

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
 Data File : VN055280.D
 Acq On : 26 Apr 2019 16:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:57:11 AM

Quant Time: Apr 29 09:16:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	396057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	641697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	220058	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	276604	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	7.59	113	220142	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.09	98	788003	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.40	95	259662	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	266485	52.258	ug/l	99
3) Chloromethane	2.06	50	303667	48.598	ug/l	100
4) Vinyl Chloride	2.19	62	241219	48.177	ug/l	96
5) Bromomethane	2.55	94	131781	45.384	ug/l	100
6) Chloroethane	2.70	64	129672	49.137	ug/l	99
7) Trichlorofluoromethane	3.01	101	347351	50.978	ug/l	97
8) Diethyl Ether	3.41	74	131475	54.060	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	206149	48.485	ug/l	99
10) Methyl Iodide	3.96	142	316556	53.092	ug/l	99
11) Tert butyl alcohol	4.79	59	97890	312.781	ug/l	99
12) 1,1-Dichloroethene	3.74	96	203403	49.918	ug/l	98
13) Acrolein	3.61	56	152349	321.891	ug/l	100
14) Allyl chloride	4.33	41	424071	52.645	ug/l	99
15) Acrylonitrile	4.99	53	496663	289.364	ug/l	100
16) Acetone	3.82	43	449032	253.382	ug/l	97
17) Carbon Disulfide	4.06	76	544415	47.791	ug/l	100
18) Methyl Acetate	4.33	43	233477	61.572	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	627096	55.663	ug/l	97
20) Methylene Chloride	4.55	84	242120	47.524	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	215476	50.429	ug/l	98
22) Diisopropyl ether	5.96	45	863293	53.765	ug/l	99
23) Vinyl Acetate	5.90	43	3188269	295.482	ug/l	99
24) 1,1-Dichloroethane	5.85	63	444858	51.508	ug/l	99
25) 2-Butanone	6.84	43	639491	279.508	ug/l	99
26) 2,2-Dichloropropane	6.83	77	309240	52.911	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	250742	50.906	ug/l	98
28) Bromochloromethane	7.20	49	215485	48.946	ug/l	96
29) Tetrahydrofuran	7.21	42	419254	298.038	ug/l	98
30) Chloroform	7.37	83	420516	51.186	ug/l	100
31) Cyclohexane	7.65	56	401553	49.653	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	344224	52.154	ug/l	99
36) 1,1-Dichloropropene	7.79	75	309769	52.010	ug/l	99
37) Ethyl Acetate	6.93	43	272997	56.796	ug/l	99
38) Carbon Tetrachloride	7.78	117	292184	52.388	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	325535	45.815	ug/l	98
40) Benzene	8.04	78	939744	51.113	ug/l	99
41) Methacrylonitrile	7.18	41	141773	56.260	ug/l	94
42) 1,2-Dichloroethane	8.12	62	333023	51.920	ug/l	100
43) Isopropyl Acetate	8.17	43	465746	59.837	ug/l	99
44) Trichloroethene	8.84	130	231436	49.804	ug/l	98
45) 1,2-Dichloropropane	9.12	63	271194	52.255	ug/l	100
46) Dibromomethane	9.21	93	152534	51.342	ug/l	98
47) Bromodichloromethane	9.40	83	323538	54.399	ug/l	99
48) Methyl methacrylate	9.20	41	213193	56.466	ug/l	98
49) 1,4-Dioxane	9.20	88	48969	1123.096	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1301942	290.684	ug/l	99
52) Toluene	10.16	92	546397	50.694	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	315423	57.790	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	376739	55.621	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	211485	53.222	ug/l	99
56) Ethyl methacrylate	10.43	69	285127	57.600	ug/l	98
57) 1,3-Dichloropropane	10.71	76	365249	52.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	454369	238.746	ug/l	99
59) 2-Hexanone	10.75	43	822190	290.621	ug/l	99
60) Dibromochloromethane	10.90	129	223441	54.592	ug/l	99
61) 1,2-Dibromoethane	11.01	107	201847	54.027	ug/l	100
64) Tetrachloroethene	10.63	164	220094	48.760	ug/l	99
65) Chlorobenzene	11.43	112	550277	48.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	216816	51.798	ug/l	99
67) Ethyl Benzene	11.51	91	1016685	50.537	ug/l	100
68) m/p-Xylenes	11.62	106	734002	101.728	ug/l	100
69) o-Xylene	11.95	106	364060	50.842	ug/l	100
70) Styrene	11.96	104	592323	53.366	ug/l	98
71) Bromoform	12.13	173	139674	55.918	ug/l #	100
73) Isopropylbenzene	12.25	105	952961	54.078	ug/l	99
74) N-amyl acetate	12.07	43	334519	58.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	262367	59.075	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	215215m	48.207	ug/l	
77) Bromobenzene	12.53	156	232561	47.871	ug/l	97
78) n-propylbenzene	12.59	91	1049954	47.576	ug/l	100
79) 2-Chlorotoluene	12.67	91	647348	46.453	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	781917	47.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	63051	53.538	ug/l	99
82) 4-Chlorotoluene	12.77	91	625359	48.775	ug/l	99
83) tert-Butylbenzene	12.99	119	649381	52.575	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	750730	48.292	ug/l	99
85) sec-Butylbenzene	13.17	105	838581	44.996	ug/l	99
86) p-Isopropyltoluene	13.29	119	727691	47.394	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	372688	49.974	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	352817	48.592	ug/l	99
89) n-Butylbenzene	13.62	91	557657	49.000	ug/l	99
90) Hexachloroethane	13.87	117	123840	45.478	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	368070	48.051	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38067	56.967	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135641	42.358	ug/l	97
94) Hexachlorobutadiene	15.01	225	116276	52.251	ug/l	99
95) Naphthalene	15.13	128	309065	44.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	147255	45.995	ug/l	100

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

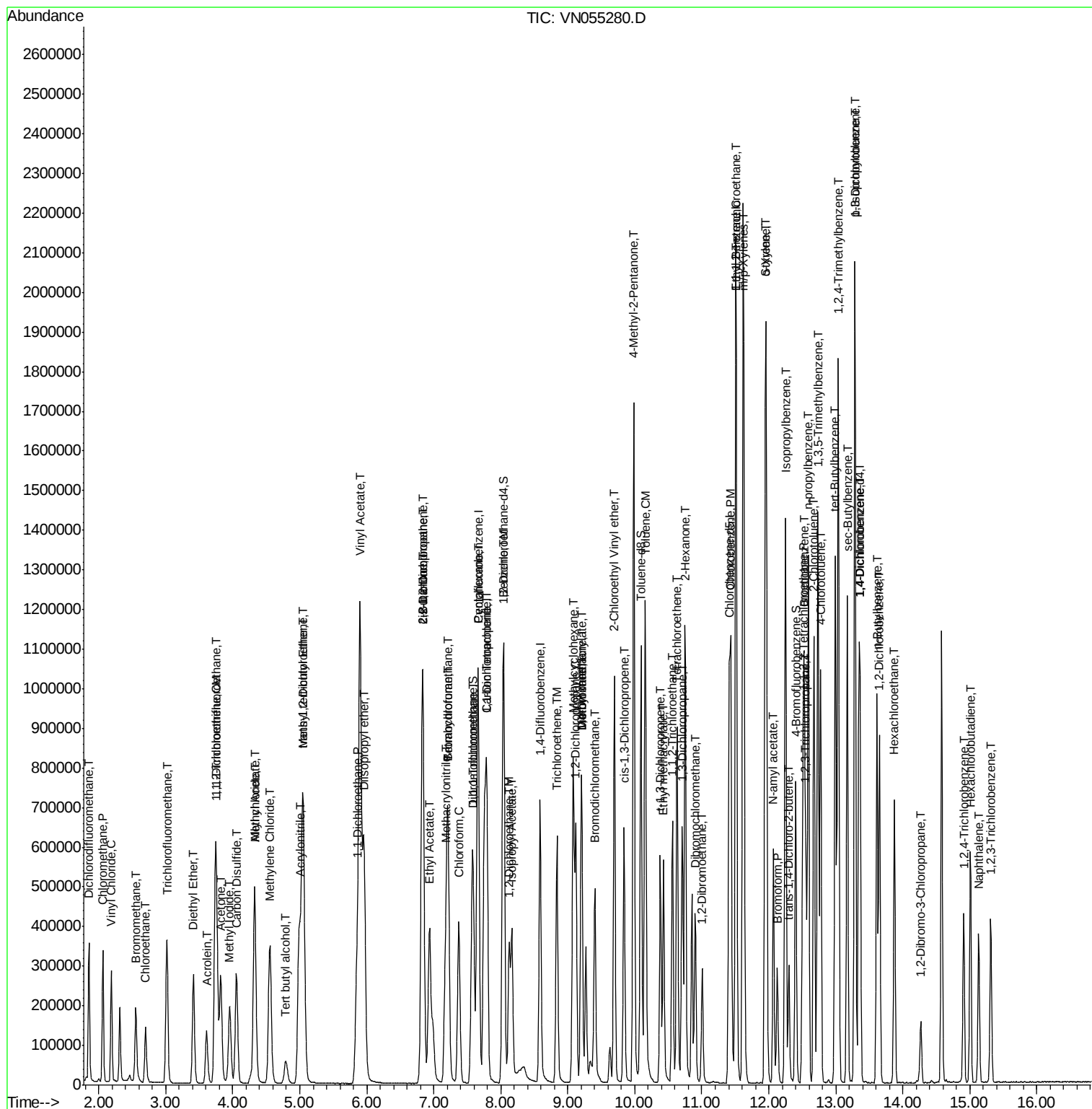
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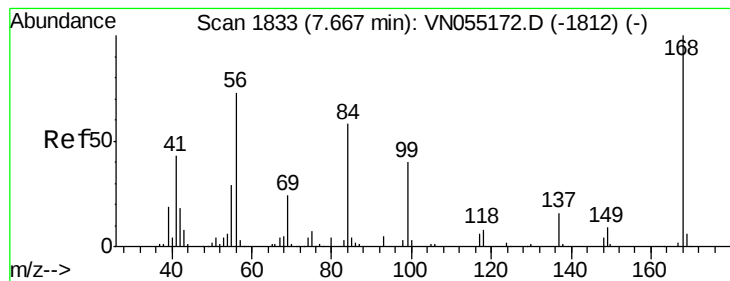
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 396057

Ion Ratio Lower Upper

168 100

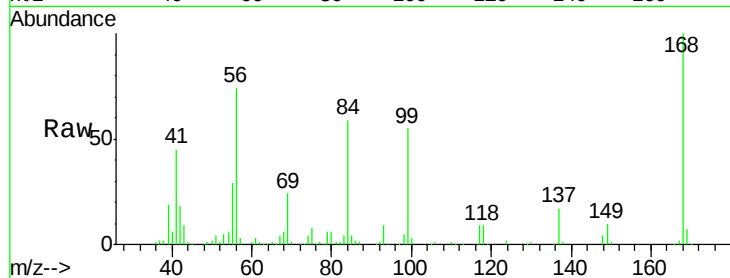
99 54.5 42.0 63.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

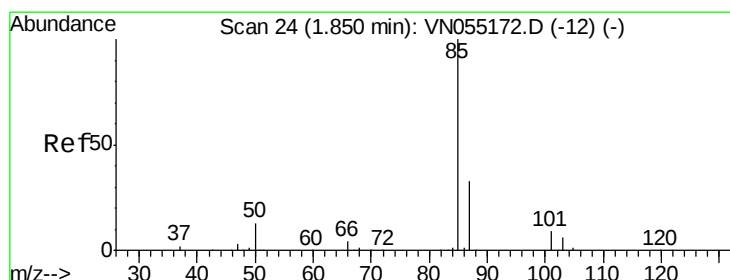
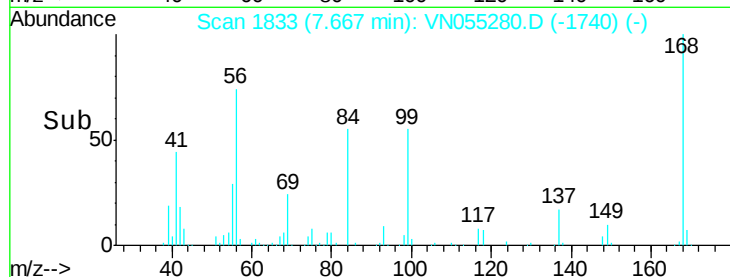
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.258 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055280.D

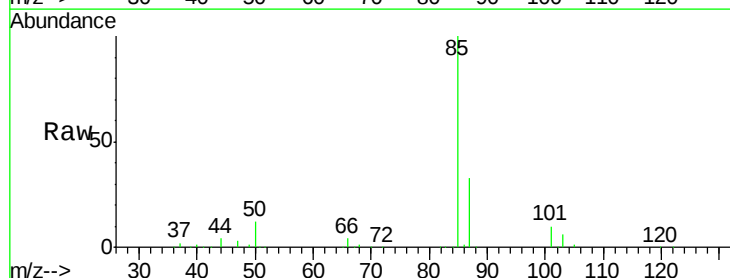
Acq: 26 Apr 2019 16:58

Tgt Ion: 85 Resp: 266485

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

150000

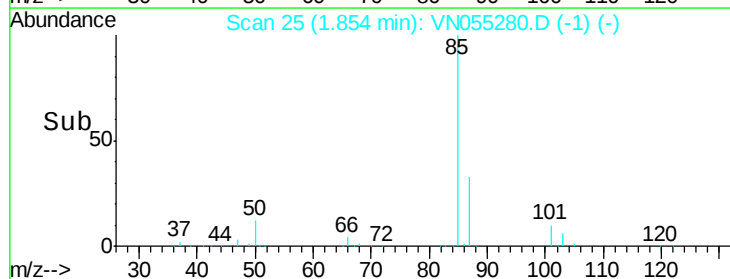
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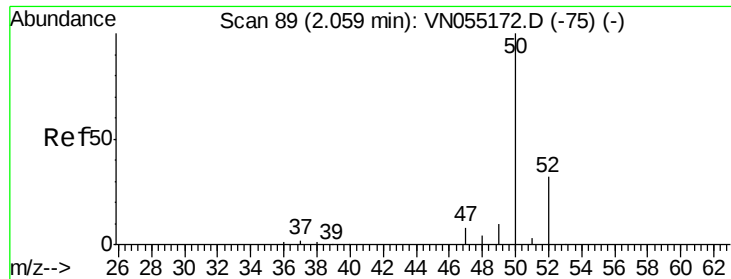
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 48.598 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Tot Ion: 50 Resp: 303667

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.6

Instrument :

MSVOA_N

ClientSampleId :

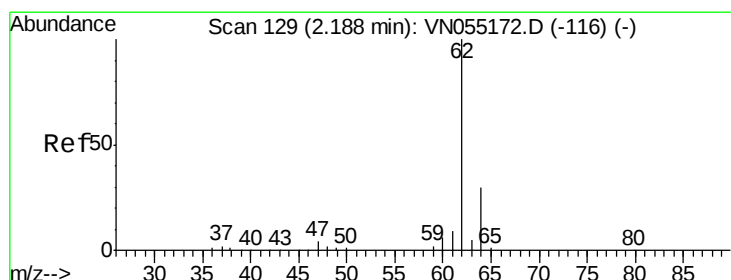
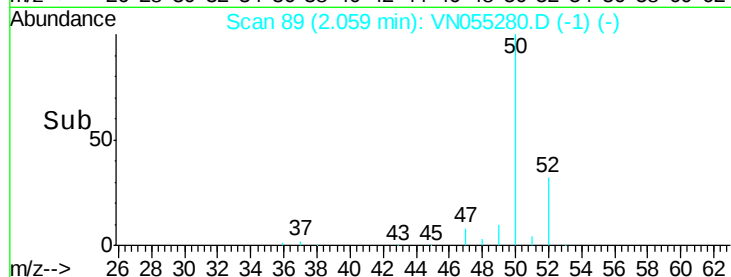
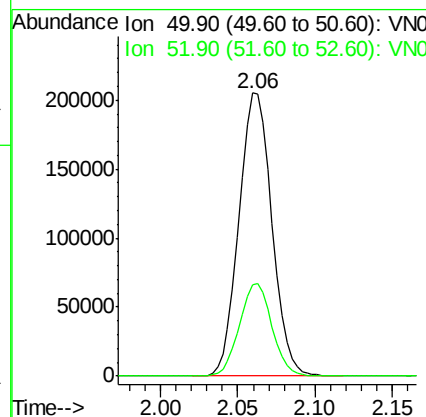
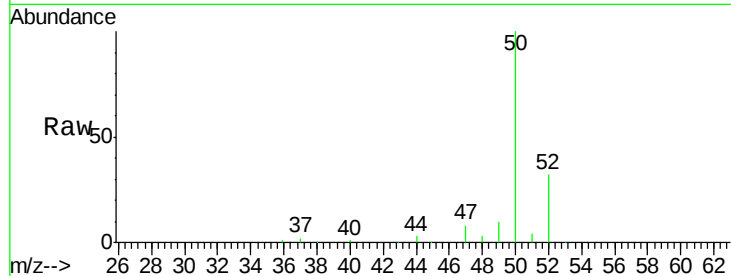
VSTDCCC050EC

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.177 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055280.D

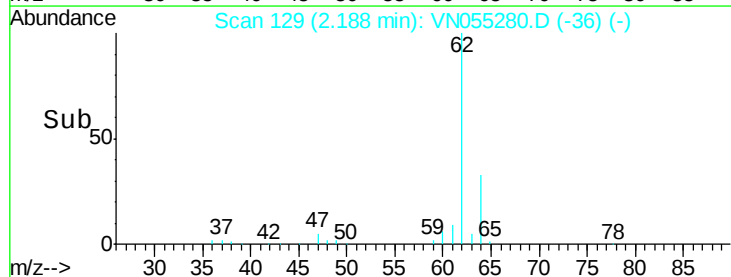
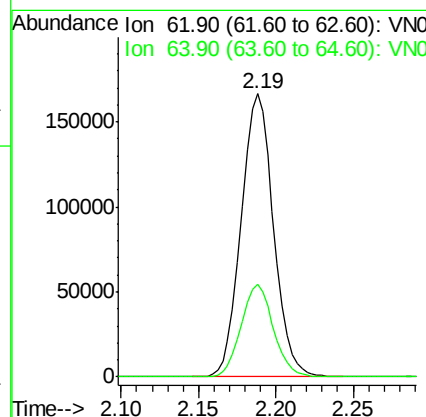
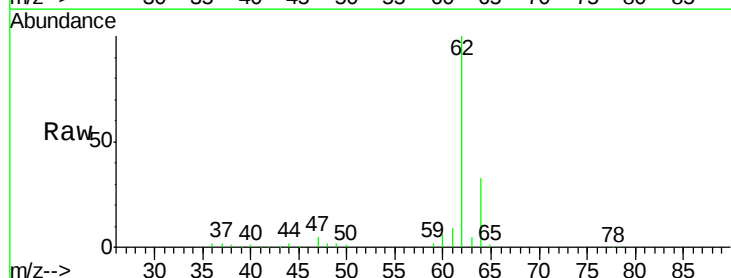
Acq: 26 Apr 2019 16:58

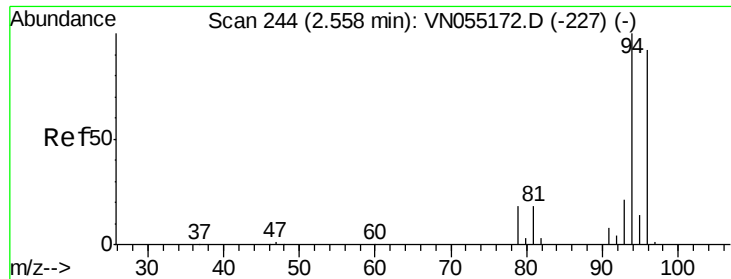
Tgt Ion: 62 Resp: 241219

Ion Ratio Lower Upper

62 100

64 32.7 24.2 36.4





#5

Bromomethane

Concen: 45.384 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

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VSTDCCC050EC

Tot Ion: 94 Resp: 131781

Ion Ratio Lower Upper

94 100

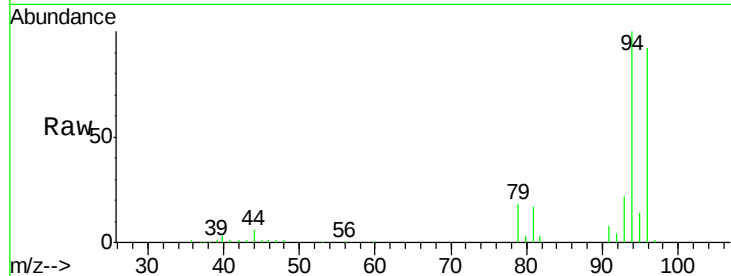
96 91.8 73.4 110.2

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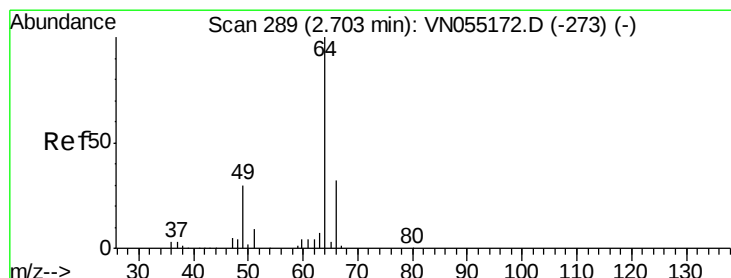
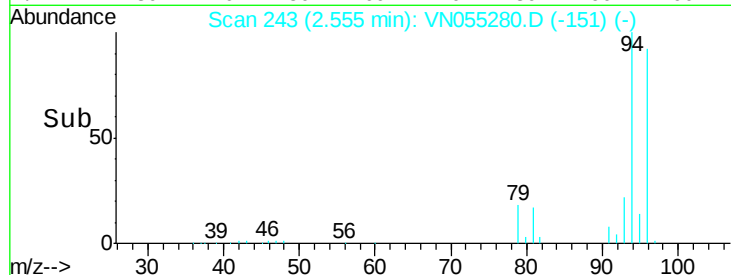
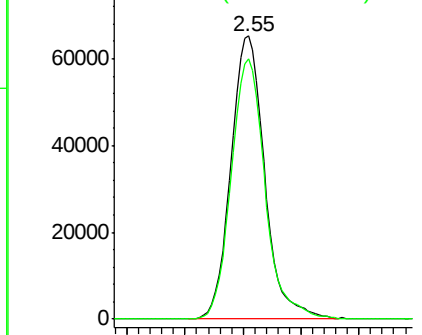
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 49.137 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN055280.D

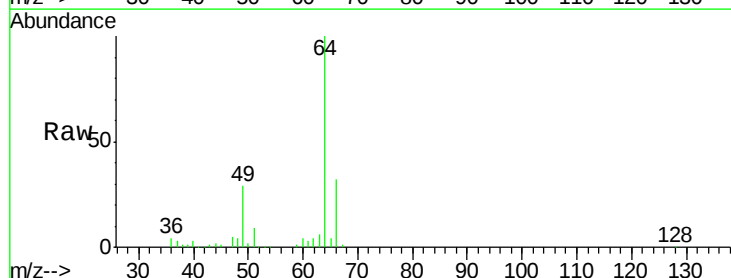
Acq: 26 Apr 2019 16:58

Tgt Ion: 64 Resp: 129672

Ion Ratio Lower Upper

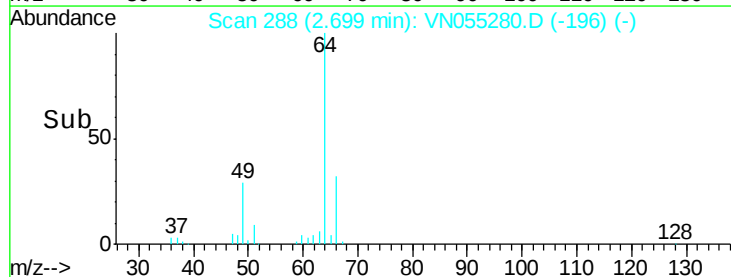
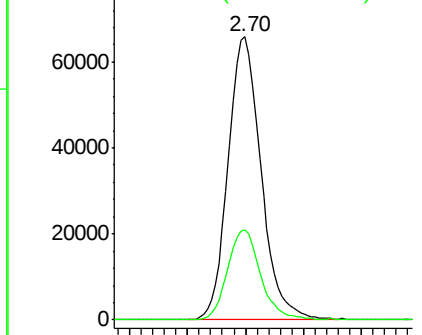
64 100

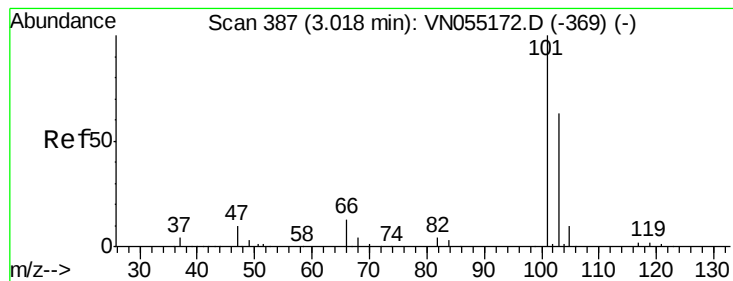
66 31.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





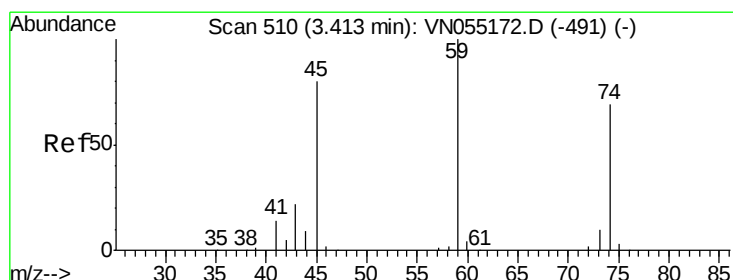
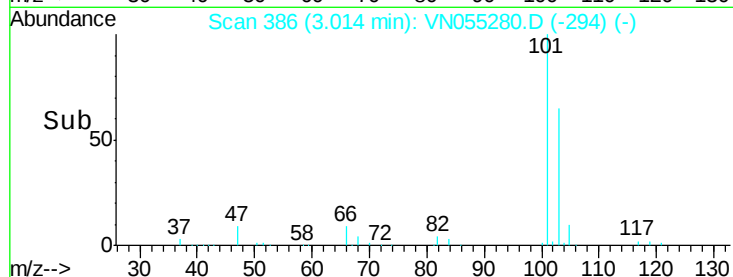
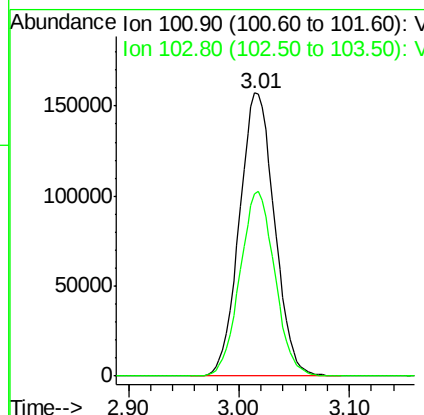
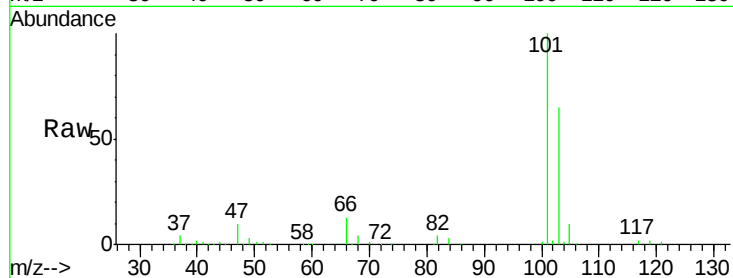
#7
 Trichlorofluoromethane
 Concen: 50.978 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 347351
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.1 75.1

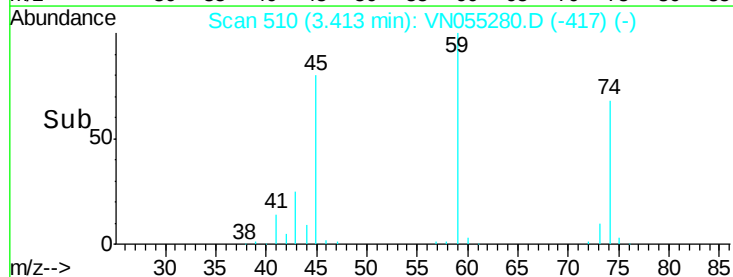
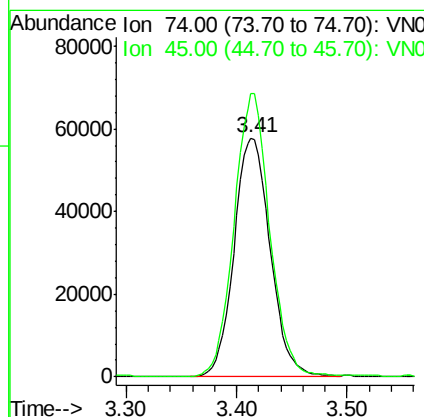
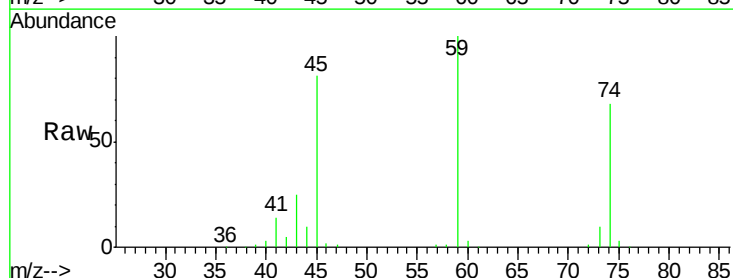
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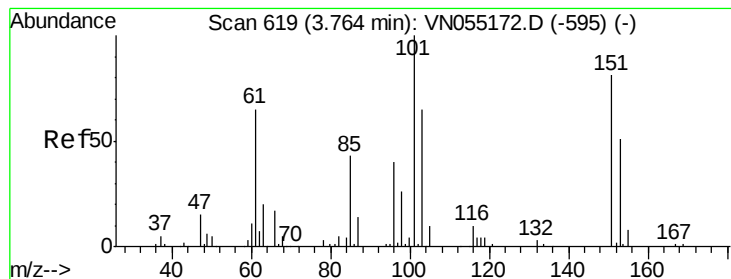
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#8
 Diethyl Ether
 Concen: 54.060 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055280.D
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Tgt Ion: 74 Resp: 131475
 Ion Ratio Lower Upper
 74 100
 45 117.1 56.9 170.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.485 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

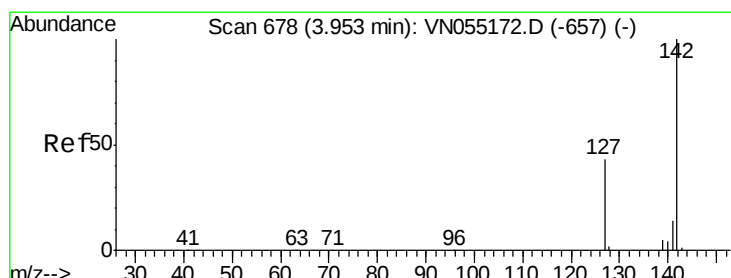
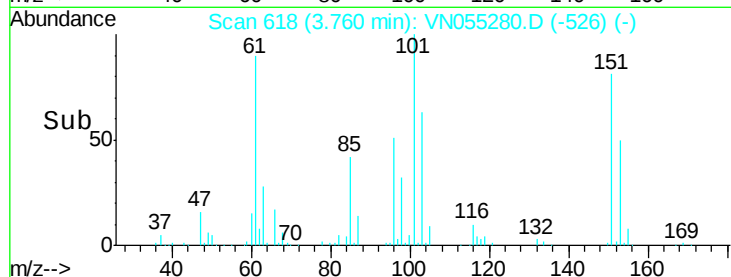
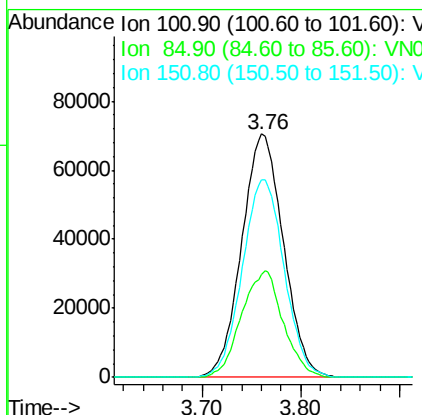
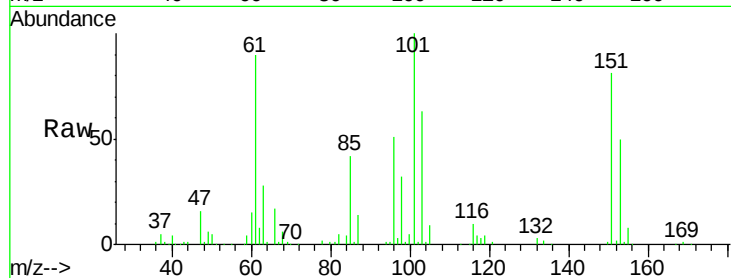
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	206149
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.9	52.3
151	81.6	63.8	95.8

