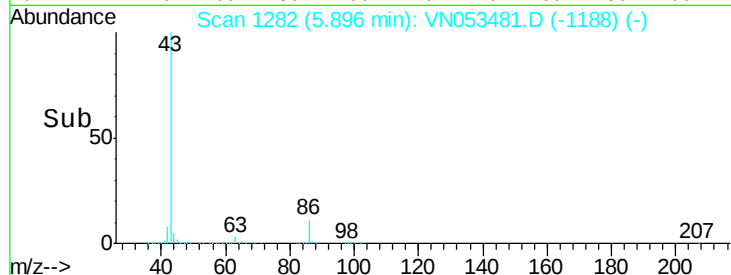
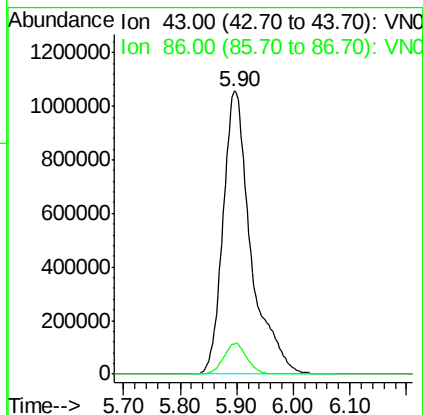
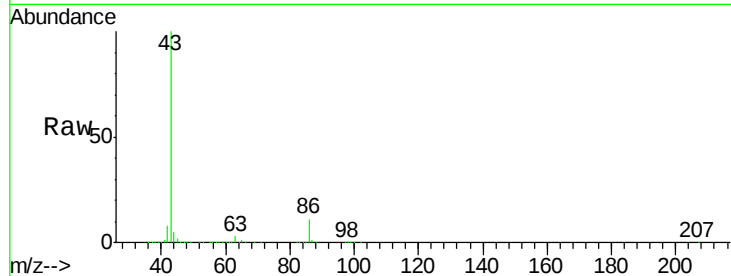
43 100

86 10.8 8.4 12.6

Manual Integrations
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MMDadoda

1/21/2019 10:48:31 AM



#24

1,1-Dichloroethane

Concen: 51.635 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

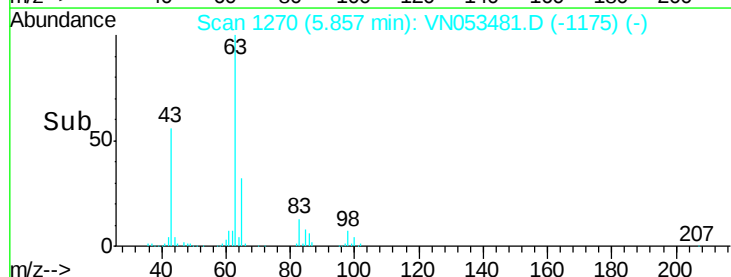
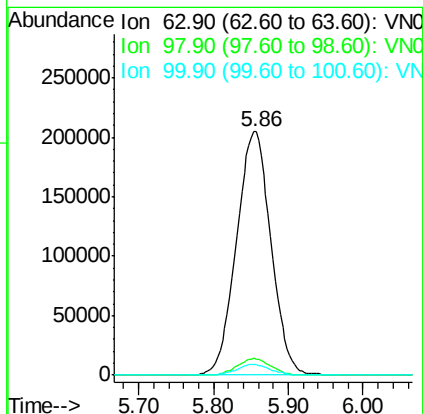
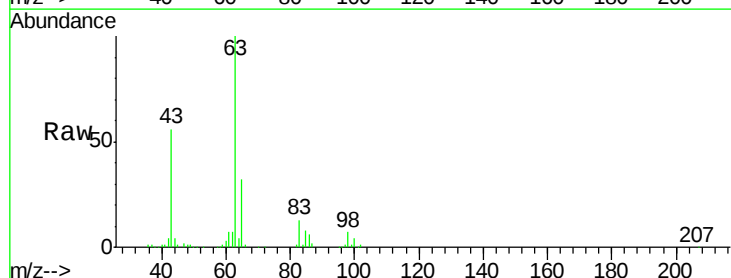
Tgt Ion: 63 Resp: 656068

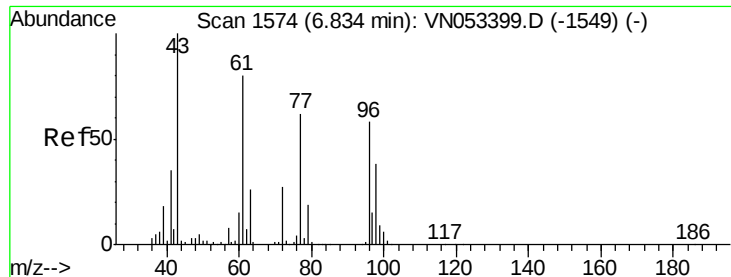
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.3 2.1 6.5





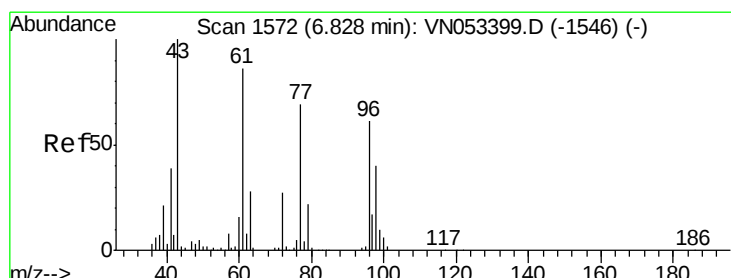
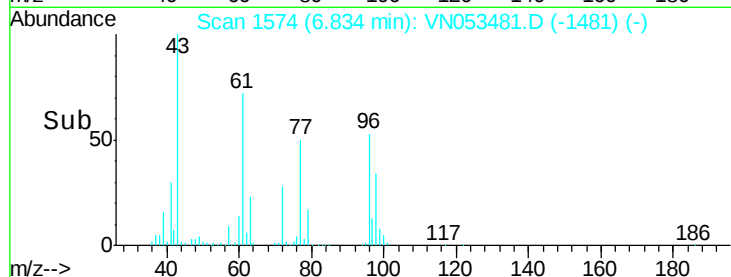
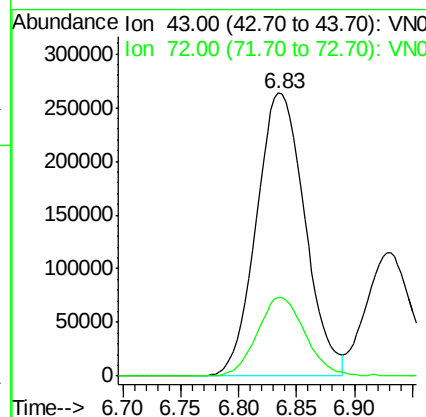
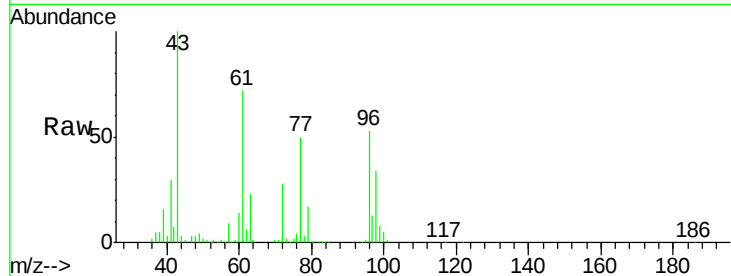
#25
 2-Butanone
 Concen: 300.861 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MS

Tot Ion: 43 Resp: 765431
 Ion Ratio Lower Upper
 43 100
 72 27.9 22.0 33.0

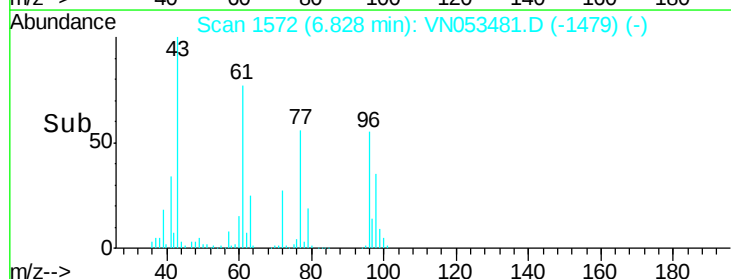
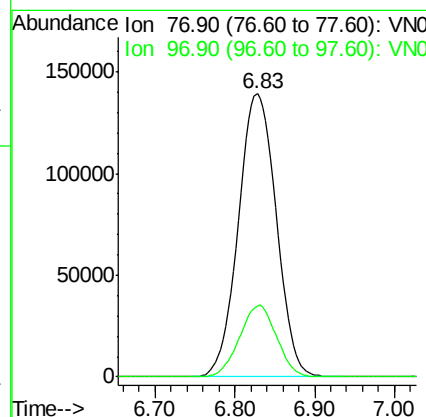
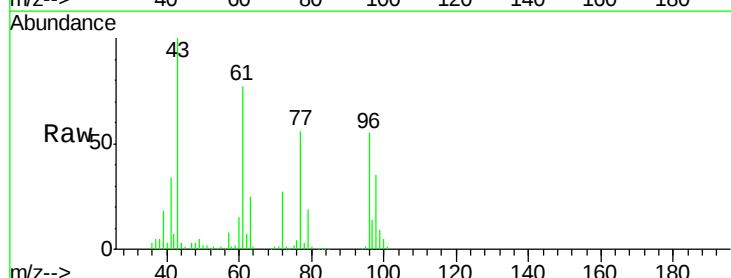
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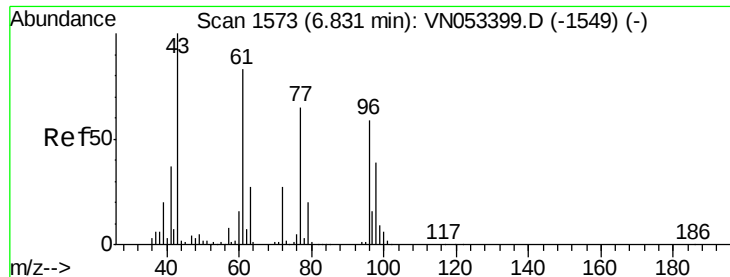
MMDadoda
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#26
 2,2-Dichloropropane
 Concen: 46.645 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Tgt Ion: 77 Resp: 447482
 Ion Ratio Lower Upper
 77 100
 97 24.6 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 52.633 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

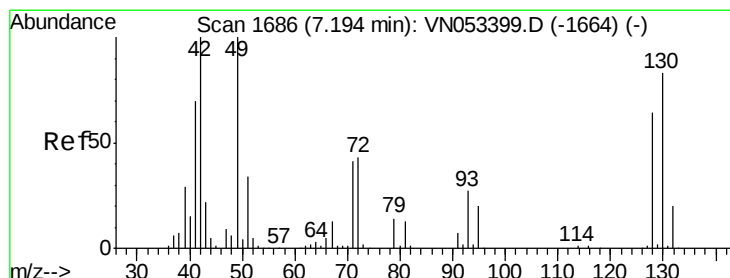
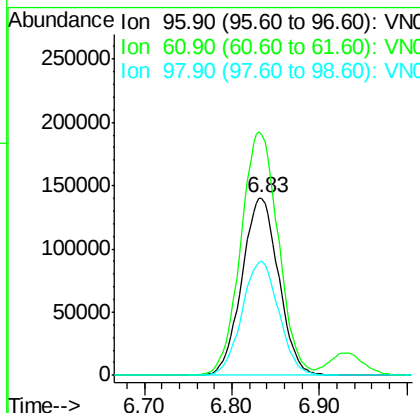
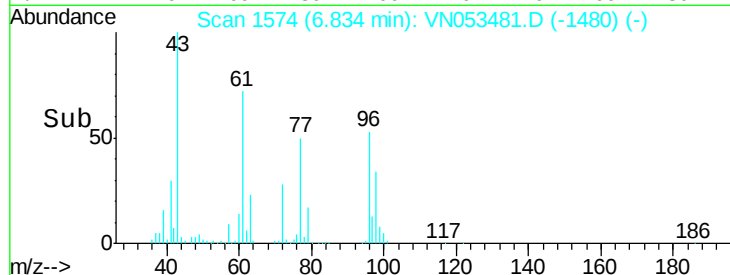
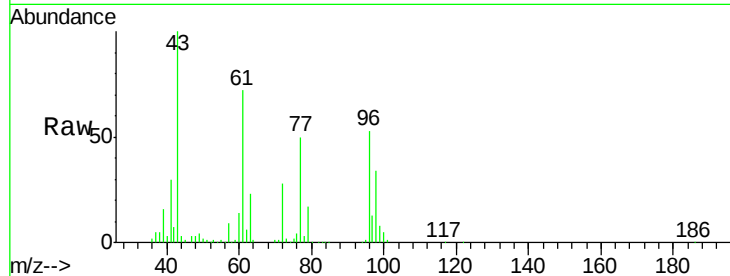
ClientSampleId :

SA-TW521-2327MS

Tot Ion:	96	Resp:	407852
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	283.8
98	64.6	0.0	129.2

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#28

Bromochloromethane

Concen: 53.182 ug/l

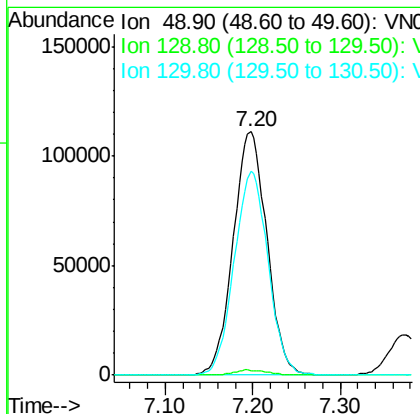
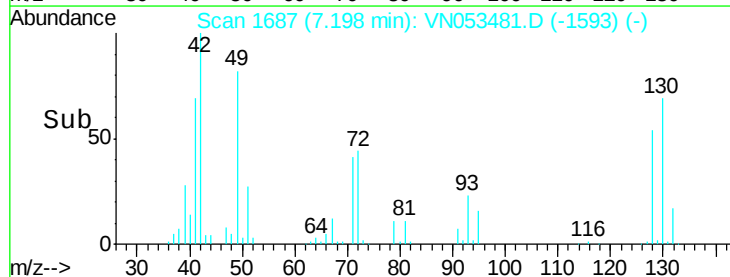
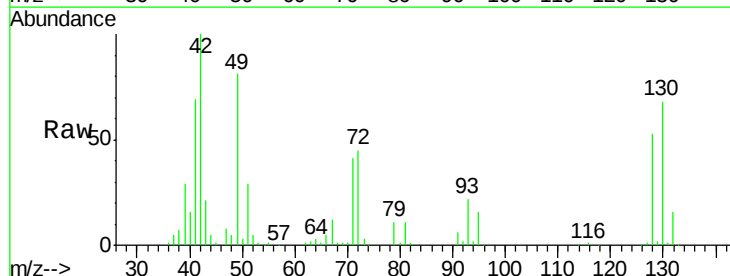
RT: 7.20 min Scan# 1687

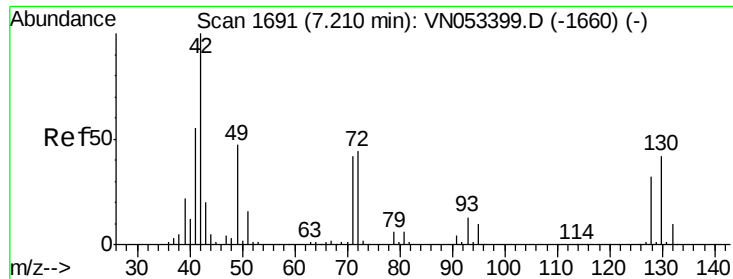
Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Tgt Ion:	49	Resp:	297686
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	84.1	66.3	99.5





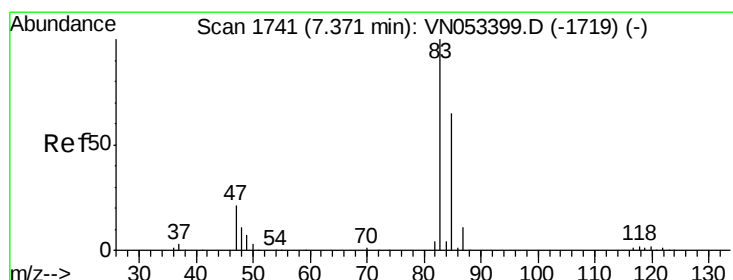
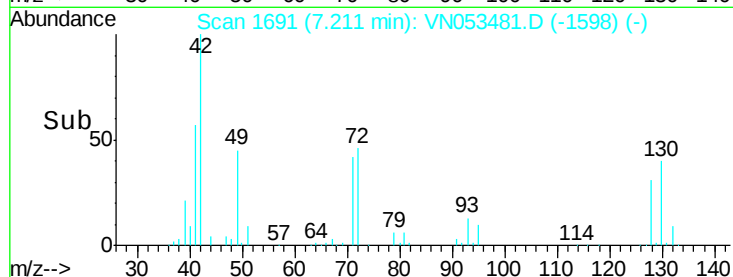
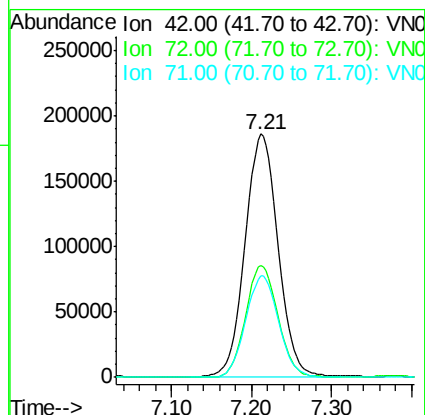
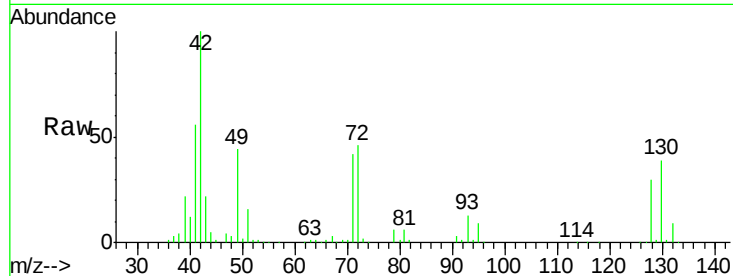
#29
Tetrahydrofuran
Concen: 314.429 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.2	52.8
71	41.6	33.0	49.4

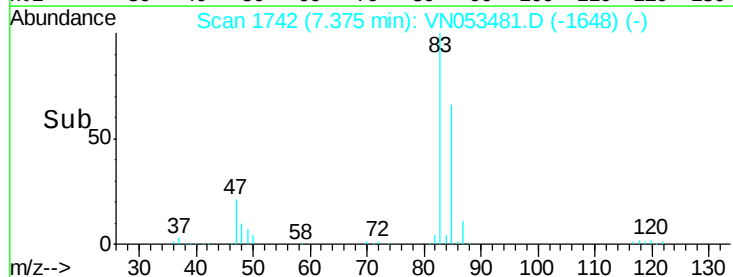
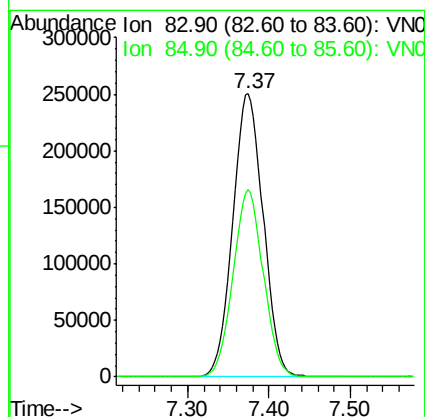
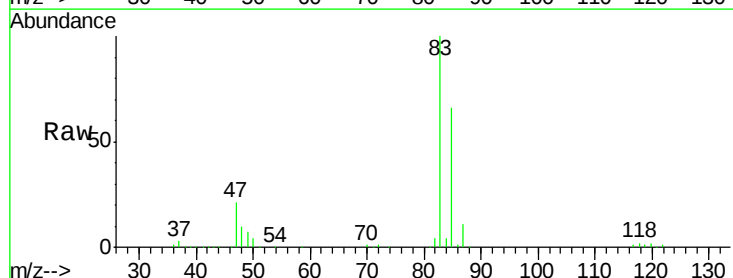
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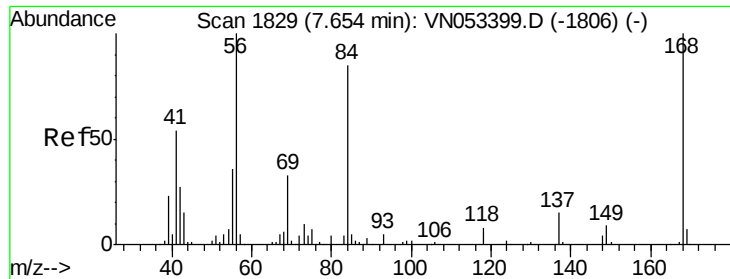
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#30
Chloroform
Concen: 52.756 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.2	78.2





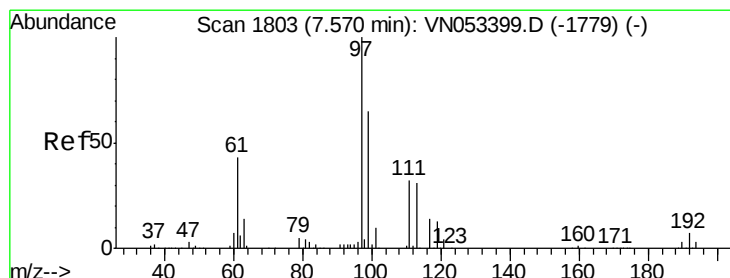
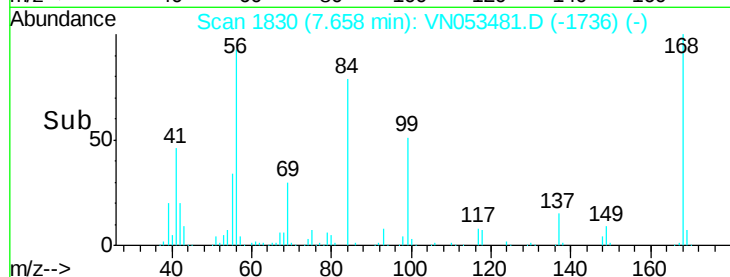
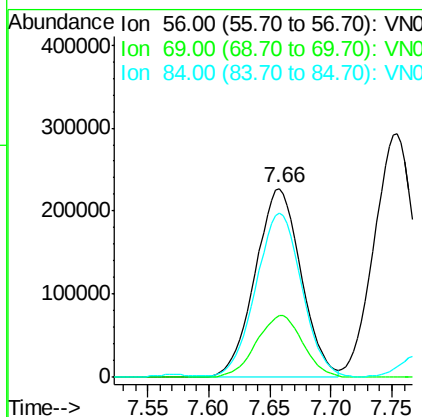
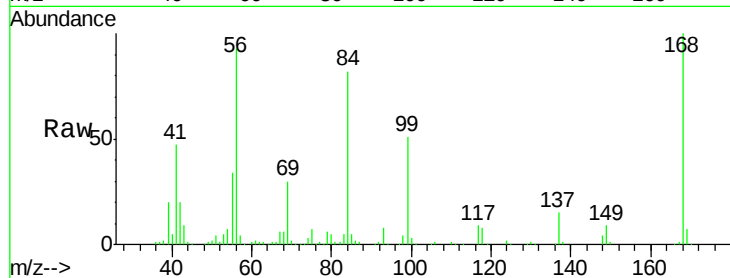
#31
Cyclohexane
Concen: 48.005 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	26.4	39.6
84	86.0	67.9	101.9

