

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN072719\
 Data File : VN056954.D
 Acq On : 26 Jul 2019 20:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 8/5/2019 11:50:32 AM

Quant Time: Aug 03 00:30:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	577608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	869260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	777066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	329183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	317580	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	7.58	113	290205	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.08	98	1095098	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.39	95	361579	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	310179	53.119	ug/l	100
3) Chloromethane	2.05	50	365069	52.210	ug/l	100
4) Vinyl Chloride	2.18	62	338500	51.629	ug/l	100
5) Bromomethane	2.54	94	196410	48.187	ug/l	98
6) Chloroethane	2.69	64	183745	50.839	ug/l	99
7) Trichlorofluoromethane	3.00	101	432021	50.337	ug/l	98
8) Diethyl Ether	3.40	74	170066	52.947	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	259524	48.773	ug/l	99
10) Methyl Iodide	3.94	142	350502	49.296	ug/l	99
11) Tert butyl alcohol	4.77	59	208625	261.043	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	261859	51.576	ug/l	99
13) Acrolein	3.59	56	94697	230.793	ug/l	99
14) Allyl chloride	4.31	41	424517	51.402	ug/l	99
15) Acrylonitrile	4.97	53	632257	269.770	ug/l	99
16) Acetone	3.80	43	467882	218.430	ug/l	99
17) Carbon Disulfide	4.04	76	674298	49.981	ug/l	99
18) Methyl Acetate	4.31	43	341384	49.959	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	803347	53.066	ug/l	98
20) Methylene Chloride	4.53	84	303753	49.229	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	278520	51.653	ug/l	99
22) Diisopropyl ether	5.93	45	894203	52.550	ug/l	99
23) Vinyl Acetate	5.88	43	3193718	270.886	ug/l	100
24) 1,1-Dichloroethane	5.83	63	516884	51.484	ug/l	99
25) 2-Butanone	6.82	43	768379	252.974	ug/l	100
26) 2,2-Dichloropropane	6.81	77	350253	45.881	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	326480	51.192	ug/l	99
28) Bromochloromethane	7.18	49	244021	51.709	ug/l	99
29) Tetrahydrofuran	7.20	42	529884	267.385	ug/l	100
30) Chloroform	7.36	83	507727	49.462	ug/l	99
31) Cyclohexane	7.64	56	469365	48.312	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	425678	51.973	ug/l	100
36) 1,1-Dichloropropene	7.78	75	381475	49.873	ug/l	100
37) Ethyl Acetate	6.91	43	323248	52.766	ug/l	99
38) Carbon Tetrachloride	7.76	117	373091	51.567	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	475503	48.640	ug/l	99
40) Benzene	8.03	78	1186606	50.368	ug/l	99
41) Methacrylonitrile	7.16	41	157593	55.647	ug/l	91
42) 1,2-Dichloroethane	8.11	62	367341	49.751	ug/l	100
43) Isopropyl Acetate	8.15	43	526376	51.986	ug/l	98
44) Trichloroethene	8.82	130	322925	49.754	ug/l	98
45) 1,2-Dichloropropane	9.11	63	317552	50.394	ug/l	100
46) Dibromomethane	9.20	93	199455	52.485	ug/l	99
47) Bromodichloromethane	9.39	83	389521	52.133	ug/l	100
48) Methyl methacrylate	9.19	41	257435	52.662	ug/l	99
49) 1,4-Dioxane	9.19	88	106718	1059.325	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1587302	263.842	ug/l	100
52) Toluene	10.15	92	726406	51.320	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	401444	51.776	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	473819	52.559	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	288134	50.760	ug/l	99
56) Ethyl methacrylate	10.42	69	417294	48.726	ug/l	99
57) 1,3-Dichloropropane	10.70	76	482517	51.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	842918	247.803	ug/l	100
59) 2-Hexanone	10.74	43	1100943	237.755	ug/l	100
60) Dibromochloromethane	10.89	129	312933	53.810	ug/l	99
61) 1,2-Dibromoethane	11.00	107	292741	52.846	ug/l	99
64) Tetrachloroethene	10.62	164	325942	48.675	ug/l	99
65) Chlorobenzene	11.43	112	780691	49.293	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	298045	49.999	ug/l	99
67) Ethyl Benzene	11.50	91	1372141	50.129	ug/l	100
68) m/p-Xylenes	11.61	106	1018985	100.870	ug/l	100
69) o-Xylene	11.94	106	496119	50.198	ug/l	99
70) Styrene	11.96	104	834878	47.875	ug/l	100
71) Bromoform	12.12	173	222652	53.499	ug/l	99
73) Isopropylbenzene	12.24	105	1329167	46.720	ug/l	100
74) N-amyl acetate	12.06	43	418548	50.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	378698	52.807	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	337893m	50.544	ug/l	
77) Bromobenzene	12.52	156	350441	47.197	ug/l	100
78) n-propylbenzene	12.59	91	1445982	47.602	ug/l	99
79) 2-Chlorotoluene	12.67	91	867976	46.404	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1106178	47.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	103543	49.764	ug/l	99
82) 4-Chlorotoluene	12.77	91	836818	47.807	ug/l	99
83) tert-Butylbenzene	12.99	119	969315	46.895	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	1090229	48.526	ug/l	100
85) sec-Butylbenzene	13.17	105	1252067	46.961	ug/l	100
86) p-Isopropyltoluene	13.28	119	1124161	47.491	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	554042	49.054	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	527441	48.510	ug/l	100
89) n-Butylbenzene	13.61	91	900771	49.376	ug/l	99
90) Hexachloroethane	13.87	117	195387	47.937	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	554692	49.900	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	57532	50.844	ug/l	98

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	268172	46.940	ug/l	99
94) Hexachlorobutadiene	15.00	225	198144	51.103	ug/l	98
95) Naphthalene	15.12	128	625269	45.085	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	265389	45.970	ug/l	99

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

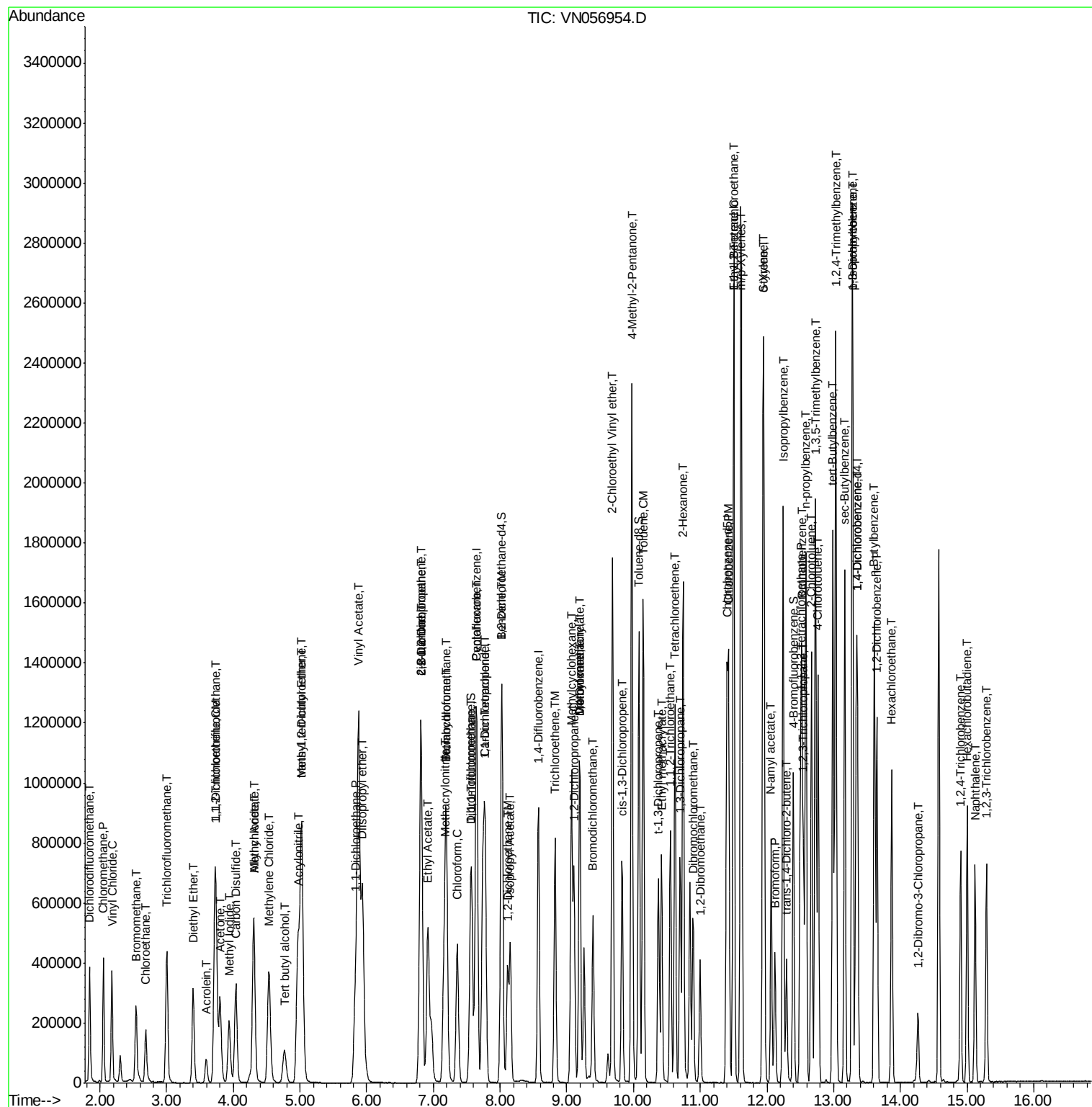
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Data File : VN056954.D
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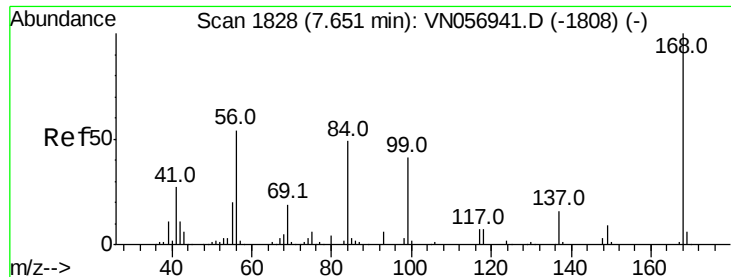
Instrument :
MSVOA_N
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 577608

Ion Ratio Lower Upper

168 100

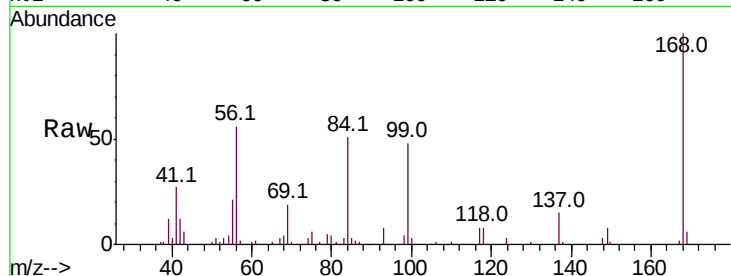
99 48.0 39.0 58.4

Manual Integrations

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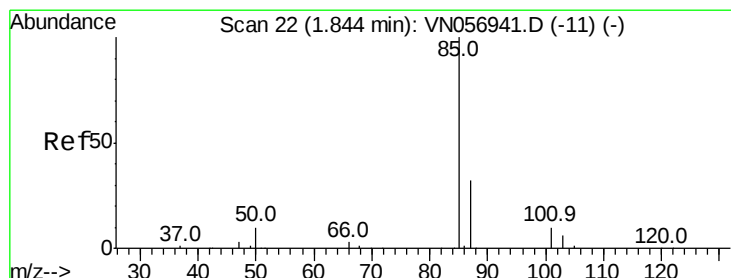
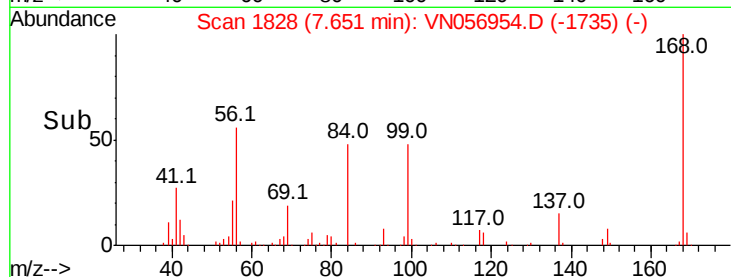
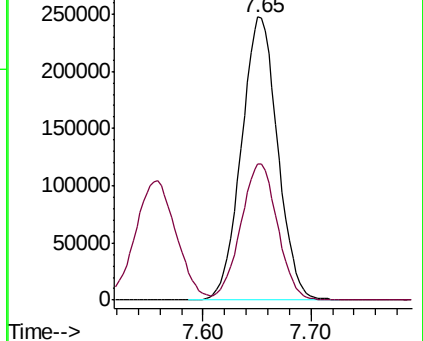
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 53.119 ug/l

RT: 1.84 min Scan# 22

Delta R.T. 0.00 min

Lab File: VN056954.D

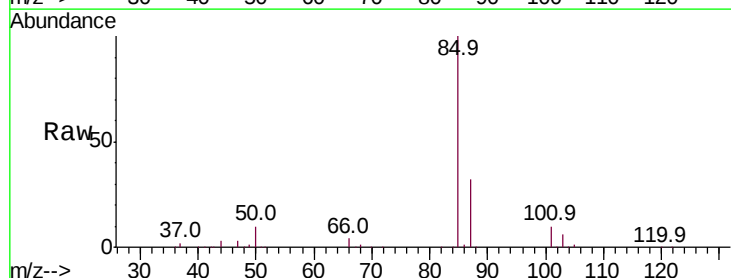
Acq: 26 Jul 2019 20:32

Tgt Ion: 85 Resp: 310179

Ion Ratio Lower Upper

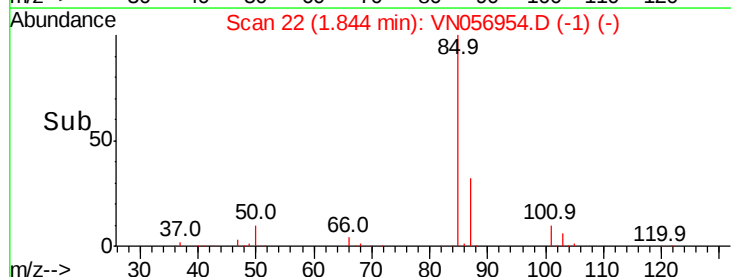
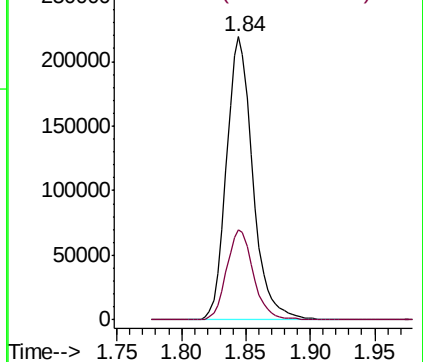
85 100

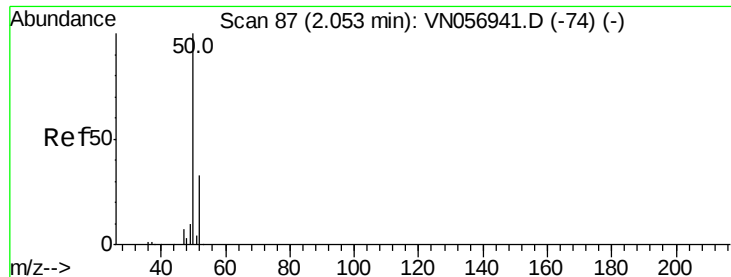
87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 52.210 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 365069

Ion Ratio Lower Upper

50 100

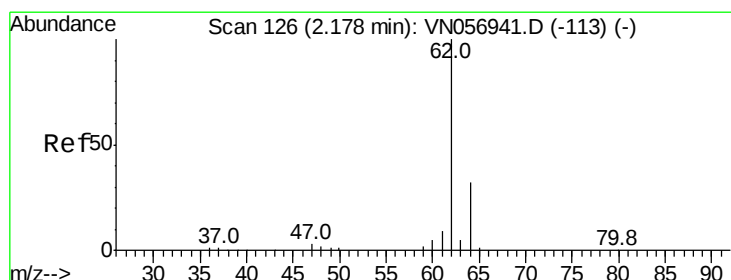
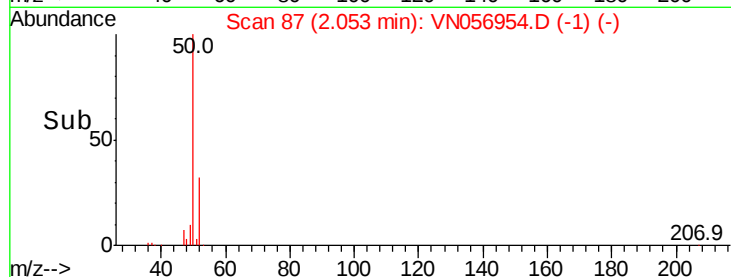
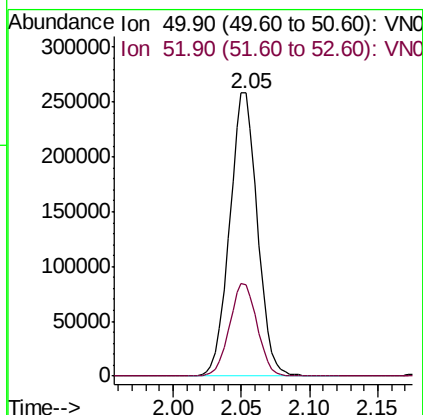
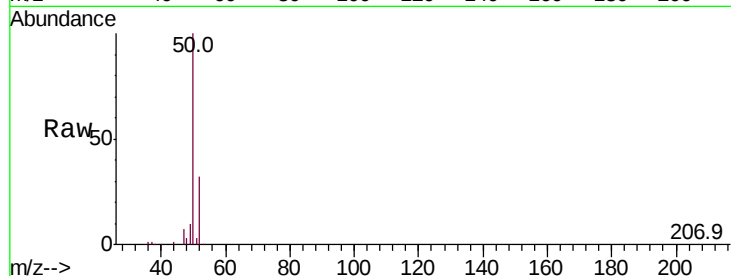
52 32.5 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.629 ug/l

RT: 2.18 min Scan# 126

Delta R.T. 0.00 min

Lab File: VN056954.D

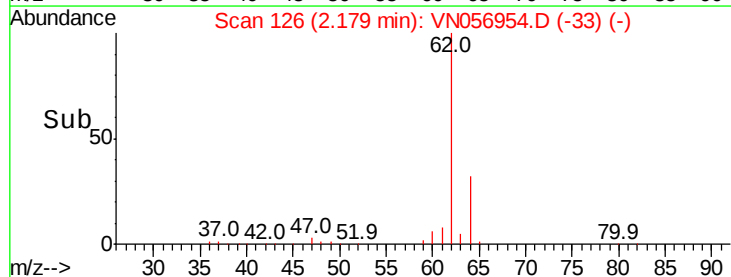
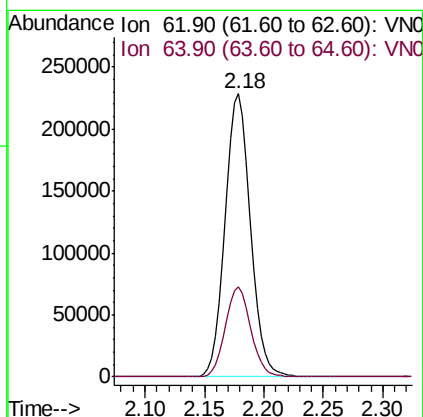
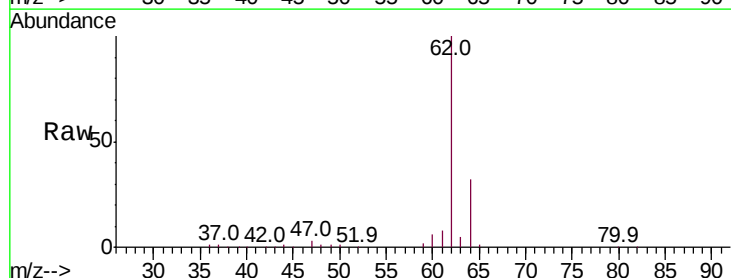
Acq: 26 Jul 2019 20:32

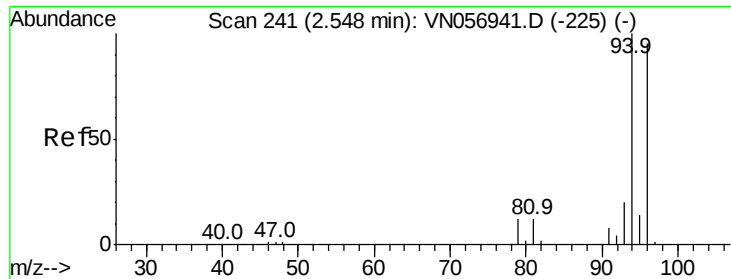
Tgt Ion: 62 Resp: 338500

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 48.187 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 94 Resp: 196410

Ion Ratio Lower Upper

94 100

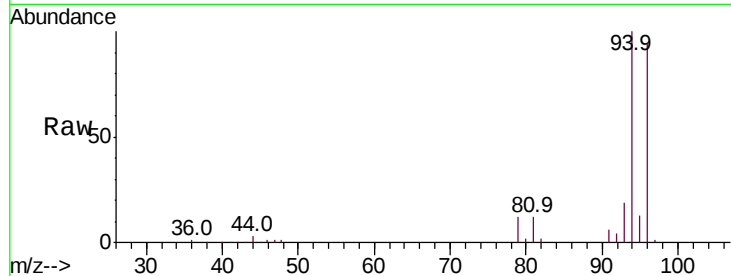
96 93.6 76.2 114.2

Manual Integrations

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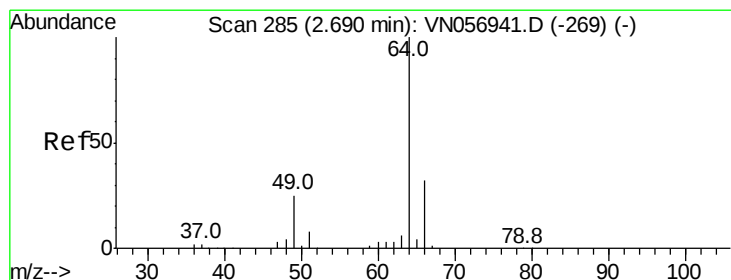
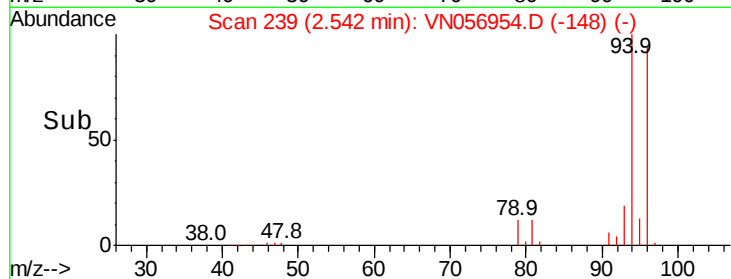
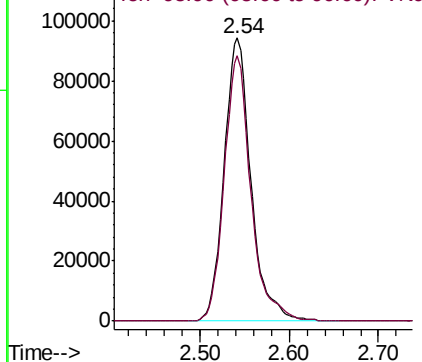
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 50.839 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.00 min

Lab File: VN056954.D

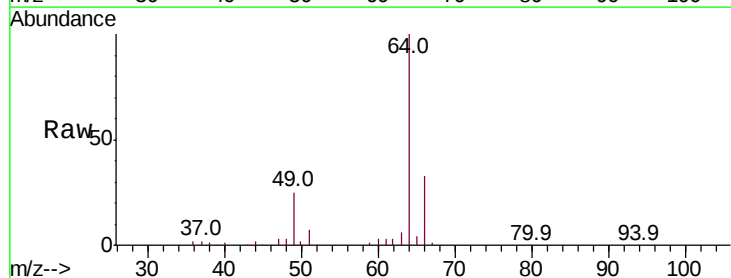
Acq: 26 Jul 2019 20:32

Tgt Ion: 64 Resp: 183745

Ion Ratio Lower Upper

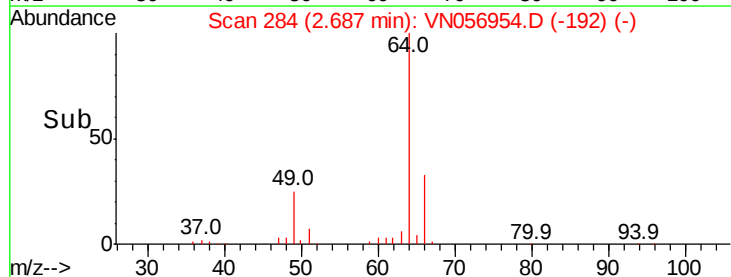
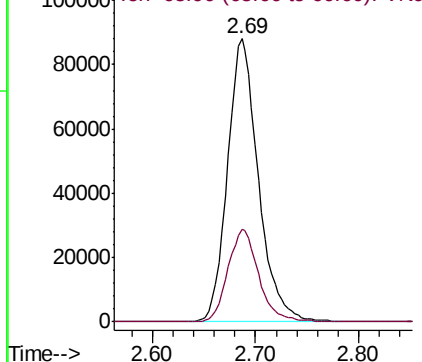
64 100

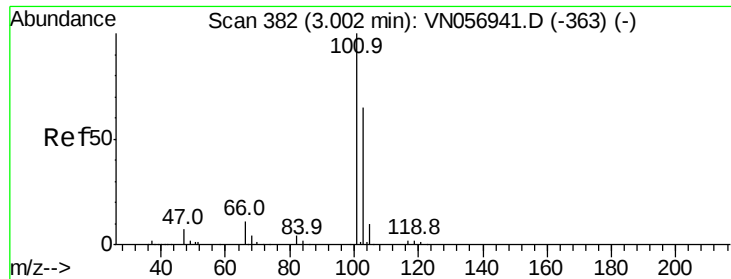
66 32.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

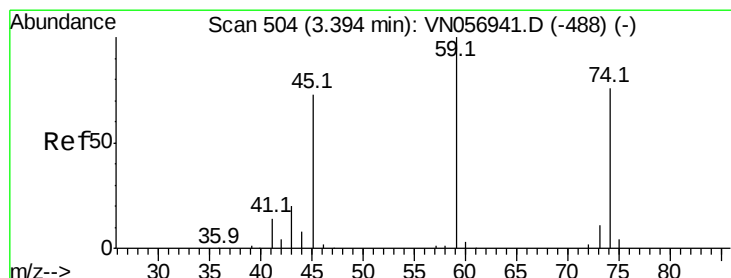
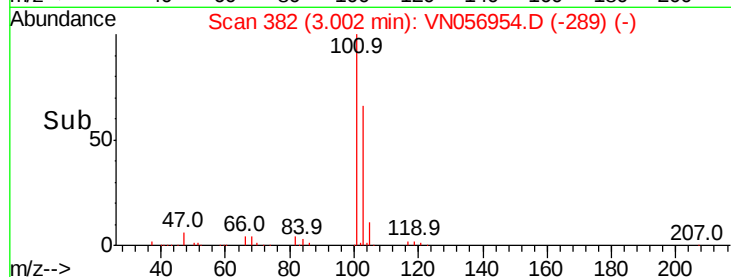
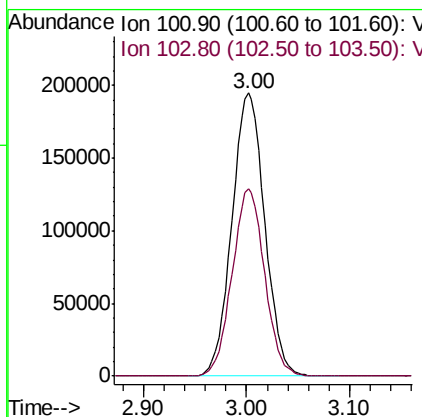
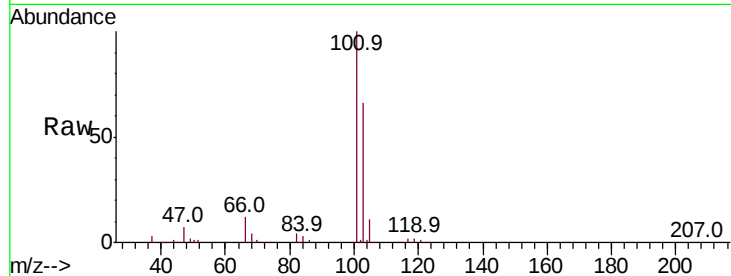
Trichlorofluoromethane
Concen: 50.337 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.1	78.1

Manual Integrations
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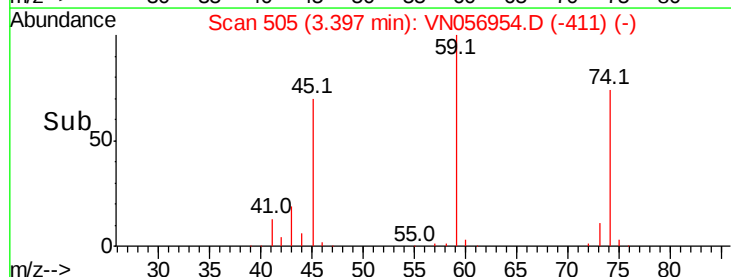
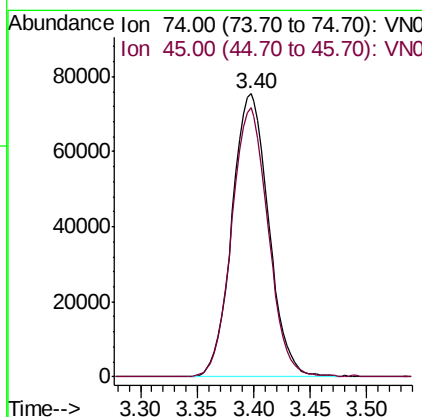
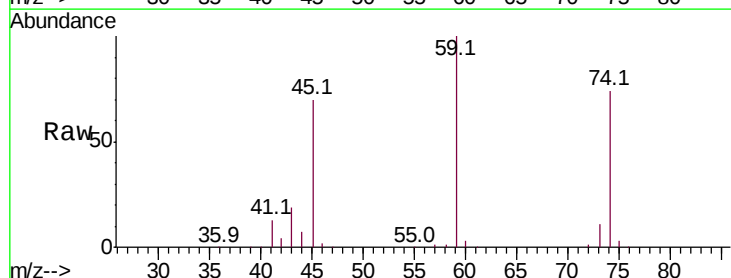
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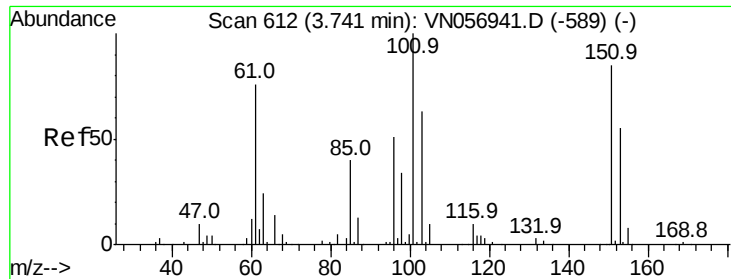


#8

Diethyl Ether
Concen: 52.947 ug/l
RT: 3.40 min Scan# 505
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.773 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

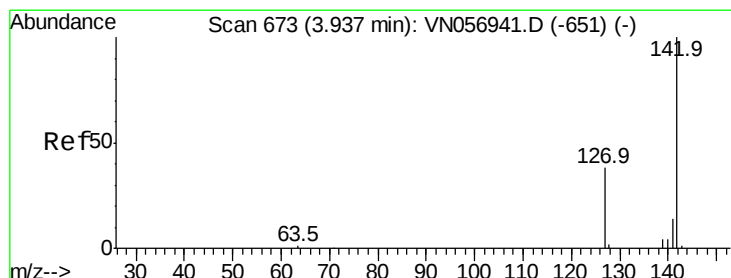
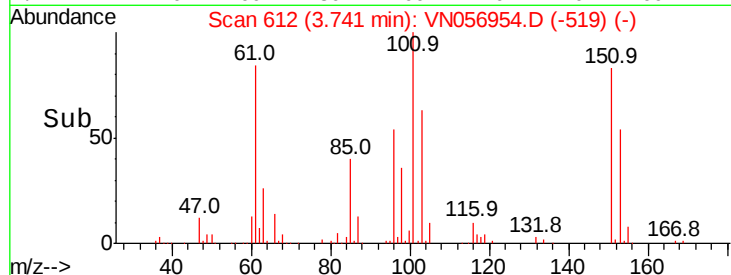
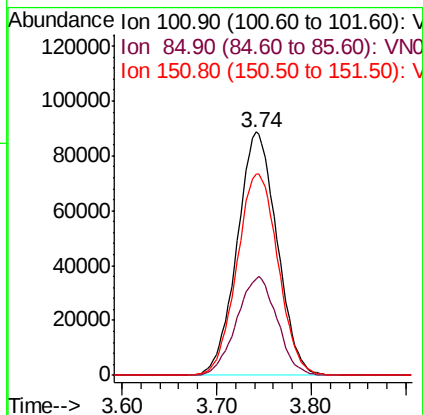
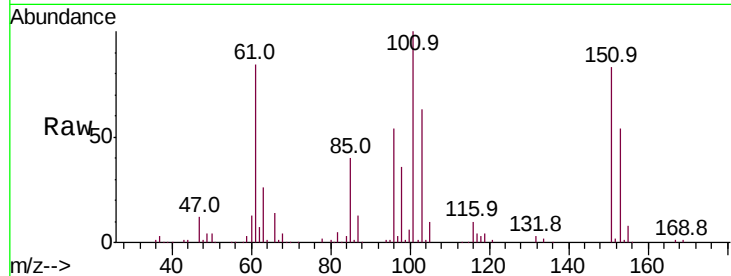
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	259524
Ion Ratio	Lower	Upper	
101	100		
85	41.0	32.3	48.5
151	85.4	68.0	102.0

