

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056471.D
 Acq On : 25 Jun 2019 9:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 9:28:13 AM

Quant Time: Jun 26 04:00:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	397515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	592913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219302	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	209471	47.55	ug/l	0.00
Spiked Amount						
			Recovery	=	95.10%	
35) Dibromofluoromethane	7.59	113	186210	50.34	ug/l	0.00
Spiked Amount						
			Recovery	=	100.68%	
50) Toluene-d8	10.09	98	700329	48.66	ug/l	0.00
Spiked Amount						
			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.40	95	238530	49.72	ug/l	0.00
Spiked Amount						
			Recovery	=	99.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	160001	47.535	ug/l	99
3) Chloromethane	2.06	50	201135	43.886	ug/l	100
4) Vinyl Chloride	2.18	62	205436	46.410	ug/l	99
5) Bromomethane	2.55	94	129937	50.071	ug/l	100
6) Chloroethane	2.69	64	119723	46.703	ug/l	100
7) Trichlorofluoromethane	3.00	101	273086	47.692	ug/l	99
8) Diethyl Ether	3.41	74	116325	48.002	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	177335	48.564	ug/l	99
10) Methyl Iodide	3.95	142	244668	49.575	ug/l	100
11) Tert butyl alcohol	4.79	59	181217	244.217	ug/l	100
12) 1,1-Dichloroethene	3.73	96	166641	47.455	ug/l	98
13) Acrolein	3.60	56	144871	231.646	ug/l	100
14) Allyl chloride	4.32	41	290111	49.630	ug/l	99
15) Acrylonitrile	4.99	53	522874	254.709	ug/l	100
16) Acetone	3.82	43	588264	266.506	ug/l	100
17) Carbon Disulfide	4.05	76	362387	45.372	ug/l	100
18) Methyl Acetate	4.32	43	223256	51.670	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	581108	50.011	ug/l	99
20) Methylene Chloride	4.55	84	198360	47.628	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	177882	46.984	ug/l	98
22) Diisopropyl ether	5.95	45	607682	49.500	ug/l	97
23) Vinyl Acetate	5.89	43	2599124	268.428	ug/l	99
24) 1,1-Dichloroethane	5.84	63	343532	48.749	ug/l	99
25) 2-Butanone	6.84	43	769812	263.508	ug/l	99
26) 2,2-Dichloropropane	6.82	77	261412	53.336	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	215495	48.651	ug/l	99
28) Bromochloromethane	7.19	49	165053	47.352	ug/l	98
29) Tetrahydrofuran	7.21	42	462172	258.880	ug/l	99
30) Chloroform	7.37	83	339653	48.845	ug/l	100
31) Cyclohexane	7.65	56	307649	45.221	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	280424	50.877	ug/l	99
36) 1,1-Dichloropropene	7.79	75	254988	48.860	ug/l	100
37) Ethyl Acetate	6.93	43	275944	53.805	ug/l	98
38) Carbon Tetrachloride	7.77	117	236110	51.737	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	317408	49.291	ug/l	100
40) Benzene	8.04	78	783648	48.817	ug/l	98
41) Methacrylonitrile	7.17	41	137062	60.521	ug/l	85
42) 1,2-Dichloroethane	8.12	62	257261	48.561	ug/l	99
43) Isopropyl Acetate	8.16	43	438356	55.430	ug/l	99
44) Trichloroethene	8.83	130	213379	49.345	ug/l	99
45) 1,2-Dichloropropane	9.12	63	214204	49.895	ug/l	98
46) Dibromomethane	9.21	93	136789	50.928	ug/l	99
47) Bromodichloromethane	9.40	83	255876	53.714	ug/l	99
48) Methyl methacrylate	9.20	41	206434	52.091	ug/l	99
49) 1,4-Dioxane	9.20	88	62723	762.681	ug/l	92
51) 4-Methyl-2-Pentanone	9.98	43	1368859	268.180	ug/l	100
52) Toluene	10.16	92	482045	49.117	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	277317	49.984	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	318487	55.519	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	201995	51.204	ug/l	98
56) Ethyl methacrylate	10.43	69	309762	53.730	ug/l	99
57) 1,3-Dichloropropane	10.71	76	334854	50.527	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	495599	239.286	ug/l	100
59) 2-Hexanone	10.75	43	1003519	267.502	ug/l	99
60) Dibromochloromethane	10.90	129	205717	50.699	ug/l	98
61) 1,2-Dibromoethane	11.00	107	211196	52.417	ug/l	99
64) Tetrachloroethene	10.63	164	197131	47.890	ug/l	99
65) Chlorobenzene	11.43	112	516375	49.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	195370	55.346	ug/l	99
67) Ethyl Benzene	11.51	91	921535	50.250	ug/l	99
68) m/p-Xylenes	11.62	106	685545	102.003	ug/l	99
69) o-Xylene	11.95	106	336362	50.587	ug/l	99
70) Styrene	11.96	104	561262	52.809	ug/l	99
71) Bromoform	12.13	173	144802	50.795	ug/l #	100
73) Isopropylbenzene	12.25	105	905805	55.275	ug/l	100
74) N-amyl acetate	12.07	43	345647	49.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	286054	56.495	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	228073m	50.156	ug/l	
77) Bromobenzene	12.53	156	229888	46.882	ug/l	97
78) n-propylbenzene	12.59	91	985672	49.080	ug/l	100
79) 2-Chlorotoluene	12.67	91	590958	53.859	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	740491	53.826	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	77034	60.210	ug/l	93
82) 4-Chlorotoluene	12.77	91	571402	48.188	ug/l	100
83) tert-Butylbenzene	12.99	119	659705	55.139	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	714188	48.376	ug/l	100
85) sec-Butylbenzene	13.17	105	865260	49.019	ug/l	100
86) p-Isopropyltoluene	13.29	119	755953	49.902	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	371758	50.027	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	358965	49.877	ug/l	100
89) n-Butylbenzene	13.61	91	582532	50.797	ug/l	100
90) Hexachloroethane	13.87	117	125869	53.295	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	367121	49.794	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44402	54.720	ug/l	99

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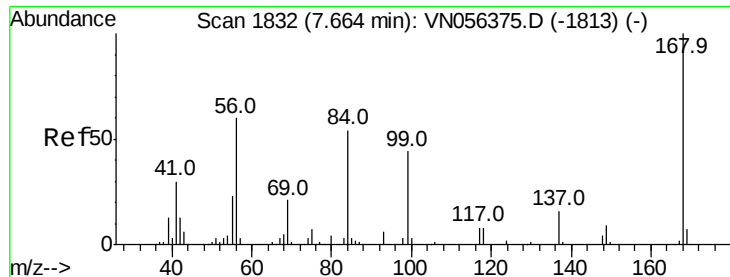
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	159624	42.520	ug/l	100
94) Hexachlorobutadiene	15.01	225	140725	56.569	ug/l	99
95) Naphthalene	15.13	128	417952	42.527	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	175173	44.567	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 397515

Ion Ratio Lower Upper

168 100

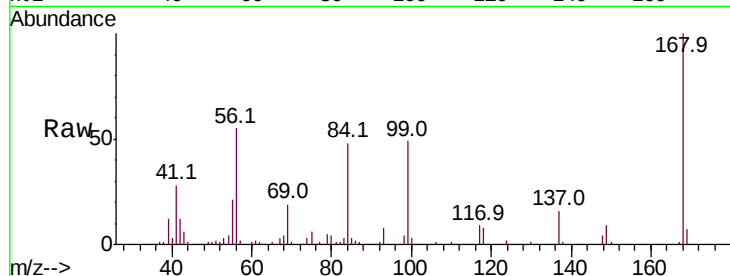
99 49.2 40.6 61.0

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Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1813) (-)

7.66

150000

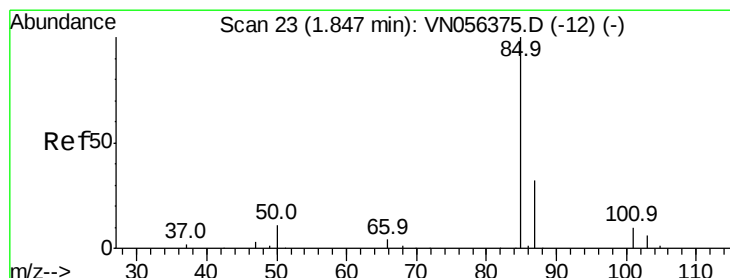
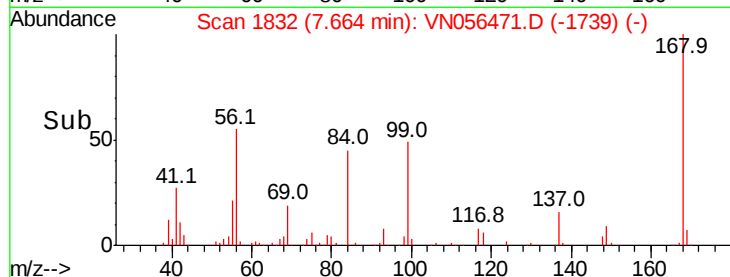
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.535 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056471.D

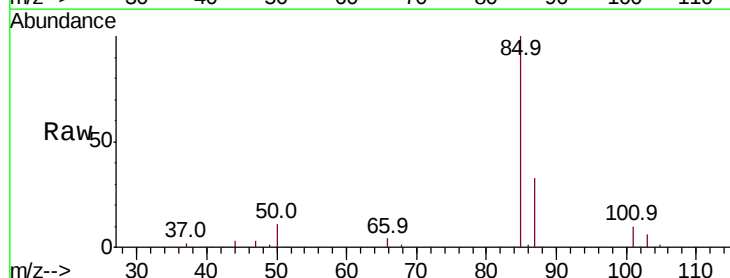
Acq: 25 Jun 2019 9:06

Tgt Ion: 85 Resp: 160001

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056375.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN056375.D (-12) (-)

1.85

120000

100000

80000

60000

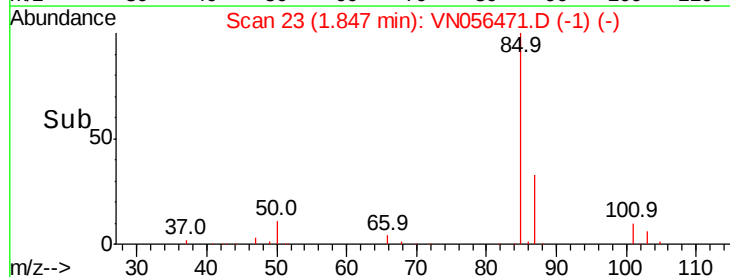
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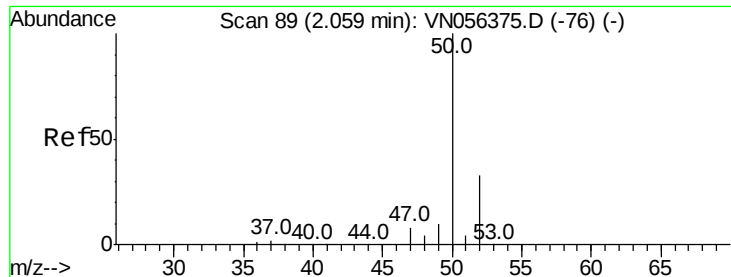
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.886 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 201135

Ion Ratio Lower Upper

50 100

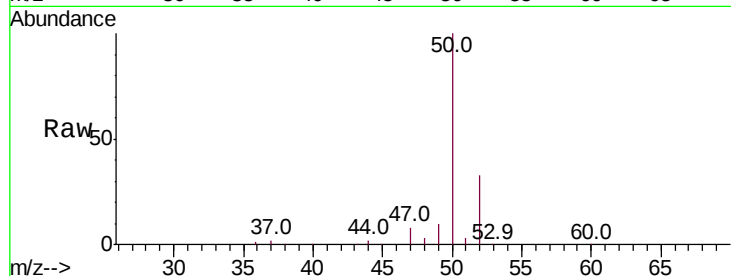
52 33.2 26.5 39.7

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

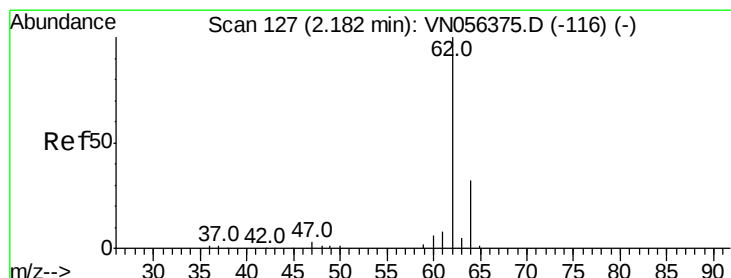
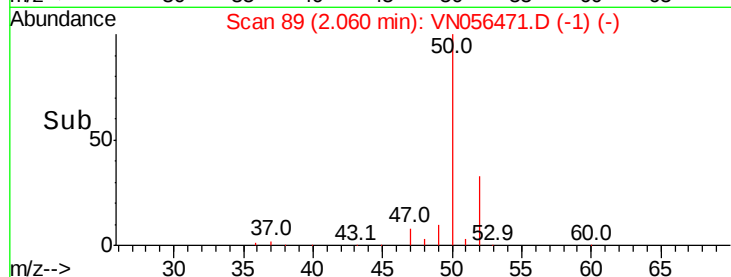
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.410 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056471.D

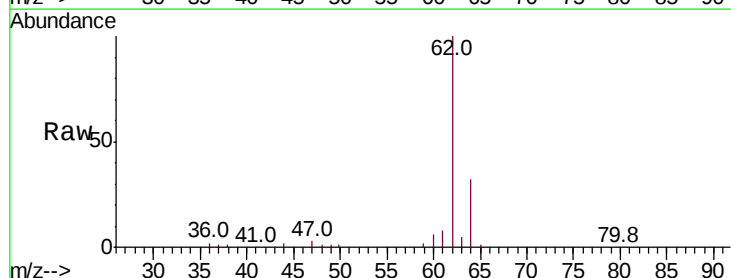
Acq: 25 Jun 2019 9:06

Tgt Ion: 62 Resp: 205436

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

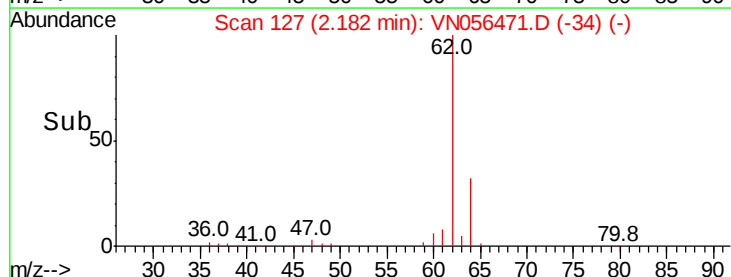
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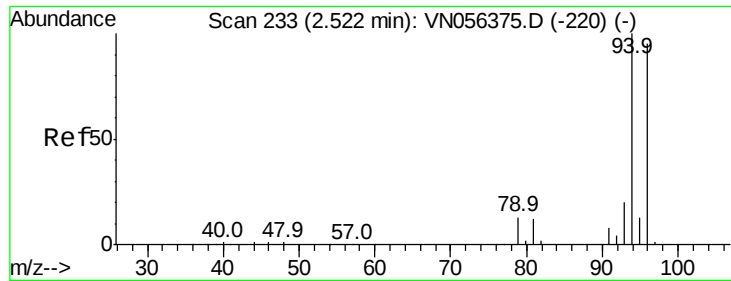
100000

50000

0

Time-->





#5

Bromomethane

Concen: 50.071 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.02 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 129937

Ion Ratio Lower Upper

94 100

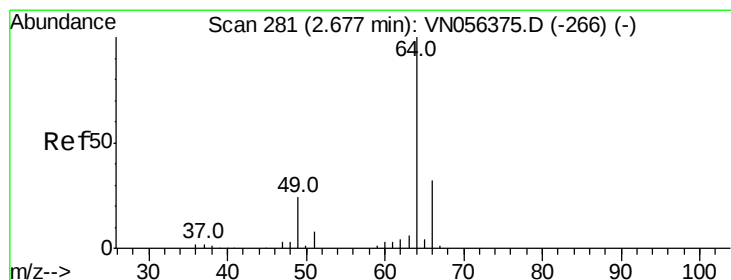
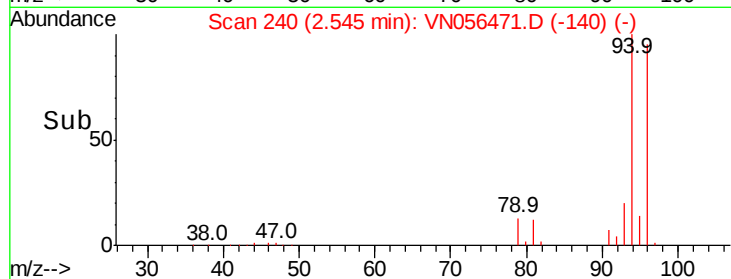
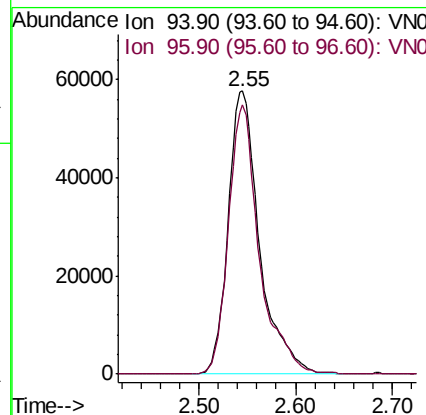
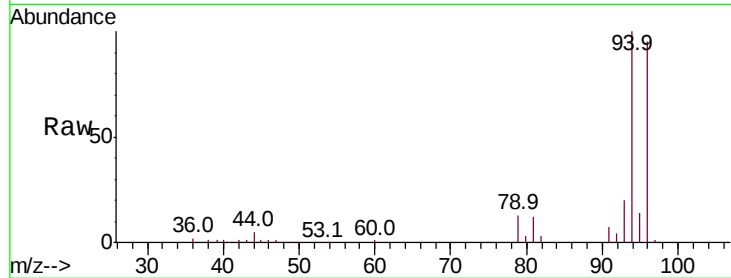
96 95.0 76.0 114.0

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#6

Chloroethane

Concen: 46.703 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN056471.D

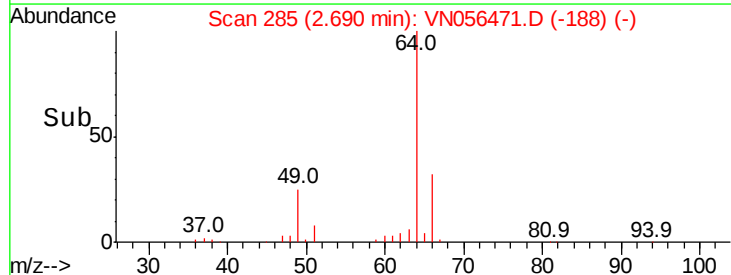
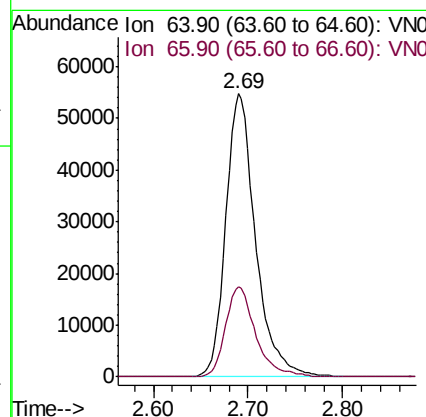
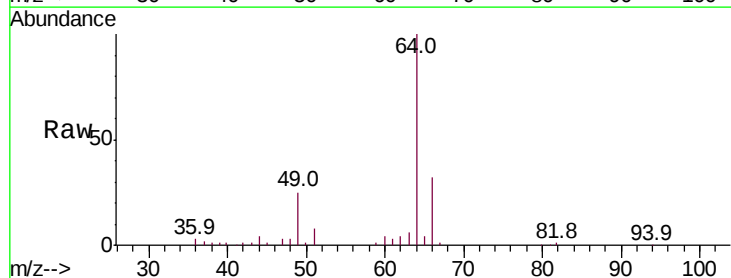
Acq: 25 Jun 2019 9:06

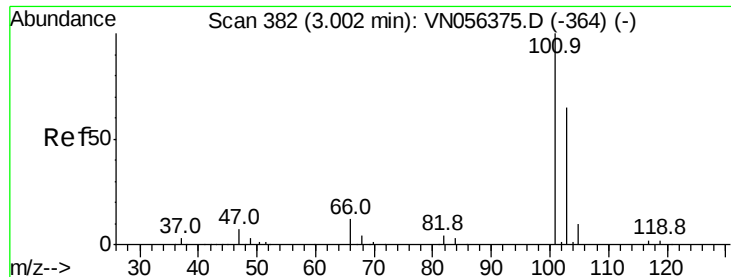
Tgt Ion: 64 Resp: 119723

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.8





#7

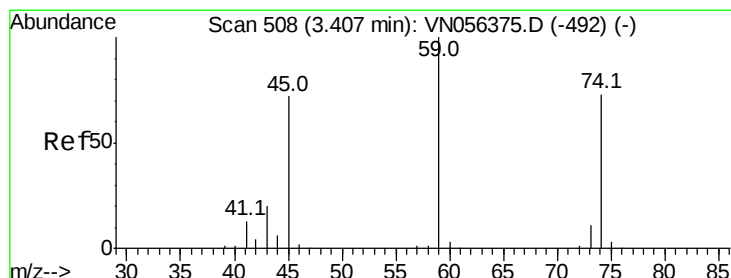
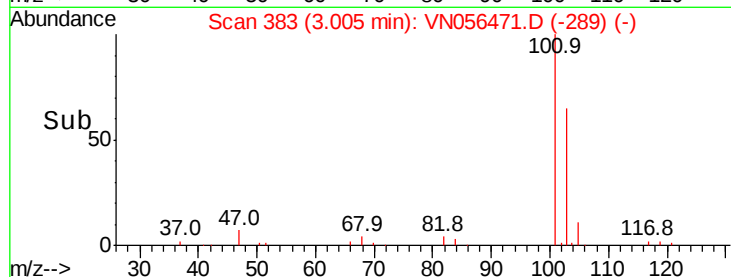
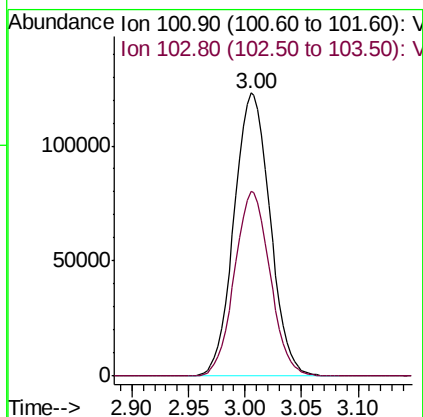
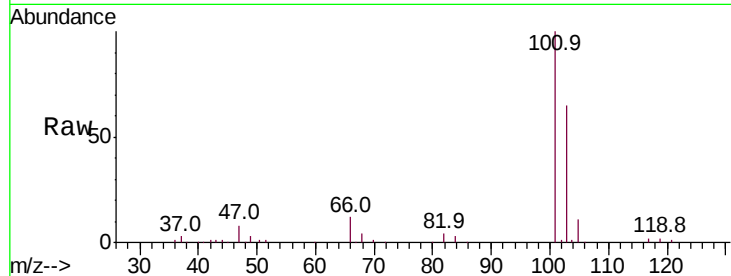
Trichlorofluoromethane
Concen: 47.692 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.7	77.5