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#10

Methyl Iodide

Concen: 53.092 ug/l

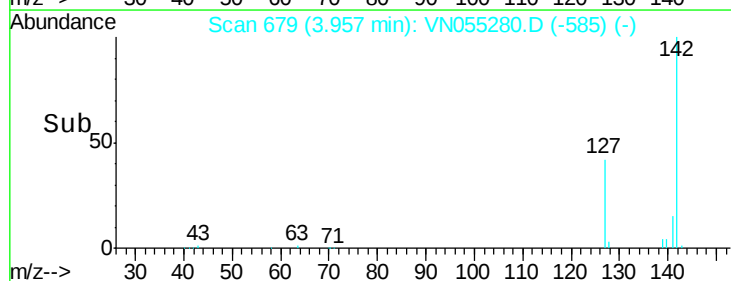
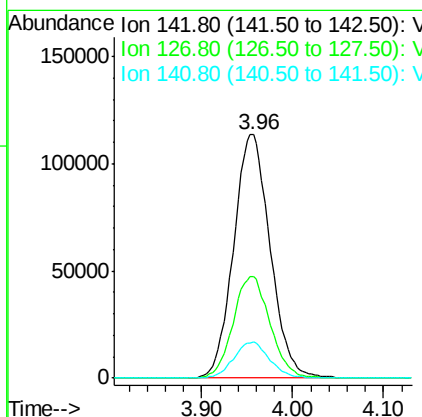
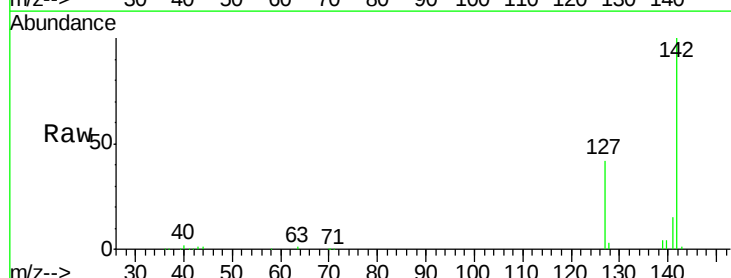
RT: 3.96 min Scan# 679

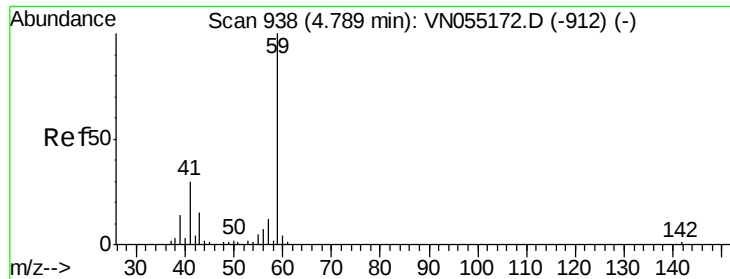
Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Tgt Ion:	142	Resp:	316556
Ion Ratio	Lower	Upper	
142	100		
127	42.3	34.1	51.1
141	14.7	11.4	17.2





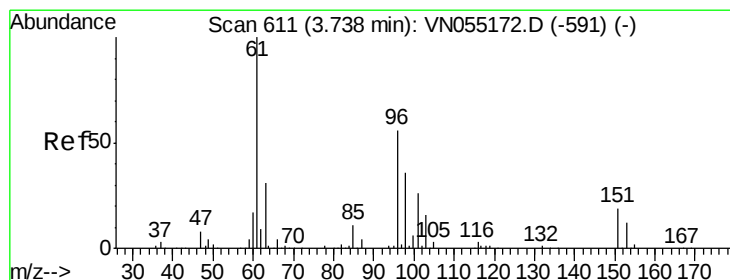
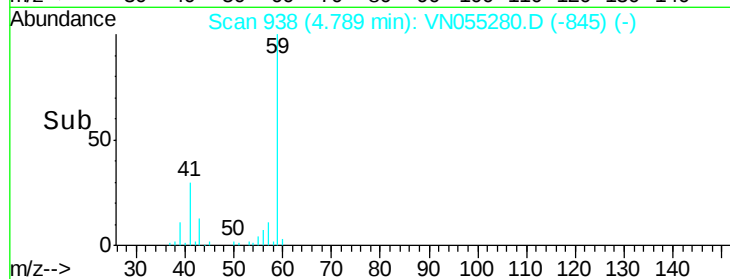
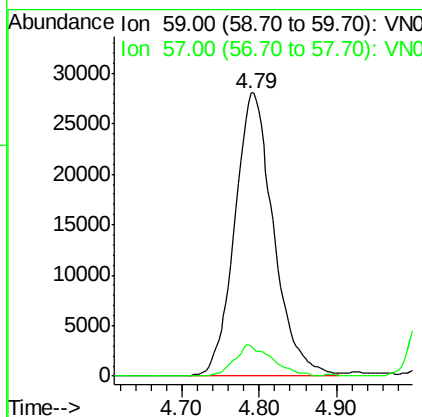
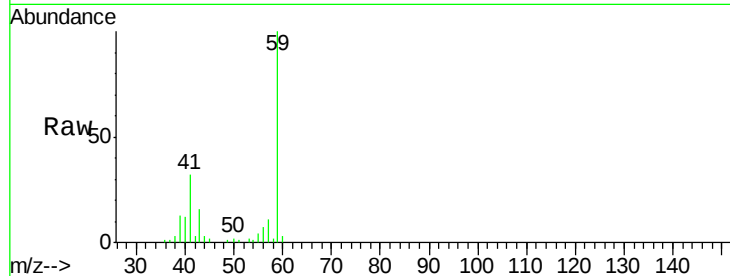
#11
Tert butyl alcohol
Concen: 312.781 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.8	13.2

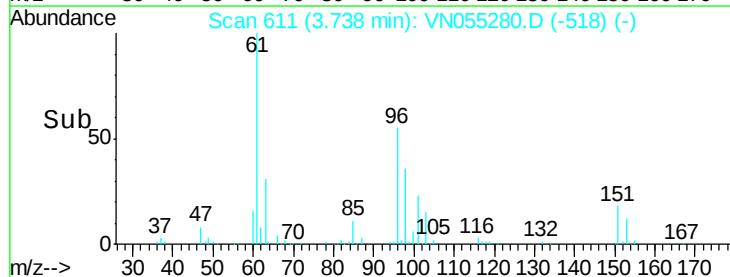
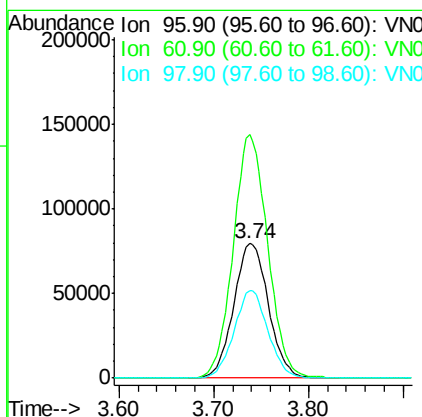
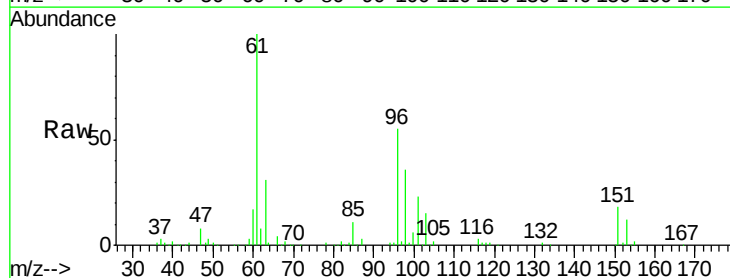
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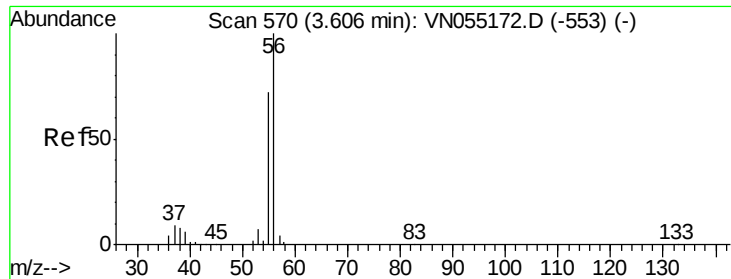
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#12
1,1-Dichloroethene
Concen: 49.918 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.3	142.1	213.1
98	64.7	51.2	76.8





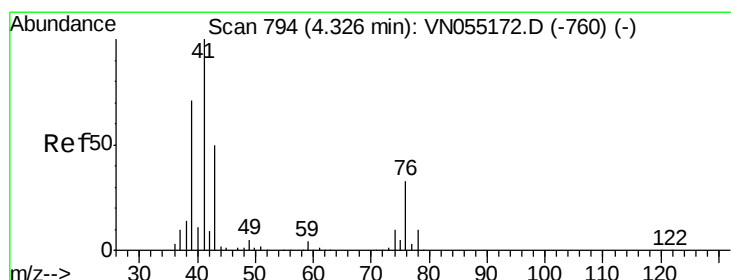
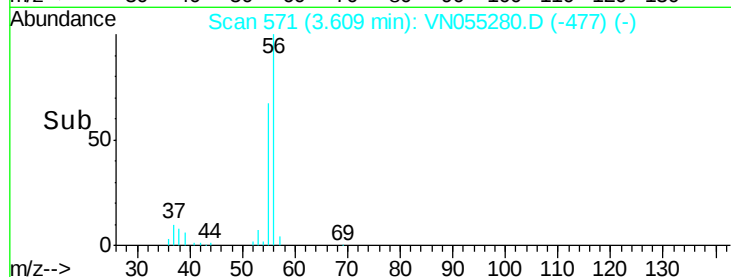
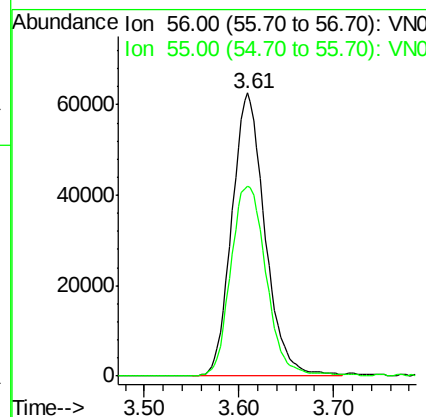
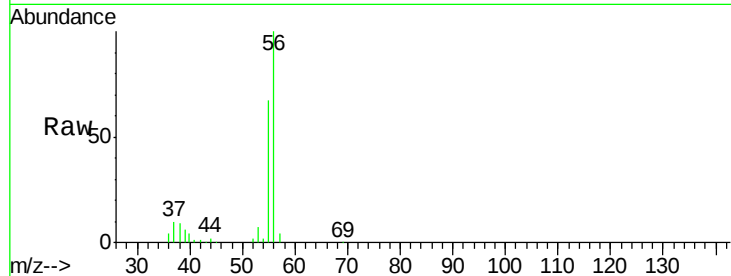
#13
Acrolein
Concen: 321.891 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 152349
Ion Ratio Lower Upper
56 100
55 71.3 57.4 86.0

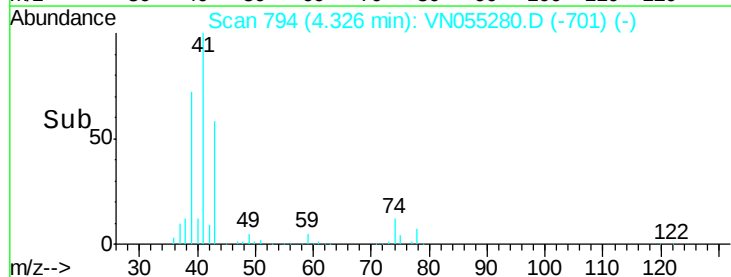
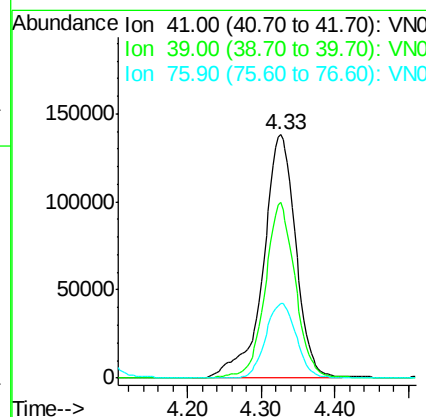
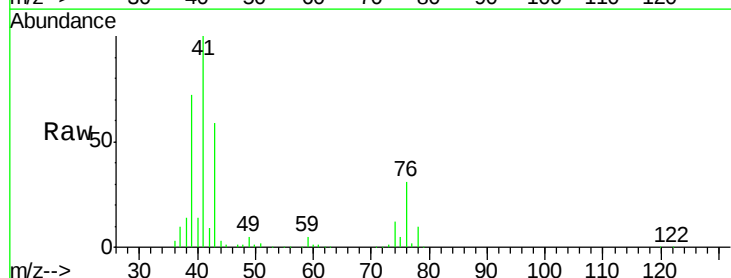
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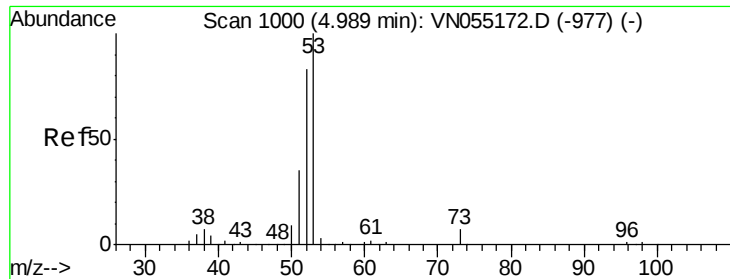
MMDadoda
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#14
Allyl chloride
Concen: 52.645 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 41 Resp: 424071
Ion Ratio Lower Upper
41 100
39 67.0 52.9 79.3
76 29.1 23.6 35.4





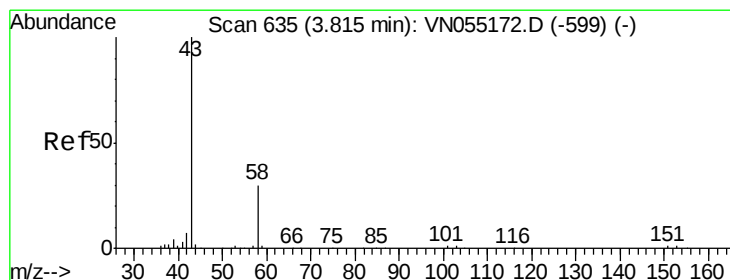
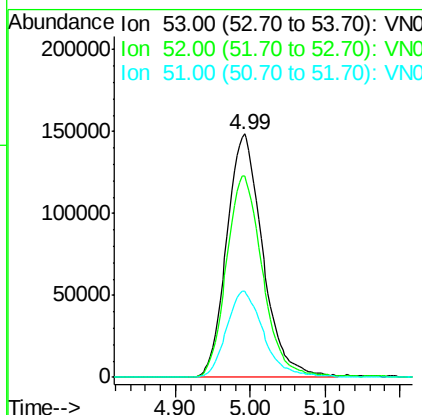
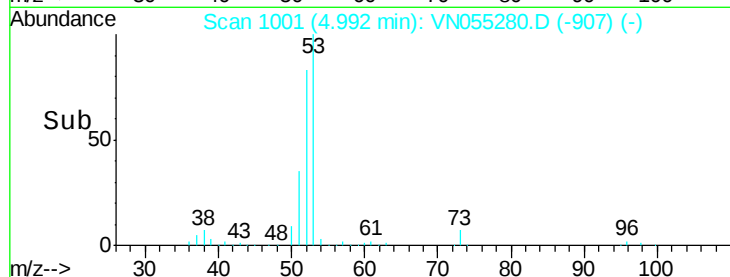
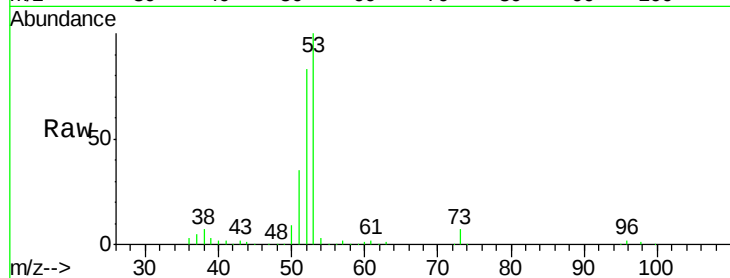
#15
 Acrylonitrile
 Concen: 289.364 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.8
51	36.7	28.9	43.3

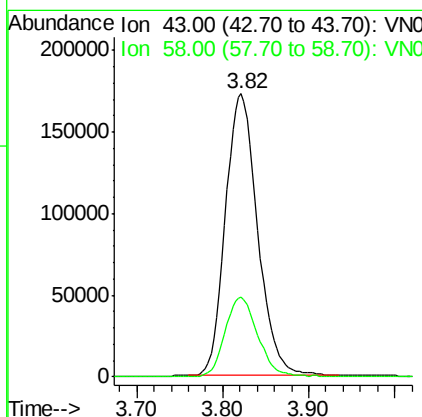
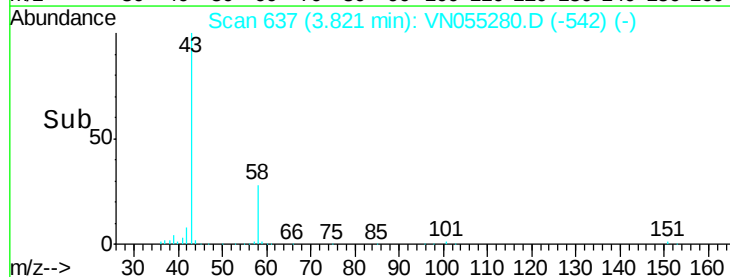
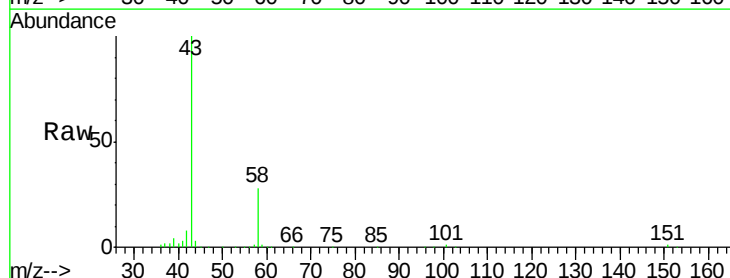
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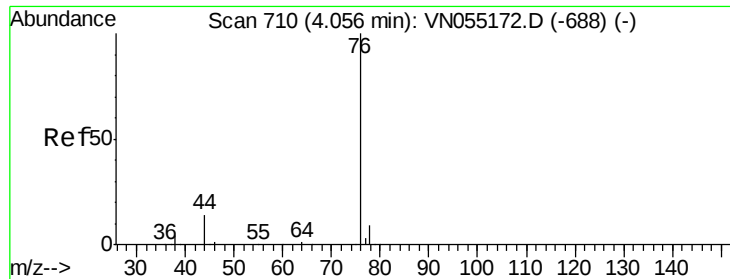
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#16
 Acetone
 Concen: 253.382 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.8	35.8





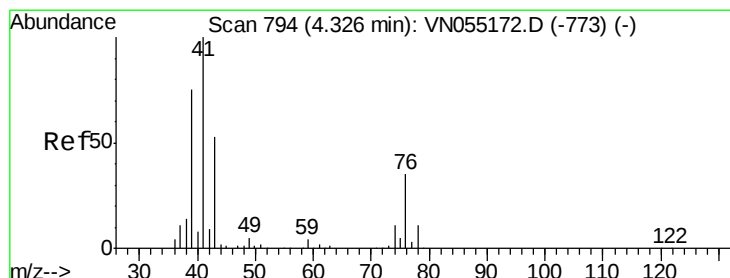
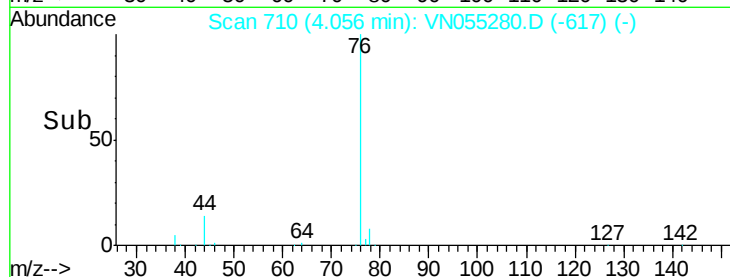
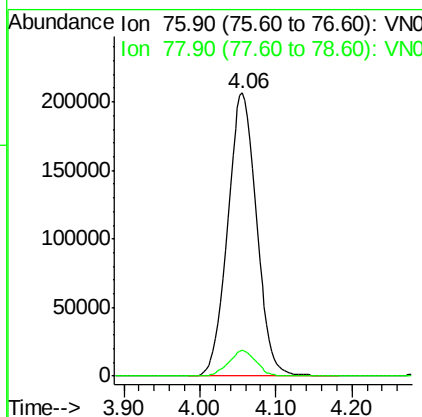
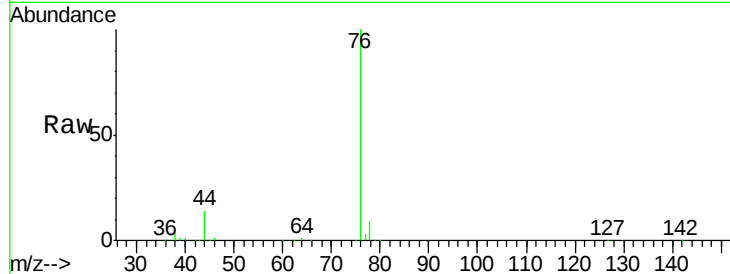
#17
Carbon Disulfide
Concen: 47.791 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

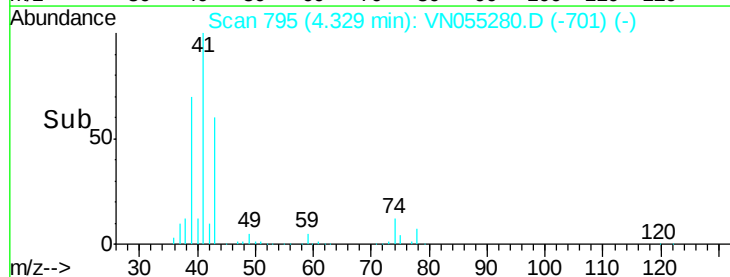
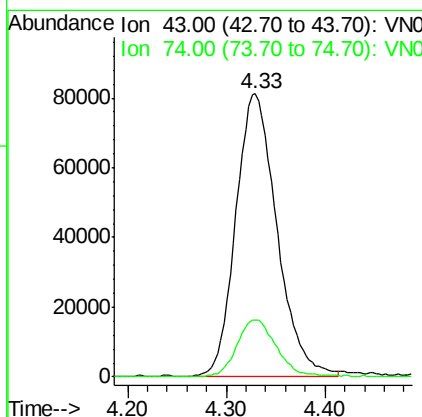
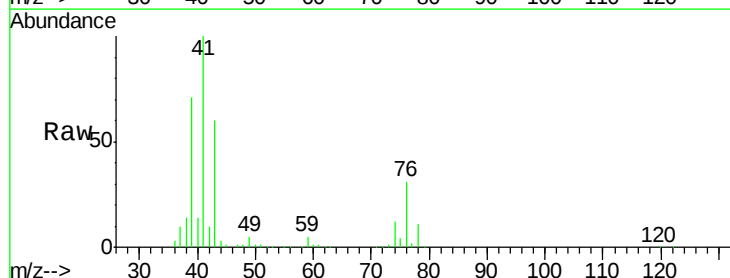
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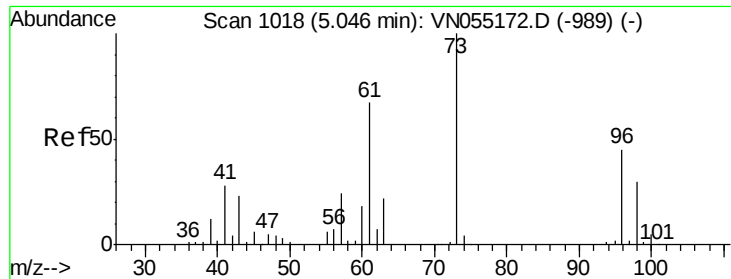
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#18
Methyl Acetate
Concen: 61.572 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.8	16.7	25.1





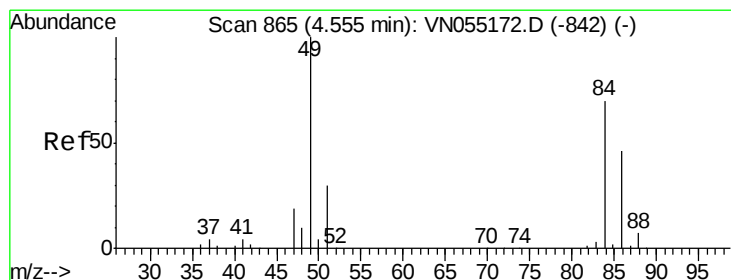
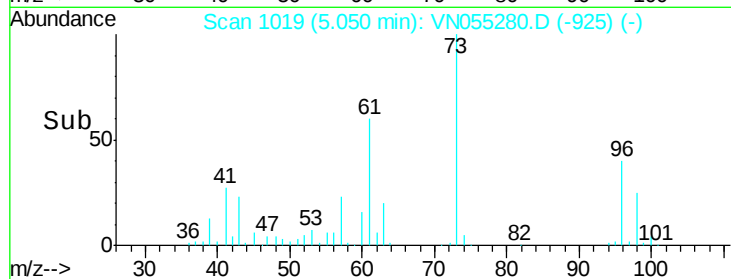
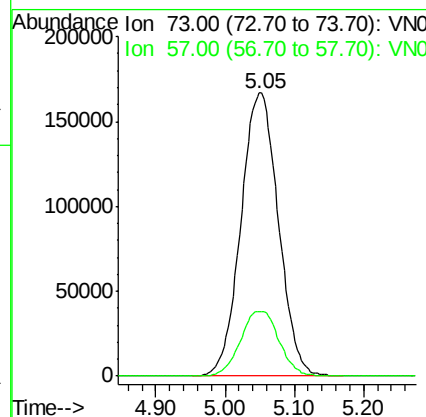
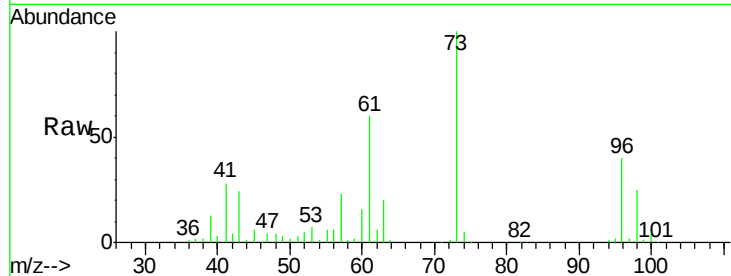
#19
Methyl tert-butyl Ether
Concen: 55.663 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 627096
Ion Ratio Lower Upper
73 100
57 23.0 19.5 29.3

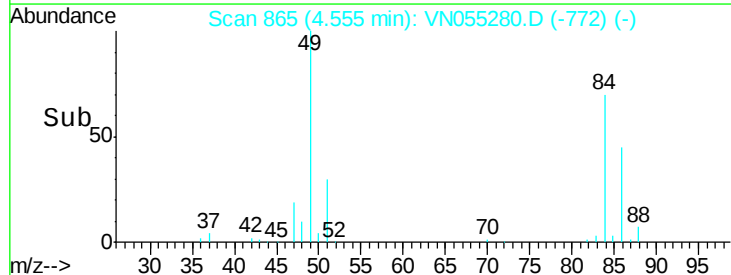
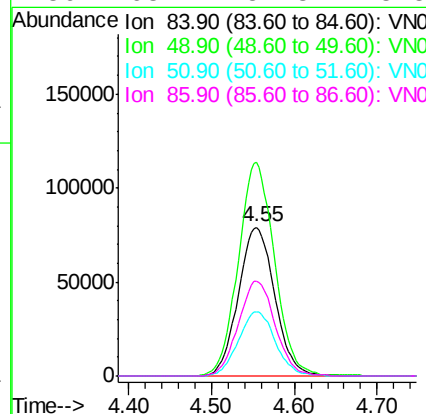
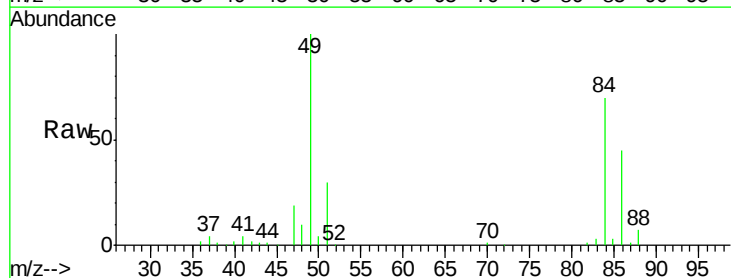
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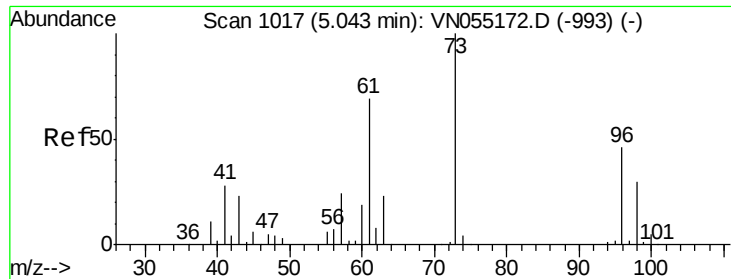
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#20
Methylene Chloride
Concen: 47.524 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 84 Resp: 242120
Ion Ratio Lower Upper
84 100
49 143.2 113.8 170.6
51 43.3 34.0 51.0
86 63.7 52.3 78.5





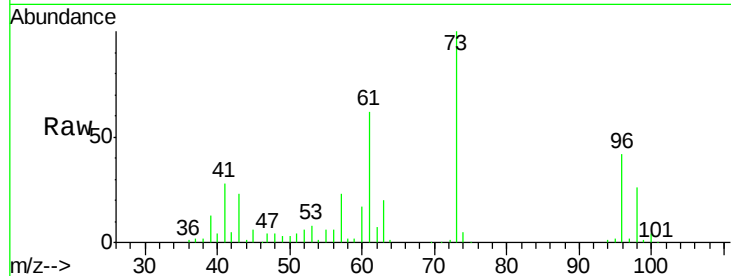
#21
trans-1,2-Dichloroethene
Concen: 50.429 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.2	119.3	178.9
98	61.6	53.0	79.4

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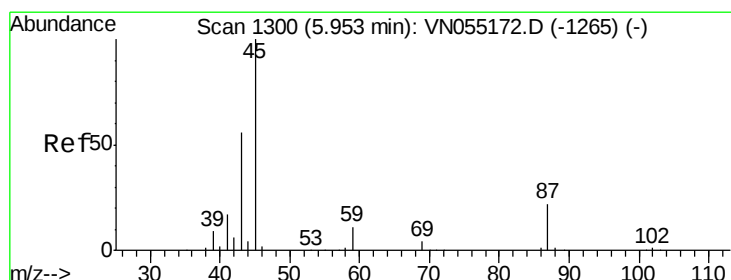
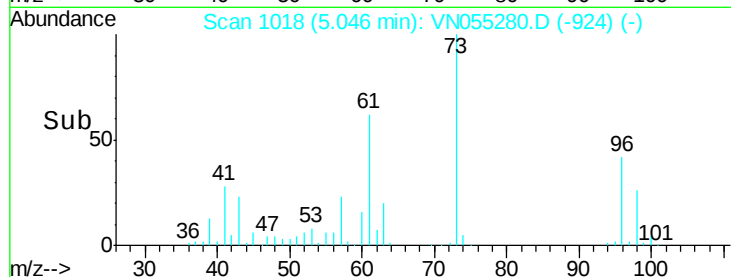
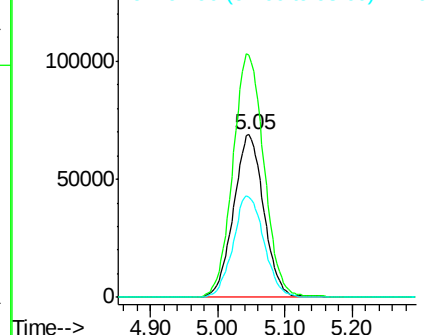


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22
Diisopropyl ether
Concen: 53.765 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.4	47.4	71.0
87	22.3	18.4	27.6
59	11.0	8.6	12.8