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#10

Methyl Iodide

Concen: 49.296 ug/l

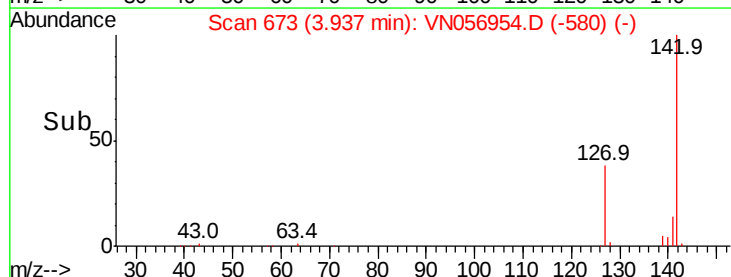
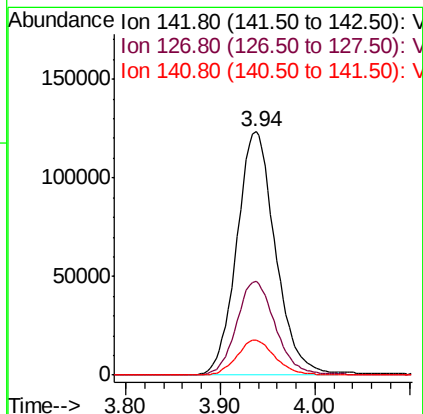
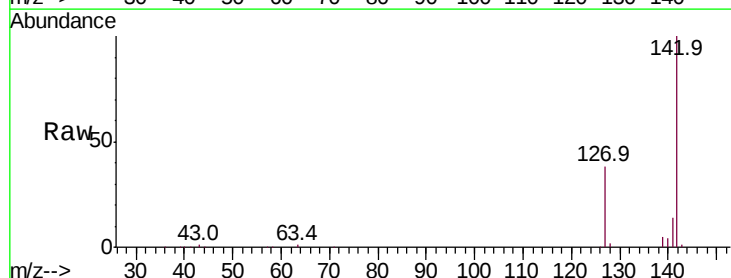
RT: 3.94 min Scan# 673

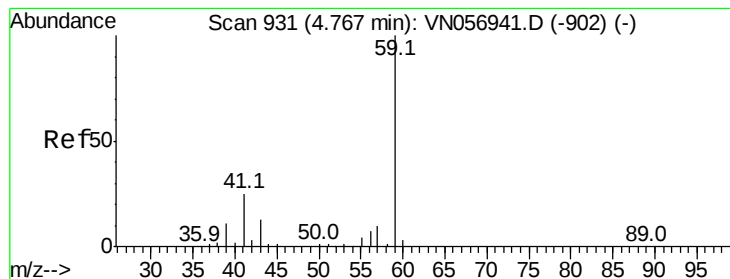
Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Tgt Ion:	142	Resp:	350502
Ion Ratio	Lower	Upper	
142	100		
127	38.8	30.4	45.6
141	14.3	11.1	16.7





#11

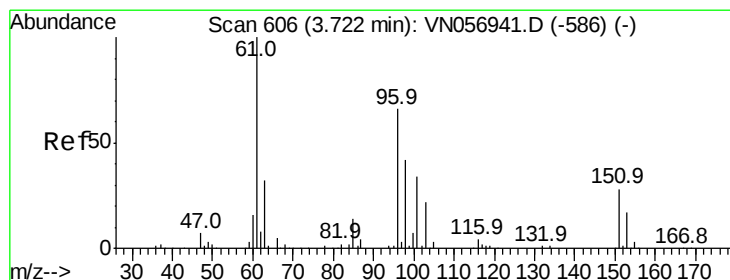
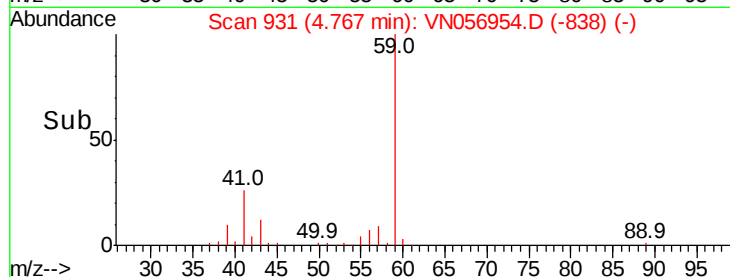
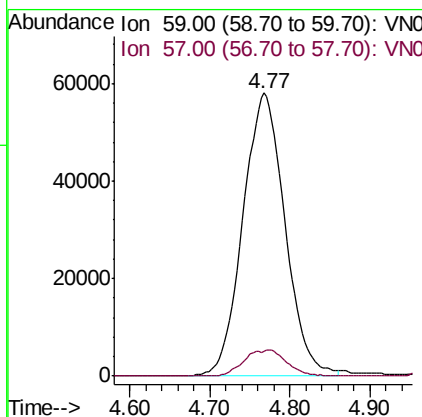
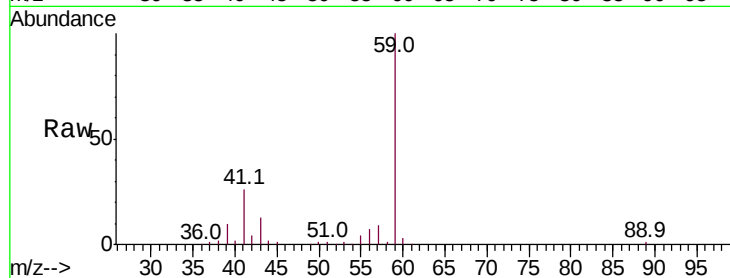
Tert butyl alcohol
Concen: 261.043 ug/l
RT: 4.77 min Scan# 931
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	208625
Ion Ratio	100	Lower	Upper
57	4.1	7.5	11.3#

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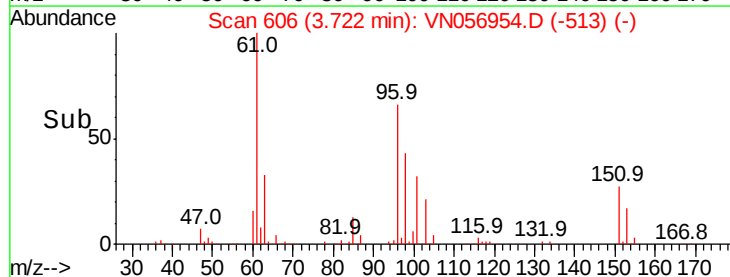
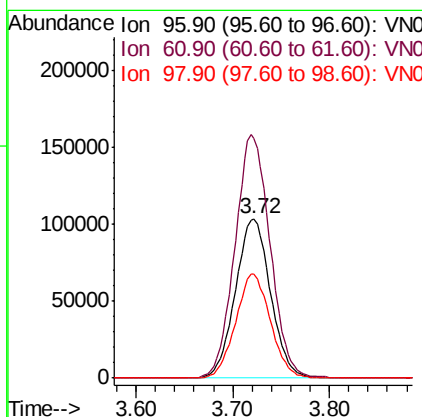
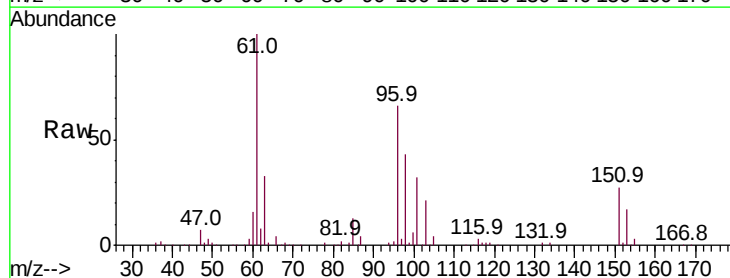
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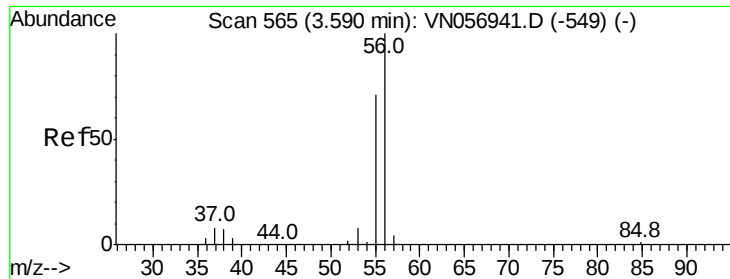


#12

1,1-Dichloroethene
Concen: 51.576 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion	96	Resp	261859
Ion Ratio	100	Lower	Upper
61	150.8	121.8	182.8
98	65.2	51.7	77.5





#13

Acrolein

Concen: 230.793 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 94697

Ion Ratio Lower Upper

56 100

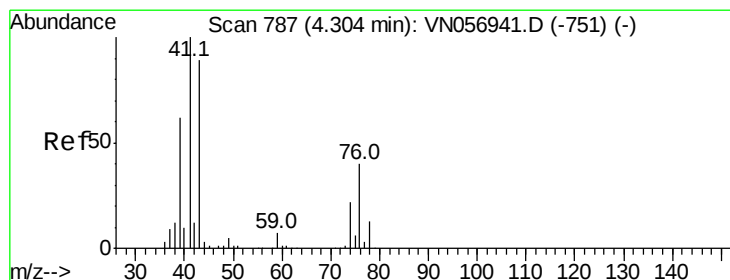
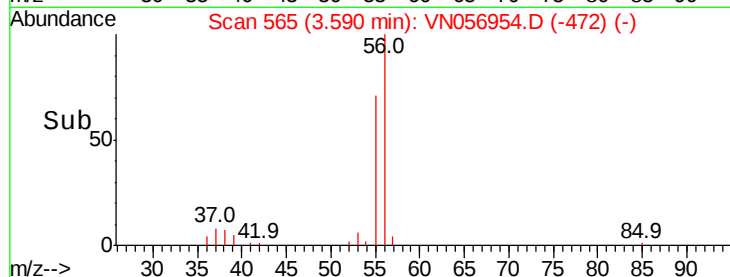
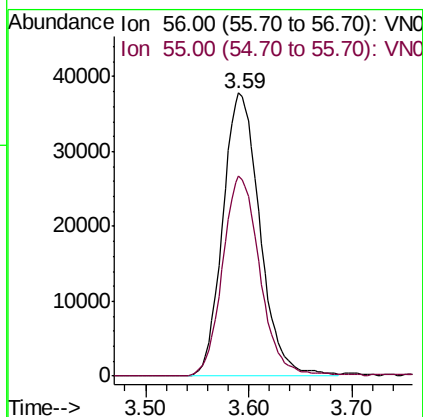
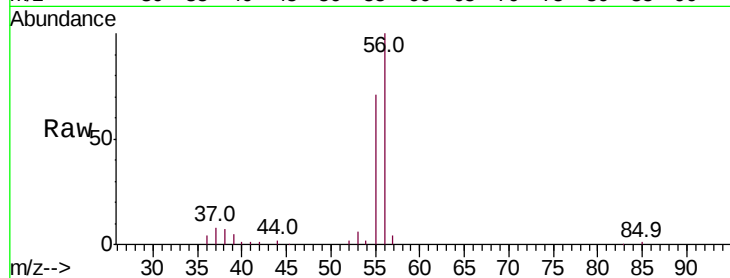
55 70.6 55.8 83.6

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#14

Allyl chloride

Concen: 51.402 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

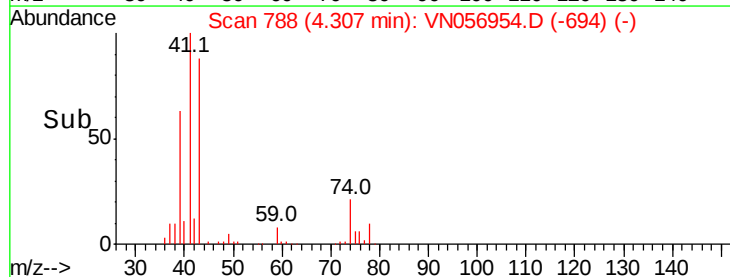
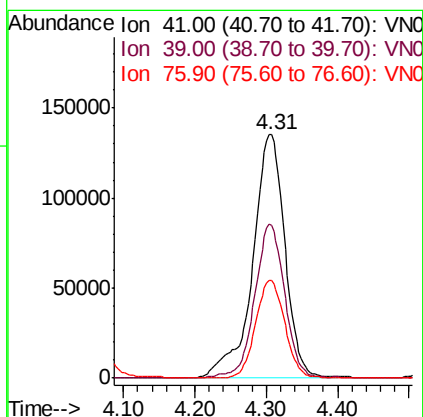
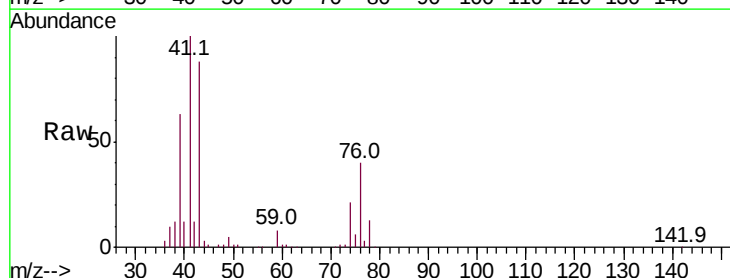
Tgt Ion: 41 Resp: 424517

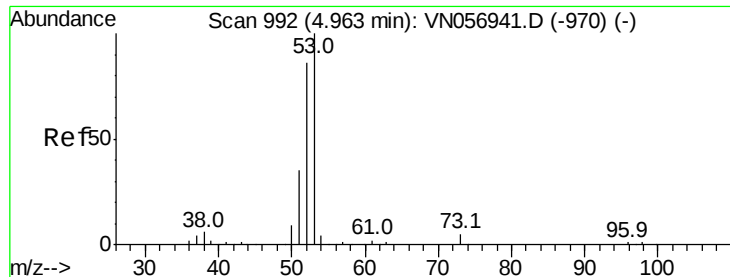
Ion Ratio Lower Upper

41 100

39 58.7 46.4 69.6

76 36.5 28.4 42.6





#15

Acrylonitrile

Concen: 269.770 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

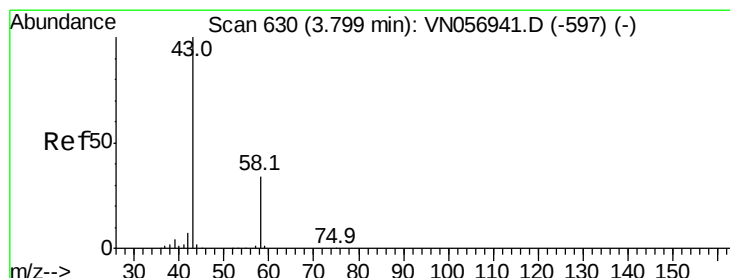
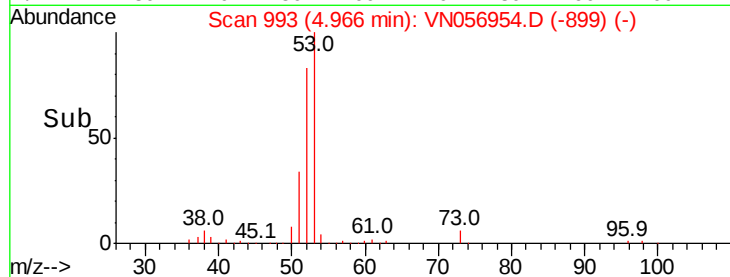
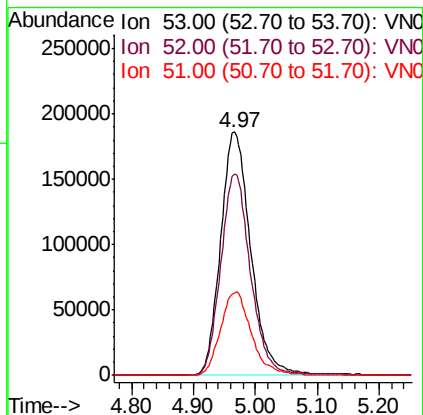
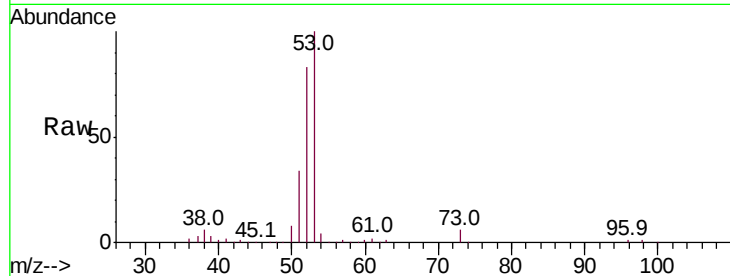
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	632257
Ion Ratio	Lower	Upper	
53	100		
52	81.7	66.5	99.7
51	35.1	28.4	42.6

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#16

Acetone

Concen: 218.430 ug/l

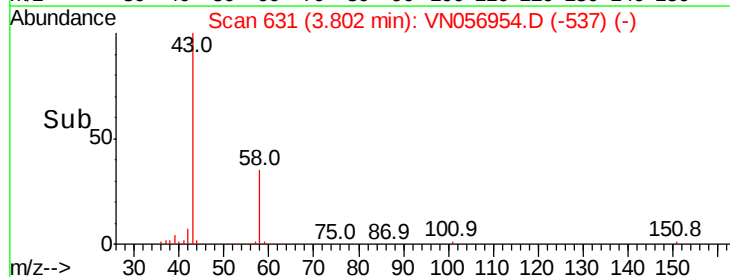
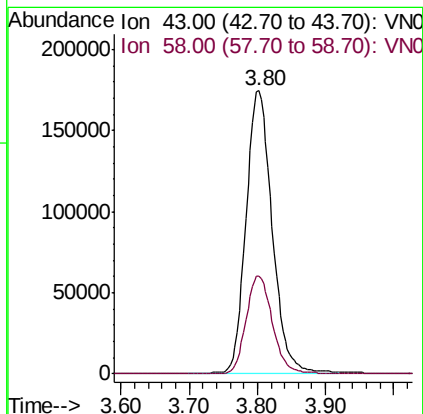
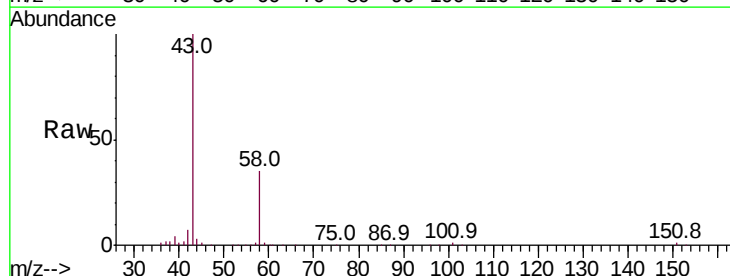
RT: 3.80 min Scan# 631

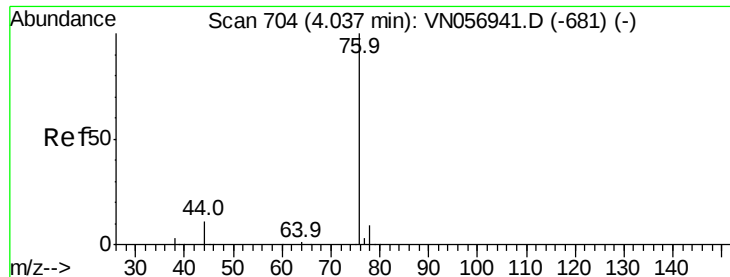
Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Tgt Ion:	43	Resp:	467882
Ion Ratio	Lower	Upper	
43	100		
58	34.4	27.2	40.8





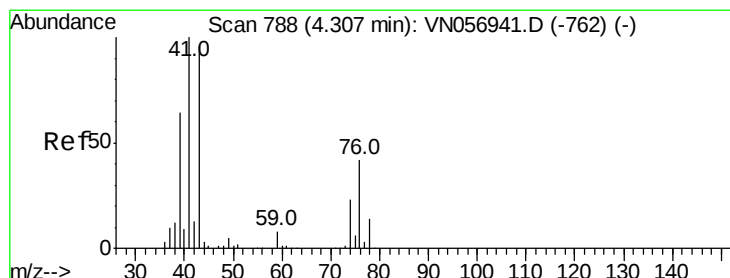
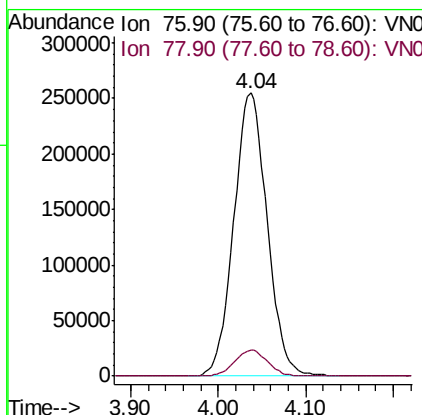
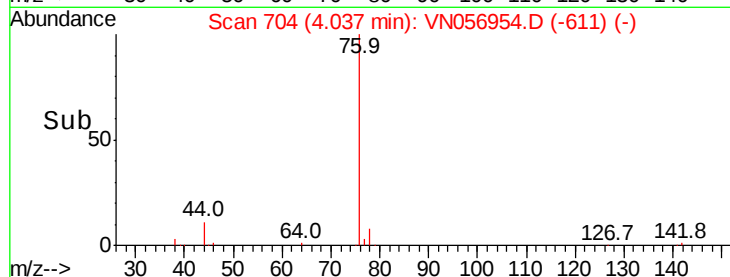
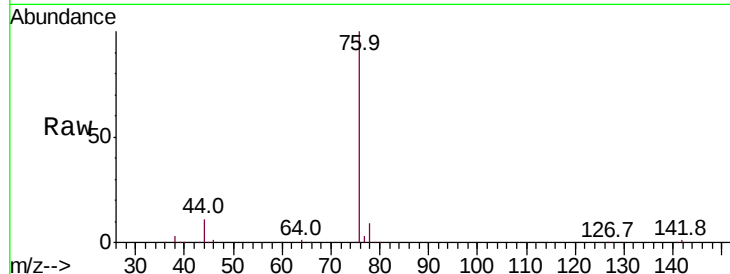
#17
Carbon Disulfide
Concen: 49.981 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

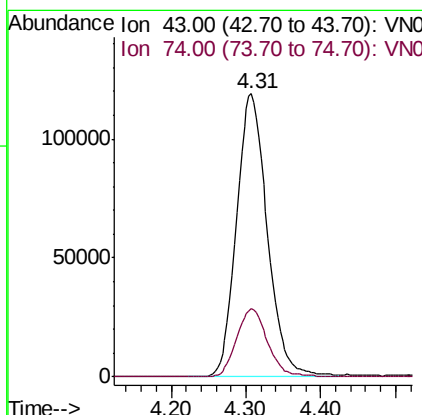
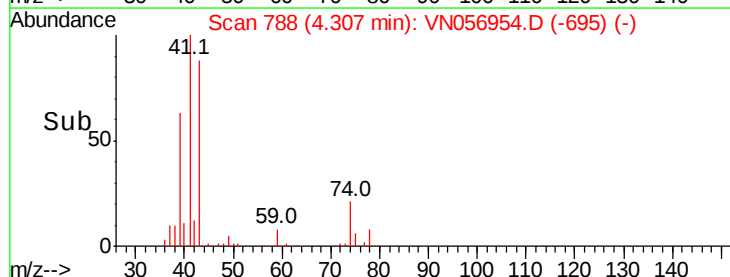
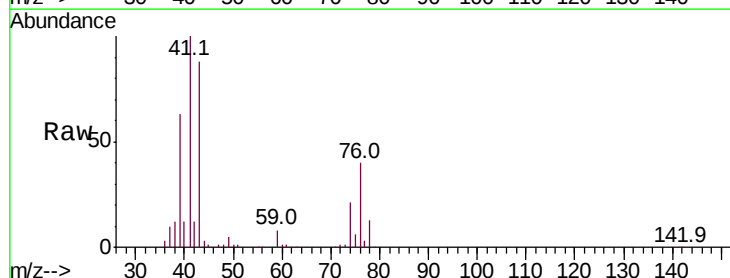
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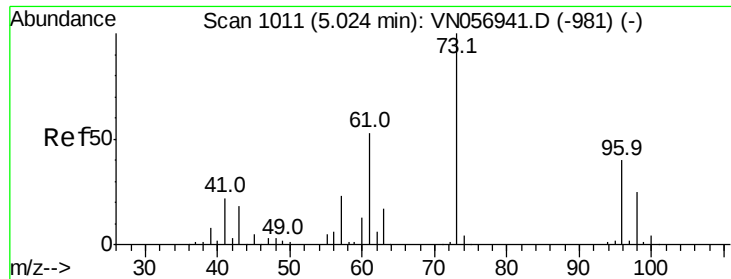
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#18
Methyl Acetate
Concen: 49.959 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.7	29.5





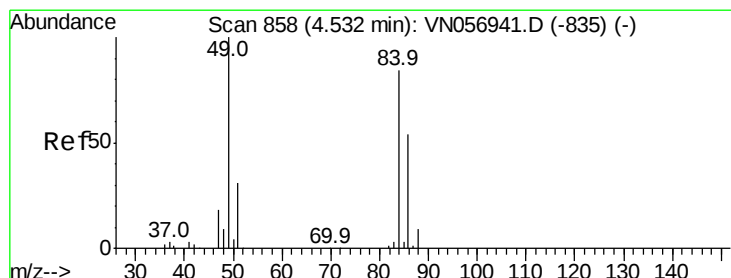
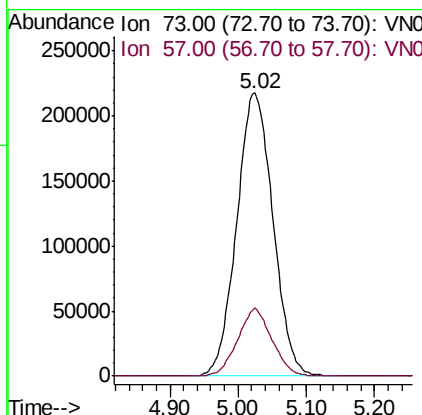
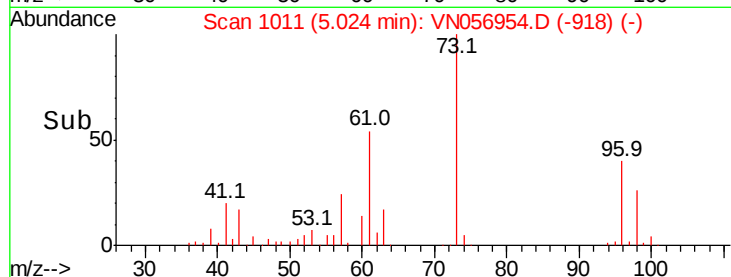
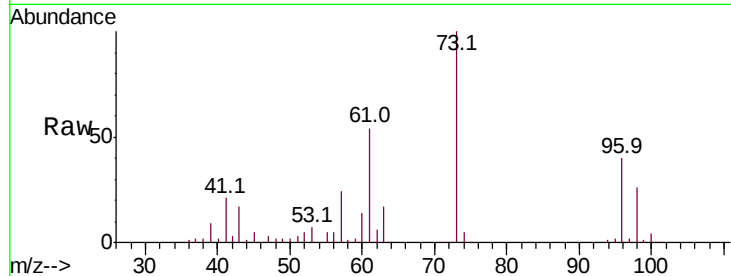
#19
Methvl tert-butvl Ether
Concen: 53.066 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 803347
Ion Ratio Lower Upper
73 100
57 24.0 18.3 27.5

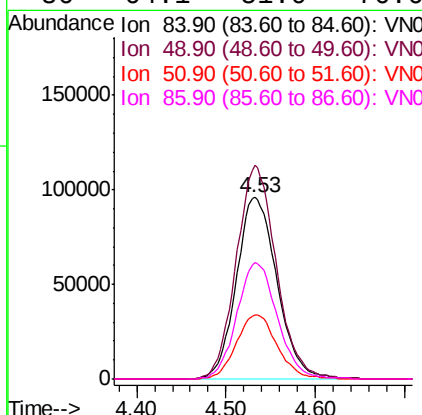
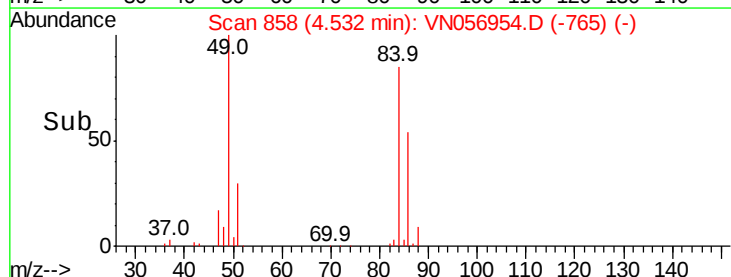
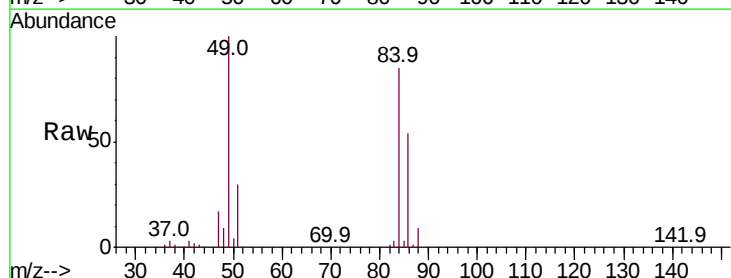
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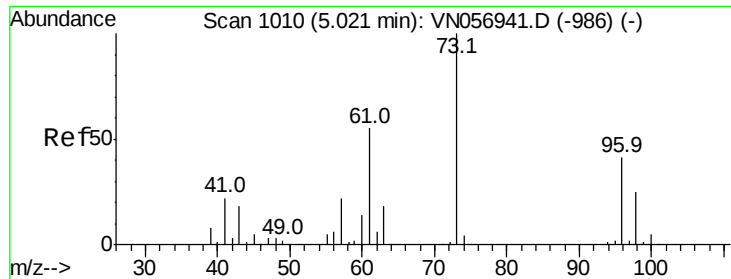
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#20
Methylene Chloride
Concen: 49.229 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion: 84 Resp: 303753
Ion Ratio Lower Upper
84 100
49 117.9 95.2 142.8
51 35.4 29.7 44.5
86 64.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.653 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 278520

Ion Ratio Lower Upper

96 100

61 134.8 107.5 161.3

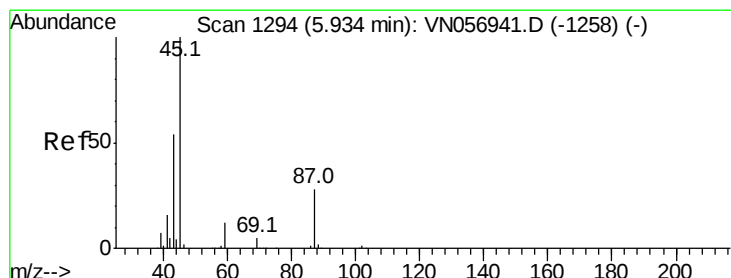
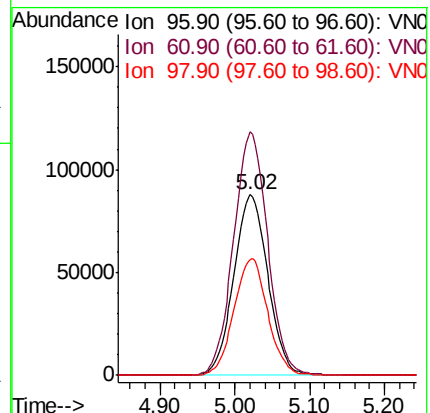
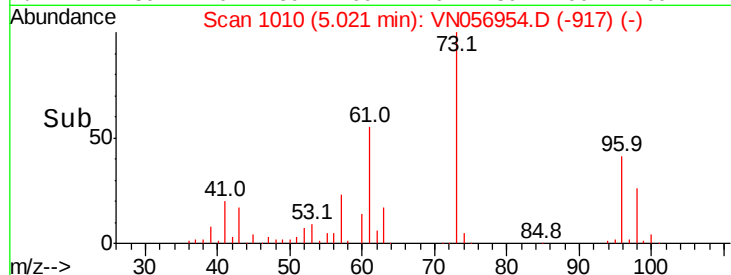
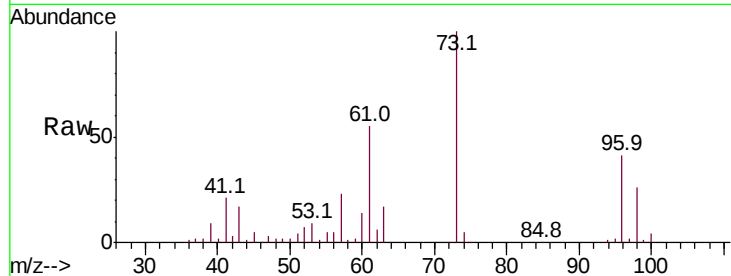
98 64.1 49.9 74.9