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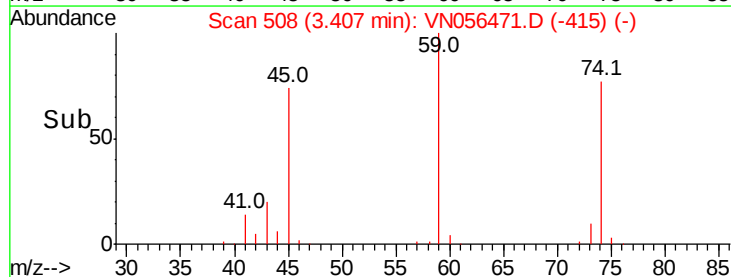
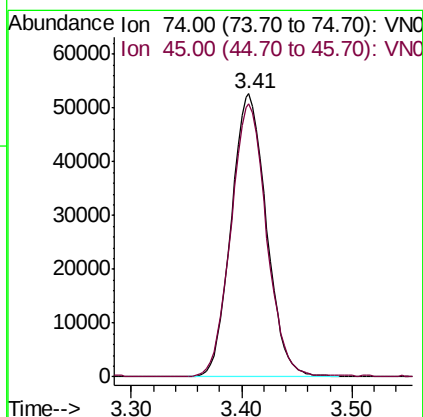
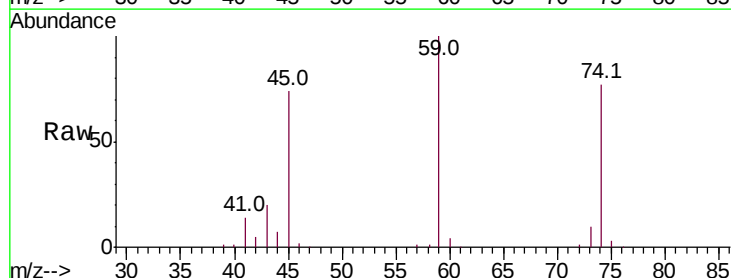
MMDadoda
6/26/2019 9:28:13 AM

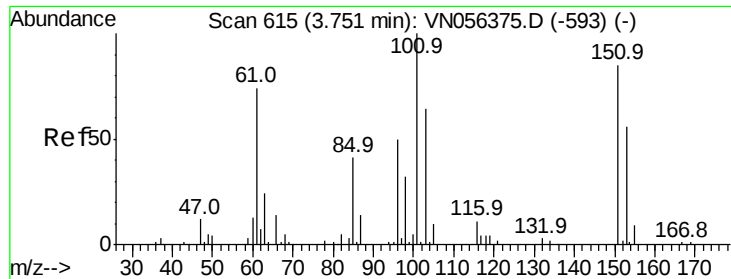


#8

Diethyl Ether
Concen: 48.002 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.9	146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.564 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

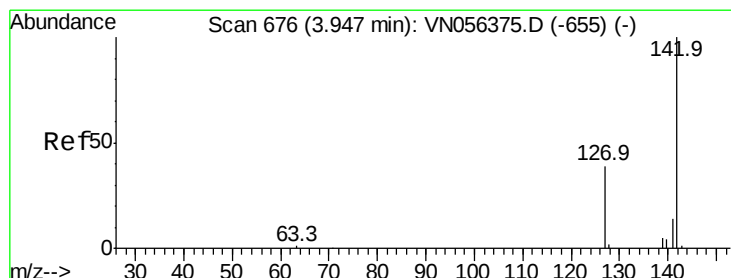
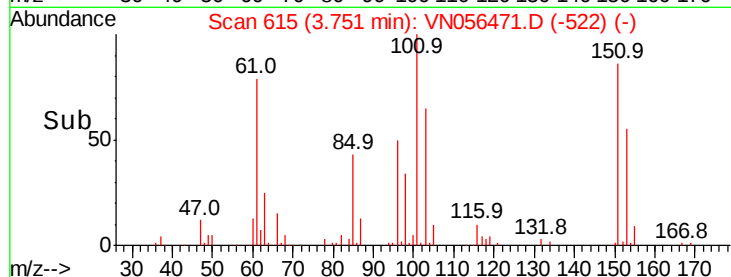
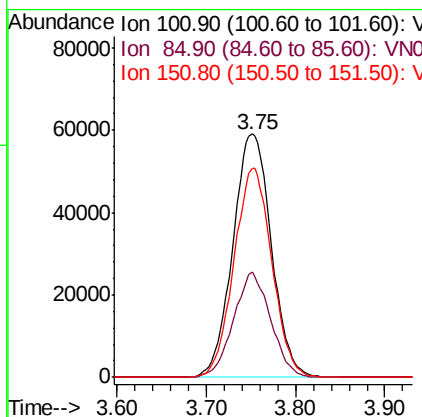
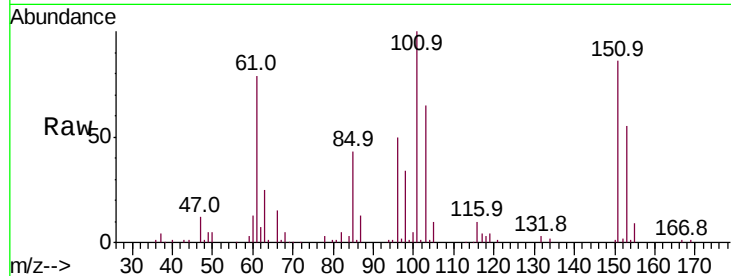
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	177335
Ion Ratio	Lower	Upper	
101	100		
85	41.5	32.7	49.1
151	84.6	66.8	100.2

Manual Integrations
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#10

Methyl Iodide

Concen: 49.575 ug/l

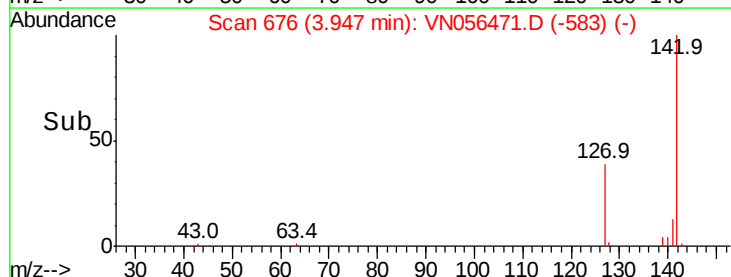
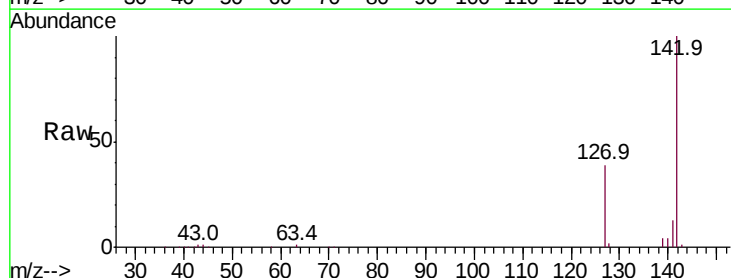
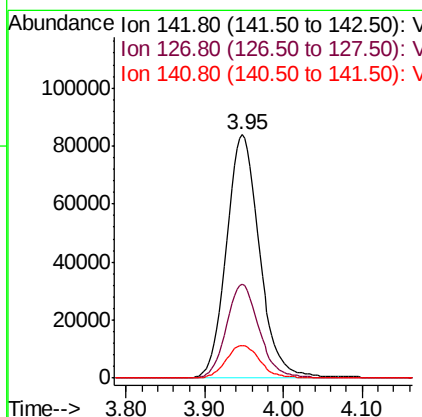
RT: 3.95 min Scan# 676

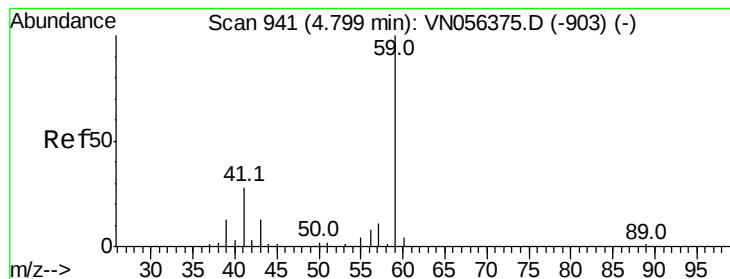
Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Tgt Ion:	142	Resp:	244668
Ion Ratio	Lower	Upper	
142	100		
127	38.3	30.6	46.0
141	13.8	11.4	17.2





#11

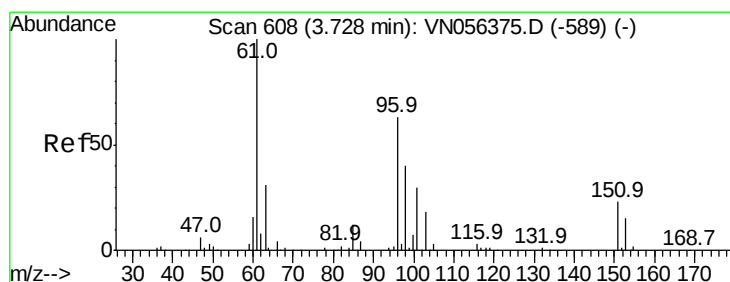
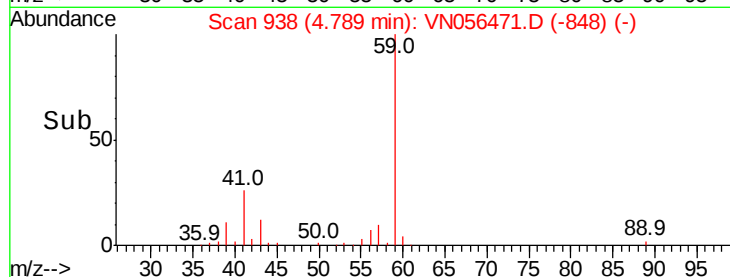
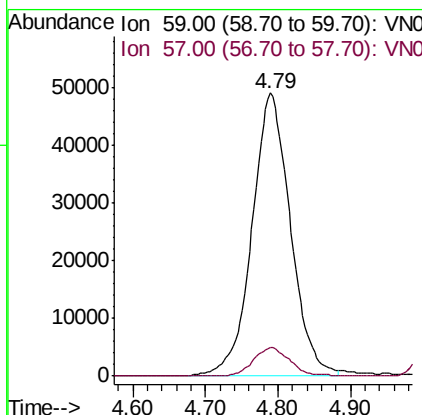
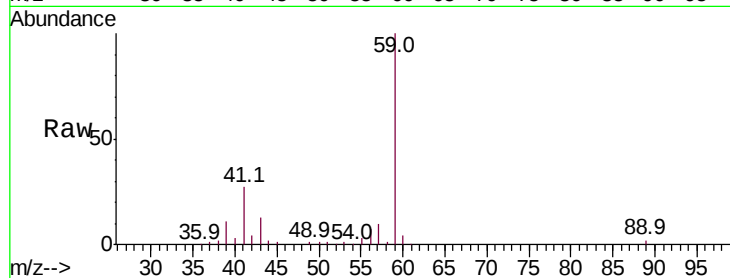
Tert butyl alcohol
 Concen: 244.217 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Ratio	100	Resp	181217
Ion	59	100		Lower	Upper
	57	9.6		7.6	11.4

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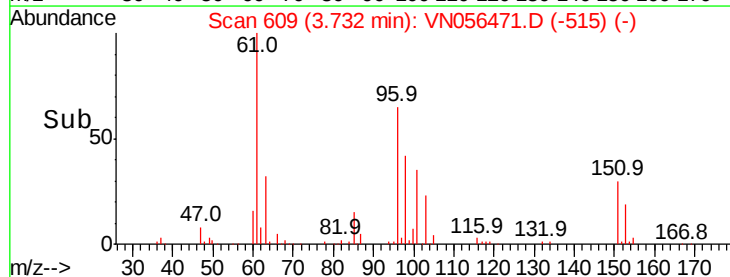
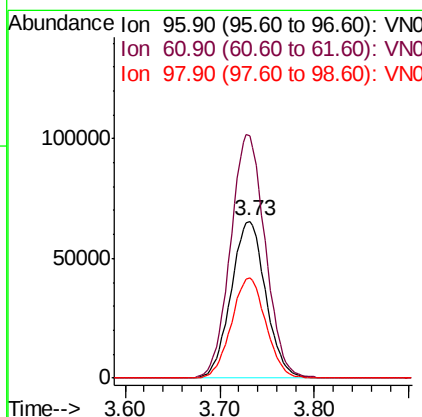
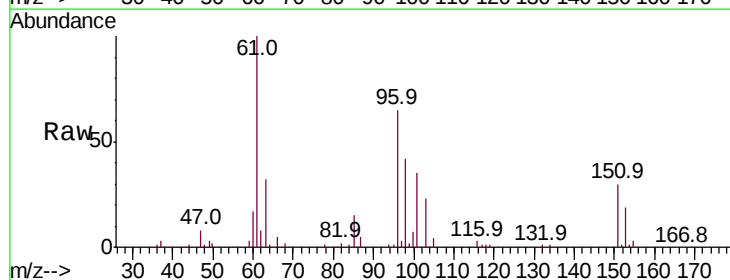
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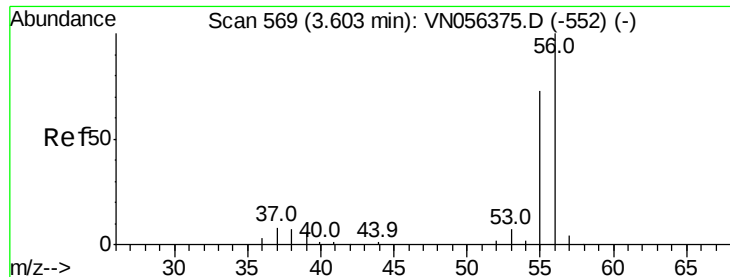


#12

1,1-Dichloroethene
 Concen: 47.455 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion	96	Ratio	100	Resp	166641
Ion	96	100		Lower	Upper
	61	154.2		126.6	190.0
	98	64.2		51.1	76.7





#13

Acrolein

Concen: 231.646 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 144871

Ion Ratio Lower Upper

56 100

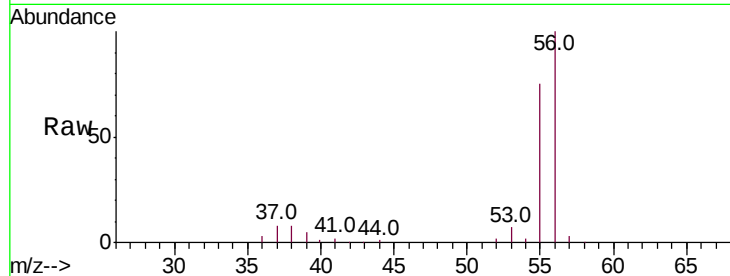
55 71.6 57.1 85.7

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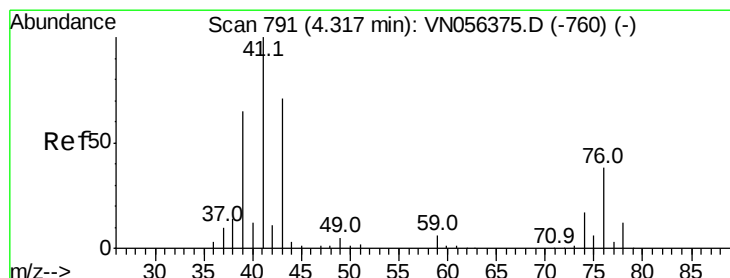
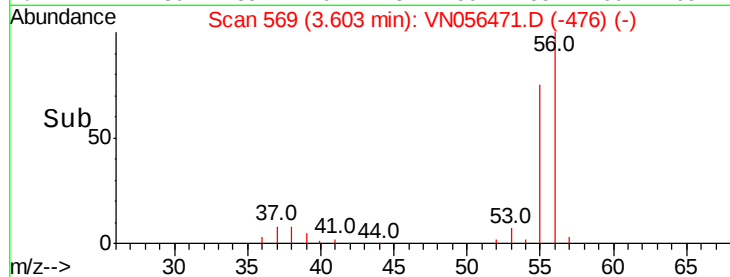
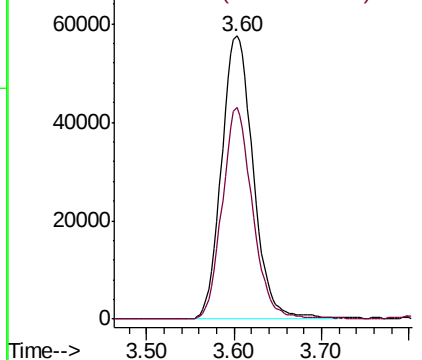
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Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 49.630 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

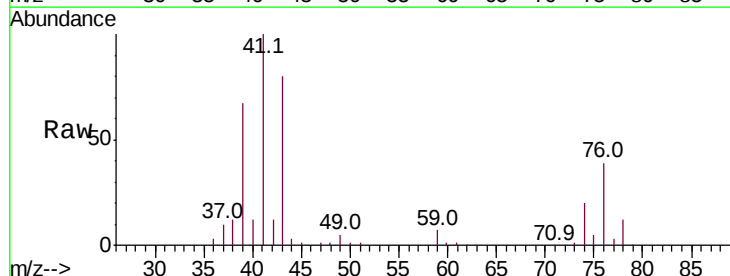
Tgt Ion: 41 Resp: 290111

Ion Ratio Lower Upper

41 100

39 61.3 48.6 73.0

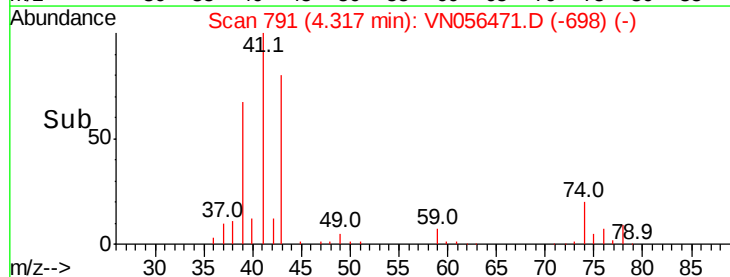
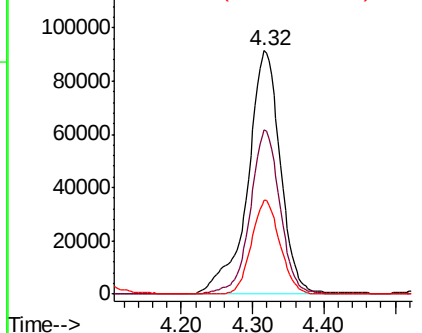
76 33.6 26.6 40.0

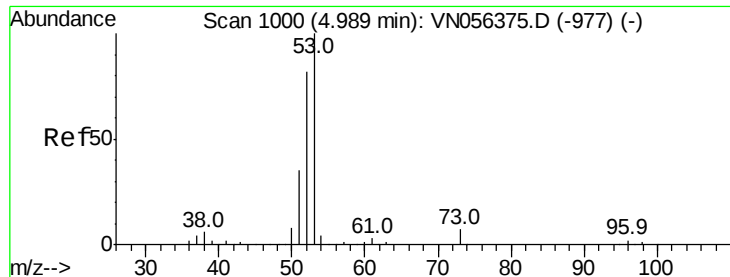


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 254.709 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

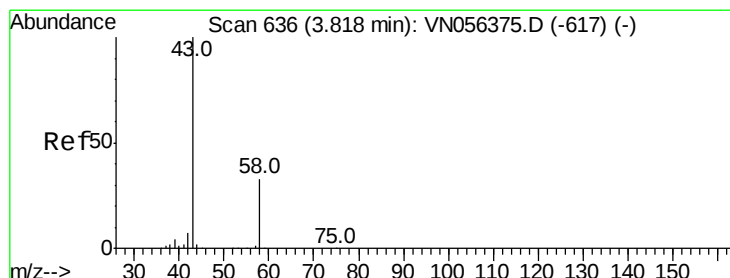
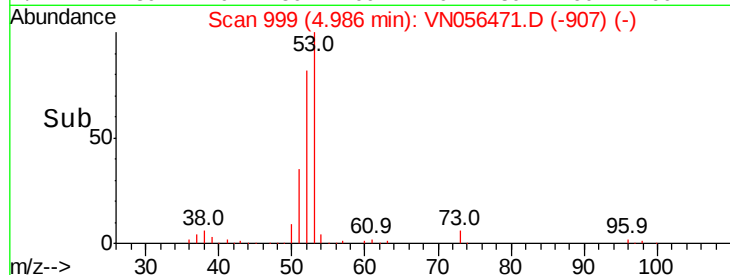
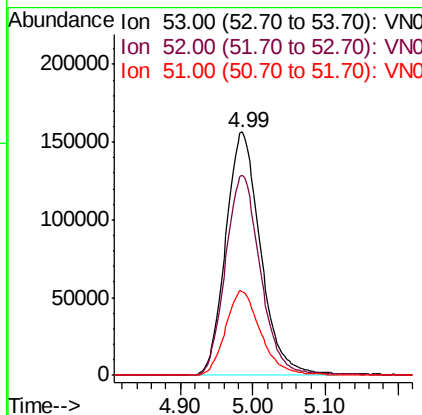
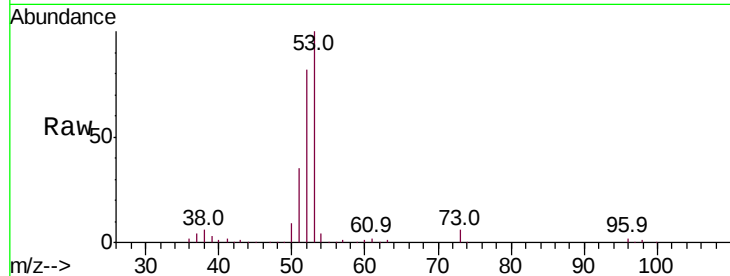
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	522874
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.9	98.9
51	35.2	28.3	42.5

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#16

Acetone

Concen: 266.506 ug/l

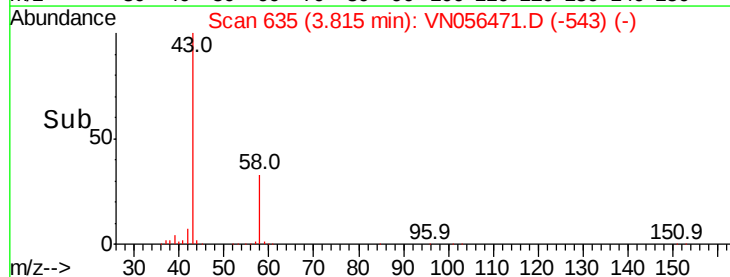
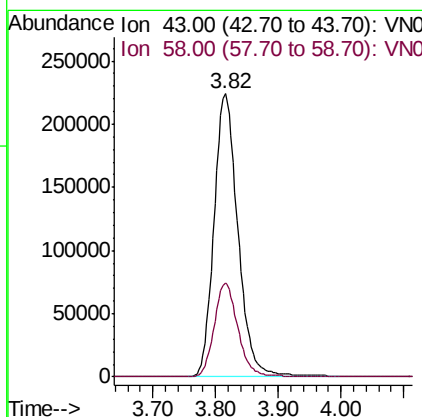
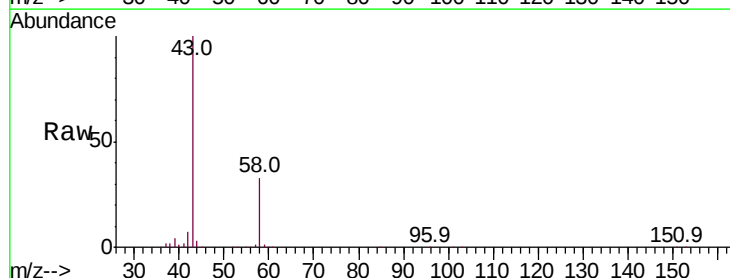
RT: 3.82 min Scan# 635

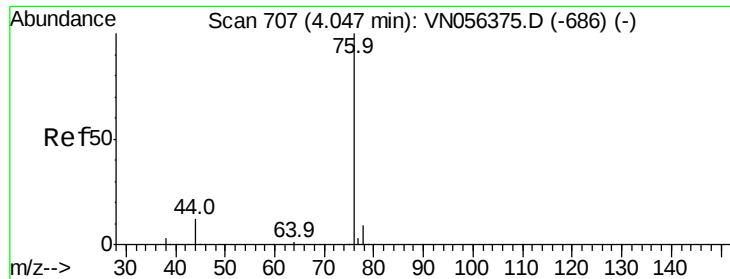
Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Tgt Ion:	43	Resp:	588264
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.4	39.6