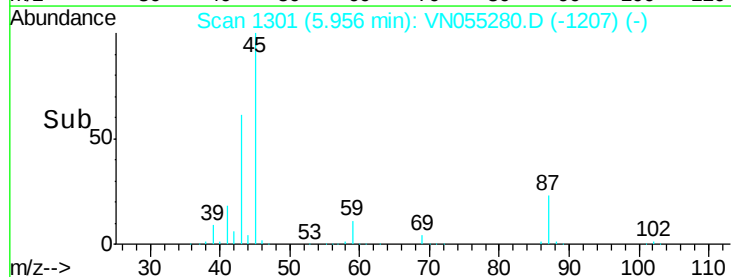
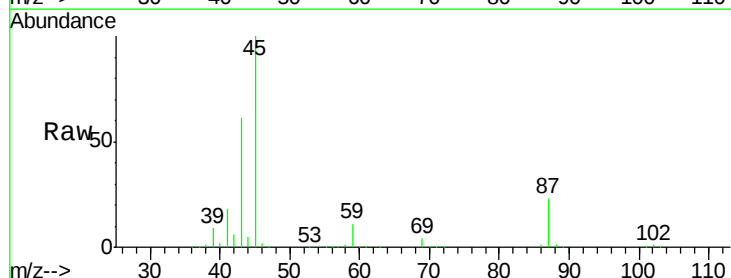
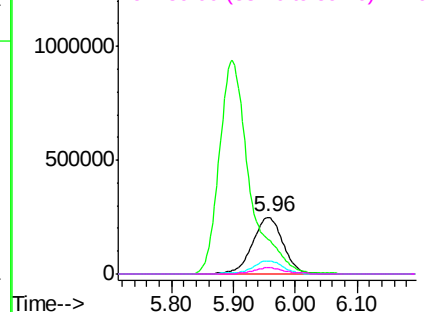
Abundance

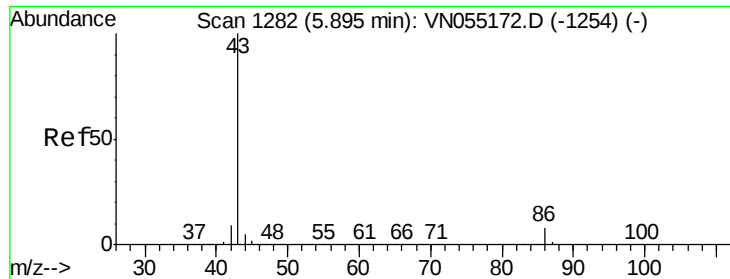
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





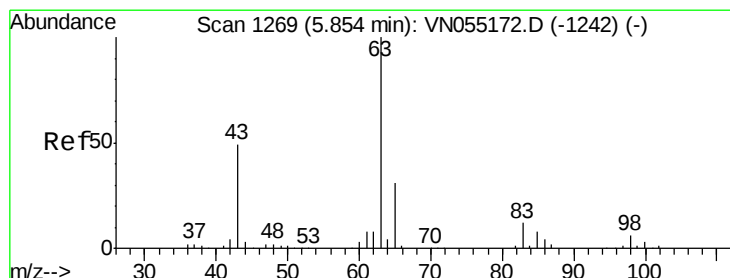
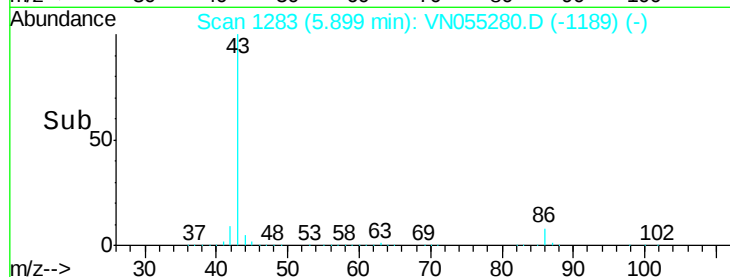
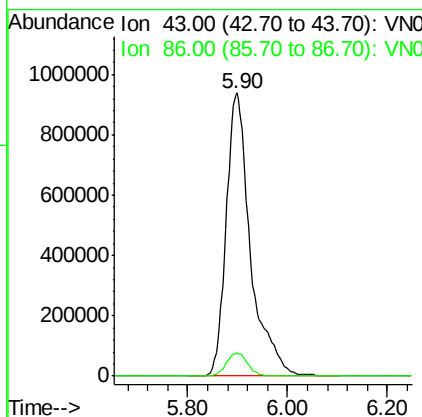
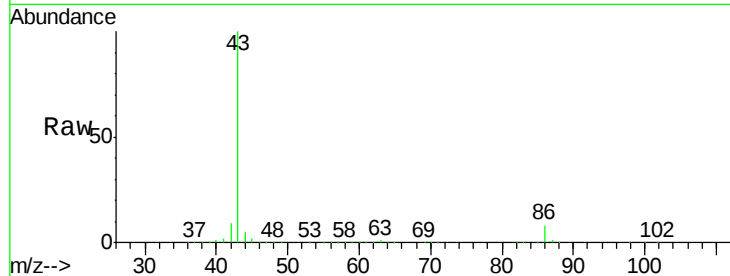
#23
 Vinyl Acetate
 Concen: 295.482 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 3188269
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.8 10.2

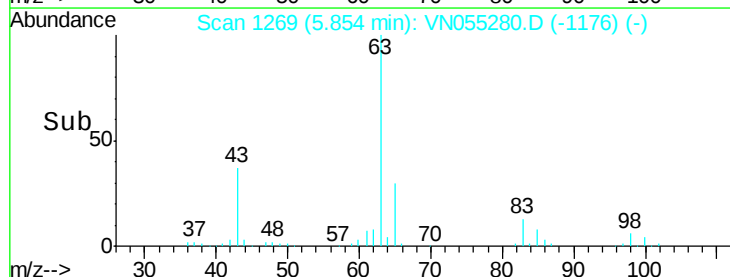
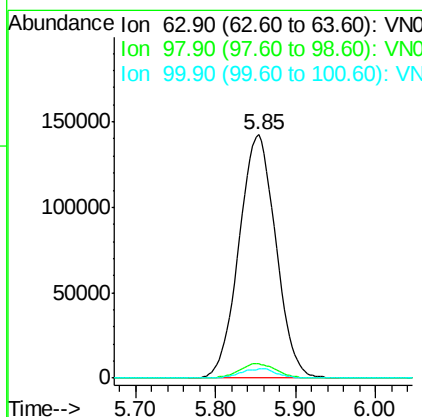
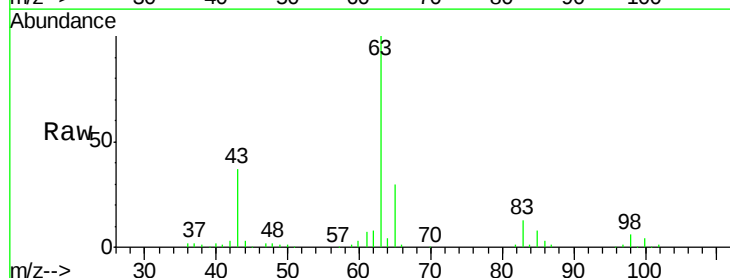
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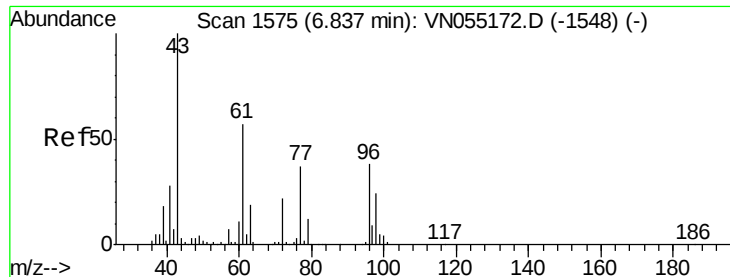
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 51.508 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion: 63 Resp: 444858
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.1 9.3
 100 3.8 1.8 5.3





#25

2-Butanone

Concen: 279.508 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 639491

Ion Ratio Lower Upper

43 100

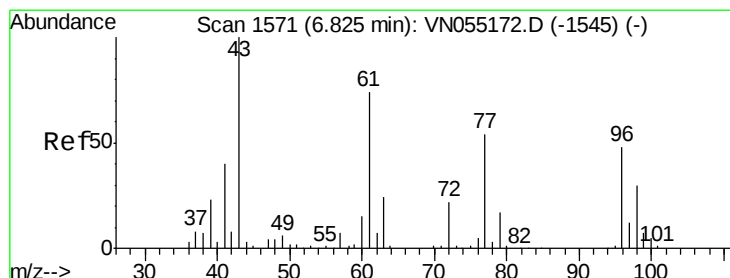
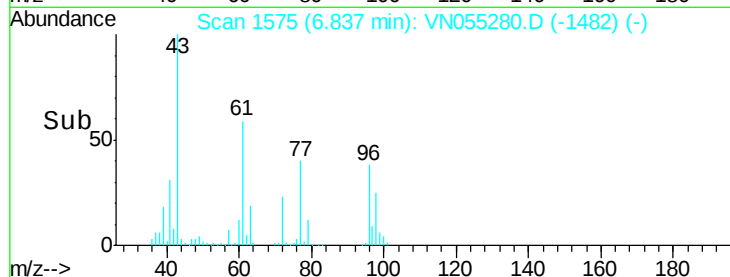
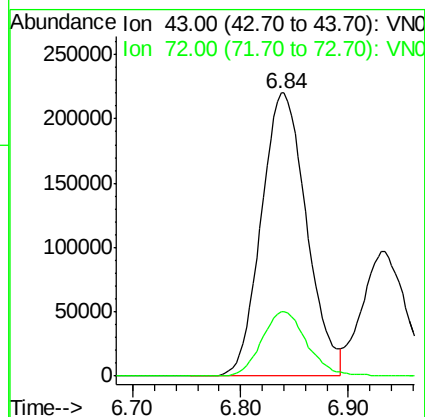
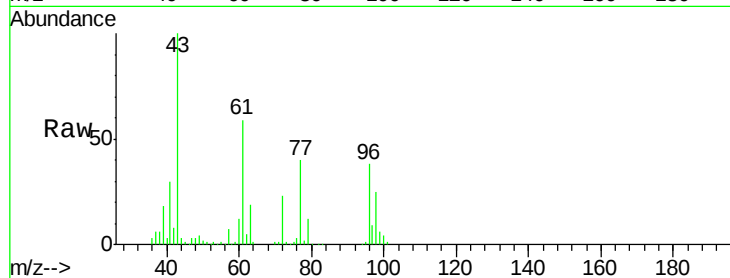
72 22.8 17.8 26.8

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#26

2,2-Dichloropropane

Concen: 52.911 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055280.D

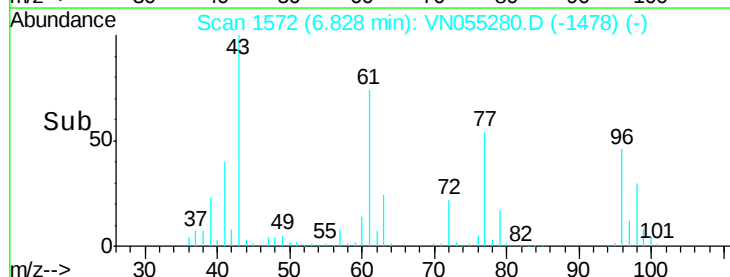
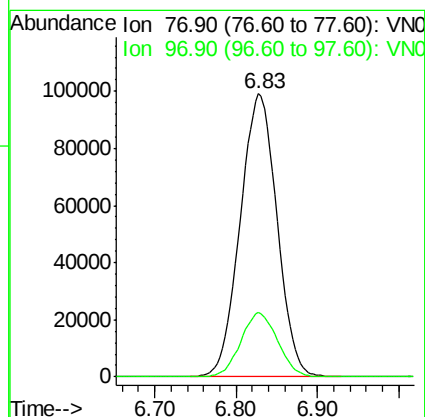
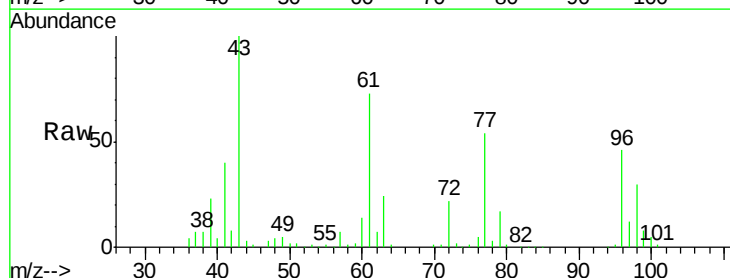
Acq: 26 Apr 2019 16:58

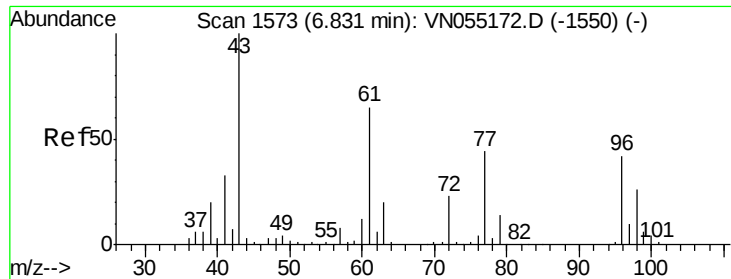
Tgt Ion: 77 Resp: 309240

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 50.906 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

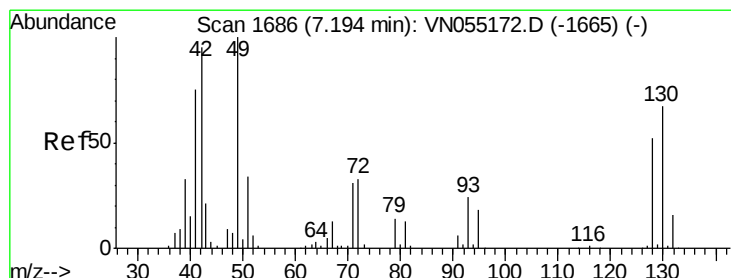
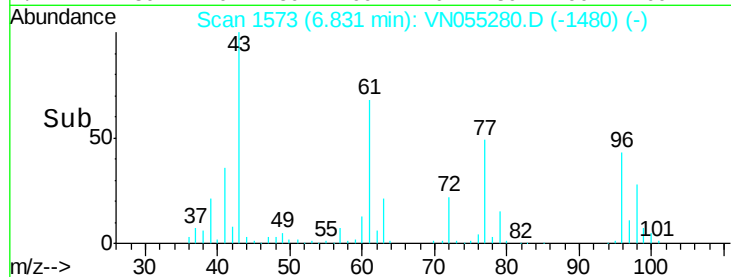
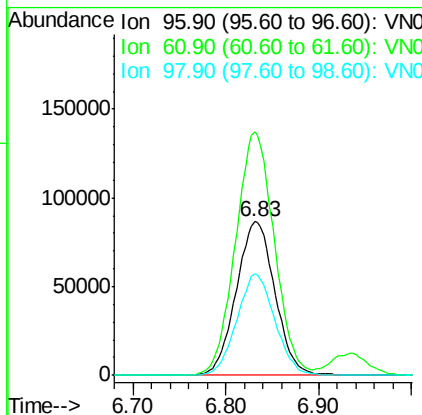
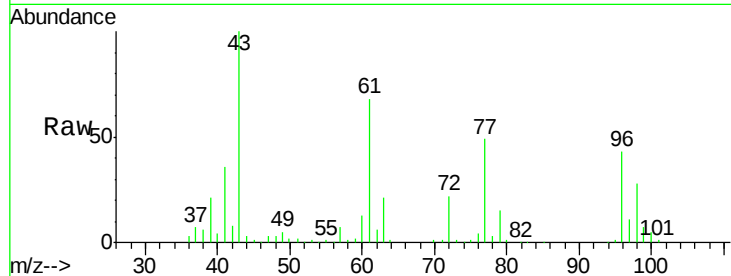
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	250742
Ion Ratio	Lower	Upper	
96	100		
61	158.7	0.0	310.8
98	65.3	0.0	127.4

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#28

Bromochloromethane

Concen: 48.946 ug/l

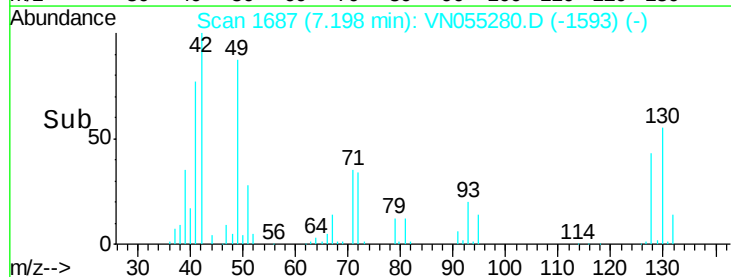
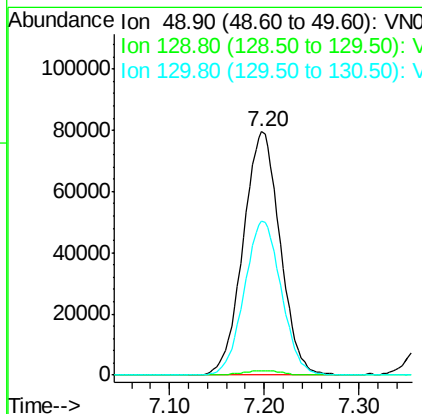
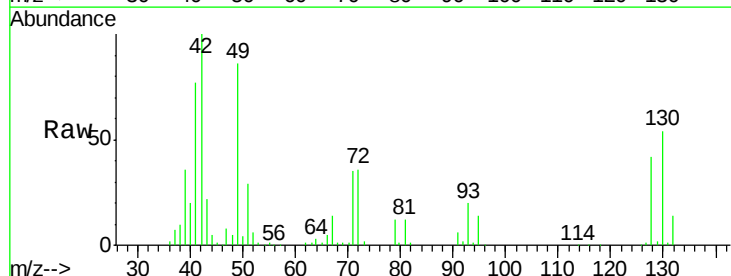
RT: 7.20 min Scan# 1687

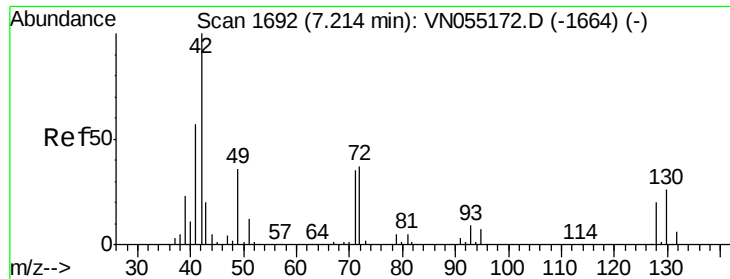
Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Tgt Ion:	49	Resp:	215485
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	3.8
130	63.2	53.4	80.2





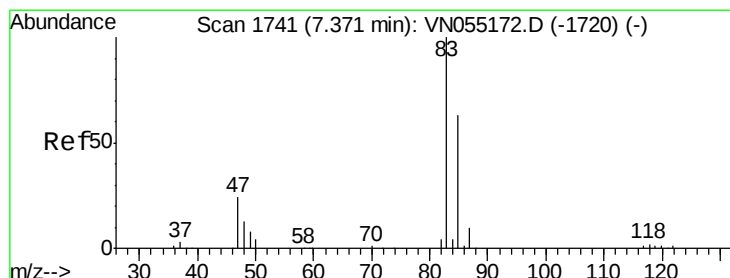
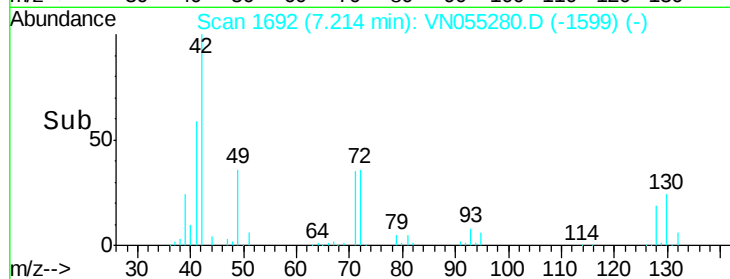
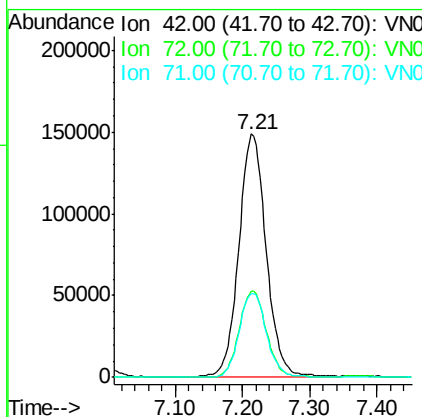
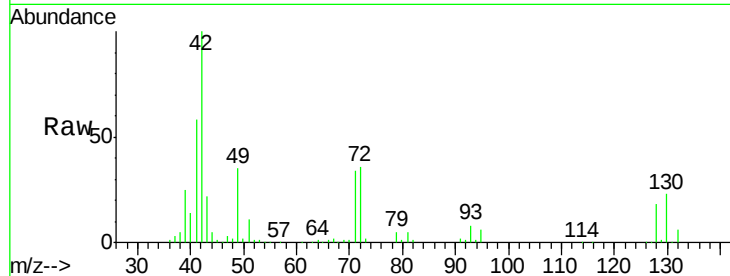
#29
Tetrahydrofuran
Concen: 298.038 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.5	29.4	44.2
71	34.3	27.8	41.8

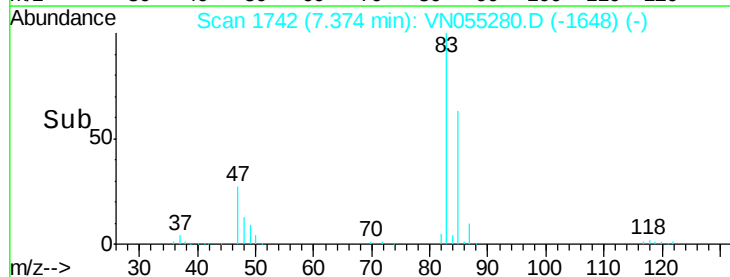
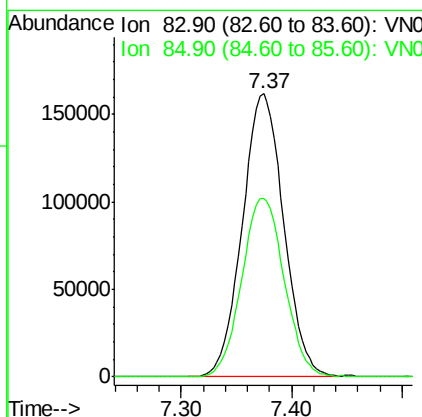
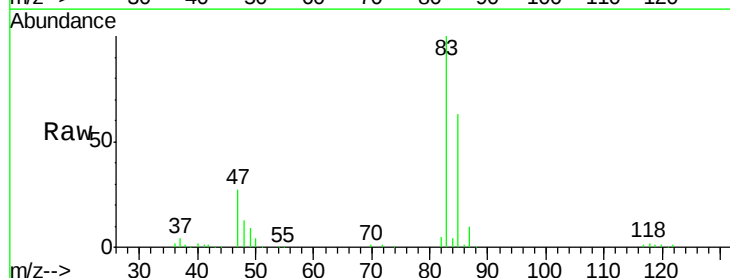
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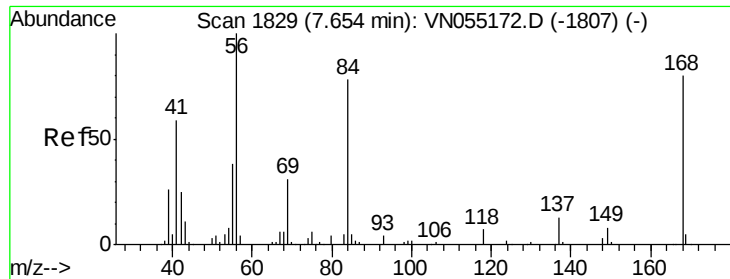
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#30
Chloroform
Concen: 51.186 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	76.0





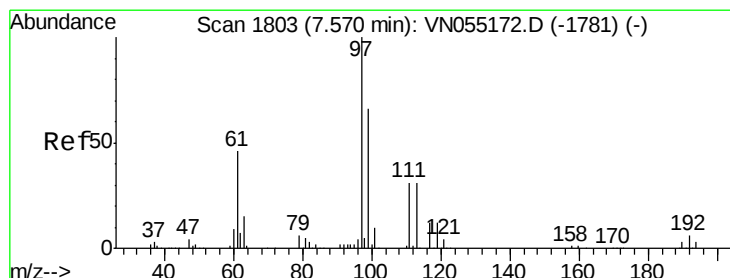
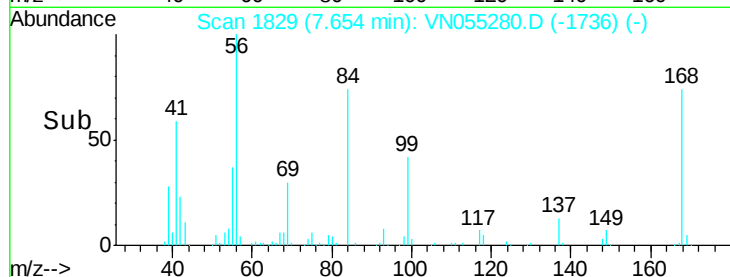
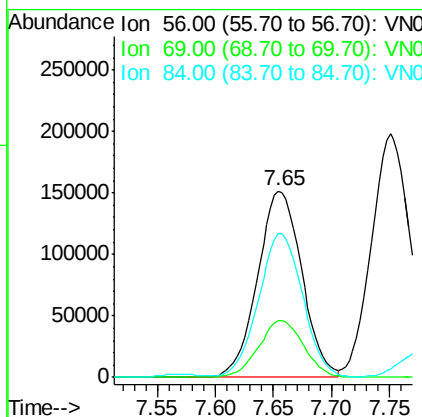
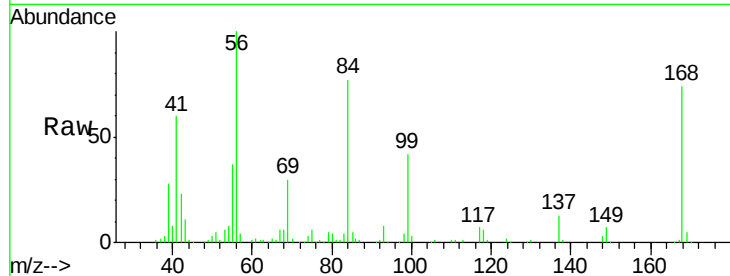
#31
Cyclohexane
Concen: 49.653 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.6	37.0
84	75.3	61.4	92.2

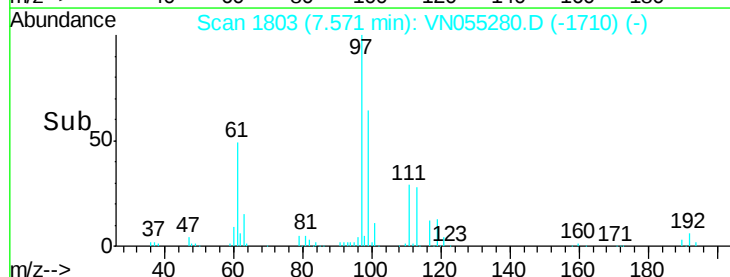
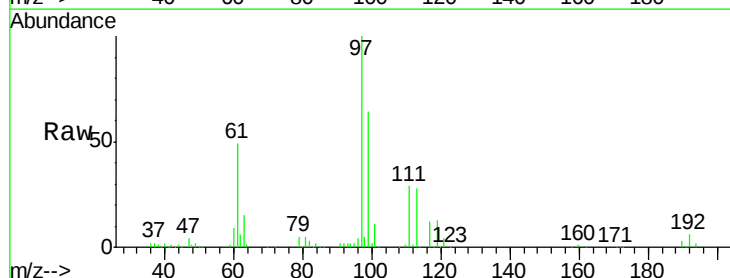
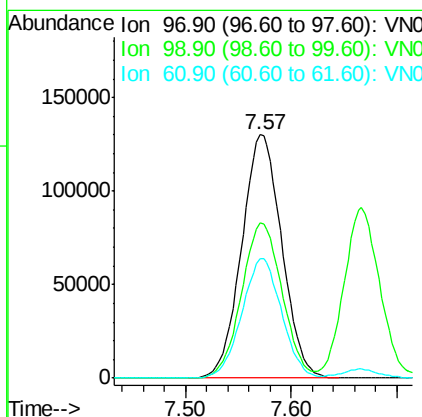
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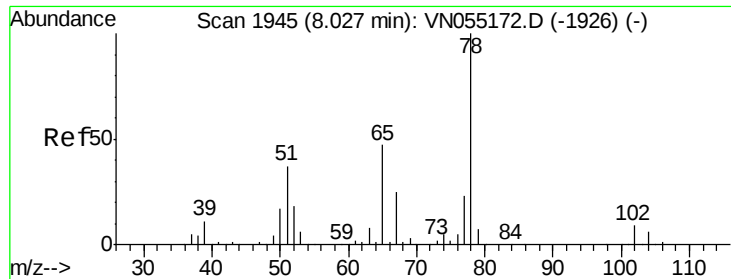
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#32
1,1,1-Trichloroethane
Concen: 52.154 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.1	76.7
61	48.7	38.3	57.5





#33

1,2-Dichloroethane-d4

Concen: 51.598 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 276604

Ion Ratio Lower Upper

65 100

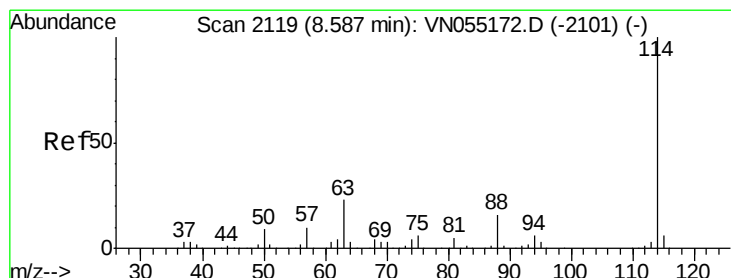
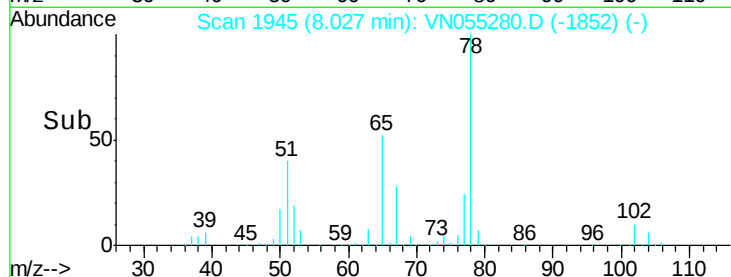
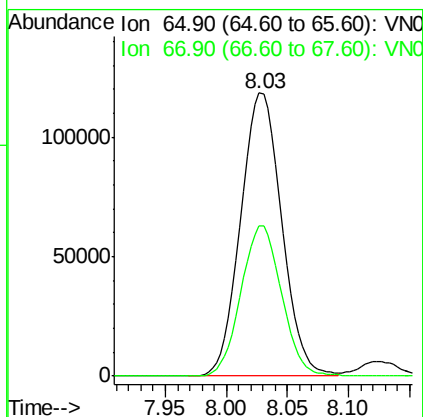
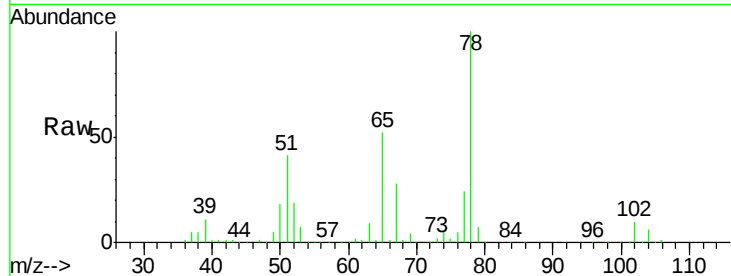
67 52.4 0.0 108.6

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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: VN055280.D