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#22

Diisopropyl ether

Concen: 52.550 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Tgt Ion: 45 Resp: 894203

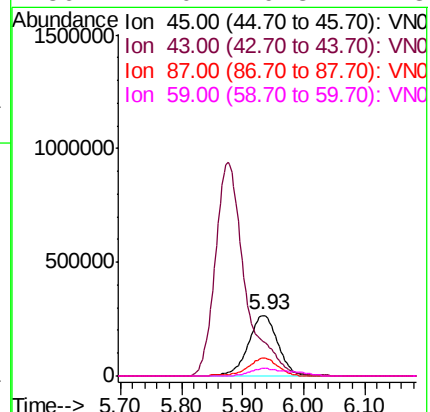
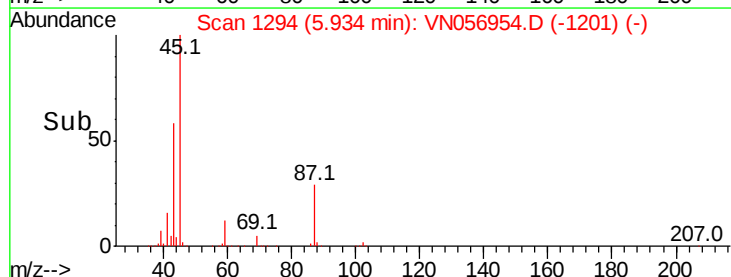
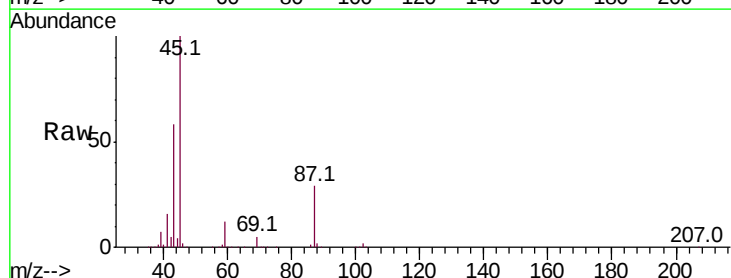
Ion Ratio Lower Upper

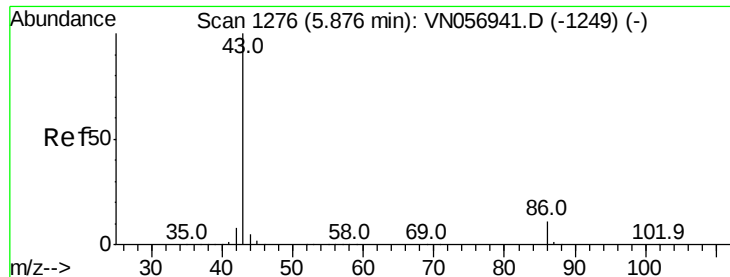
45 100

43 57.1 44.7 67.1

87 29.1 23.0 34.6

59 12.0 9.8 14.8





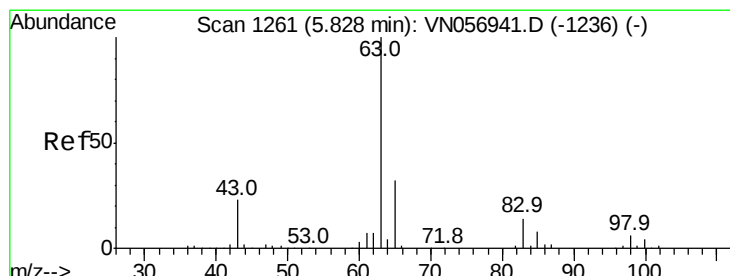
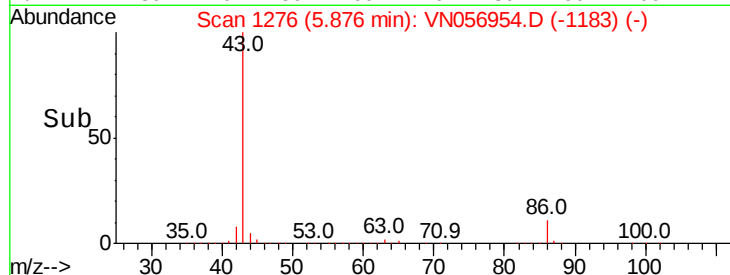
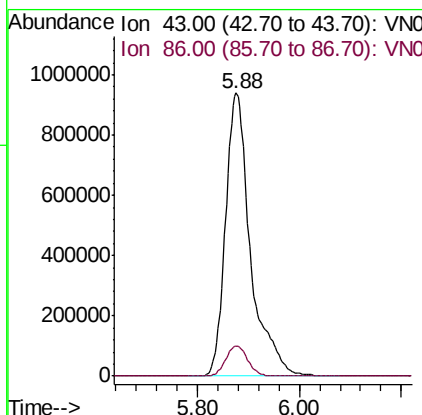
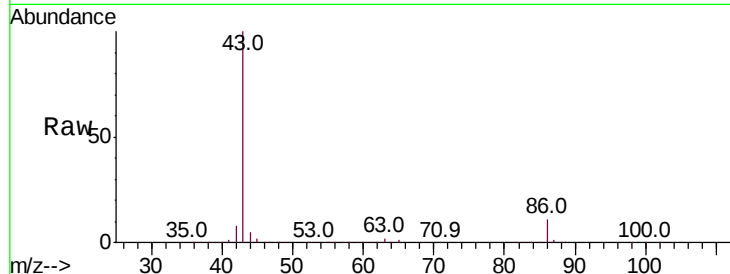
#23
 Vinyl Acetate
 Concen: 270.886 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 3193718
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7

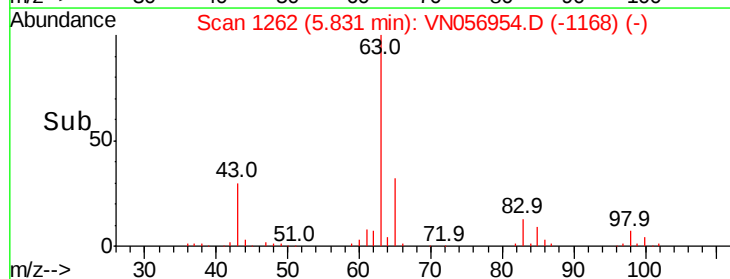
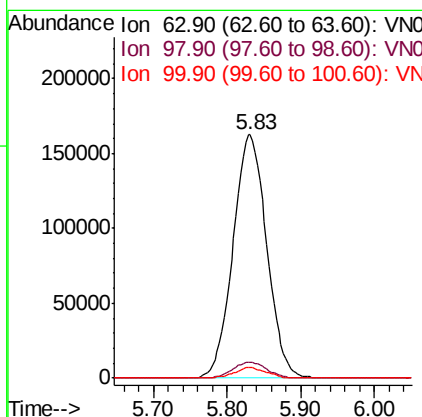
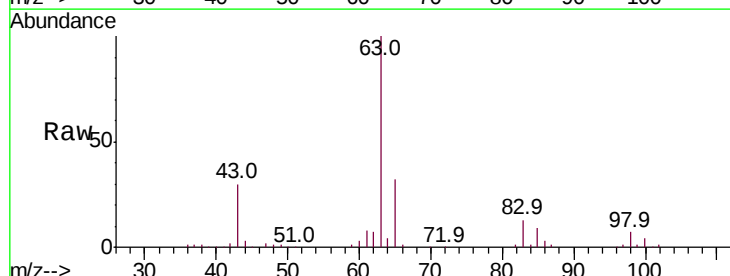
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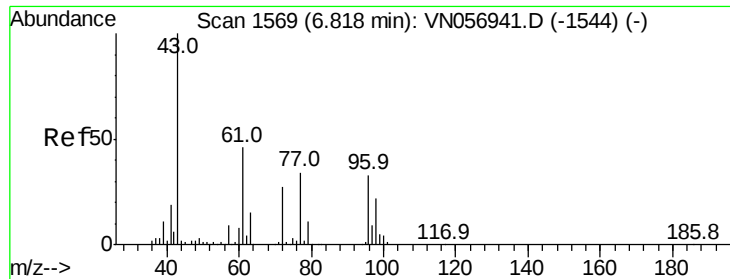
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#24
 1,1-Dichloroethane
 Concen: 51.484 ug/l
 RT: 5.83 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Tgt Ion: 63 Resp: 516884
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 4.4 2.1 6.3





#25

2-Butanone

Concen: 252.974 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 768379

Ion Ratio Lower Upper

43 100

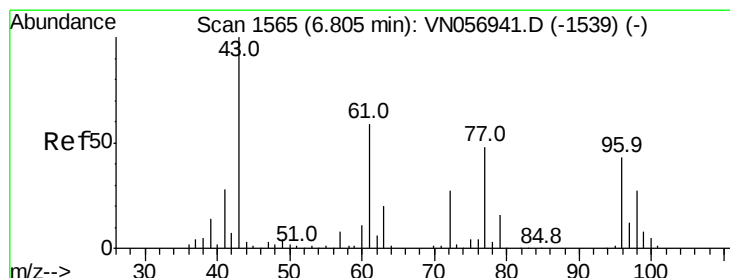
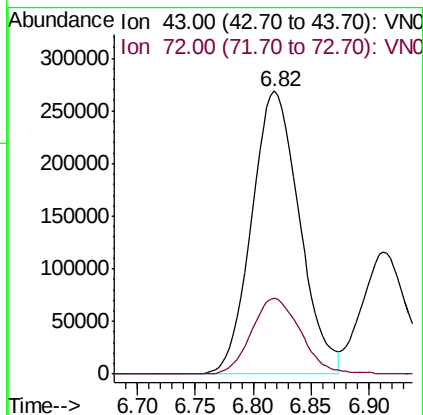
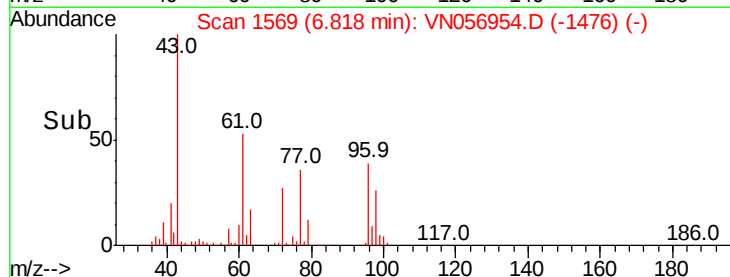
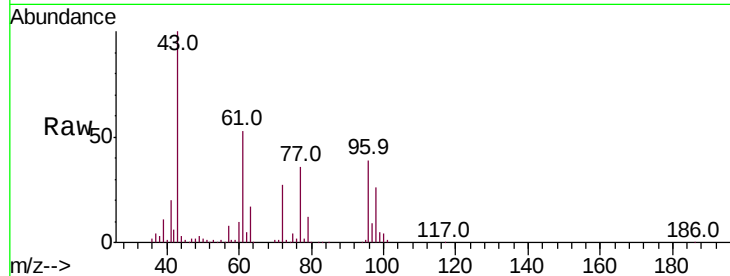
72 26.8 21.5 32.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.881 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN056954.D

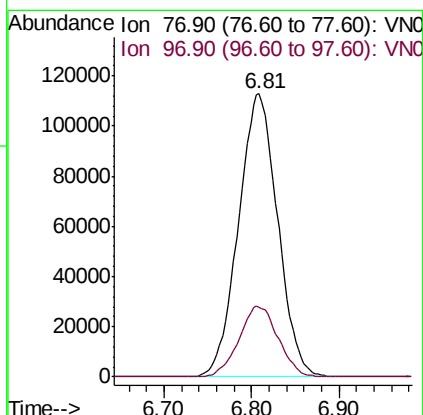
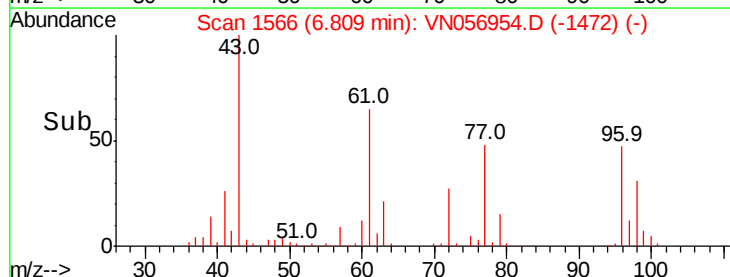
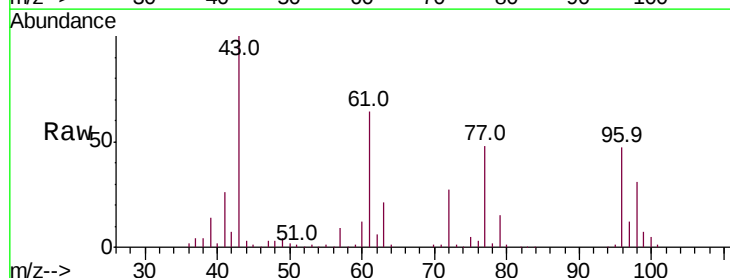
Acq: 26 Jul 2019 20:32

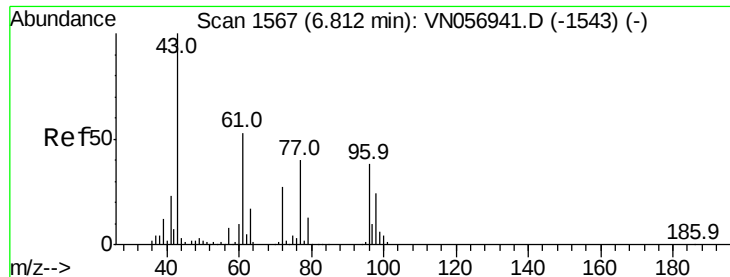
Tgt Ion: 77 Resp: 350253

Ion Ratio Lower Upper

77 100

97 25.0 12.2 36.6





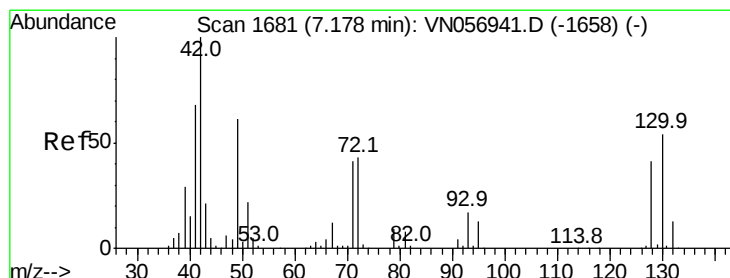
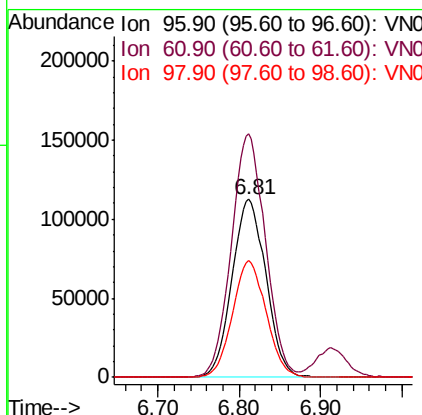
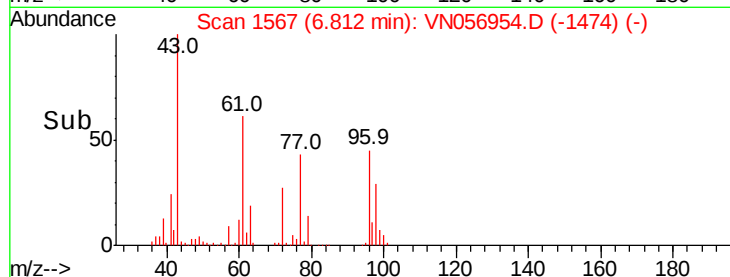
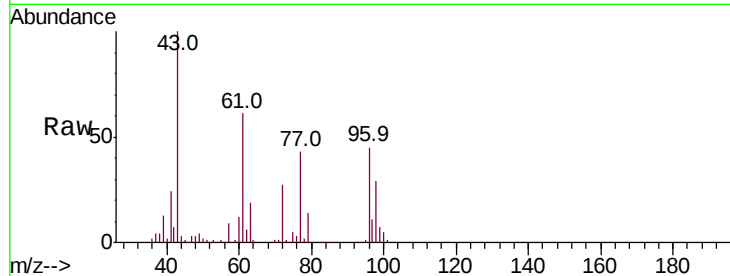
#27
 cis-1,2-Dichloroethene
 Concen: 51.192 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	137.2	0.0	277.2	
98	64.9	0.0	128.4	

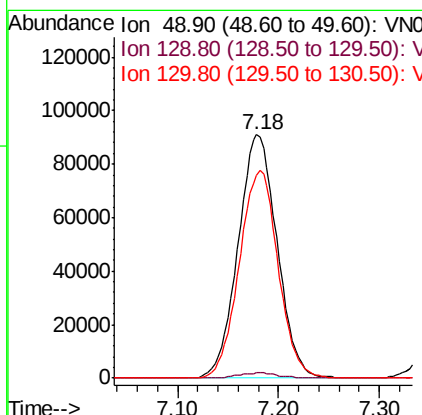
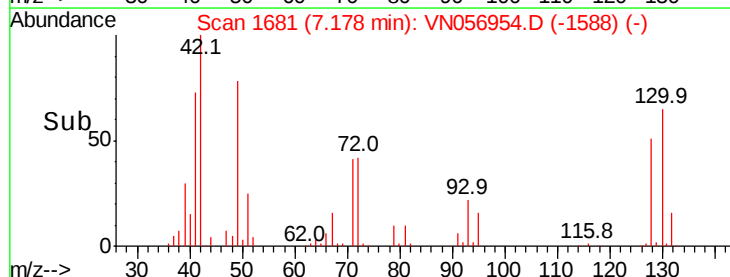
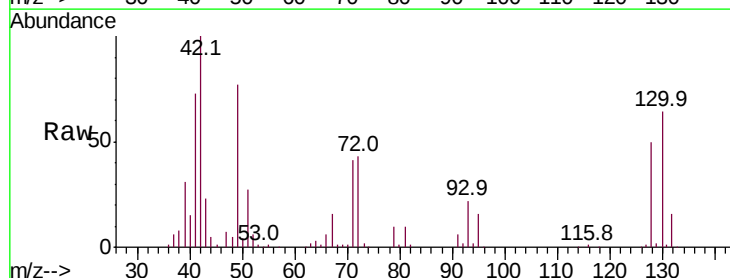
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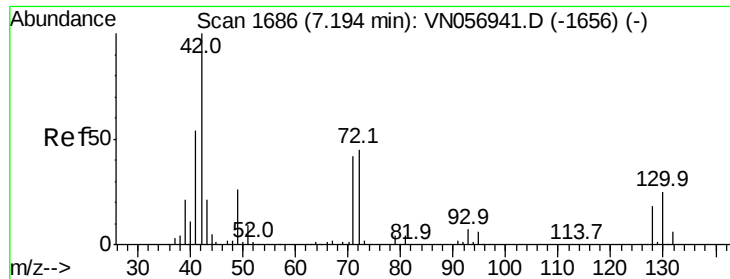
apatel
 8/5/2019 11:50:32 AM



#28
 Bromochloromethane
 Concen: 51.709 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.6	
130	84.9	69.0	103.4	





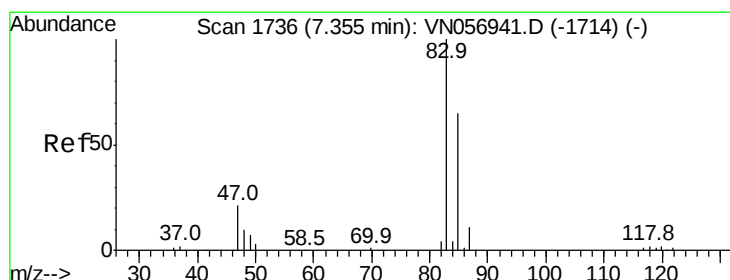
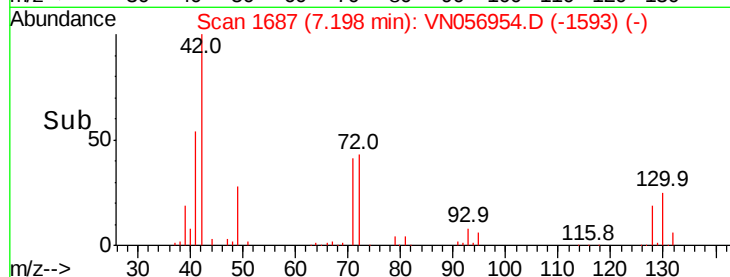
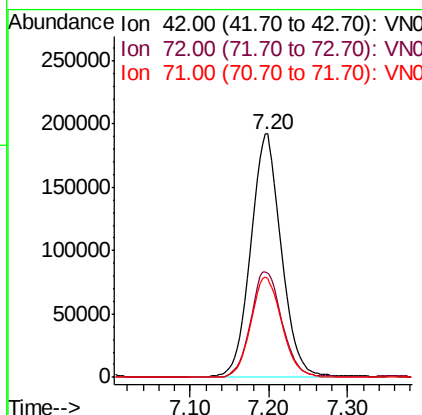
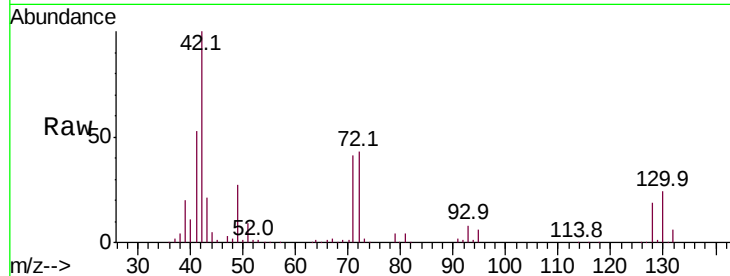
#29
Tetrahydrofuran
Concen: 267.385 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.6	53.4
71	41.7	33.5	50.3

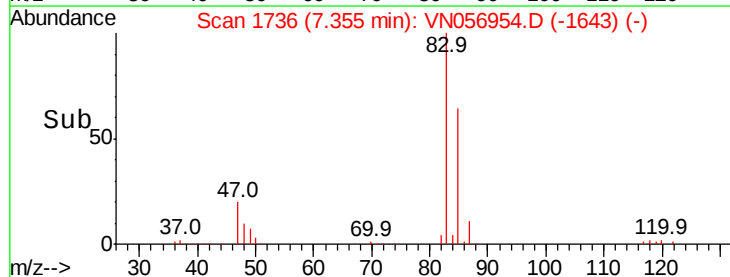
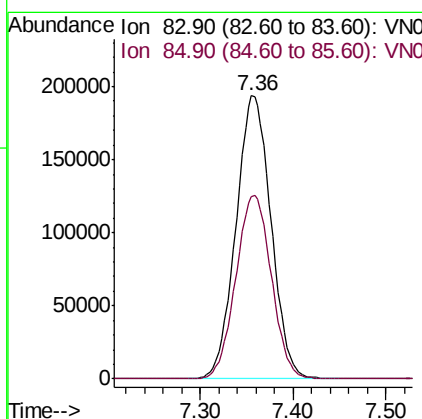
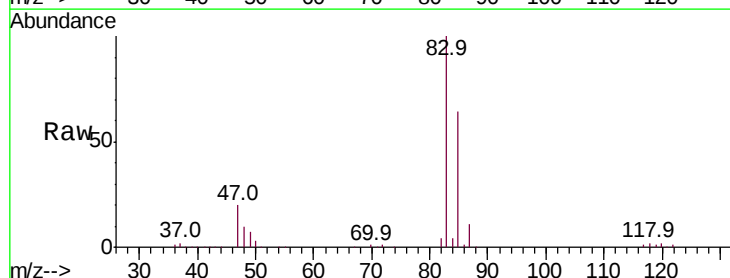
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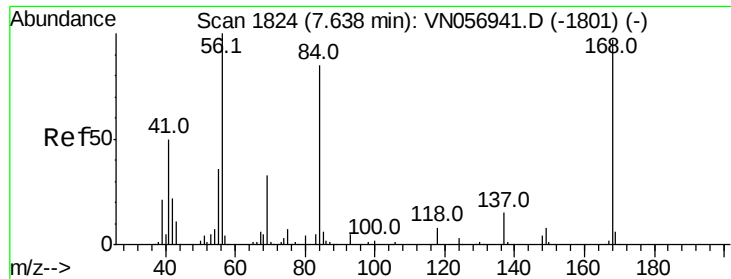
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#30
Chloroform
Concen: 49.462 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.2	78.2





#31

Cyclohexane

Concen: 48.312 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 469365

Ion Ratio Lower Upper

56 100

69 33.1 26.2 39.2

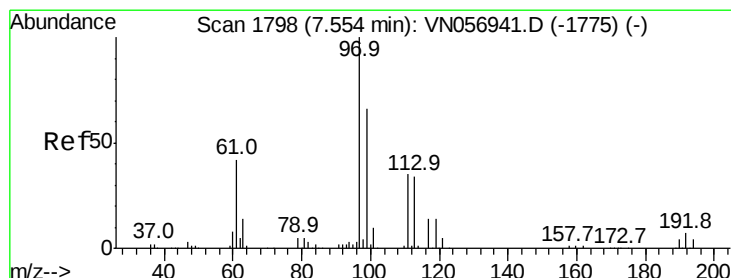
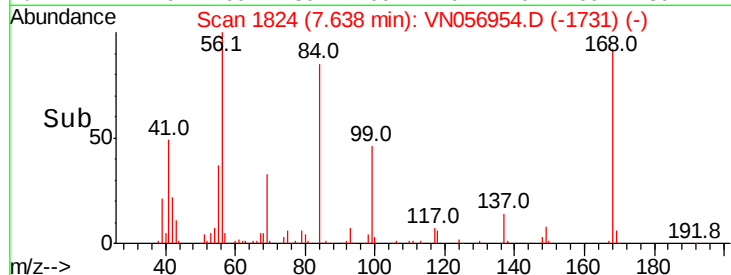
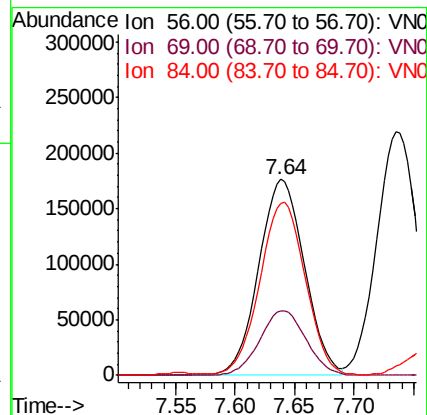
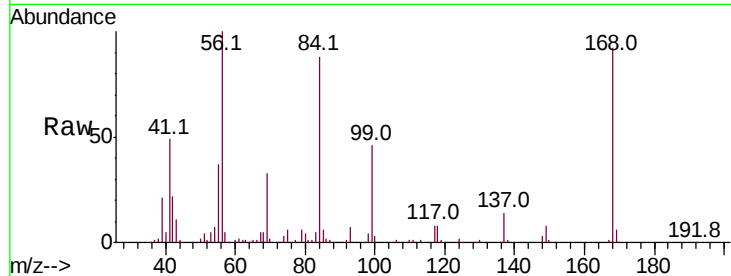
84 86.7 68.2 102.2

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#32

1,1,1-Trichloroethane

Concen: 51.973 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

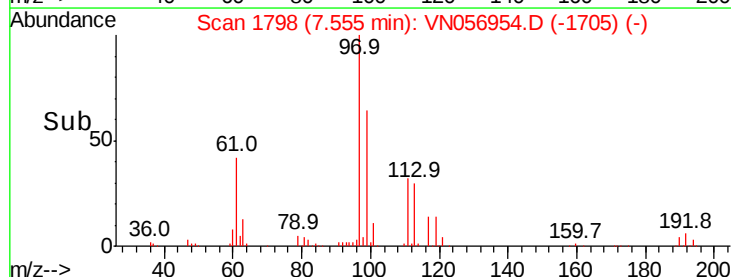
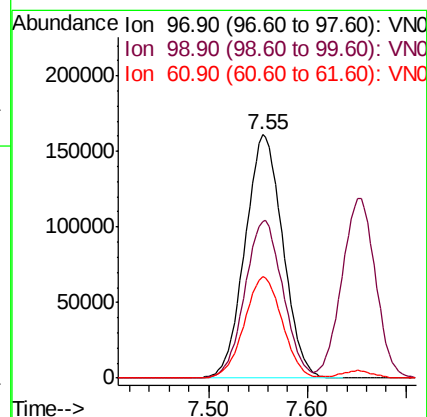
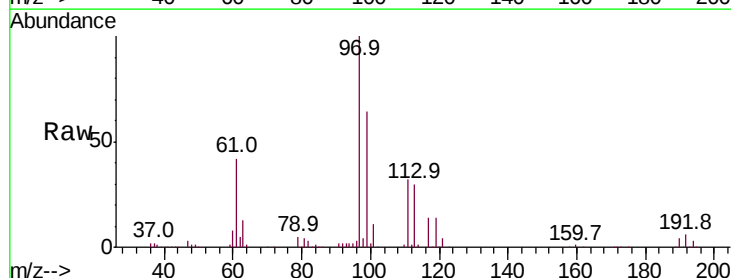
Tgt Ion: 97 Resp: 425678

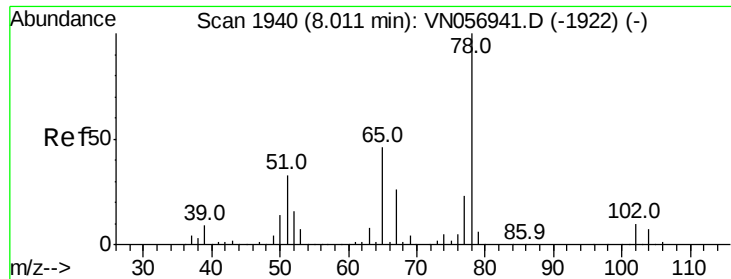
Ion Ratio Lower Upper

97 100

99 65.2 52.3 78.5

61 41.8 33.9 50.9





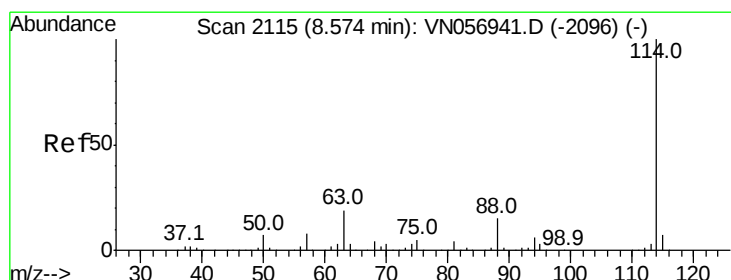
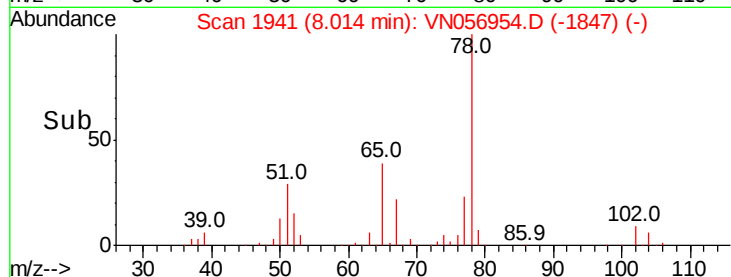
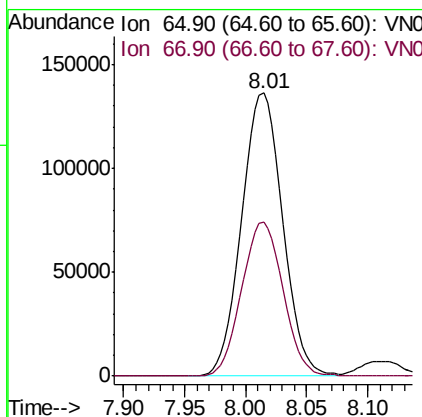
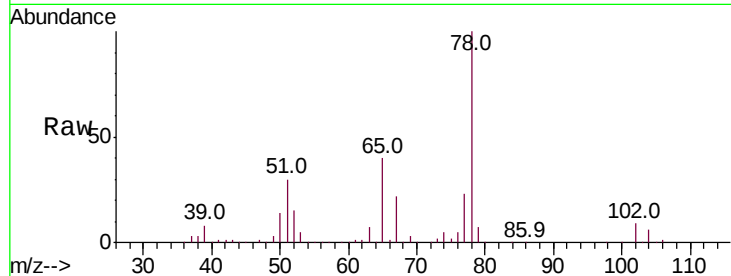
#33
 1,2-Dichloroethane-d4
 Concen: 53.712 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	112.0