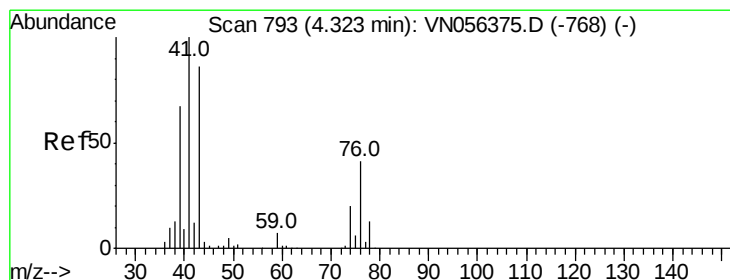
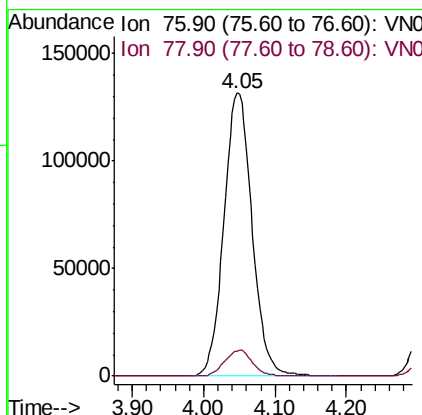
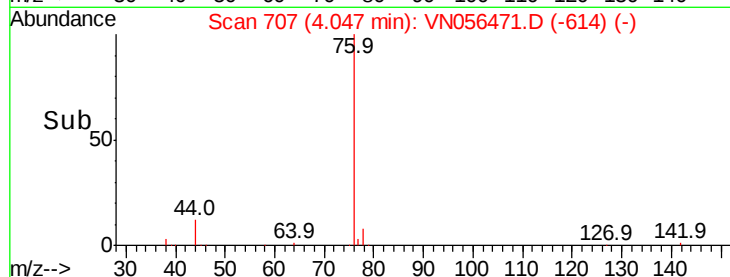
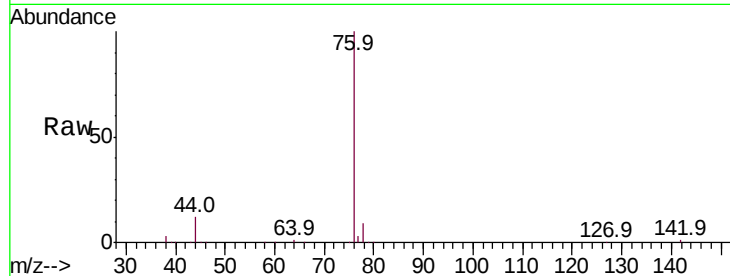
#17
Carbon Disulfide
Concen: 45.372 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

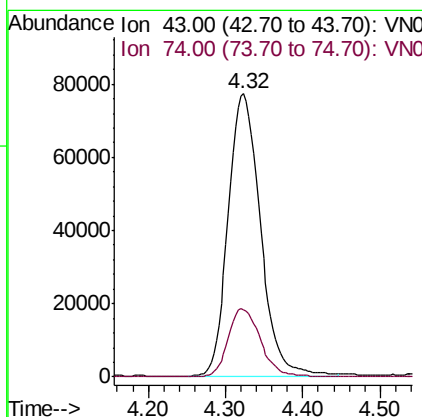
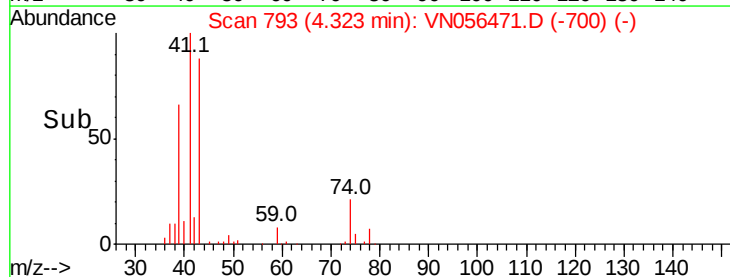
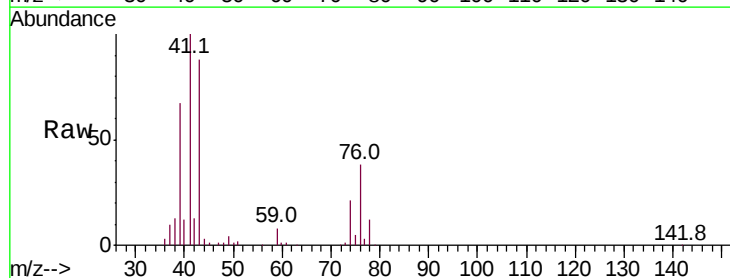
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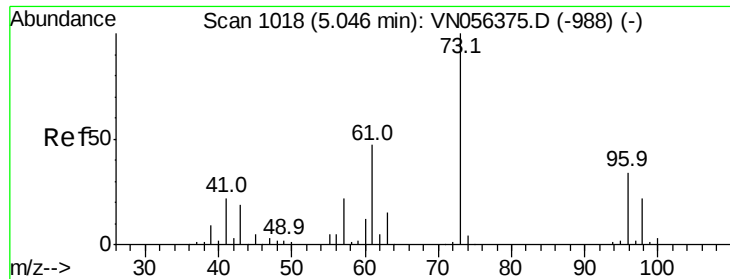
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#18
Methyl Acetate
Concen: 51.670 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.2	28.8





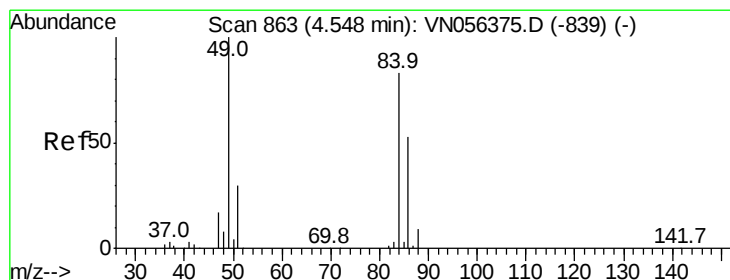
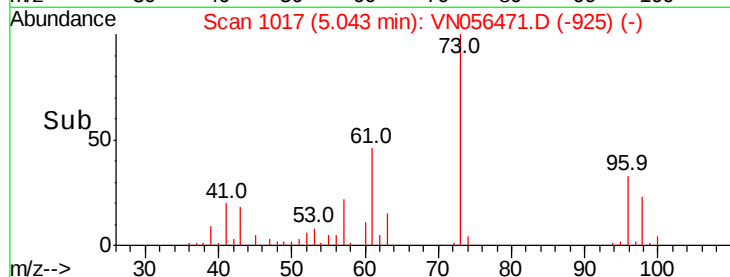
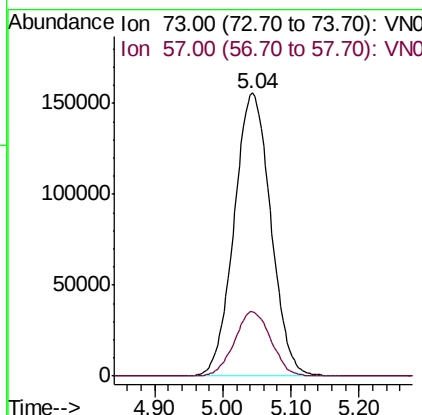
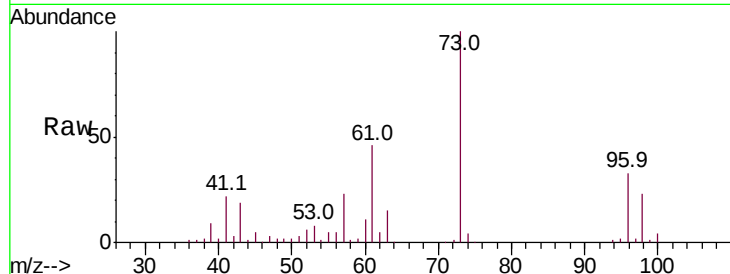
#19
Methvl tert-butvl Ether
Concen: 50.011 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 581108
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

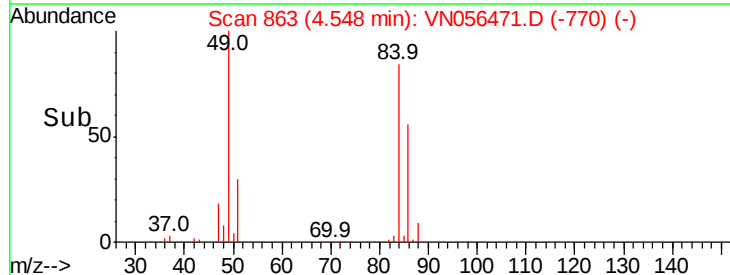
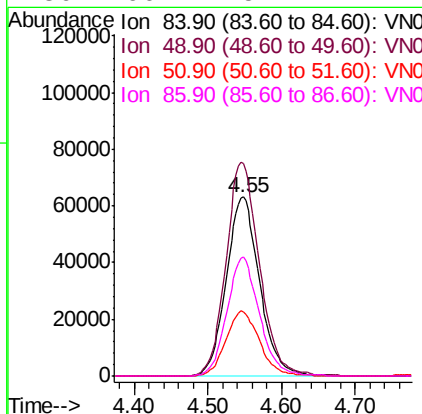
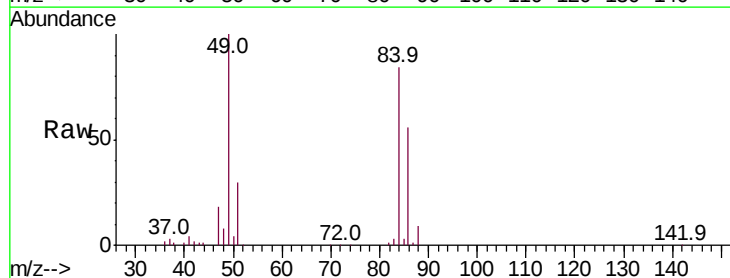
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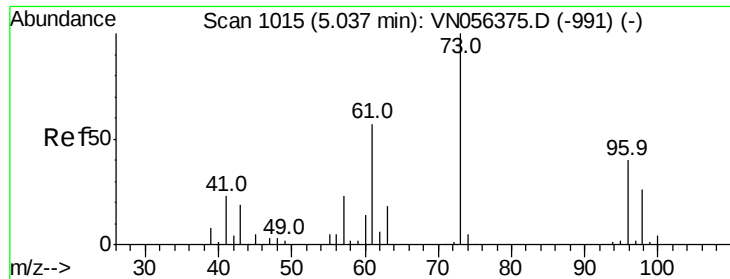
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#20
Methylene Chloride
Concen: 47.628 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 84 Resp: 198360
Ion Ratio Lower Upper
84 100
49 118.4 96.4 144.6
51 35.7 28.6 43.0
86 66.2 51.4 77.2





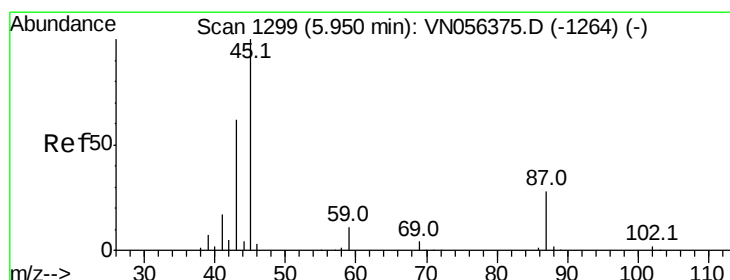
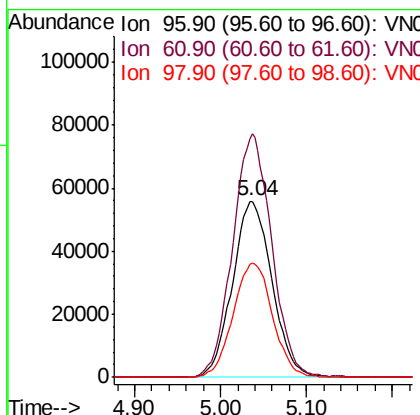
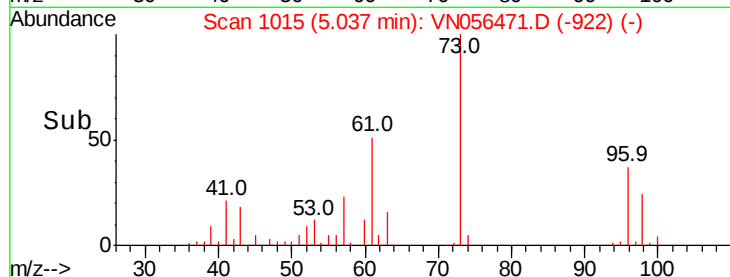
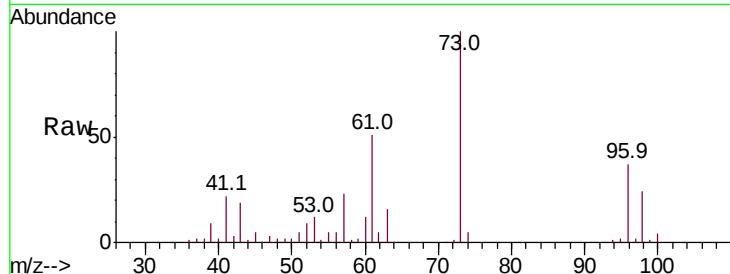
#21
trans-1,2-Dichloroethene
Concen: 46.984 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.5	113.0	169.6
98	65.1	52.2	78.2

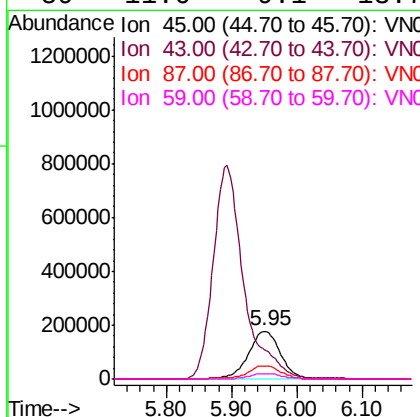
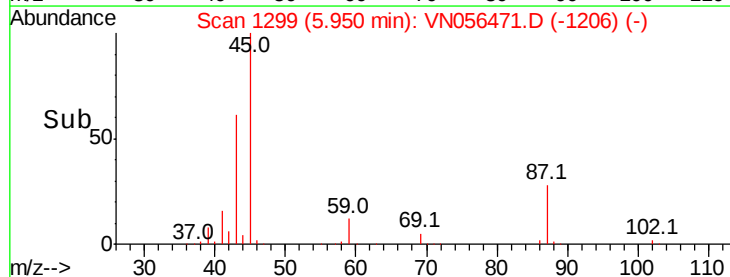
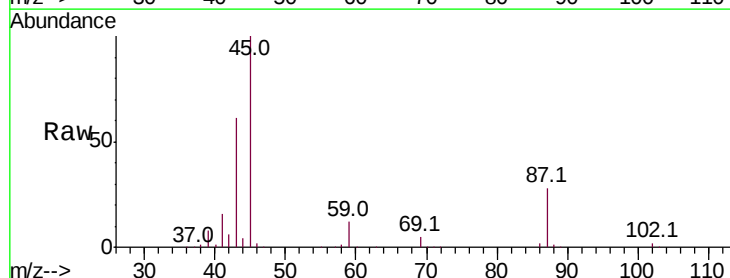
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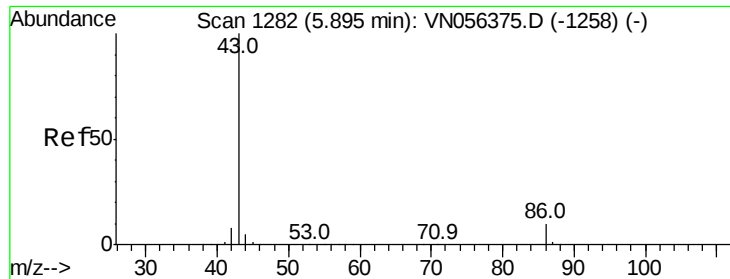
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#22
Diisopropyl ether
Concen: 49.500 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.7	50.4	75.6
87	27.6	23.0	34.4
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 268.428 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2599124

Ion Ratio Lower Upper

43 100

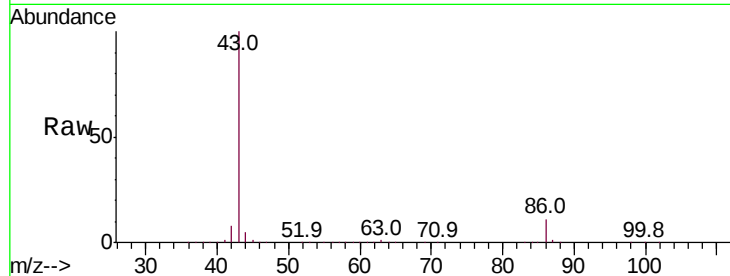
86 10.6 8.3 12.5

Manual Integrations

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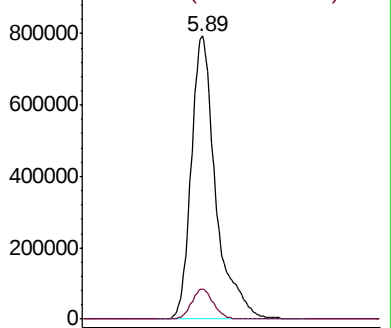
MMDadoda

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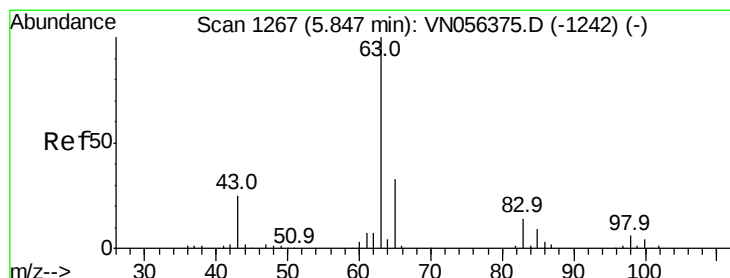
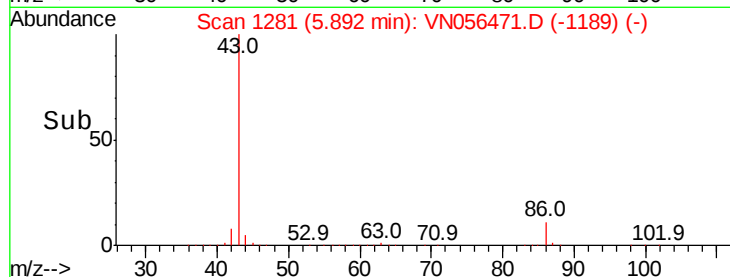


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 48.749 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

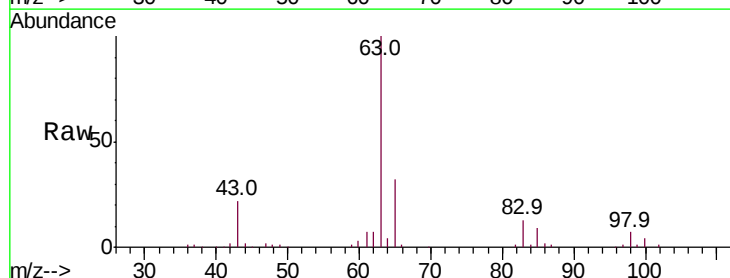
Tgt Ion: 63 Resp: 343532

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

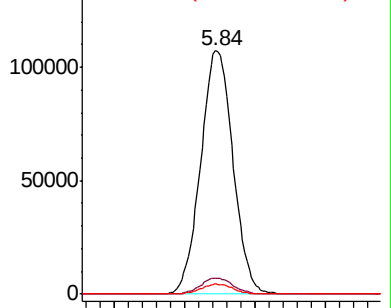
100 4.2 2.1 6.5



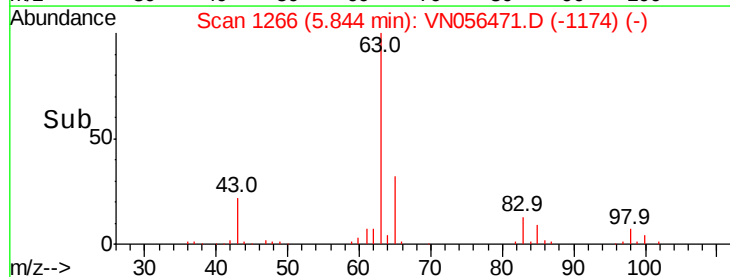
Abundance Ion 62.90 (62.60 to 63.60): VN0

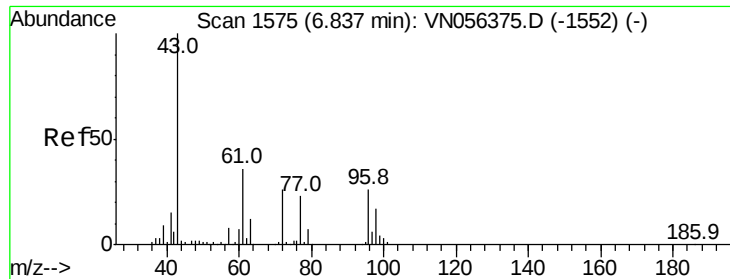
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->





#25

2-Butanone

Concen: 263.508 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 769812

Ion Ratio Lower Upper

43 100

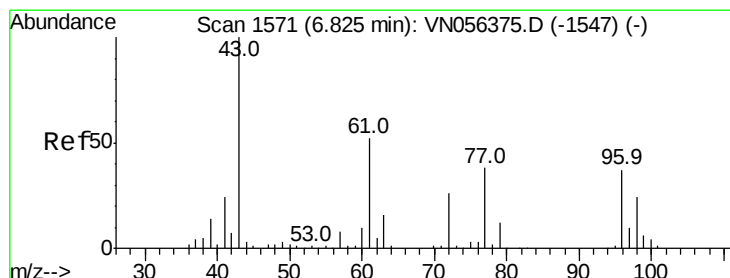
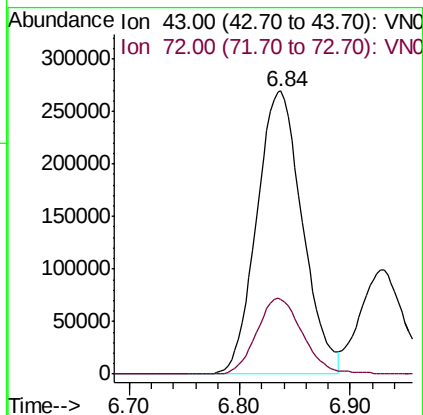
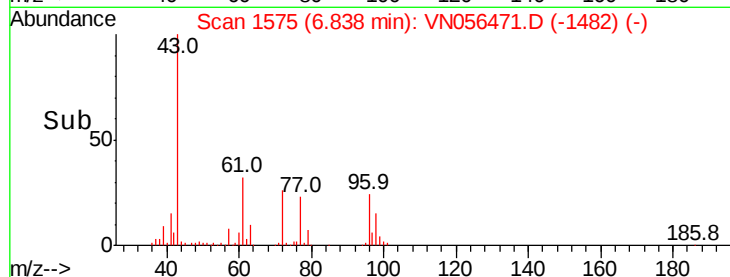
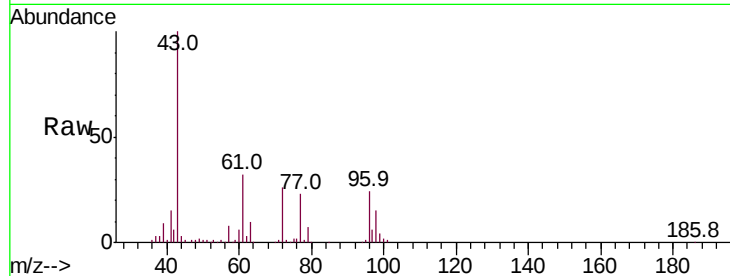
72 26.4 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.336 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056471.D