Acq: 26 Apr 2019 16:58

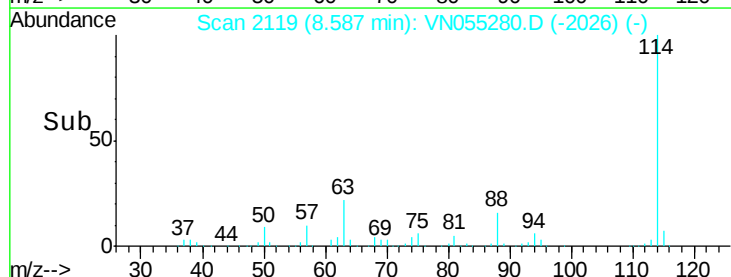
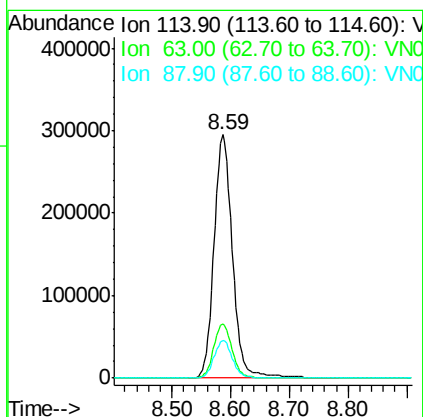
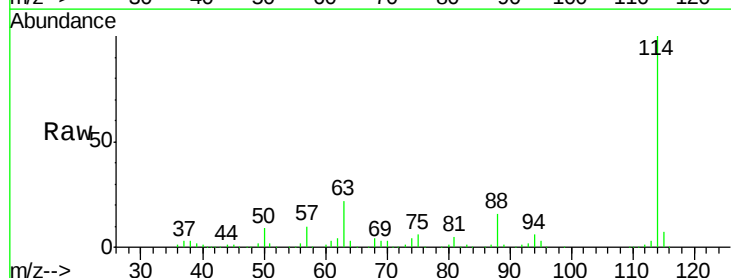
Tgt Ion: 114 Resp: 641697

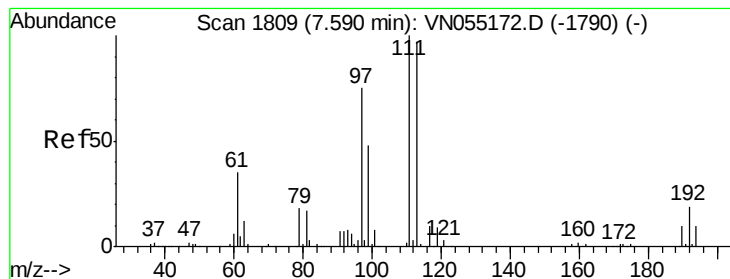
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.2

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.499 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

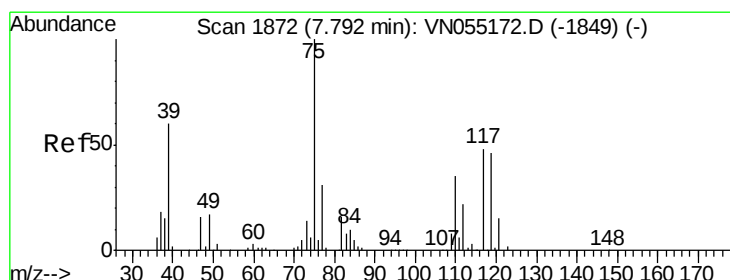
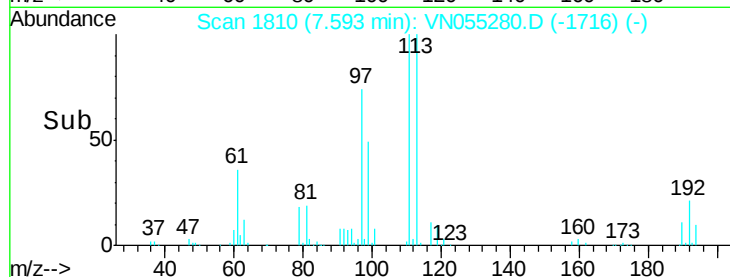
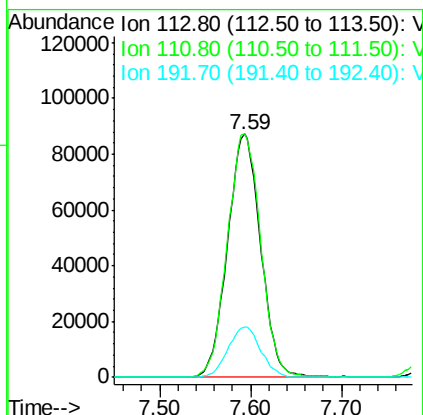
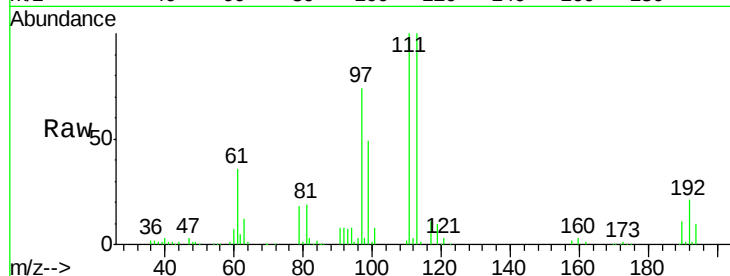
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	220142
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.0	121.4
192	20.6	16.2	24.4

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#36

1,1-Dichloropropene

Concen: 52.010 ug/l

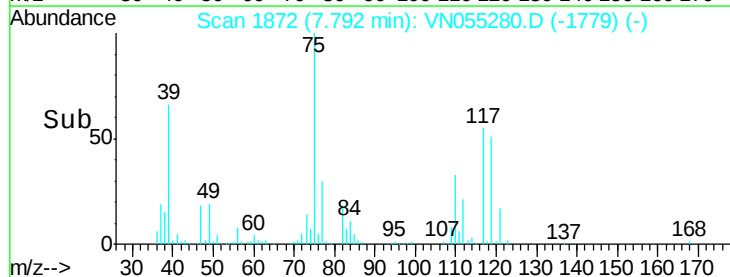
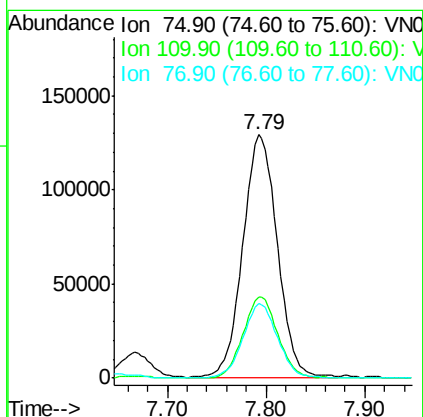
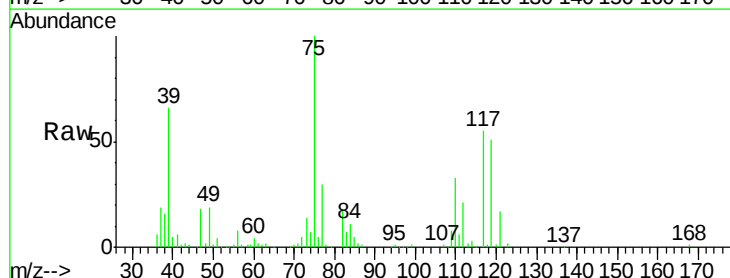
RT: 7.79 min Scan# 1872

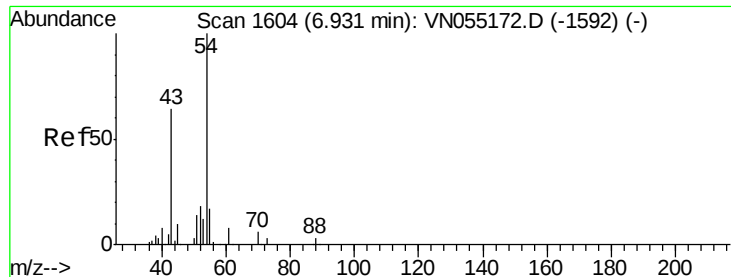
Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Tgt Ion:	75	Resp:	309769
Ion Ratio	Lower	Upper	
75	100		
110	33.7	17.1	51.2
77	31.1	24.6	36.8





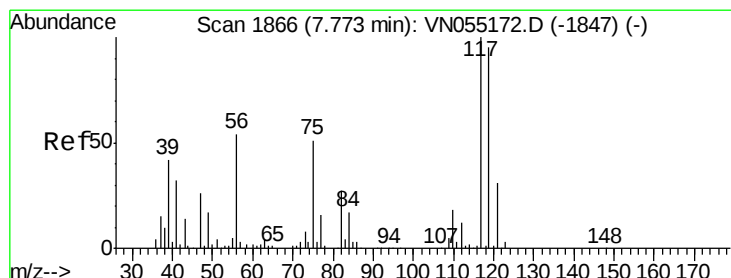
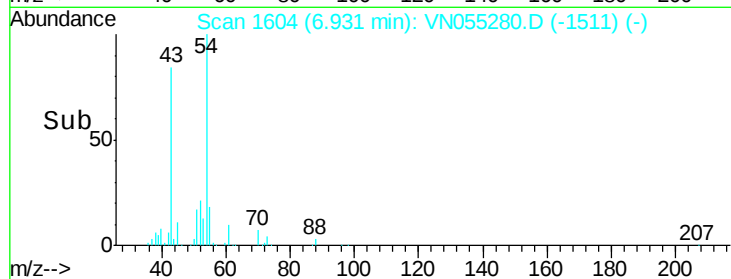
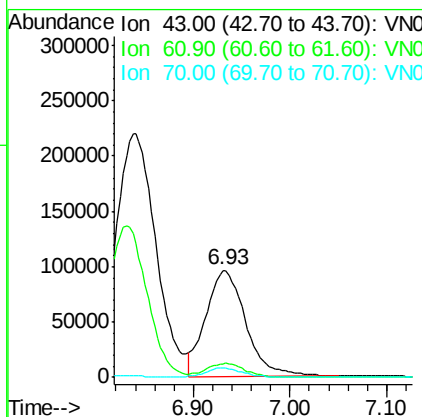
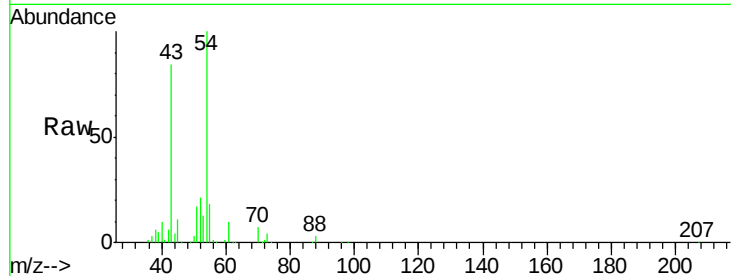
#37
Ethyl Acetate
Concen: 56.796 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.7	14.5
70	8.3	6.9	10.3

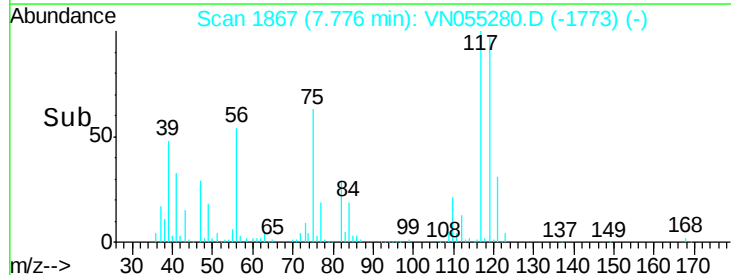
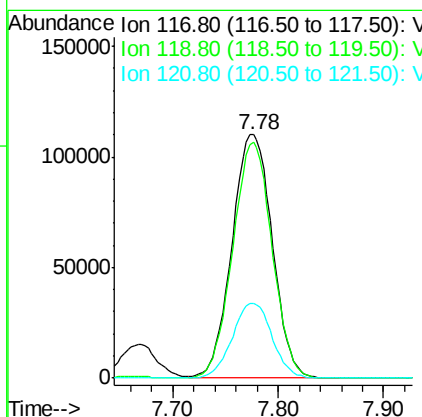
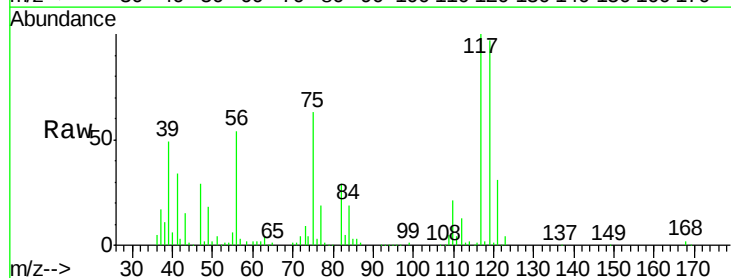
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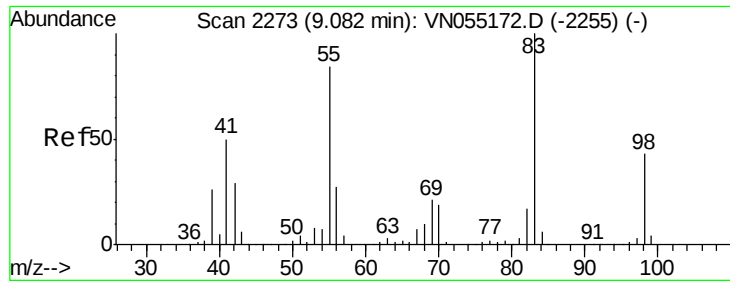
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#38
Carbon Tetrachloride
Concen: 52.388 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.0	114.0
121	30.7	24.6	36.8





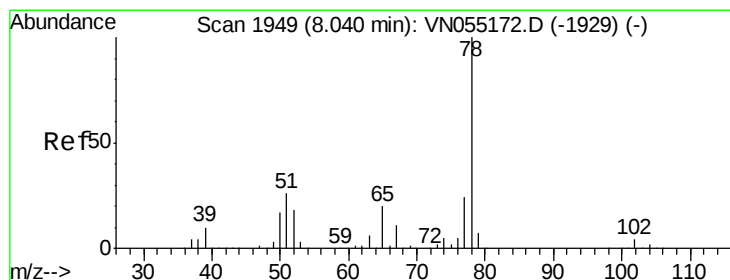
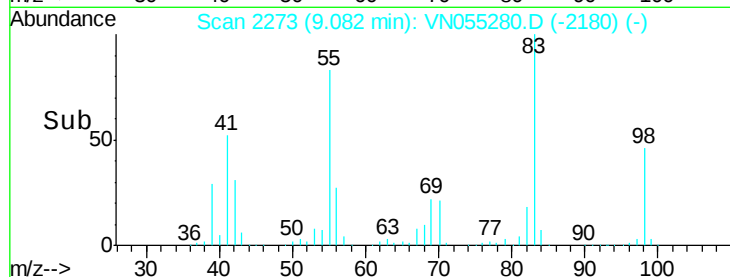
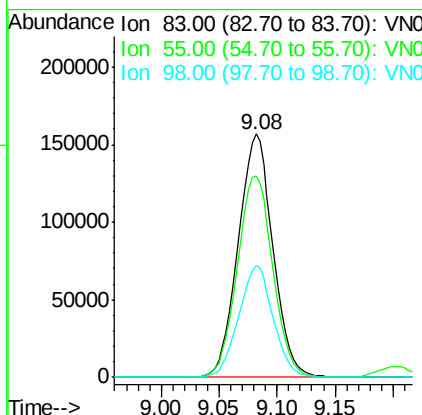
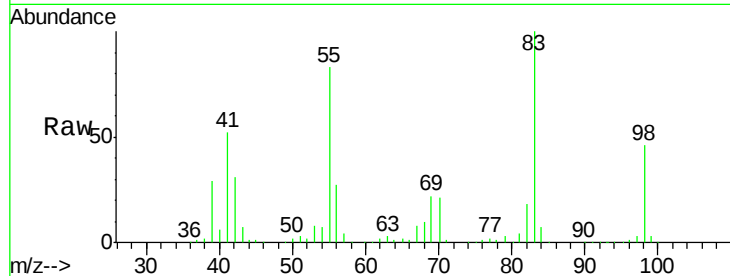
#39
Methvlcvclohexane
Concen: 45.815 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.8	67.4	101.0
98	45.9	34.7	52.1

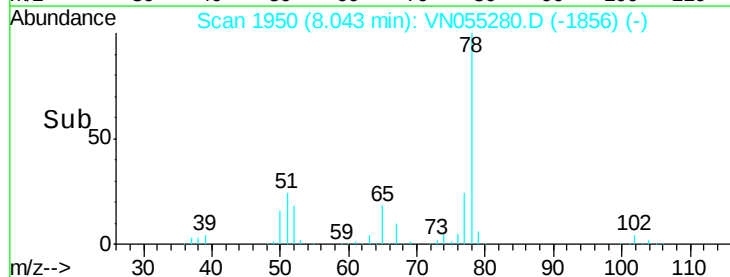
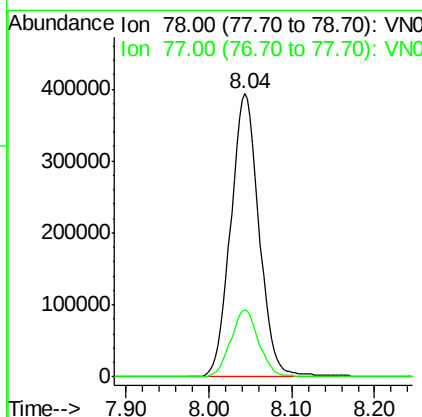
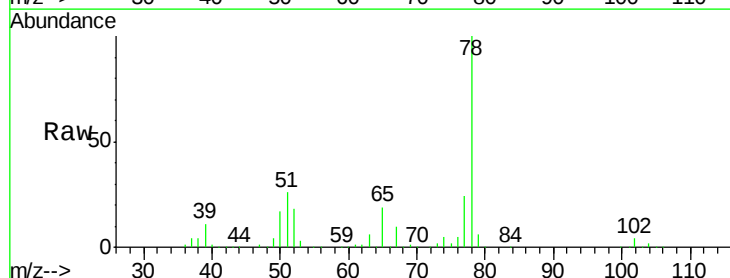
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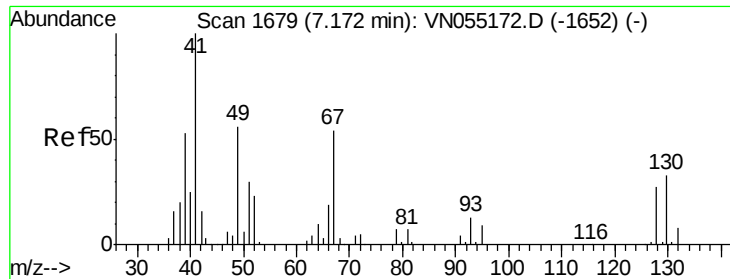
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#40
Benzene
Concen: 51.113 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.5	29.3





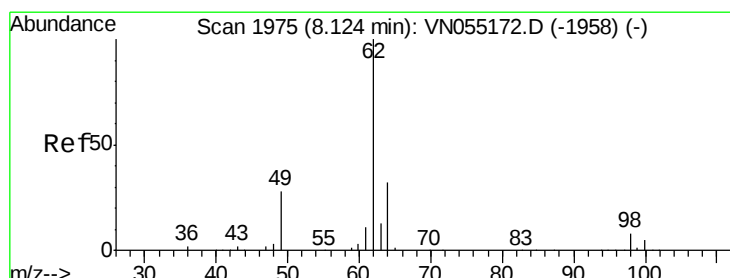
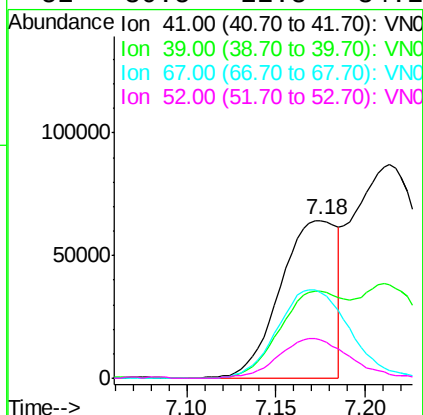
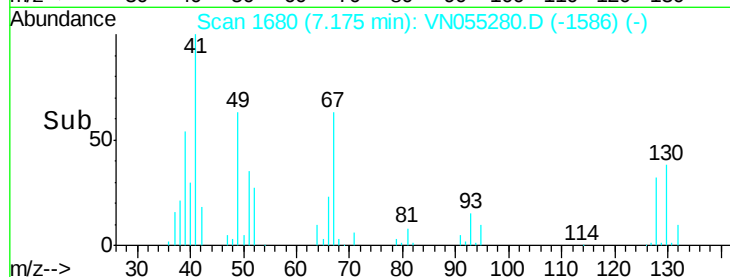
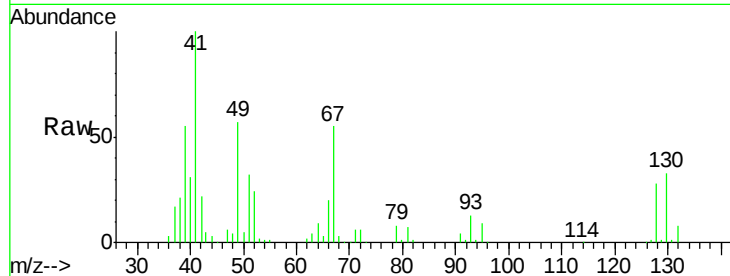
#41
Methacrylonitrile
Concen: 56.260 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	63.1	45.4	68.0	
67	72.3	54.6	81.8	
52	30.5	22.8	34.2	

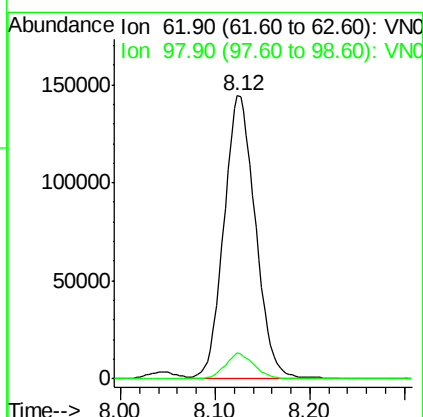
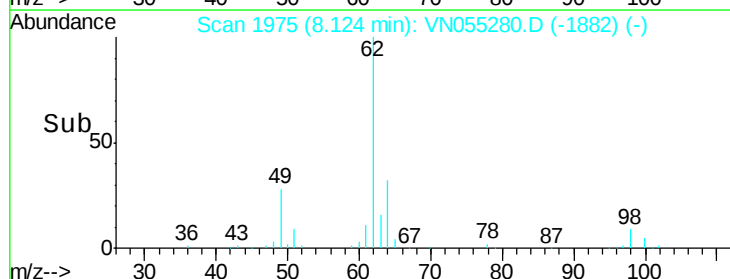
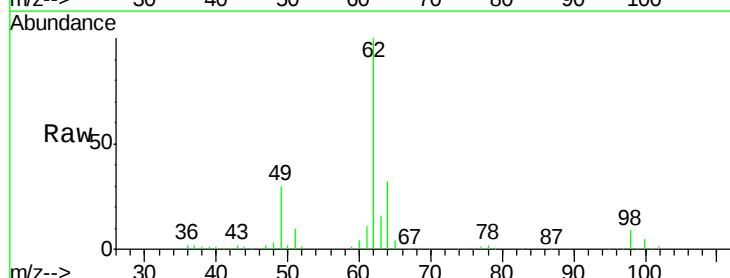
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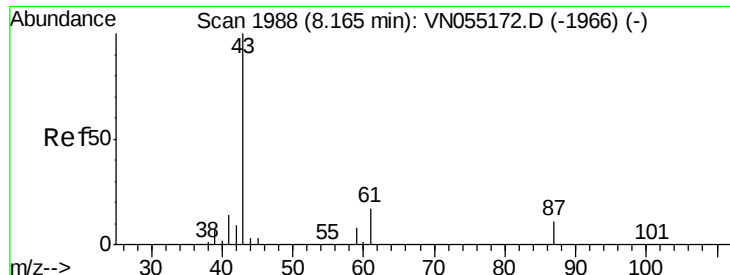
MMDadoda
4/29/2019 10:57:11 AM



#42
1,2-Dichloroethane
Concen: 51.920 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.0	





#43

Isopropyl Acetate

Concen: 59.837 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

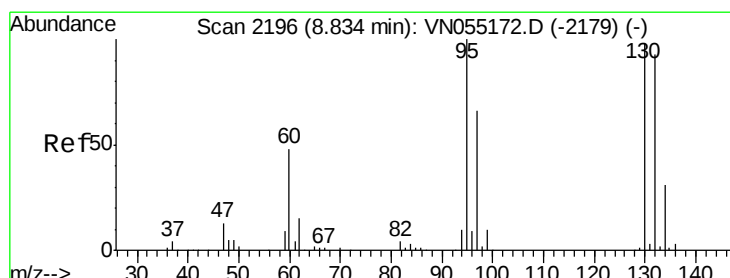
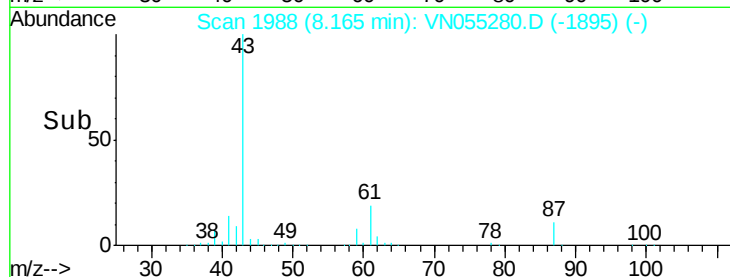
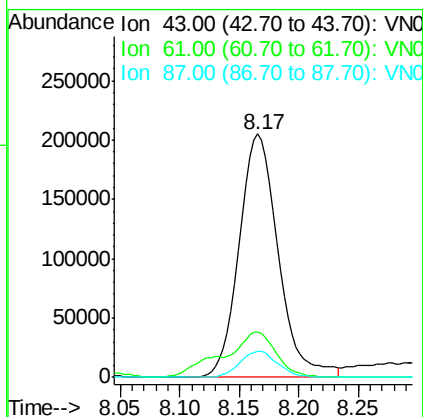
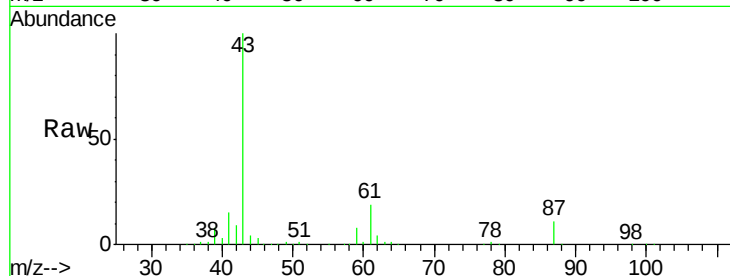
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	465746
Ion	Ratio	Lower	Upper
43	100		
61	24.9	20.6	30.8
87	10.4	8.8	13.2

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#44

Trichloroethene

Concen: 49.804 ug/l

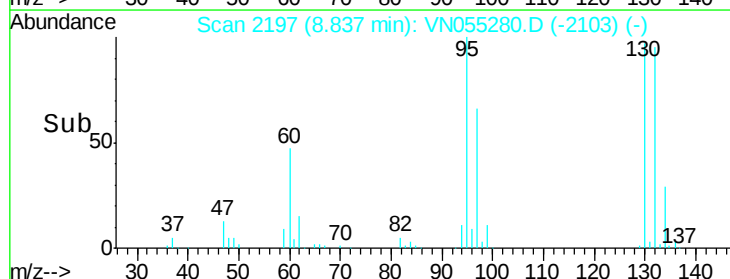
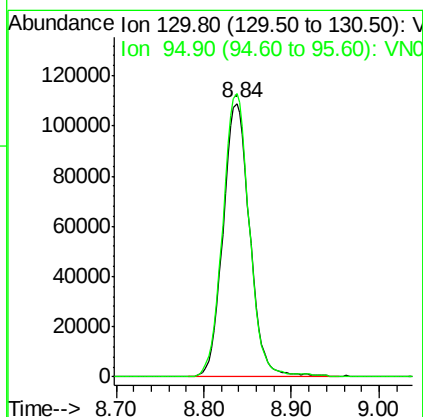
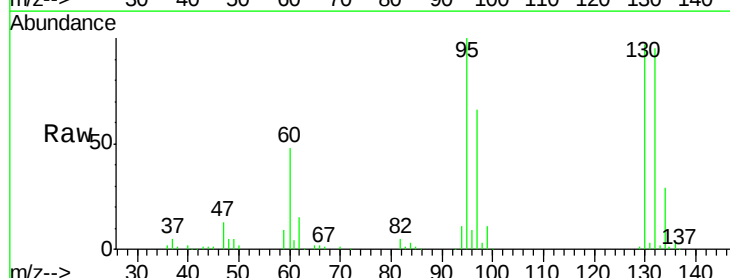
RT: 8.84 min Scan# 2197

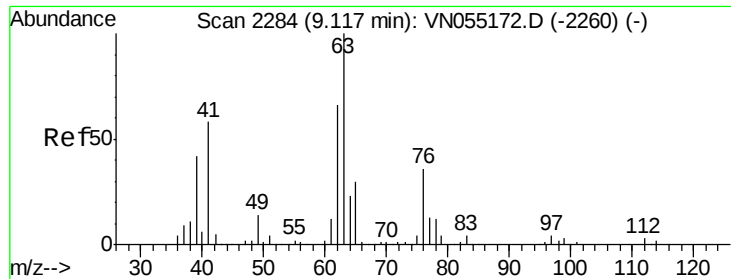
Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Tgt Ion:	130	Resp:	231436
Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	203.6





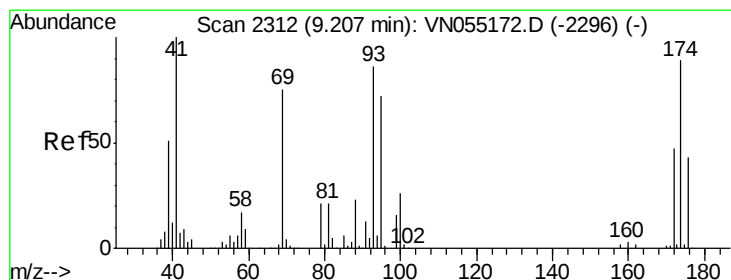
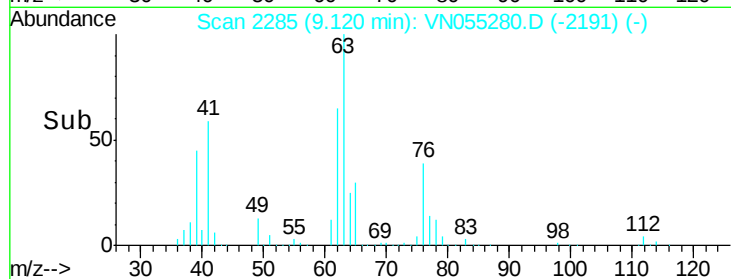
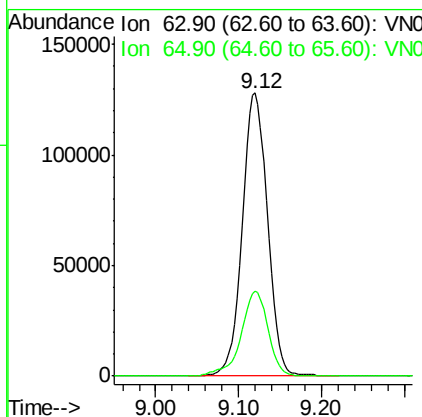
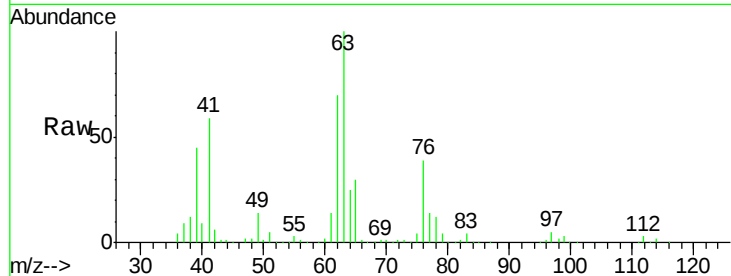
#45
 1,2-Dichloropropane
 Concen: 52.255 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 271194
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.8 35.6