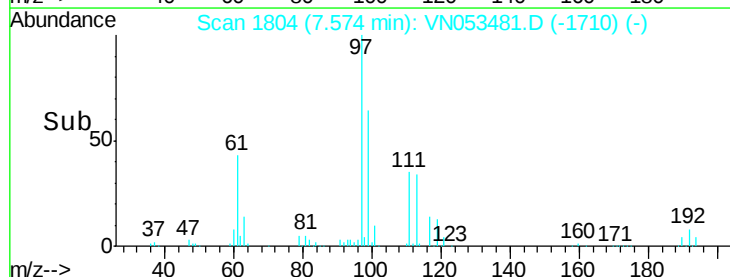
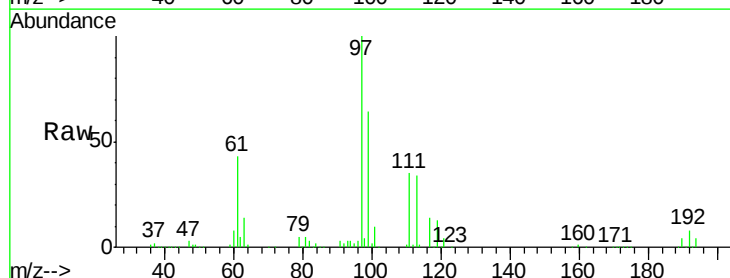
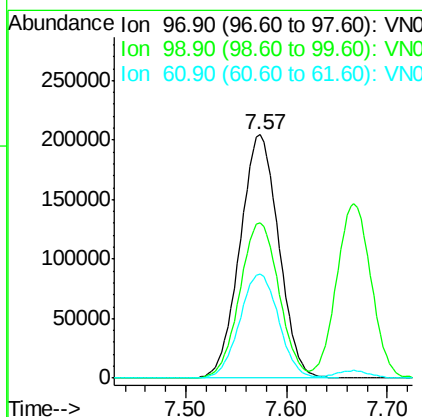
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#32
1,1,1-Trichloroethane
Concen: 51.919 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	43.0	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 51.919 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SA-TW521-2327MS

Tot Ion: 65 Resp: 374763

Ion Ratio Lower Upper

65 100

67 55.6

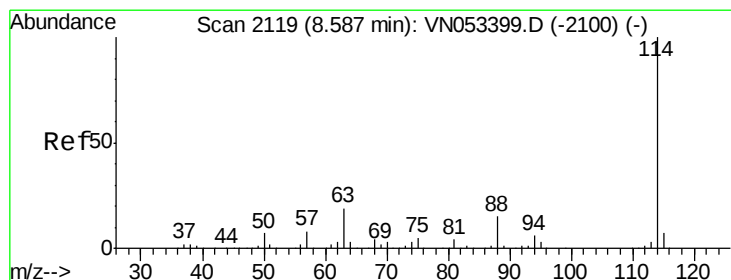
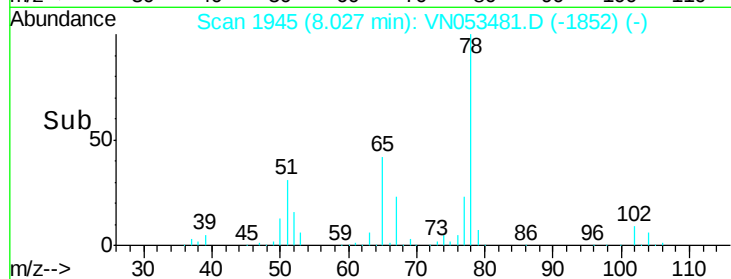
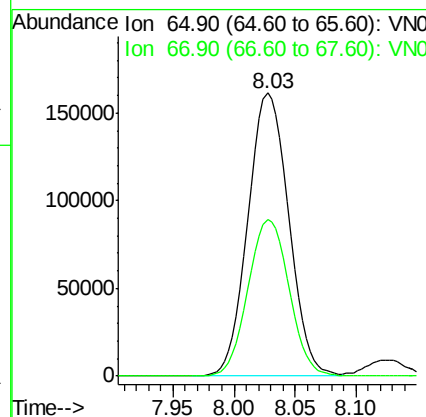
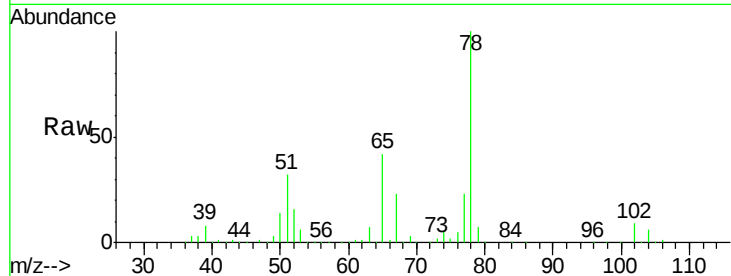
0.0 111.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Tgt Ion: 114 Resp: 1091322

Ion Ratio Lower Upper

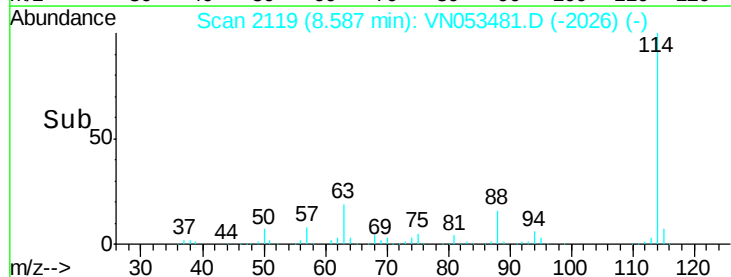
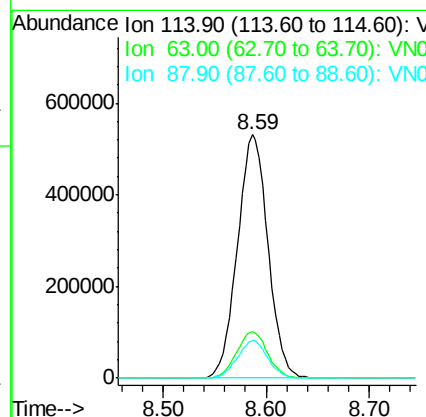
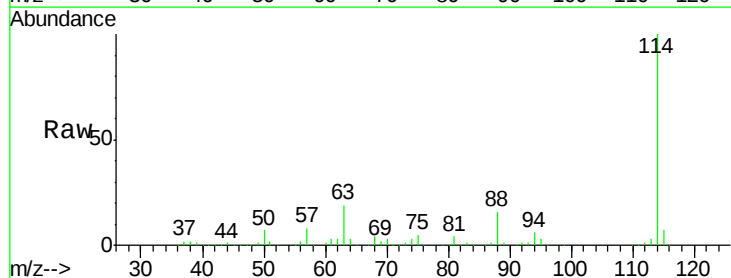
114 100

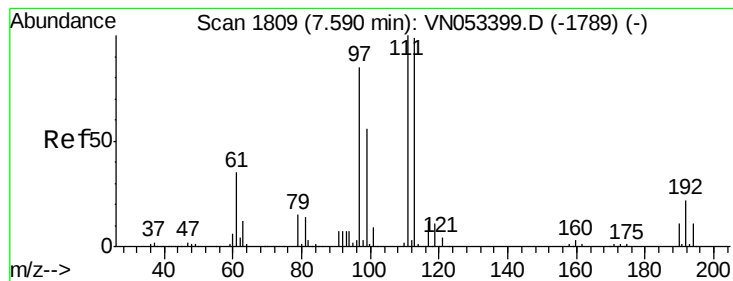
63 19.1

88 15.5

0.0 38.6

0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

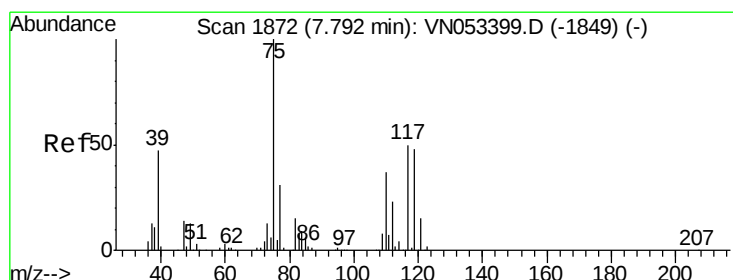
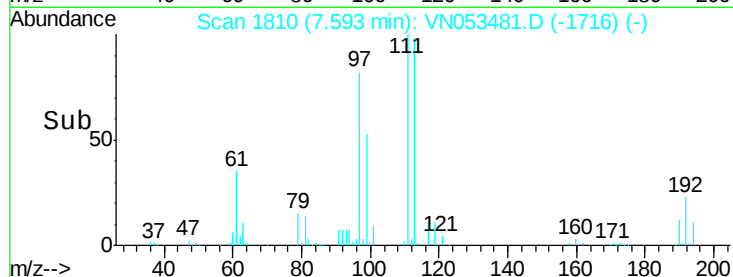
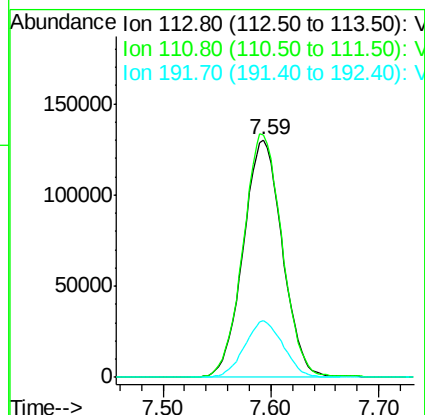
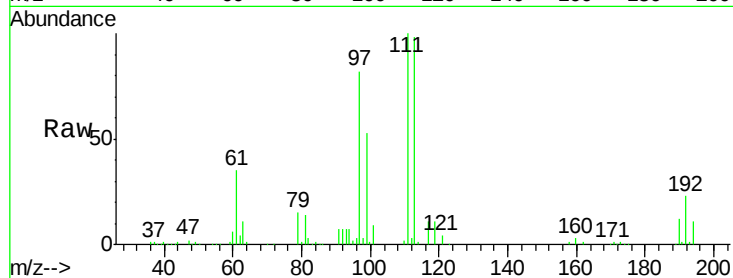
ClientSampleId :

SA-TW521-2327MS

Tot Ion:	113	Resp:	327819
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.1	121.7
192	23.4	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 49.653 ug/l

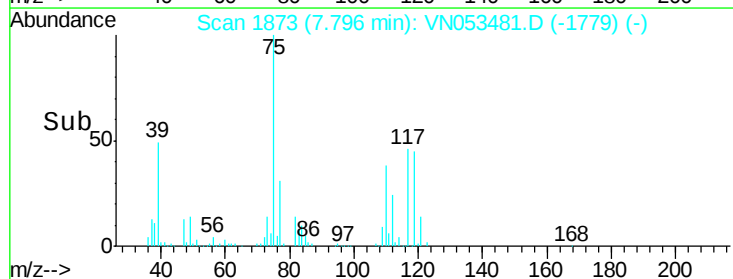
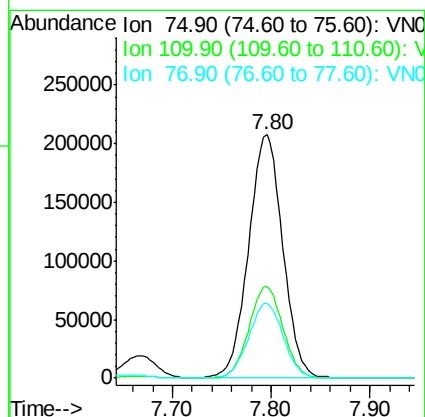
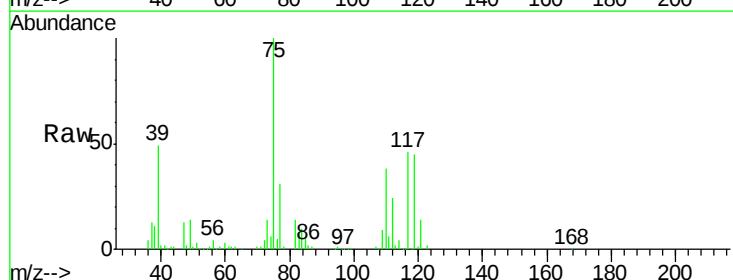
RT: 7.80 min Scan# 1873

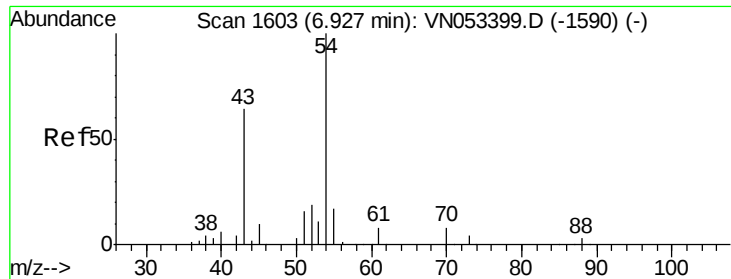
Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Tgt Ion:	75	Resp:	493492
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.1	54.3
77	31.5	25.1	37.7





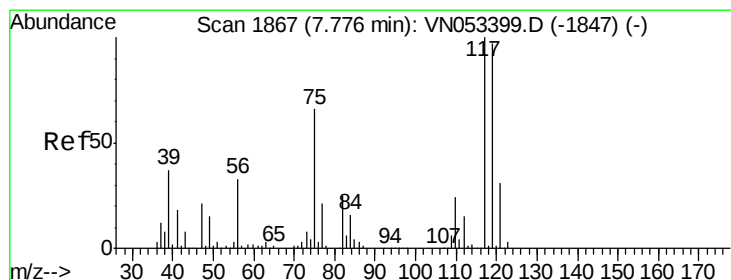
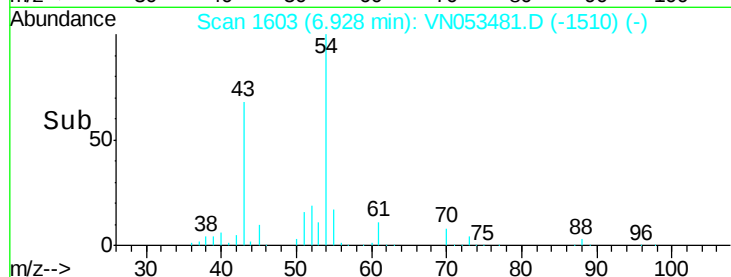
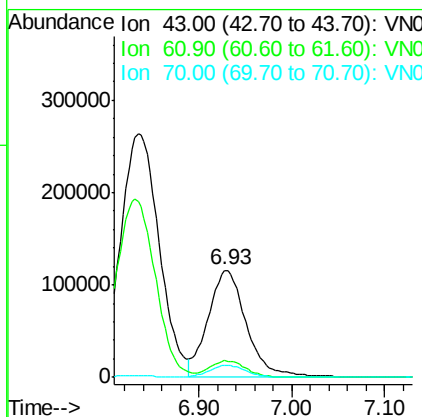
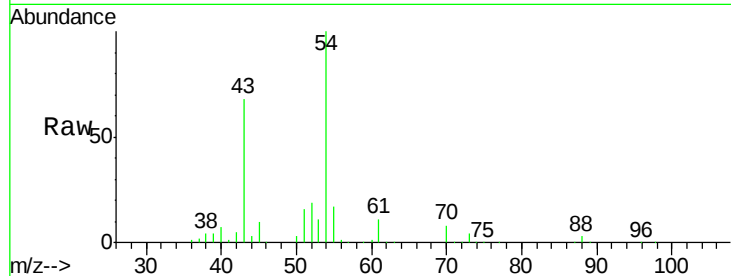
#37
Ethyl Acetate
Concen: 57.171 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.8	17.6
70	11.0	8.6	12.8

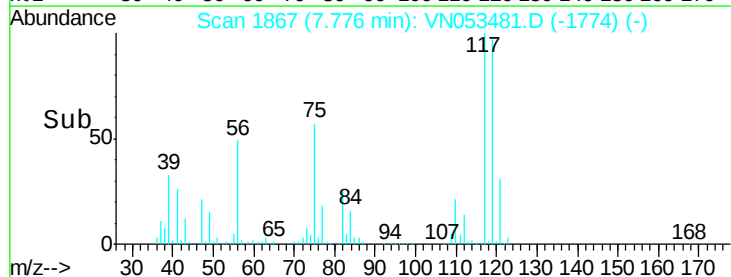
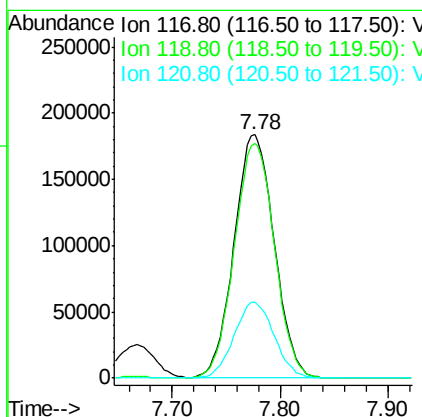
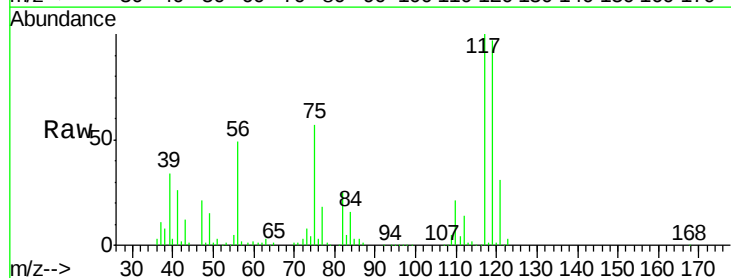
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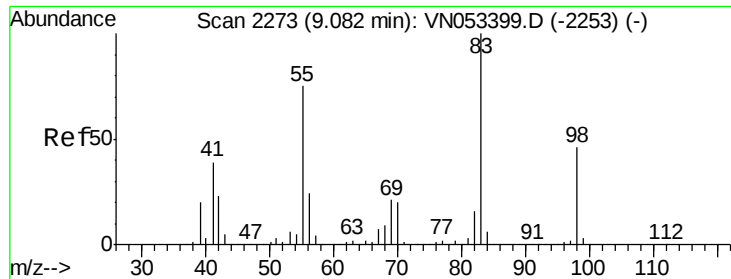
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#38
Carbon Tetrachloride
Concen: 50.304 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
121	31.2	24.6	37.0





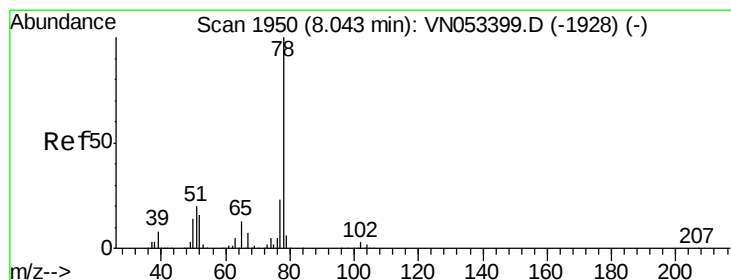
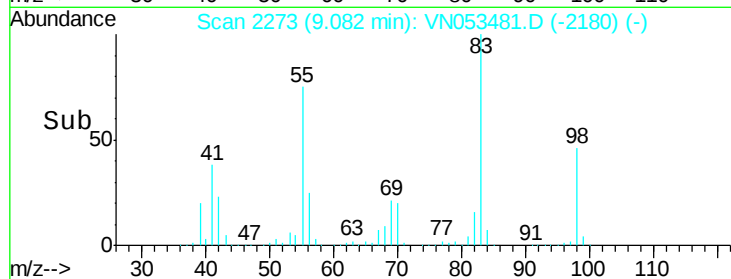
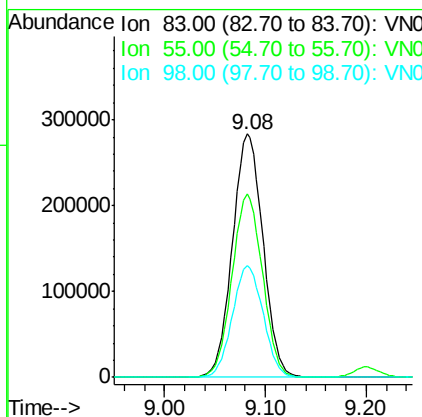
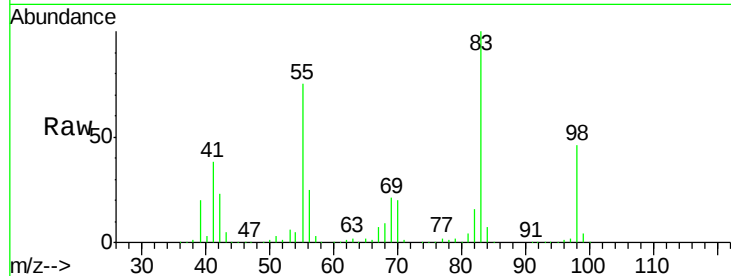
#39
Methvlcvclohexane
Concen: 48.501 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion	83.00	Resp	595796
Ion Ratio	100	Lower	Upper
83	100		
55	75.2	60.1	90.1
98	46.1	36.6	55.0

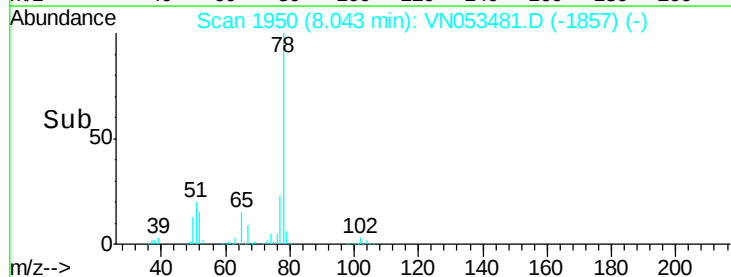
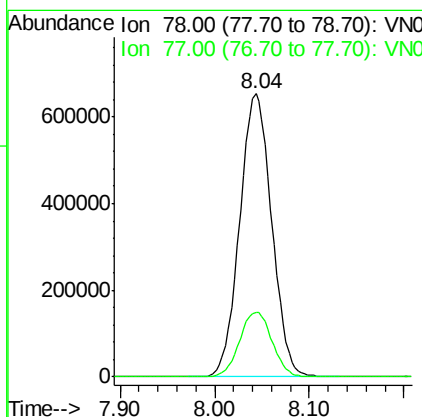
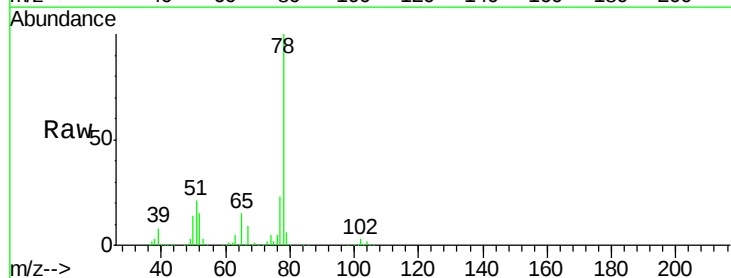
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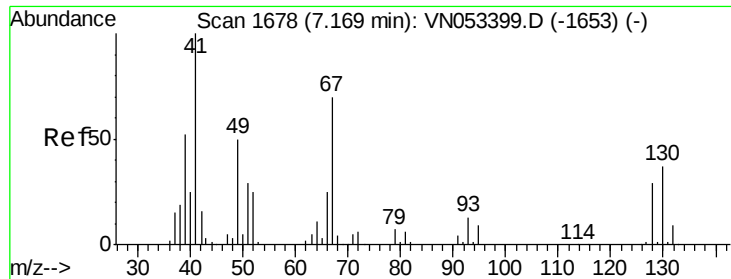
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#40
Benzene
Concen: 50.783 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	78.00	Resp	1533762
Ion Ratio	100	Lower	Upper
78	100		
77	22.9	18.8	28.2