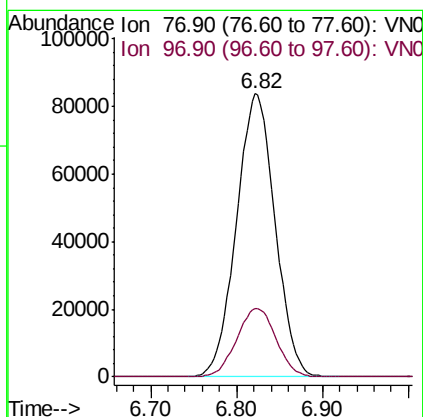
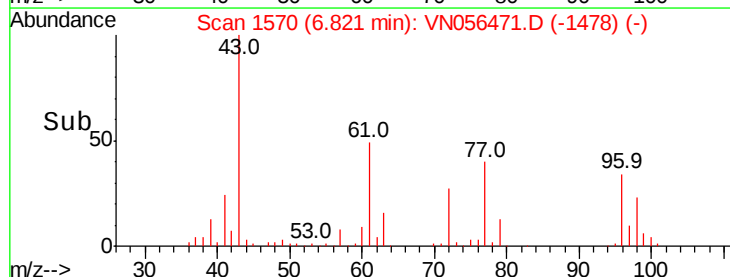
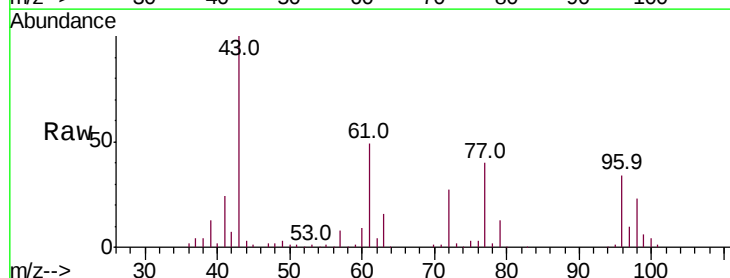
Acq: 25 Jun 2019 9:06

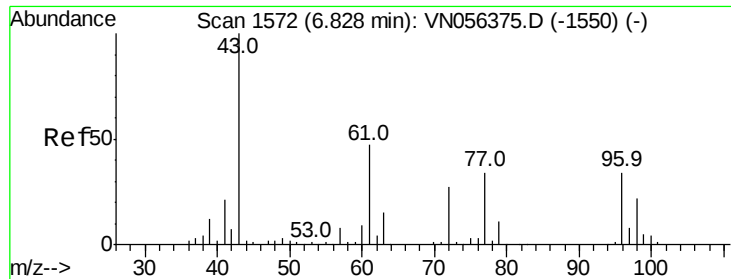
Tgt Ion: 77 Resp: 261412

Ion Ratio Lower Upper

77 100

97 24.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.651 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

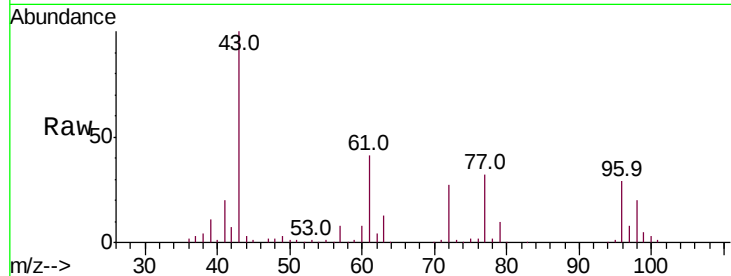
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	215495
Ion Ratio	Lower	Upper	
96	100		
61	141.3	0.0	279.8
98	65.6	0.0	130.0

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Abundance Ion 95.90 (95.60 to 96.60): VN056375.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN056375.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN056375.D (-1550) (-)

6.83

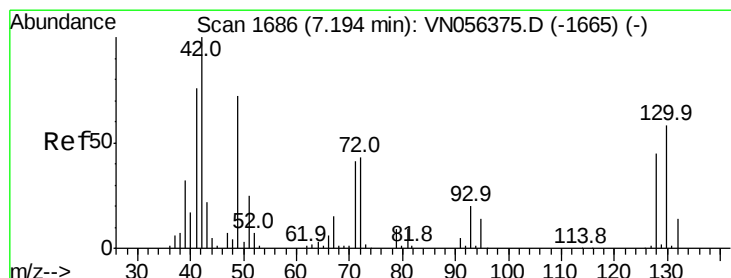
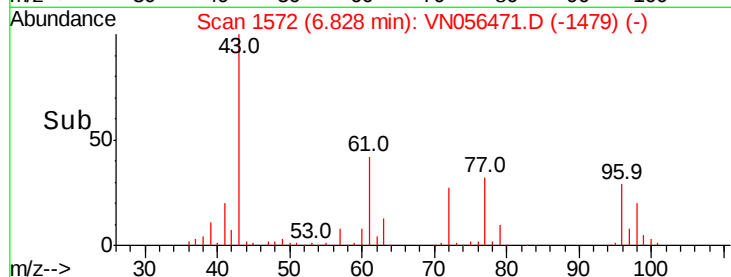
100000

50000

0

6.70 6.80 6.90

Time-->



#28

Bromochloromethane

Concen: 47.352 ug/l

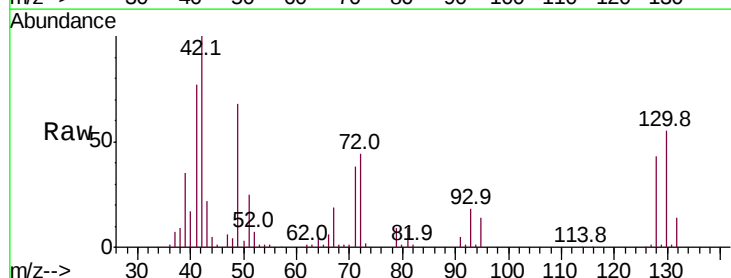
RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Tgt Ion:	49	Resp:	165053
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.2
130	83.2	64.9	97.3



Abundance Ion 48.90 (48.60 to 49.60): VN056375.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN056375.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN056375.D (-1665) (-)

7.19

80000

60000

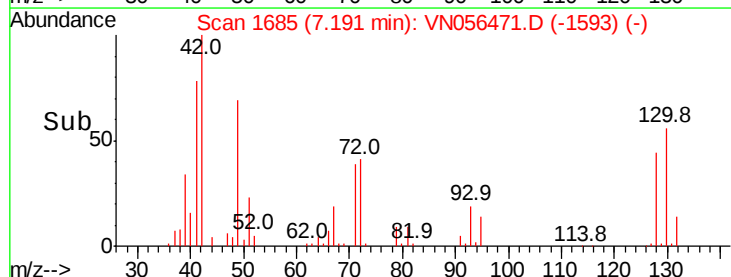
40000

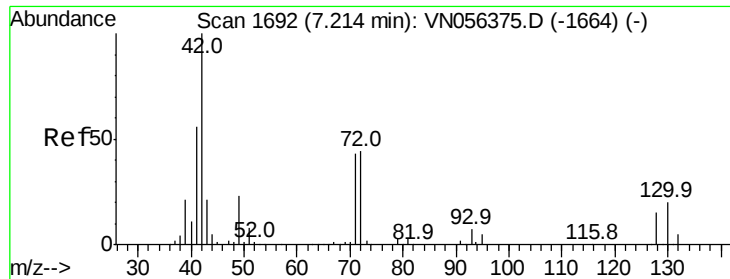
20000

0

7.10 7.20 7.30

Time-->





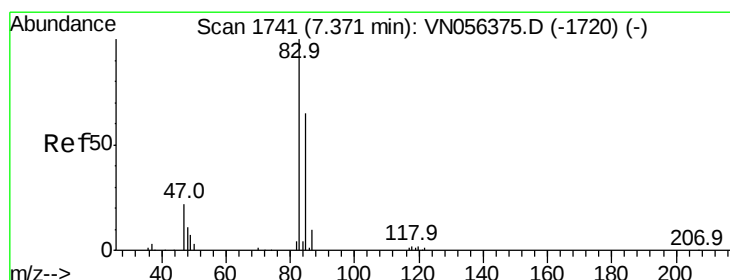
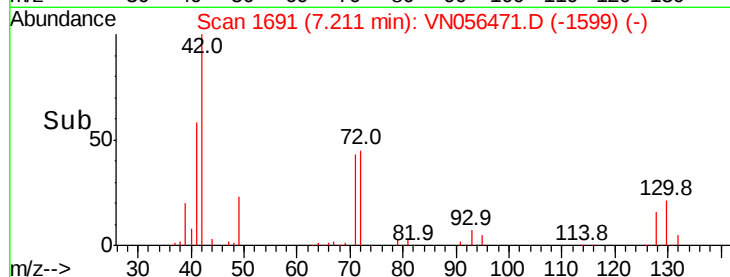
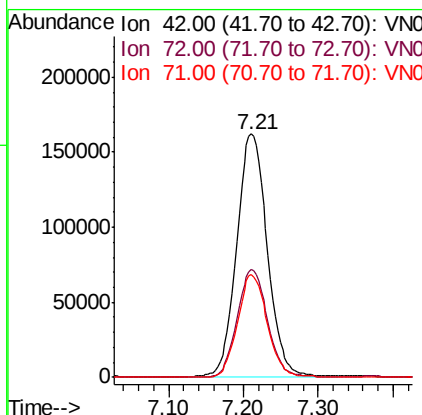
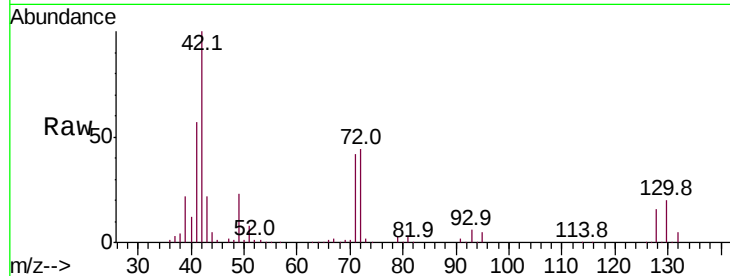
#29
Tetrahydrofuran
Concen: 258.880 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.7	52.1
71	41.0	33.0	49.6

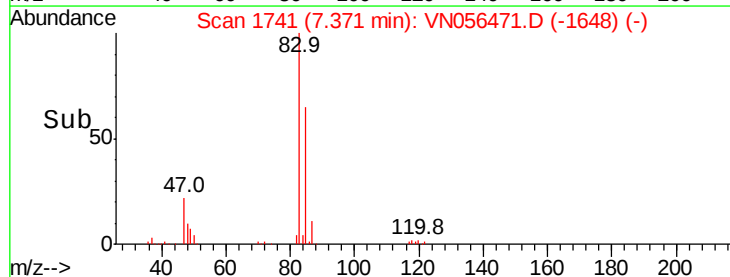
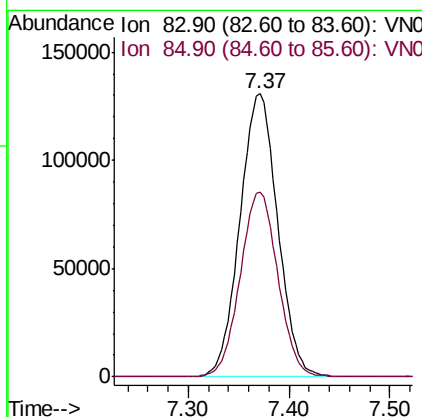
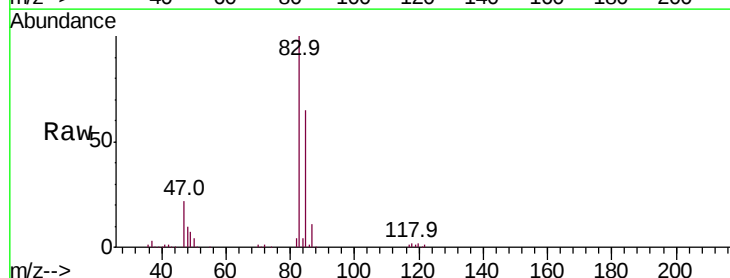
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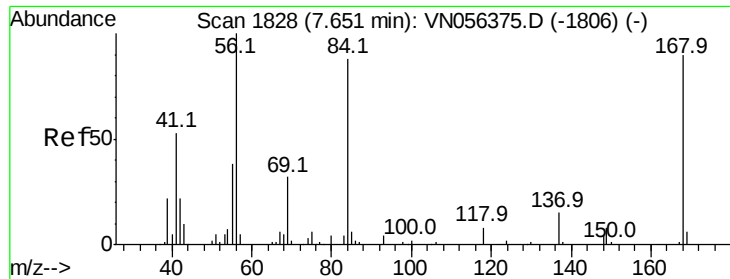
MMDadoda
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#30
Chloroform
Concen: 48.845 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.3	78.5





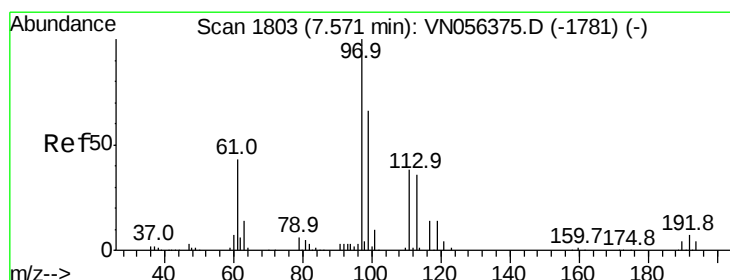
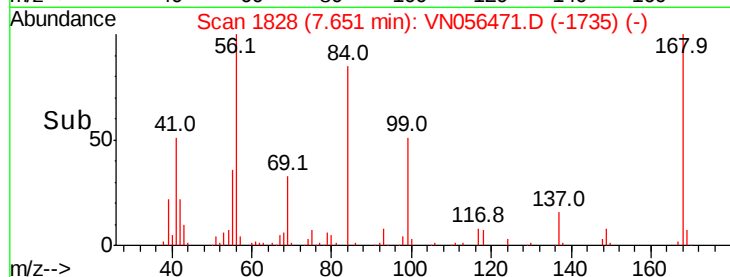
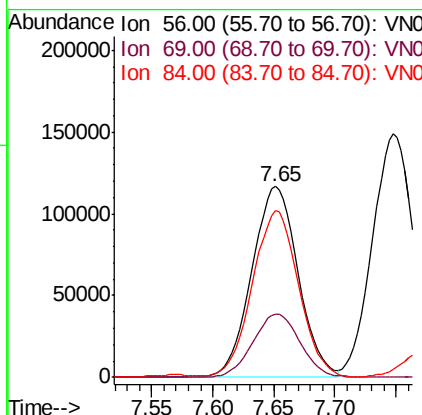
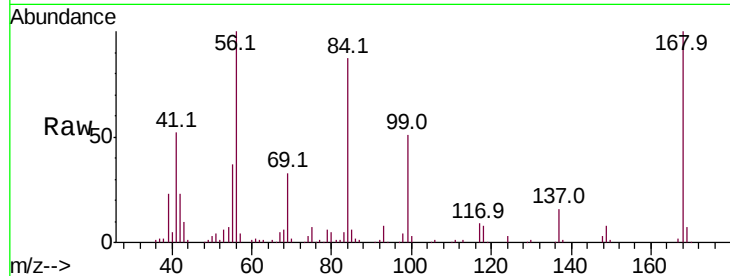
#31
Cyclohexane
Concen: 45.221 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	25.8	38.6
84	86.2	69.4	104.0

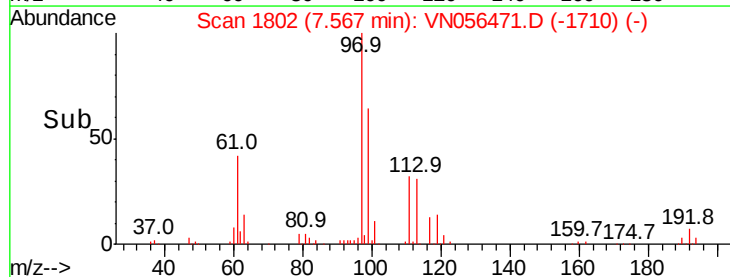
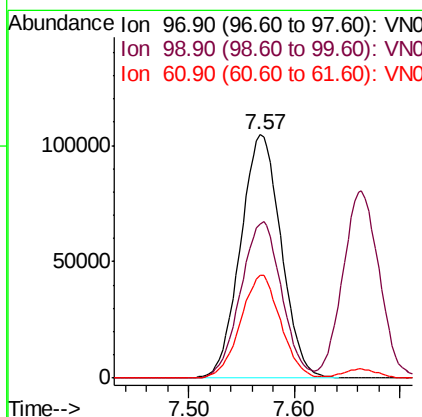
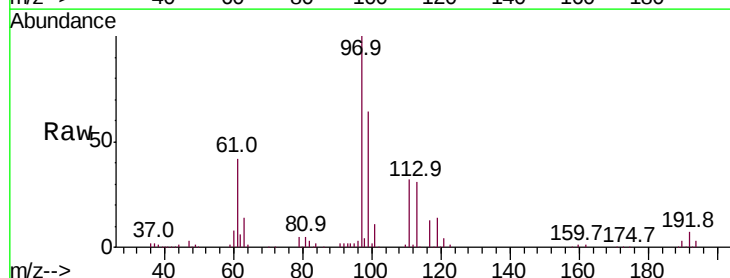
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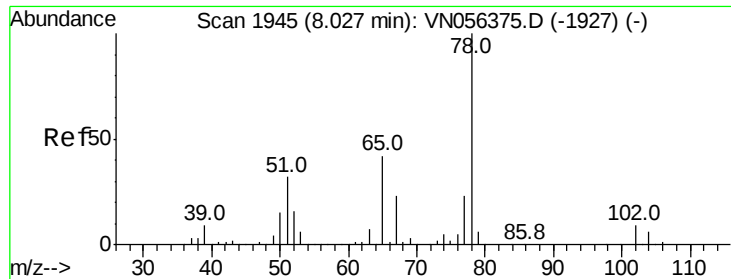
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#32
1,1,1-Trichloroethane
Concen: 50.877 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.6
61	41.6	33.9	50.9





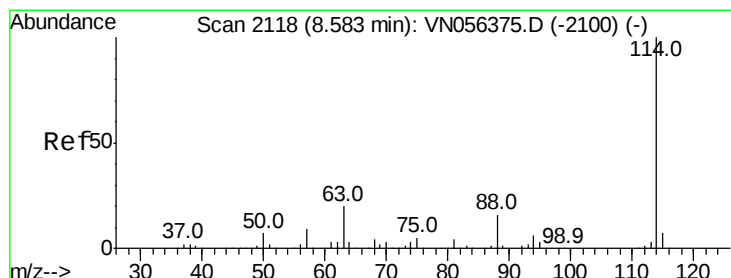
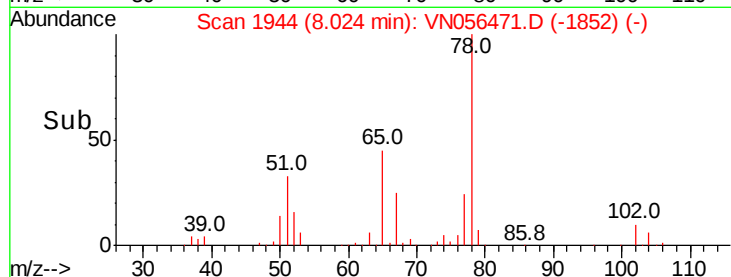
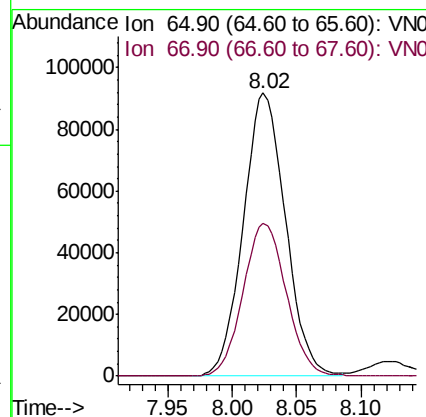
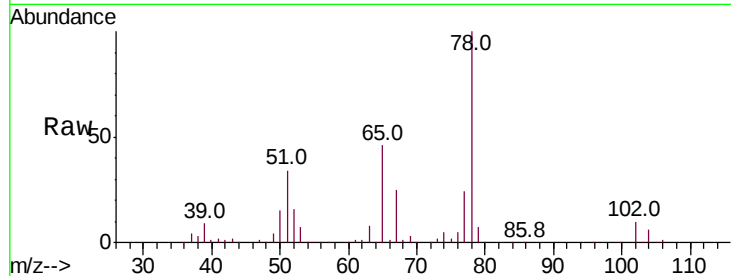
#33
 1,2-Dichloroethane-d4
 Concen: 47.546 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 209471
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.0

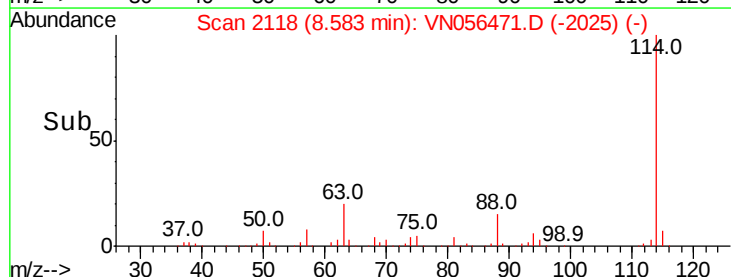
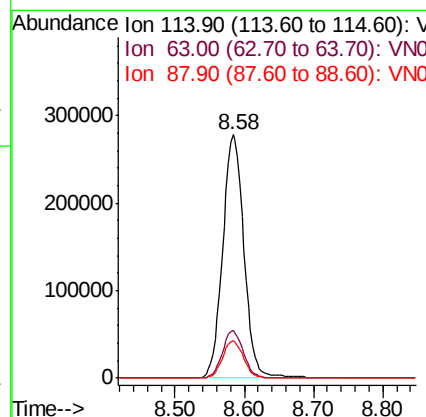
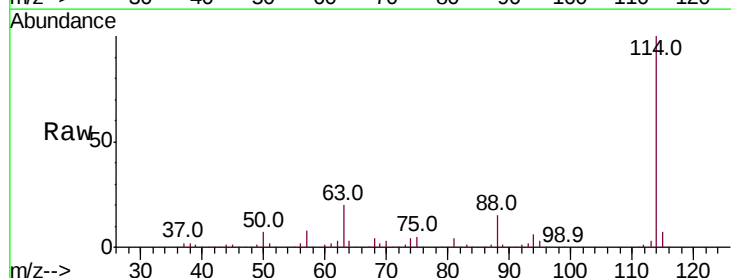
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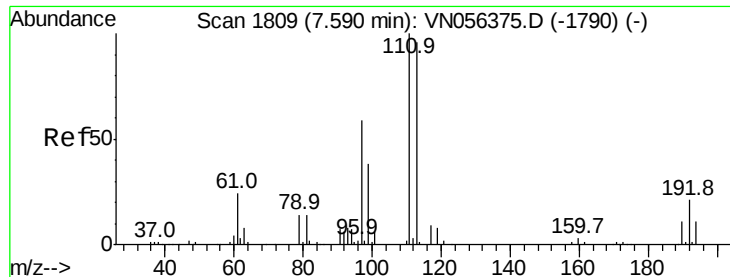
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion: 114 Resp: 592913
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.343 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