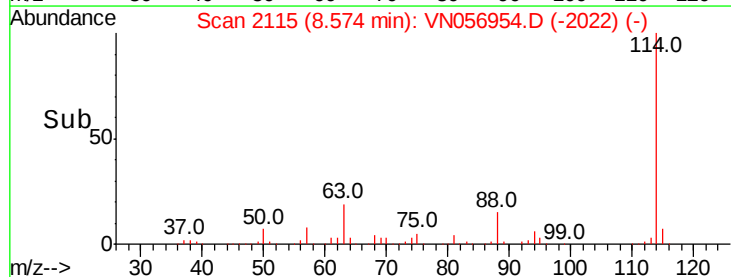
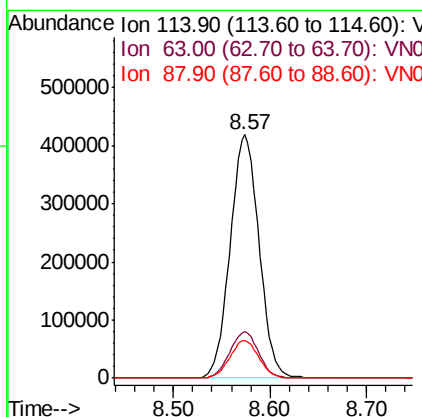
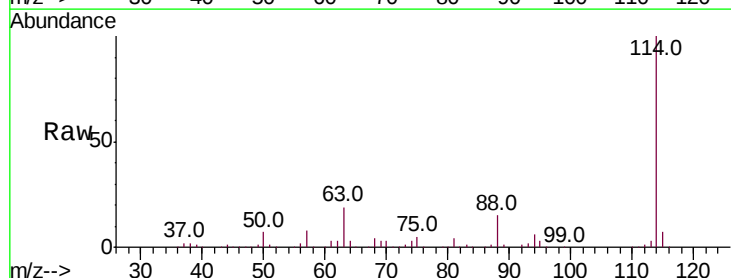
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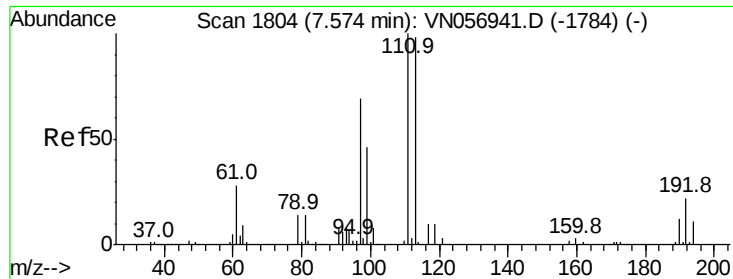
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.0
88	15.4	0.0	30.0





#35

Dibromofluoromethane

Concen: 52.151 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

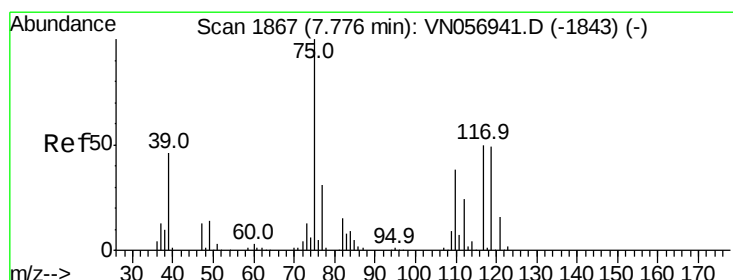
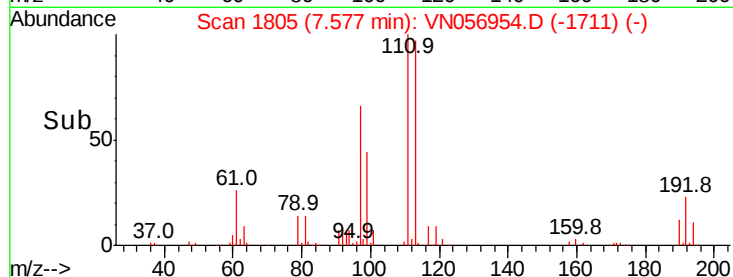
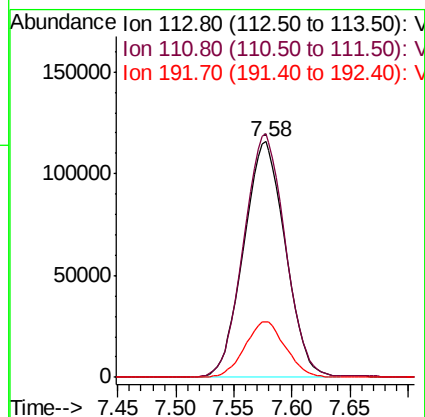
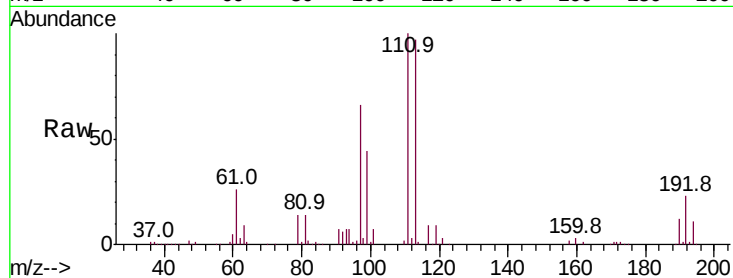
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	290205
Ion Ratio	Lower	Upper	
113	100		
111	103.6	82.0	123.0
192	23.0	18.4	27.6

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#36

1,1-Dichloropropene

Concen: 49.873 ug/l

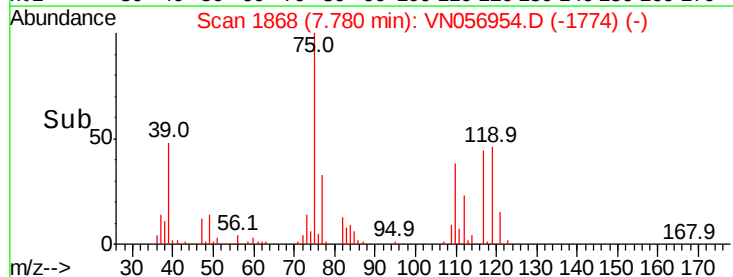
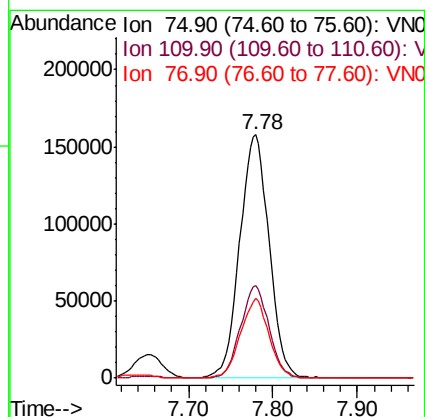
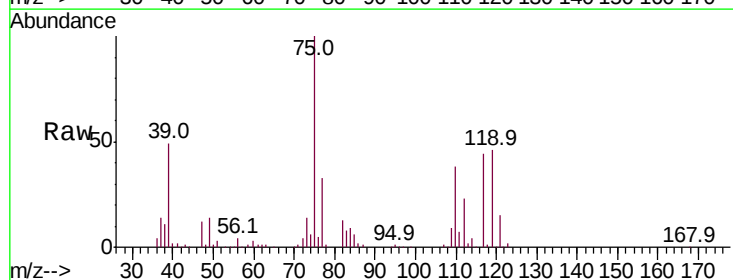
RT: 7.78 min Scan# 1868

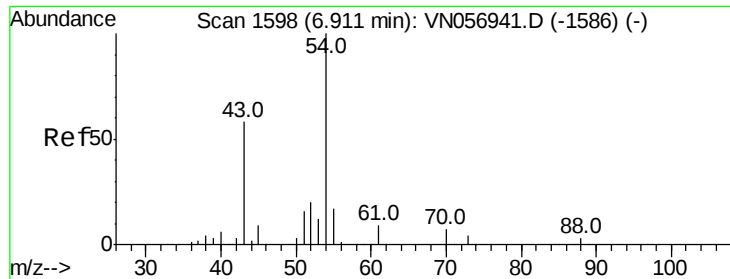
Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Tgt Ion:	75	Resp:	381475
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.6	55.8
77	31.8	25.2	37.8





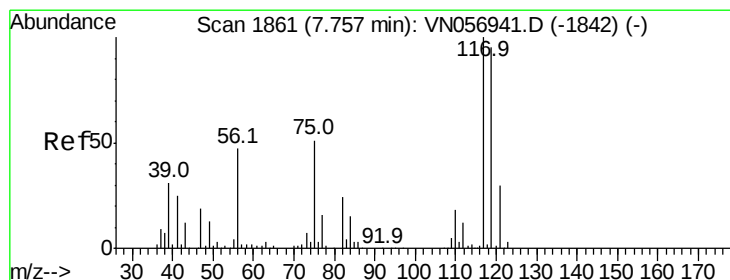
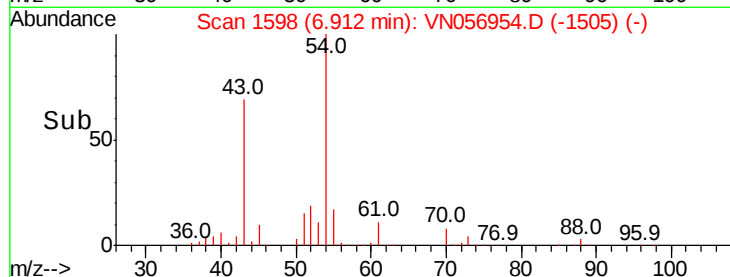
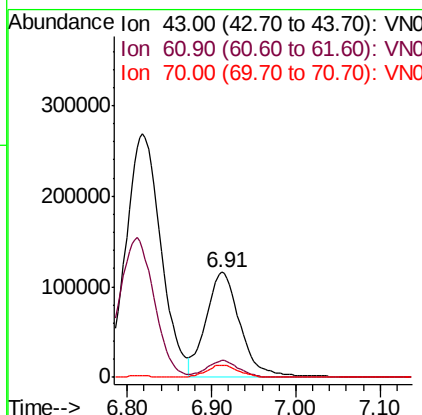
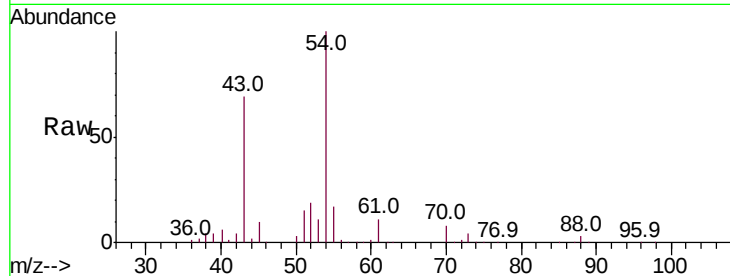
#37
Ethyl Acetate
Concen: 52.766 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.8	17.6
70	11.0	8.5	12.7

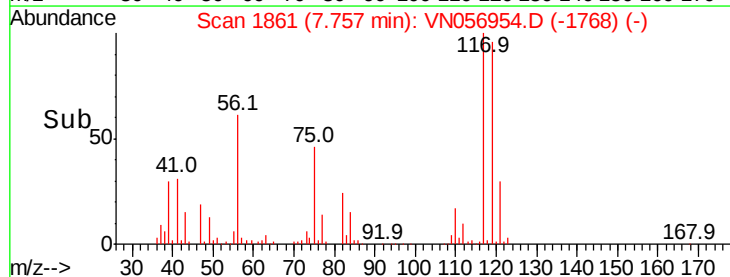
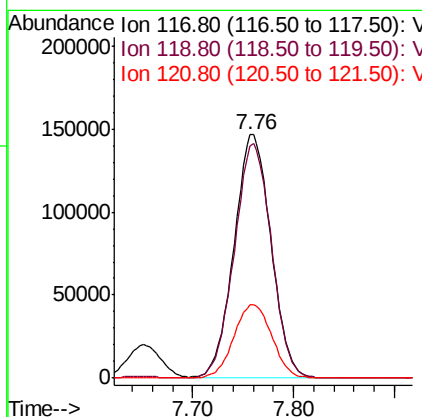
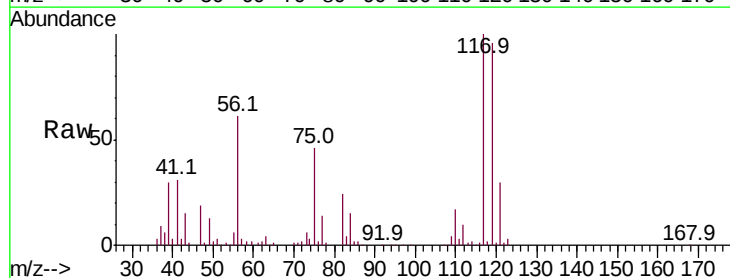
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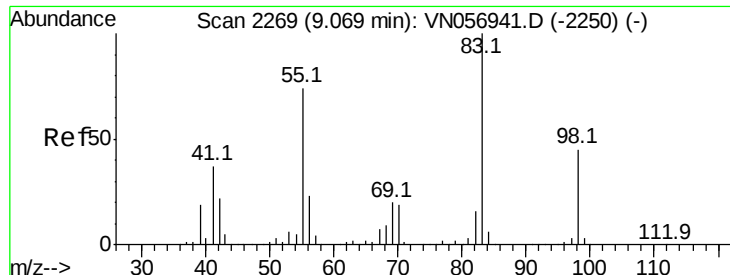
apatel
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#38
Carbon Tetrachloride
Concen: 51.567 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.3	112.9
121	29.9	24.2	36.4





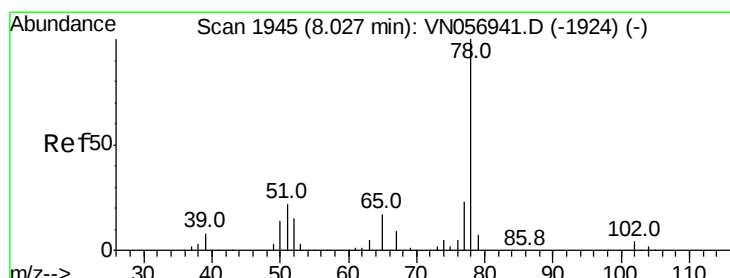
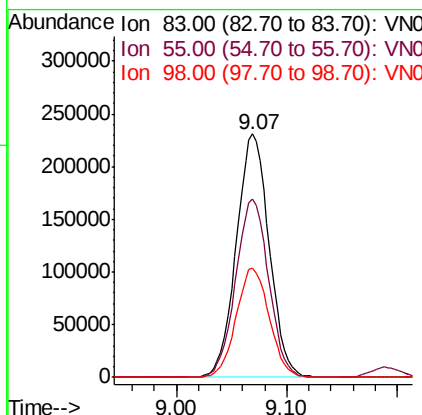
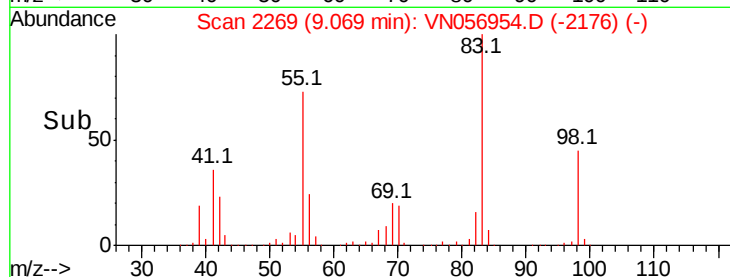
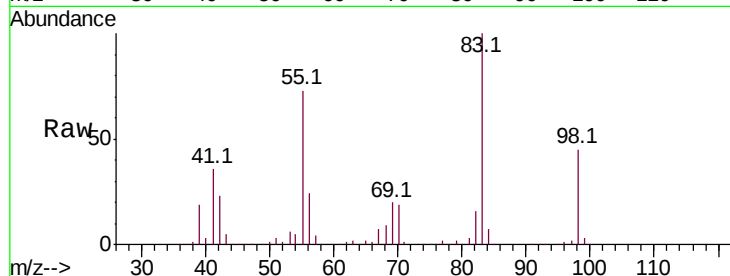
#39
Methvlcvclohexane
Concen: 48.640 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	475503
Ion Ratio	100	Lower	Upper
83	100		
55	73.2	59.0	88.6
98	44.9	36.2	54.4

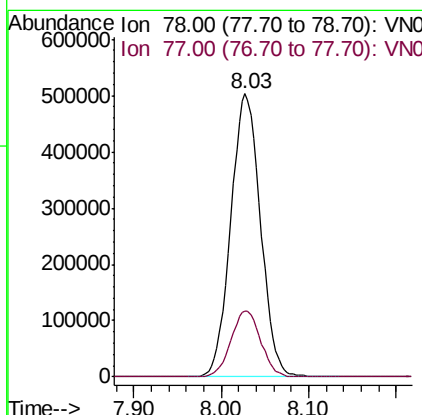
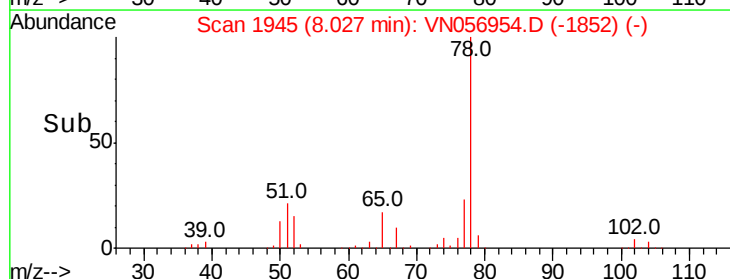
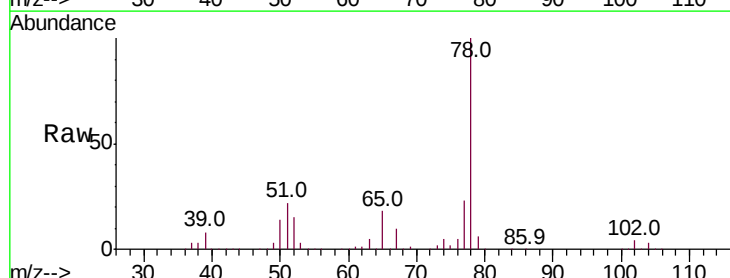
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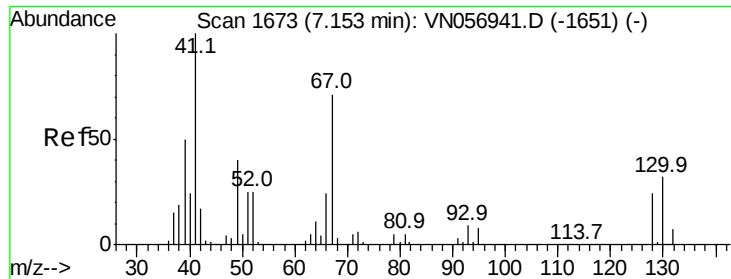
apatel
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#40
Benzene
Concen: 50.368 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion	78	Resp	1186606
Ion Ratio	100	Lower	Upper
78	100		
77	23.4	18.3	27.5





#41

Methacrylonitrile

Concen: 55.647 ug/l

RT: 7.16 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 157593

Ion Ratio Lower Upper

41 100

39 58.8 48.9 73.3

67 89.4 83.4 125.0

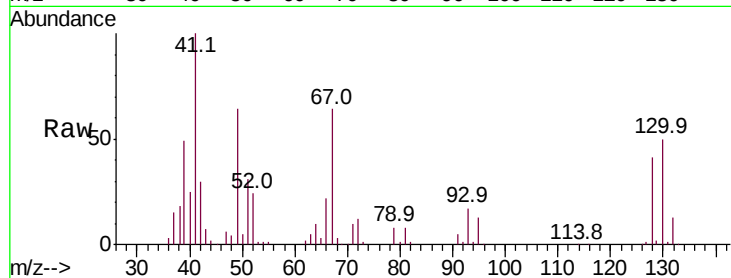
52 34.9 30.9 46.3

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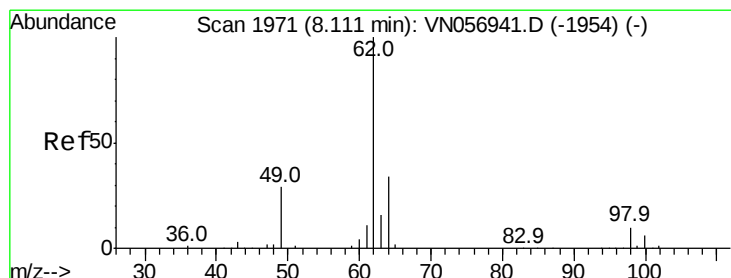
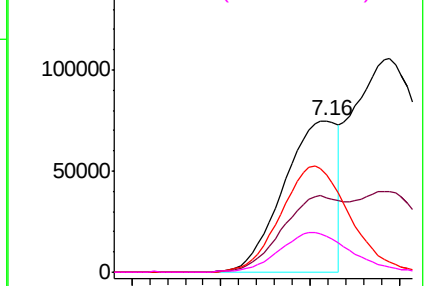
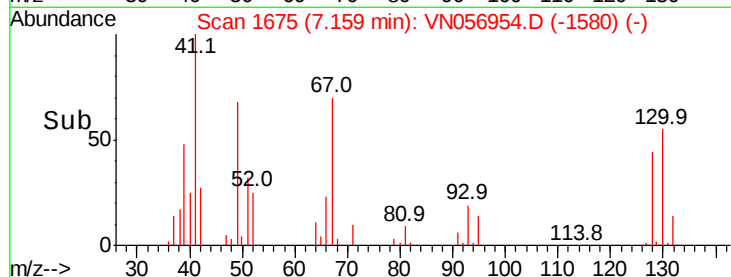


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 49.751 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VN056954.D

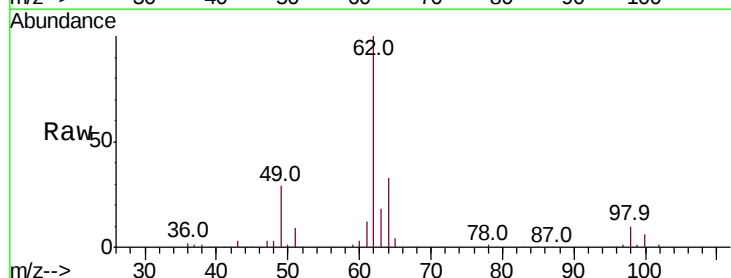
Acq: 26 Jul 2019 20:32

Tgt Ion: 62 Resp: 367341

Ion Ratio Lower Upper

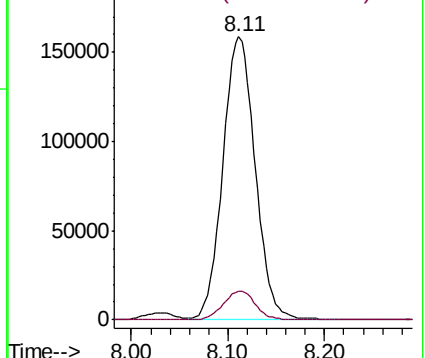
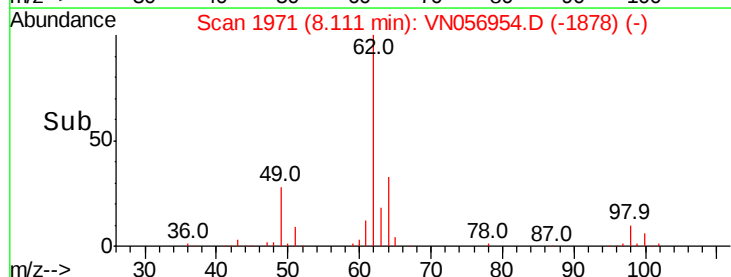
62 100

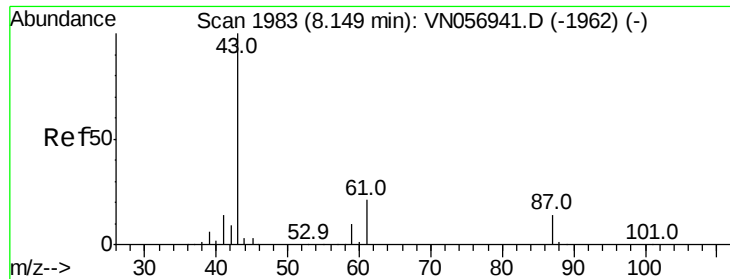
98 10.1 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





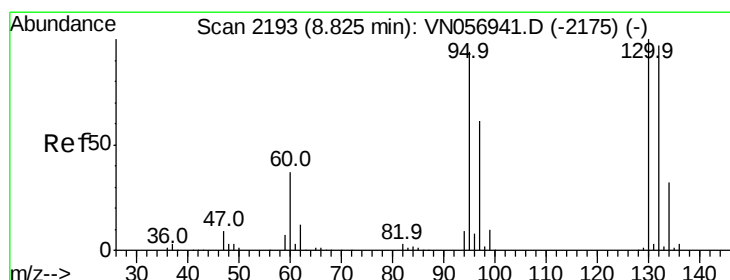
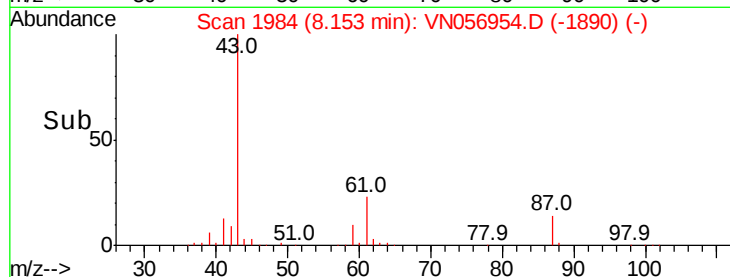
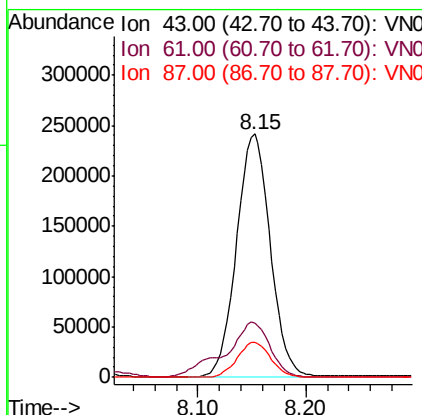
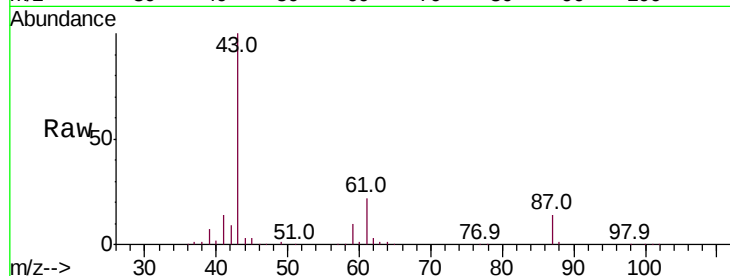
#43
Isopropyl Acetate
Concen: 51.986 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.0	34.6
87	14.2	11.7	17.5

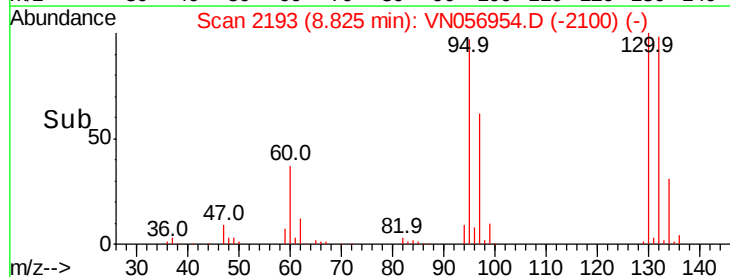
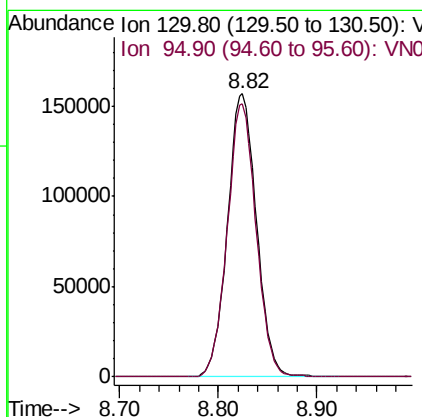
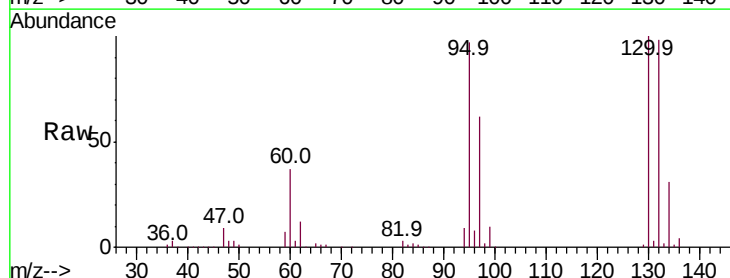
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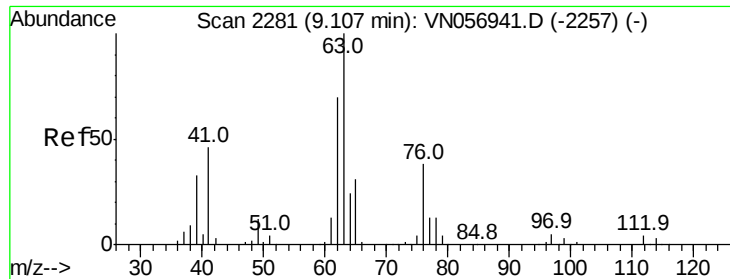
apatel
8/5/2019 11:50:32 AM



#44
Trichloroethene
Concen: 49.754 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	189.0





#45

1,2-Dichloropropane

Concen: 50.394 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 63 Resp: 317552

Ion Ratio Lower Upper

63 100

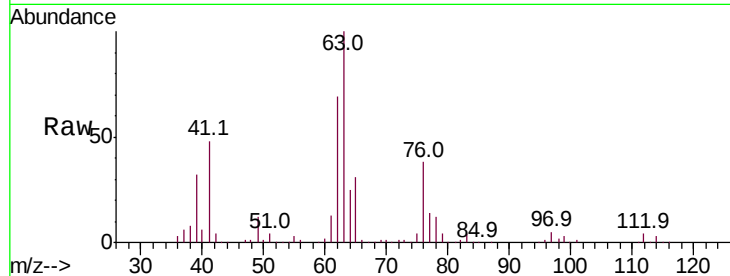
65 31.1 24.8 37.2

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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

9.11

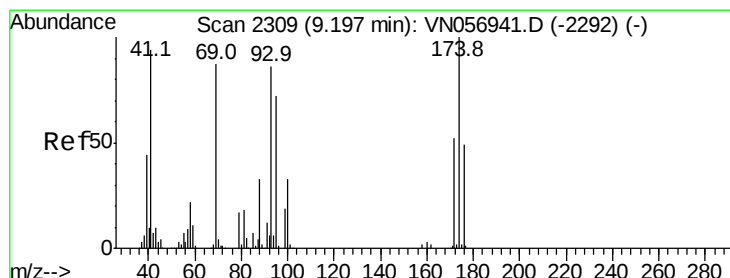
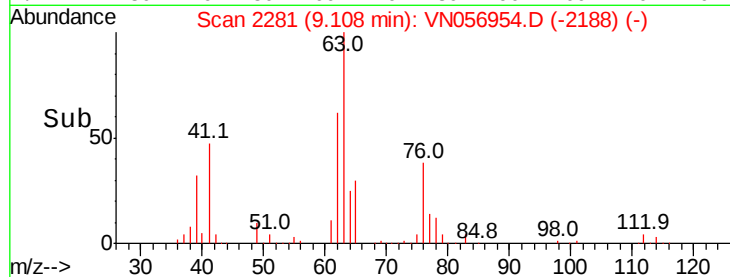
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 52.485 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