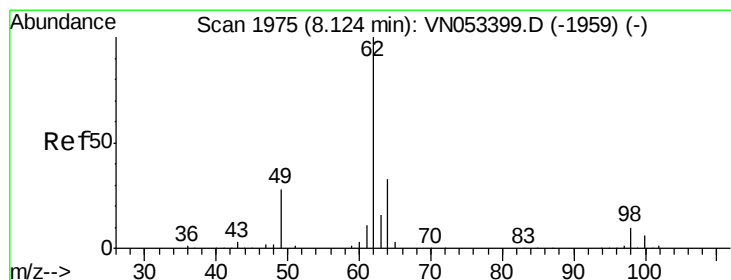
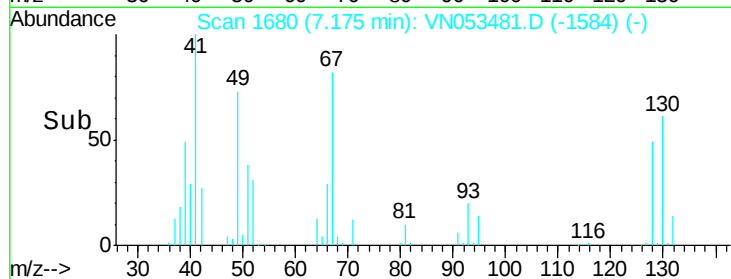
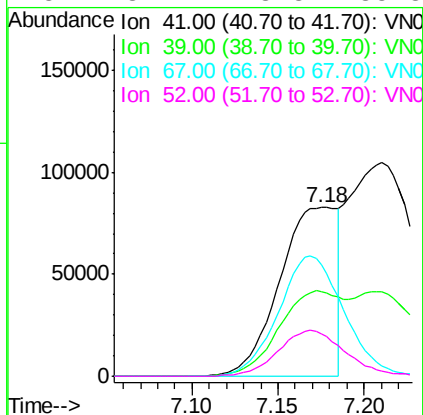
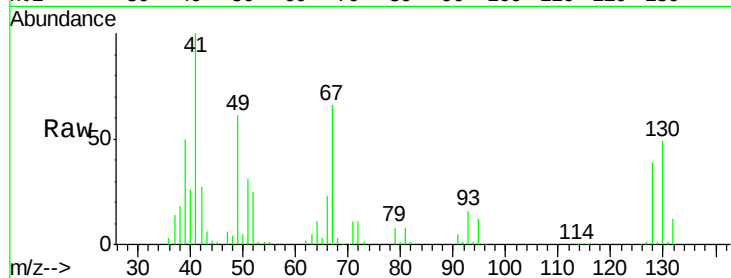
#41
Methacrylonitrile
Concen: 56.738 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		193091		
39	57.5	46.8	70.2		
67	81.6	63.0	94.6		
52	31.1	23.8	35.8		

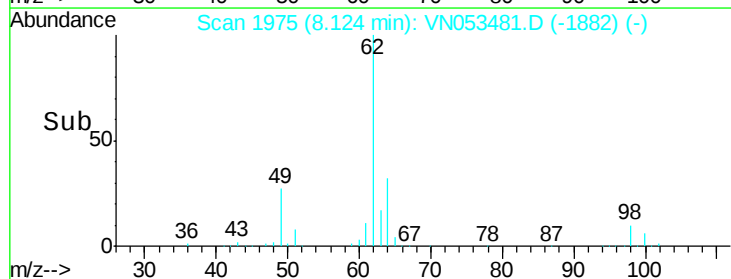
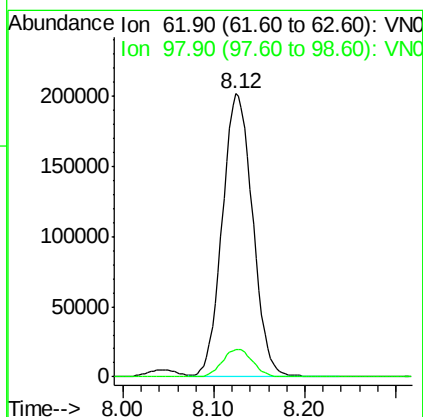
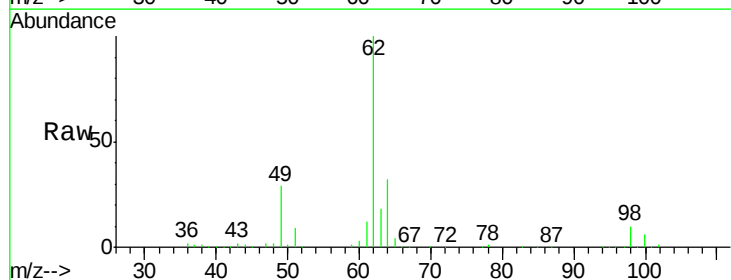
Manual Integrations
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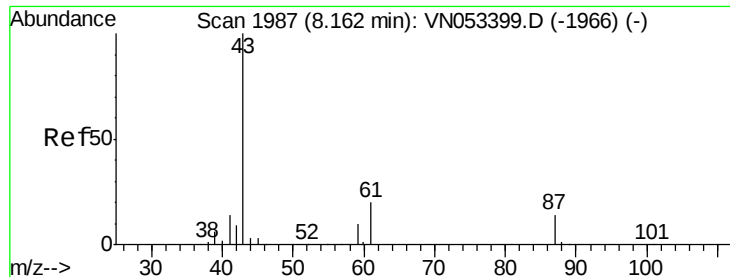
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#42
1,2-Dichloroethane
Concen: 53.089 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		467115		
98	9.8	0.0	19.6		





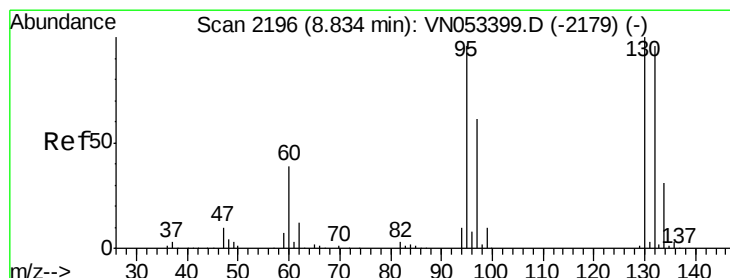
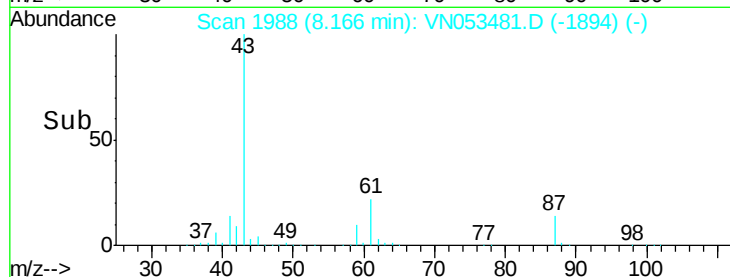
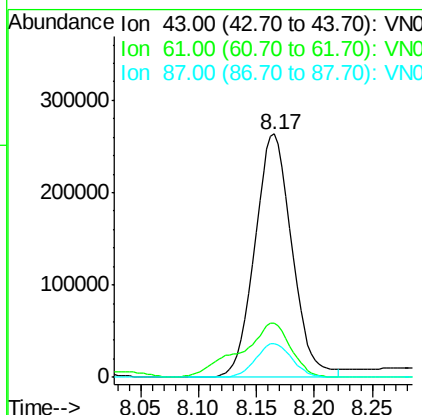
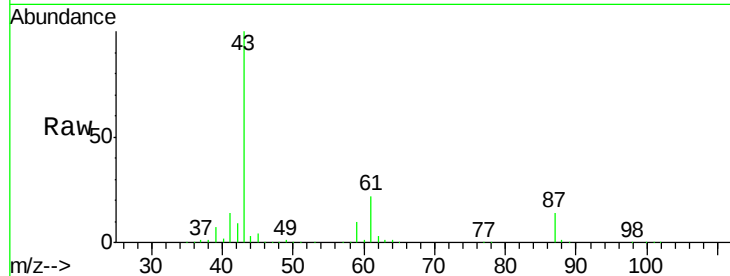
#43
Isopropyl Acetate
Concen: 56.921 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.9	35.9
87	13.6	11.0	16.6

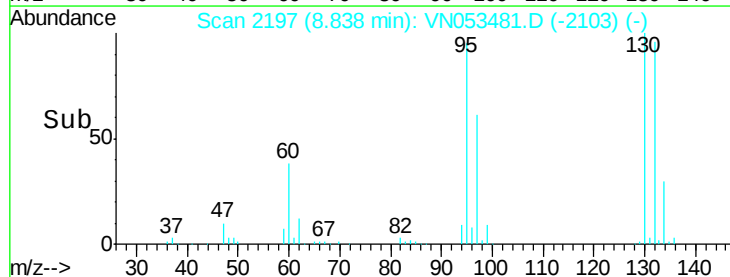
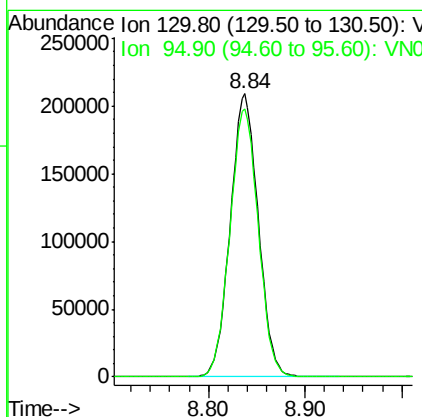
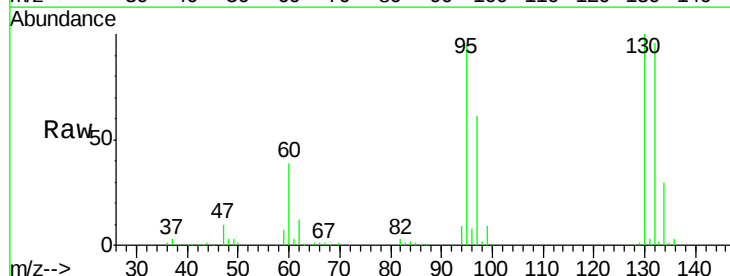
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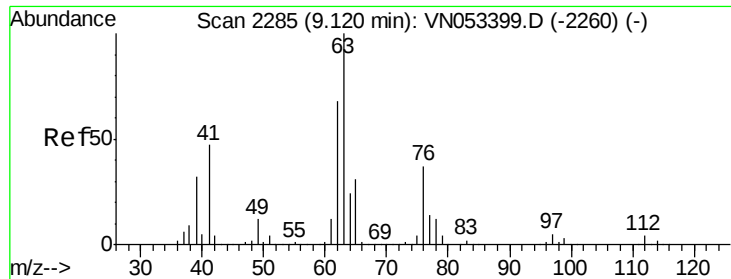
MMDadoda
1/21/2019 10:48:31 AM



#44
Trichloroethene
Concen: 50.152 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	191.4





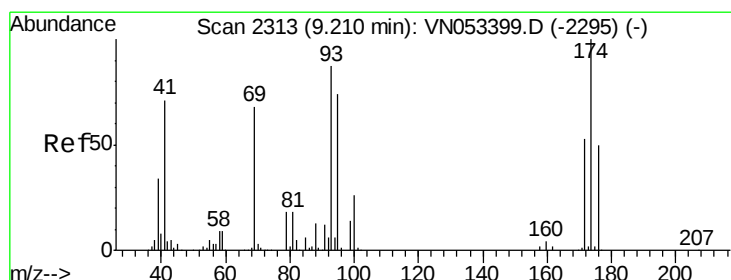
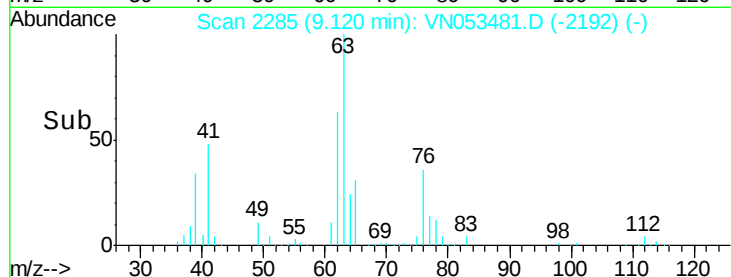
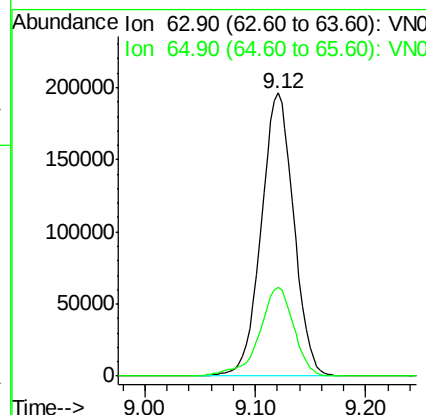
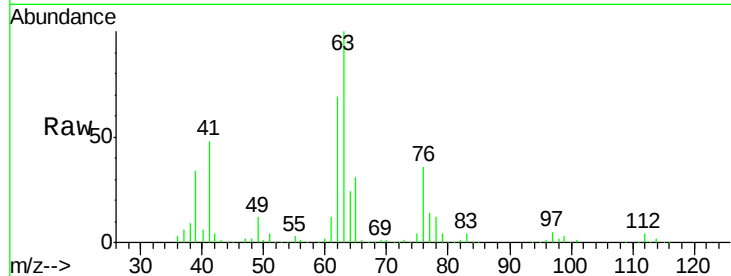
#45
 1,2-Dichloropropane
 Concen: 50.195 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MS

Tot Ion: 63 Resp: 401541
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4

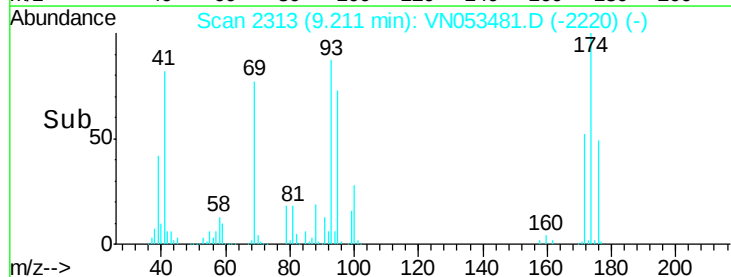
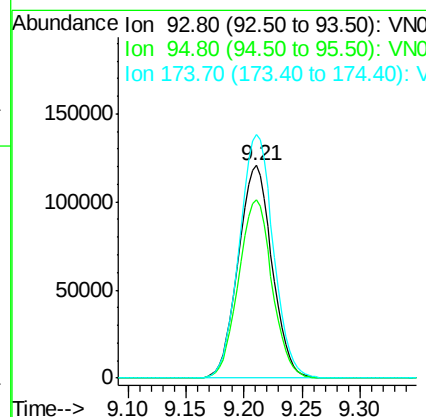
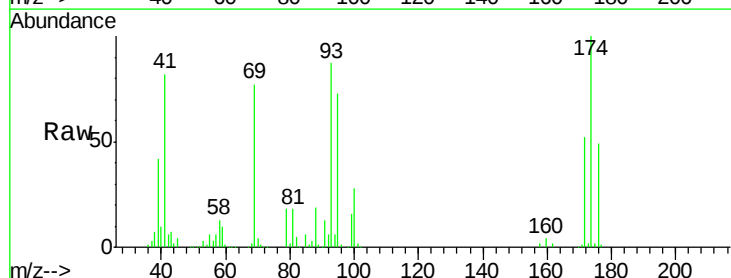
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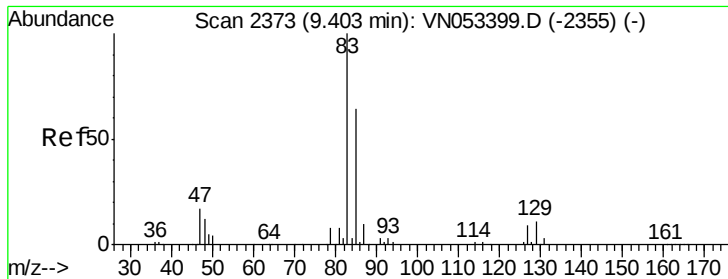
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 1/21/2019 10:48:31 AM



#46
 Dibromomethane
 Concen: 53.210 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Tgt Ion: 93 Resp: 244557
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.3 100.9
 174 115.0 91.0 136.4





#47

Bromodichloromethane

Concen: 52.245 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

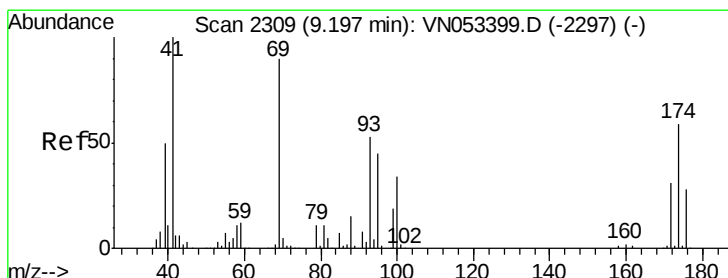
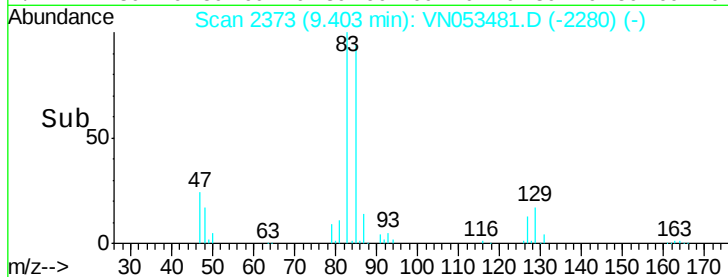
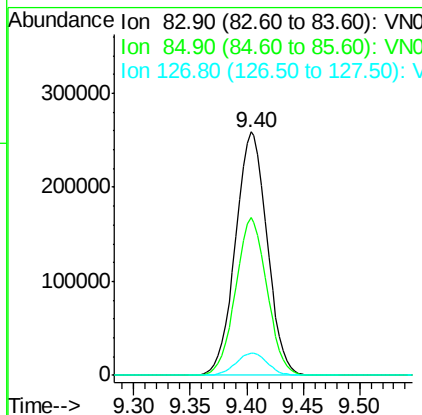
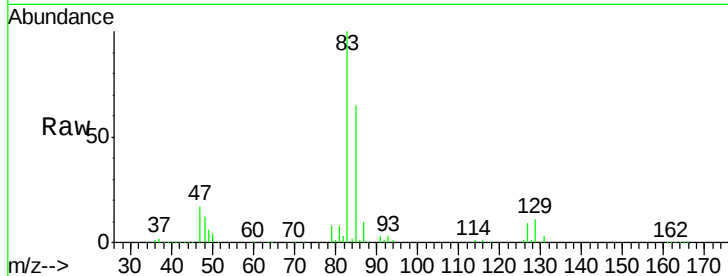
ClientSampleId :

SA-TW521-2327MS

Tot Ion:	83	Resp:	504972
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.0	76.6
127	9.2	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.455 ug/l

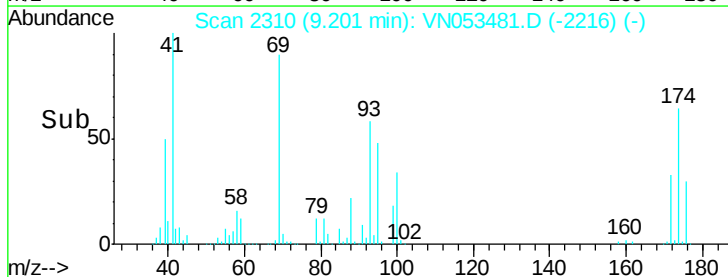
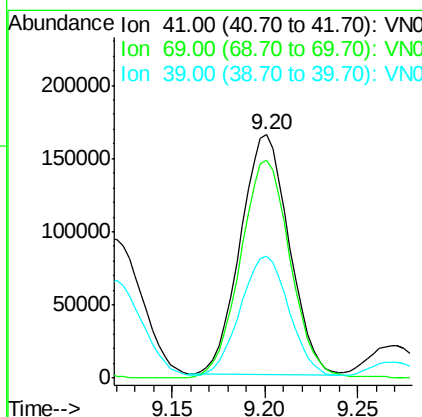
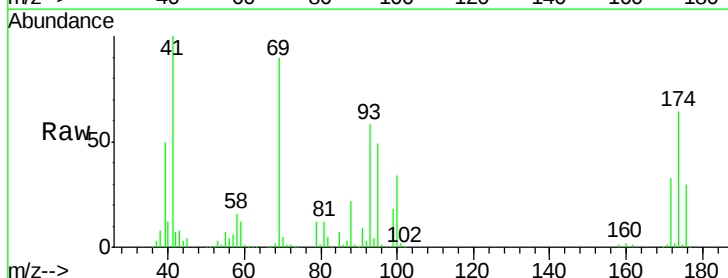
RT: 9.20 min Scan# 2310

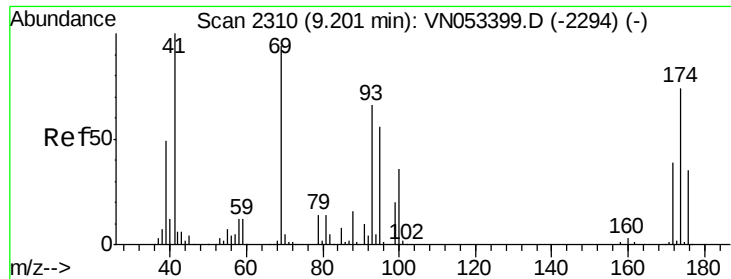
Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Tgt Ion:	41	Resp:	299707
Ion Ratio	Lower	Upper	
41	100		
69	93.5	73.8	110.6
39	52.1	40.0	60.0





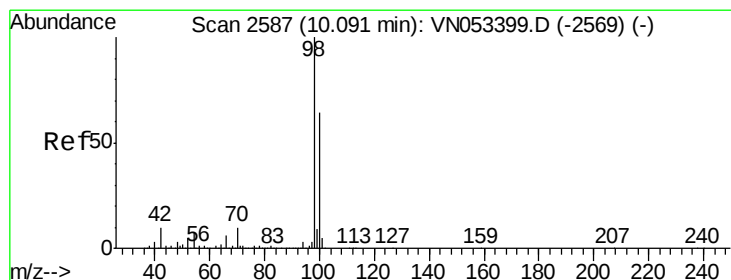
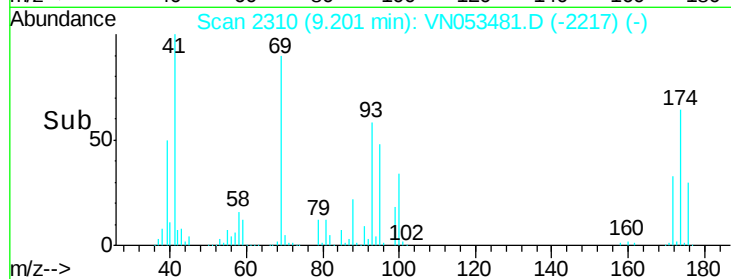
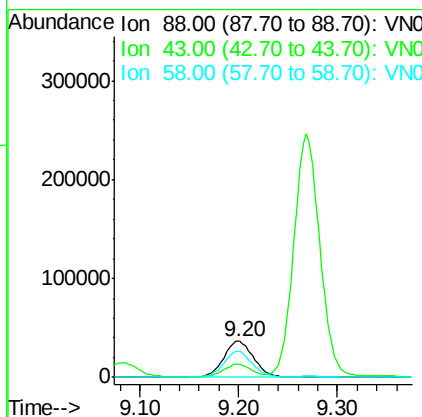
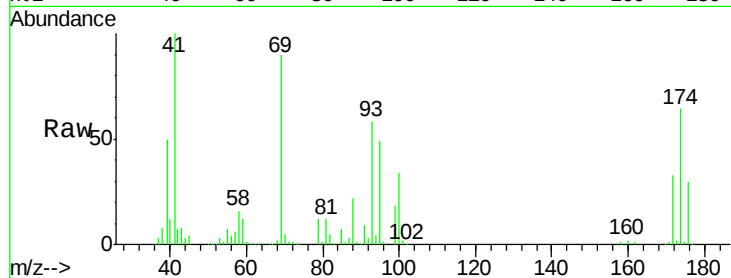
#49
1,4-Dioxane
Concen: 1498.967 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion	88	Resp	77716
Ion	Ratio	Lower	Upper
88	100		
43	32.5	27.8	41.6
58	69.2	56.5	84.7