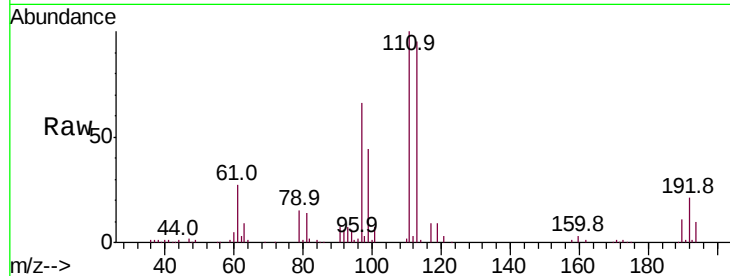
ClientSampleId :

VSTDCCC050

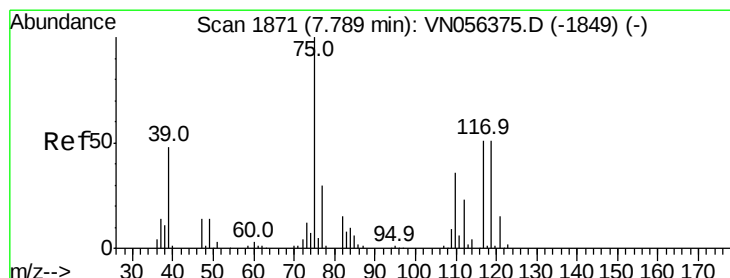
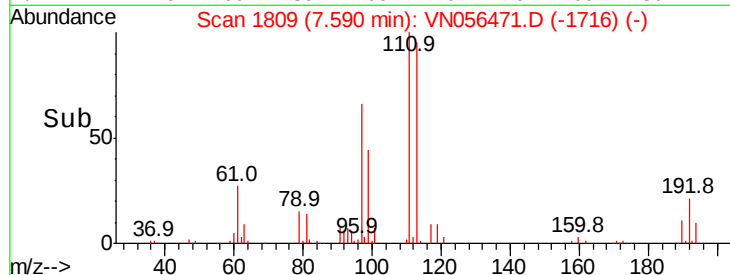
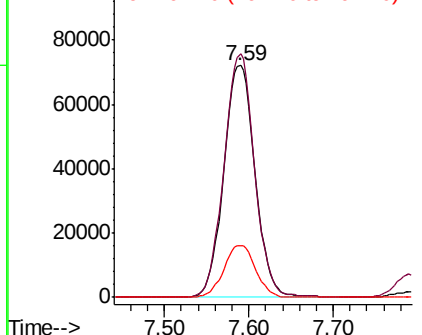
Tot Ion:	113	Resp:	186210
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.9	124.3
192	22.5	17.7	26.5

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.860 ug/l

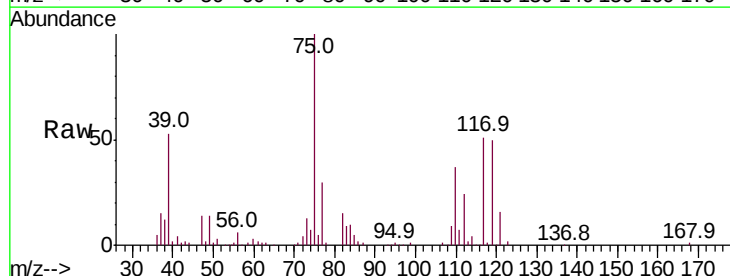
RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

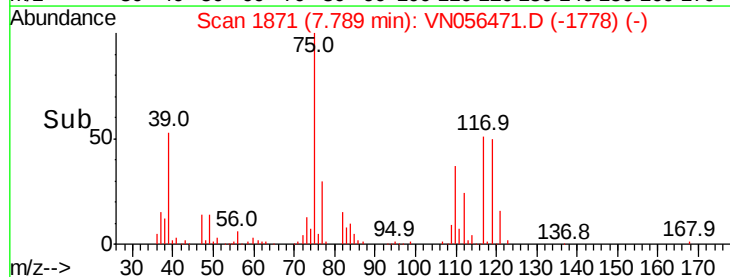
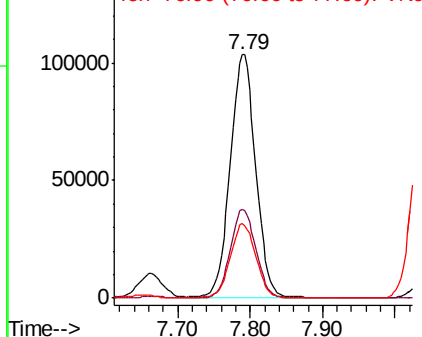
Lab File: VN056471.D

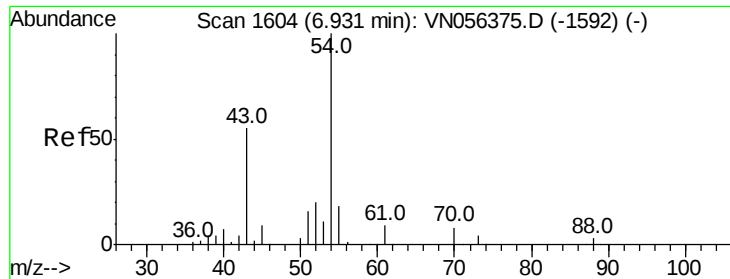
Acq: 25 Jun 2019 9:06

Tgt Ion:	75	Resp:	254988
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.3
77	30.6	24.6	36.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





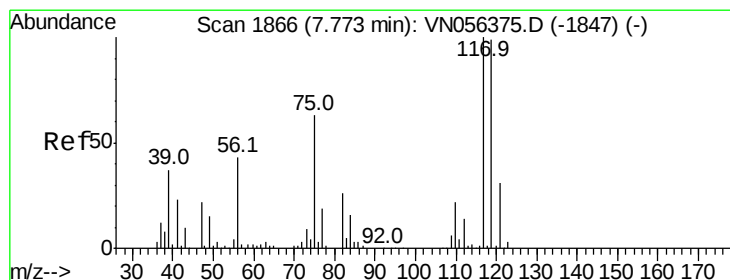
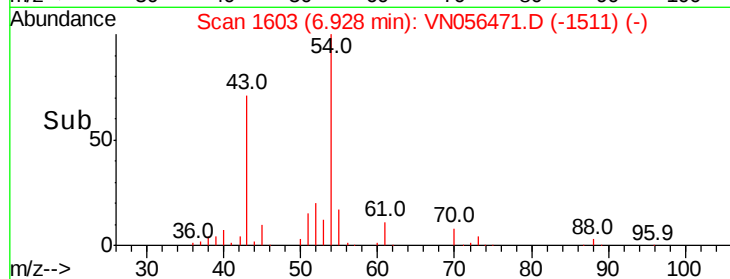
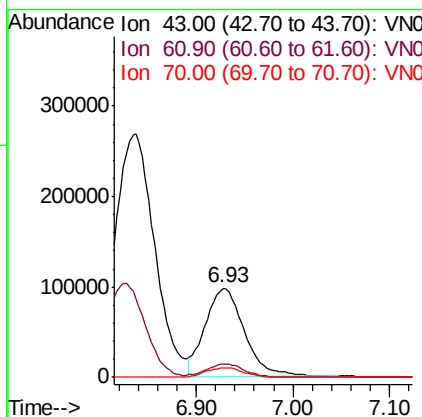
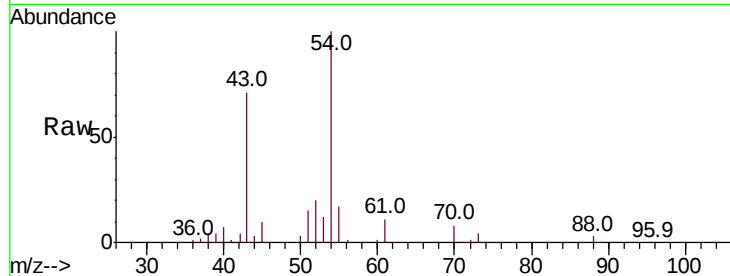
#37
Ethyl Acetate
Concen: 53.805 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.1	16.7
70	10.3	8.3	12.5

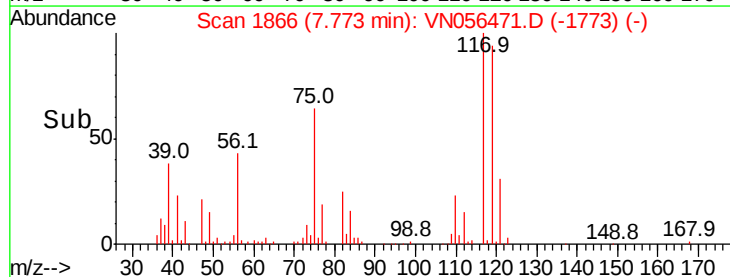
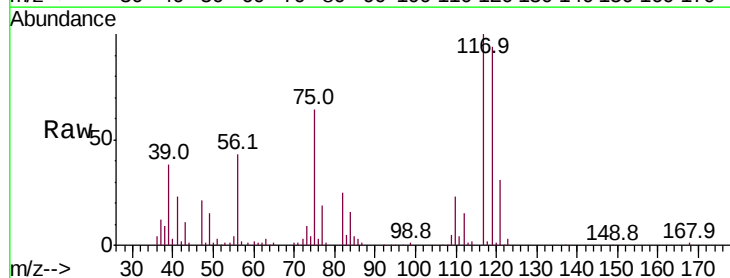
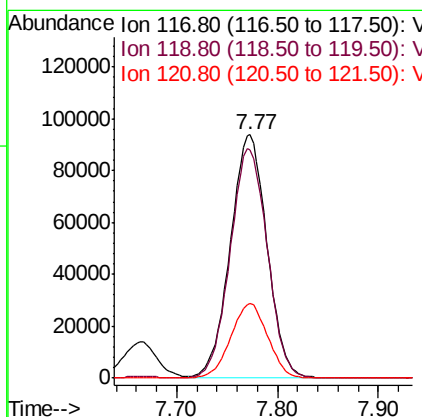
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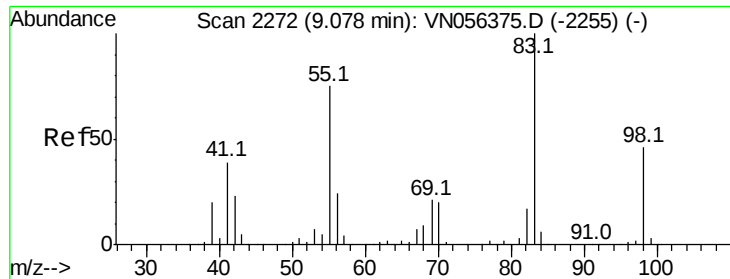
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#38
Carbon Tetrachloride
Concen: 51.737 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	79.1	118.7
121	30.8	24.8	37.2





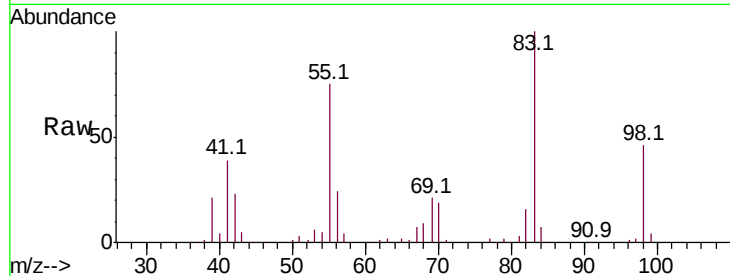
#39
Methvlcvclohexane
Concen: 49.291 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

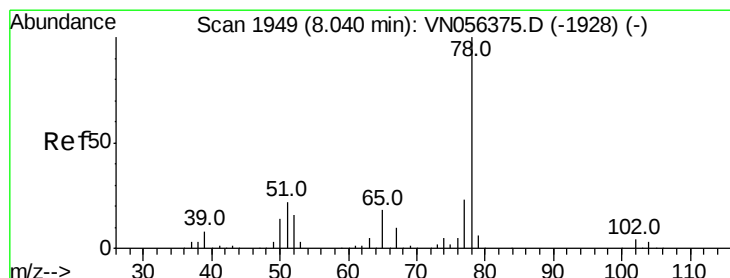
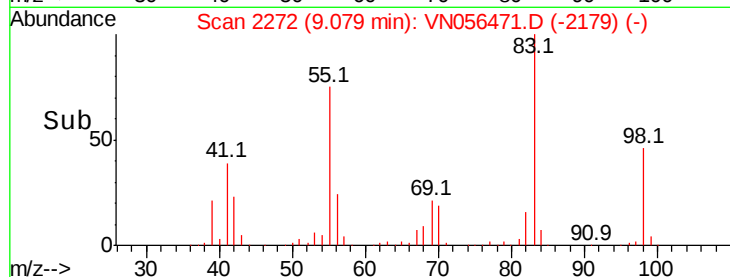
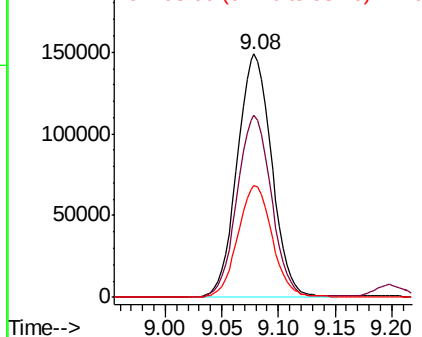
Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	74.9	60.0	90.0	
98	45.9	36.6	54.8	

Manual Integrations
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6/26/2019 9:28:13 AM

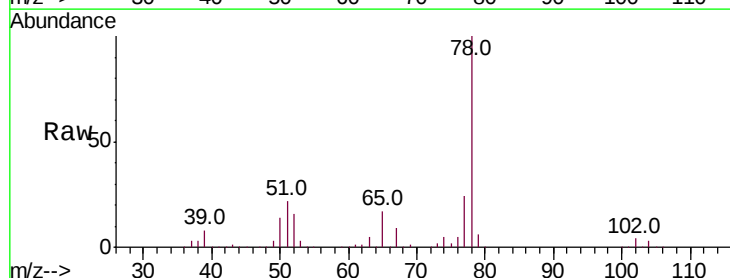


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

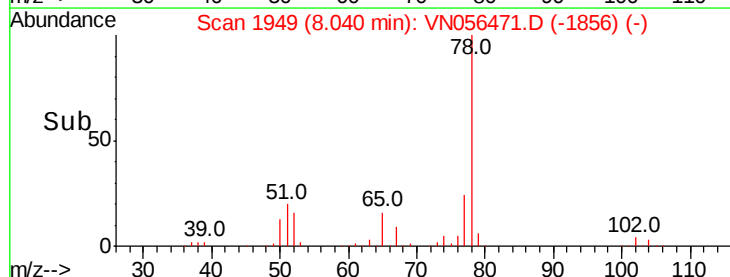
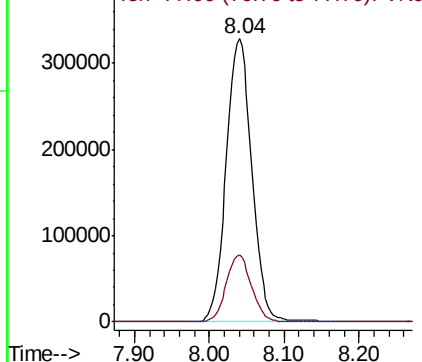


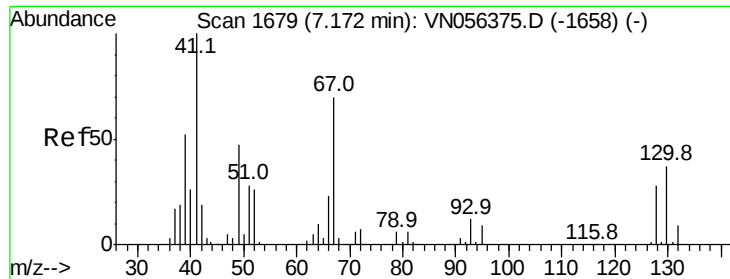
#40
Benzene
Concen: 48.817 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	18.3	27.5	



Abundance Ion 78.00 (77.70 to 78.70): VNO
Ion 77.00 (76.70 to 77.70): VNO





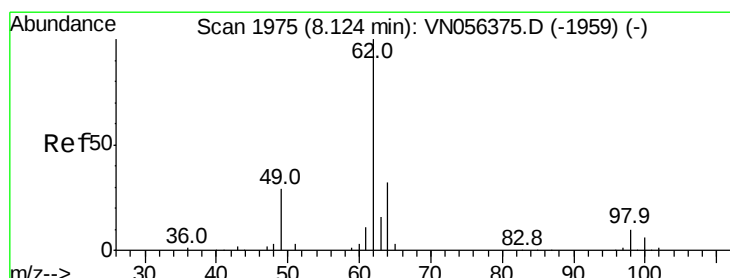
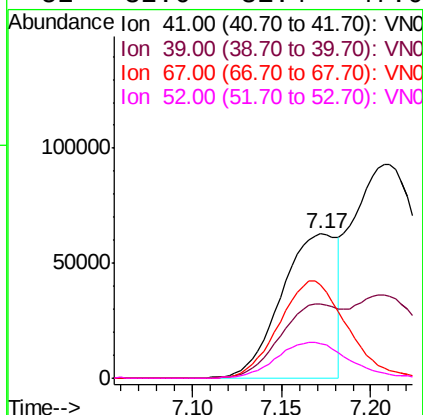
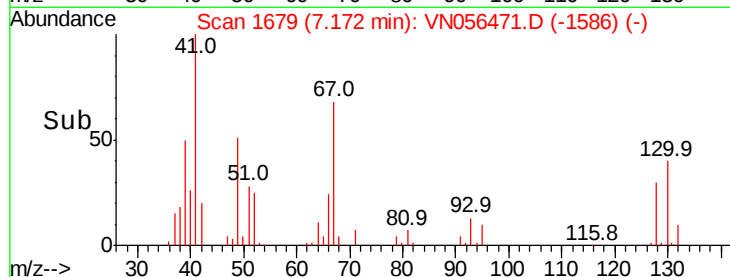
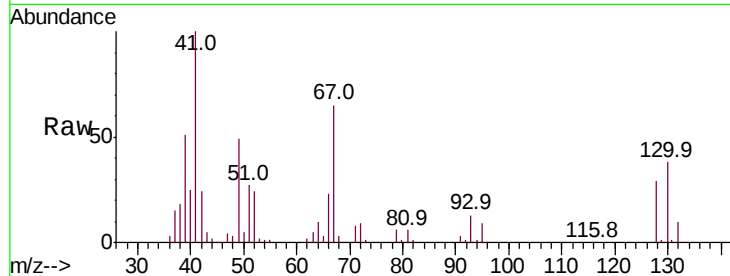
#41
Methacrylonitrile
Concen: 60.521 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.9	55.3	82.9
67	82.5	79.2	118.8
52	32.6	31.4	47.0

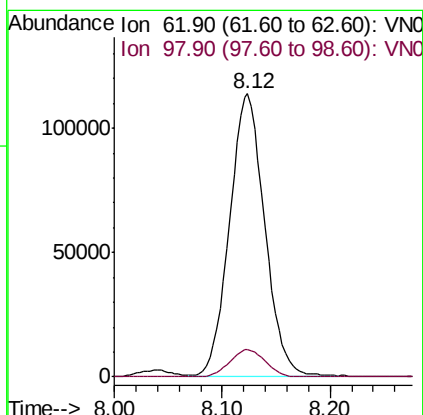
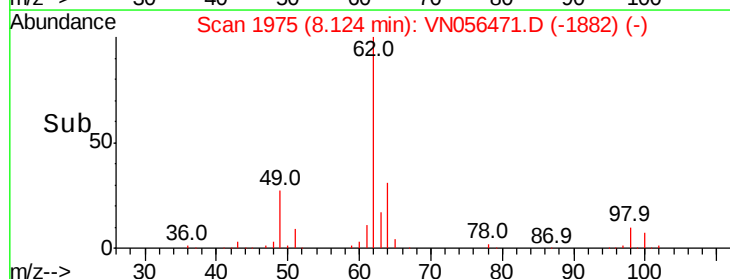
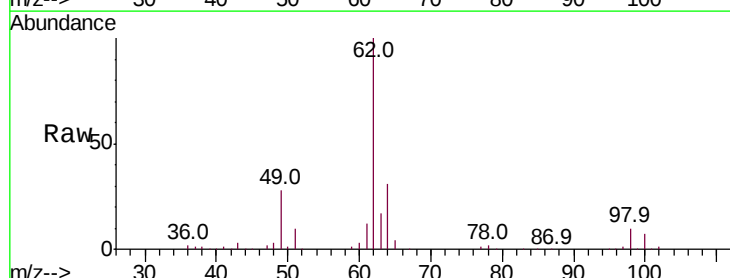
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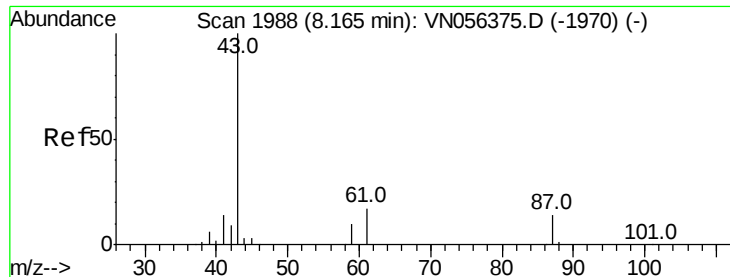
MMDadoda
6/26/2019 9:28:13 AM



#42
1,2-Dichloroethane
Concen: 48.561 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





#43

Isopropyl Acetate

Concen: 55.430 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

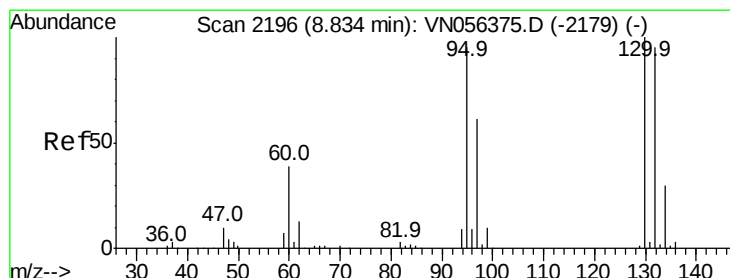
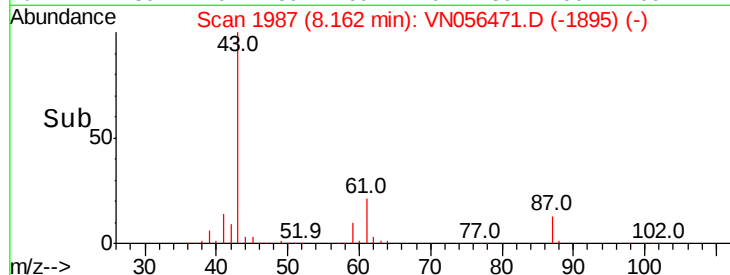
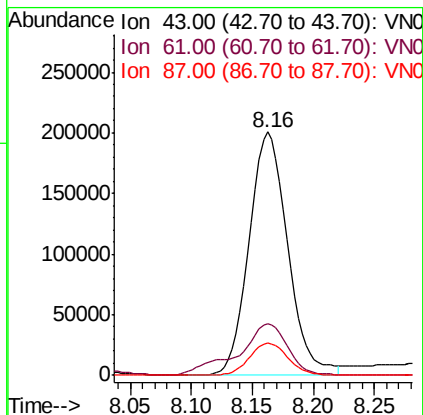
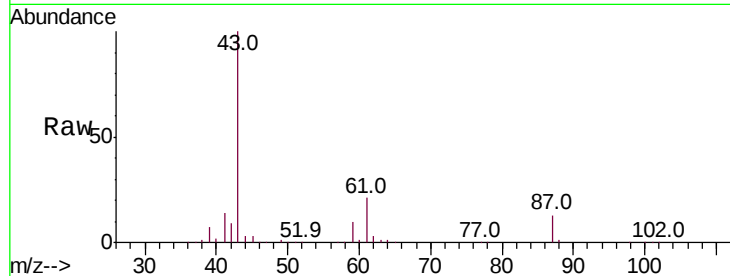
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	438356
Ion	Ratio	Lower	Upper
43	100		
61	26.8	22.0	33.0
87	13.4	11.0	16.4