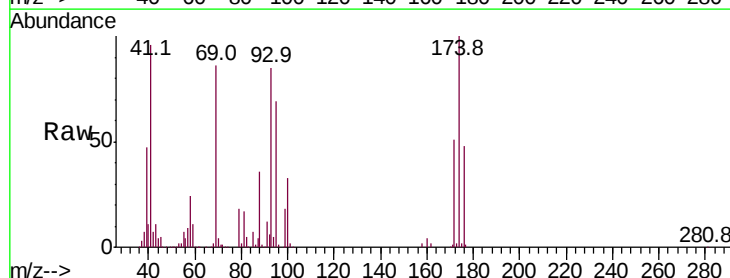
Tgt Ion: 93 Resp: 199455

Ion Ratio Lower Upper

93 100

95 82.1 67.0 100.6

174 115.7 92.7 139.1



Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

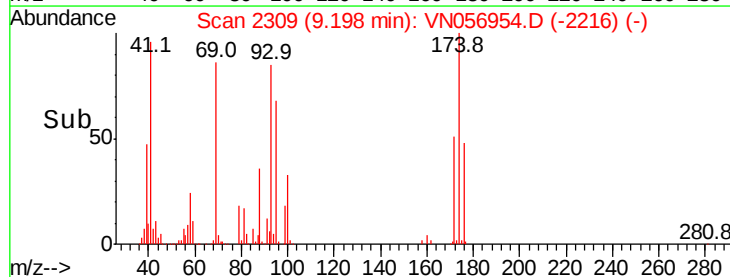
150000

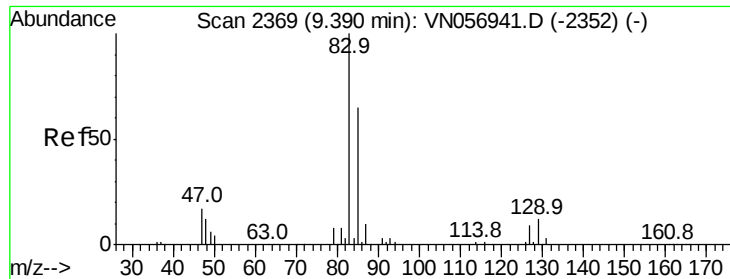
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 52.133 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

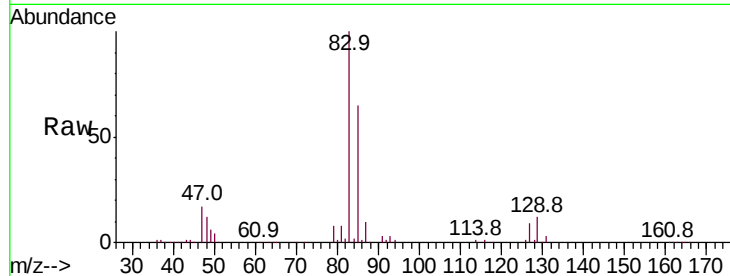
ClientSampleId :

VSTDCCC050EC

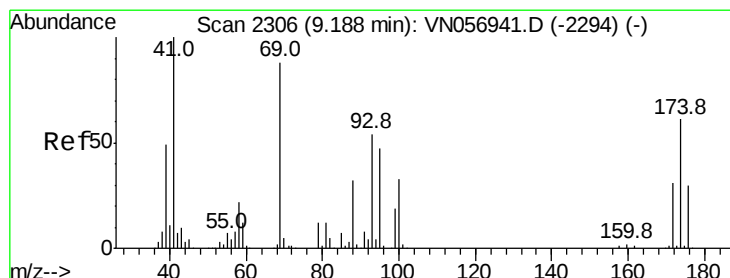
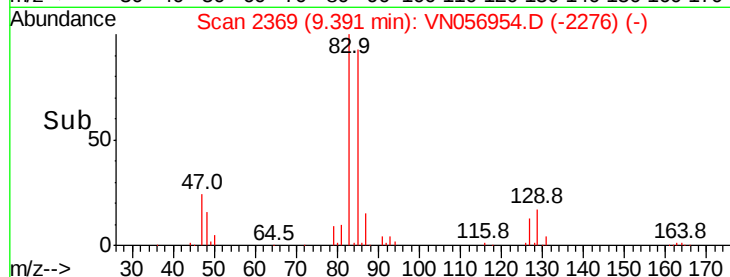
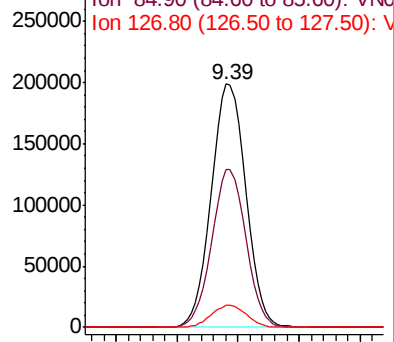
Tot Ion:	83	Resp:	389521
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.6	77.4
127	8.9	7.3	10.9

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Abundance Ion 82.90 (82.60 to 83.60): VN056954.D (-2276) (-)



#48

Methyl methacrylate

Concen: 52.662 ug/l

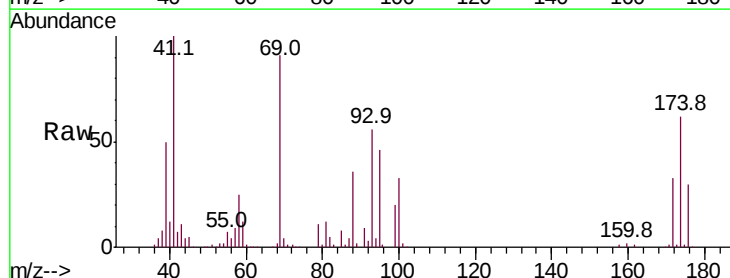
RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

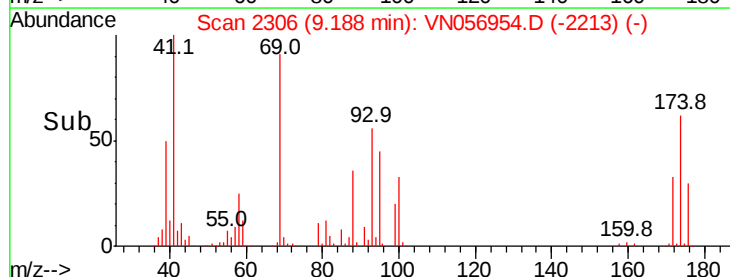
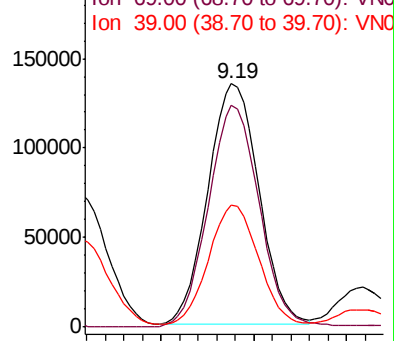
Lab File: VN056954.D

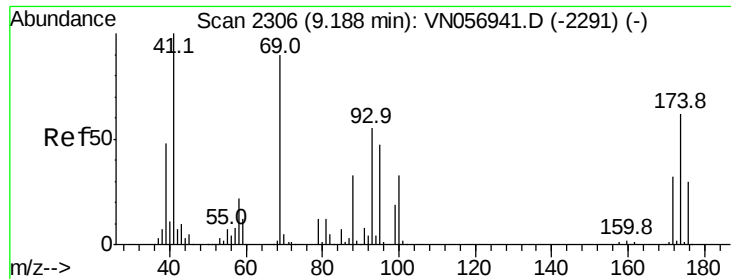
Acq: 26 Jul 2019 20:32

Tgt Ion:	41	Resp:	257435
Ion Ratio	Lower	Upper	
41	100		
69	92.7	73.4	110.0
39	50.5	39.9	59.9



Abundance Ion 41.00 (40.70 to 41.70): VN056954.D (-2213) (-)





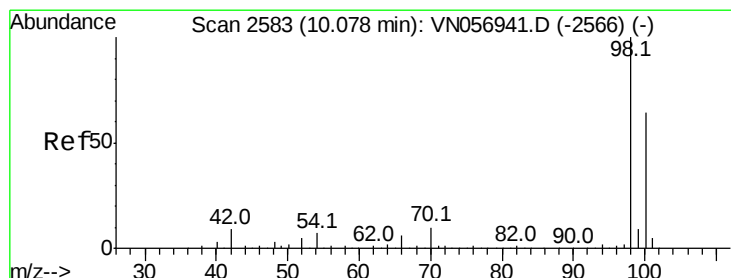
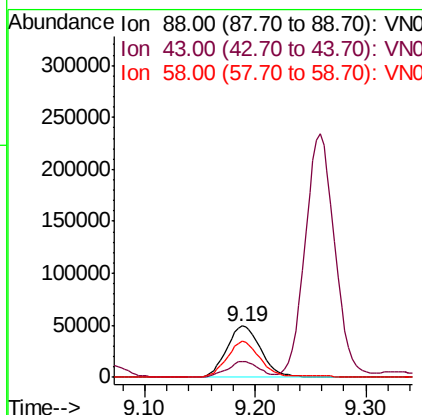
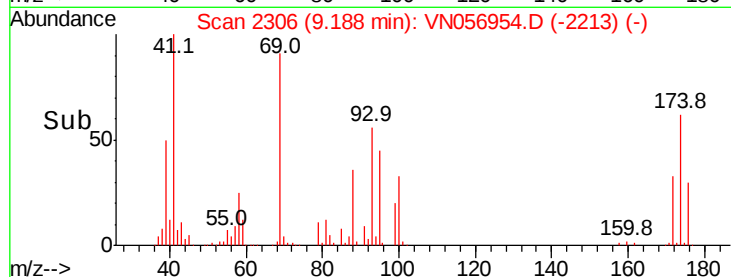
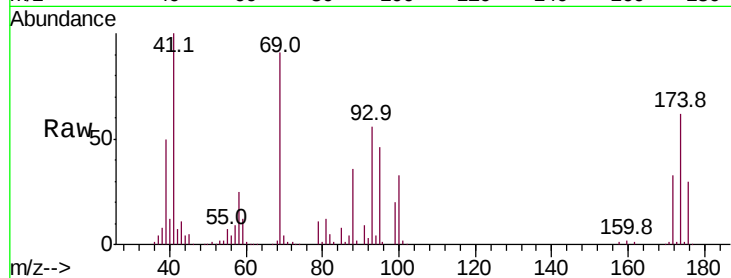
#49
 1,4-Dioxane
 Concen: 1059.325 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	106718
Ion	Ratio	Lower	Upper
88	100		
43	28.2	22.2	33.2
58	67.4	54.1	81.1

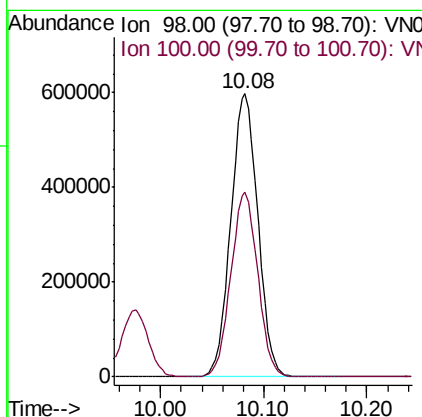
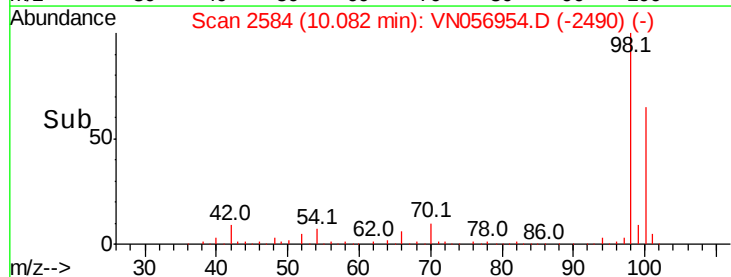
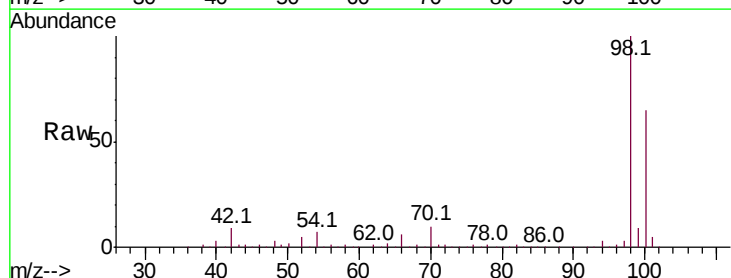
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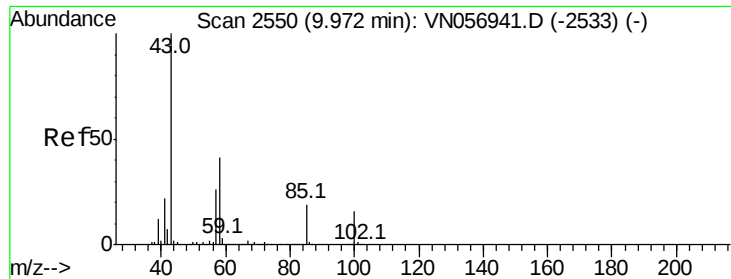
apatel
 8/5/2019 11:50:32 AM



#50
 Toluene-d8
 Concen: 51.605 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Tgt Ion	98	Resp	1095098
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 263.842 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1587302

Ion Ratio Lower Upper

43 100

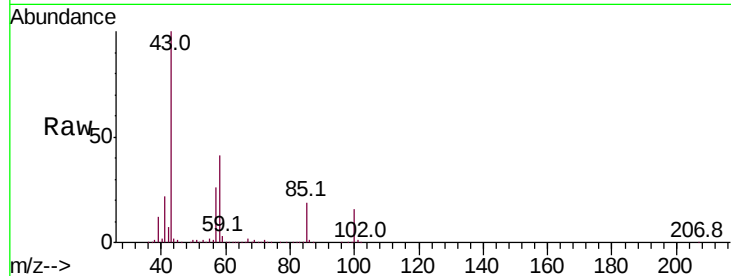
58 41.3 33.1 49.7

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Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-2533) (-)

9.98

800000

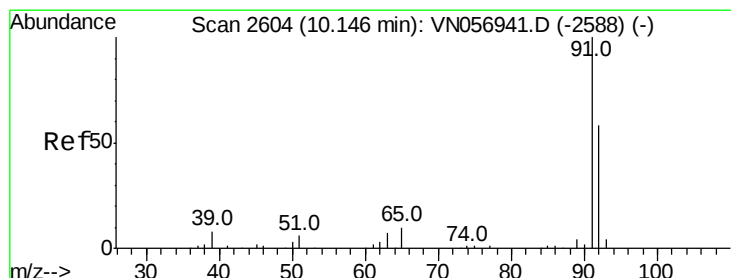
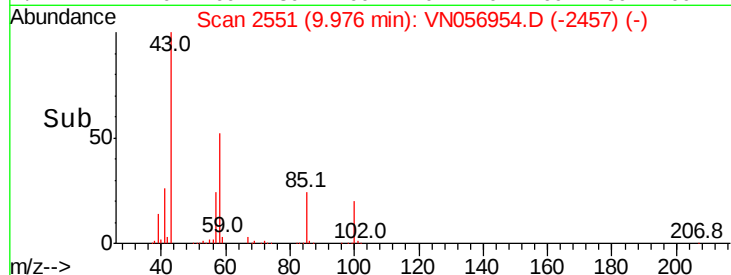
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.320 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN056954.D

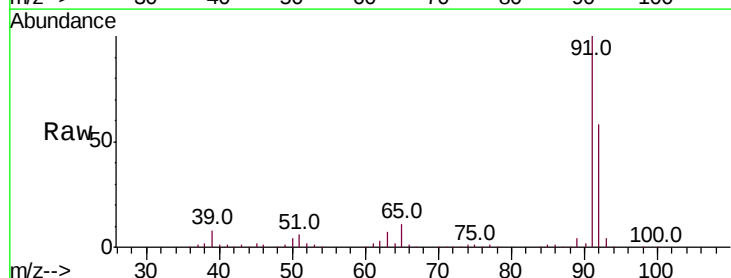
Acq: 26 Jul 2019 20:32

Tgt Ion: 92 Resp: 726406

Ion Ratio Lower Upper

92 100

91 174.4 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN056941.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN056941.D (-2588) (-)

10.15

800000

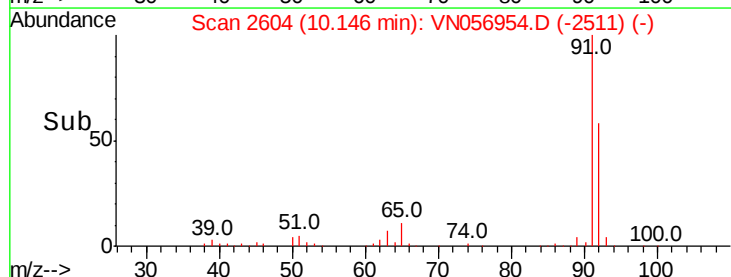
600000

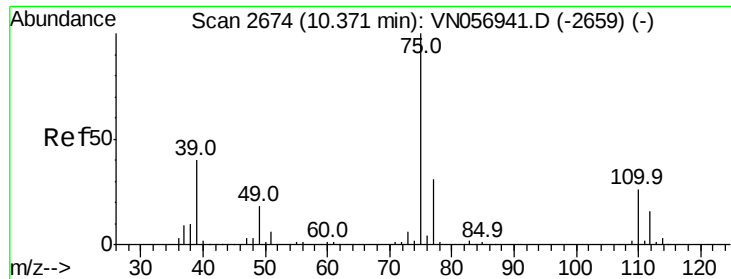
400000

200000

0

Time-->





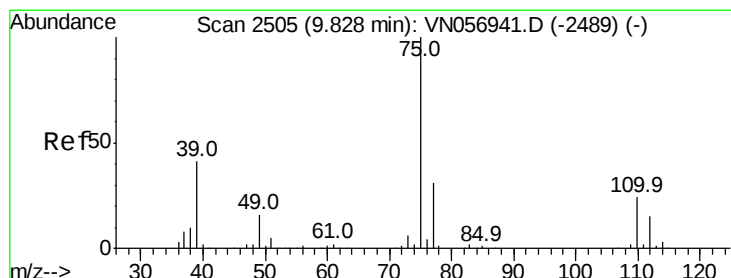
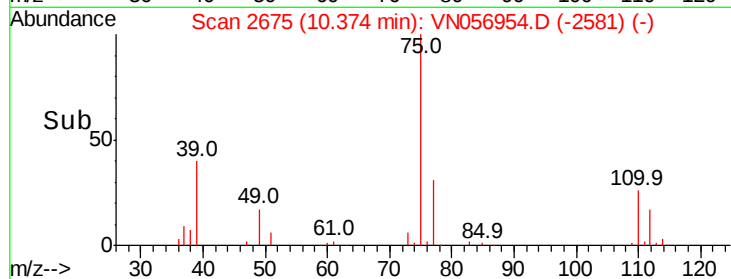
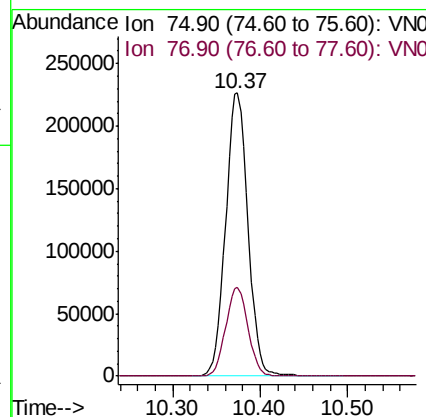
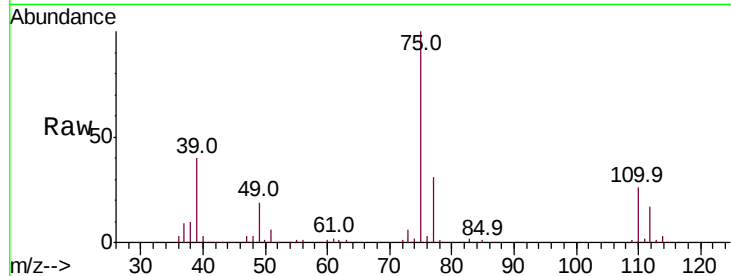
#53
 t-1,3-Dichloropropene
 Concen: 51.776 ug/l
 RT: 10.37 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 401444
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.1 37.7

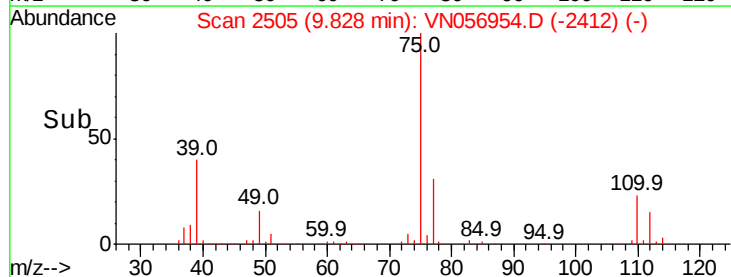
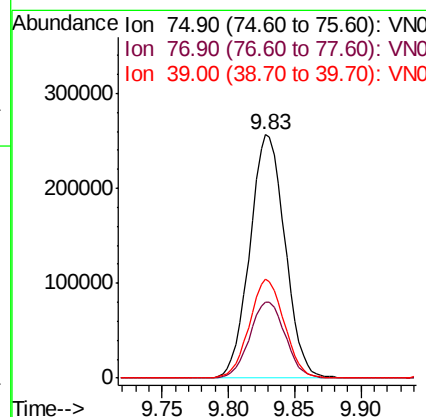
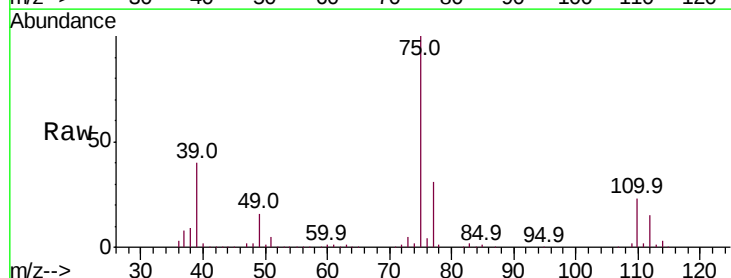
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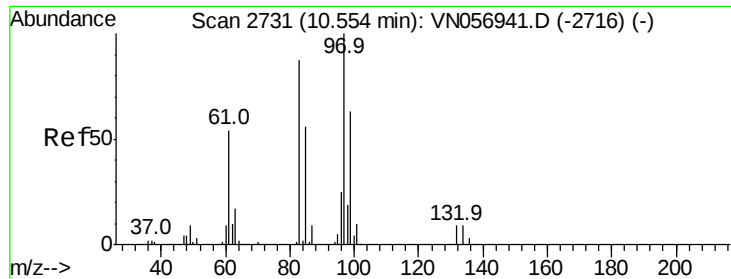
apatel
 8/5/2019 11:50:32 AM



#54
 cis-1,3-Dichloropropene
 Concen: 52.559 ug/l
 RT: 9.83 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Tgt Ion: 75 Resp: 473819
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6
 39 40.4 32.6 49.0





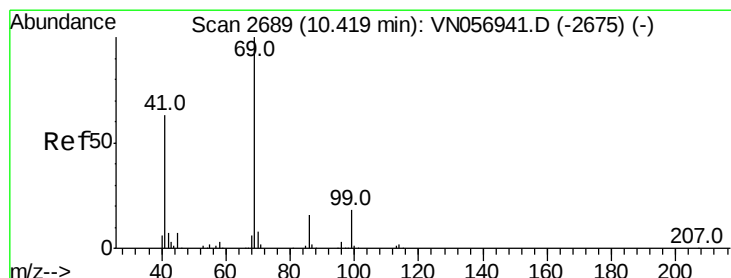
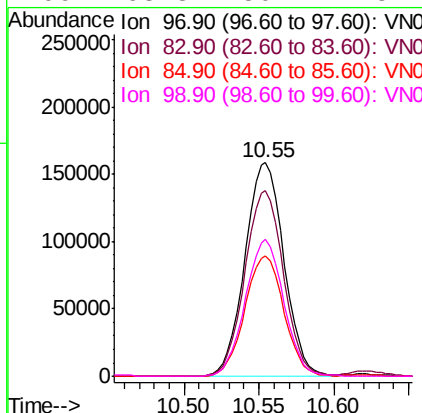
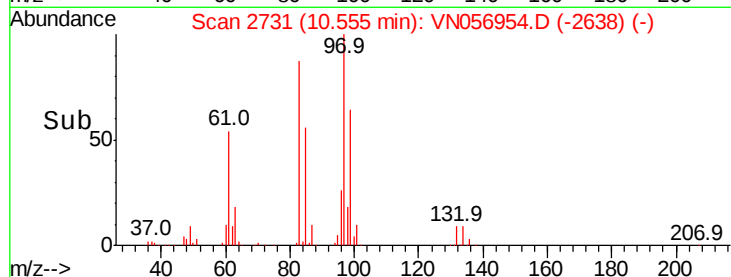
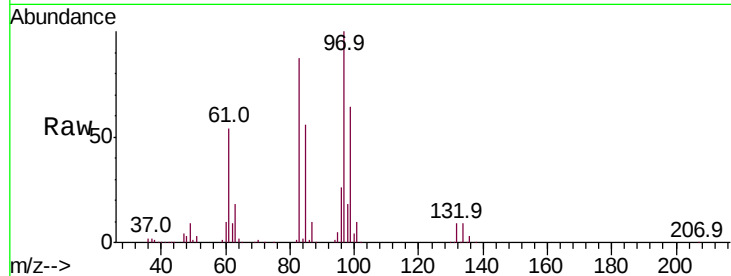
#55
 1,1,2-Trichloroethane
 Concen: 50.760 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	288134
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.4	104.0
85	56.2	44.7	67.1
99	63.8	50.1	75.1

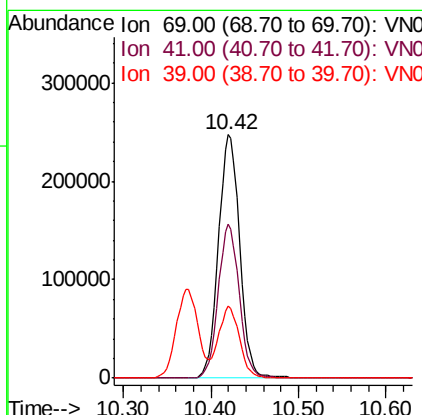
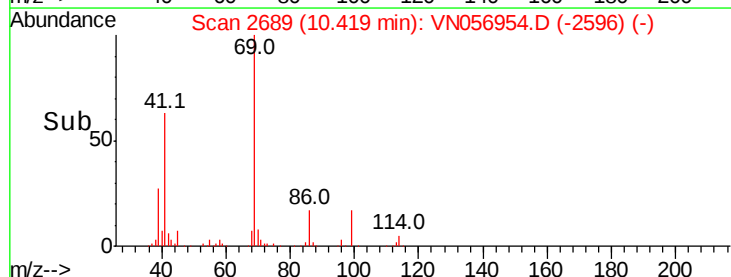
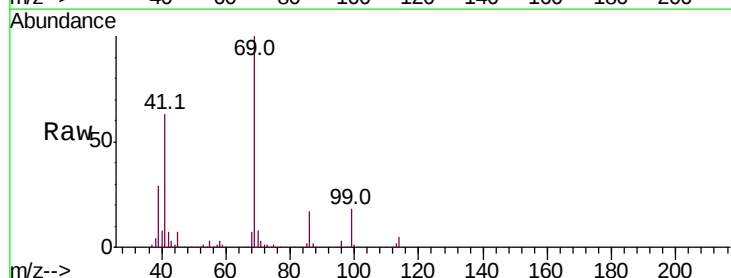
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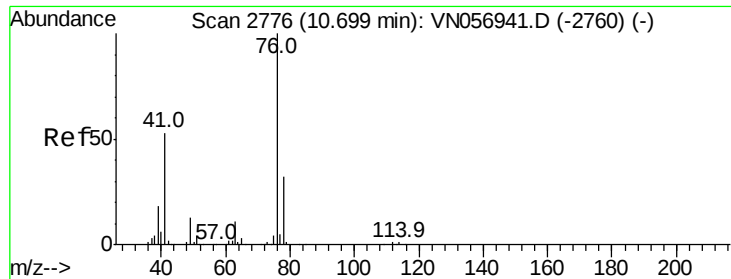
apatel
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#56
 Ethyl methacrylate
 Concen: 48.726 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Tgt Ion:	69	Resp:	417294
Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.2	73.8
39	28.6	23.1	34.7





#57

1,3-Dichloropropane

Concen: 51.262 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 482517

Ion Ratio Lower Upper

76 100

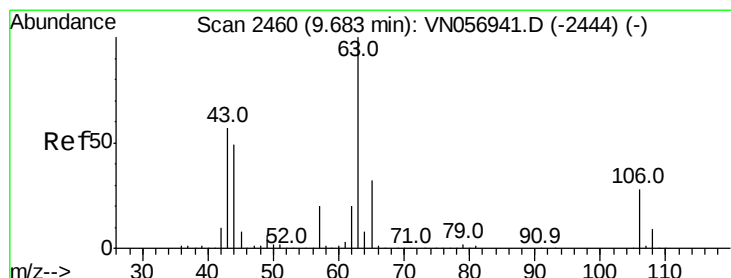
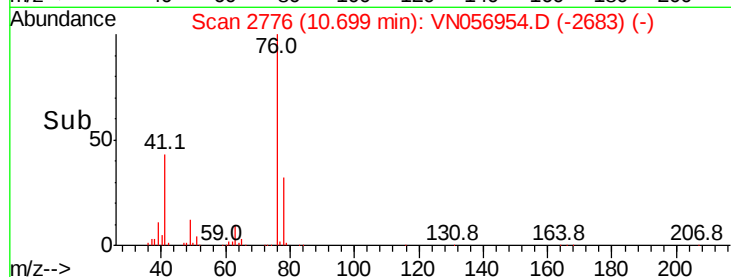
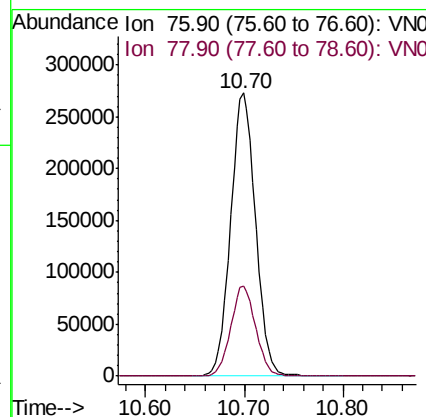
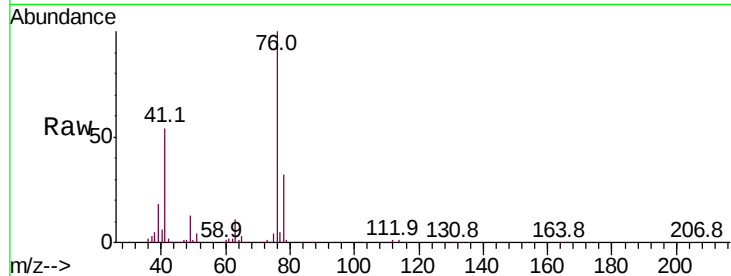
78 31.9 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 247.803 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN056954.D

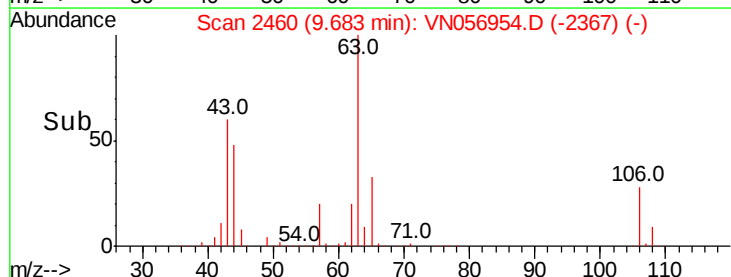
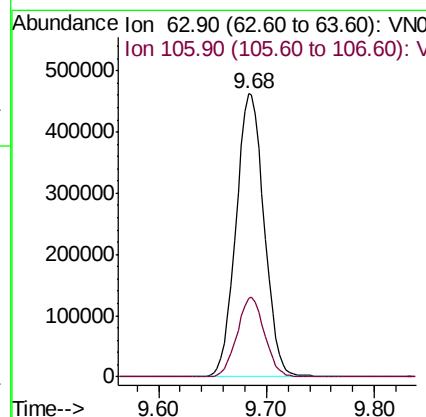
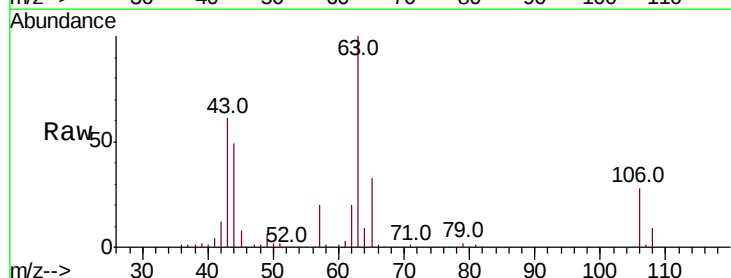
Acq: 26 Jul 2019 20:32