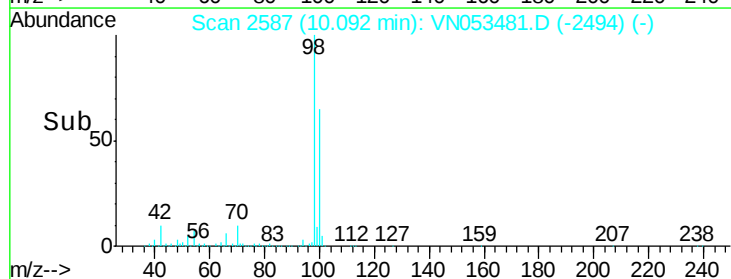
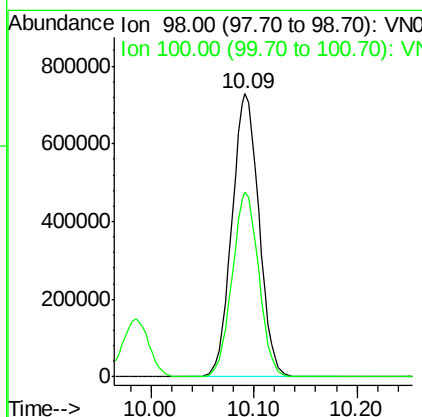
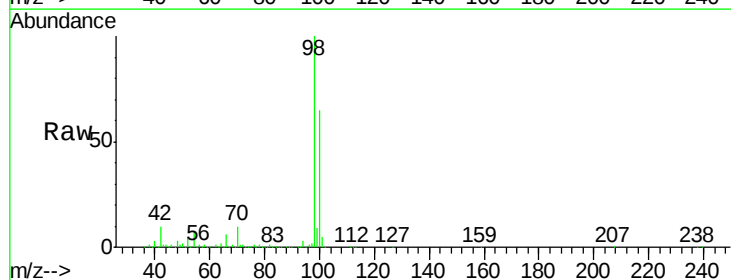
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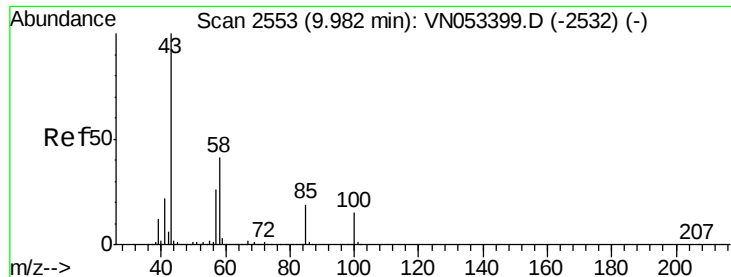
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#50
Toluene-d8
Concen: 1498.967 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	98	Resp	1329968
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0





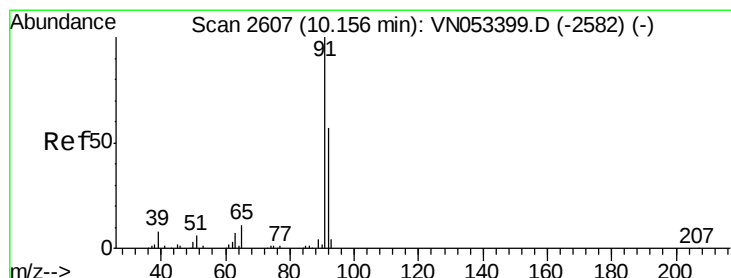
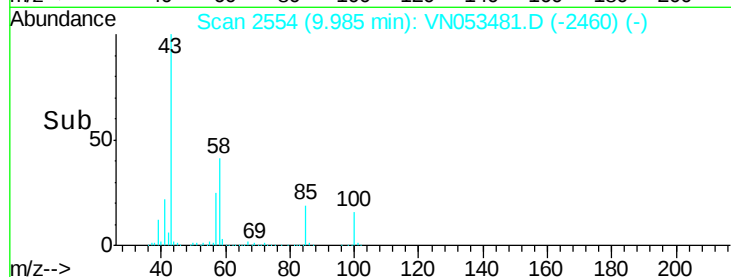
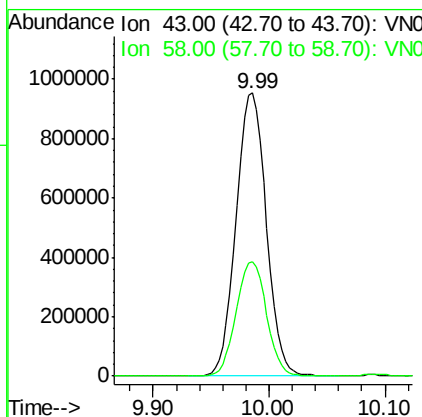
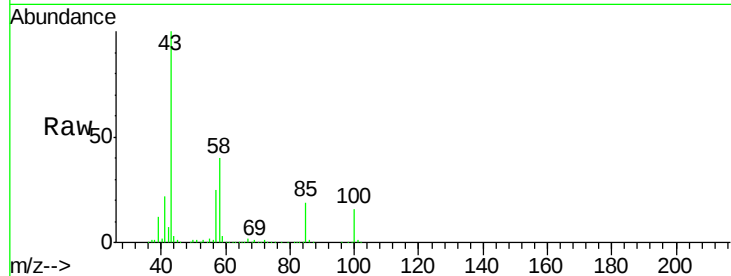
#51
4-Methyl-2-Pentanone
Concen: 307.586 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion: 43 Resp: 1726407
Ion Ratio Lower Upper
43 100
58 40.7 32.8 49.2

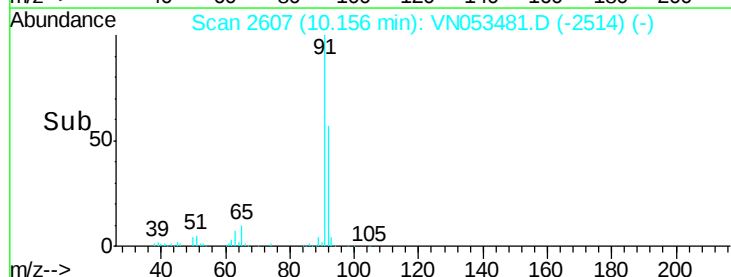
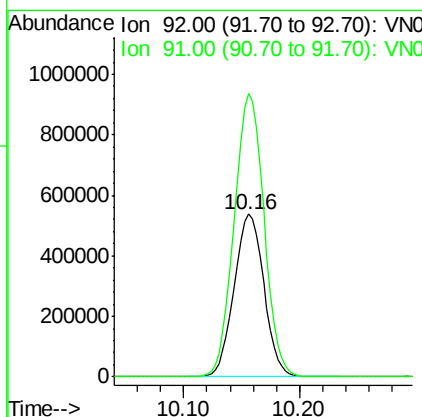
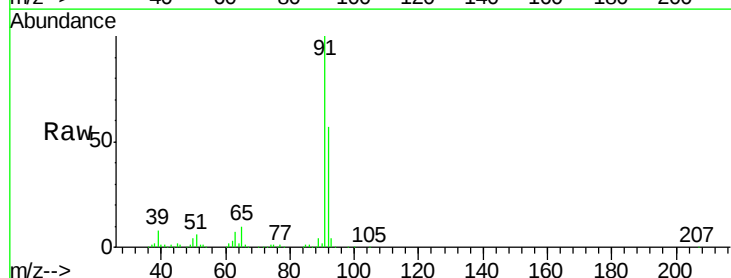
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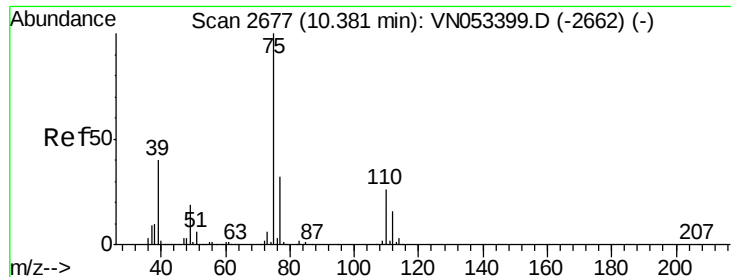
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#52
Toluene
Concen: 50.883 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion: 92 Resp: 954064
Ion Ratio Lower Upper
92 100
91 175.0 139.9 209.9





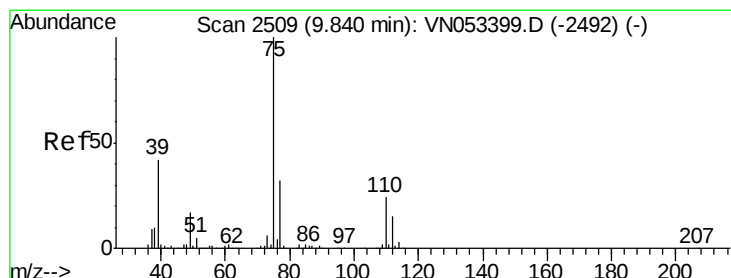
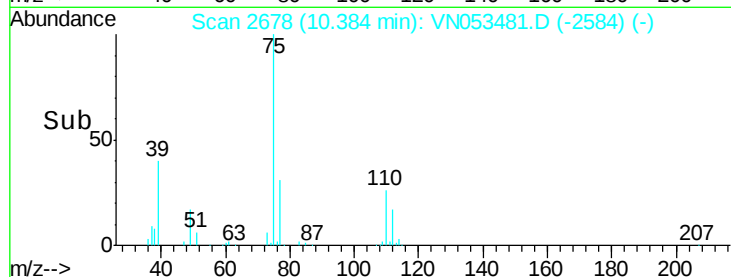
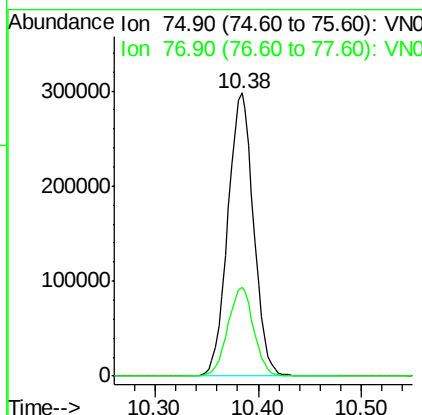
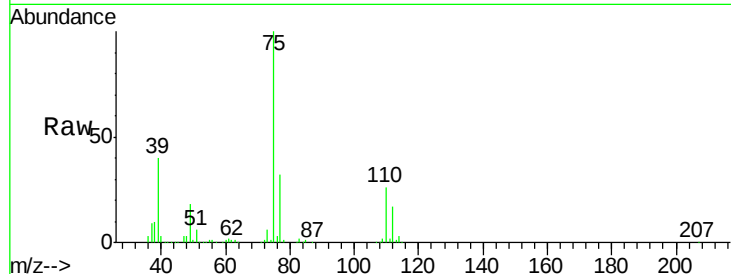
#53
 t-1,3-Dichloropropene
 Concen: 52.836 ug/l
 RT: 10.38 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MS

Tot Ion: 75 Resp: 517637
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3

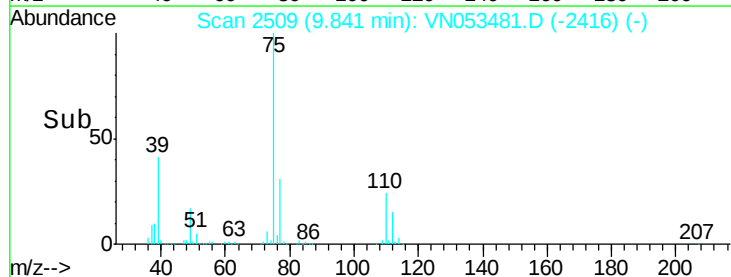
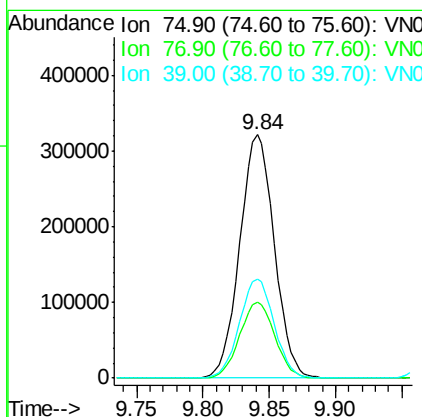
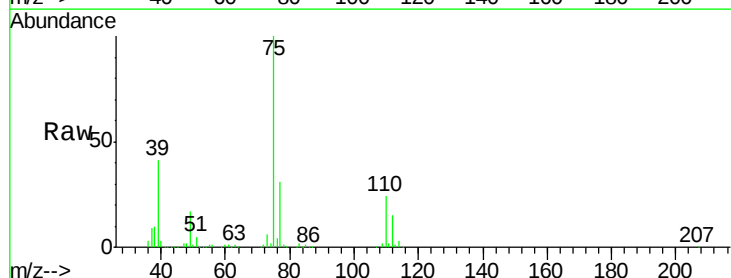
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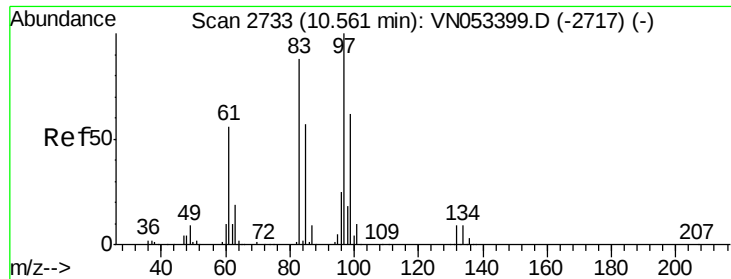
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#54
 cis-1,3-Dichloropropene
 Concen: 50.637 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Tgt Ion: 75 Resp: 581547
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.6
 39 40.9 33.4 50.0





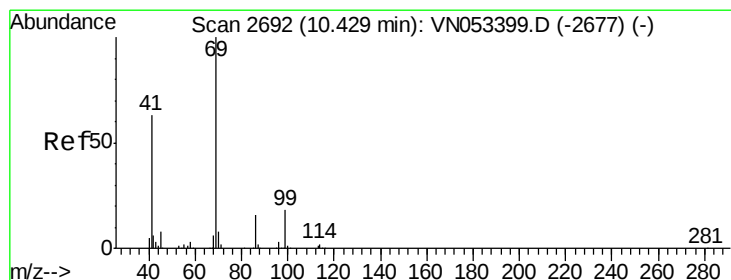
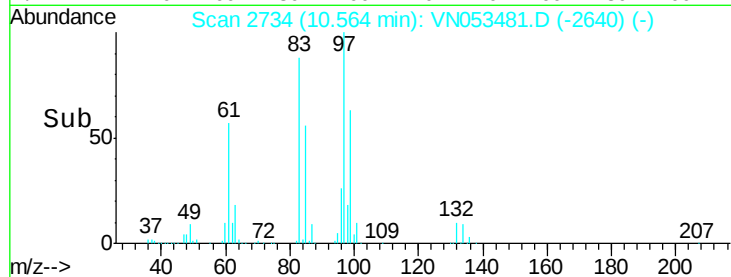
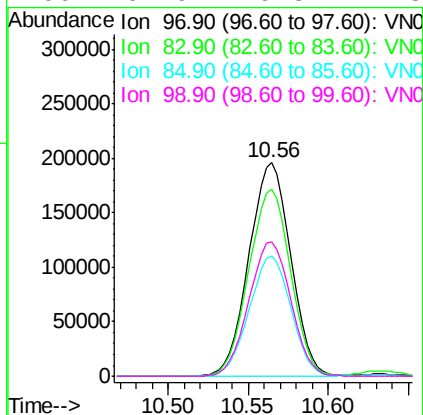
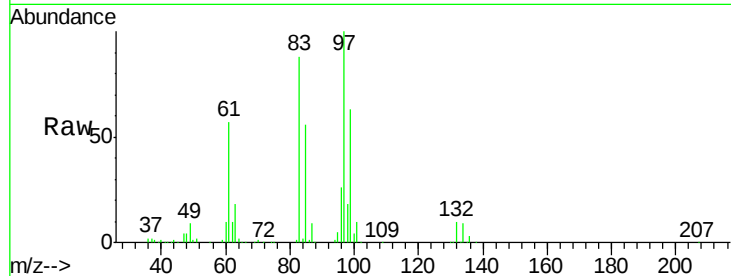
#55
1,1,2-Trichloroethane
Concen: 54.352 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		351354		
83	87.6	70.1	105.1		
85	56.5	45.4	68.0		
99	62.9	49.8	74.8		

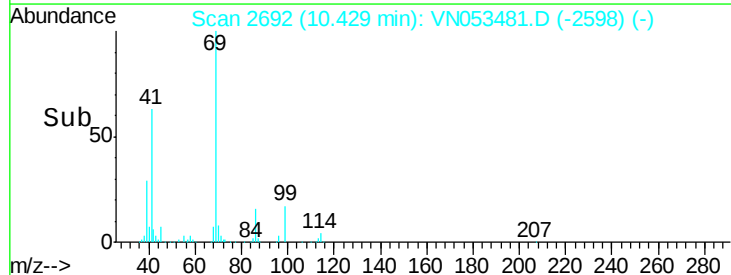
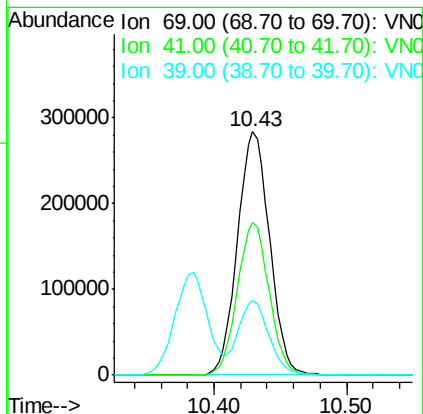
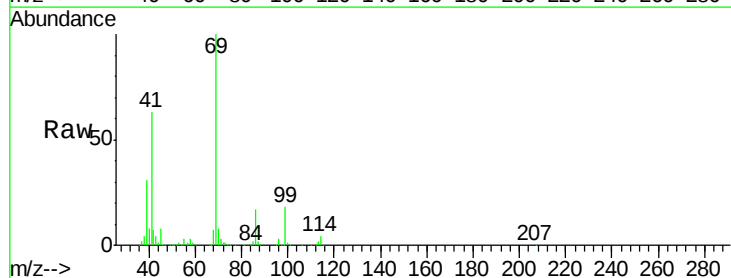
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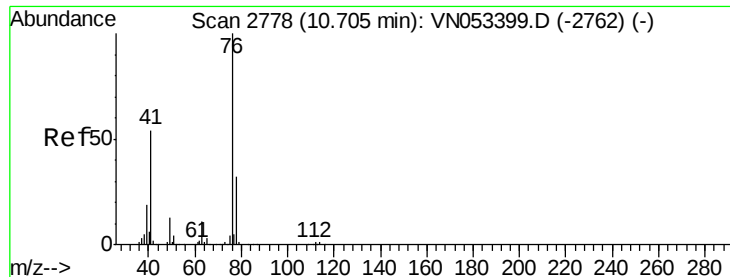
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#56
Ethyl methacrylate
Concen: 52.020 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		478033		
41	61.7	49.4	74.0		
39	29.4	23.3	34.9		





#57

1,3-Dichloropropane

Concen: 53.962 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SA-TW521-2327MS

Tot Ion: 76 Resp: 603441

Ion Ratio Lower Upper

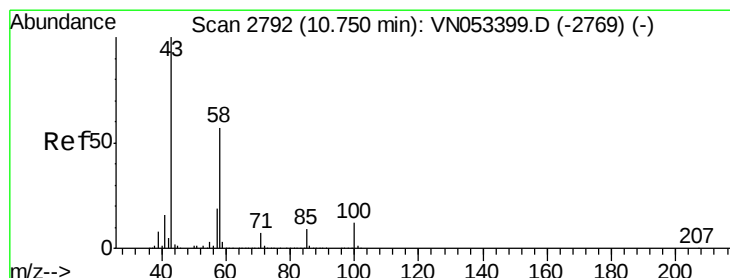
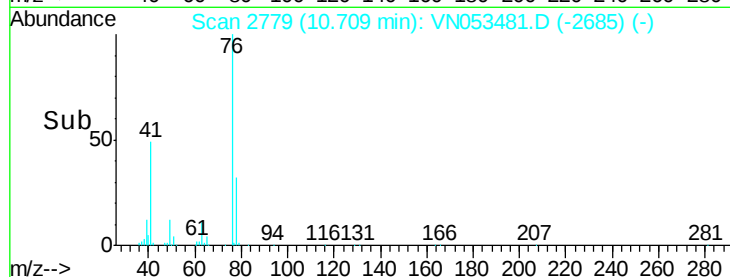
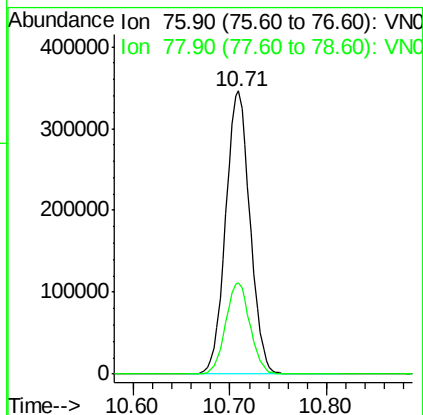
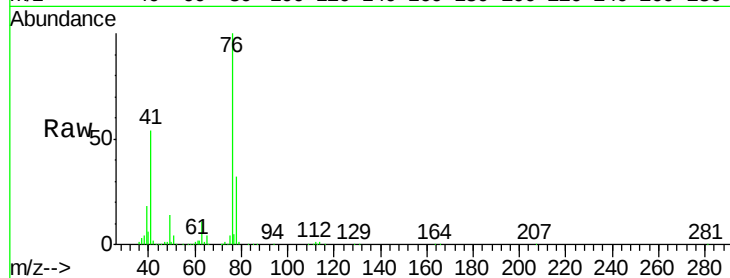
76 100

78 32.4 25.6 38.4

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#59

2-Hexanone

Concen: 301.398 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN053481.D

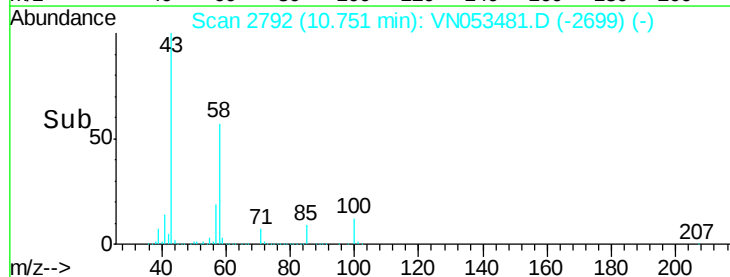
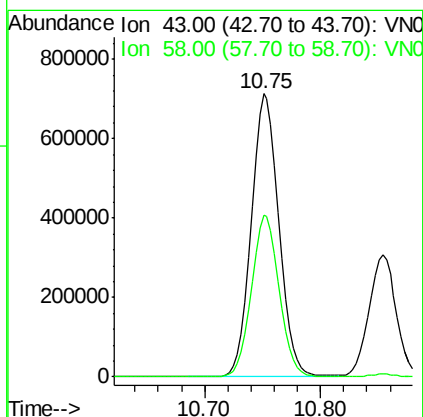
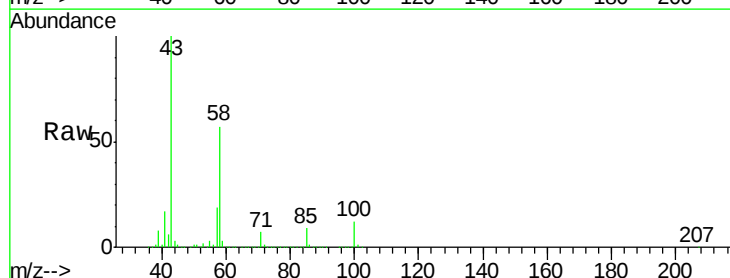
Acq: 18 Jan 2019 19:17

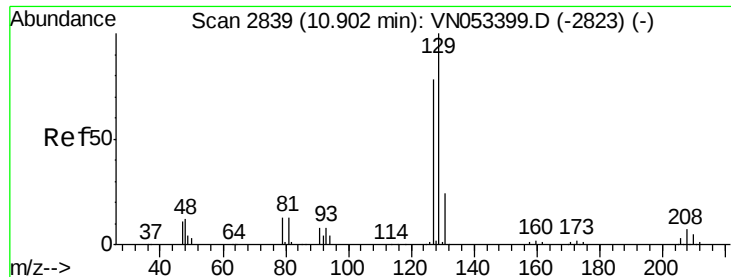
Tgt Ion: 43 Resp: 1187538

Ion Ratio Lower Upper

43 100

58 57.3 28.6 85.8





#60

Dibromochloromethane

Concen: 54.046 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SA-TW521-2327MS