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#44

Trichloroethene

Concen: 49.345 ug/l

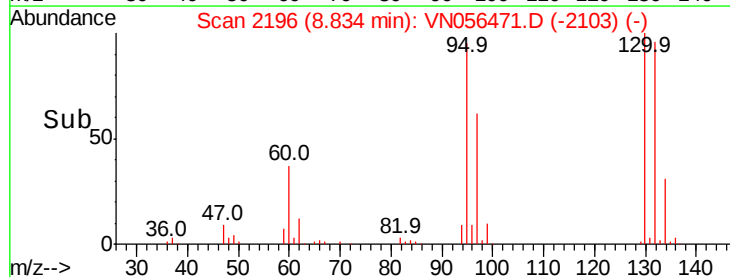
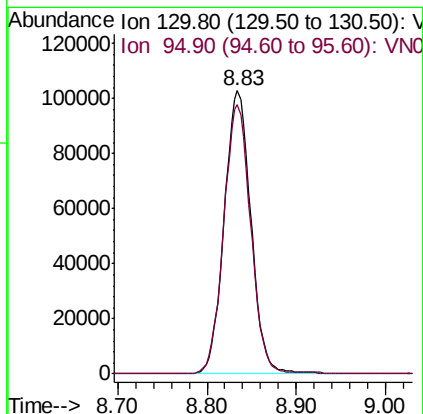
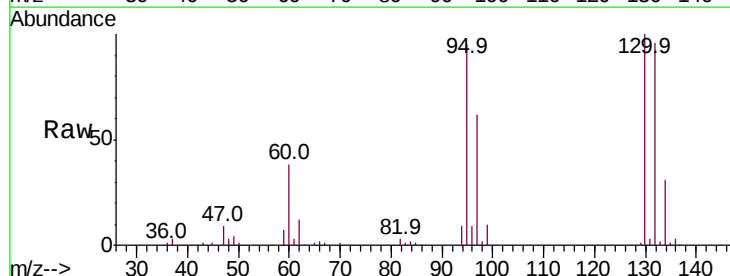
RT: 8.83 min Scan# 2196

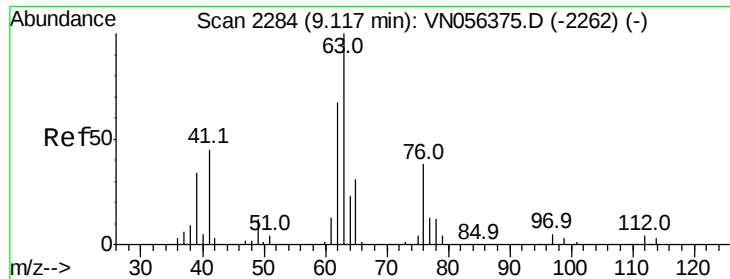
Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Tgt Ion:	130	Resp:	213379
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	191.0





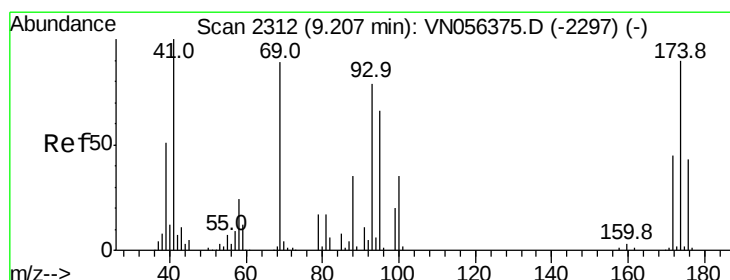
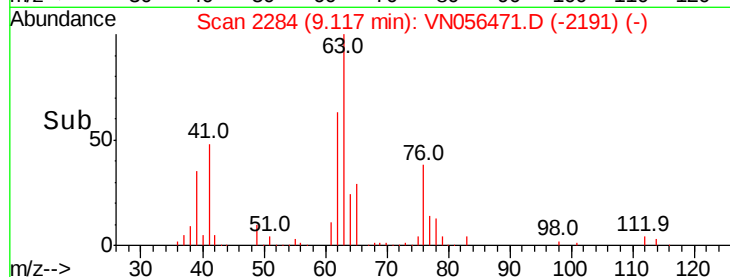
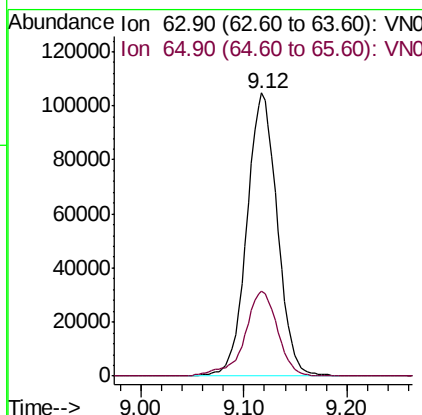
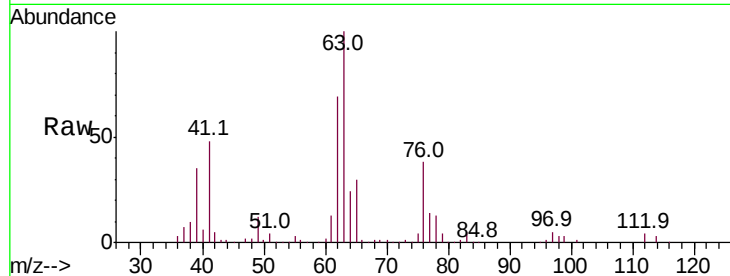
#45
 1,2-Dichloropropane
 Concen: 49.895 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 214204
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6

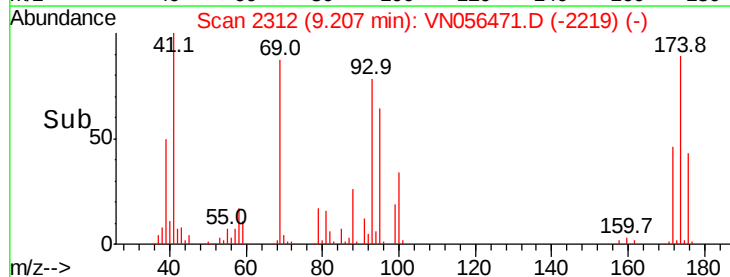
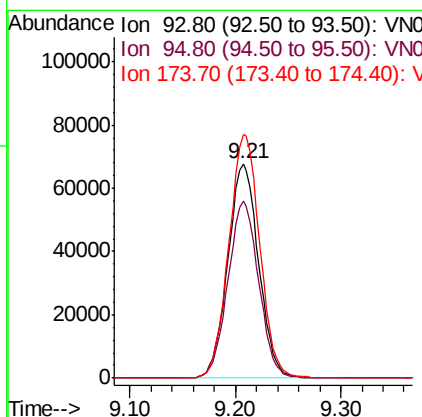
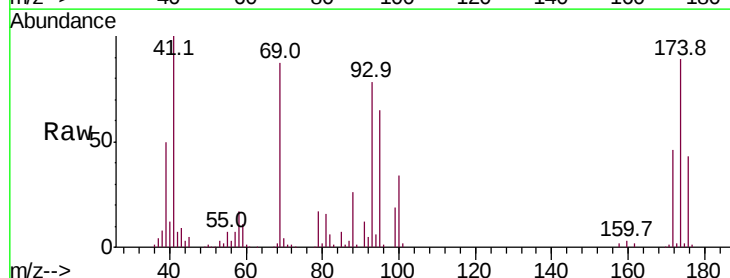
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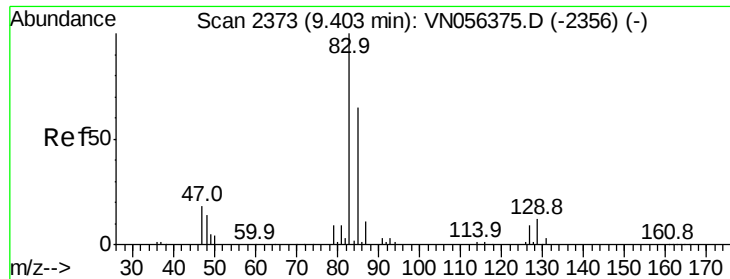
MMDadoda
 6/26/2019 9:28:13 AM



#46
 Dibromomethane
 Concen: 50.928 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion: 93 Resp: 136789
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.2 99.2
 174 114.4 90.8 136.2





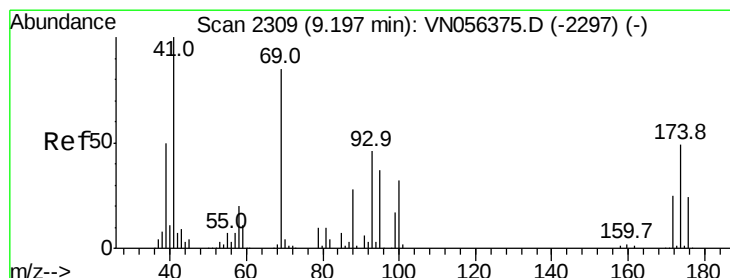
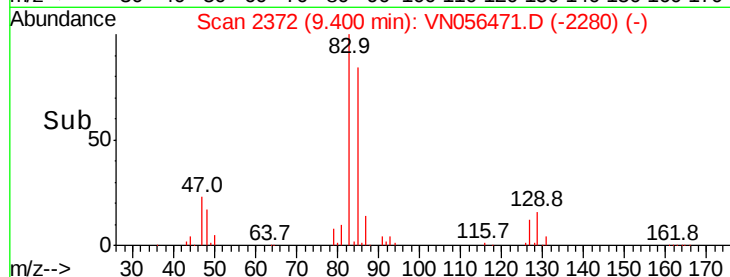
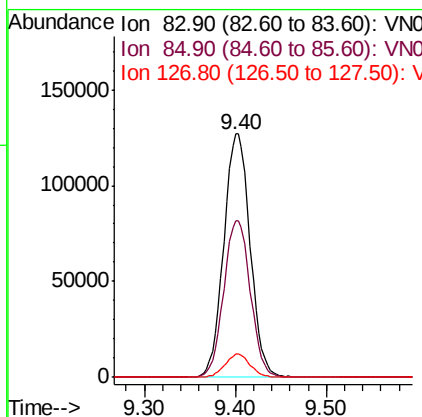
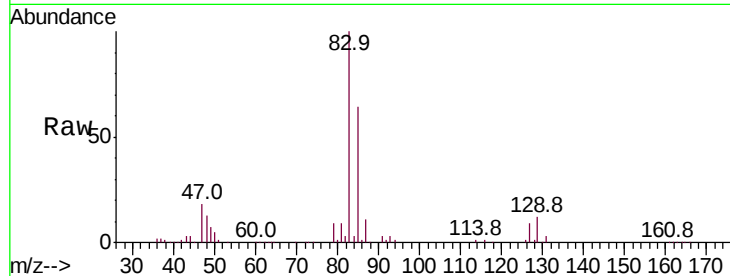
#47
Bromodichloromethane
Concen: 53.714 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.2	52.2	78.4	
127	9.5	7.3	10.9	

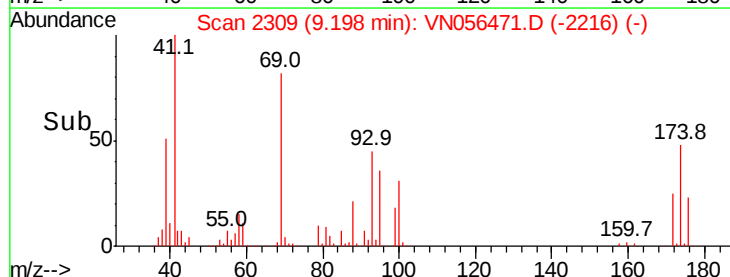
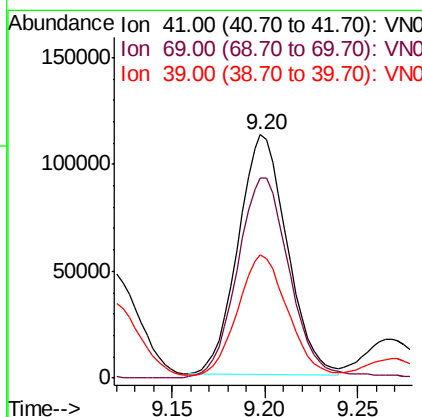
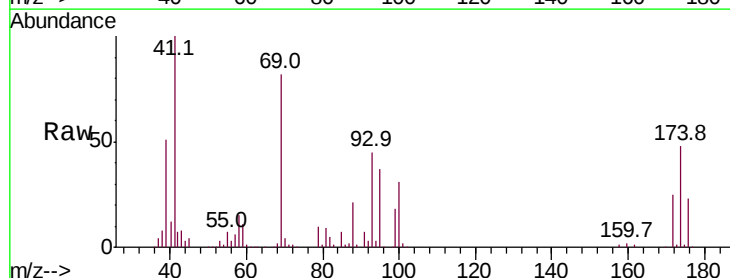
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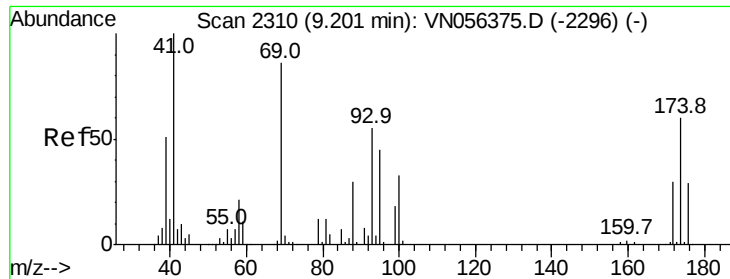
MMDadoda
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#48
Methyl methacrylate
Concen: 52.091 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	89.0	72.6	109.0	
39	53.1	42.6	63.8	





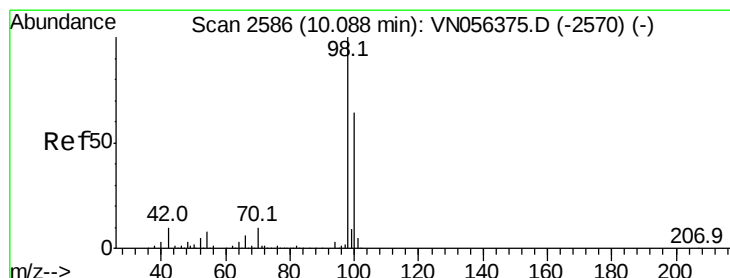
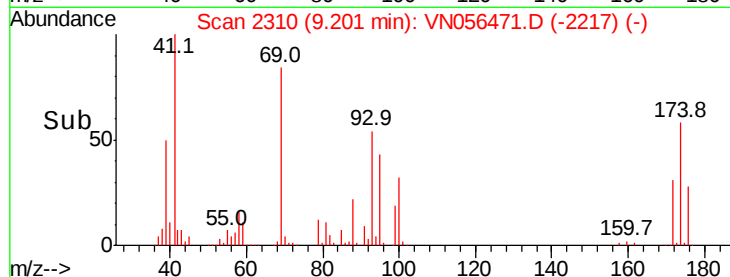
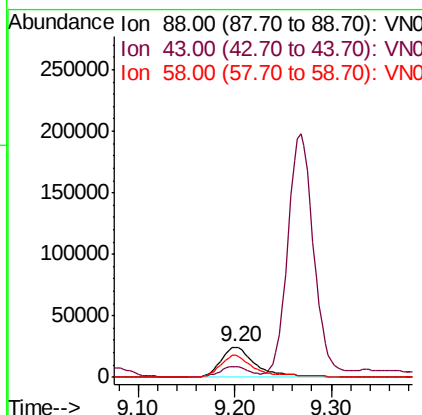
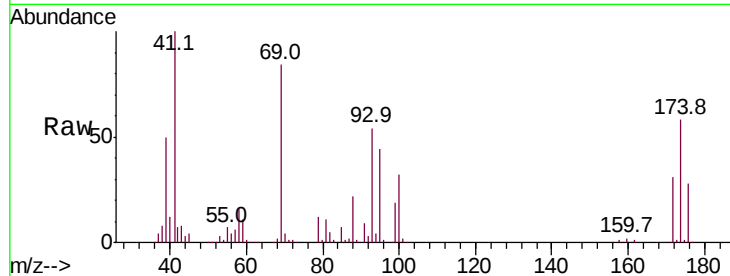
#49
1,4-Dioxane
Concen: 762.681 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.8	22.0	33.0
58	73.1	51.8	77.8

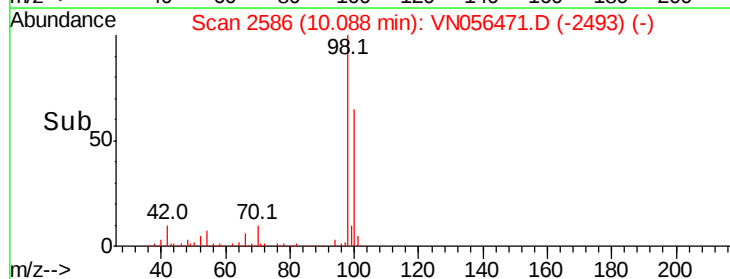
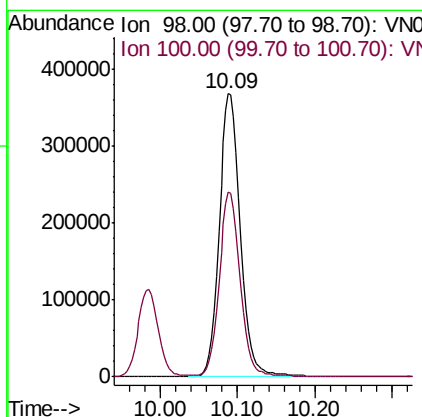
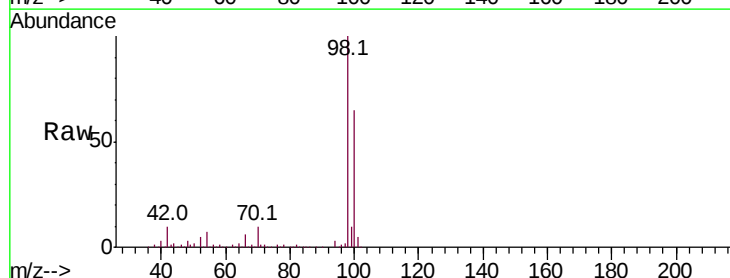
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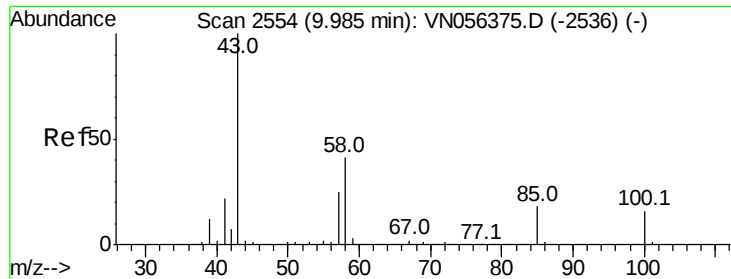
MMDadoda
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#50
Toluene-d8
Concen: 48.660 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





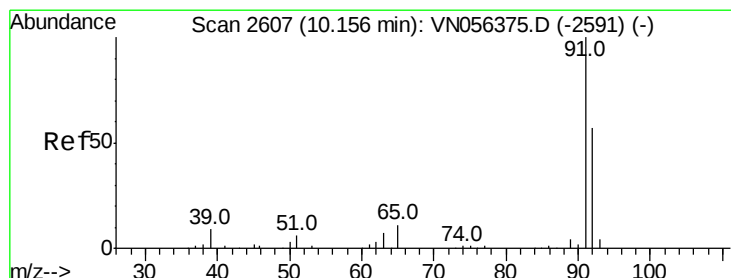
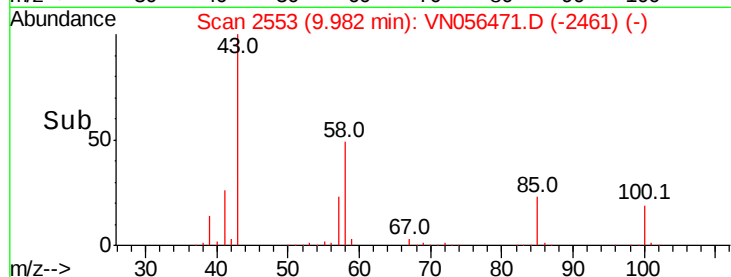
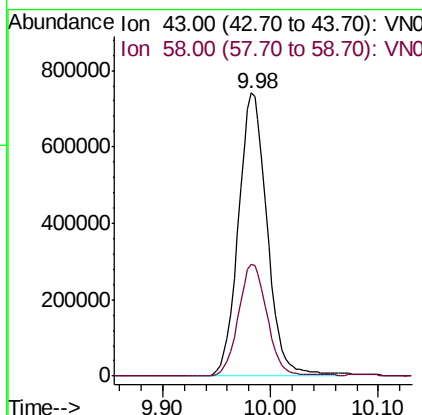
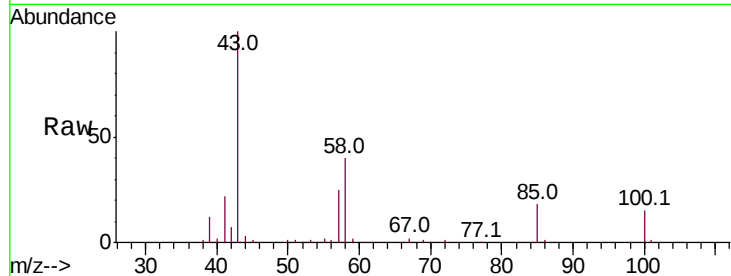
#51
4-Methyl-2-Pentanone
Concen: 268.180 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1368859
Ion Ratio Lower Upper
43 100
58 40.1 31.8 47.8

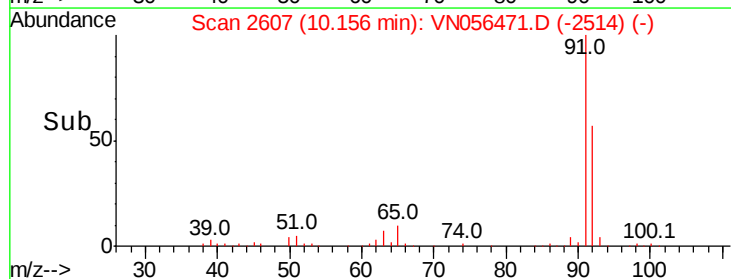
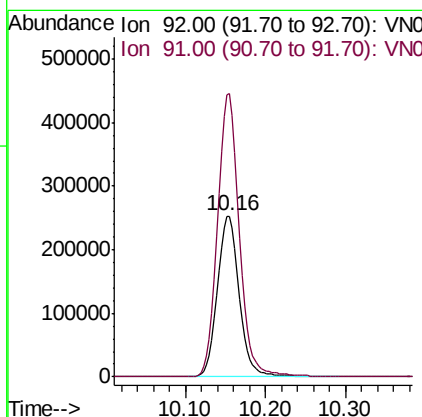
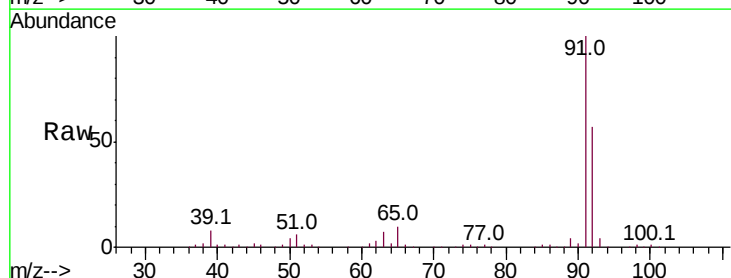
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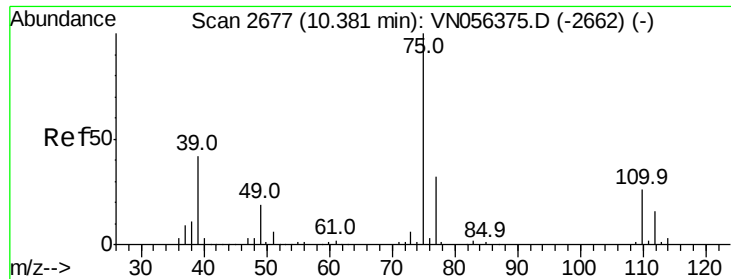
MMDadoda
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#52
Toluene
Concen: 49.117 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 92 Resp: 482045
Ion Ratio Lower Upper
92 100
91 175.4 140.6 211.0