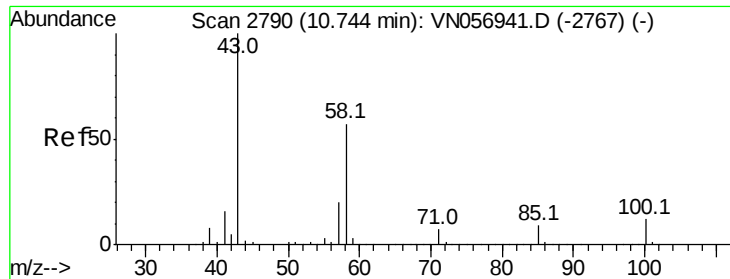
Tgt Ion: 63 Resp: 842918

Ion Ratio Lower Upper

63 100

106 27.5 22.0 33.0





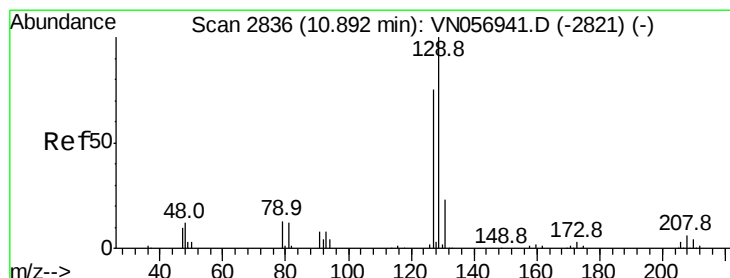
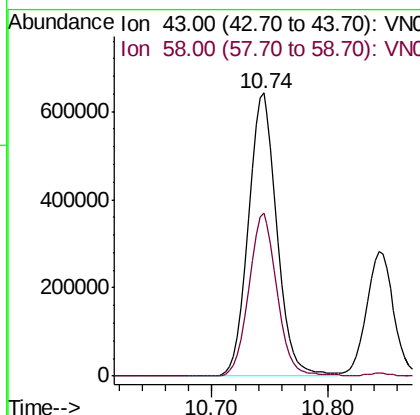
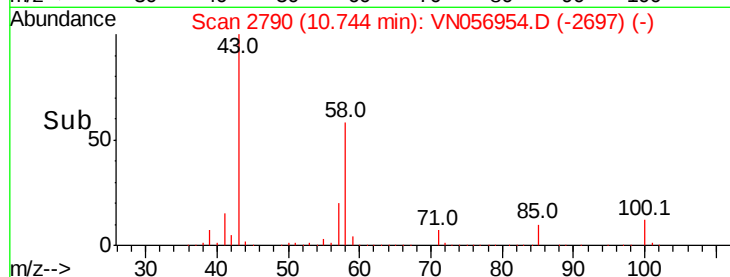
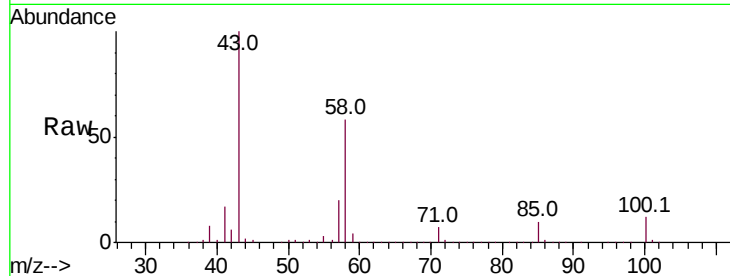
#59
2-Hexanone
Concen: 237.755 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1100943
Ion Ratio Lower Upper
43 100
58 57.0 28.5 85.5

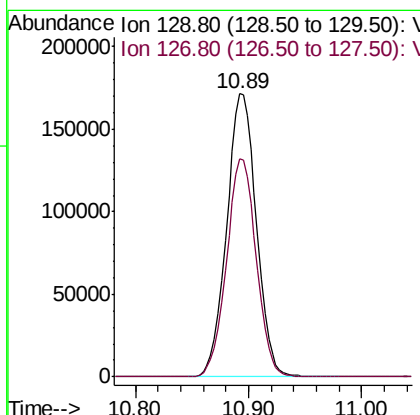
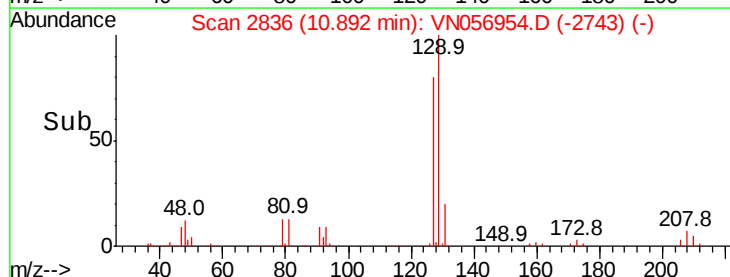
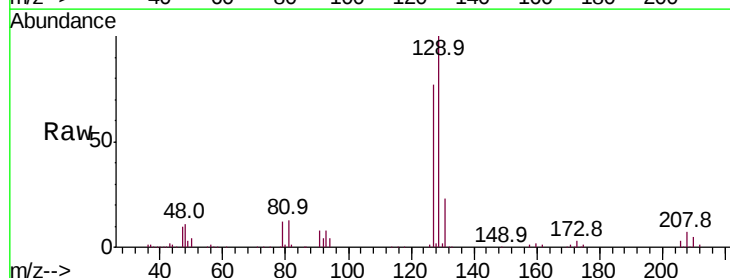
Manual Integrations
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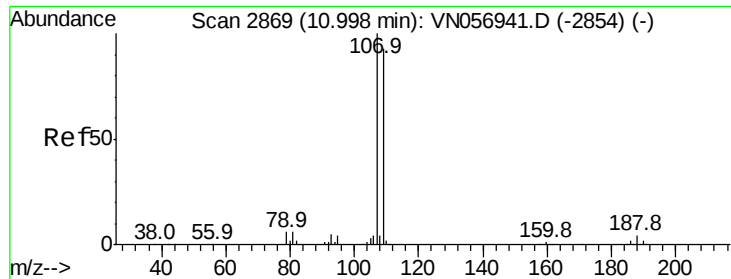
apatel
8/5/2019 11:50:32 AM



#60
Dibromochloromethane
Concen: 53.810 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion: 129 Resp: 312933
Ion Ratio Lower Upper
129 100
127 76.9 38.0 113.9





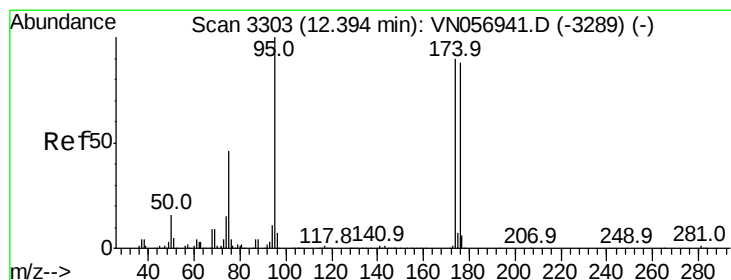
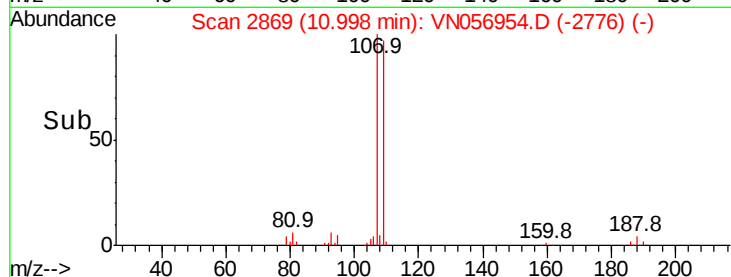
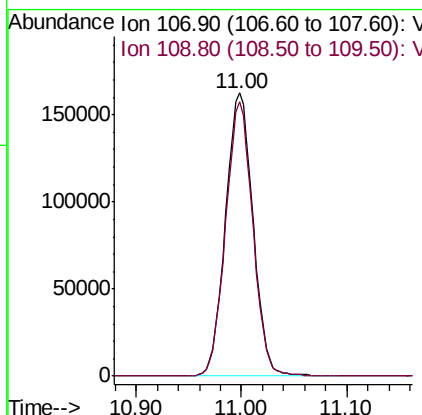
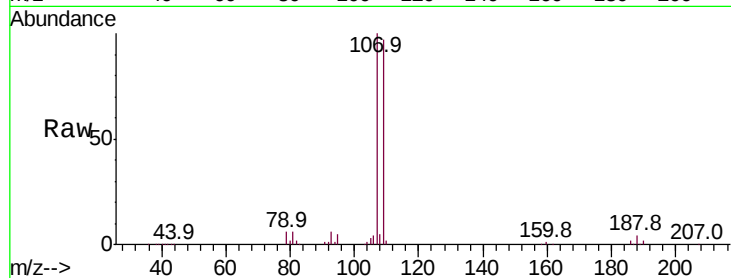
#61
 1,2-Dibromoethane
 Concen: 52.846 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 292741
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.0 114.0

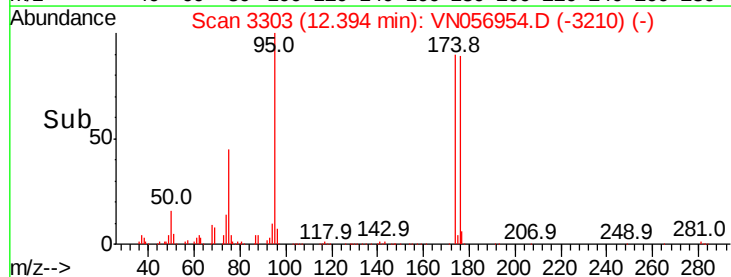
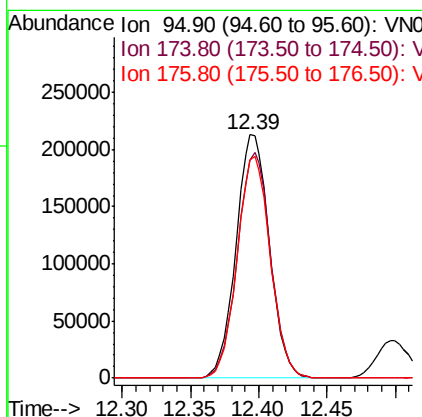
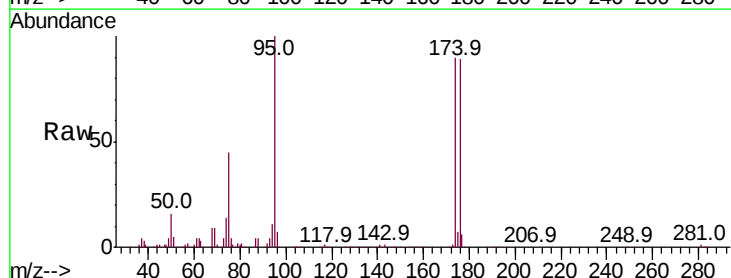
Manual Integrations
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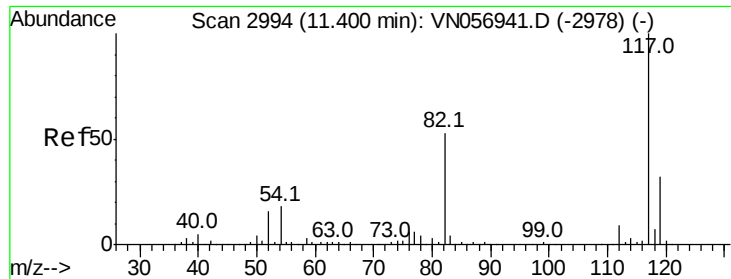
apatel
 8/5/2019 11:50:32 AM



#62
 4-Bromofluorobenzene
 Concen: 52.339 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Tgt Ion: 95 Resp: 361579
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 182.2
 176 90.2 0.0 179.4





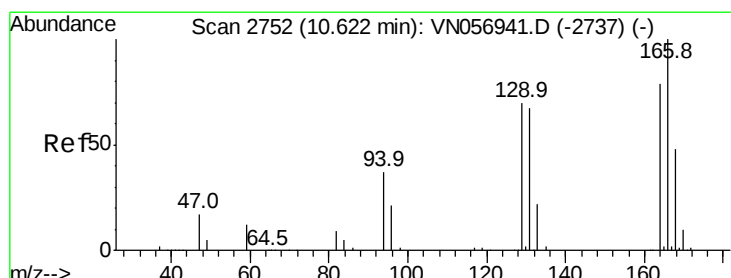
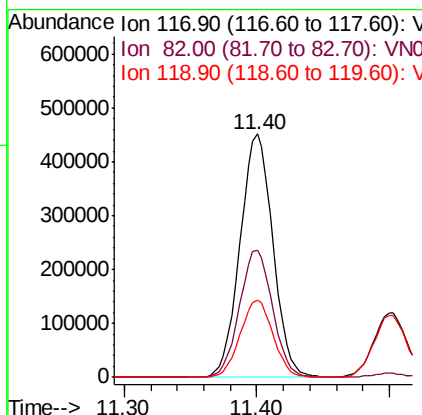
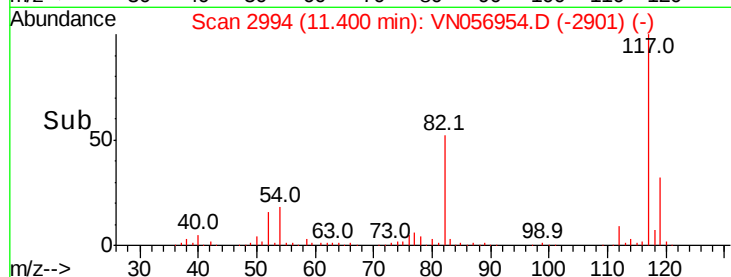
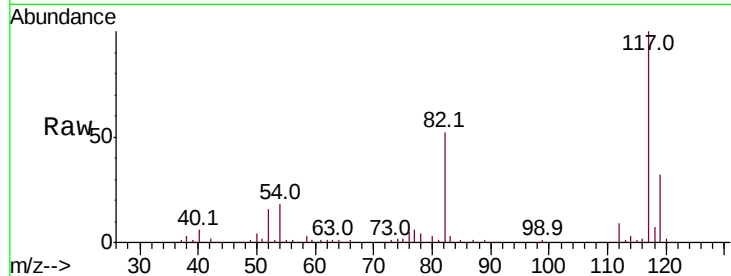
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.2	63.4
119	31.9	25.8	38.6

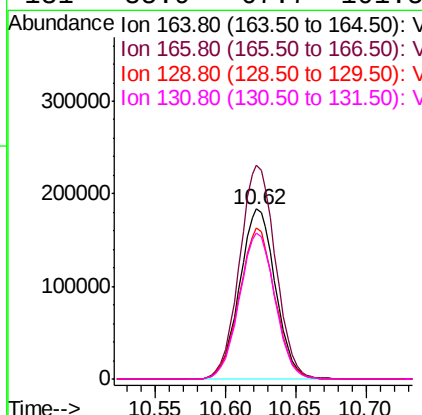
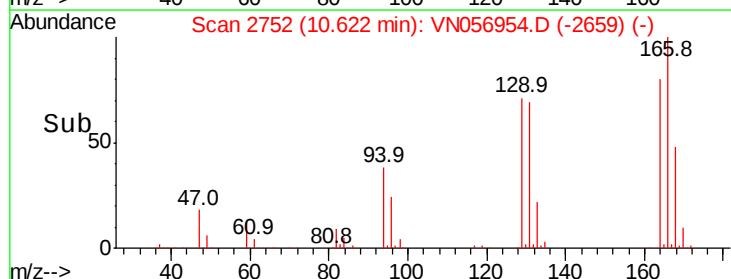
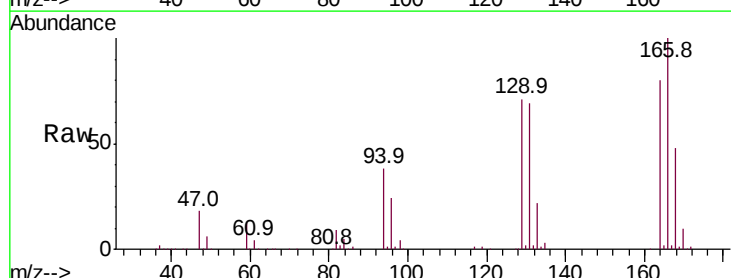
Manual Integrations
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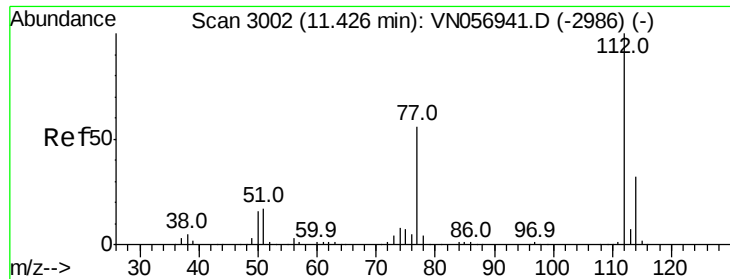
apatel
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#64
Tetrachloroethene
Concen: 48.675 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	101.1	151.7
129	88.6	70.9	106.3
131	85.9	67.7	101.5





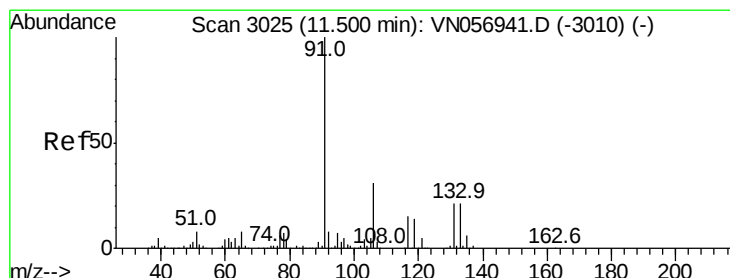
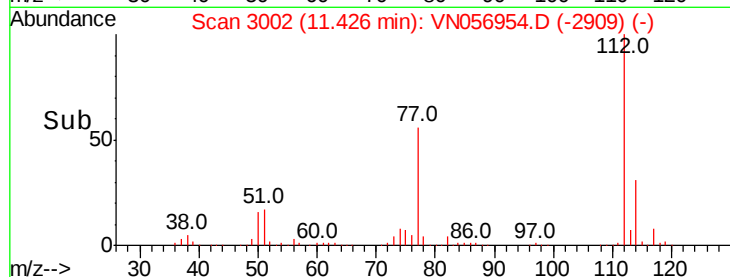
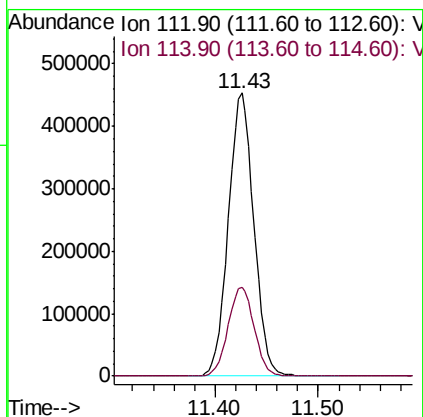
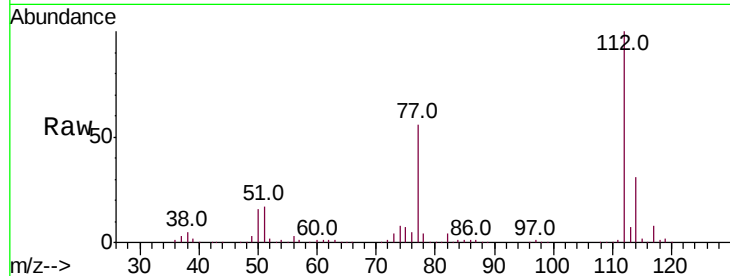
#65
Chlorobenzene
Concen: 49.293 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 780691
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0

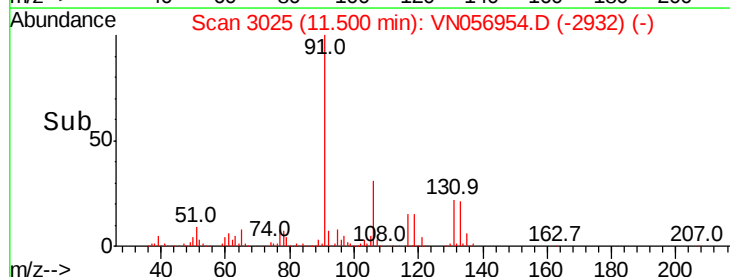
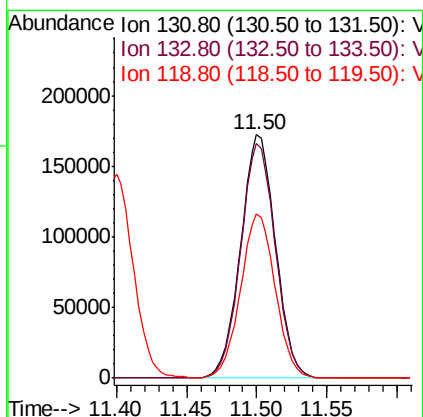
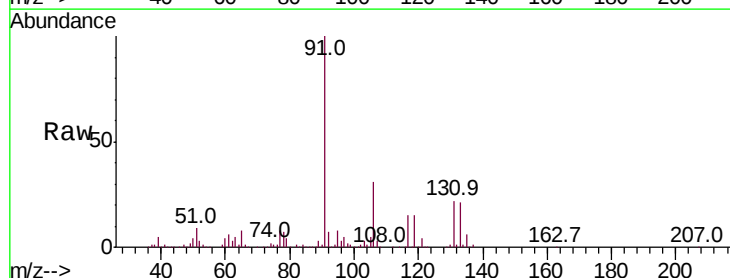
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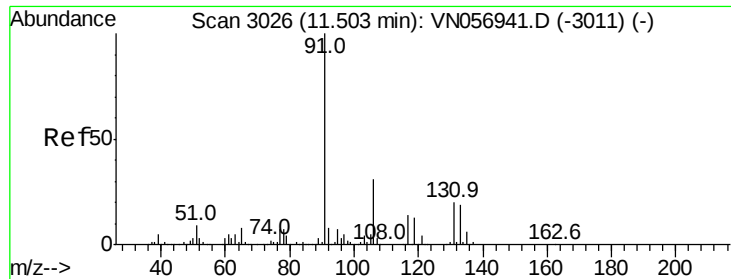
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.999 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion:131 Resp: 298045
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.0
119 67.1 33.2 99.6





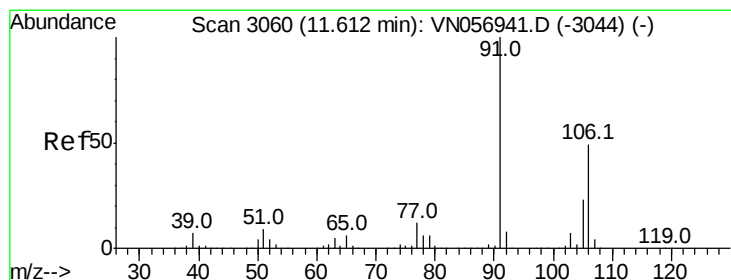
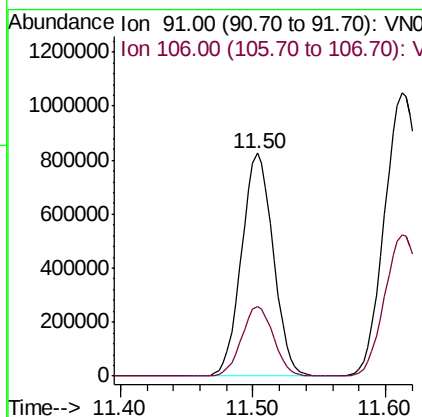
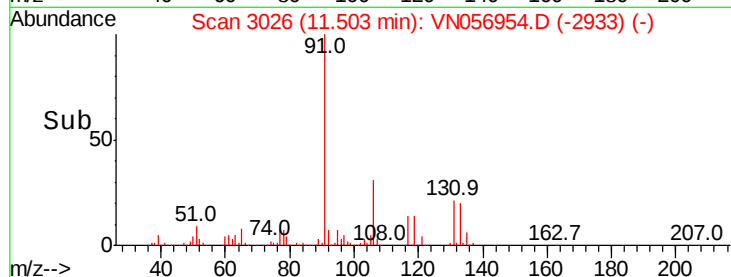
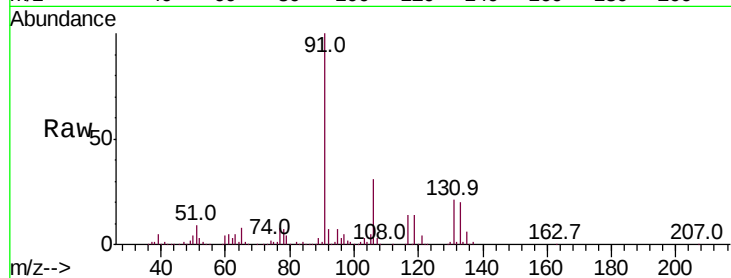
#67
Ethyl Benzene
Concen: 50.129 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1372141
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

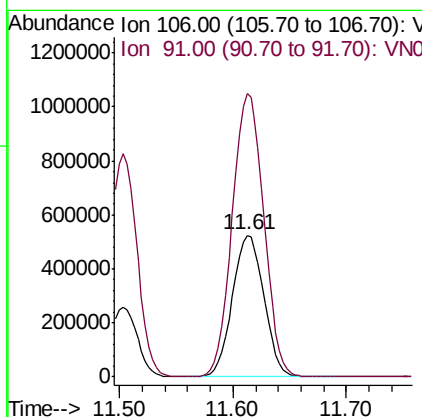
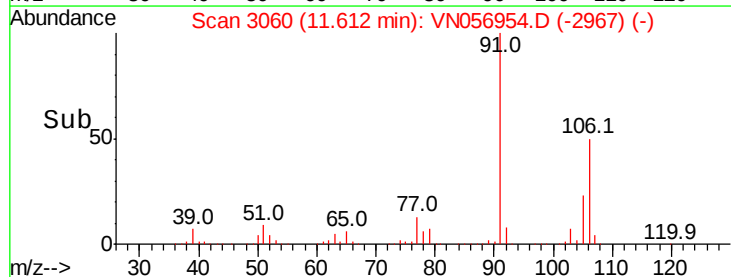
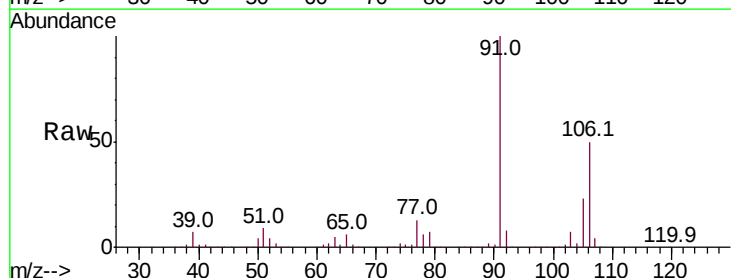
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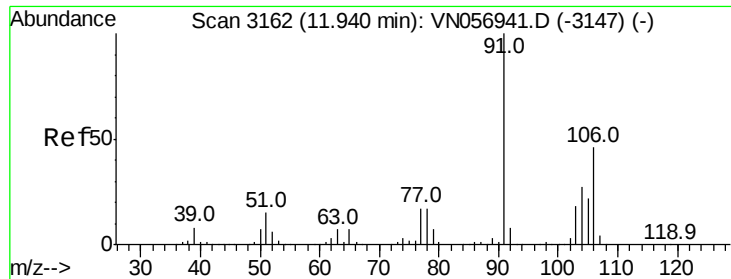
apatel
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#68
m/p-Xylenes
Concen: 100.870 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion: 106 Resp: 1018985
Ion Ratio Lower Upper
106 100
91 200.1 160.0 240.0





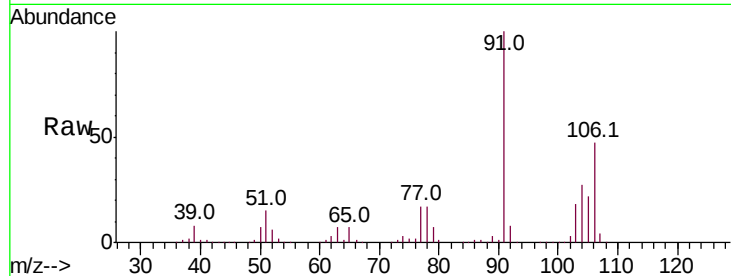
#69
o-Xylene
Concen: 50.198 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

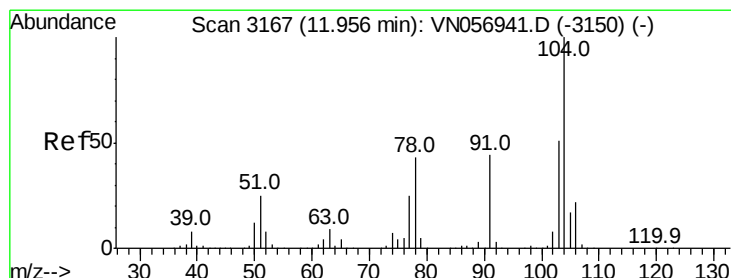
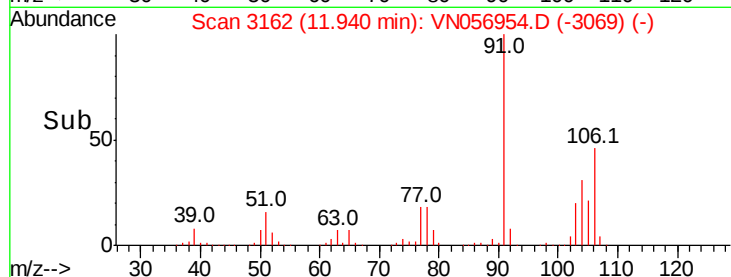
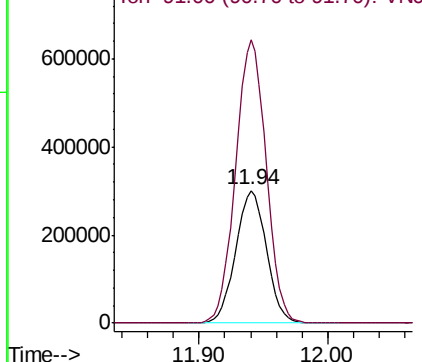
Tot Ion:106 Resp: 496119
Ion Ratio Lower Upper
106 100
91 213.3 106.2 318.6

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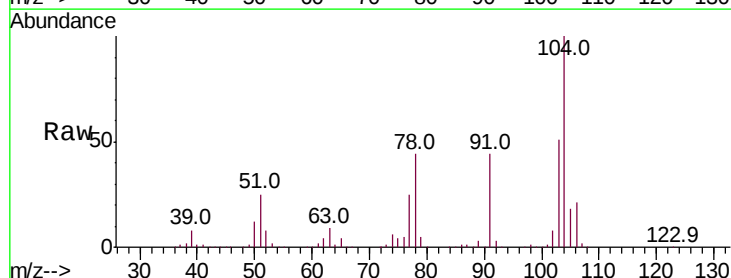


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

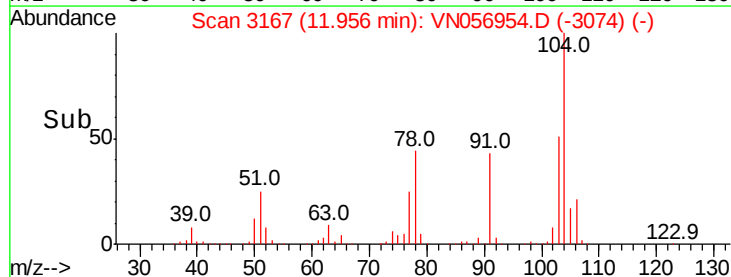
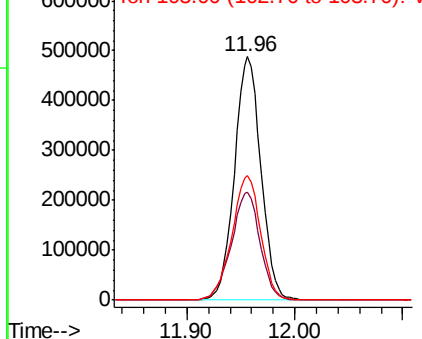


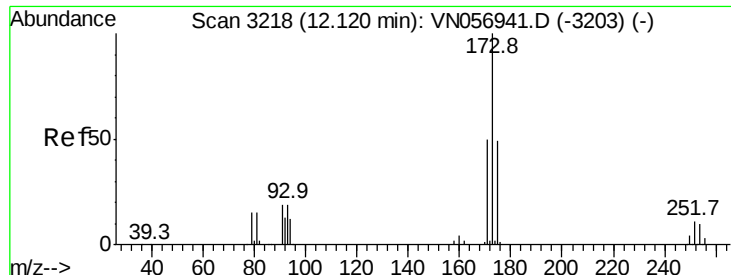
#70
Styrene
Concen: 47.875 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion:104 Resp: 834878
Ion Ratio Lower Upper
104 100
78 47.9 38.1 57.1
103 55.7 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.499 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 222652