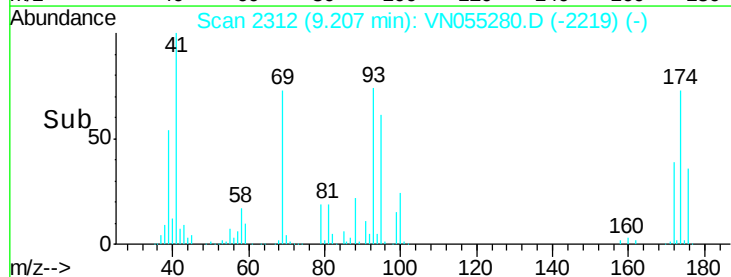
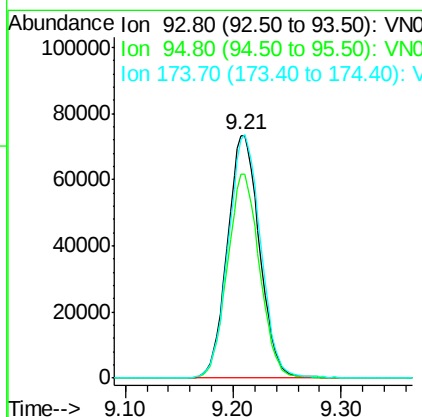
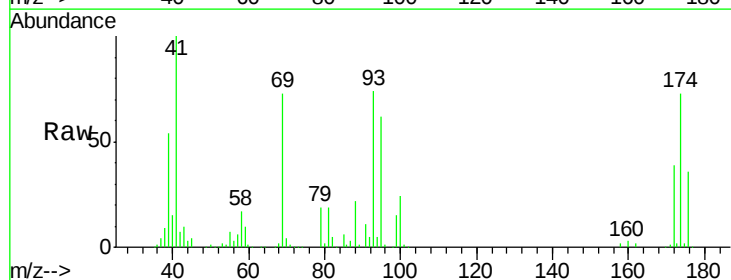
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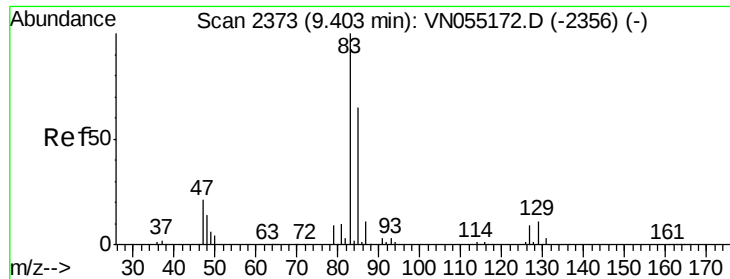
MMDadoda
 4/29/2019 10:57:11 AM



#46
 Dibromomethane
 Concen: 51.342 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion: 93 Resp: 152534
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.6 101.4
 174 100.7 83.4 125.2





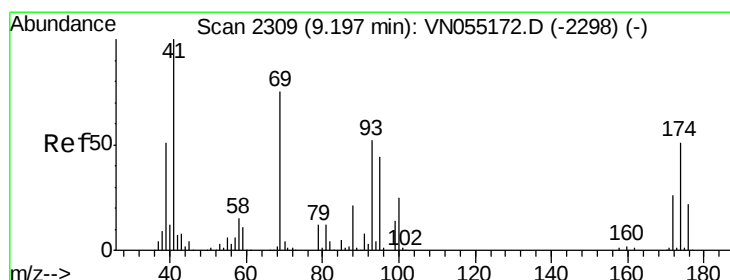
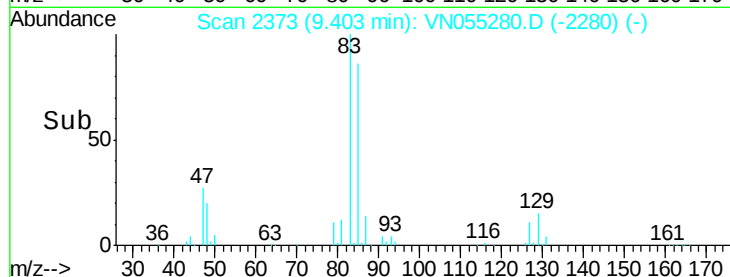
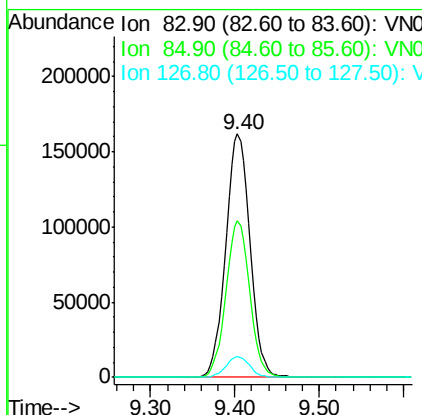
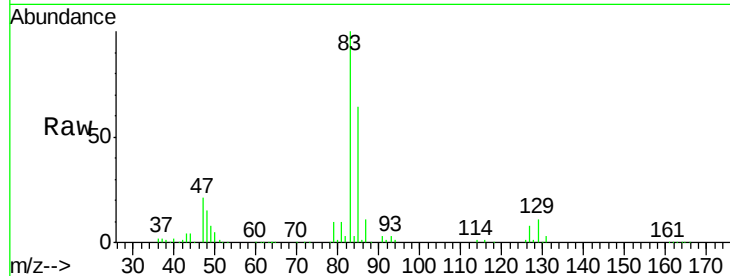
#47
Bromodichloromethane
Concen: 54.399 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	323538
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	52.1	78.1
127	8.4	6.9	10.3

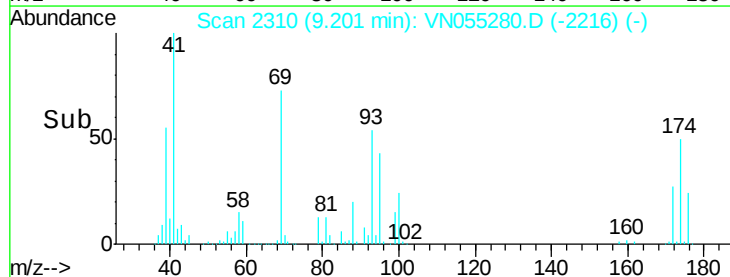
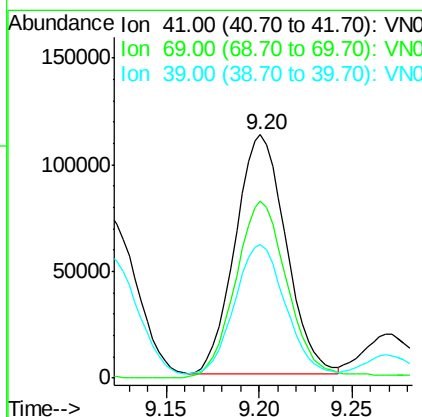
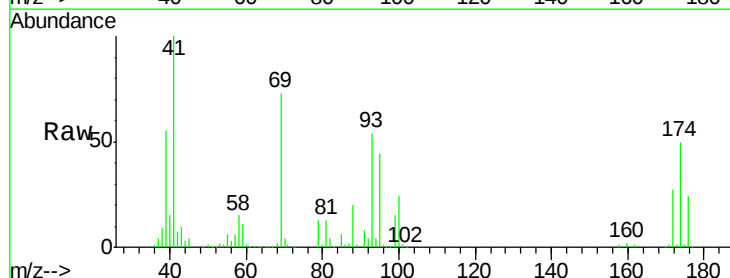
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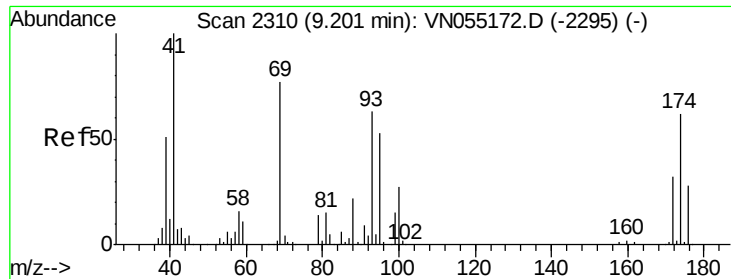
MMDadoda
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#48
Methyl methacrylate
Concen: 56.466 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion	41	Resp	213193
Ion Ratio	100	Lower	Upper
41	100		
69	77.2	63.6	95.4
39	56.1	43.8	65.8





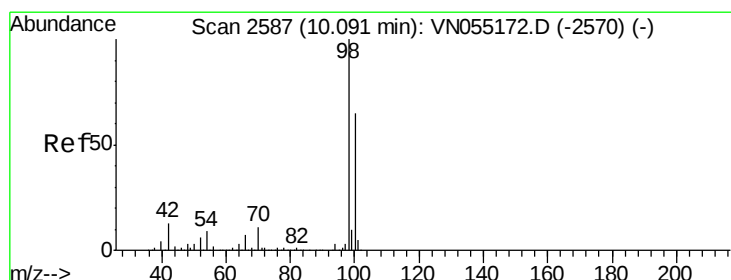
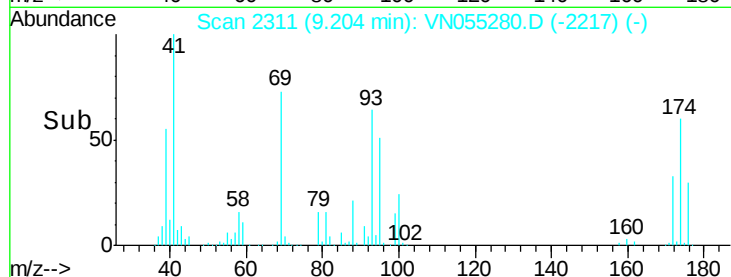
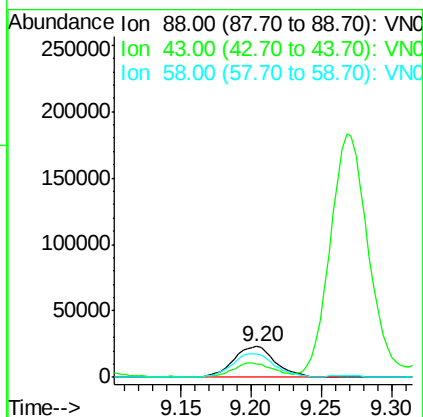
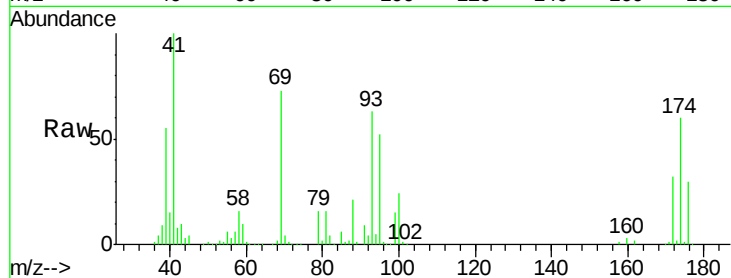
#49
1,4-Dioxane
Concen: 1123.096 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	48969
Ion Ratio	100	Lower	Upper
88	100		
43	41.2	32.0	48.0
58	77.4	60.4	90.6

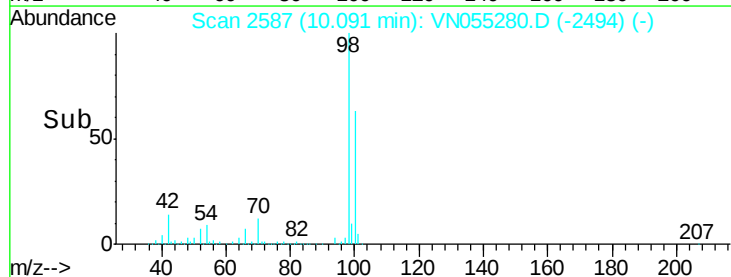
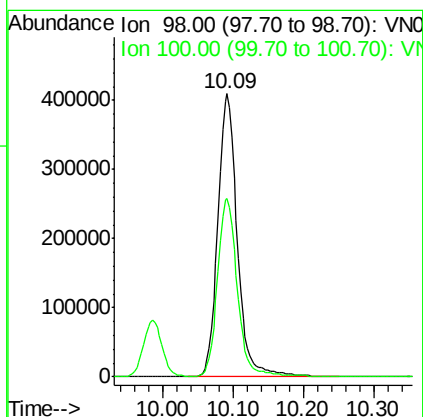
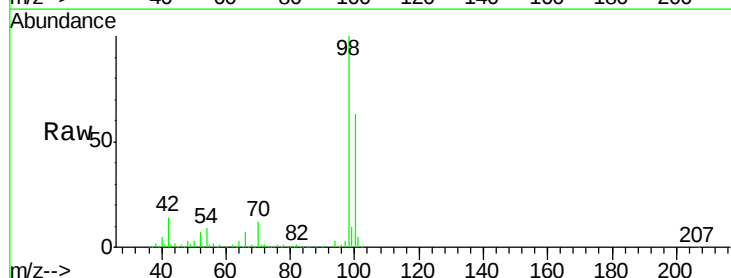
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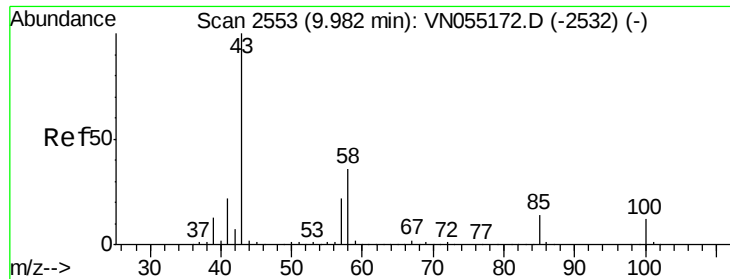
MMDadoda
4/29/2019 10:57:11 AM



#50
Toluene-d8
Concen: 48.787 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion	98	Resp	788003
Ion Ratio	100	Lower	Upper
98	100		
100	64.6	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 290.684 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1301942

Ion Ratio Lower Upper

43 100

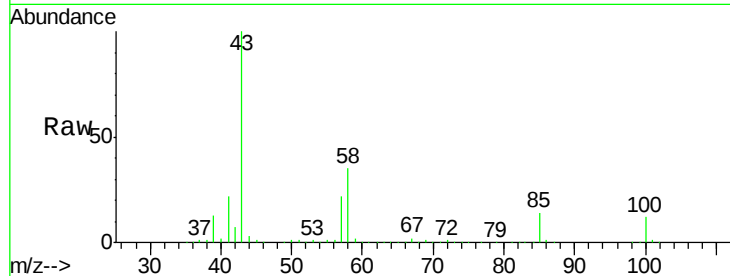
58 35.0 28.3 42.5

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

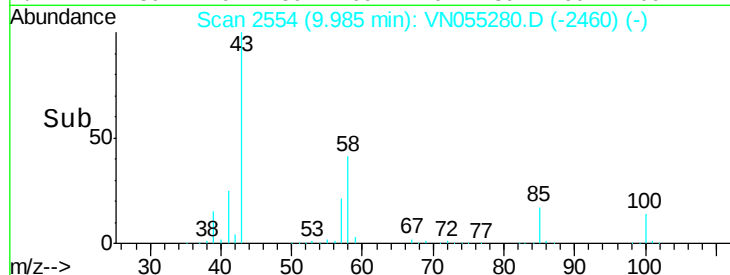
600000

400000

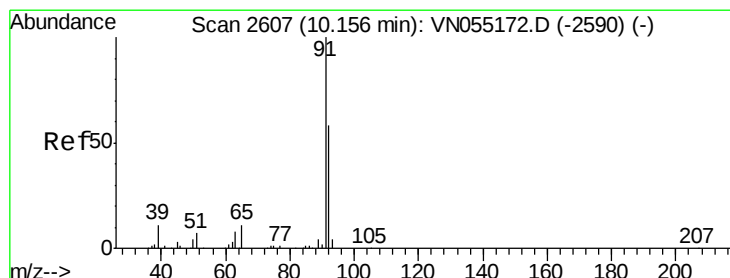
200000

0

Time-->



Time-->



#52

Toluene

Concen: 50.694 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055280.D

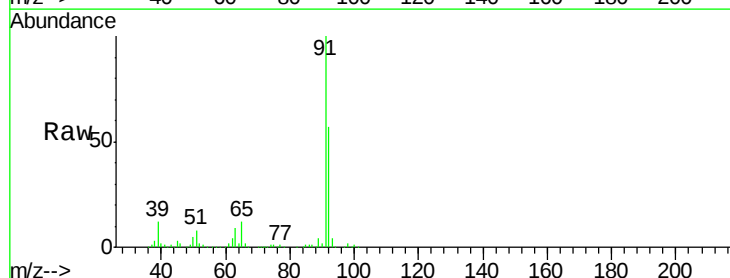
Acq: 26 Apr 2019 16:58

Tgt Ion: 92 Resp: 546397

Ion Ratio Lower Upper

92 100

91 175.7 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

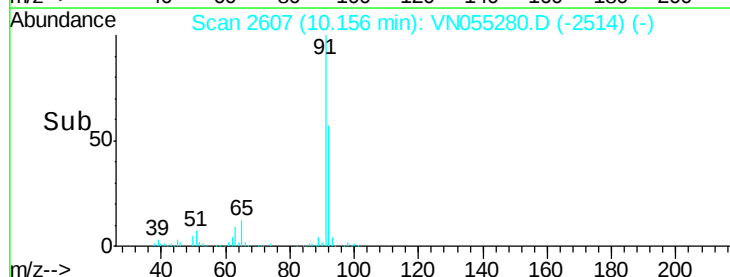
300000

200000

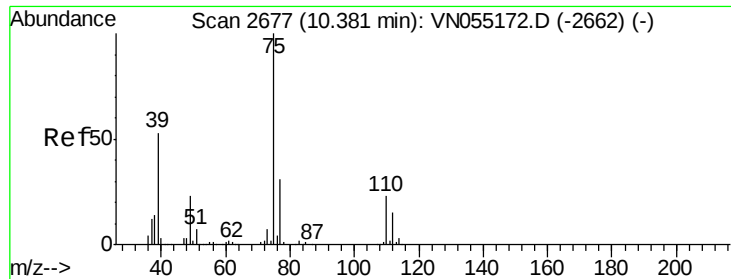
100000

0

Time-->



Time-->



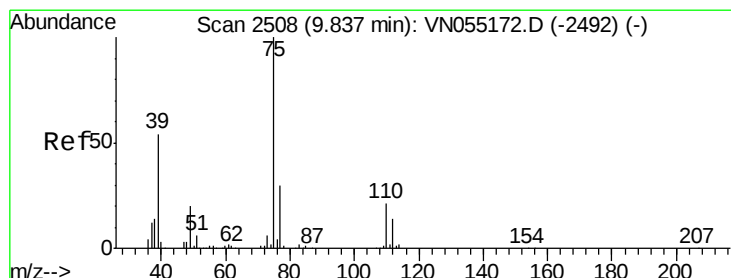
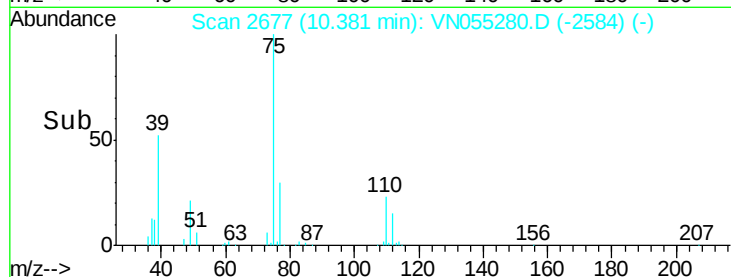
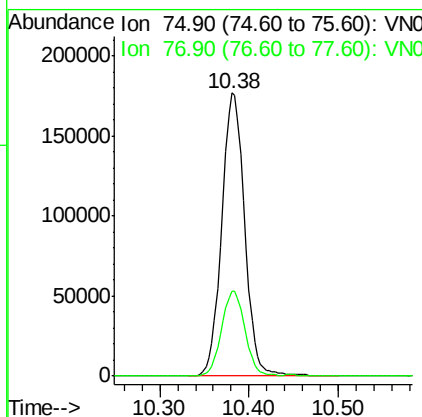
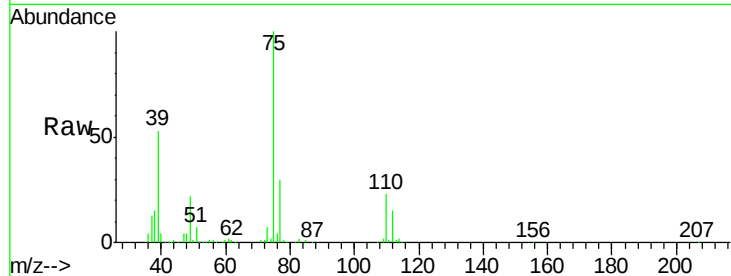
#53
t-1,3-Dichloropropene
Concen: 57.790 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 315423
Ion Ratio Lower Upper
75 100
77 29.8 25.1 37.7

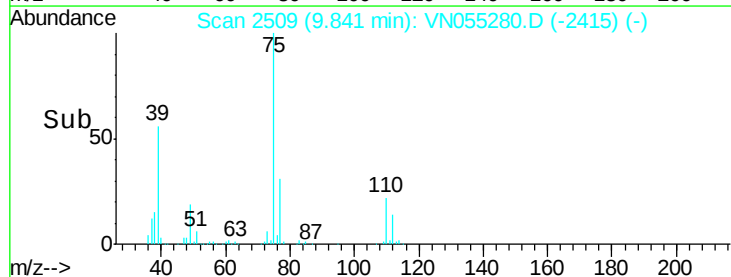
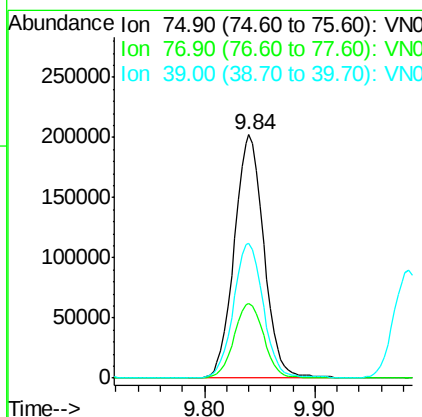
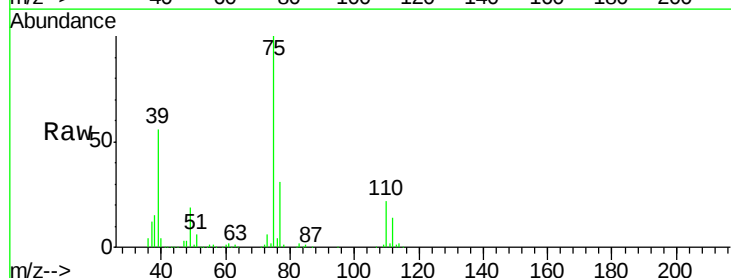
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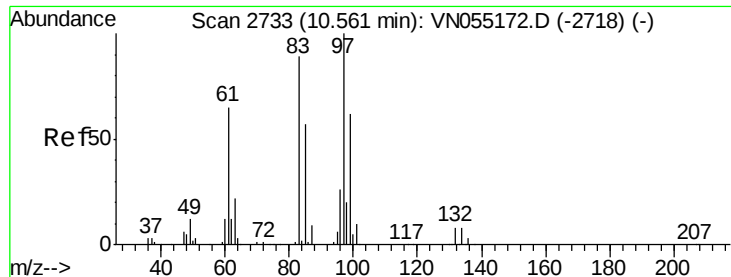
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#54
cis-1,3-Dichloropropene
Concen: 55.621 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 75 Resp: 376739
Ion Ratio Lower Upper
75 100
77 30.9 24.3 36.5
39 55.4 43.0 64.4





#55

1,1,2-Trichloroethane

Concen: 53.222 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 211485

Ion Ratio Lower Upper

97 100

83 88.0 71.5 107.3

85 57.4 45.8 68.6

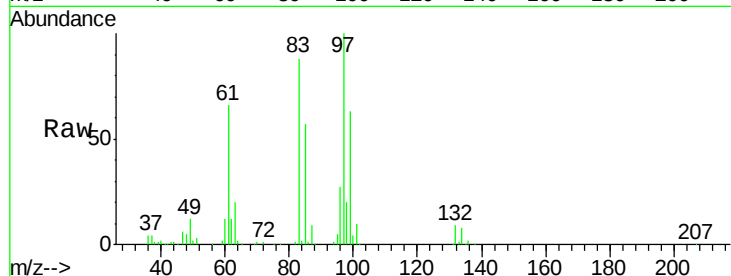
99 62.4 49.9 74.9

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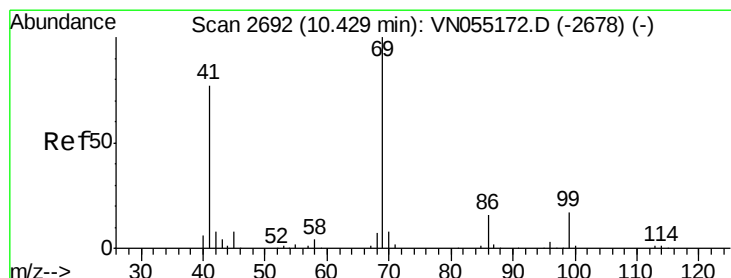
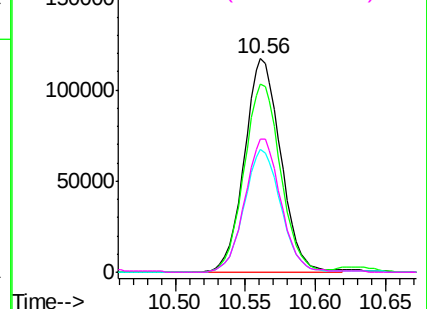
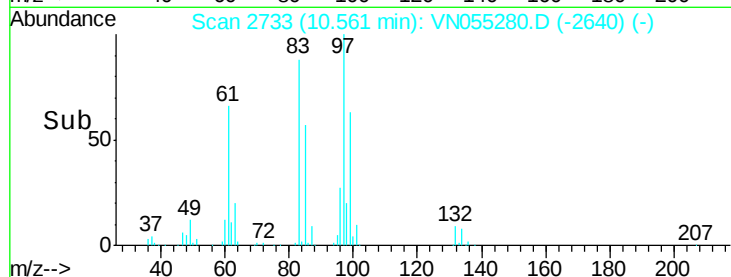


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 57.600 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

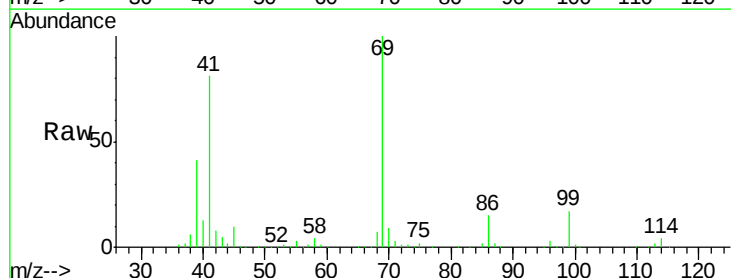
Tgt Ion: 69 Resp: 285127

Ion Ratio Lower Upper

69 100

41 78.1 60.6 90.8

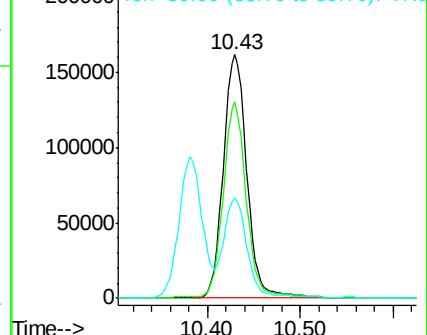
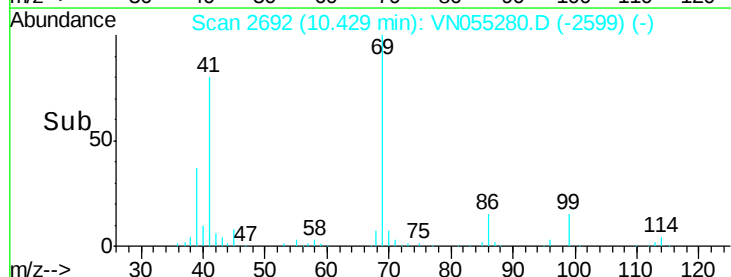
39 39.8 31.7 47.5

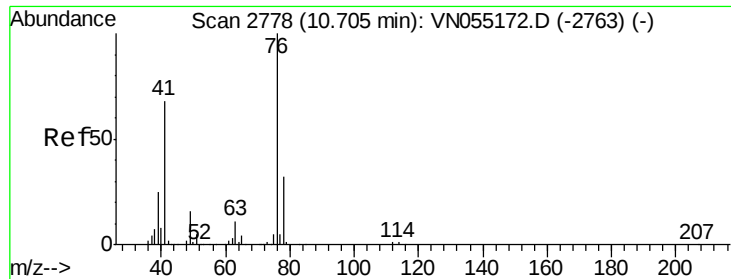


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 52.831 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 365249

Ion Ratio Lower Upper

76 100

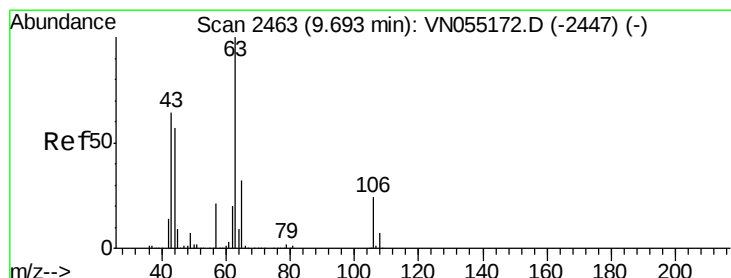
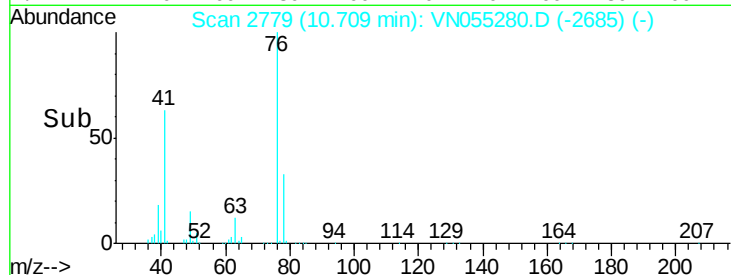
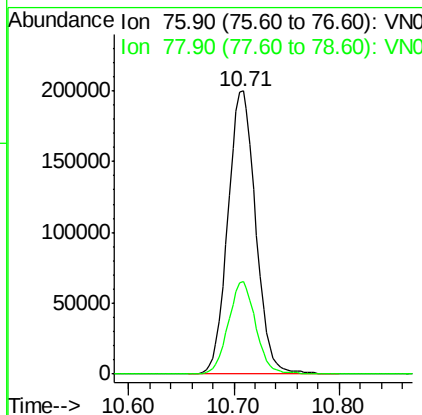
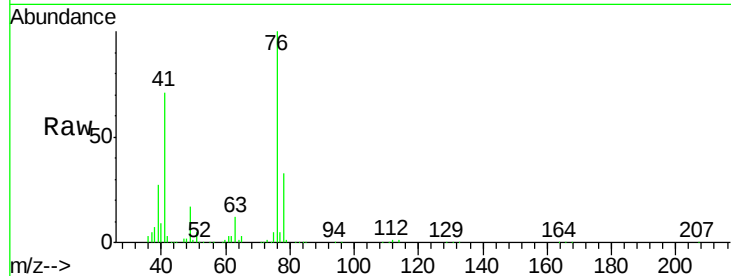
78 32.2 25.3 37.9

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#58

2-Chloroethyl Vinyl ether

Concen: 238.746 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055280.D

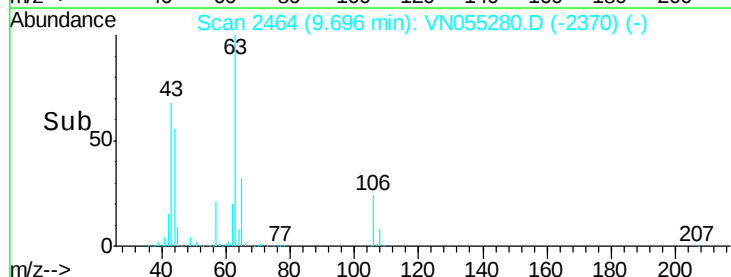
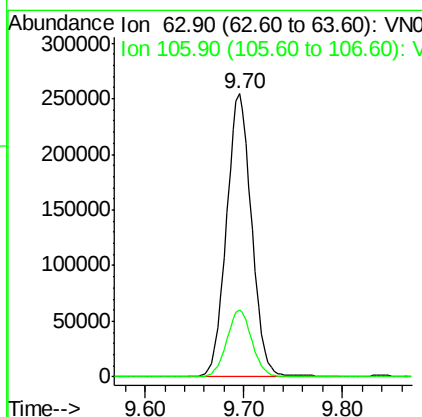
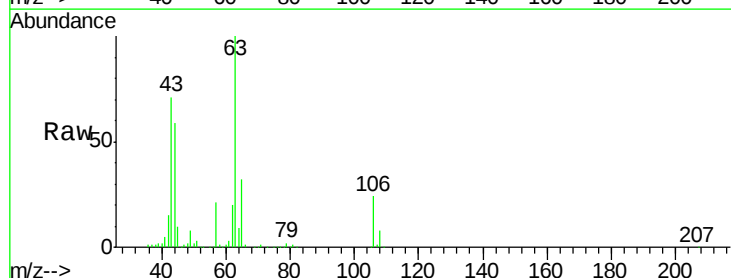
Acq: 26 Apr 2019 16:58