Tot Ion:129 Resp: 396268

Ion Ratio Lower Upper

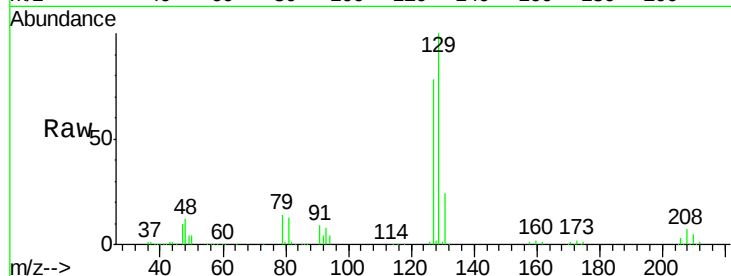
129 100

127 77.6 38.6 115.8

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.90

250000

200000

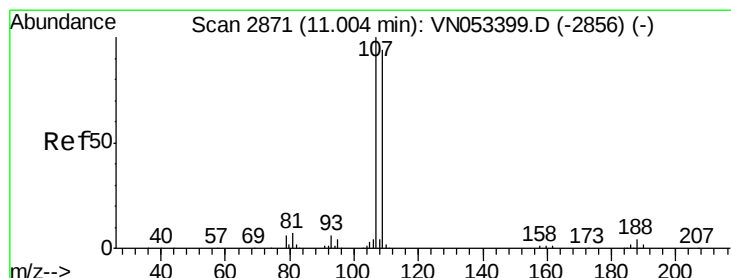
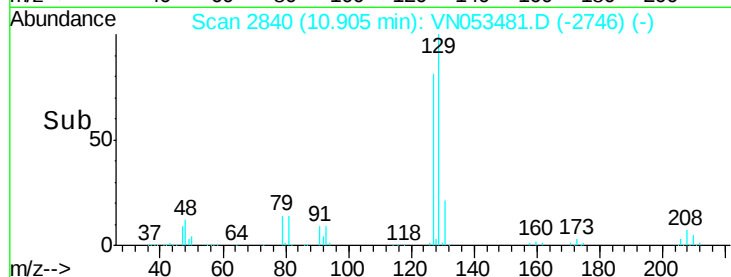
150000

100000

50000

0

Time--> 10.80 10.90 11.00



#61

1,2-Dibromoethane

Concen: 54.464 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053481.D

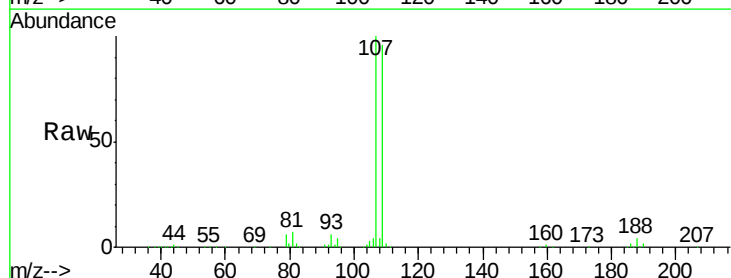
Acq: 18 Jan 2019 19:17

Tgt Ion:107 Resp: 356074

Ion Ratio Lower Upper

107 100

109 94.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

200000

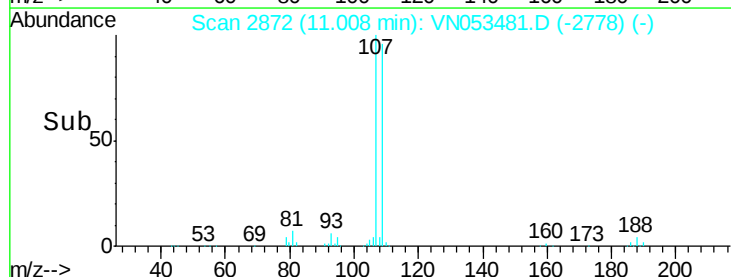
150000

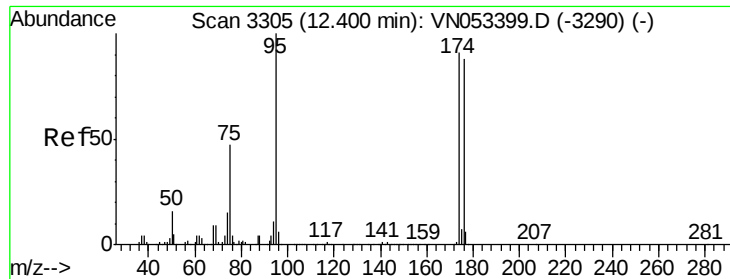
100000

50000

0

Time--> 10.90 11.00 11.10





#62

4-Bromofluorobenzene

Concen: 54.464 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

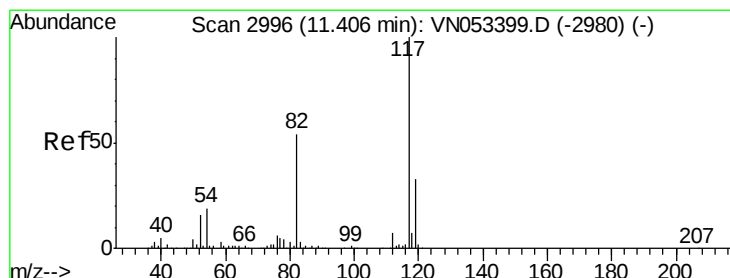
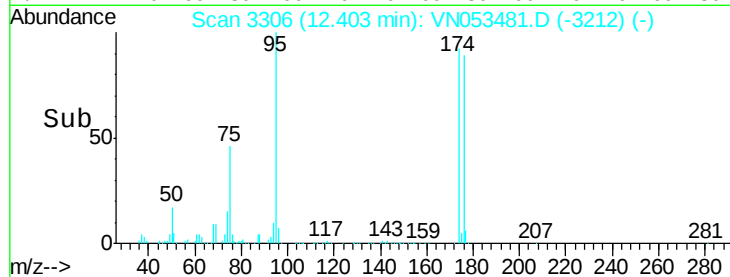
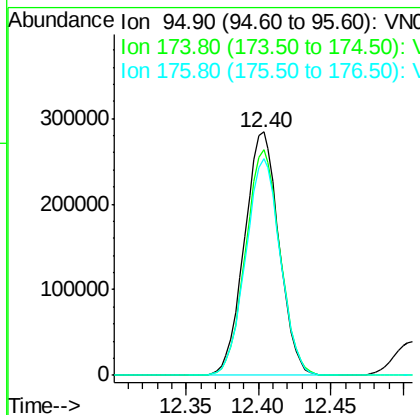
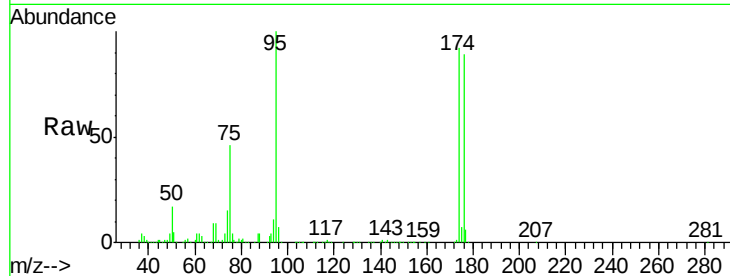
ClientSampleId :

SA-TW521-2327MS

Tot Ion:	95	Resp:	471124
Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	183.2
176	89.4	0.0	177.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

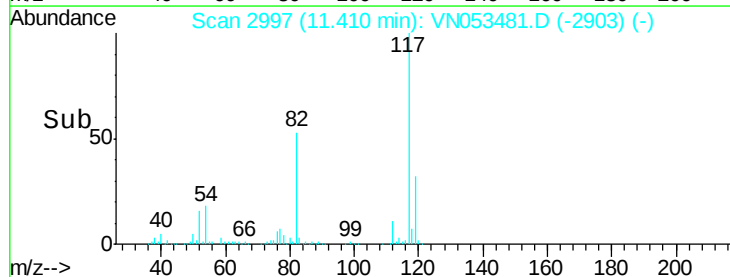
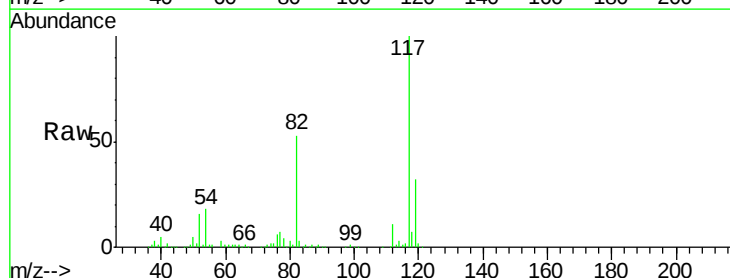
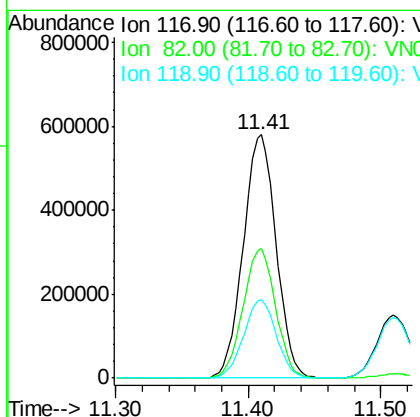
RT: 11.41 min Scan# 2997

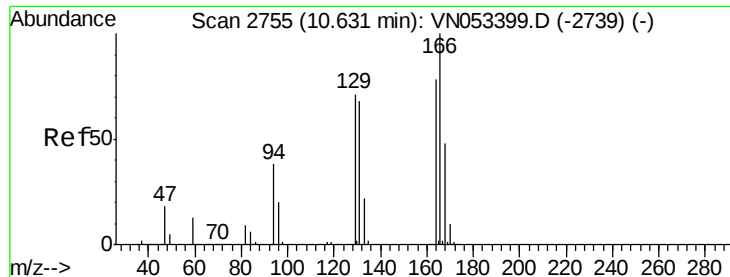
Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Tgt Ion:	117	Resp:	998360
Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.9	64.3
119	32.2	26.0	39.0





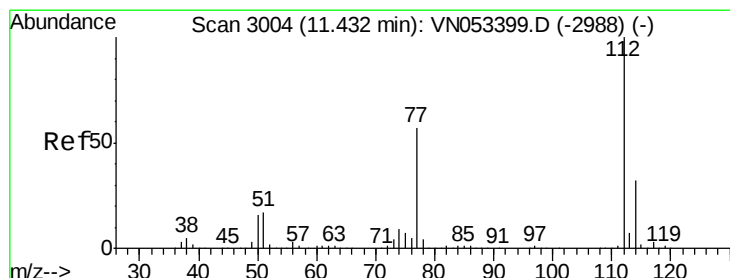
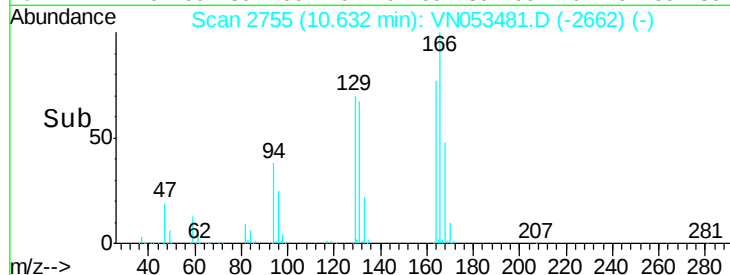
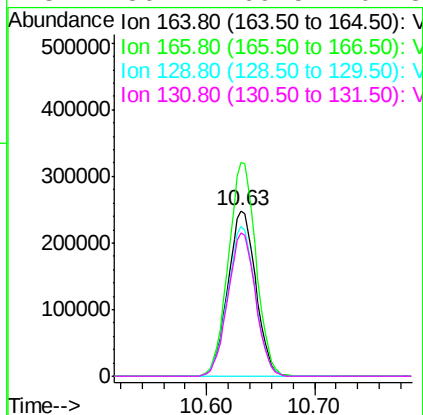
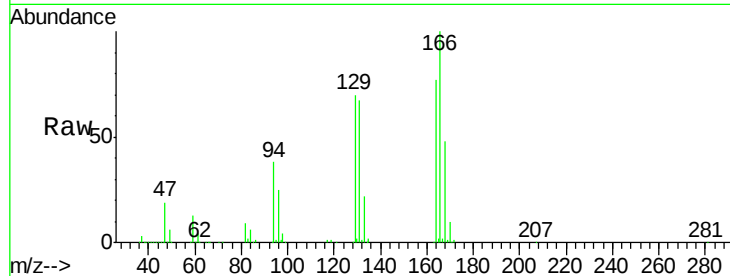
#64
Tetrachloroethene
Concen: 47.351 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.2	102.2	153.4
129	90.7	72.6	109.0
131	86.7	69.5	104.3

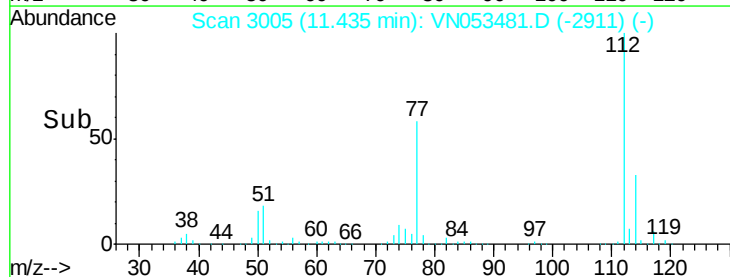
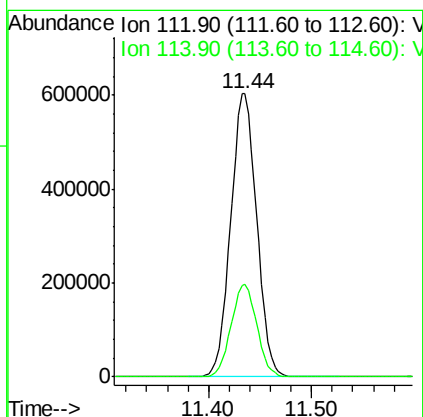
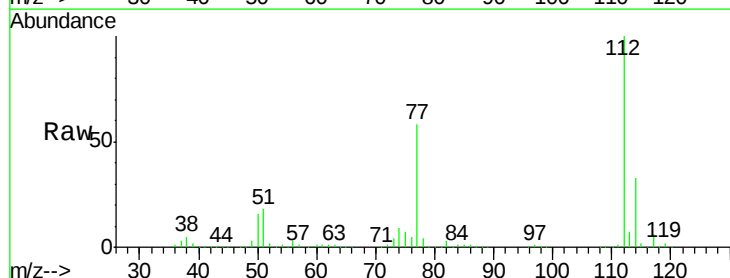
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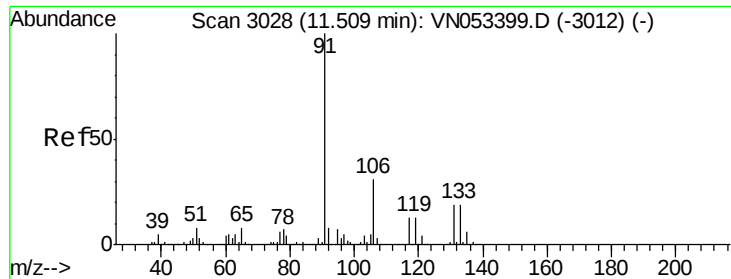
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#65
Chlorobenzene
Concen: 50.149 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 51.539 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

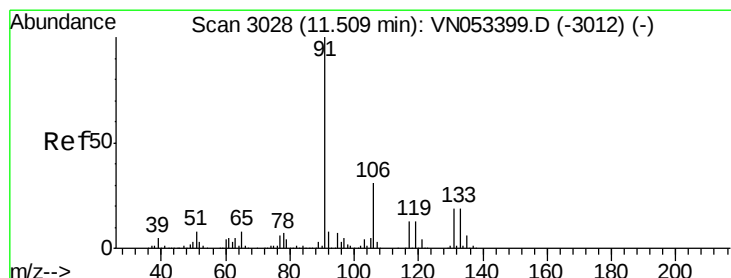
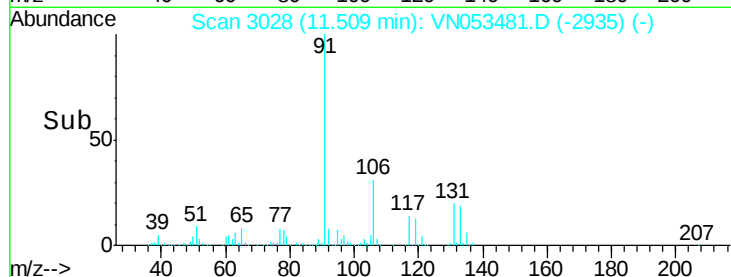
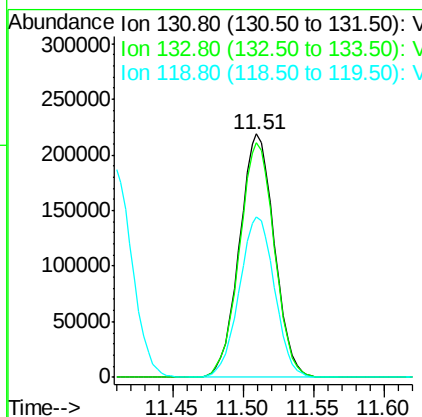
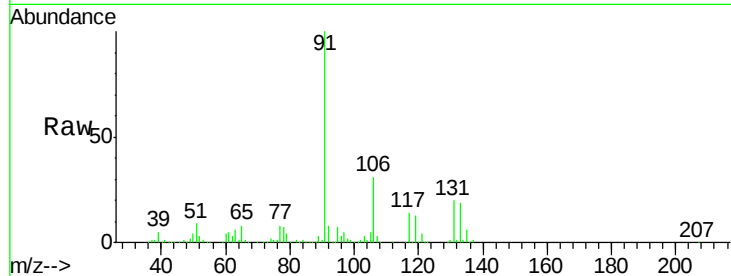
ClientSampleId :

SA-TW521-2327MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	378890		
133	96.7	48.0	144.0	
119	66.7	33.5	100.5	

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#67

Ethyl Benzene

Concen: 51.030 ug/l

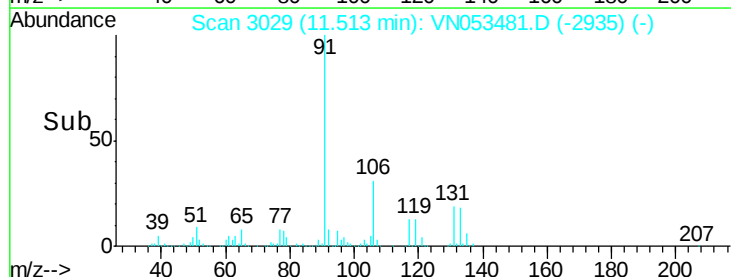
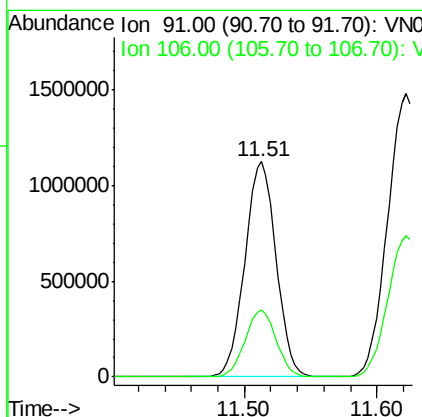
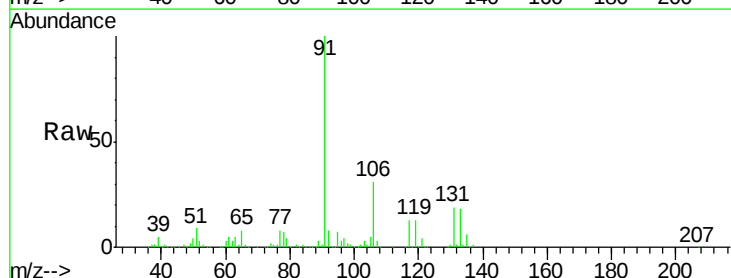
RT: 11.51 min Scan# 3029

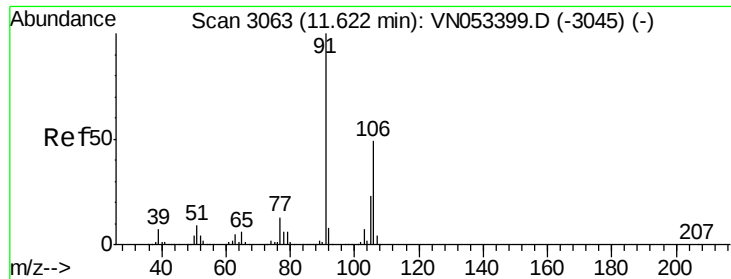
Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1837807		
106	30.9	25.0	37.6	





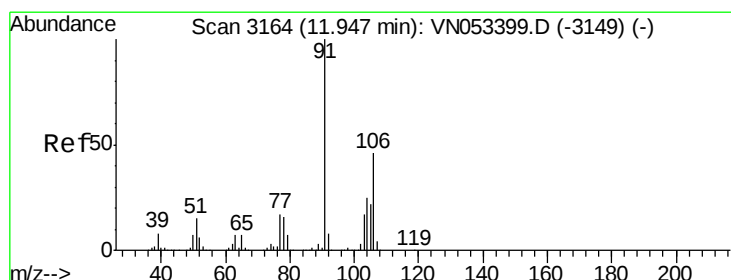
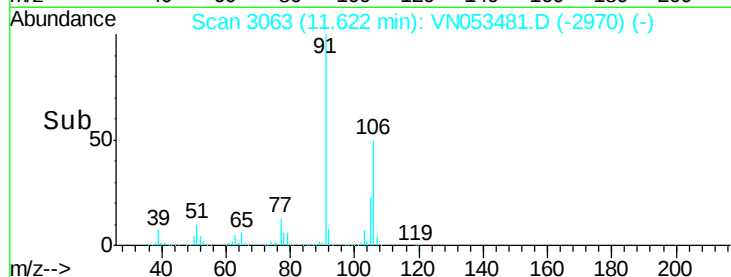
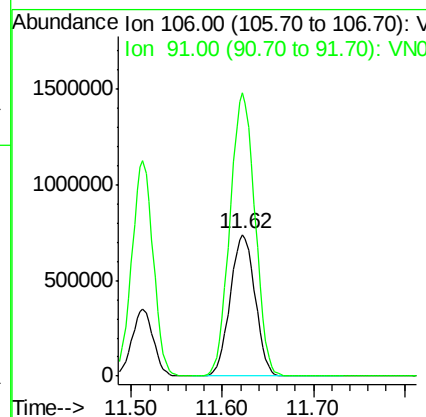
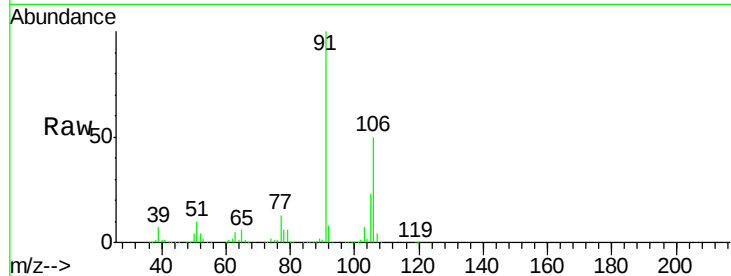
#68
m/p-Xvlenes
Concen: 103.330 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion:106 Resp: 1405005
Ion Ratio Lower Upper
106 100
91 201.0 161.4 242.2