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.4

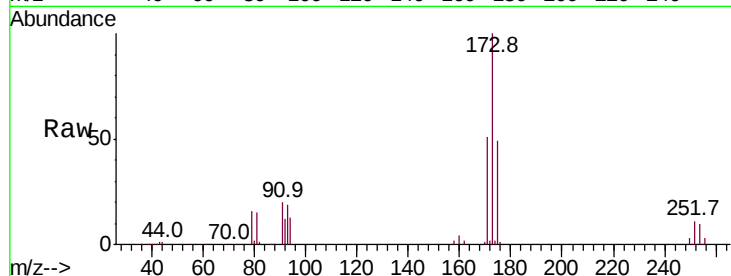
254 0.1 0.1 0.1

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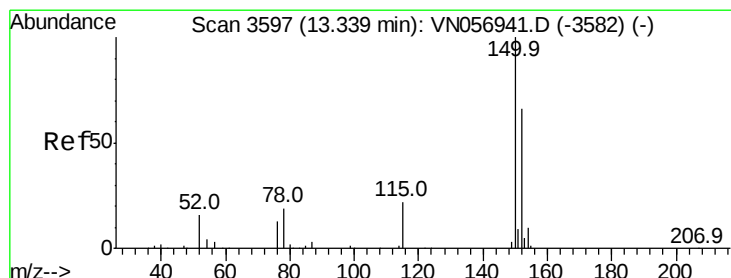
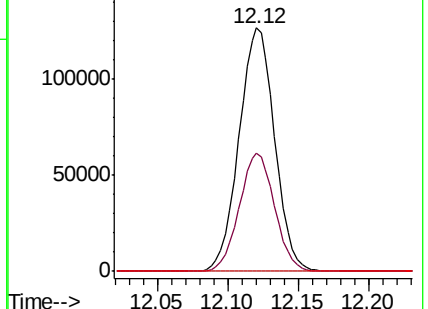
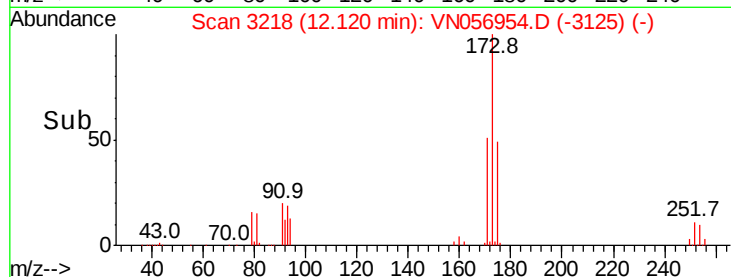
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 3597

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

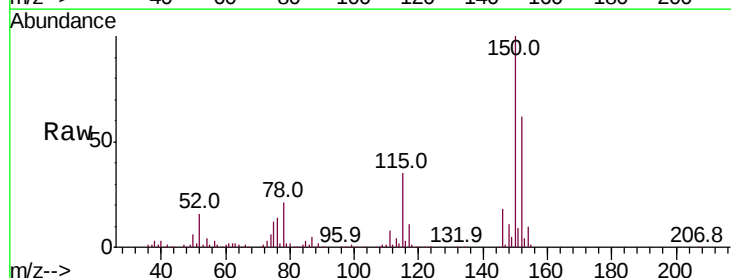
Tgt Ion:152 Resp: 329183

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.6

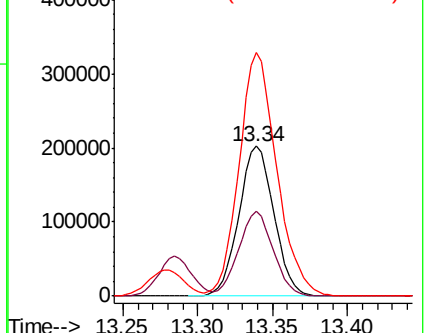
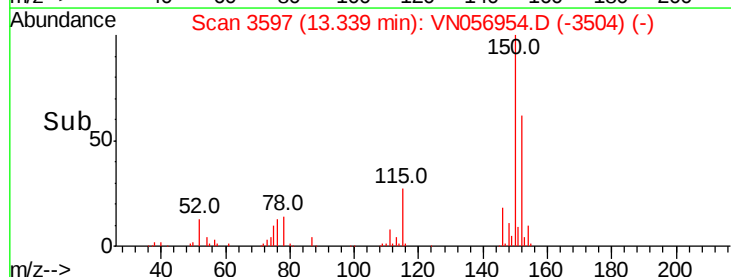
150 175.0 0.0 349.4

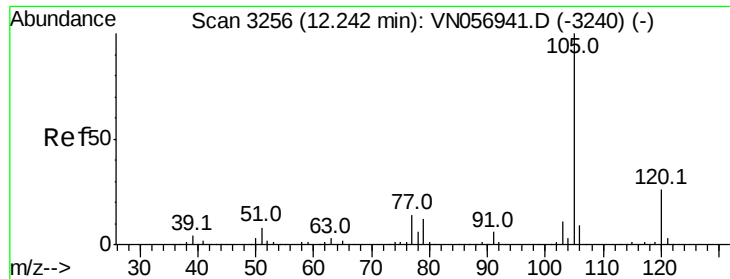


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.720 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1329167

Ion Ratio Lower Upper

105 100

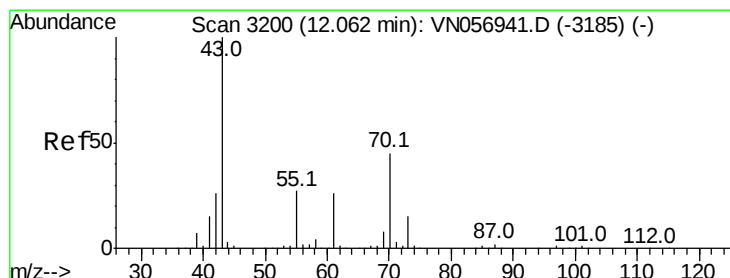
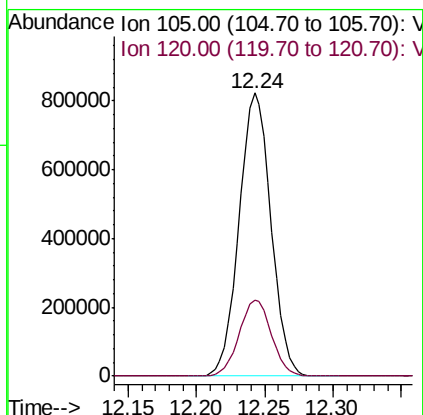
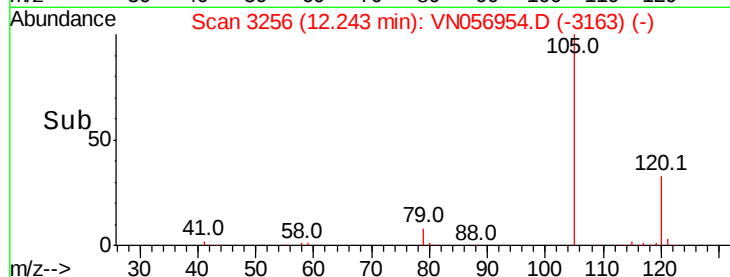
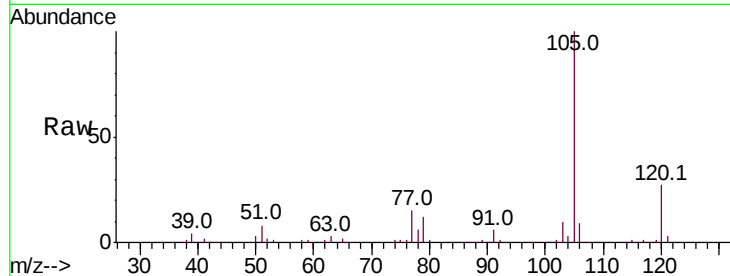
120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 50.668 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Tgt Ion: 43 Resp: 418548

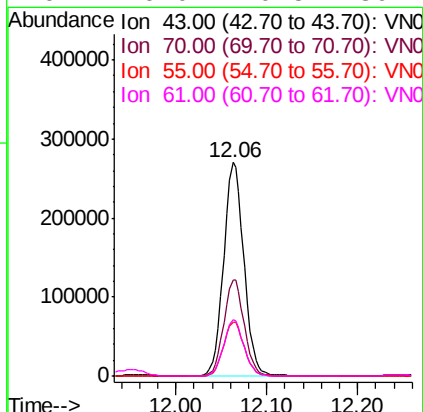
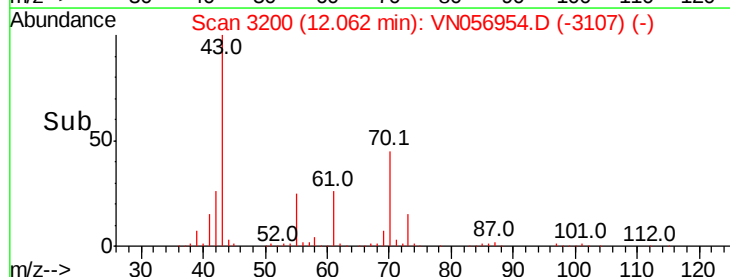
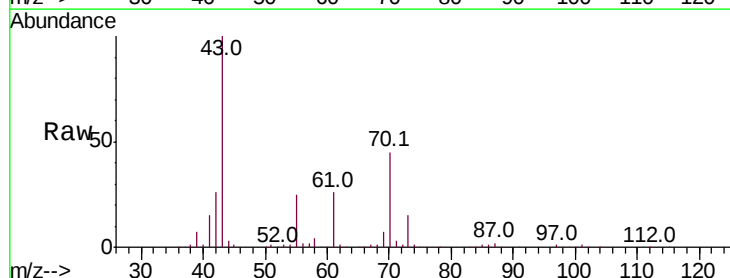
Ion Ratio Lower Upper

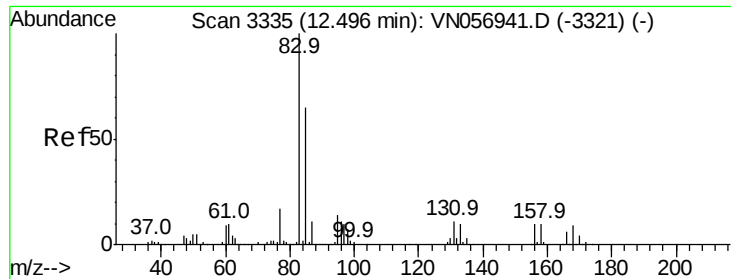
43 100

70 45.3 36.5 54.7

55 25.9 21.4 32.0

61 26.0 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 52.807 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 378698

Ion Ratio Lower Upper

83 100

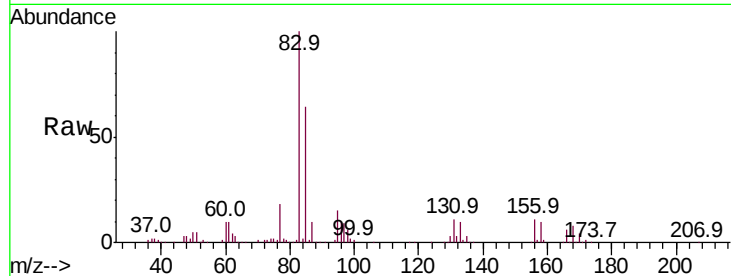
131 10.9 5.3 16.1

85 64.7 32.5 97.4

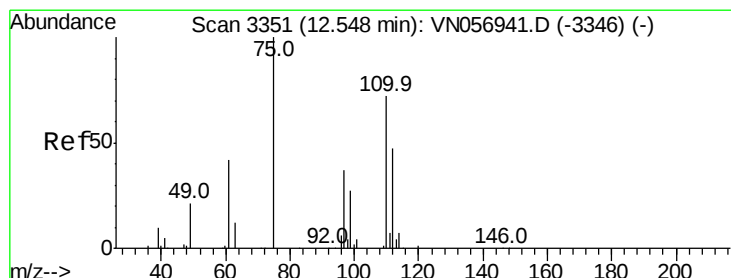
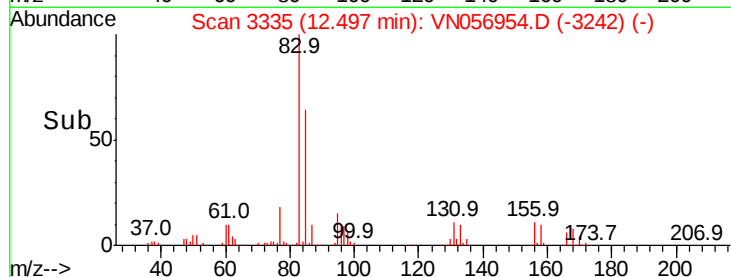
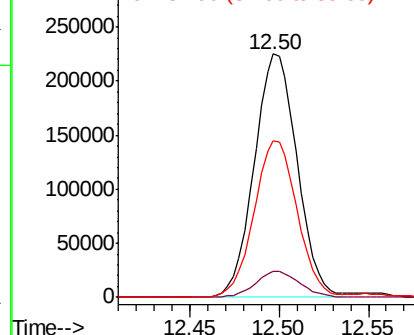
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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 50.544 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN056954.D

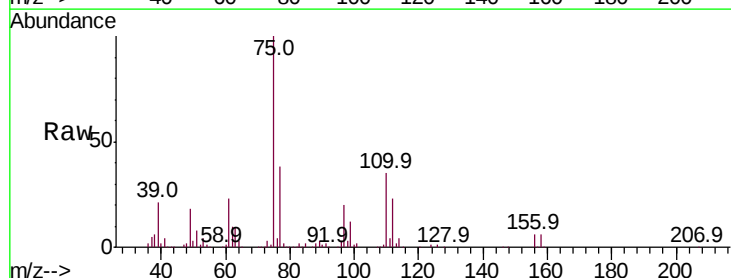
Acq: 26 Jul 2019 20:32

Tgt Ion: 75 Resp: 337893

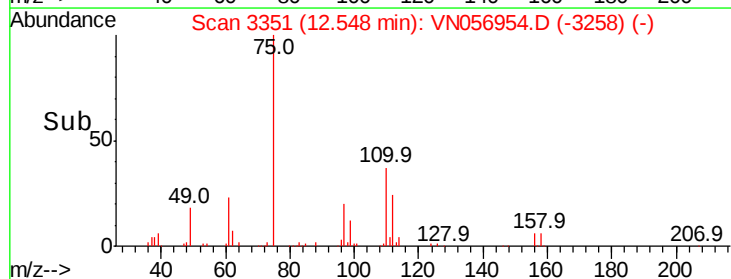
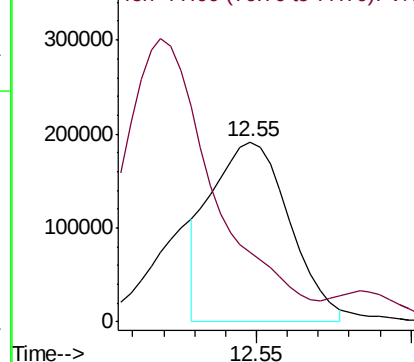
Ion Ratio Lower Upper

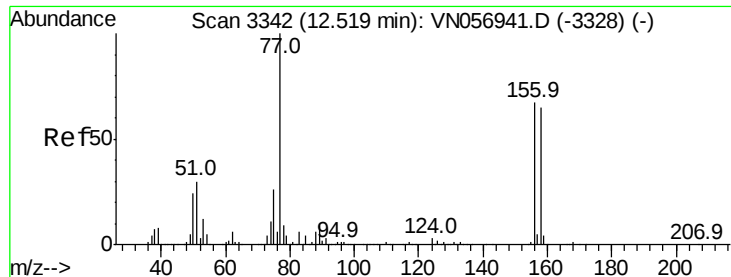
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 47.197 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

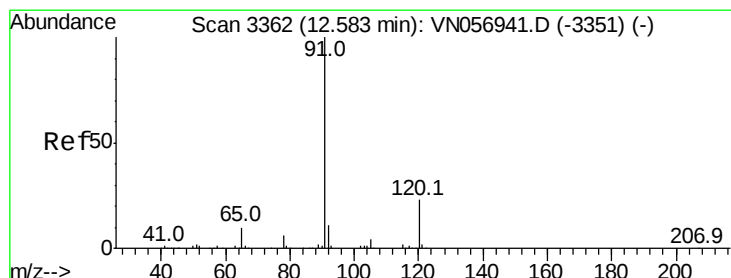
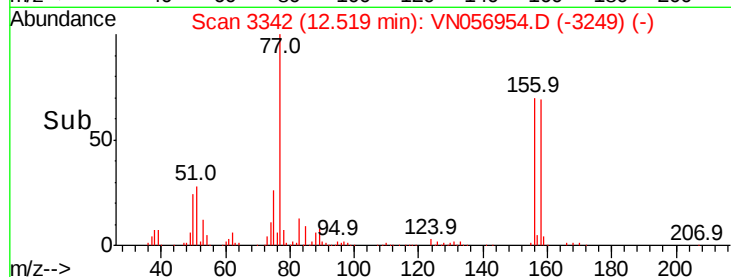
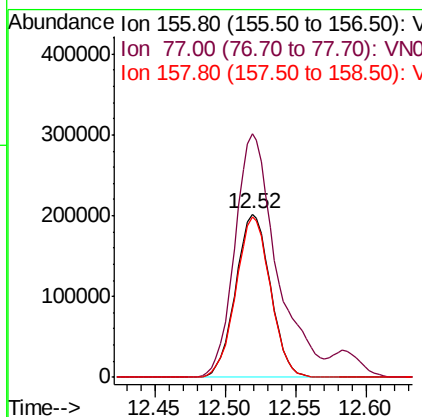
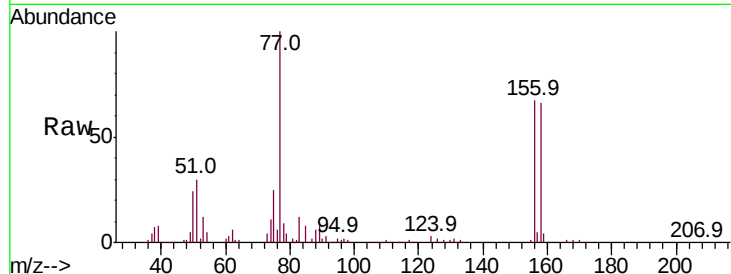
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	350441
Ion Ratio	Lower	Upper	
156	100		
77	178.8	89.5	268.5
158	97.3	48.4	145.3

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#78

n-propylbenzene

Concen: 47.602 ug/l

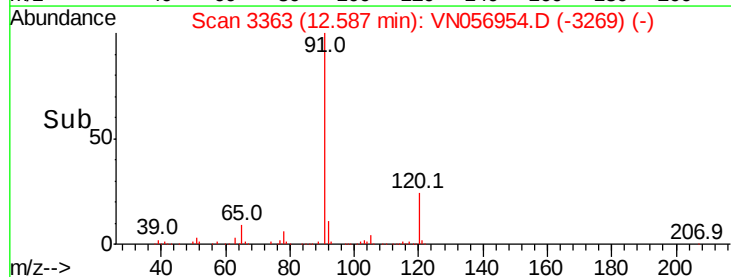
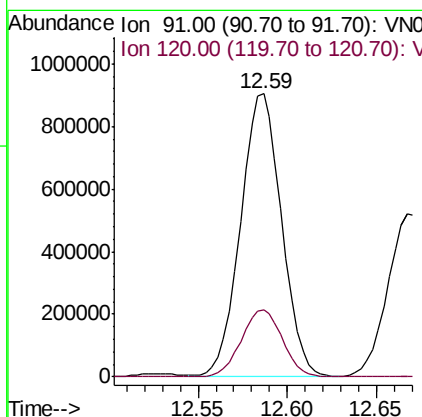
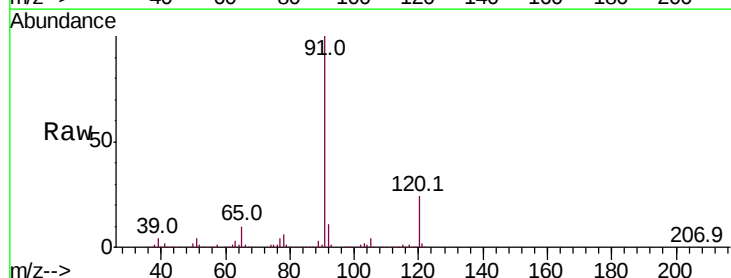
RT: 12.59 min Scan# 3363

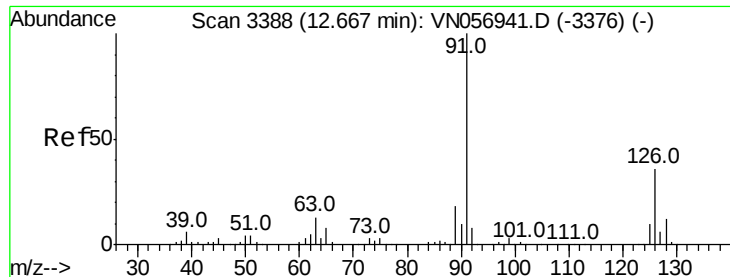
Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Tgt Ion:	91	Resp:	1445982
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.8	35.4





#79

2-Chlorotoluene

Concen: 46.404 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 867976

Ion Ratio Lower Upper

91 100

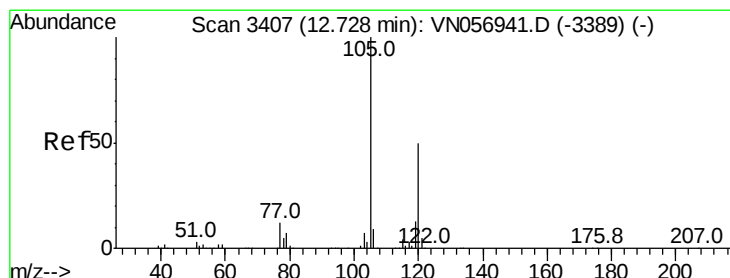
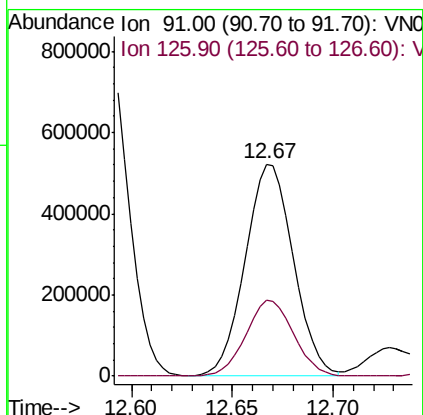
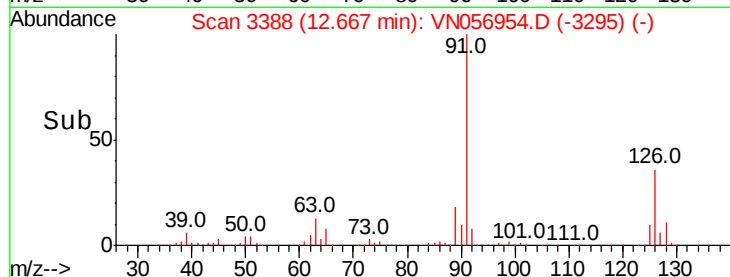
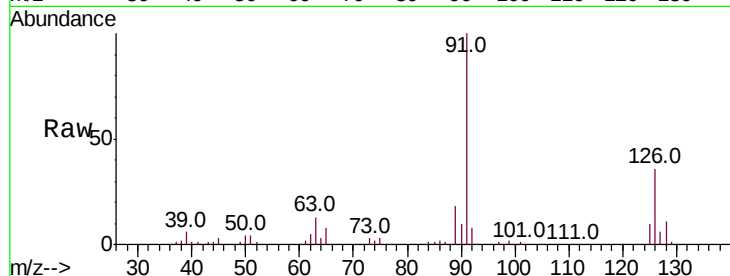
126 35.7 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.375 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN056954.D

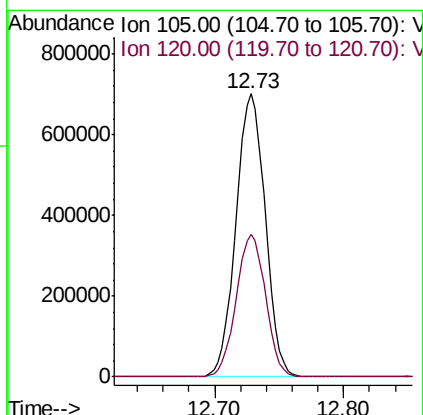
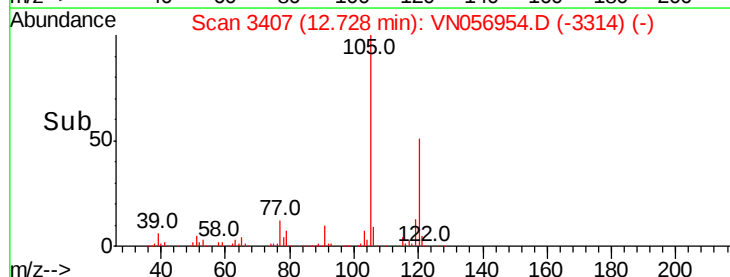
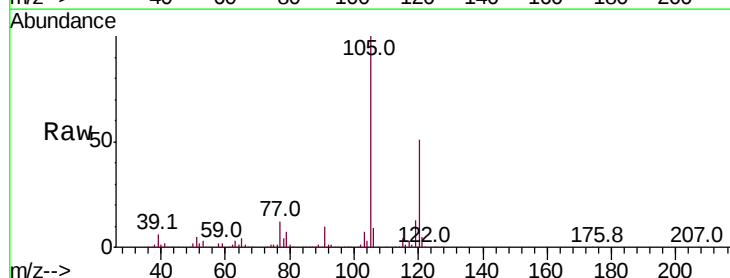
Acq: 26 Jul 2019 20:32

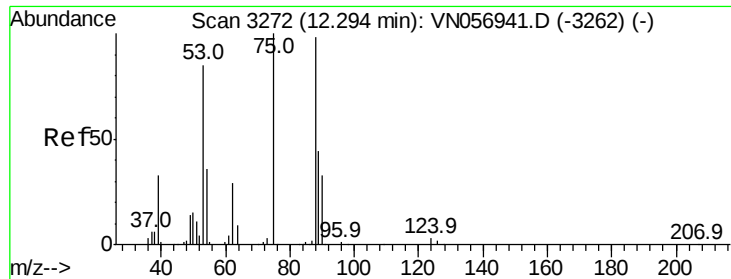
Tgt Ion: 105 Resp: 1106178

Ion Ratio Lower Upper

105 100

120 50.3 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.764 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 103543

Ion Ratio Lower Upper

75 100

53 88.0 69.3 103.9

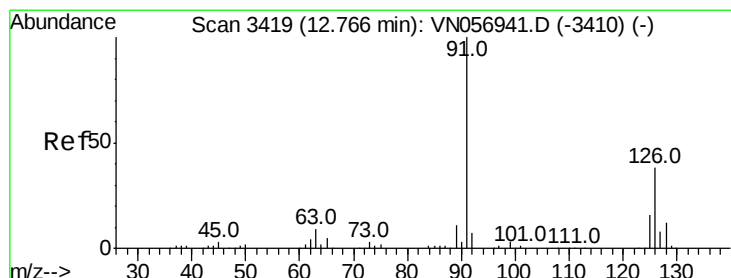
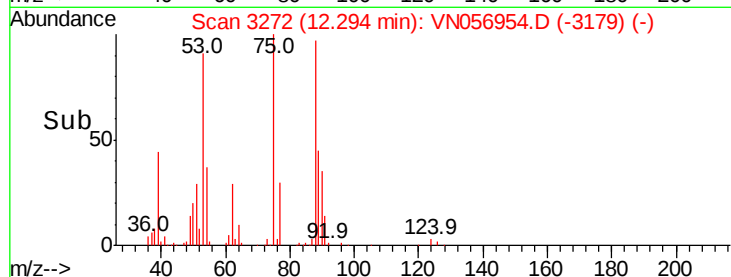
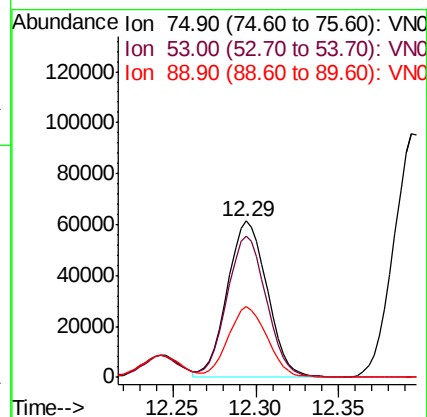
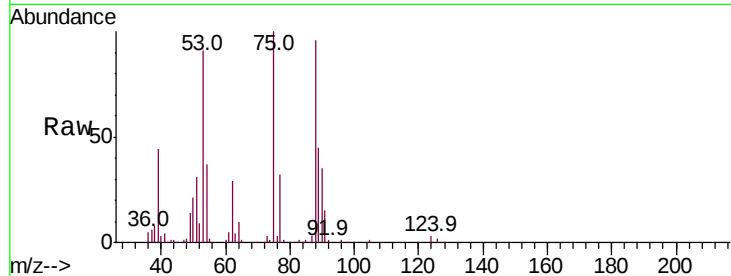
89 44.1 35.8 53.6

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#82

4-Chlorotoluene

Concen: 47.807 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN056954.D

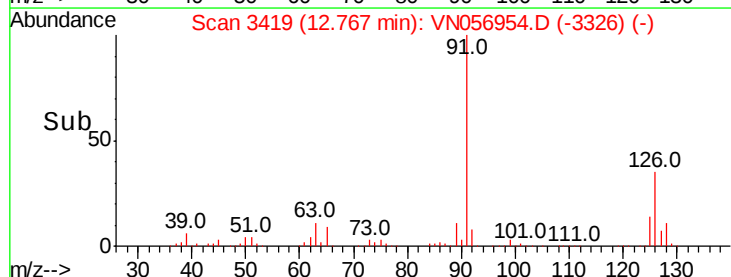
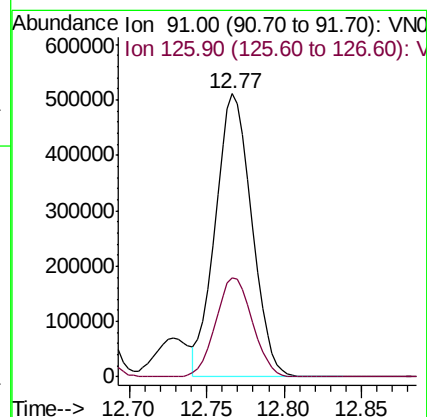
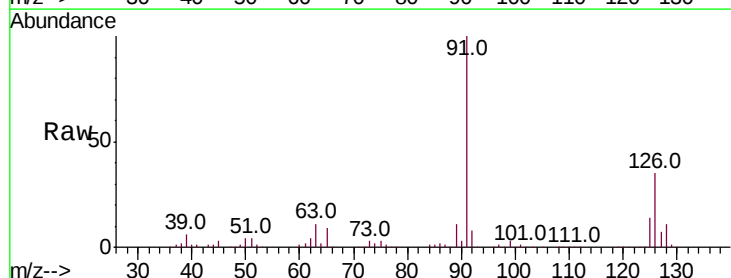
Acq: 26 Jul 2019 20:32

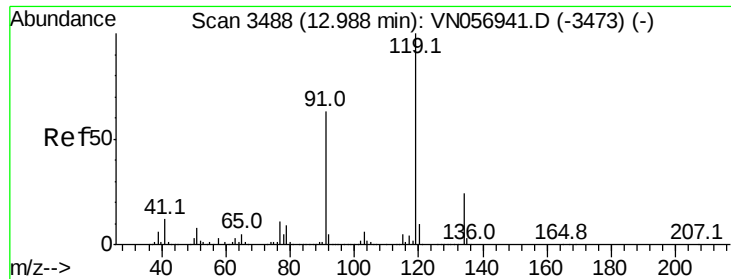
Tgt Ion: 91 Resp: 836818

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.5





#83

tert-Butylbenzene

Concen: 46.895 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Instrument :

MSVOA_N

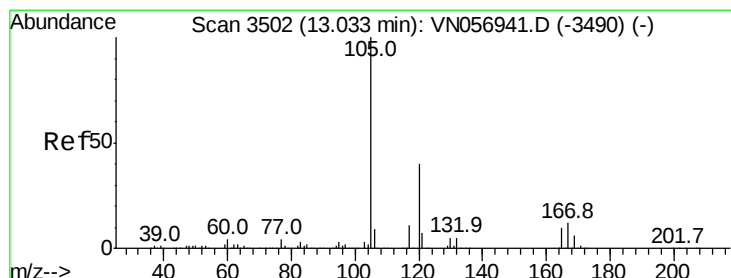
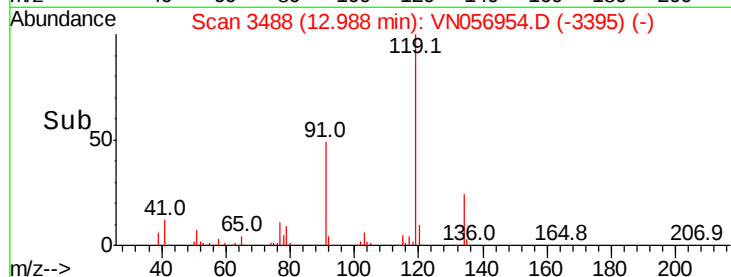
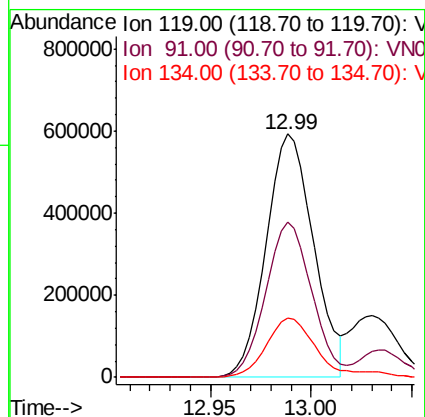
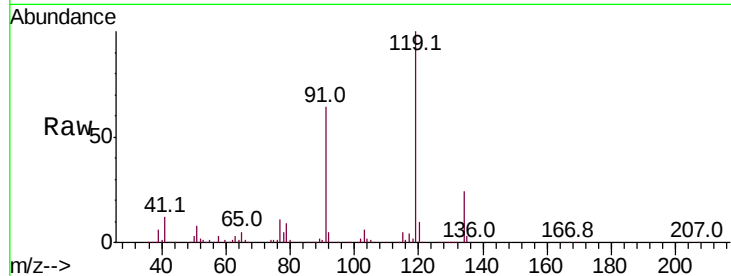
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	969315		
91	62.2	31.3	93.8	
134	26.2	13.3	39.8	