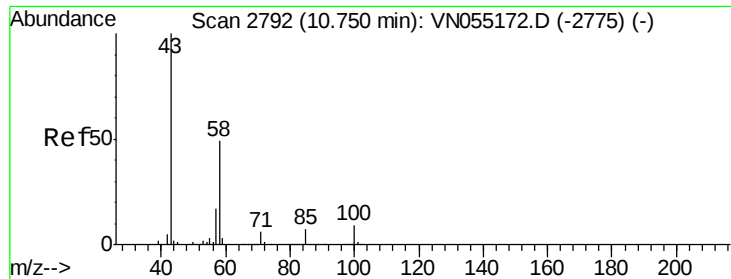
Tgt Ion: 63 Resp: 454369

Ion Ratio Lower Upper

63 100

106 23.6 19.4 29.0





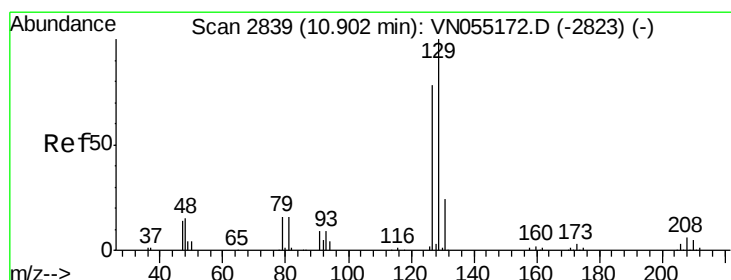
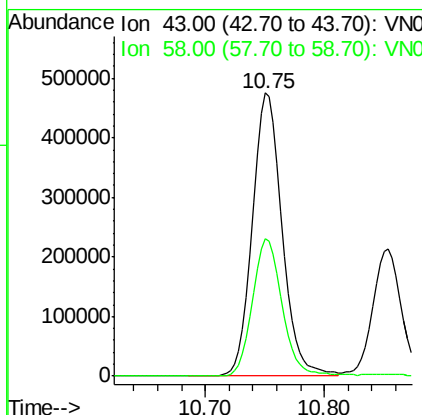
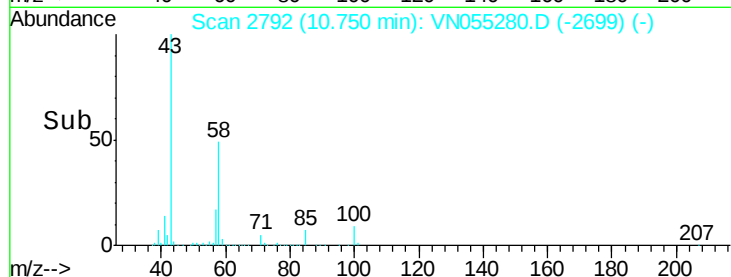
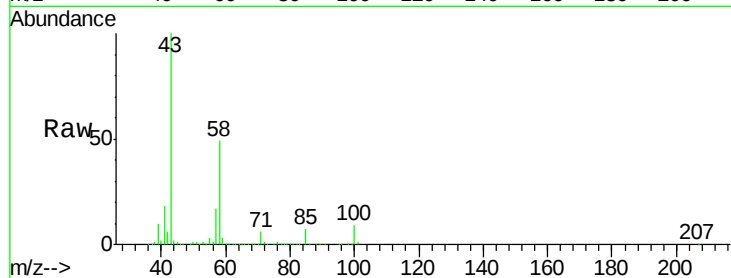
#59
2-Hexanone
Concen: 290.621 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 822190
Ion Ratio Lower Upper
43 100
58 48.6 24.5 73.5

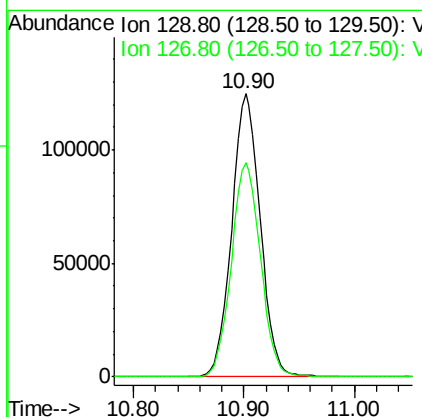
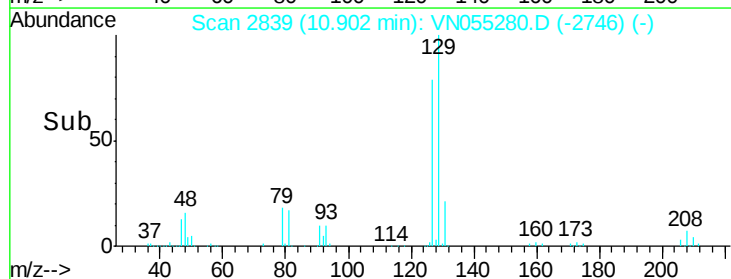
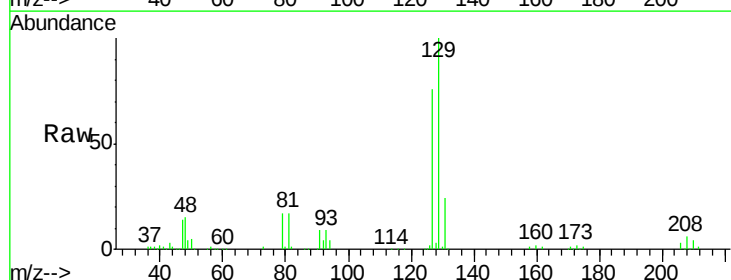
Manual Integrations
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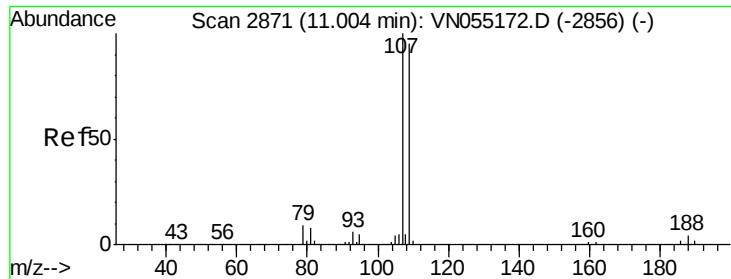
MMDadoda
4/29/2019 10:57:11 AM



#60
Dibromochloromethane
Concen: 54.592 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion:129 Resp: 223441
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





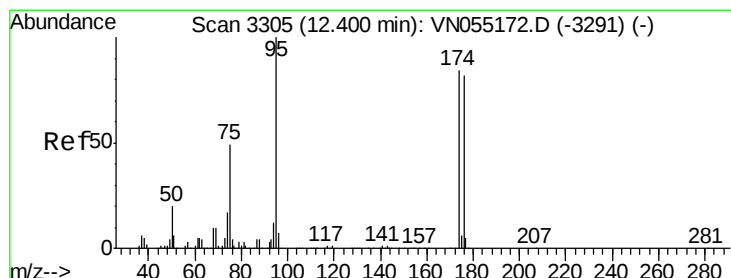
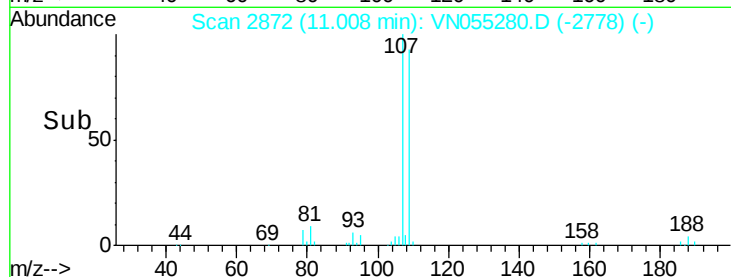
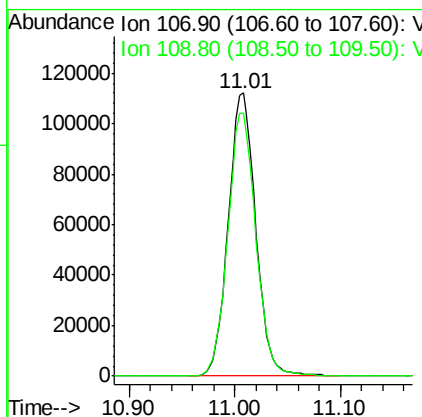
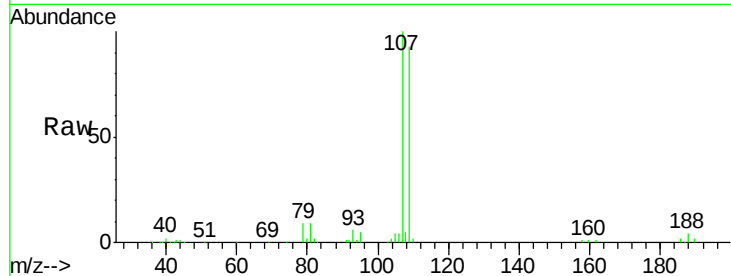
#61
 1,2-Dibromoethane
 Concen: 54.027 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.8	113.6

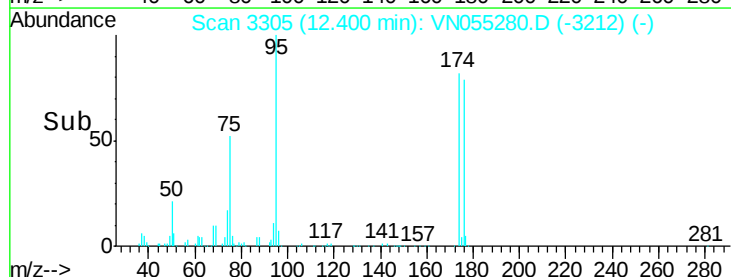
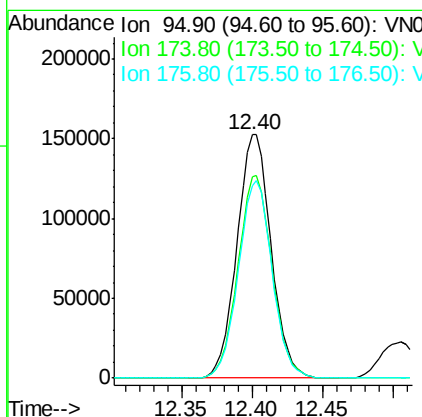
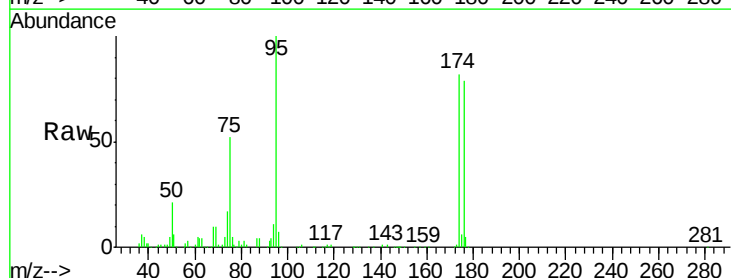
Manual Integrations
 APPROVED

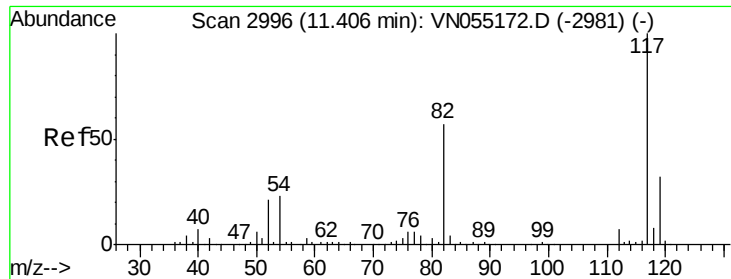
MMDadoda
 4/29/2019 10:57:11 AM



#62
 4-Bromofluorobenzene
 Concen: 50.766 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	168.4
176	80.0	0.0	164.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:117 Resp: 553310

Ion Ratio Lower Upper

117 100

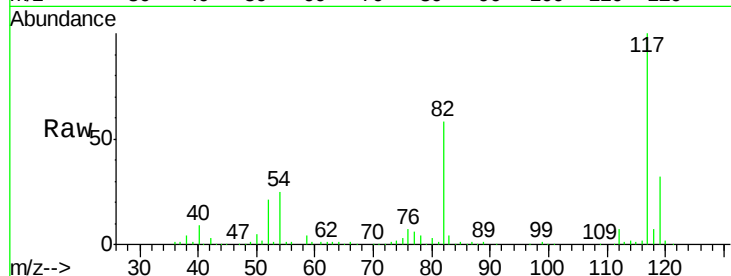
82 58.2 45.7 68.5

119 31.8 25.4 38.2

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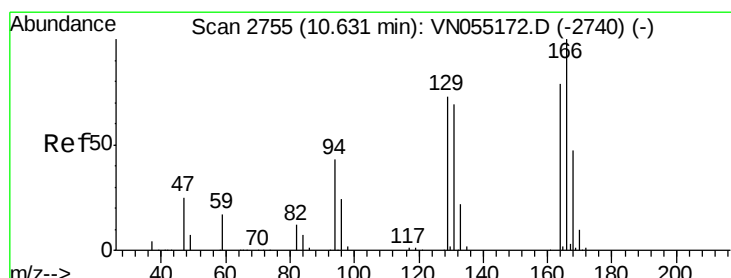
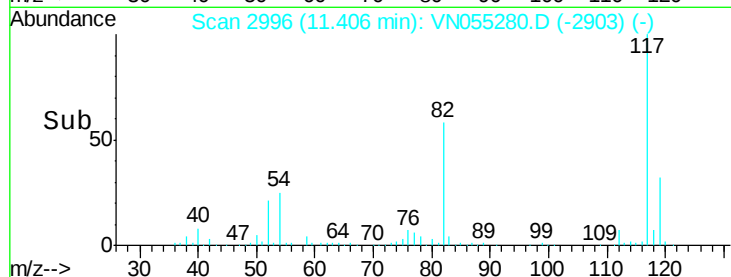
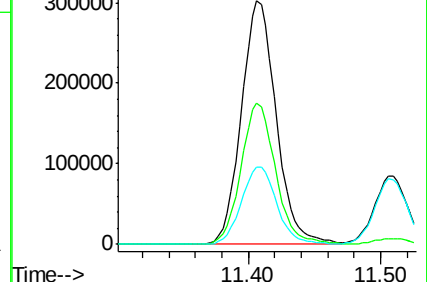
4/29/2019 10:57:11 AM



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.760 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Tgt Ion:164 Resp: 220094

Ion Ratio Lower Upper

164 100

166 125.7 101.9 152.9

129 92.8 74.1 111.1

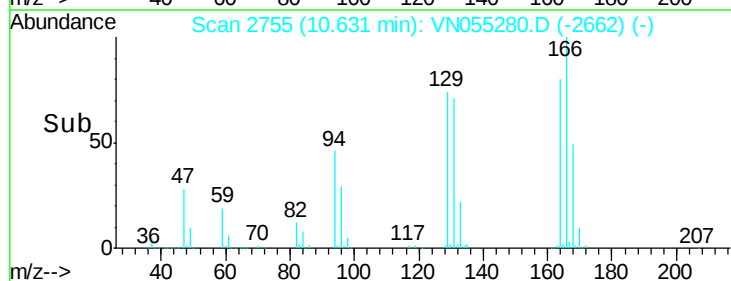
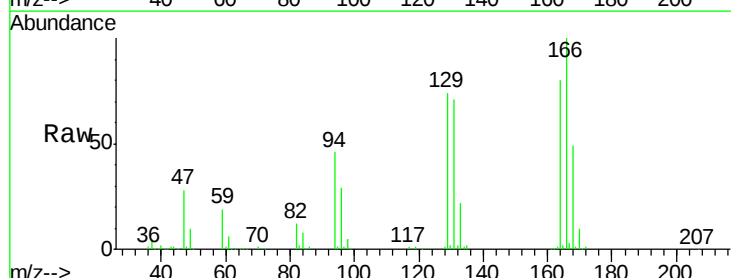
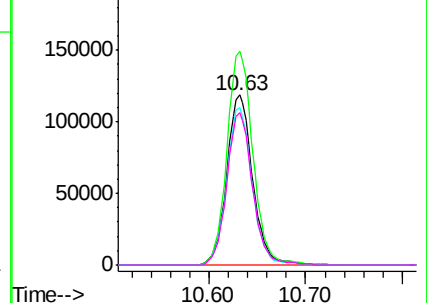
131 89.5 70.6 106.0

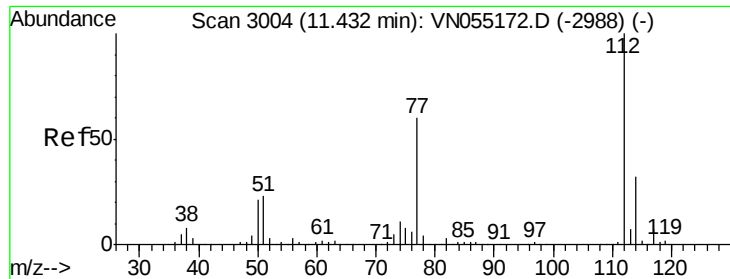
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.724 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 550277

Ion Ratio Lower Upper

112 100

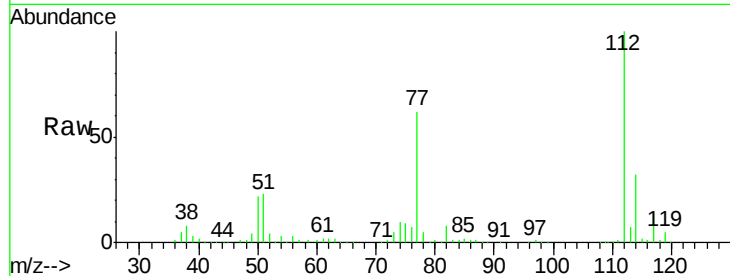
114 32.2 25.4 38.0

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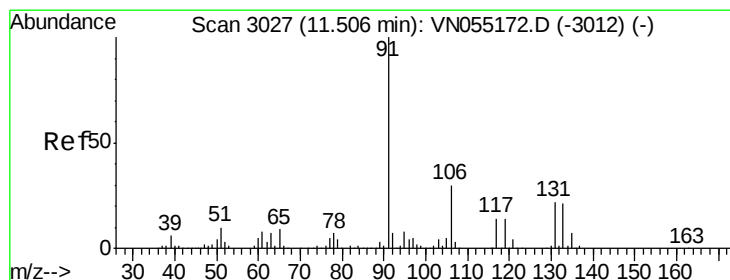
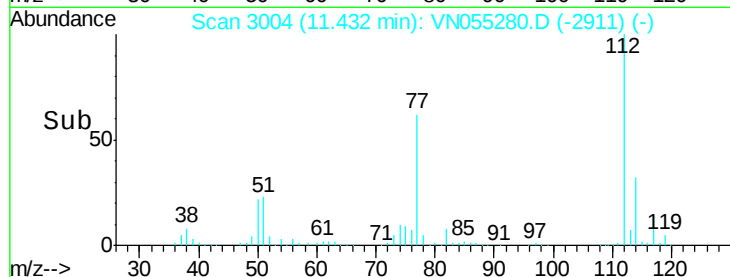
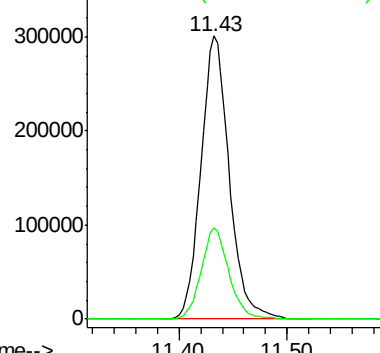
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.798 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

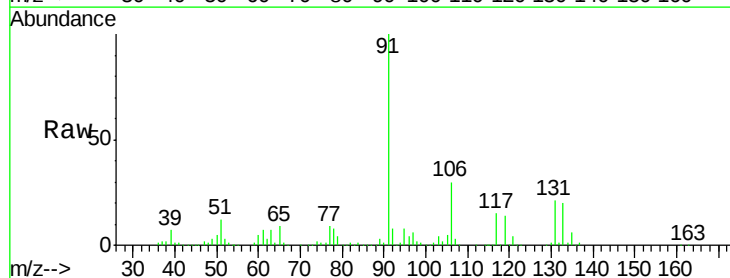
Tgt Ion:131 Resp: 216816

Ion Ratio Lower Upper

131 100

133 94.9 47.7 143.1

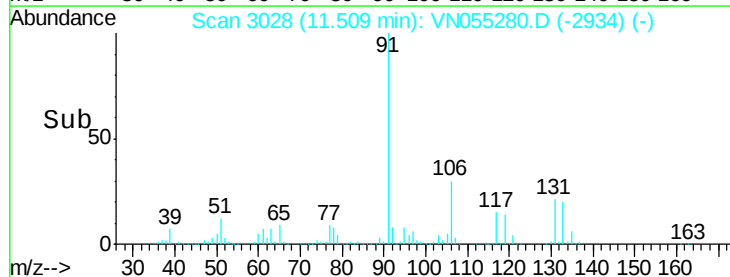
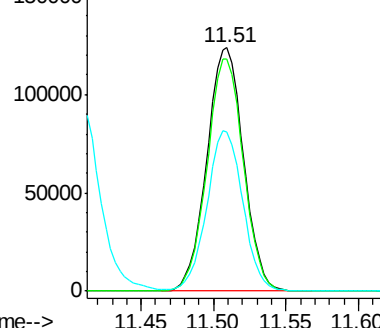
119 64.8 33.2 99.6

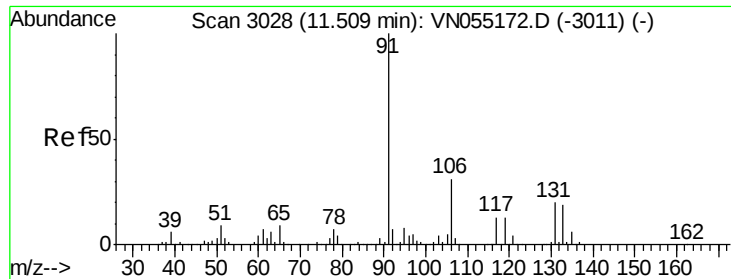


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





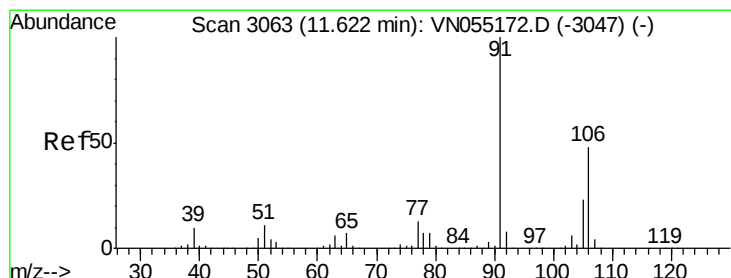
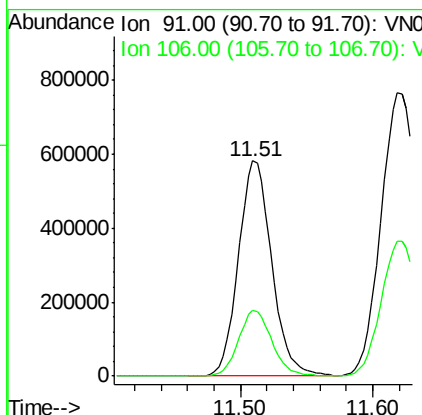
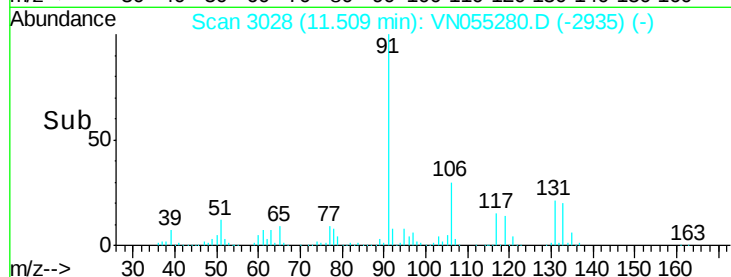
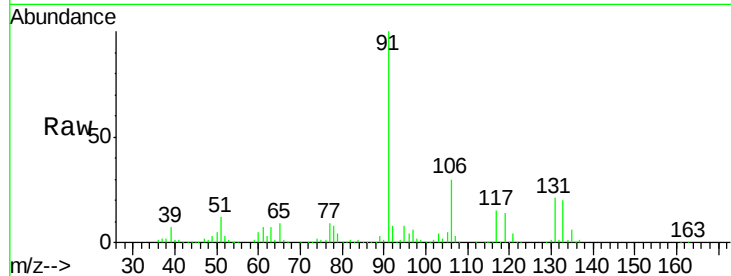
#67
Ethyl Benzene
Concen: 50.537 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1016685
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7

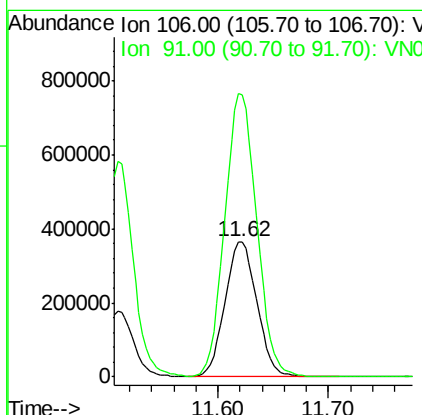
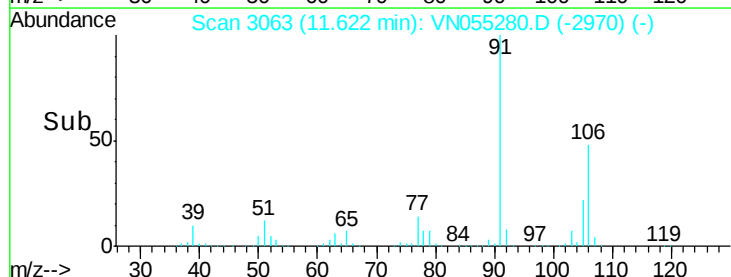
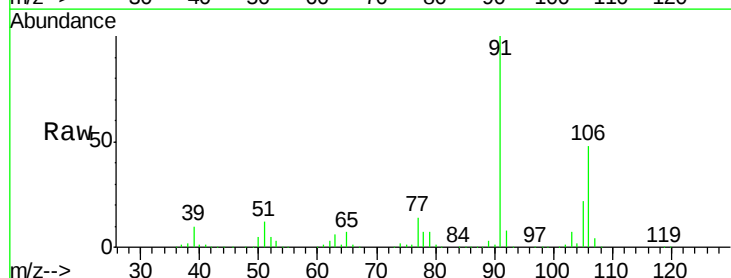
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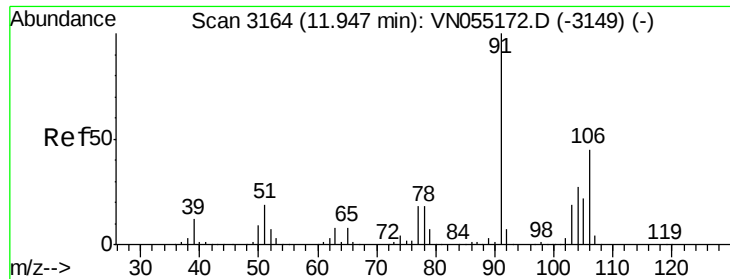
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#68
m/p-Xylenes
Concen: 101.728 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 106 Resp: 734002
Ion Ratio Lower Upper
106 100
91 209.6 167.1 250.7





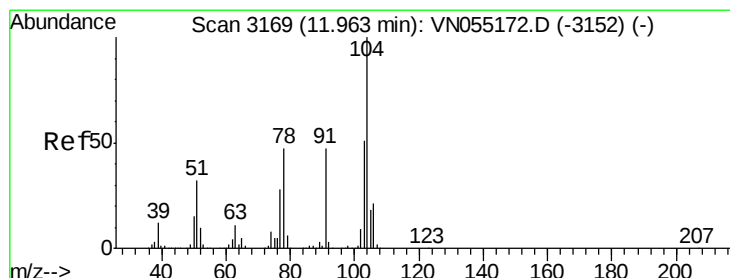
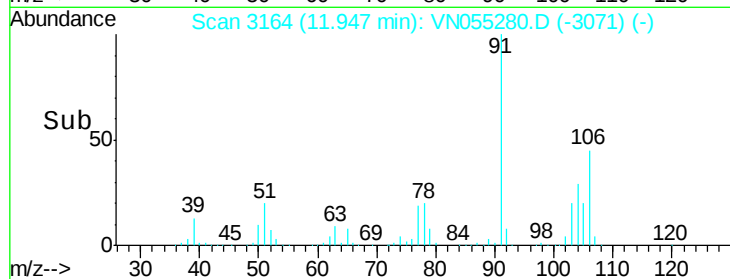
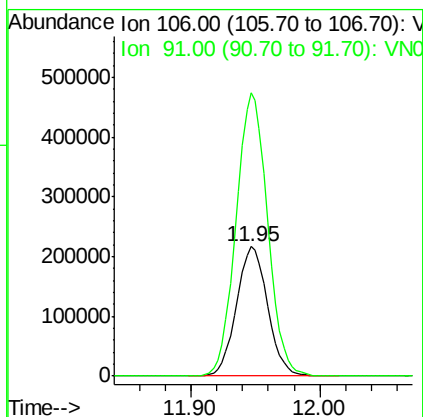
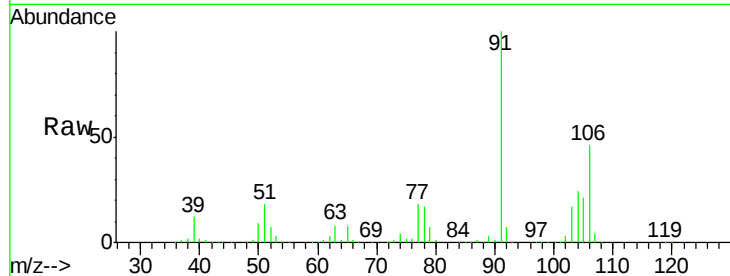
#69
o-Xylene
Concen: 50.842 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleID :
VSTDCCC050EC

Tot Ion:106 Resp: 364060
Ion Ratio Lower Upper
106 100
91 221.0 110.6 331.8

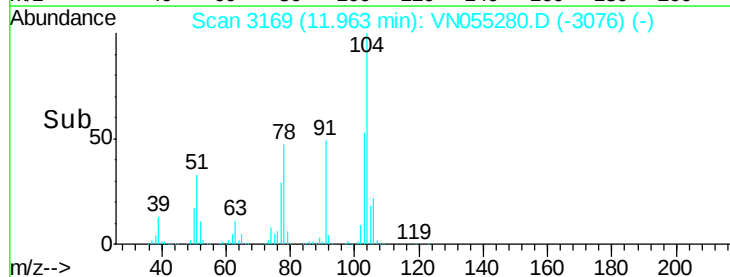
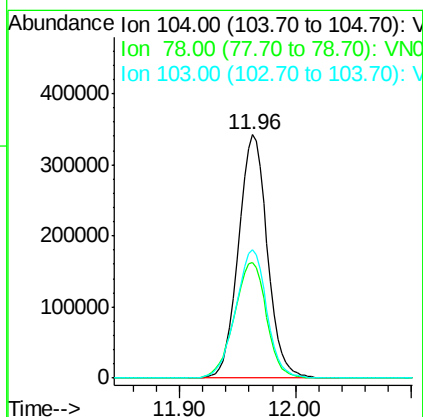
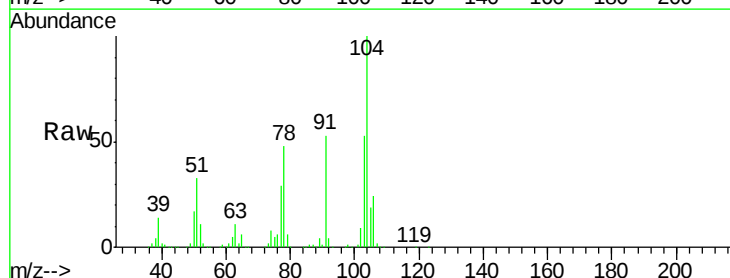
Manual Integrations
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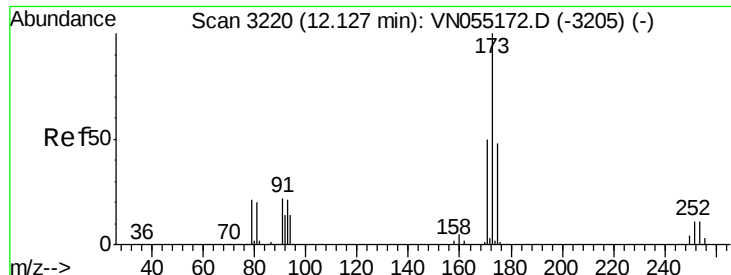
MMDadoda
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#70
Styrene
Concen: 53.366 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion:104 Resp: 592323
Ion Ratio Lower Upper
104 100
78 52.8 41.3 61.9
103 56.8 44.2 66.4





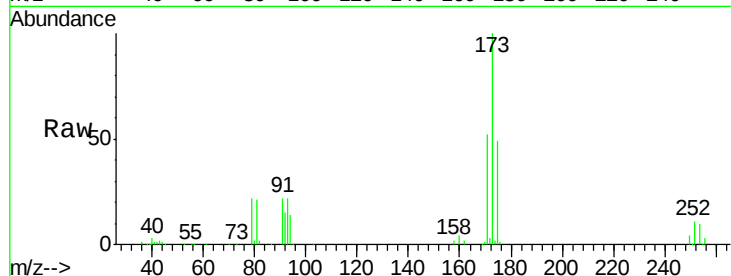
#71
Bromoform
Concen: 55.918 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	23.8	71.2
254	0.1	0.1	0.1