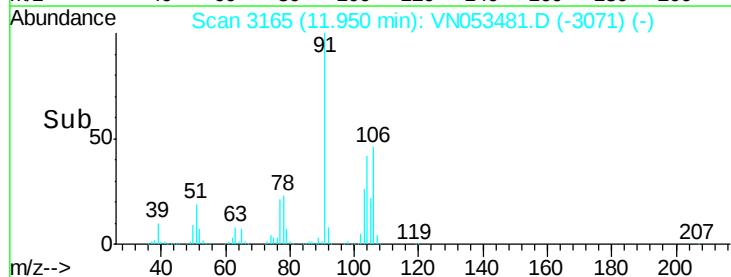
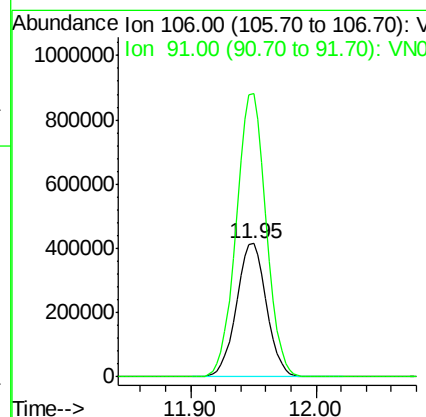
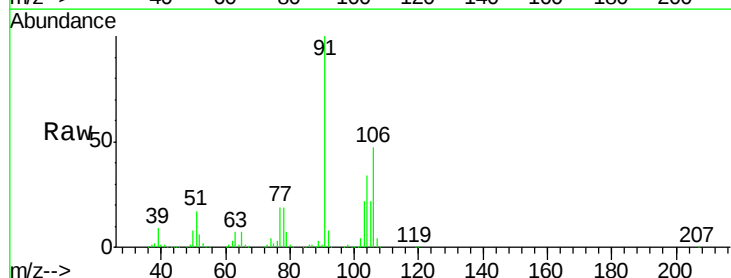
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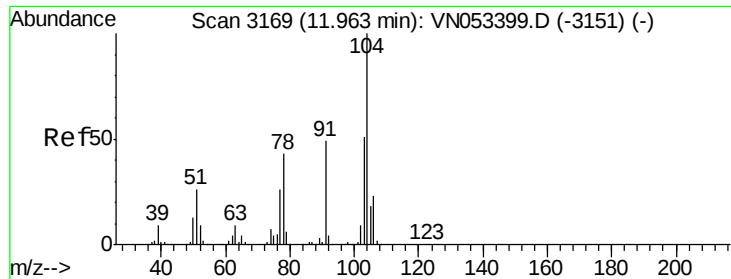
MMDadoda
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#69
o-Xylene
Concen: 52.175 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion:106 Resp: 689357
Ion Ratio Lower Upper
106 100
91 211.1 106.9 320.8





#70

Stvrene

Concen: 53.353 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SA-TW521-2327MS

Tot Ion:104 Resp: 1144061

Ion Ratio Lower Upper

104 100

78 47.6 38.2 57.2

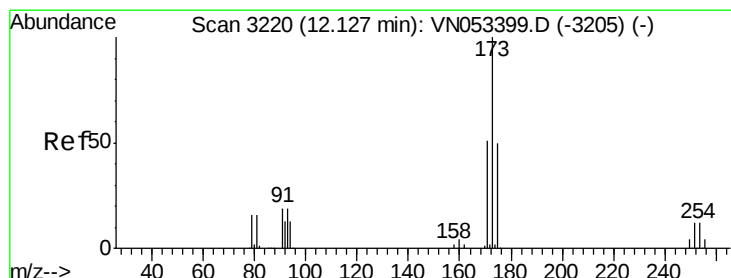
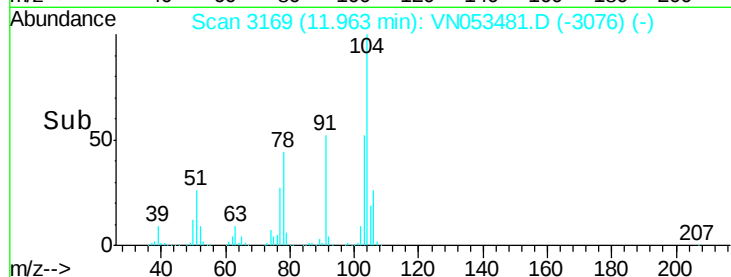
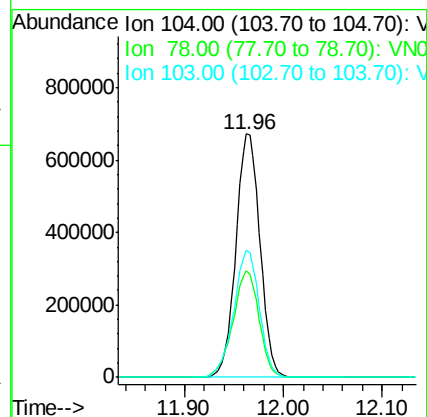
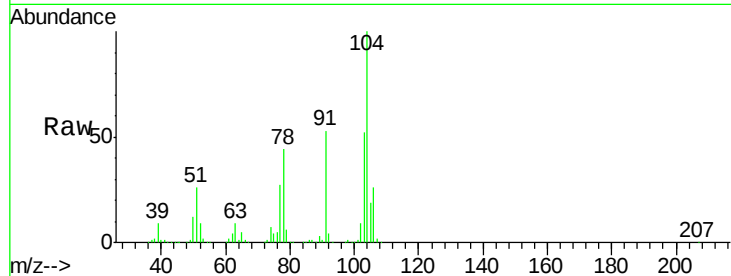
103 55.5 44.4 66.6

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#71

Bromoform

Concen: 57.170 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

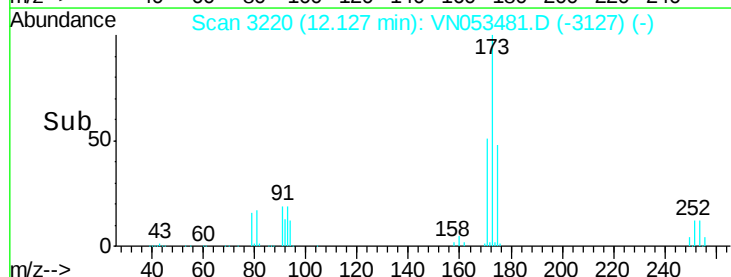
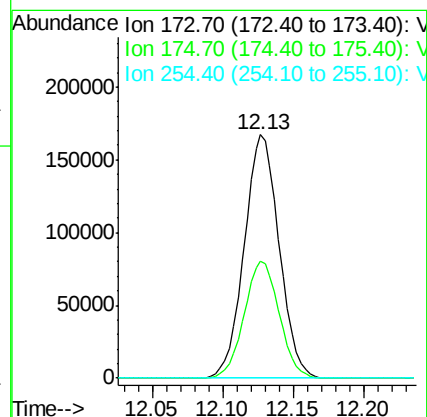
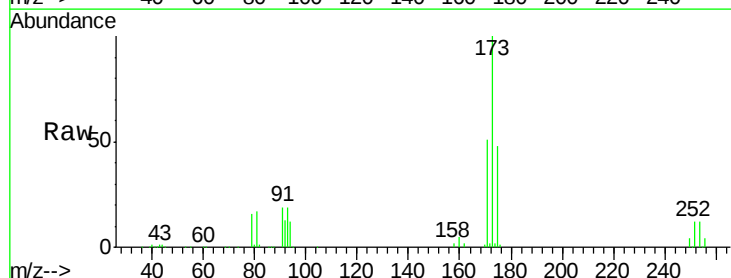
Tgt Ion:173 Resp: 289340

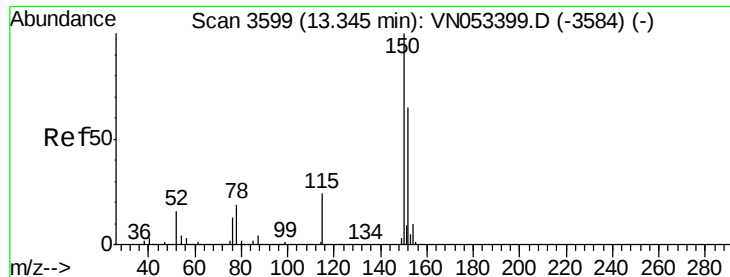
Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SA-TW521-2327MS

Tot Ion:152 Resp: 507686

Ion Ratio Lower Upper

152 100

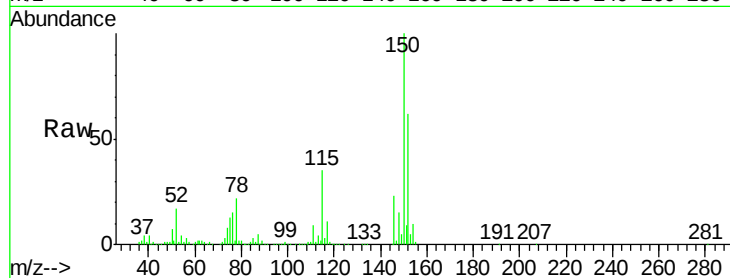
115 56.0 27.8 83.4

150 173.8 0.0 349.0

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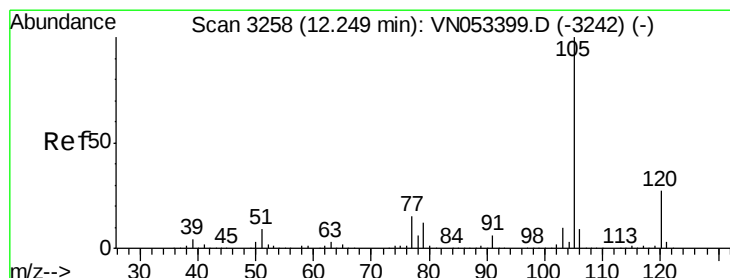
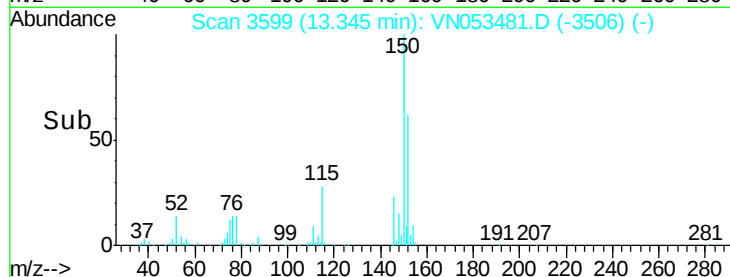
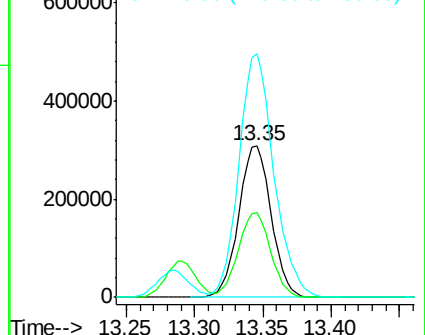
1/21/2019 10:48:31 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.847 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053481.D

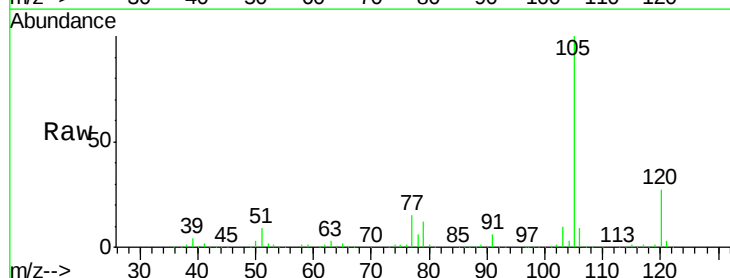
Acq: 18 Jan 2019 19:17

Tgt Ion:105 Resp: 1816056

Ion Ratio Lower Upper

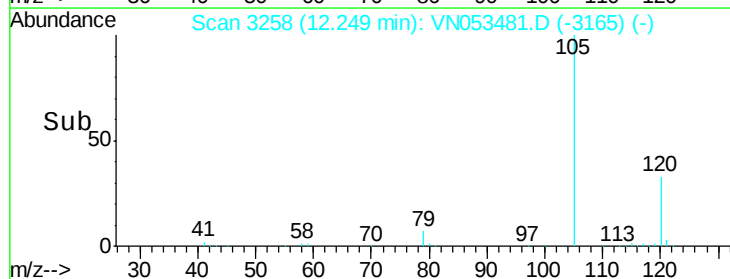
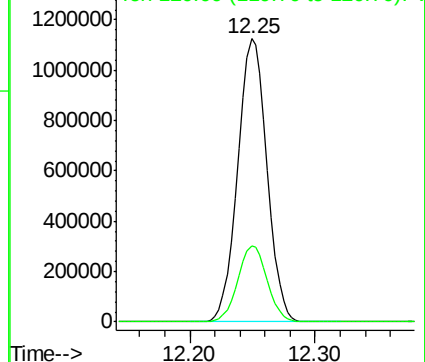
105 100

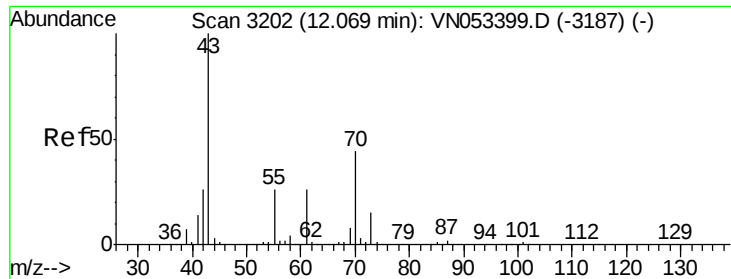
120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 54.402 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

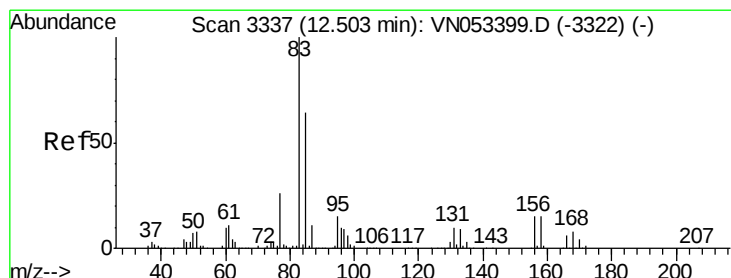
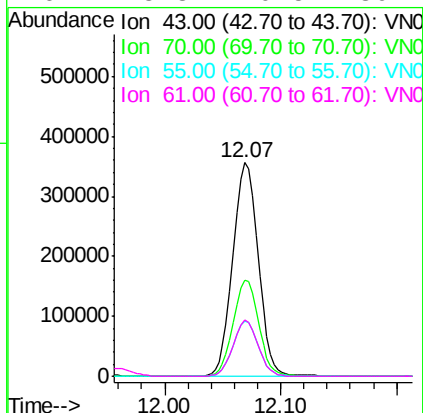
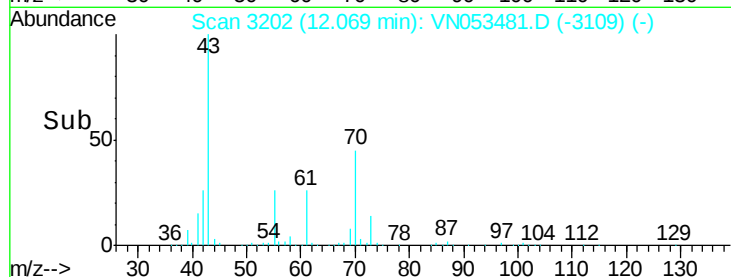
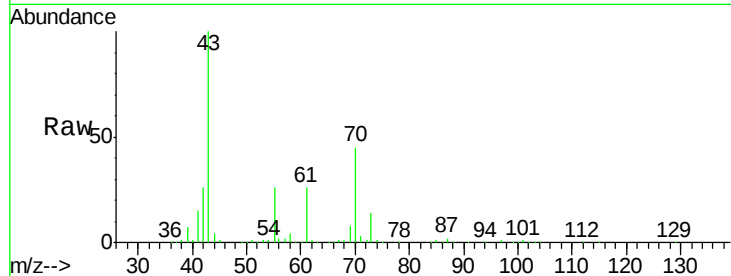
ClientSampleId :

SA-TW521-2327MS

Tot Ion:	43	Resp:	539168
Ion	Ratio	Lower	Upper
43	100		
70	45.0	35.4	53.2
55	25.6	20.9	31.3
61	25.8	20.5	30.7

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#75

1,1,2,2-Tetrachloroethane

Concen: 54.869 ug/l

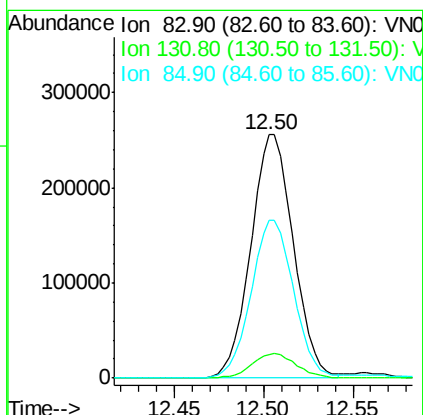
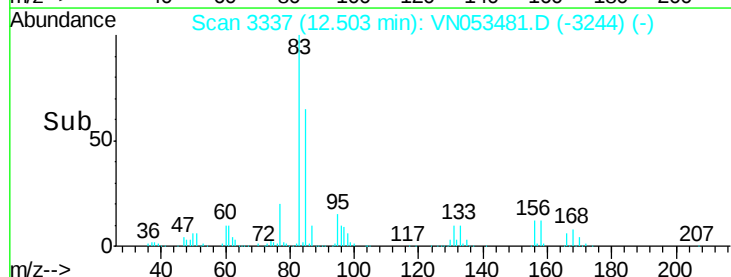
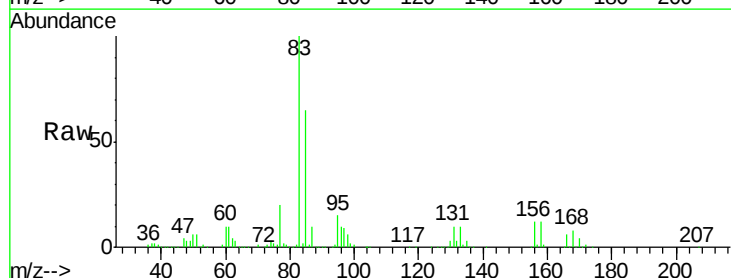
RT: 12.50 min Scan# 3337

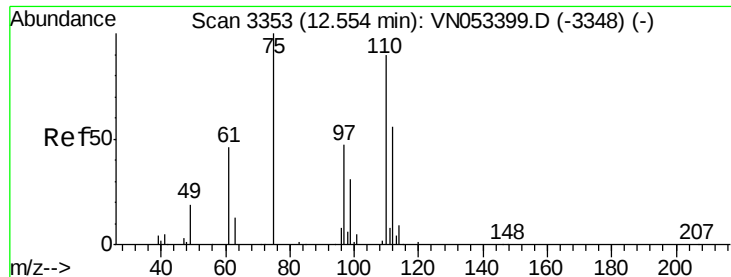
Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Tgt Ion:	83	Resp:	427832
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	15.8
85	64.6	32.1	96.3





#76

1,2,3-Trichloropropane

Concen: 52.565 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SA-TW521-2327MS

Tot Ion: 75 Resp: 351680

Ion Ratio Lower Upper

75 100

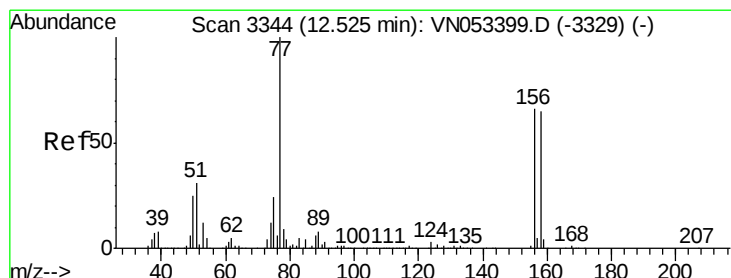
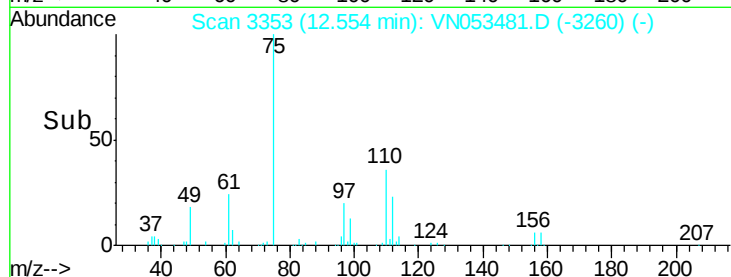
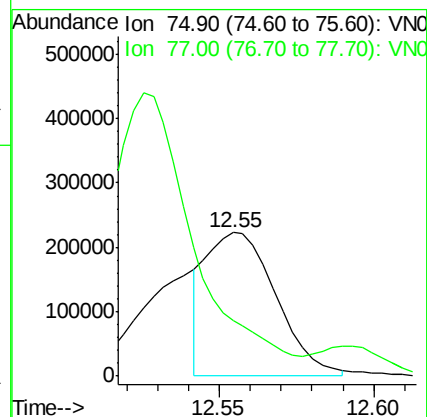
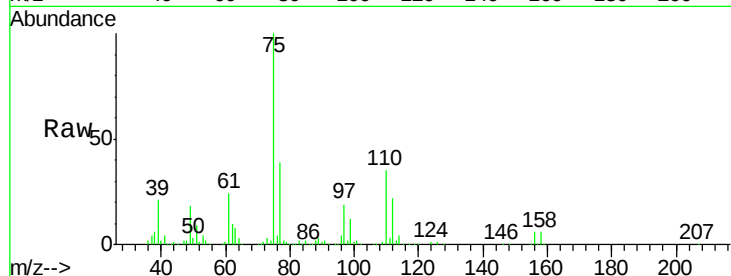
77 0.0 0.0 0.0

Manual Integrations

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#77

Bromobenzene

Concen: 49.888 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

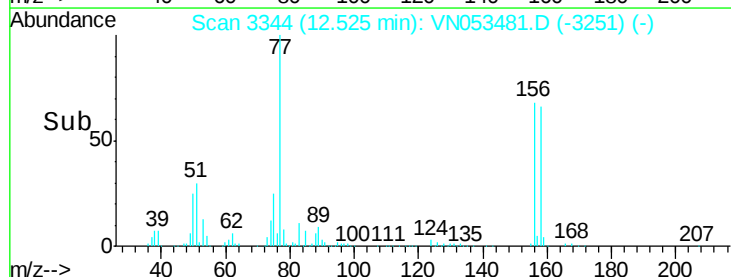
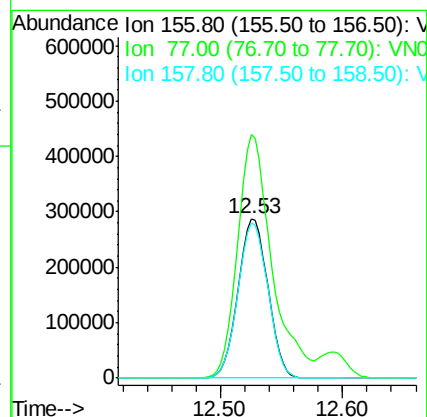
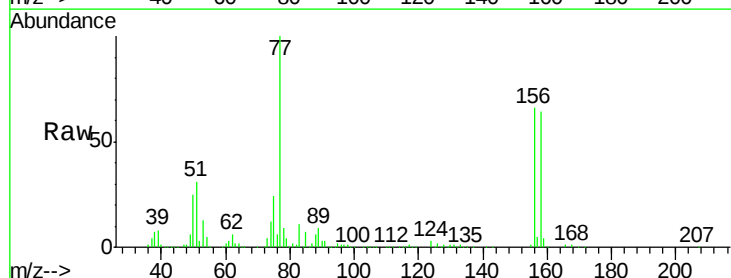
Tgt Ion: 156 Resp: 488727

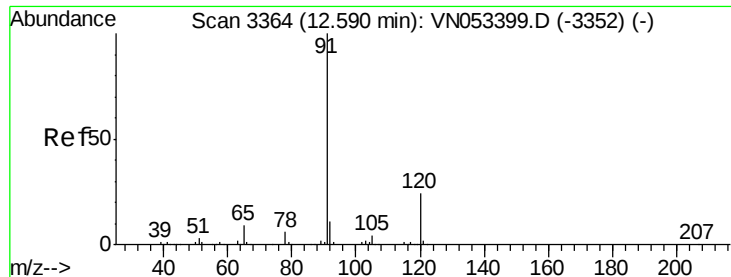
Ion Ratio Lower Upper

156 100

77 176.8 87.9 263.8

158 97.5 48.8 146.4





#78

n-propylbenzene

Concen: 49.199 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

ClientSampled :