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#84

1,2,4-Trimethylbenzene

Concen: 48.526 ug/l

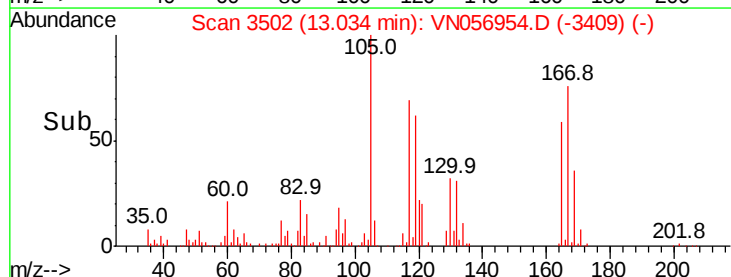
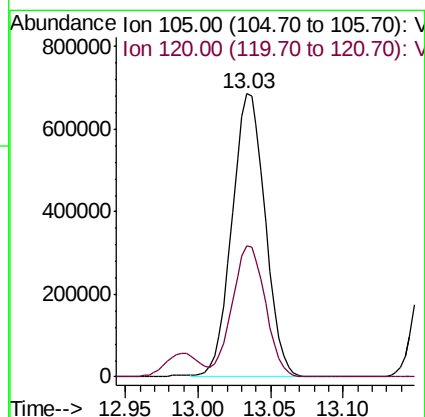
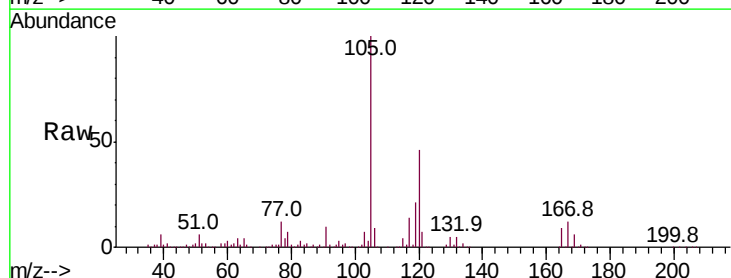
RT: 13.03 min Scan# 3502

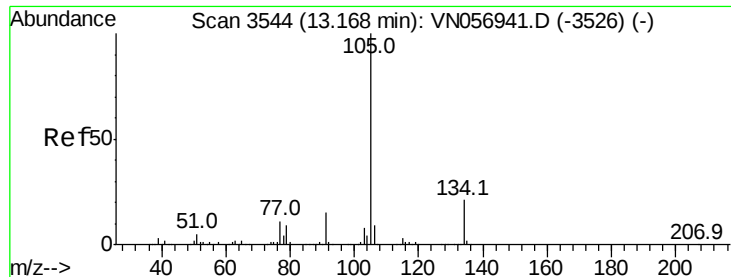
Delta R.T. 0.00 min

Lab File: VN056954.D

Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1090229		
120	46.3	23.2	69.6	





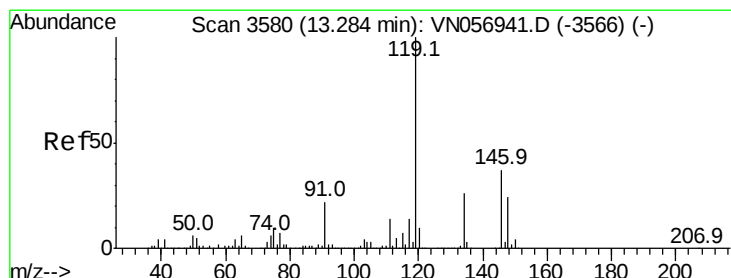
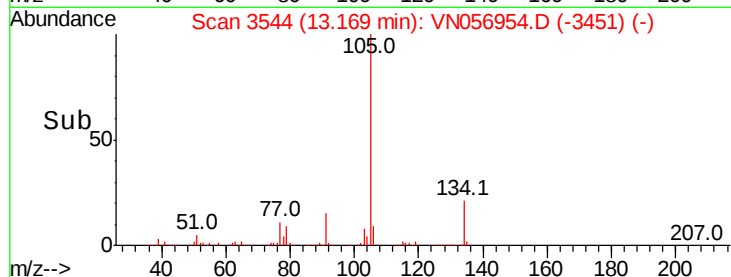
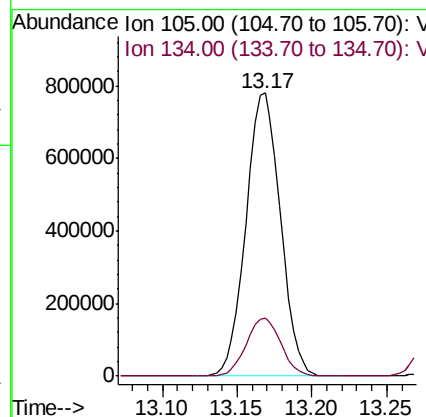
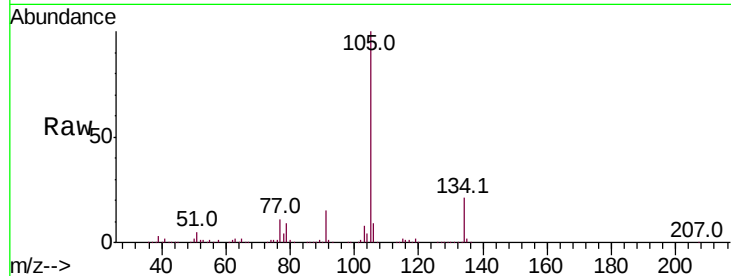
#85
 sec-Butylbenzene
 Concen: 46.961 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1252067
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8

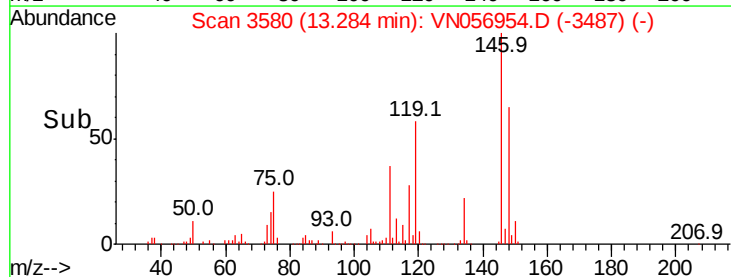
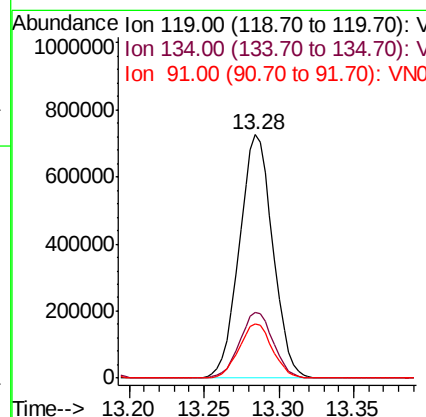
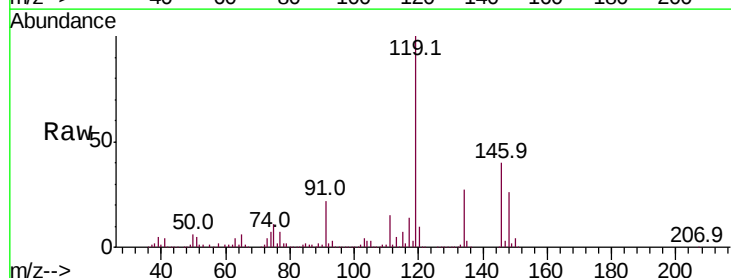
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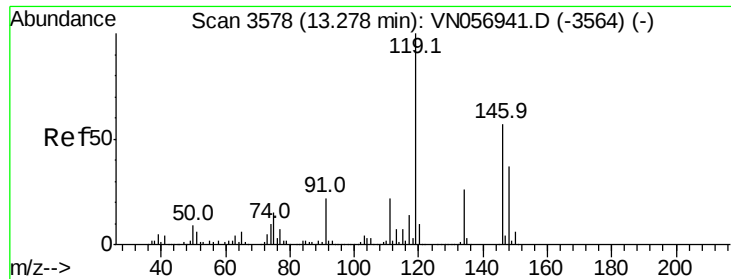
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#86
 p-Isopropyltoluene
 Concen: 47.491 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Tgt Ion:119 Resp: 1124161
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 22.3 11.0 33.0





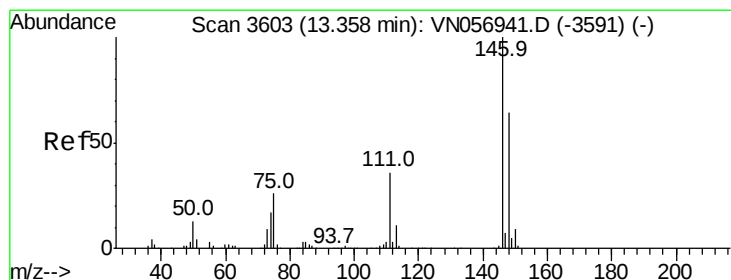
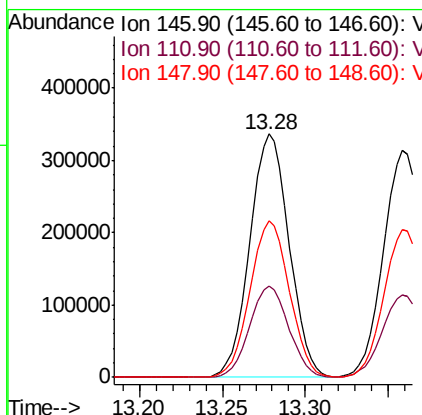
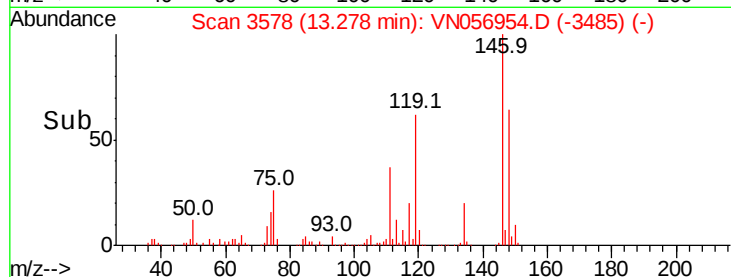
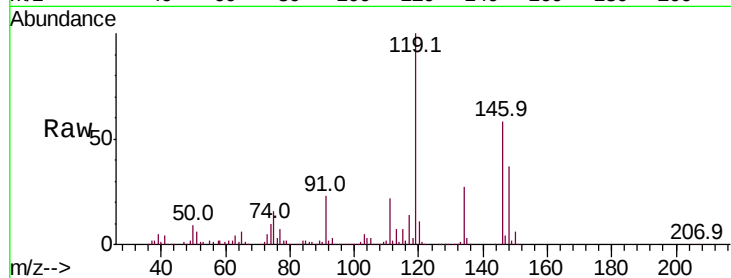
#87
 1,3-Dichlorobenzene
 Concen: 49.054 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	64.5	32.2	96.6

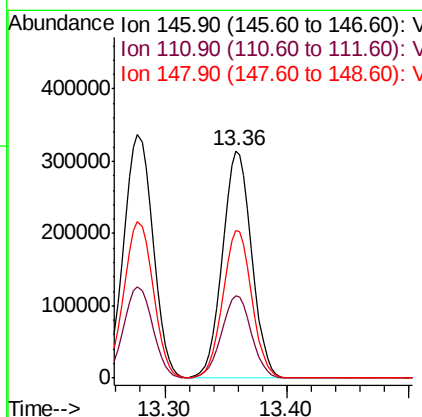
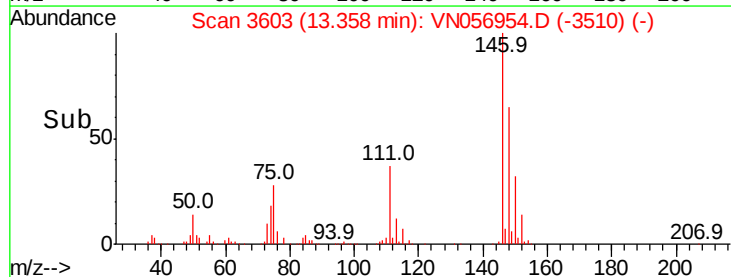
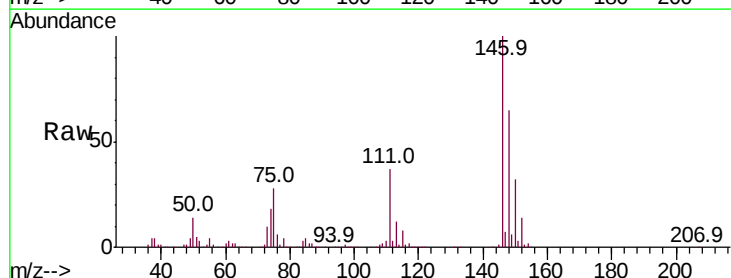
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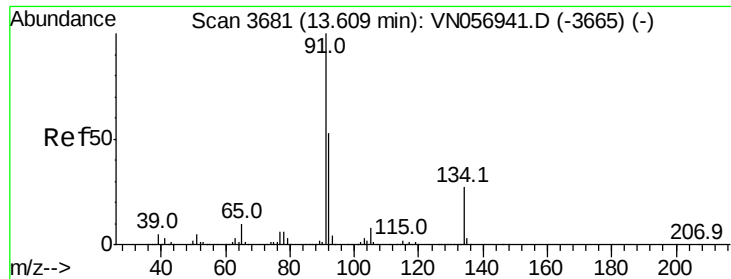
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 48.510 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.2
148	64.7	32.3	96.9





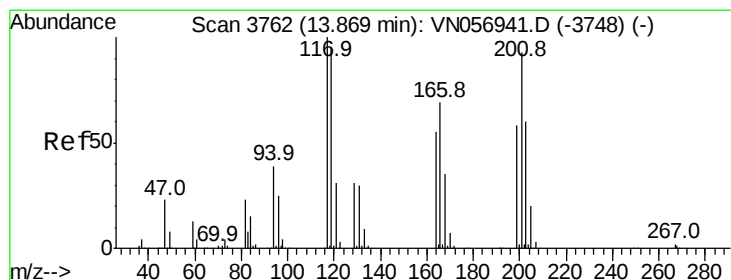
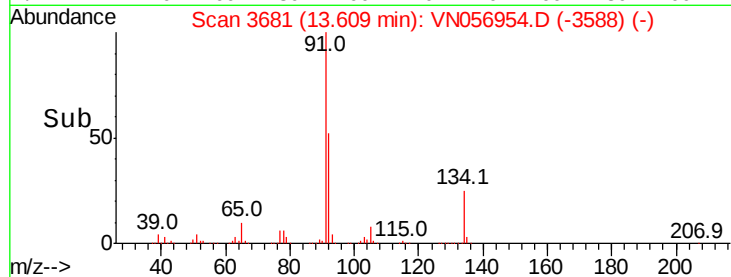
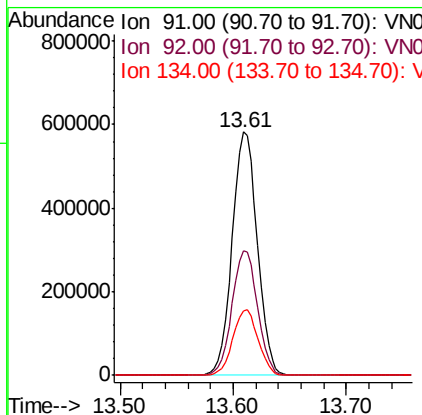
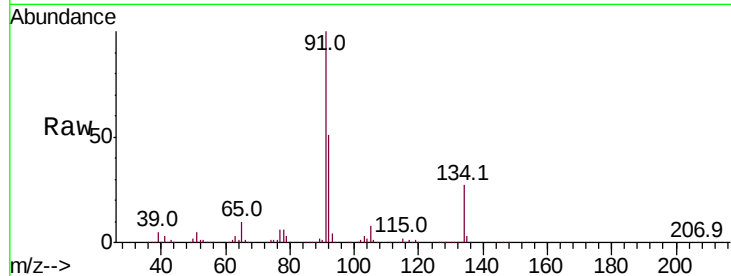
#89
n-Butylbenzene
Concen: 49.376 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.5
134	27.1	13.5	40.4

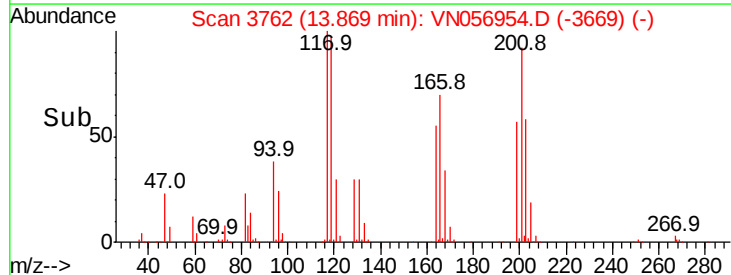
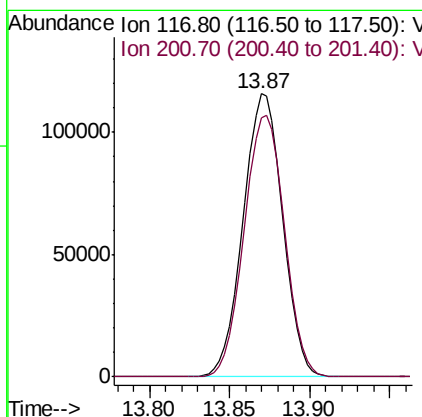
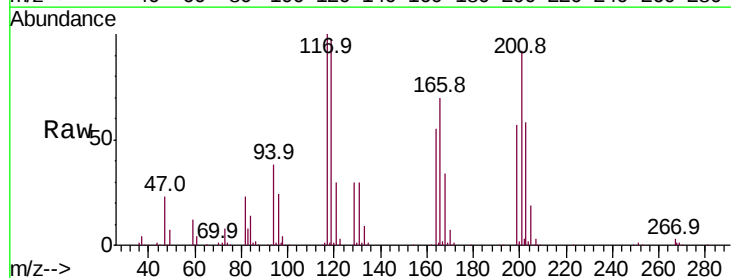
Manual Integrations
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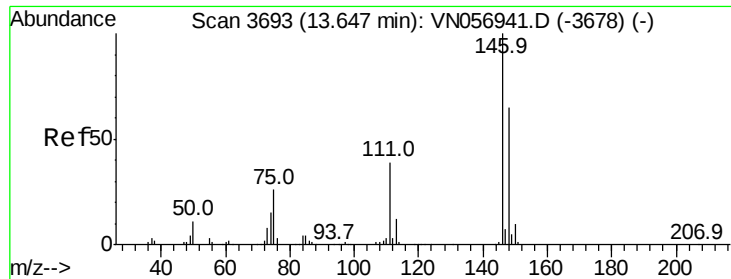
apatel
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#90
Hexachloroethane
Concen: 47.937 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.1	47.0	141.2





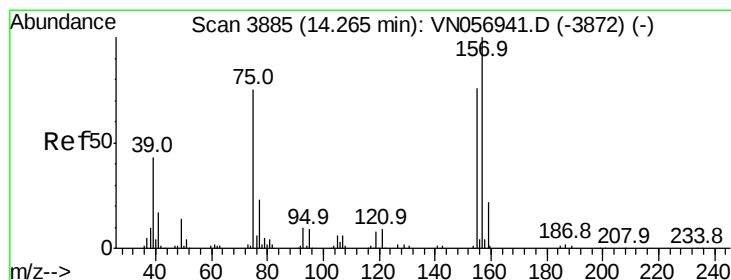
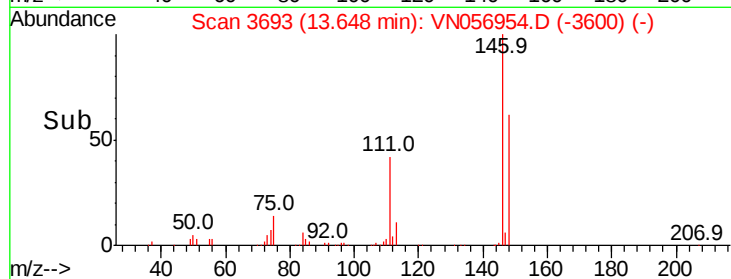
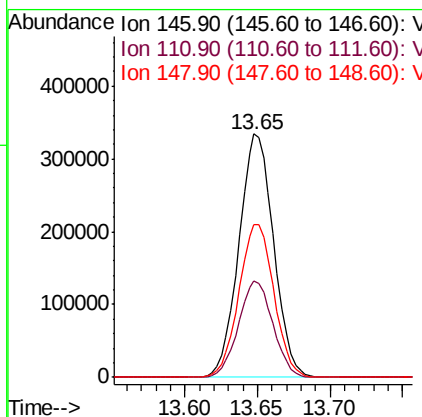
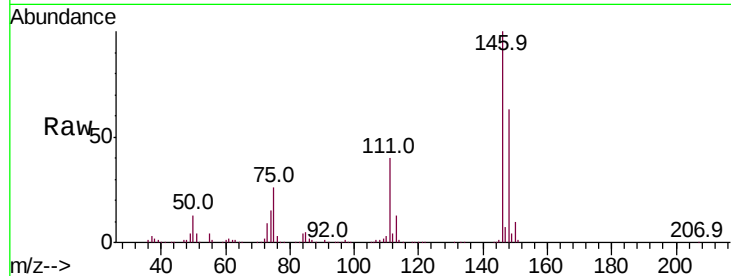
#91
 1,2-Dichlorobenzene
 Concen: 49.900 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.4
148	63.6	32.2	96.6

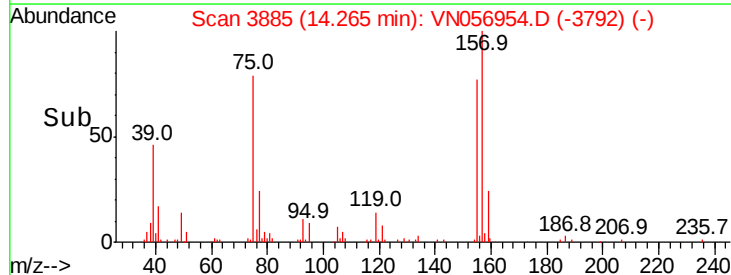
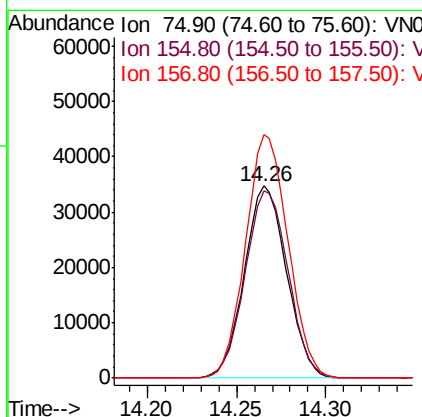
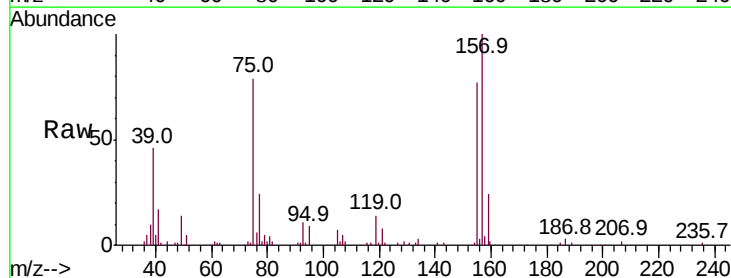
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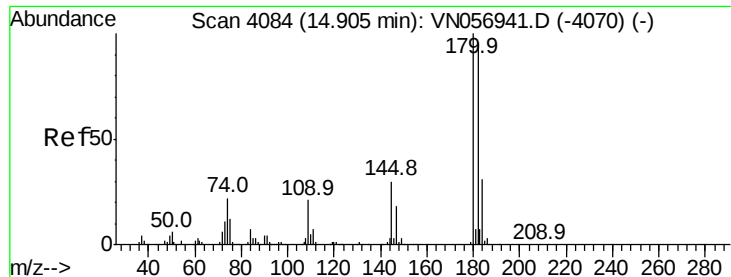
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.844 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.2	50.2	150.6
157	127.3	65.1	195.4





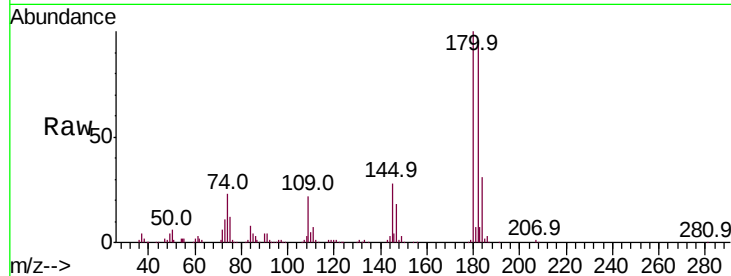
#93
 1,2,4-Trichlorobenzene
 Concen: 46.940 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

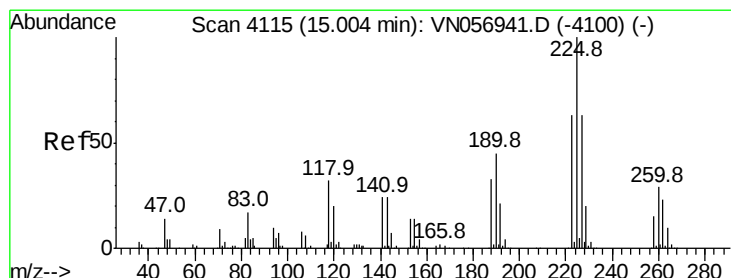
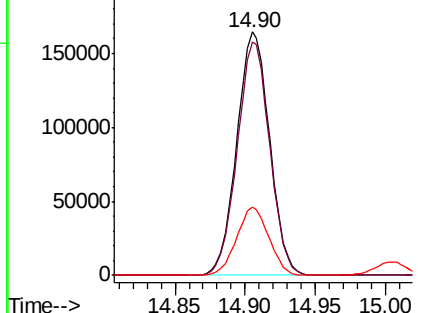
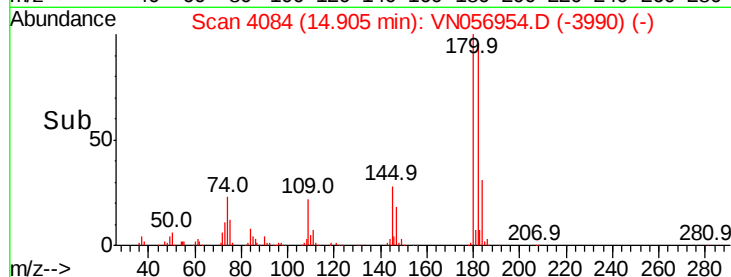
Tot Ion	Ratio	Resp	Lower	Upper
180	100	268172		
182	94.7	47.6	142.8	
145	27.6	14.2	42.8	

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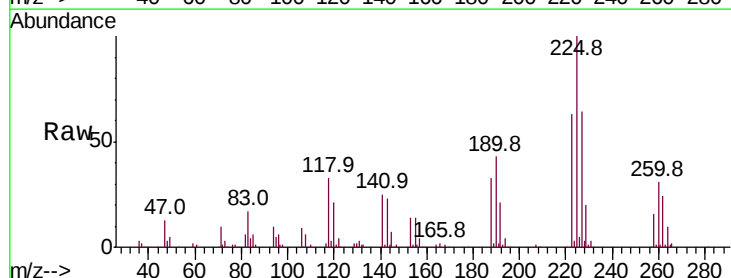


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

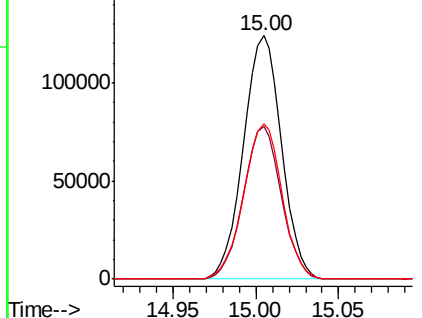
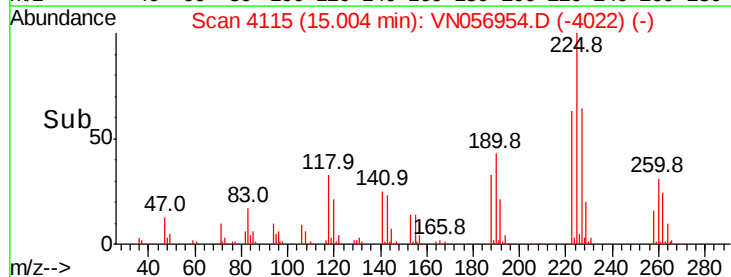


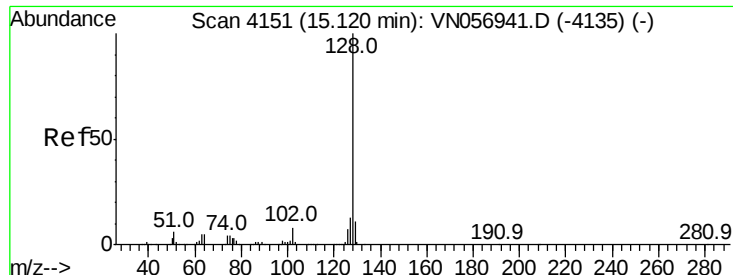
#94
 Hexachlorobutadiene
 Concen: 51.103 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN056954.D
 Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	198144		
223	62.4	30.8	92.4	
227	64.1	31.1	93.5	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





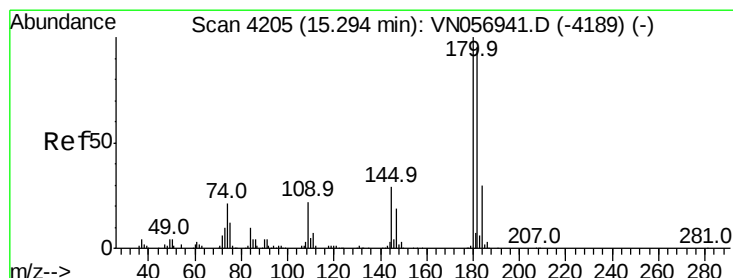
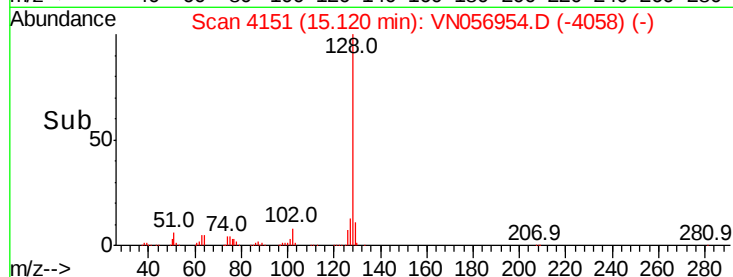
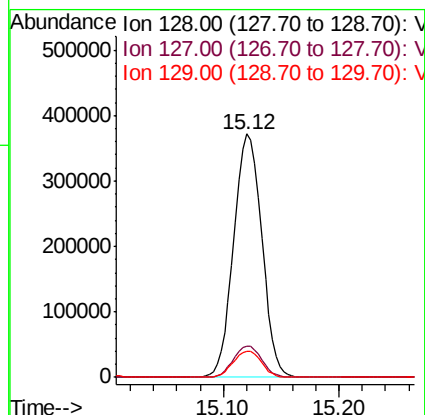
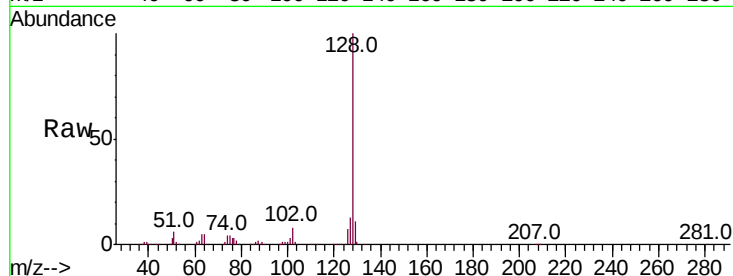
#95
Naphthalene
Concen: 45.085 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	10.8	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 45.970 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN056954.D
Acq: 26 Jul 2019 20:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.2
145	30.1	15.0	45.0