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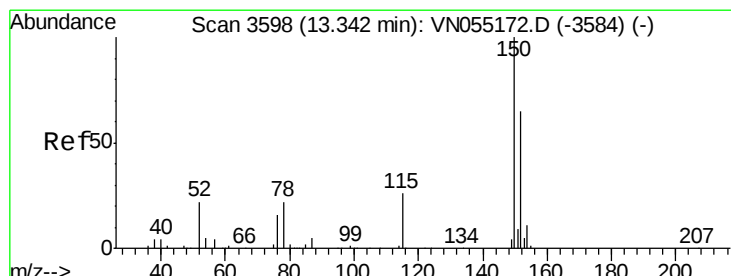
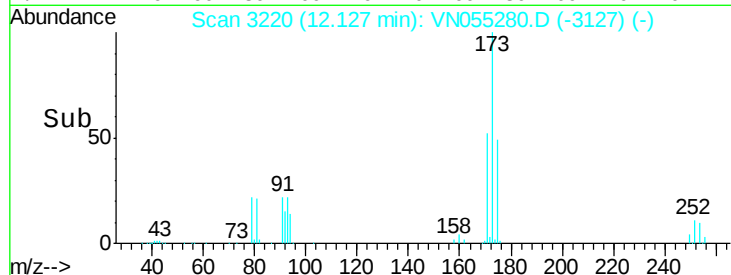
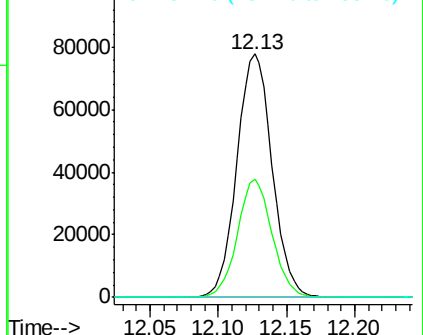


Abundance

Ion 172.70 (172.40 to 173.40): V

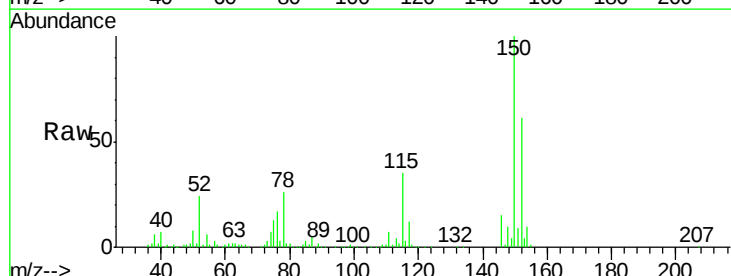
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.9	86.7
150	178.1	0.0	346.6

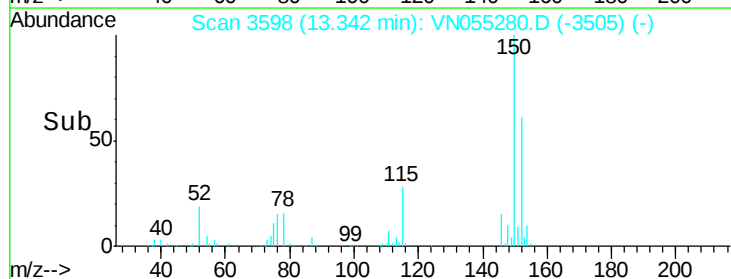
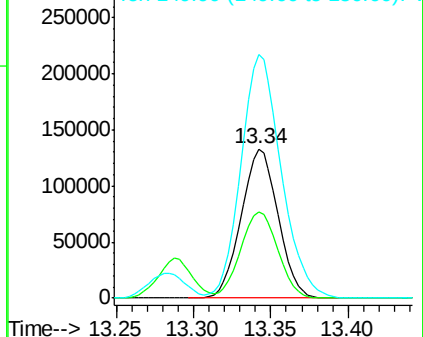


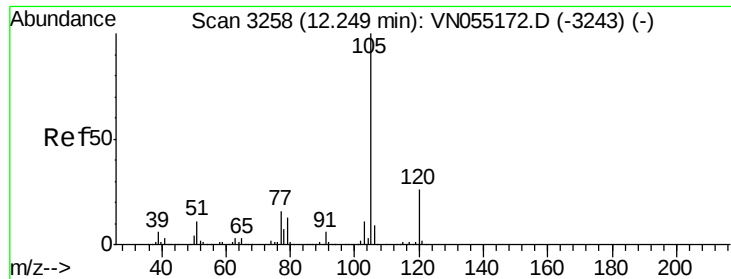
Abundance

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: 54.078 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 952961

Ion Ratio Lower Upper

105 100

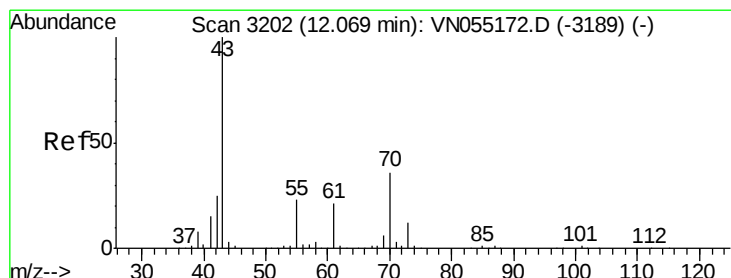
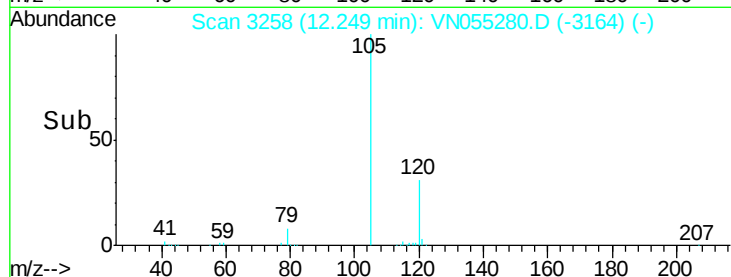
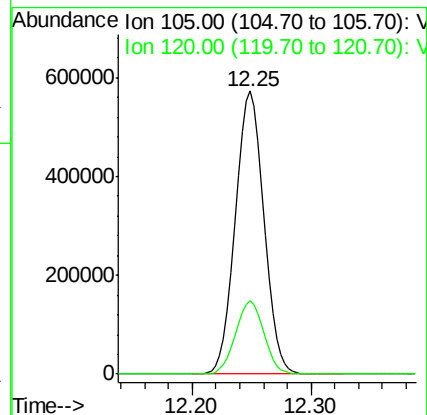
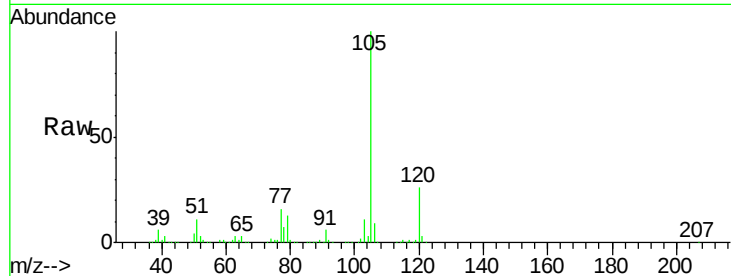
120 25.8 13.1 39.1

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#74

N-ethyl acetate

Concen: 58.961 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Tgt Ion: 43 Resp: 334519

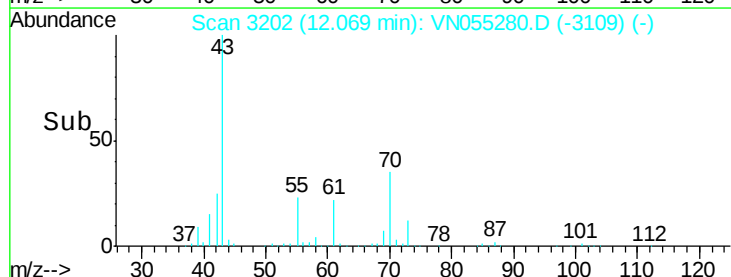
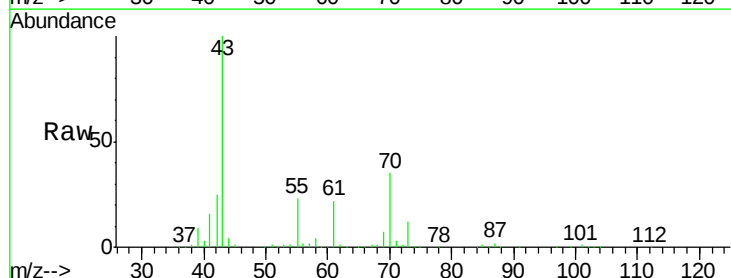
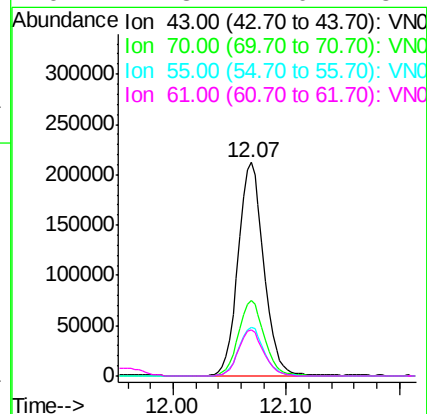
Ion Ratio Lower Upper

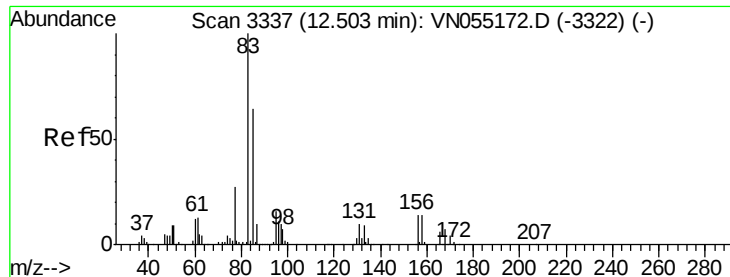
43 100

70 35.8 29.0 43.6

55 22.7 18.5 27.7

61 21.3 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 59.075 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

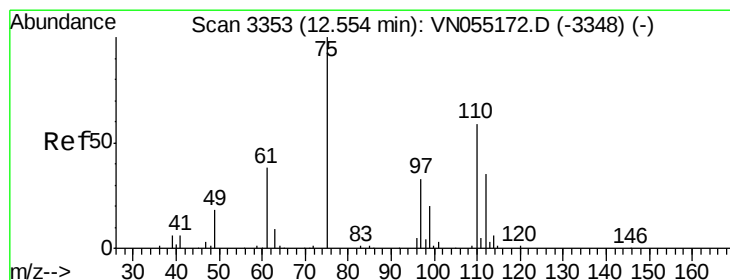
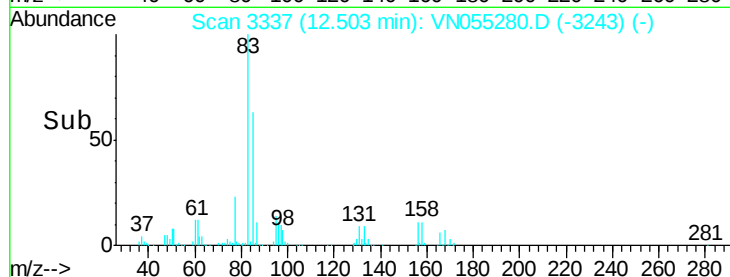
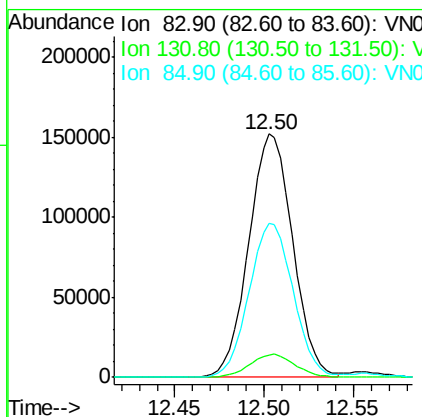
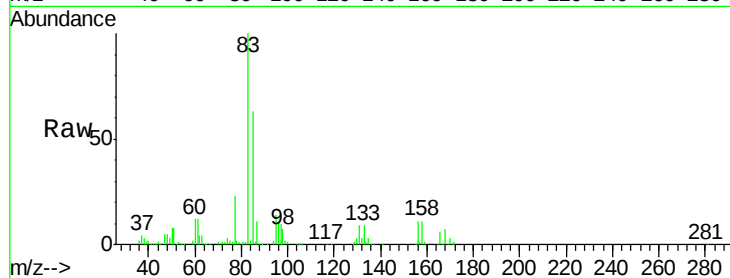
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	262367
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	63.5	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 48.207 ug/l m

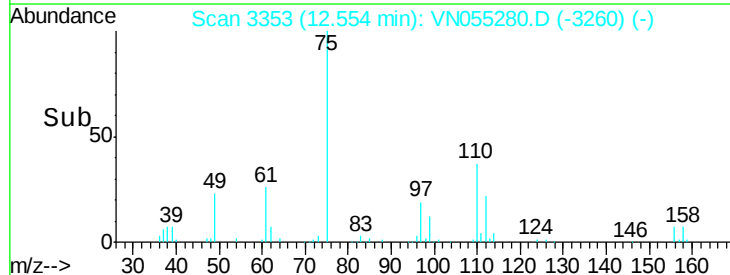
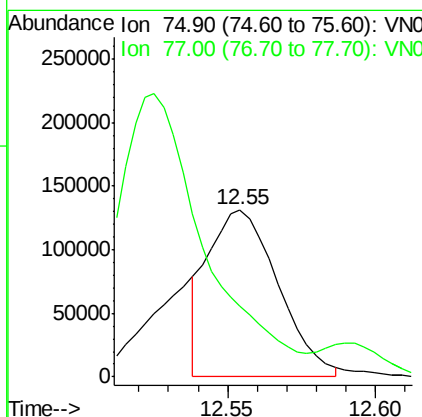
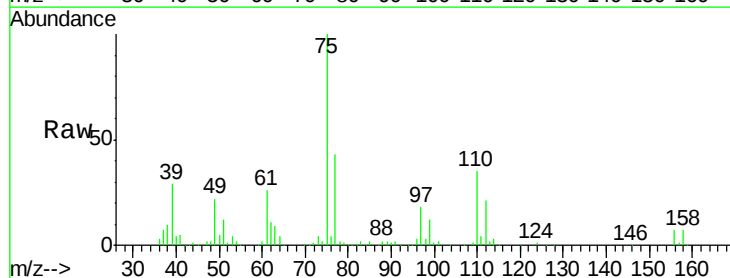
RT: 12.55 min Scan# 3353

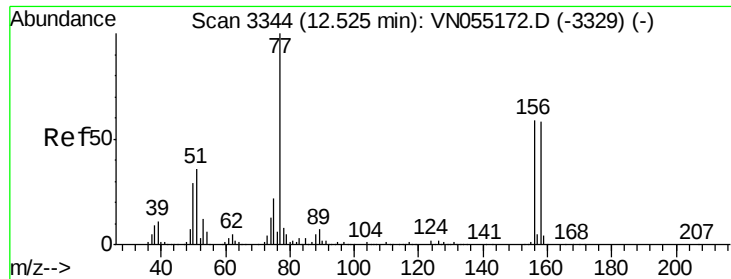
Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Tgt Ion:	75	Resp:	215215
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.871 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

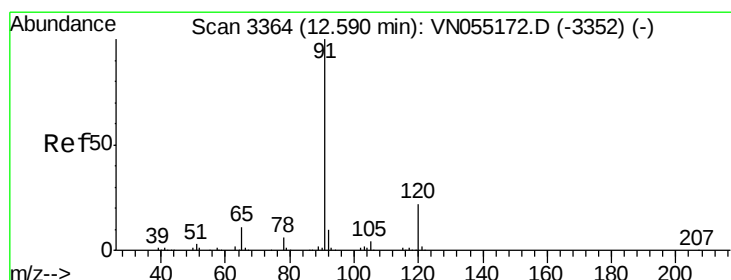
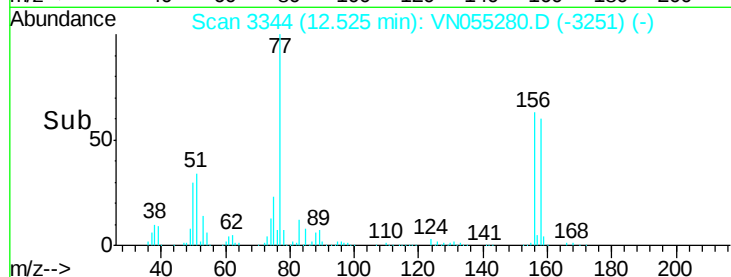
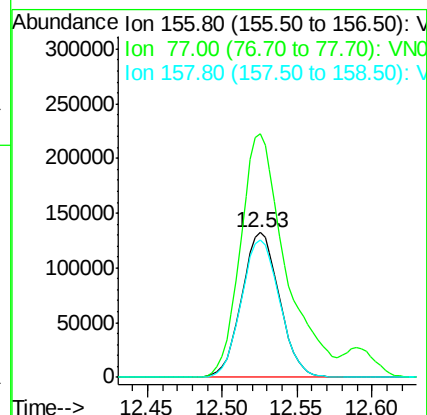
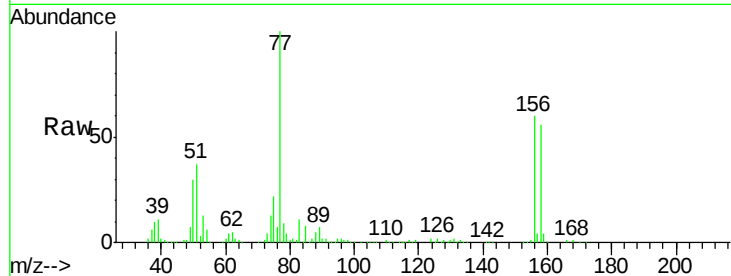
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	232561
Ion Ratio	Lower	Upper	
156	100		
77	201.5	98.0	293.9
158	96.9	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 47.576 ug/l

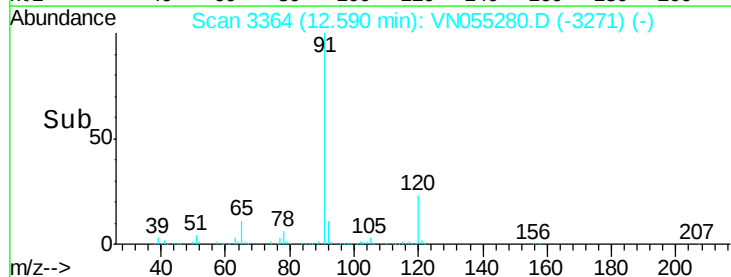
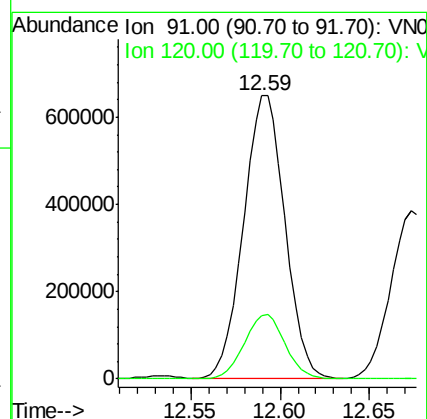
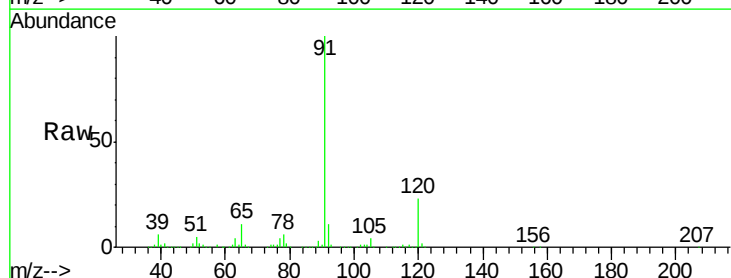
RT: 12.59 min Scan# 3364

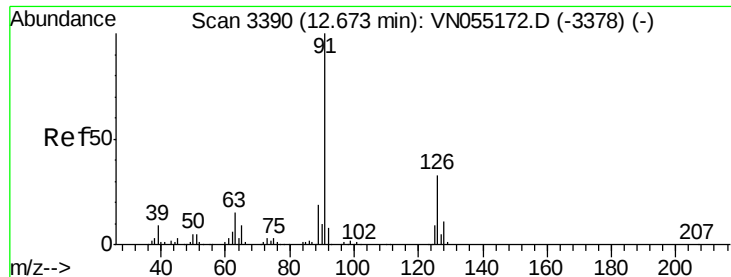
Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Tgt Ion:	91	Resp:	1049954
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.9





#79

2-Chlorotoluene

Concen: 46.453 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 647348

Ion Ratio Lower Upper

91 100

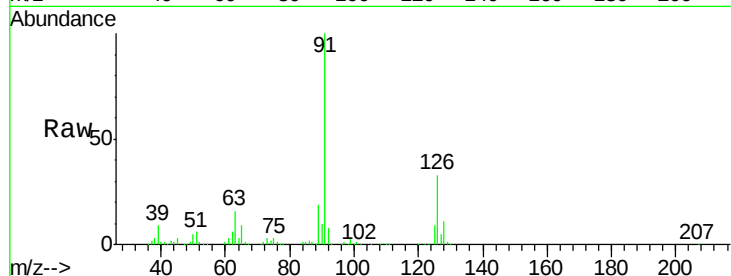
126 33.4 16.8 50.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN055172.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055172.D (-3378) (-)

600000

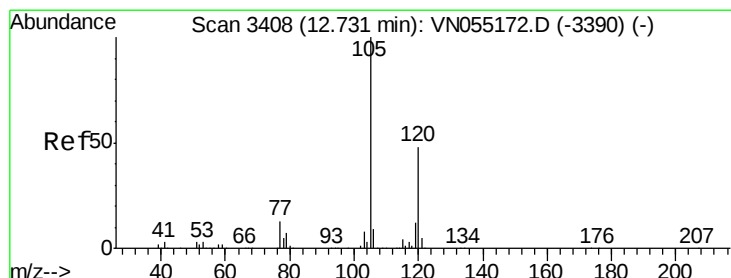
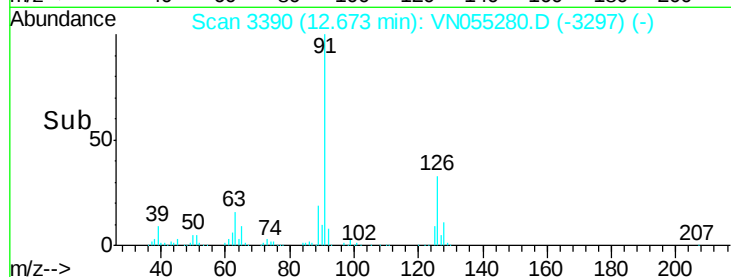
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.465 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055280.D

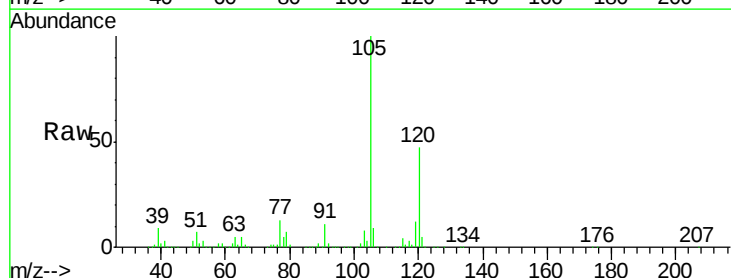
Acq: 26 Apr 2019 16:58

Tgt Ion: 105 Resp: 781917

Ion Ratio Lower Upper

105 100

120 47.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN055172.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055172.D (-3390) (-)

500000

400000

300000

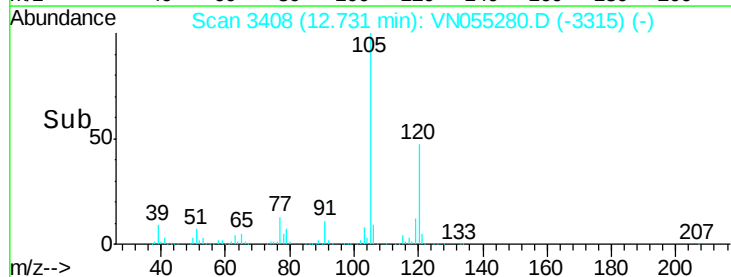
200000

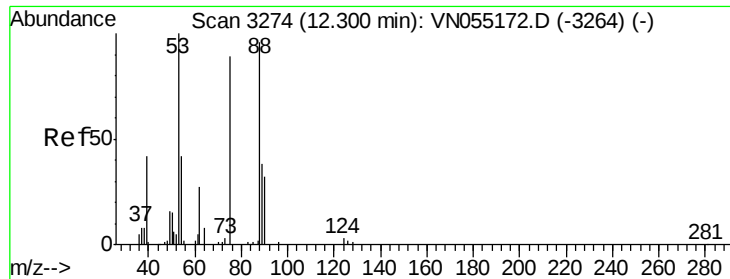
100000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 53.538 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 63051

Ion Ratio Lower Upper

75 100

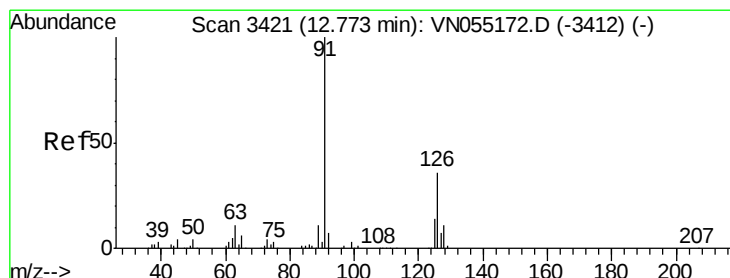
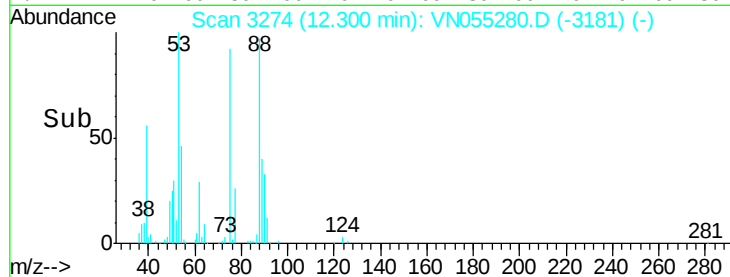
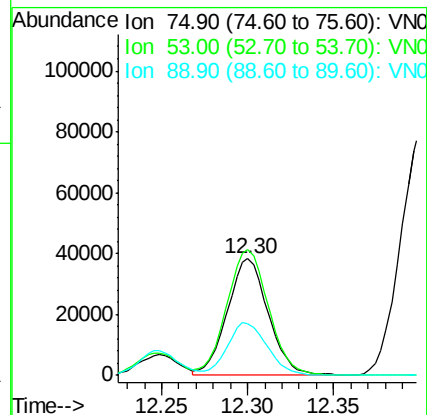
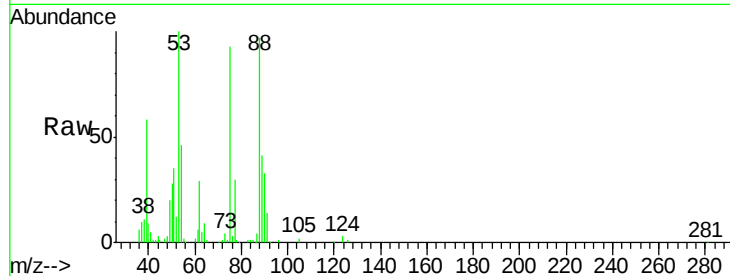
53 111.7 90.1 135.1

89 44.2 36.7 55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.775 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055280.D

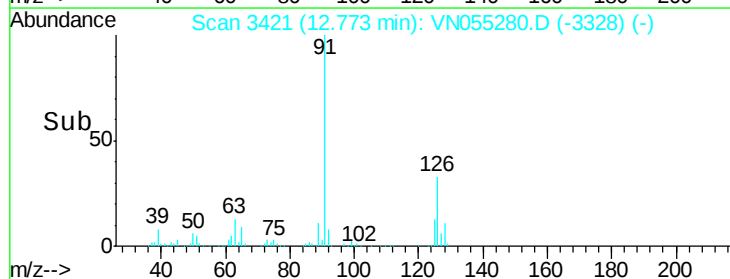
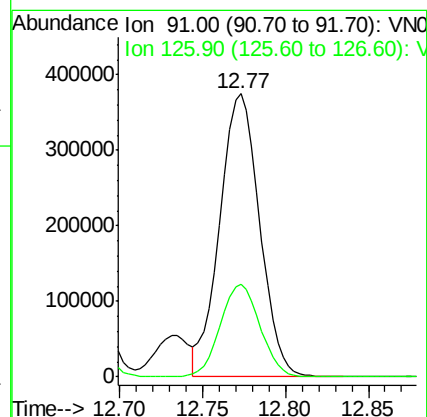
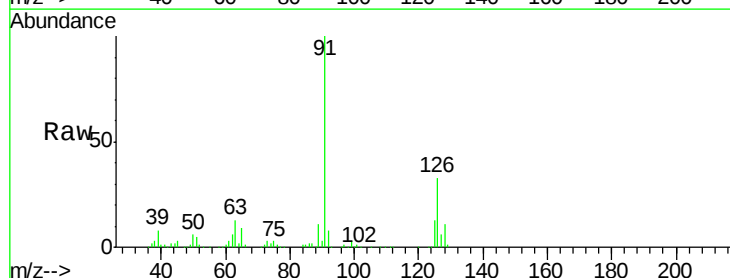
Acq: 26 Apr 2019 16:58

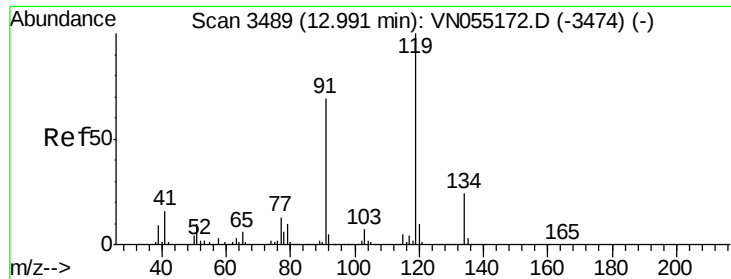
Tgt Ion: 91 Resp: 625359

Ion Ratio Lower Upper

91 100

126 32.6 16.5 49.5





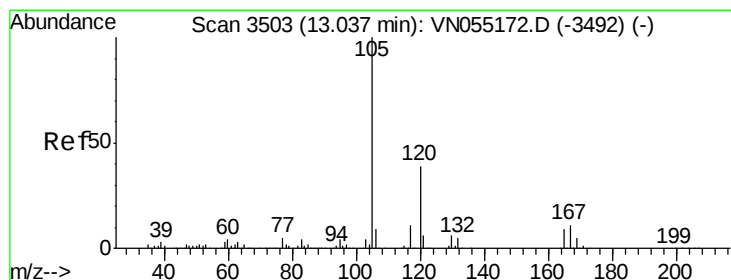
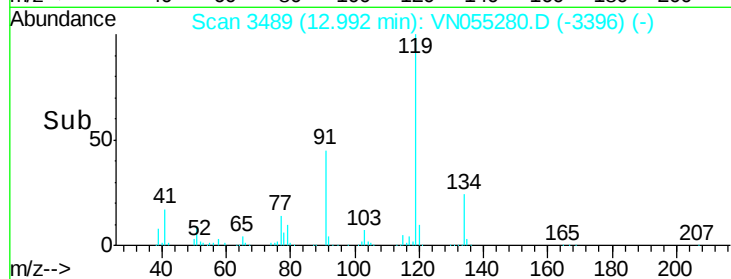
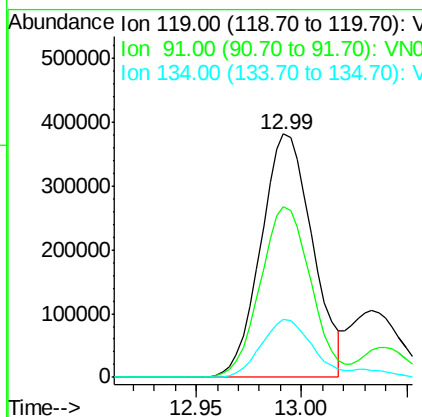
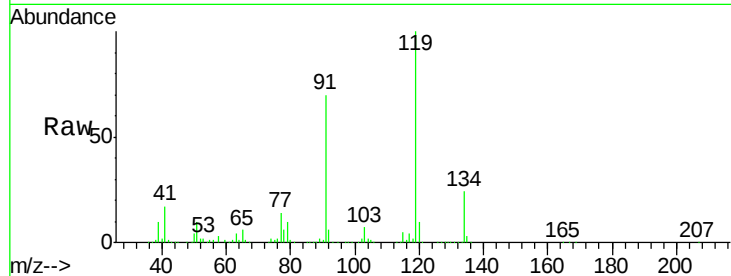
#83
 tert-Butylbenzene
 Concen: 52.575 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.8	33.8	101.3
134	23.7	13.2	39.5