SA-TW521-2327MS

Tot Ion: 91 Resp: 2099616

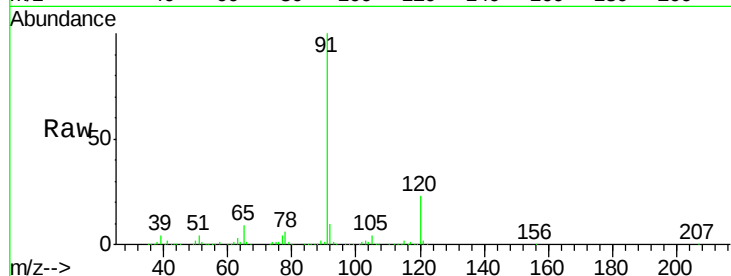
Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

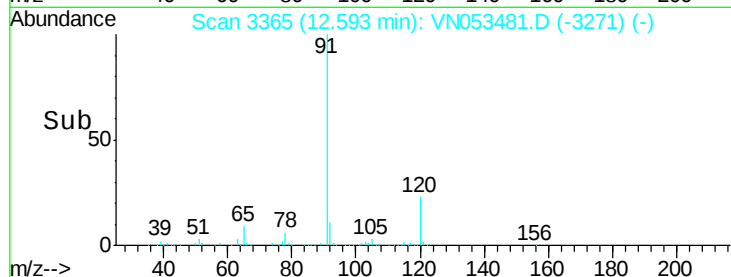
1500000

1000000

500000

0

Time-->



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

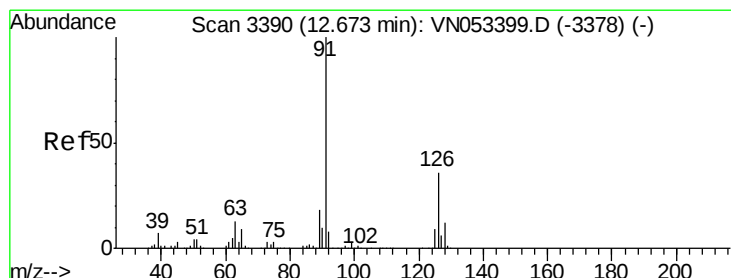
1500000

1000000

500000

0

Time-->



#79

2-Chlorotoluene

Concen: 48.814 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053481.D

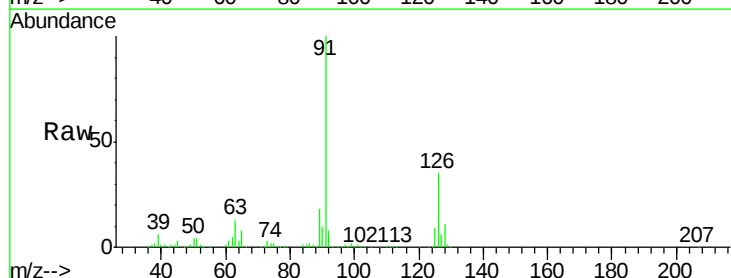
Acq: 18 Jan 2019 19:17

Tgt Ion: 91 Resp: 1234806

Ion Ratio Lower Upper

91 100

126 35.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

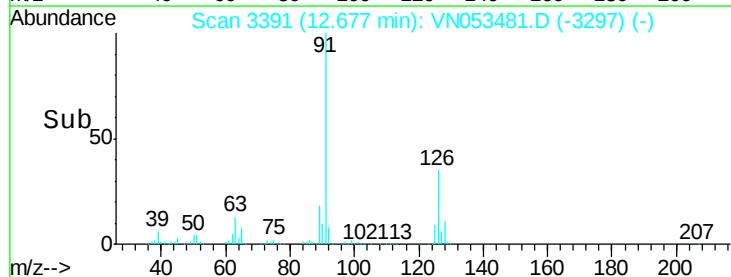
Ion 125.90 (125.60 to 126.60): V

1000000

500000

0

Time-->



Abundance Ion 91.00 (90.70 to 91.70): VN0

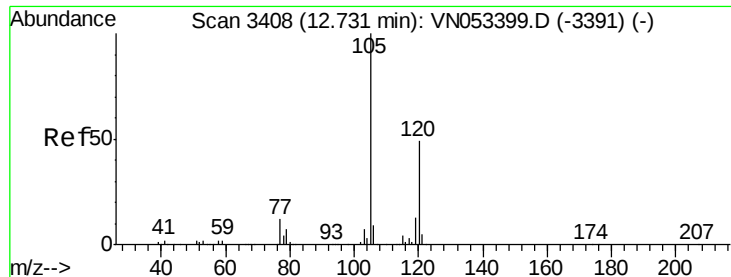
Ion 125.90 (125.60 to 126.60): V

1000000

500000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.257 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

SA-TW521-2327MS

Tot Ion:105 Resp: 1520230

Ion Ratio Lower Upper

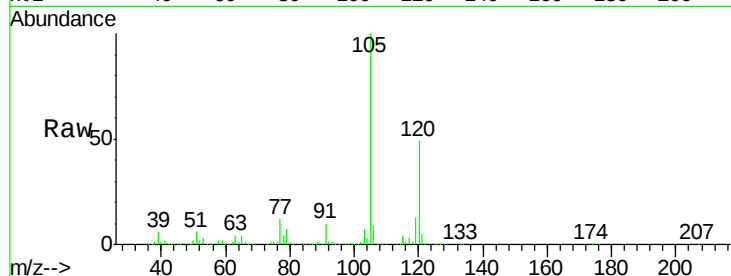
105 100

120 49.2 24.9 74.6

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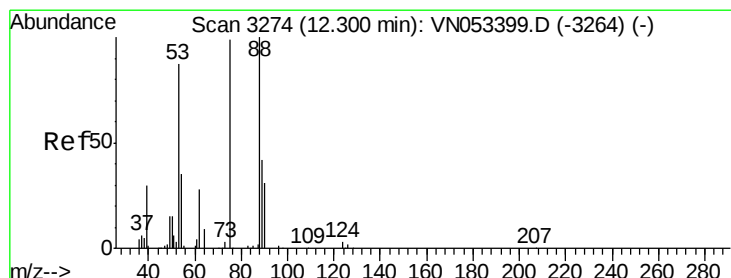
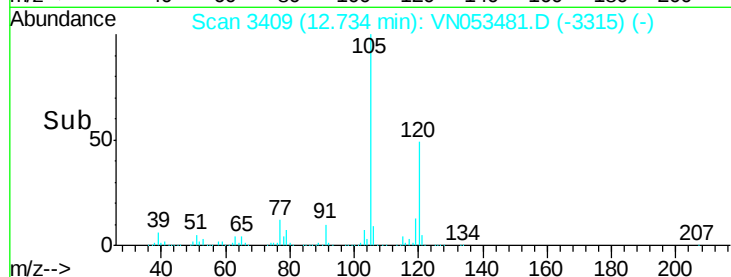
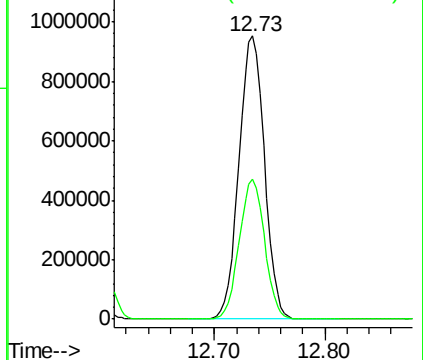
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 49.234 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

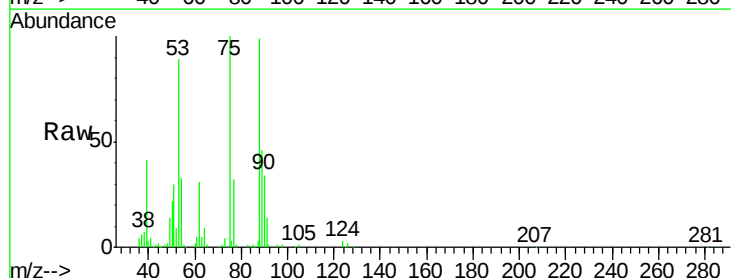
Tgt Ion: 75 Resp: 130047

Ion Ratio Lower Upper

75 100

53 88.1 69.8 104.6

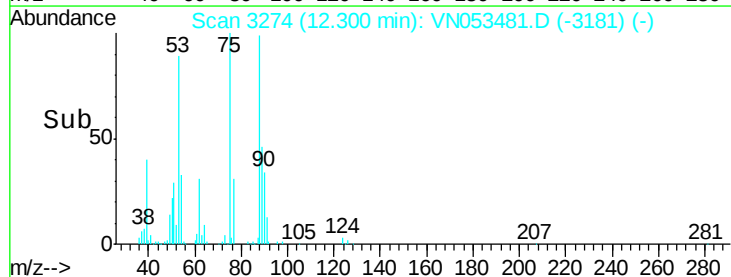
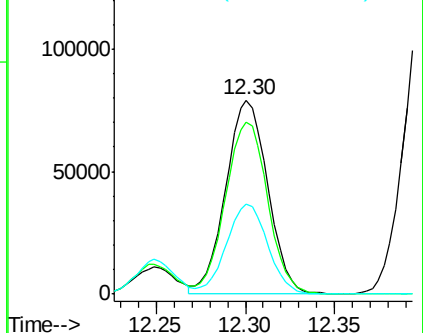
89 45.4 35.6 53.4

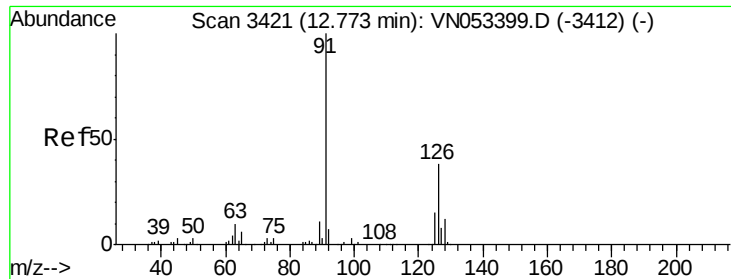


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





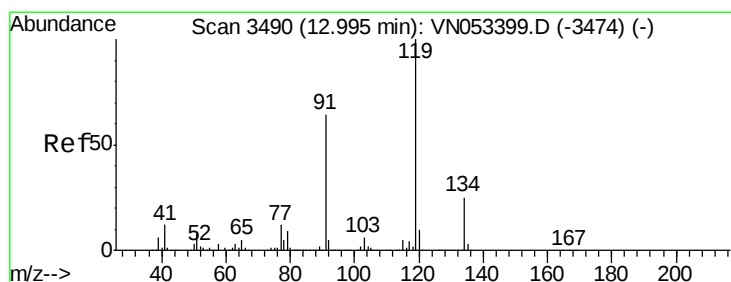
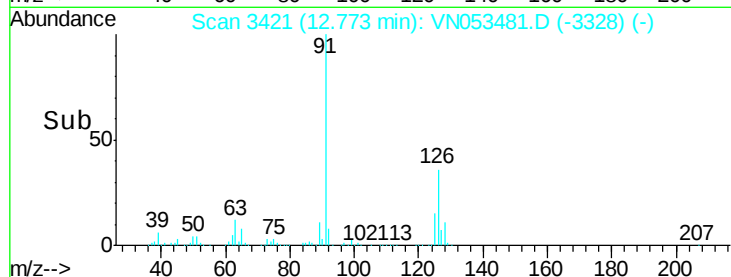
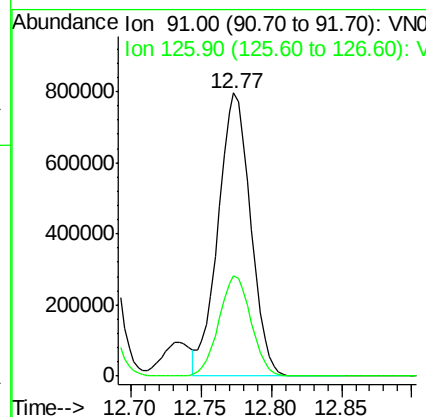
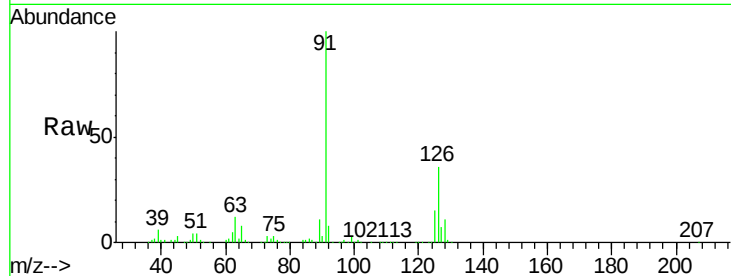
#82
4-Chlorotoluene
Concen: 49.292 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion: 91 Resp: 1271557
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.9

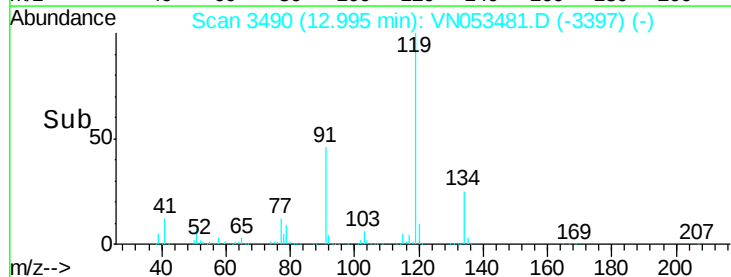
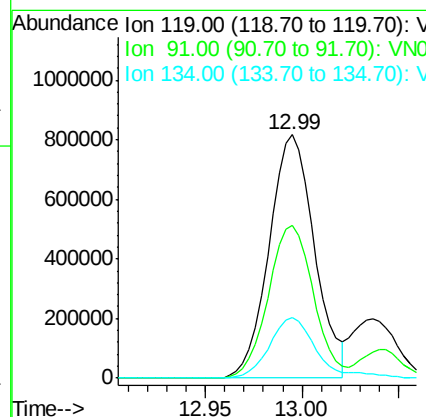
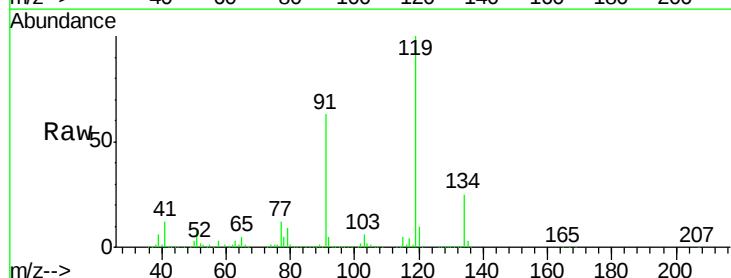
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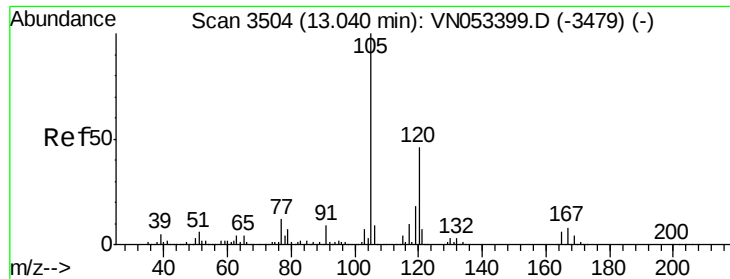
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#83
tert-Butylbenzene
Concen: 49.829 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion: 119 Resp: 1331261
Ion Ratio Lower Upper
119 100
91 62.7 31.3 93.8
134 25.8 12.9 38.7





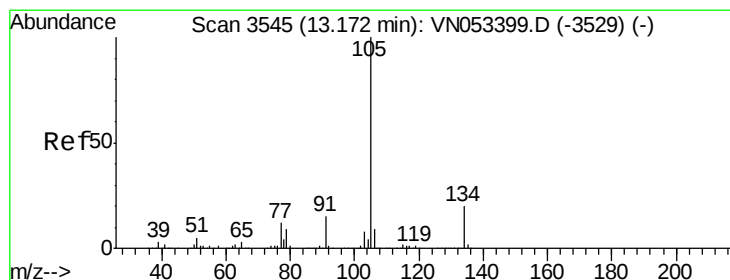
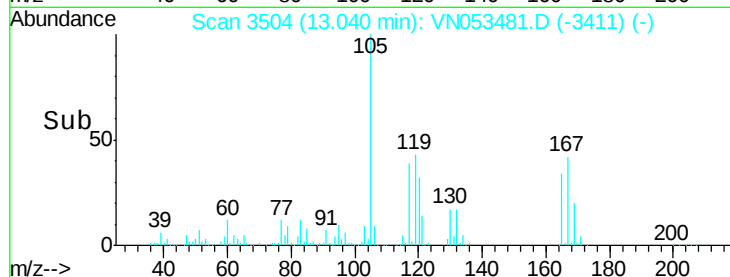
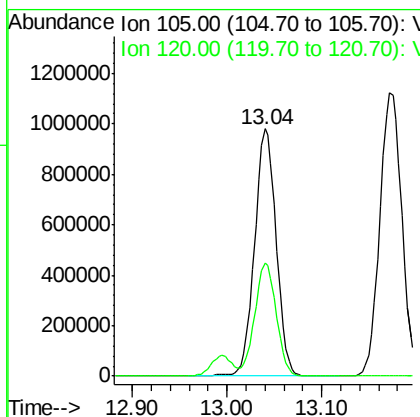
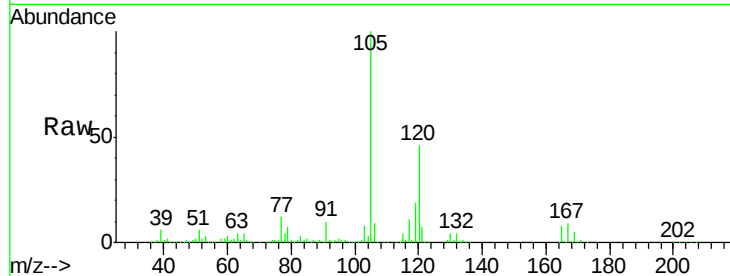
#84
 1,2,4-Trimethylbenzene
 Concen: 50.878 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MS

Tot Ion:105 Resp: 1551804
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.0 69.0

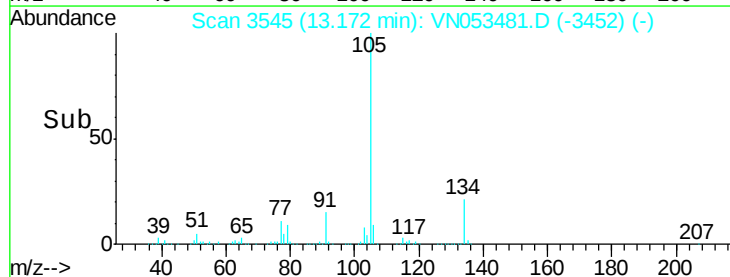
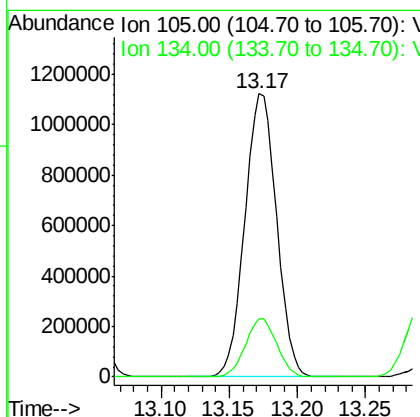
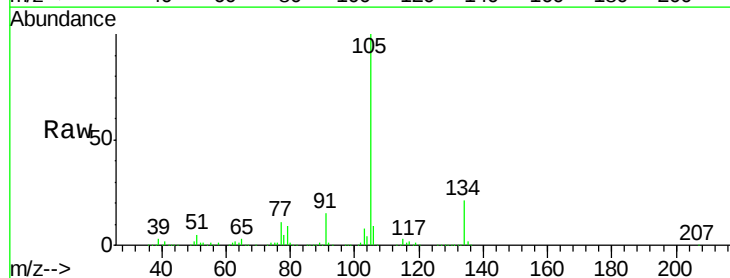
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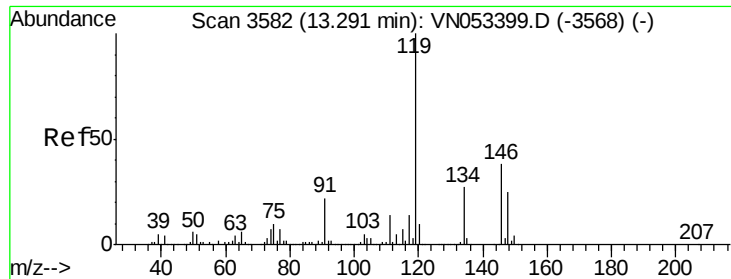
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#85
 sec-Butylbenzene
 Concen: 49.434 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Tgt Ion:105 Resp: 1811296
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6





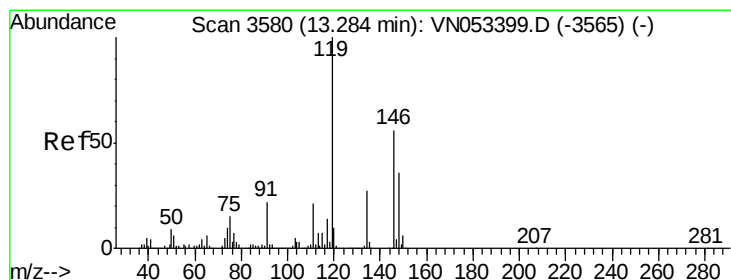
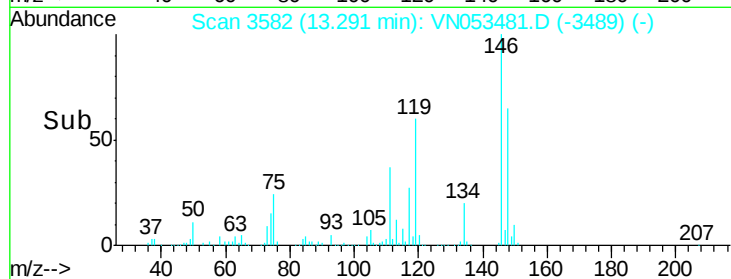
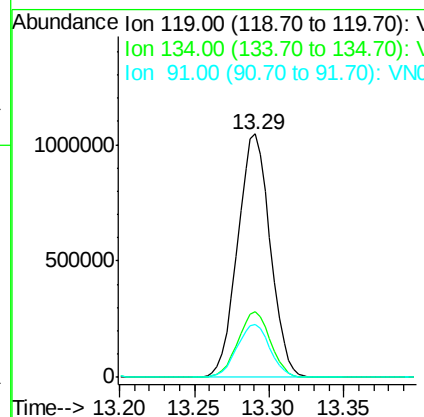
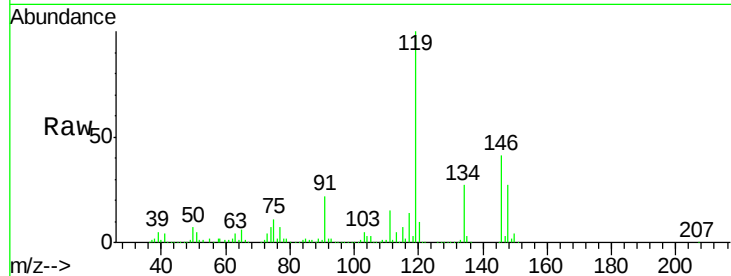
#86
p-Isopropyltoluene
Concen: 49.822 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.5	40.4
91	22.1	11.0	33.0