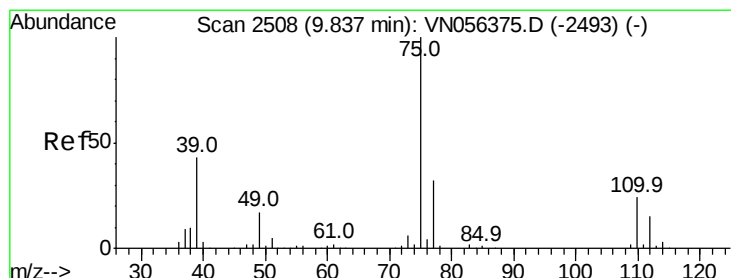
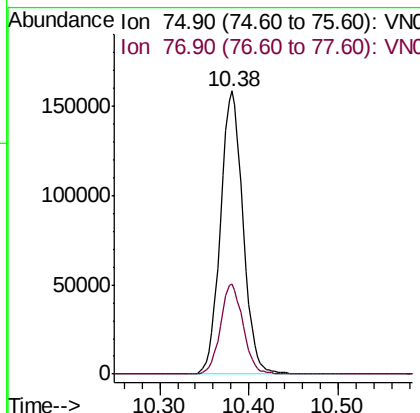
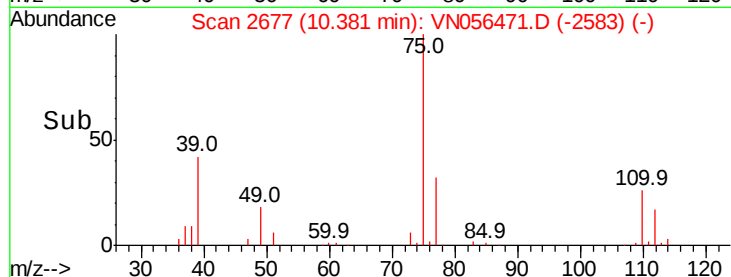
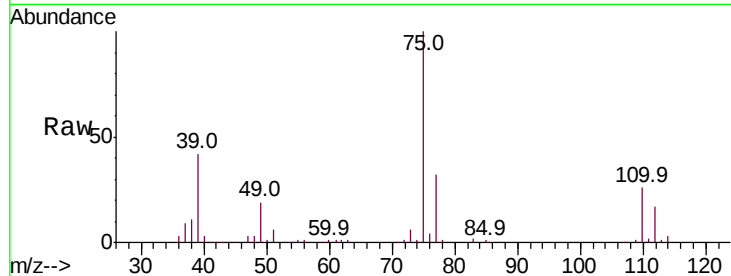
#53
t-1,3-Dichloropropene
Concen: 49.984 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 277317
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

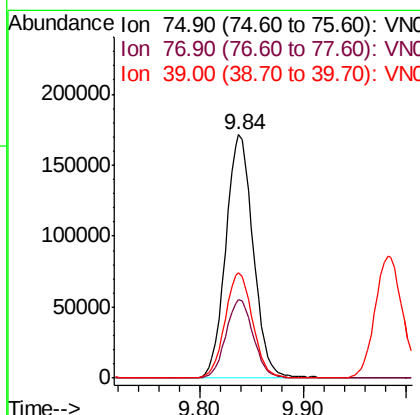
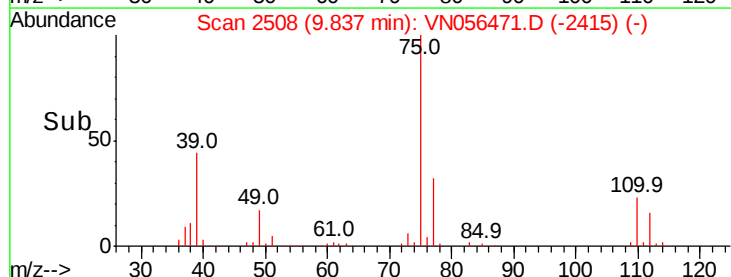
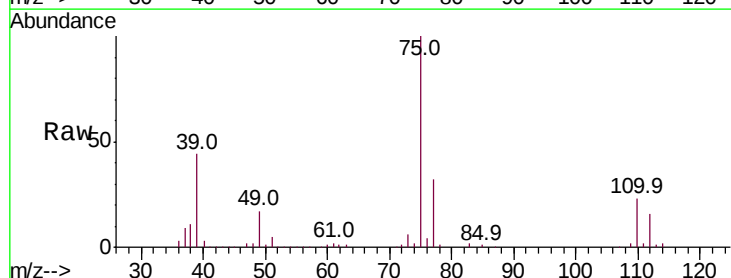
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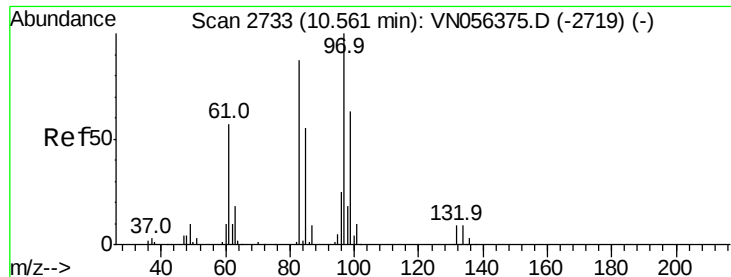
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#54
cis-1,3-Dichloropropene
Concen: 55.519 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 75 Resp: 318487
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 43.4 34.2 51.4





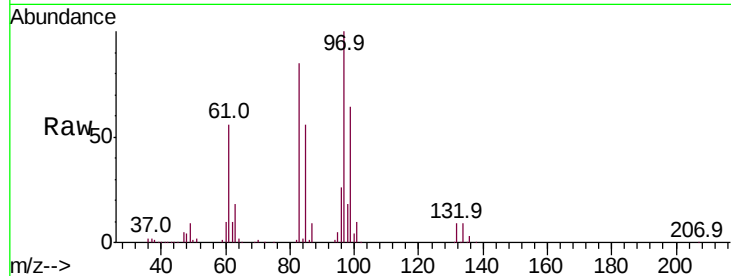
#55
 1,1,2-Trichloroethane
 Concen: 51.204 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

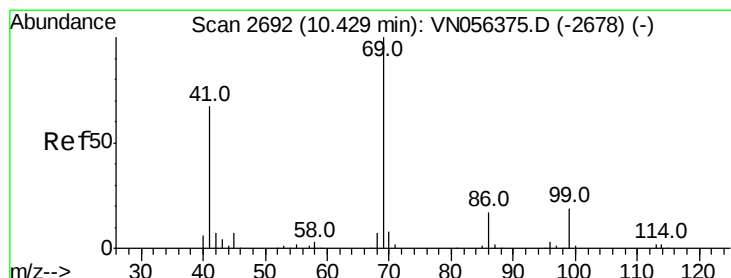
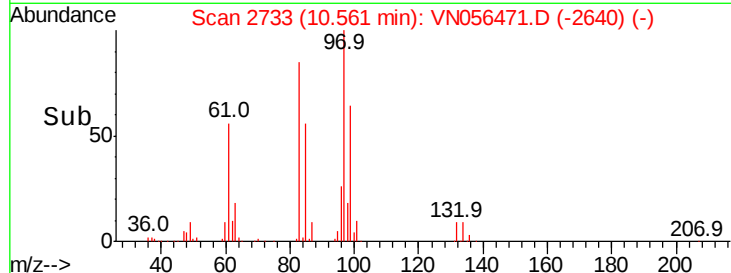
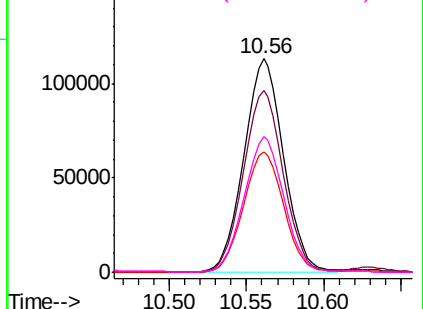
Tot Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.8	104.6
85	56.2	43.8	65.8
99	63.4	50.2	75.2

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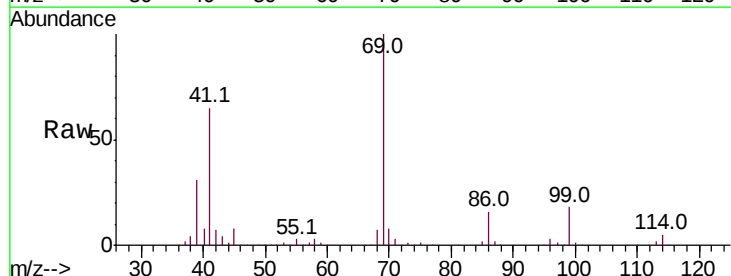


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

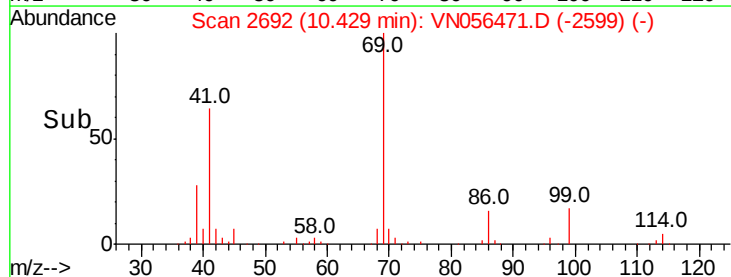
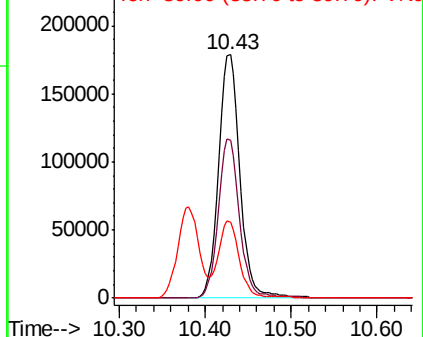


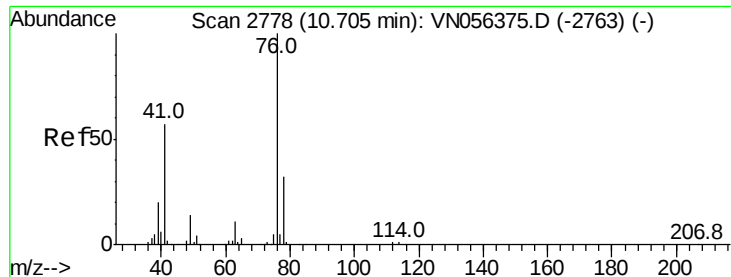
#56
 Ethyl methacrylate
 Concen: 53.730 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.4	77.2
39	31.6	24.7	37.1



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.527 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 334854

Ion Ratio Lower Upper

76 100

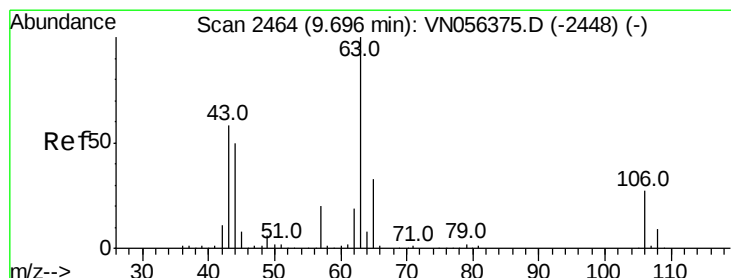
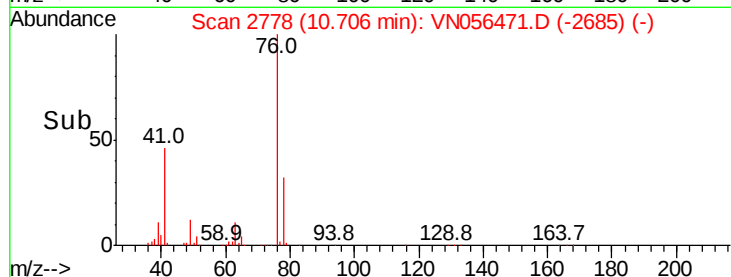
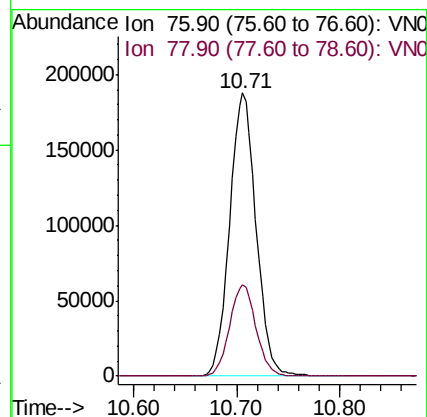
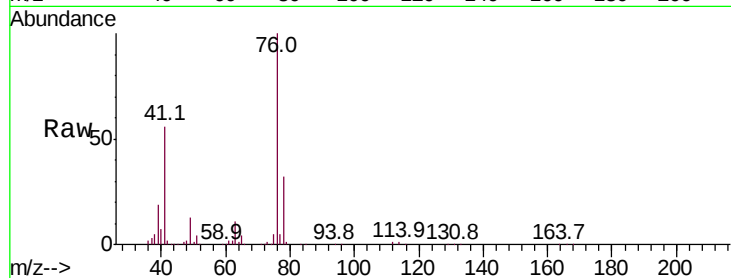
78 32.4 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 239.286 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056471.D

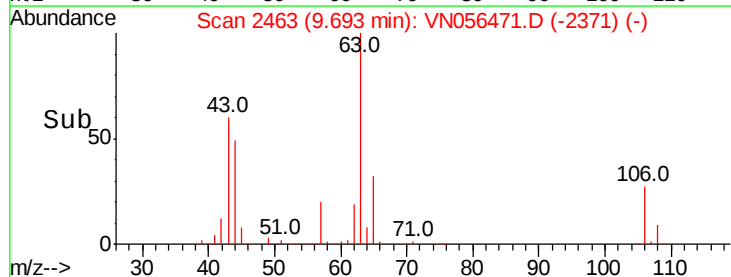
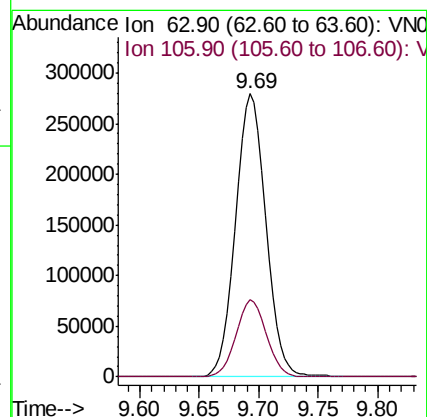
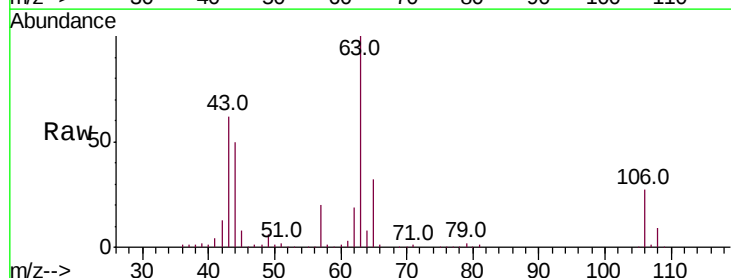
Acq: 25 Jun 2019 9:06

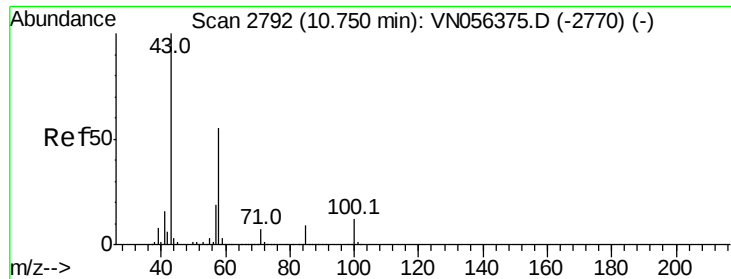
Tgt Ion: 63 Resp: 495599

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4





#59

2-Hexanone

Concen: 267.502 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1003519

Ion Ratio Lower Upper

43 100

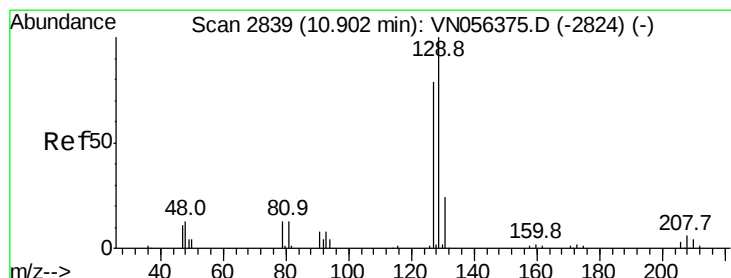
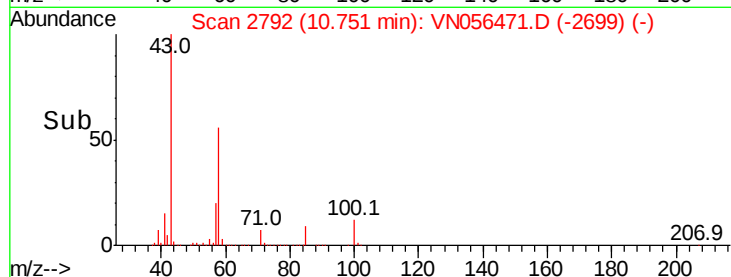
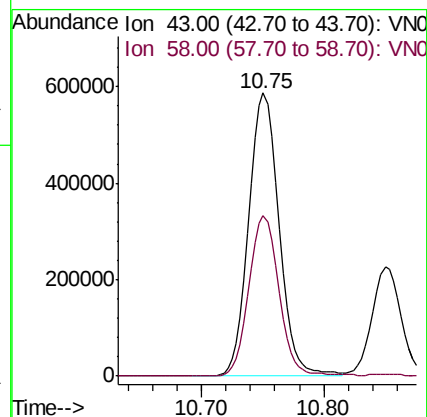
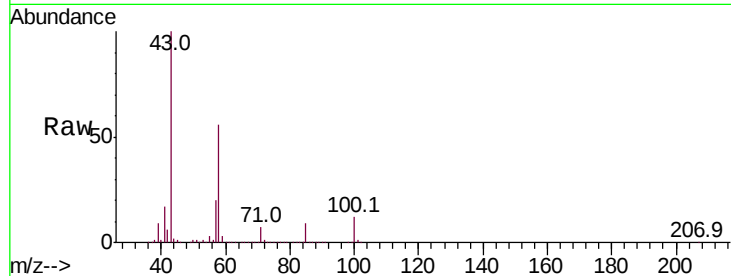
58 56.5 27.8 83.4

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#60

Dibromochloromethane

Concen: 50.699 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056471.D

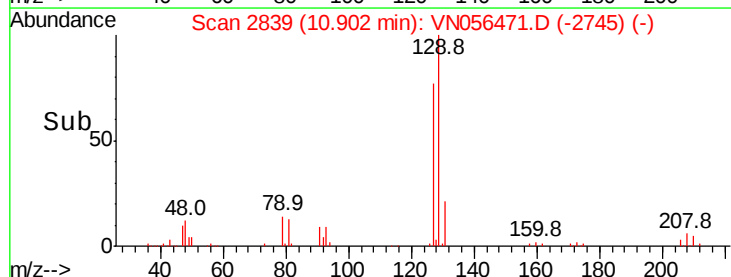
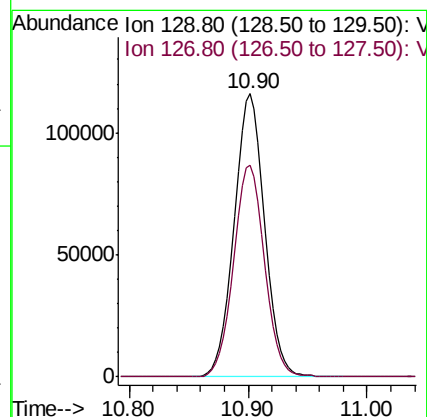
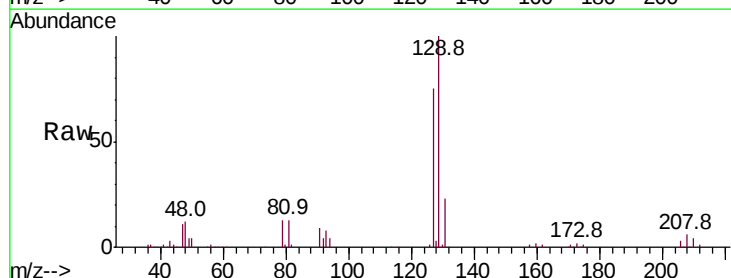
Acq: 25 Jun 2019 9:06

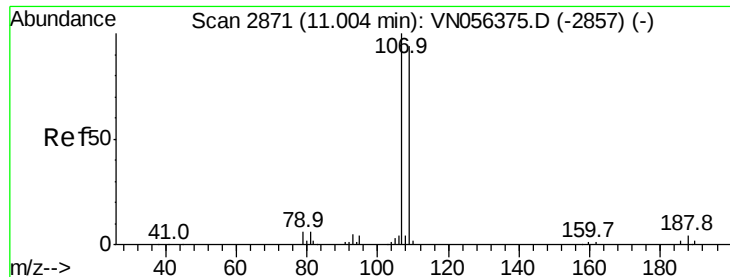
Tgt Ion: 129 Resp: 205717

Ion Ratio Lower Upper

129 100

127 76.0 38.9 116.7





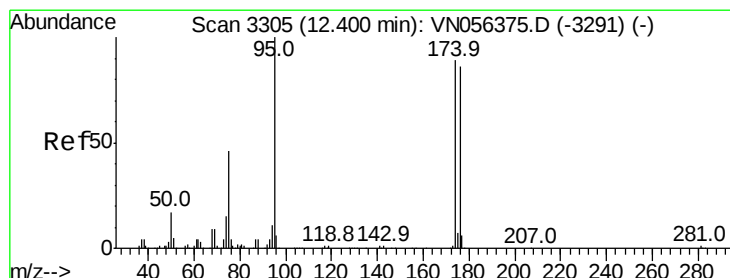
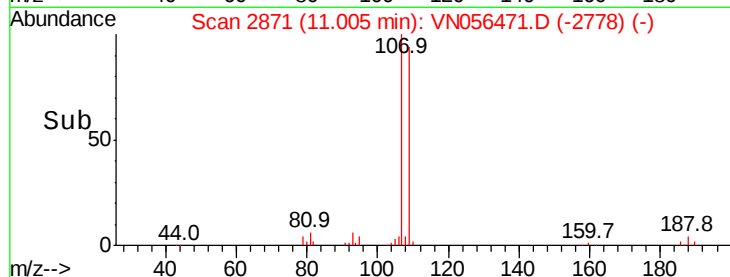
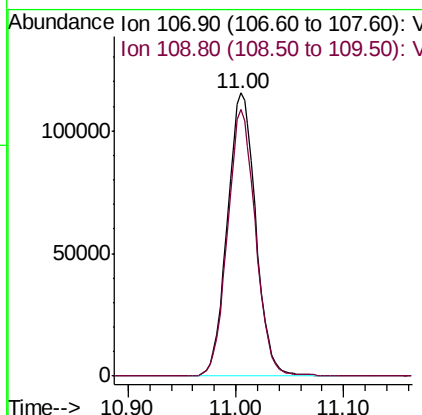
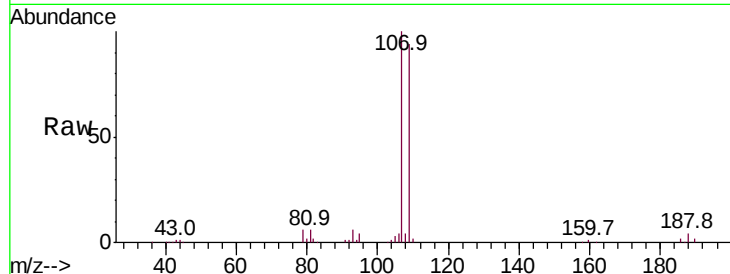
#61
1,2-Dibromoethane
Concen: 52.417 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.3	112.9