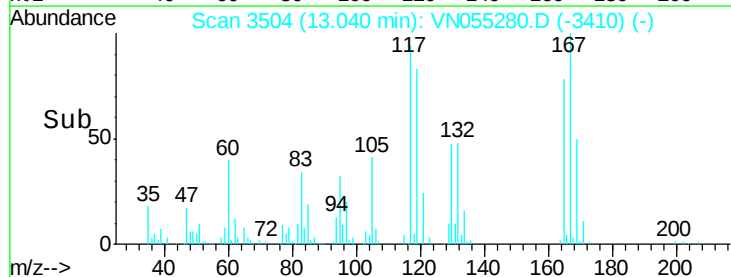
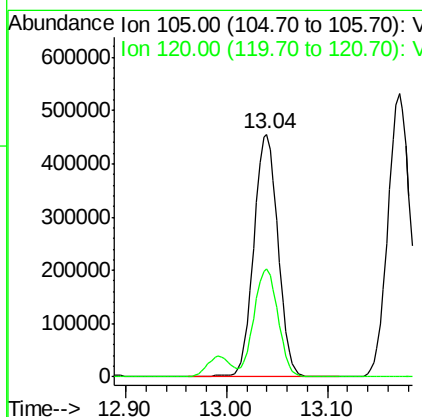
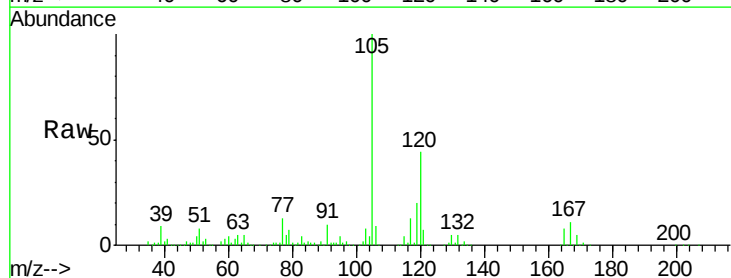
Manual Integrations
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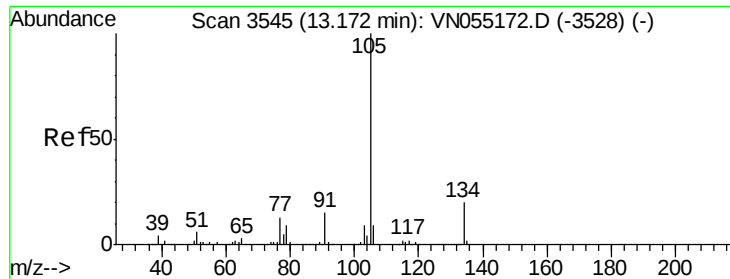
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.292 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.7	68.1





#85

sec-Butylbenzene

Concen: 44.996 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 838581

Ion Ratio Lower Upper

105 100

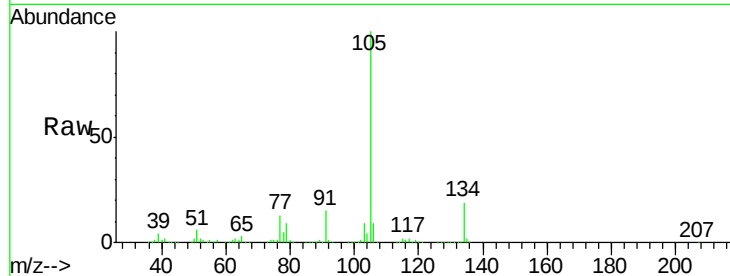
134 19.6 10.0 30.0

Manual Integrations

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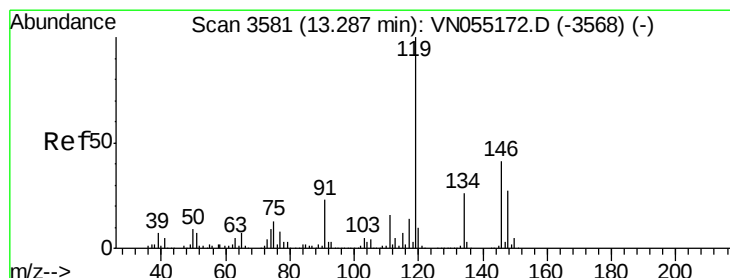
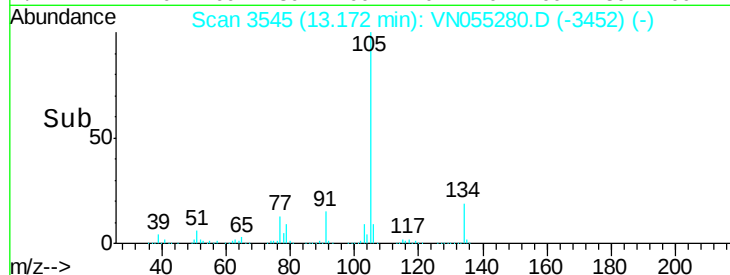
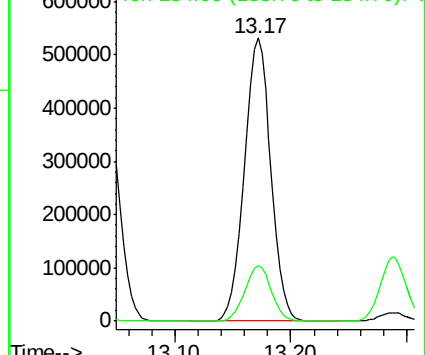
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.394 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

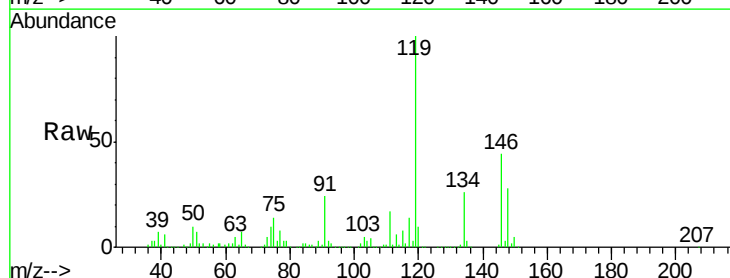
Tgt Ion:119 Resp: 727691

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

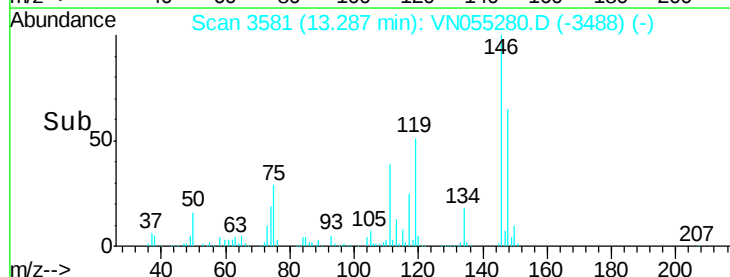
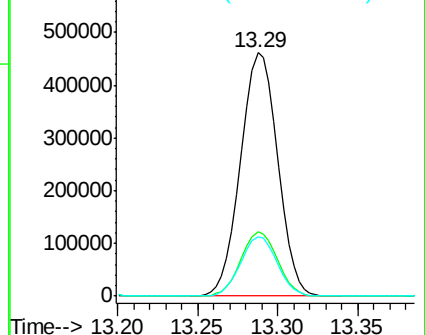
91 24.0 11.8 35.3

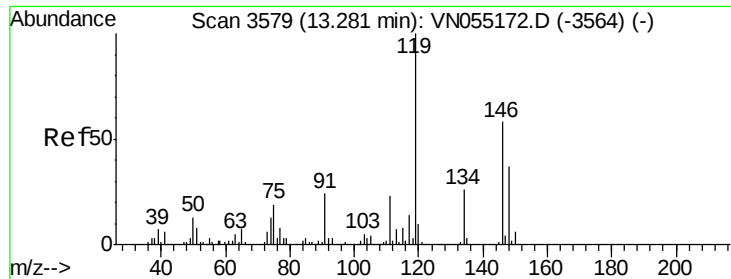


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





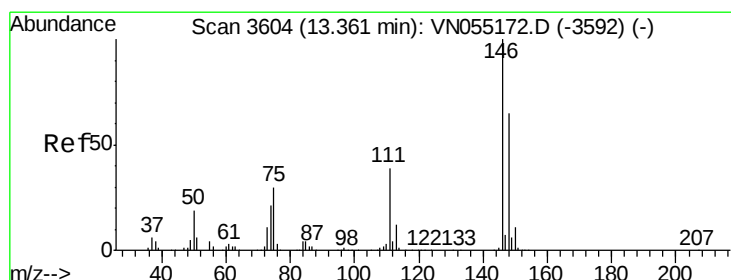
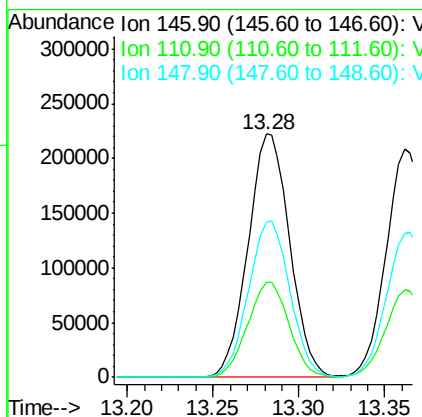
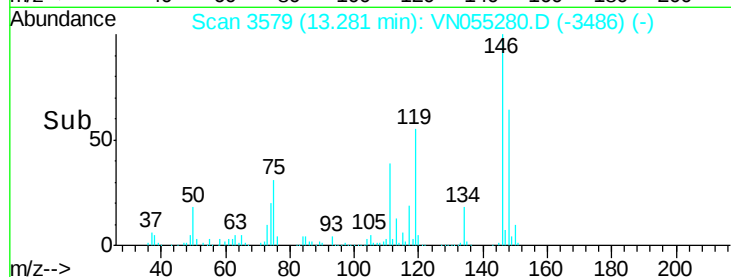
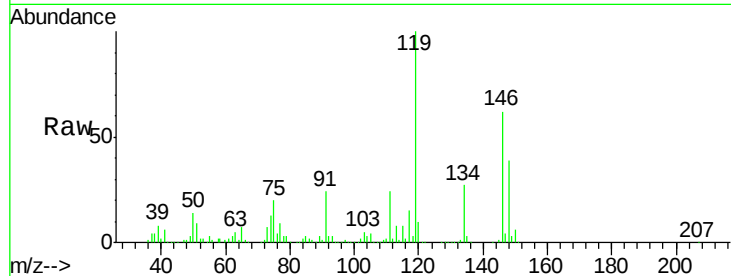
#87
 1,3-Dichlorobenzene
 Concen: 49.974 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.1
148	64.0	32.0	96.0

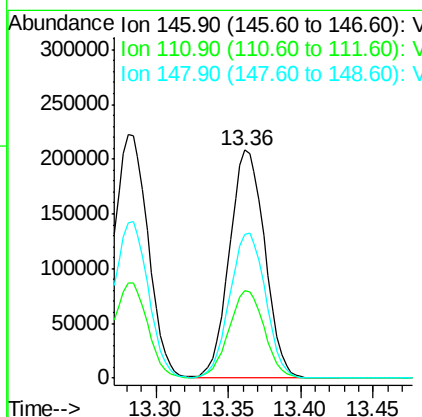
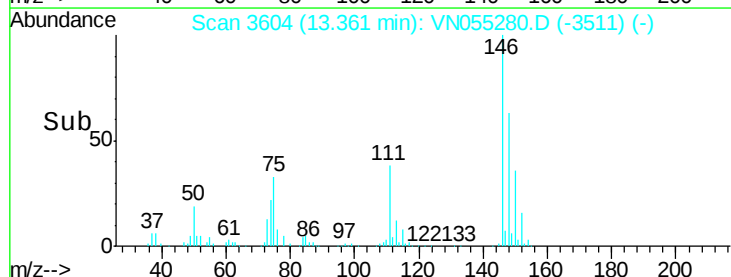
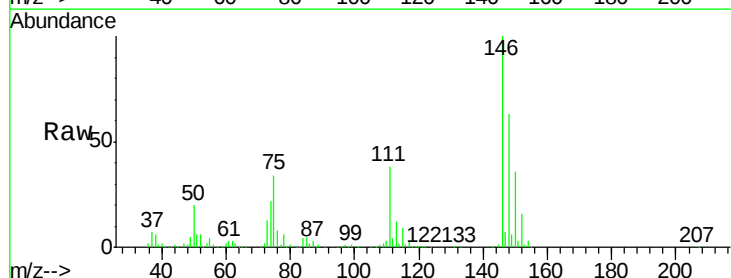
Manual Integrations
 APPROVED

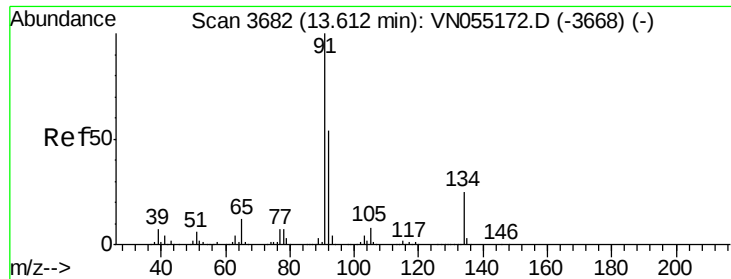
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 4/29/2019 10:57:11 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.592 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.2
148	64.4	32.9	98.6





#89

n-Butylbenzene

Concen: 49.000 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

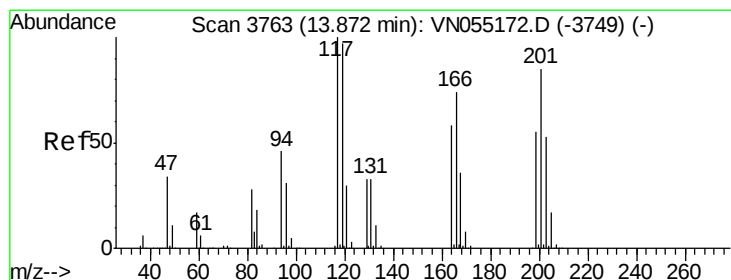
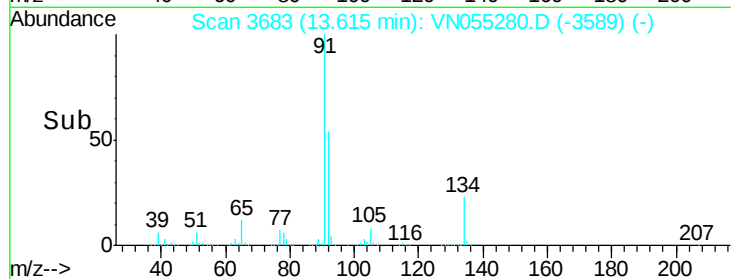
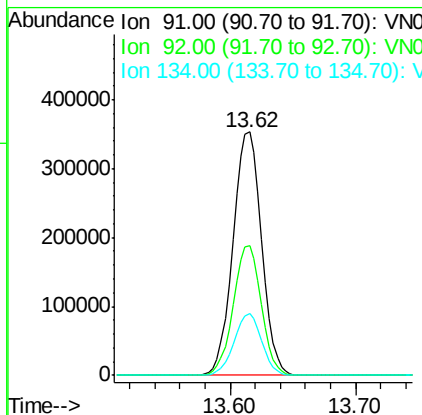
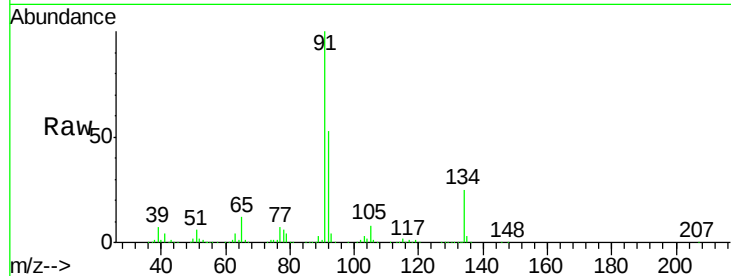
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	557657
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.2
134	24.6	12.8	38.4

Manual Integrations
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#90

Hexachloroethane

Concen: 45.478 ug/l

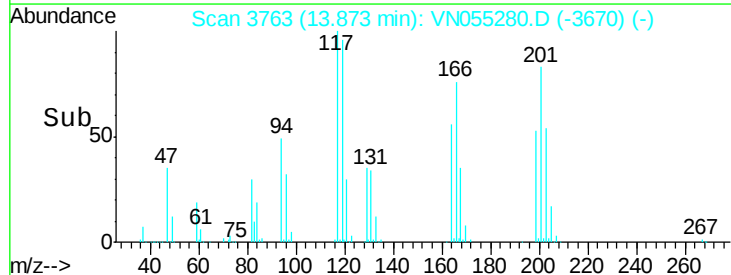
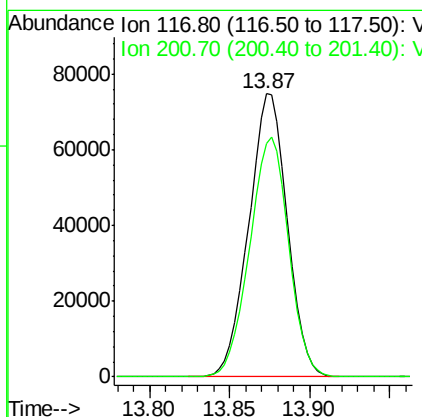
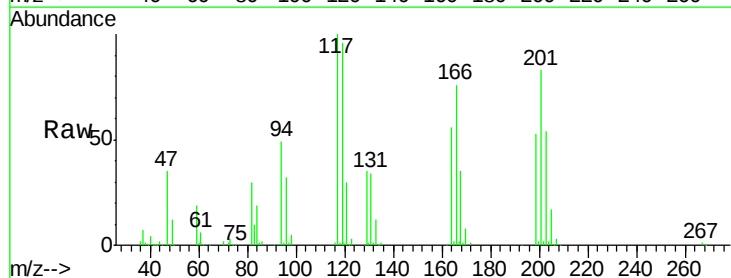
RT: 13.87 min Scan# 3763

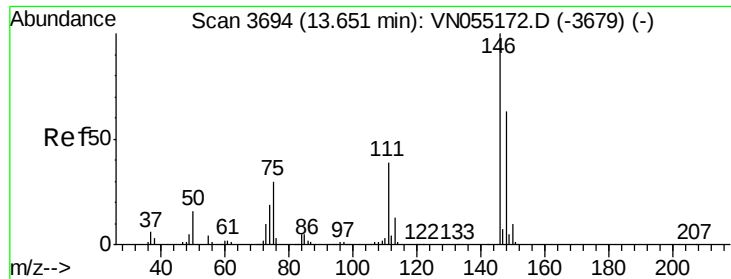
Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Tgt Ion:	117	Resp:	123840
Ion	Ratio	Lower	Upper
117	100		
201	85.9	43.1	129.4





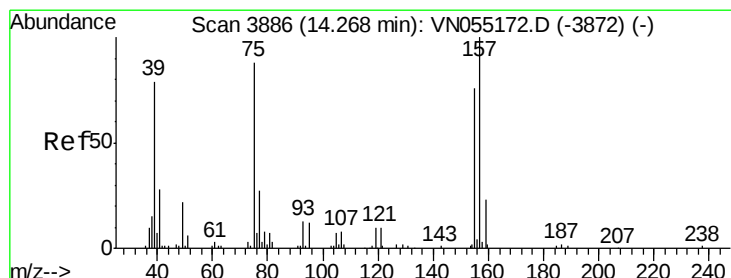
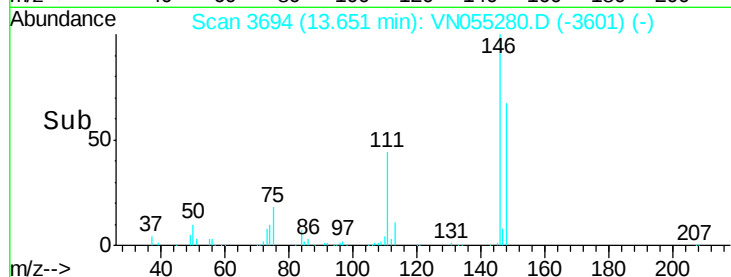
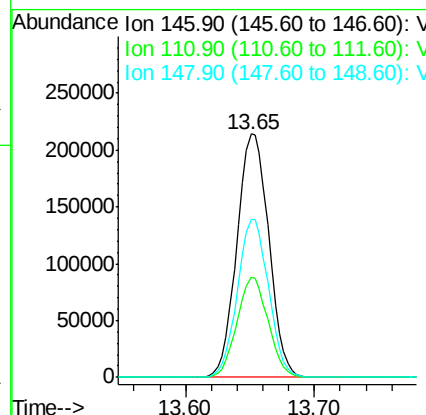
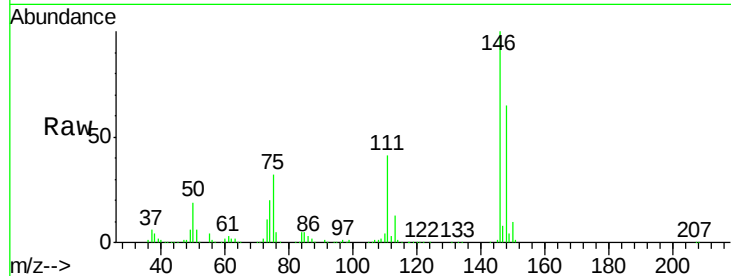
#91
 1,2-Dichlorobenzene
 Concen: 48.051 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.3
148	63.4	31.7	95.1

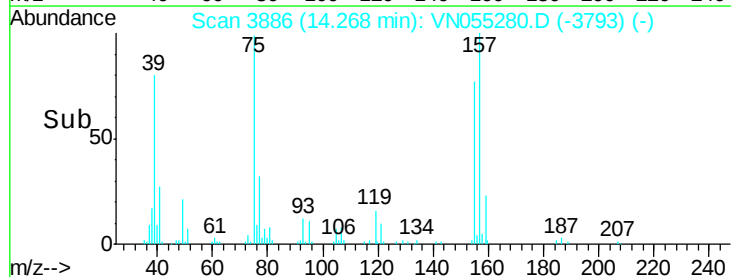
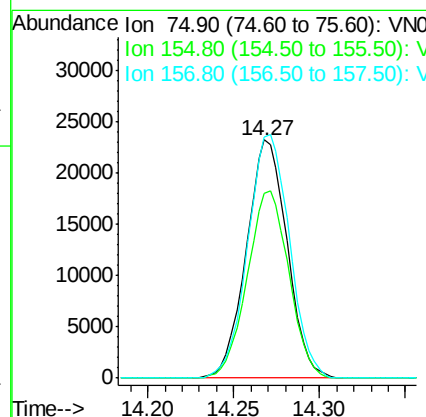
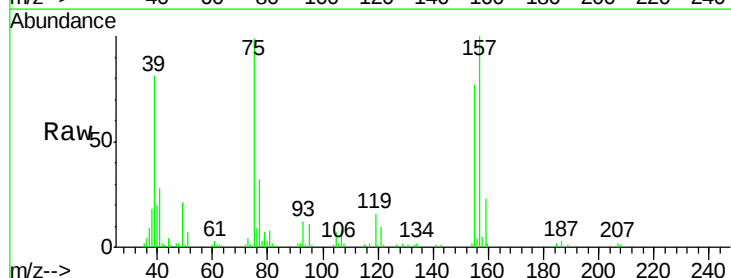
Manual Integrations
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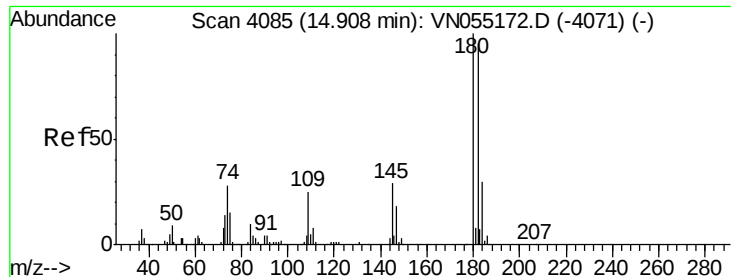
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 4/29/2019 10:57:11 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.967 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.2	43.0	129.0
157	104.8	55.7	167.1





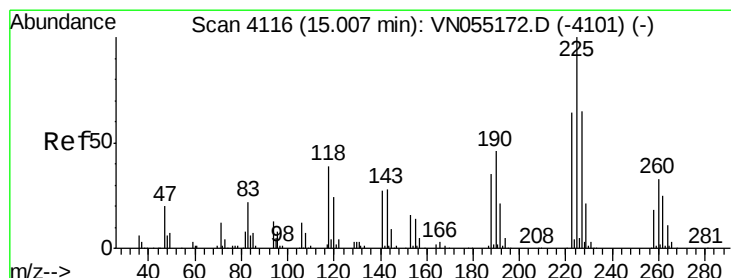
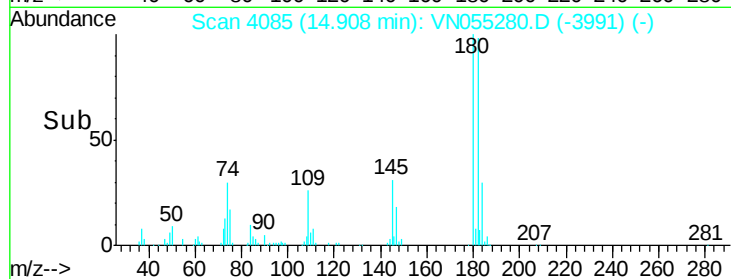
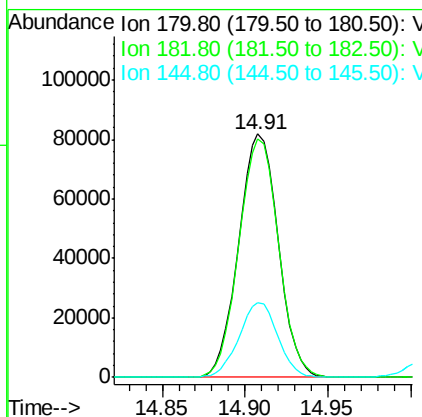
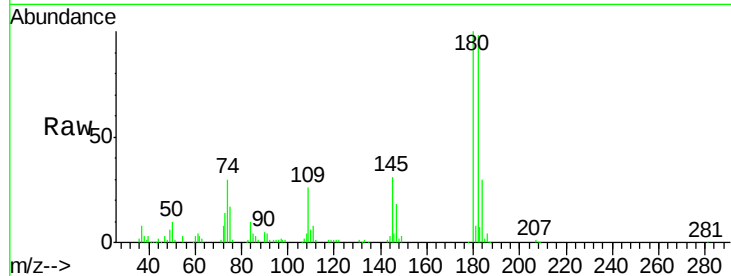
#93
 1,2,4-Trichlorobenzene
 Concen: 42.358 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.8	143.4
145	30.2	14.5	43.5

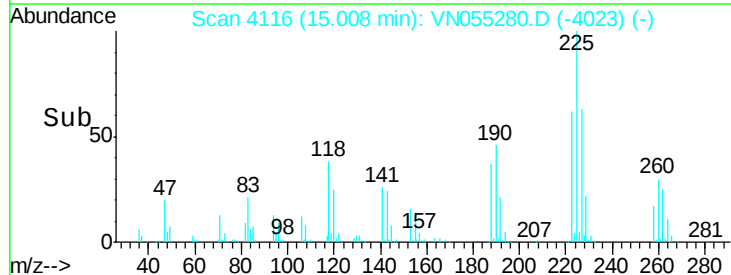
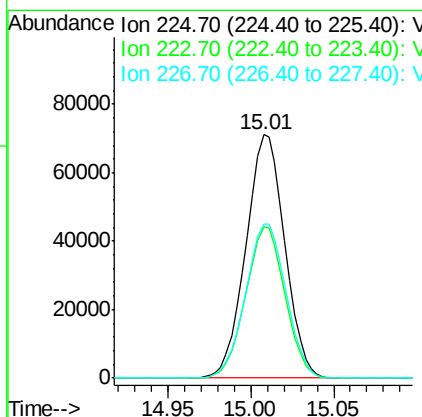
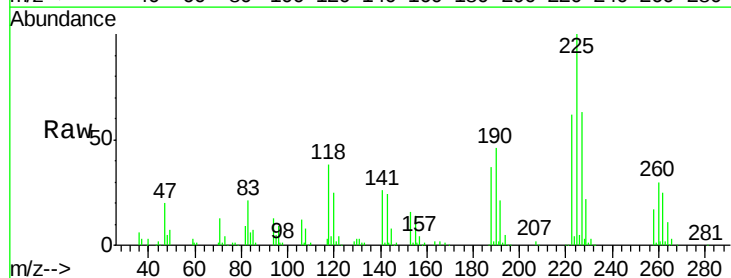
Manual Integrations
 APPROVED

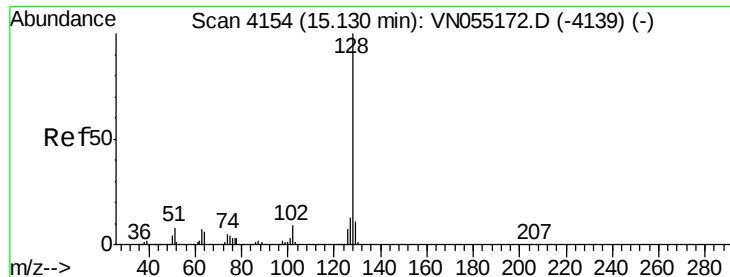
MMDadoda
 4/29/2019 10:57:11 AM



#94
 Hexachlorobutadiene
 Concen: 52.251 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.2	96.6
227	65.7	32.6	98.0





#95

Naphthalene

Concen: 44.117 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

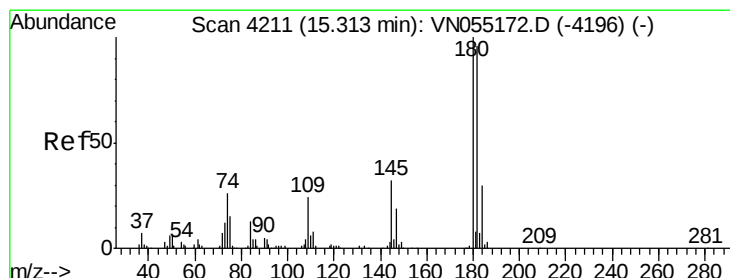
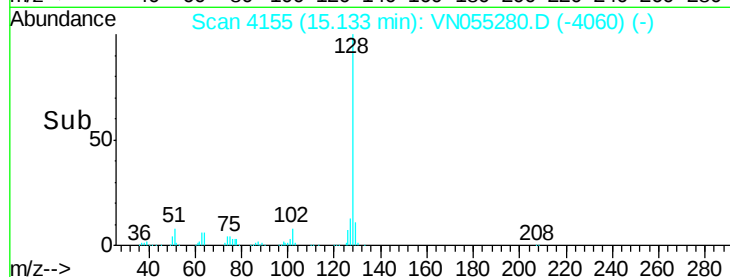
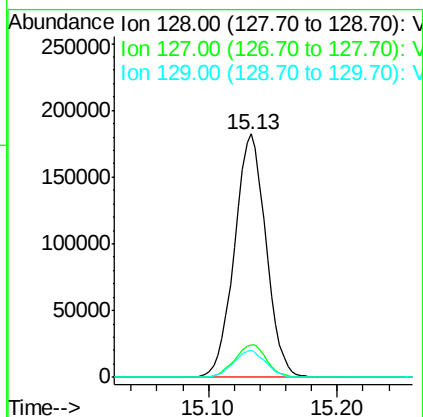
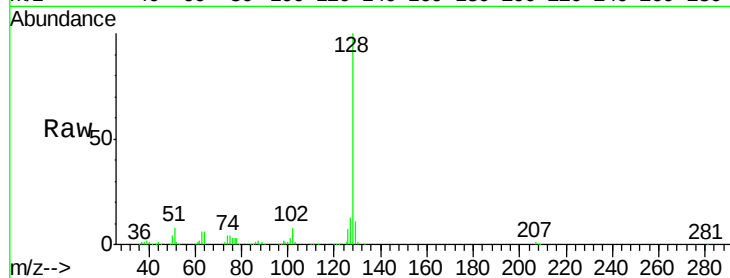
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	309065
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.3	15.5
129	11.3	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 45.995 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Tgt Ion:	180	Resp:	147255
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.2	141.6
145	30.9	15.4	46.1