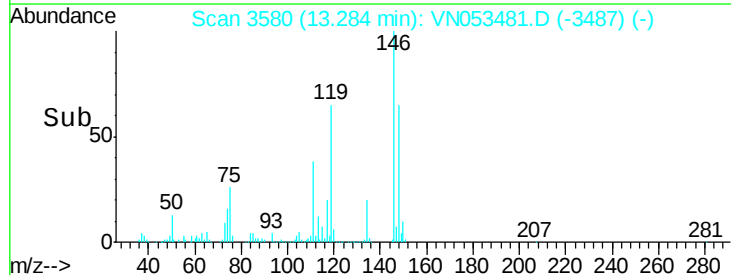
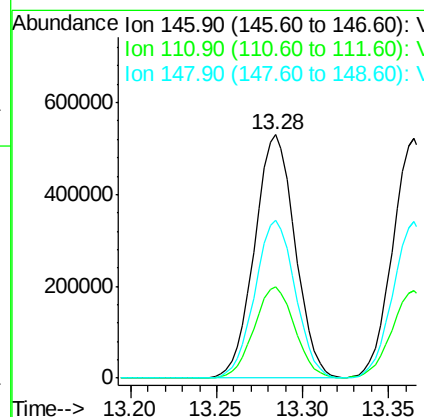
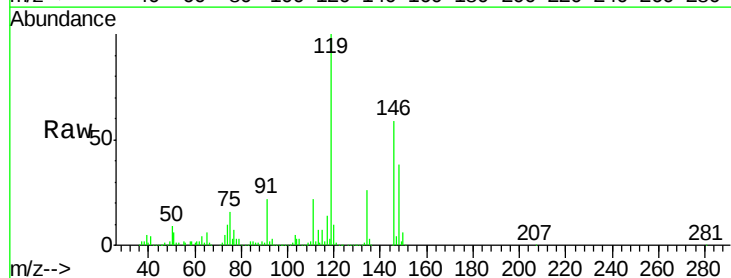
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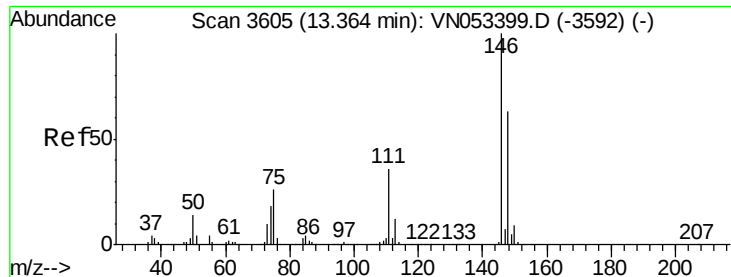
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#87
1,3-Dichlorobenzene
Concen: 50.320 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	64.6	32.0	96.2





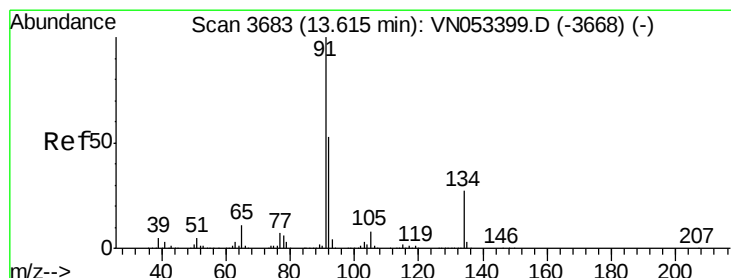
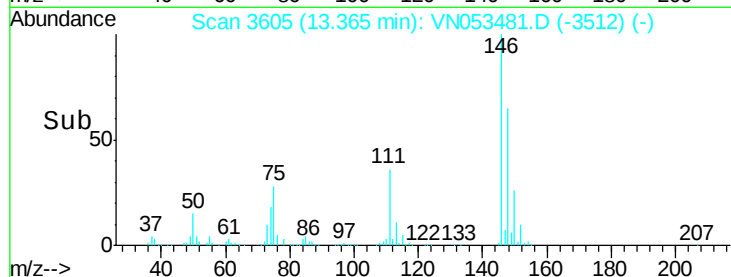
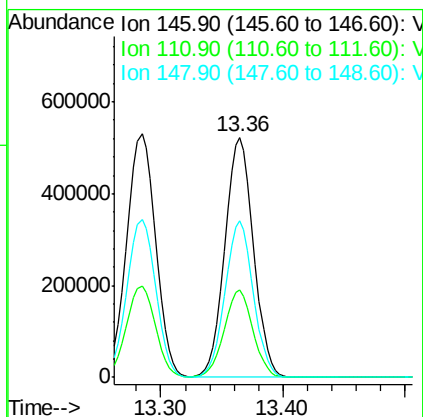
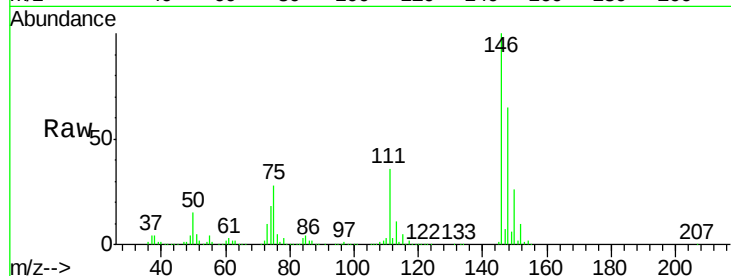
#88
 1,4-Dichlorobenzene
 Concen: 49.689 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.8
148	64.1	32.4	97.0

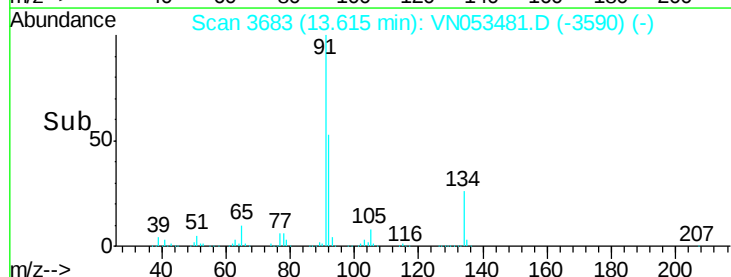
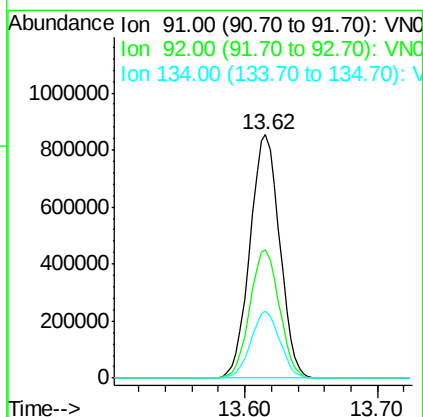
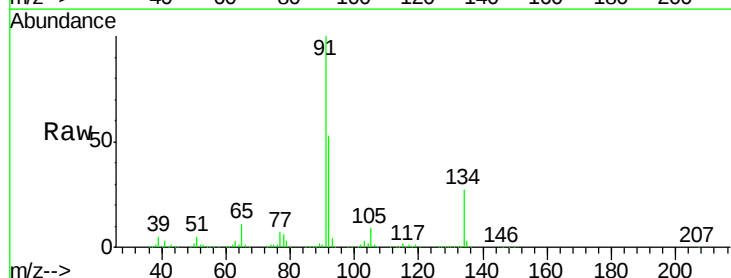
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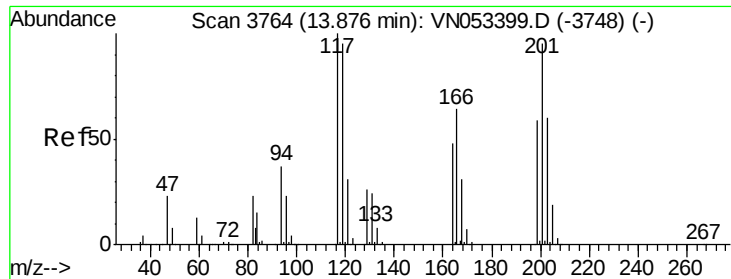
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#89
 n-Butylbenzene
 Concen: 48.932 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.3	78.8
134	26.9	13.5	40.5





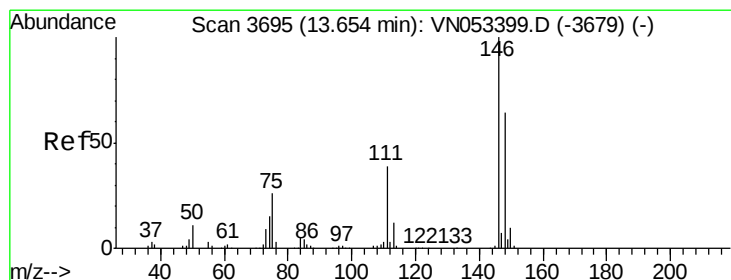
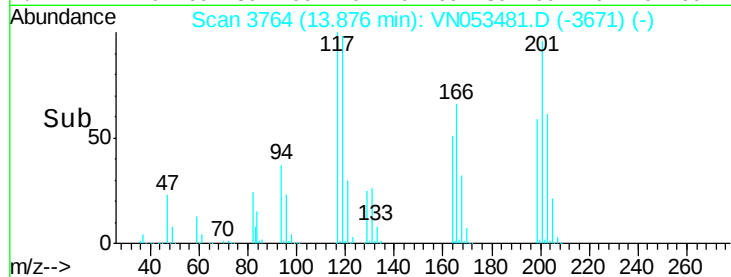
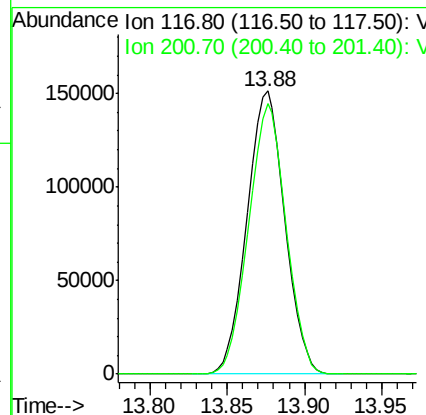
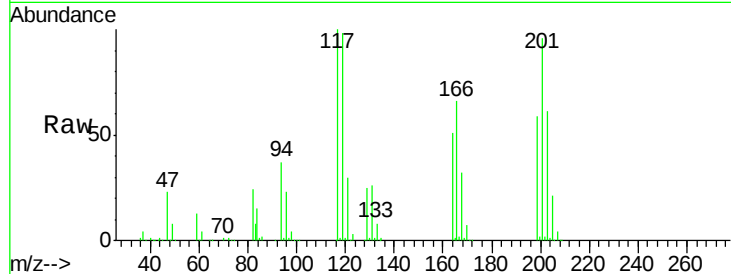
#90
Hexachloroethane
Concen: 51.688 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MS

Tot Ion:117 Resp: 257903
Ion Ratio Lower Upper
117 100
201 94.4 46.8 140.4

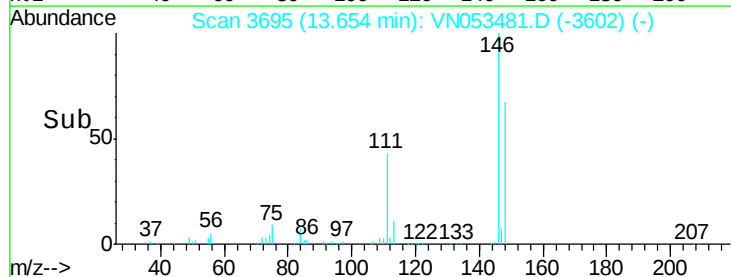
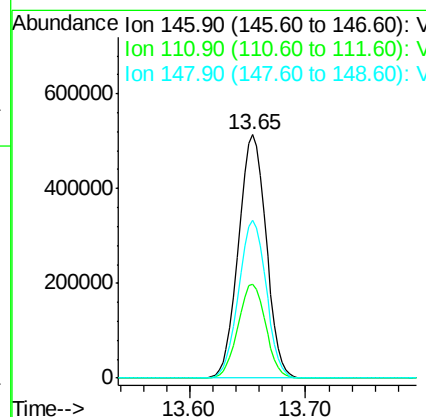
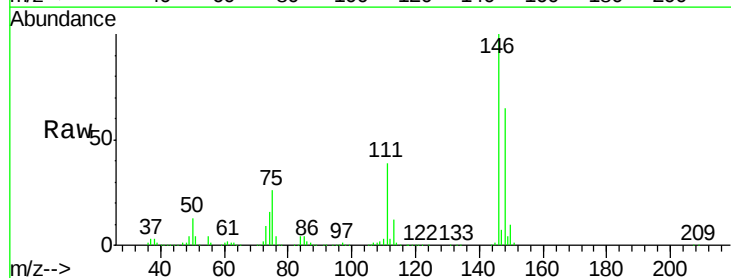
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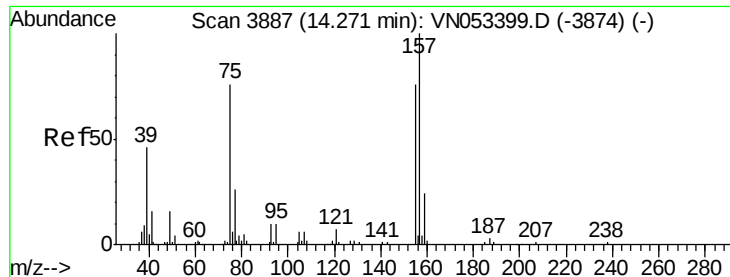
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#91
1,2-Dichlorobenzene
Concen: 53.355 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN053481.D
Acq: 18 Jan 2019 19:17

Tgt Ion:146 Resp: 845891
Ion Ratio Lower Upper
146 100
111 38.5 19.5 58.5
148 64.7 31.9 95.9





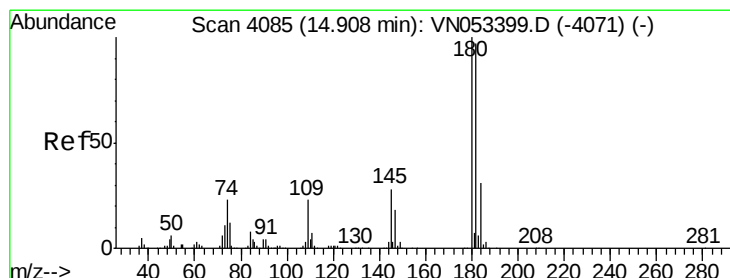
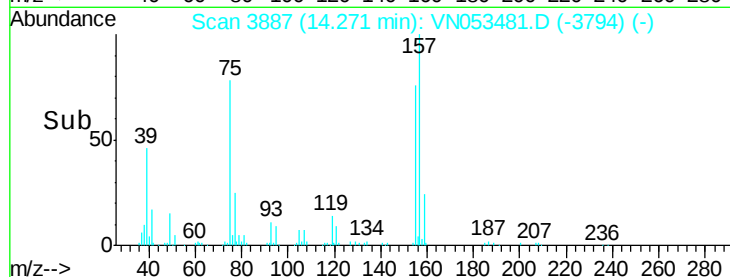
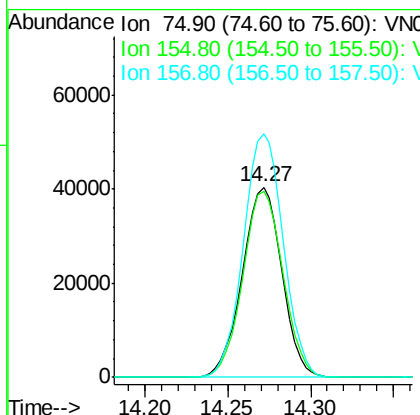
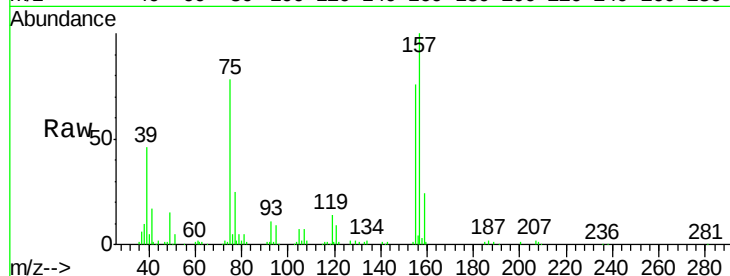
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 67.951 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	99.2	48.9	146.7
157	129.1	63.7	191.3

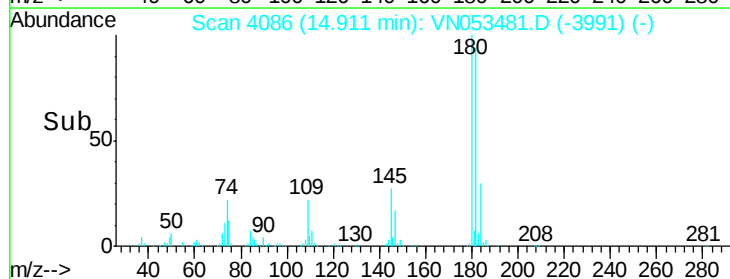
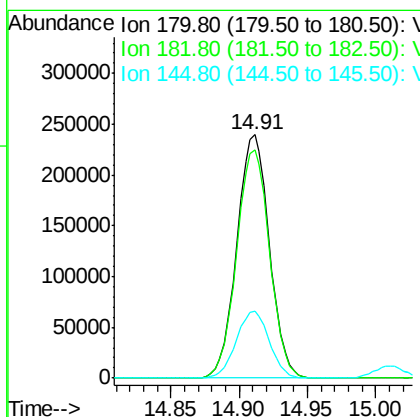
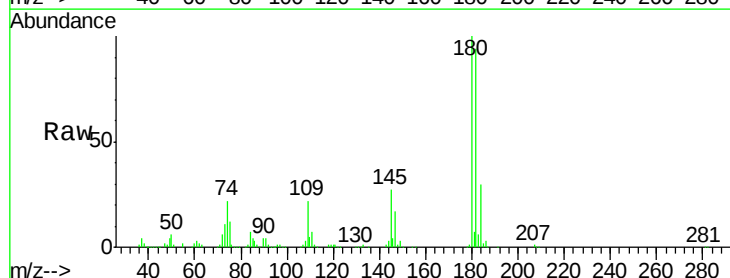
Manual Integrations
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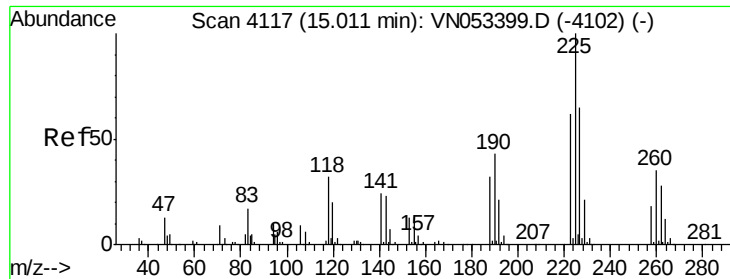
MMDadoda
 1/21/2019 10:48:31 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 56.198 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.3
145	27.8	13.9	41.6





#94

Hexachlorobutadiene

Concen: 51.873 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Instrument :

MSVOA_N

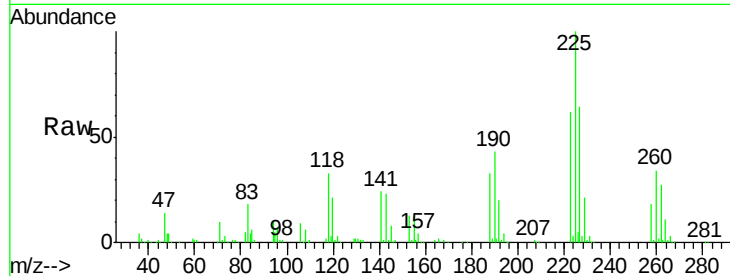
ClientSampleId :

SA-TW521-2327MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
225	100		256541		
223	62.1		31.1	93.2	
227	64.7		32.0	96.2	

Manual Integrations
APPROVED

MMDadoda
1/21/2019 10:48:31 AM

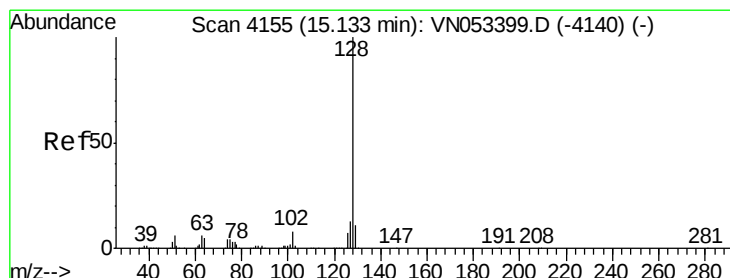
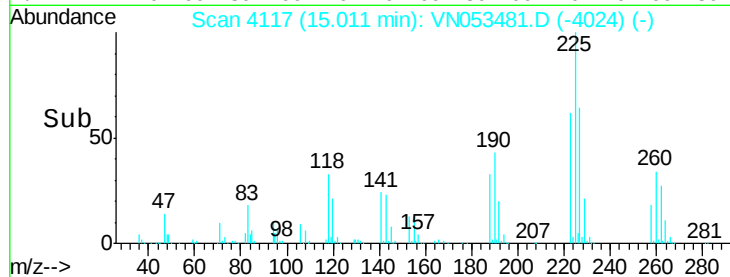
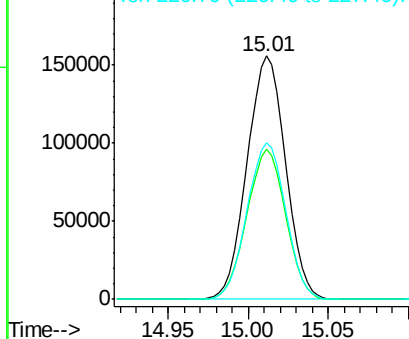


Abundance

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: 60.136 ug/l

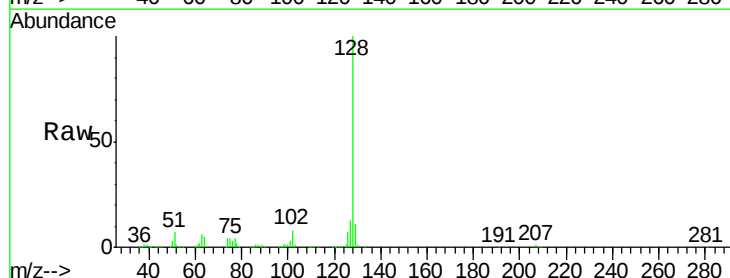
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053481.D

Acq: 18 Jan 2019 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		748686		
127	12.7		10.3	15.5	
129	10.9		8.6	13.0	

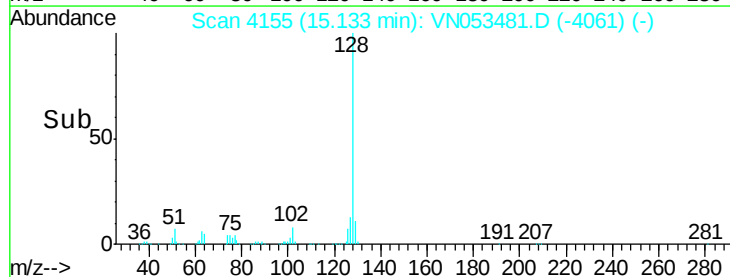
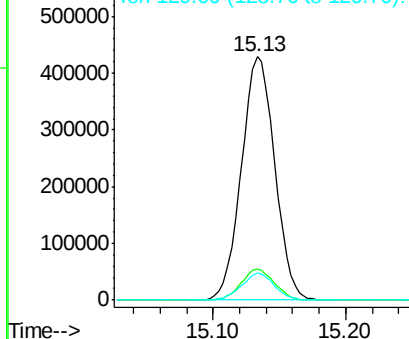


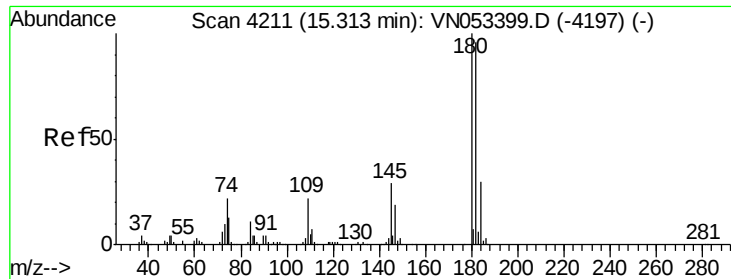
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 59.018 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053481.D
 Acq: 18 Jan 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MS

Tot Ion:	180	Resp:	305991
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.9	143.8
145	29.9	14.7	44.1

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 10:48:31 AM