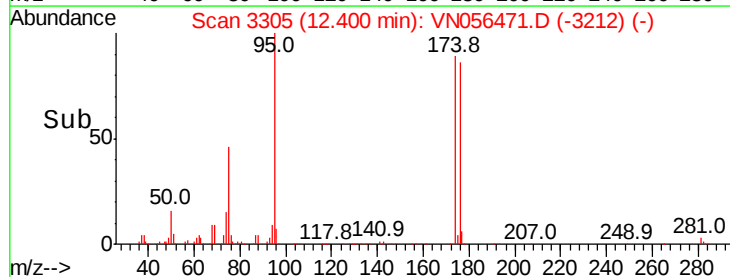
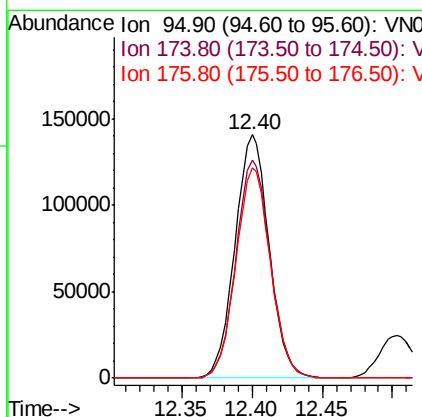
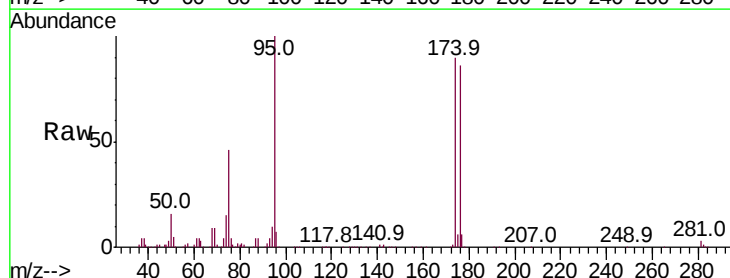
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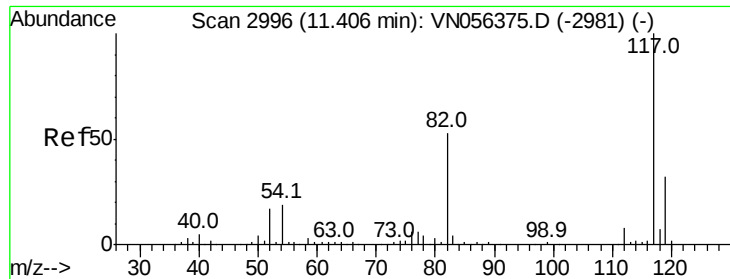
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#62
4-Bromofluorobenzene
Concen: 49.717 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	179.4
176	87.5	0.0	173.4





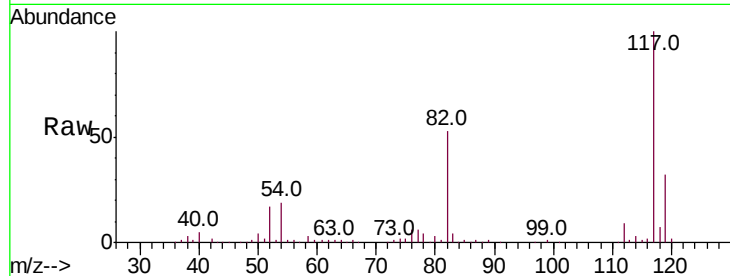
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.0	63.0
119	32.2	25.3	37.9

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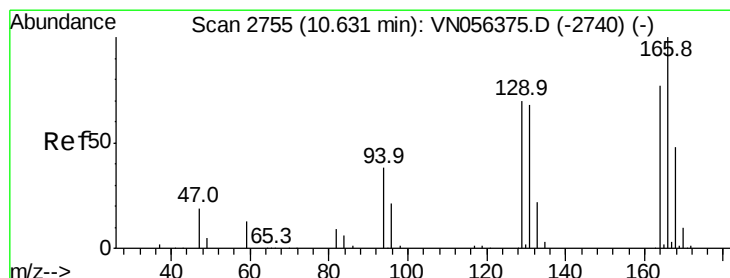
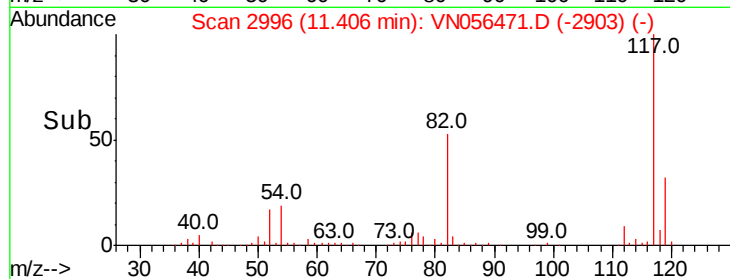
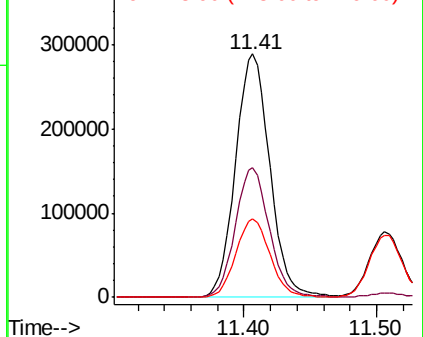


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.890 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	103.4	155.0
129	88.0	72.0	108.0
131	87.7	70.2	105.2

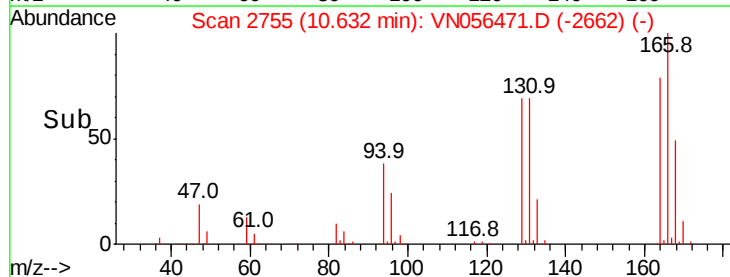
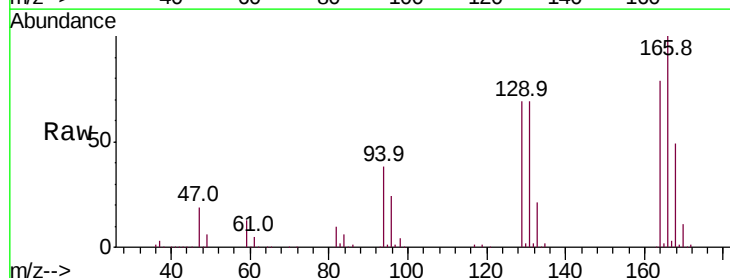
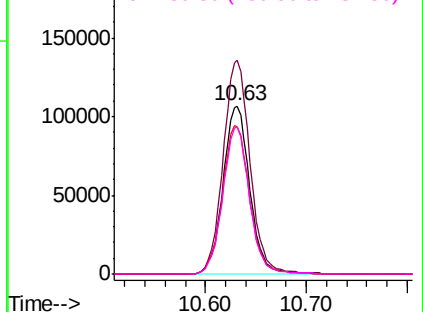
Abundance

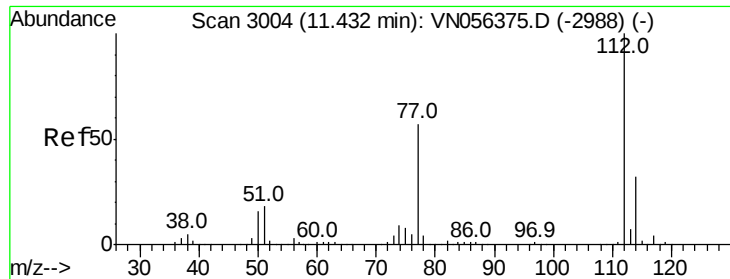
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





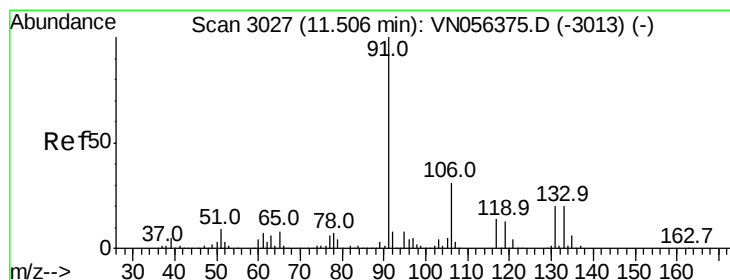
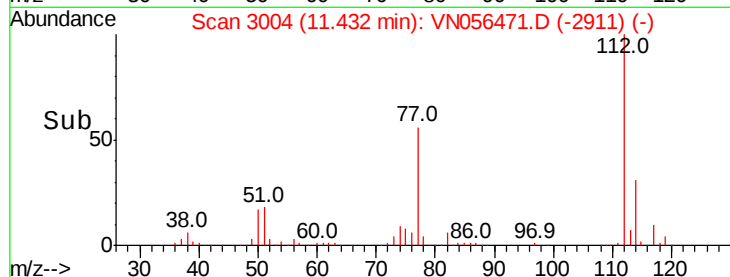
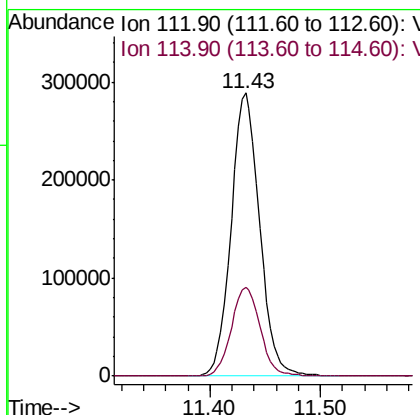
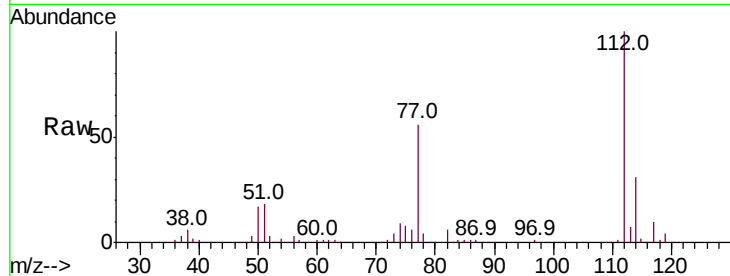
#65
Chlorobenzene
Concen: 49.440 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 516375
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

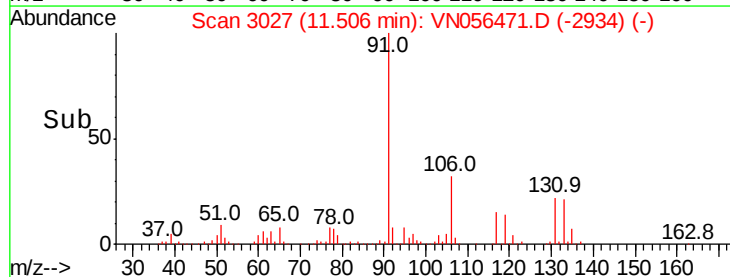
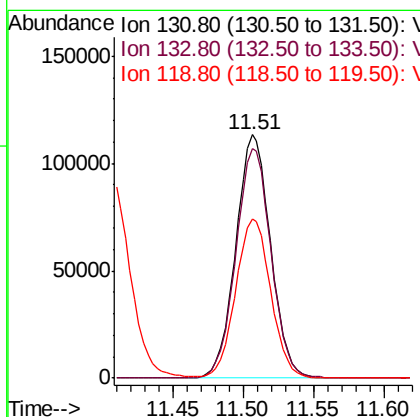
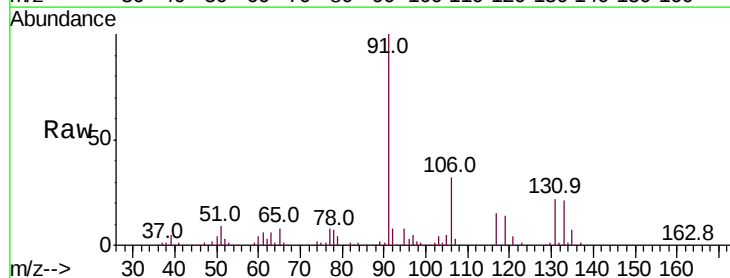
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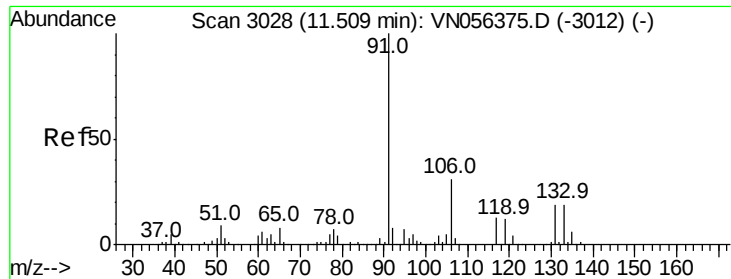
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.346 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion:131 Resp: 195370
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 66.3 32.8 98.4





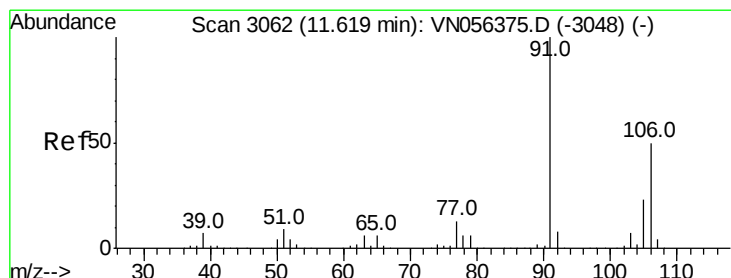
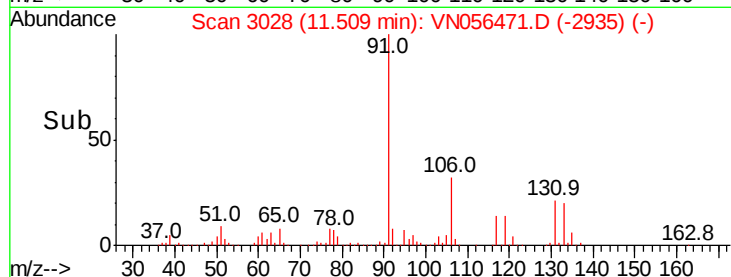
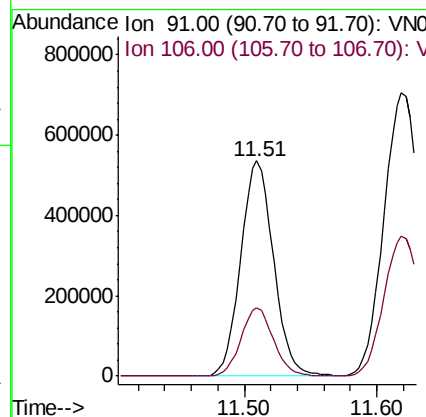
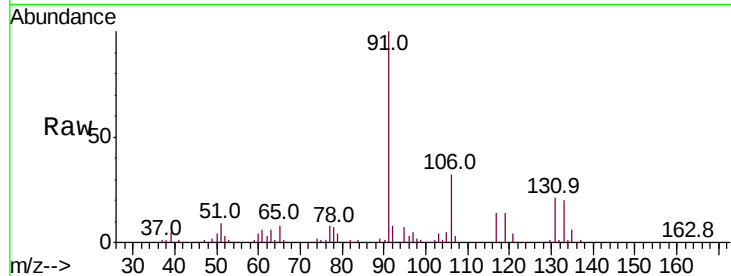
#67
Ethyl Benzene
Concen: 50.250 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 921535
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7

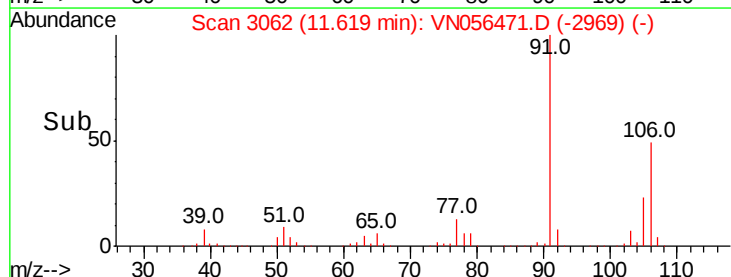
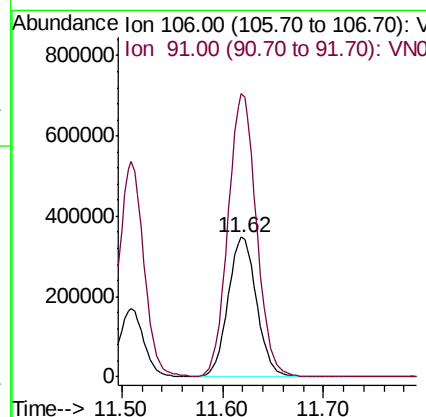
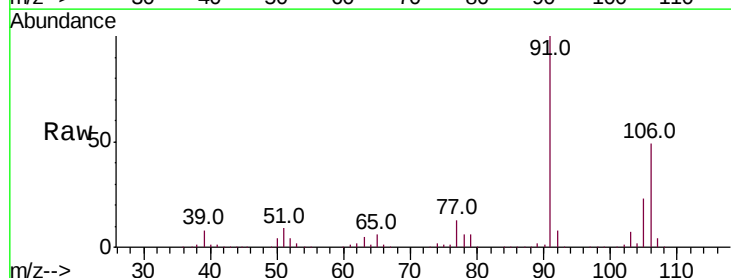
Manual Integrations
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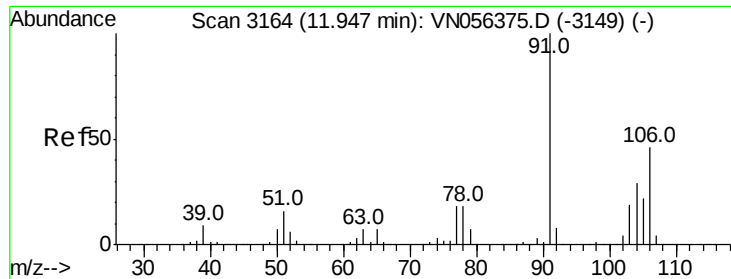
MMDadoda
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#68
m/p-Xylenes
Concen: 102.003 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 106 Resp: 685545
Ion Ratio Lower Upper
106 100
91 201.7 160.1 240.1





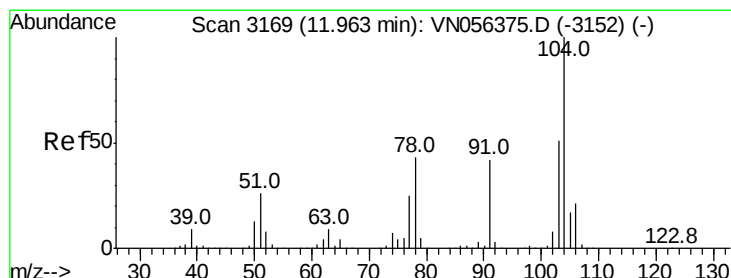
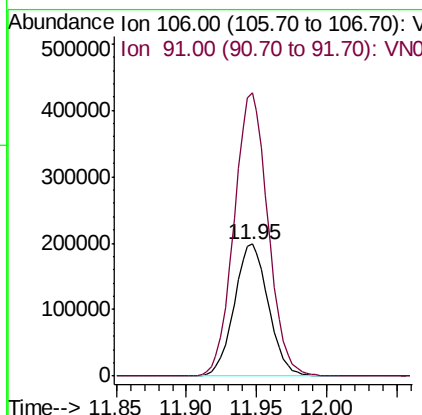
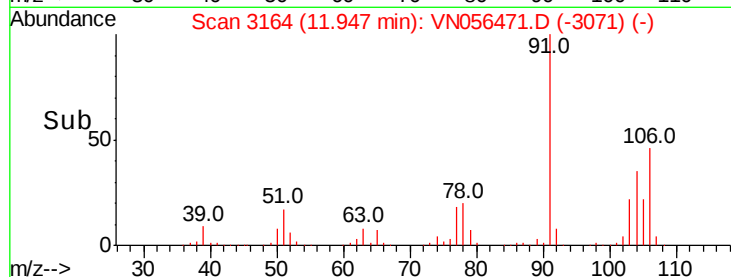
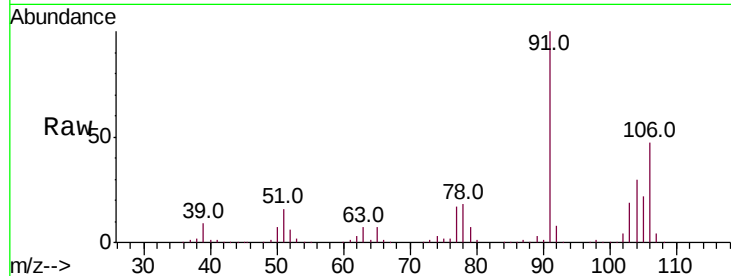
#69
o-Xylene
Concen: 50.587 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 336362
Ion Ratio Lower Upper
106 100
91 213.3 107.1 321.3

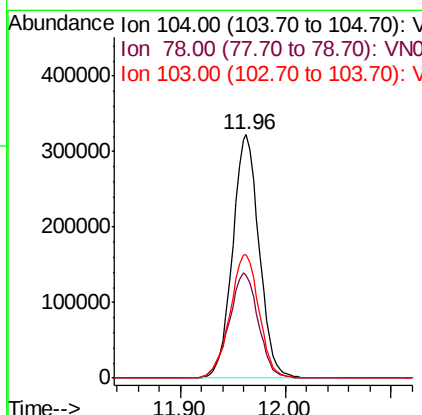
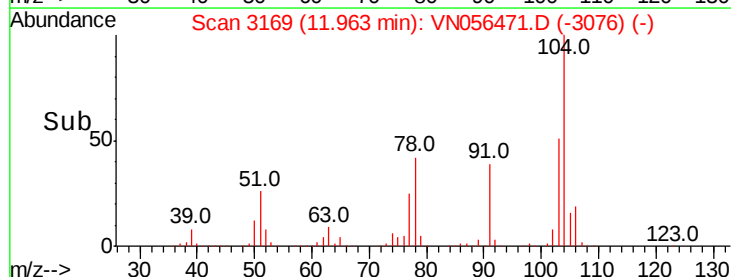
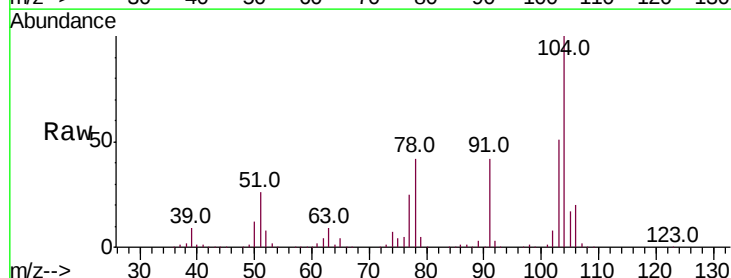
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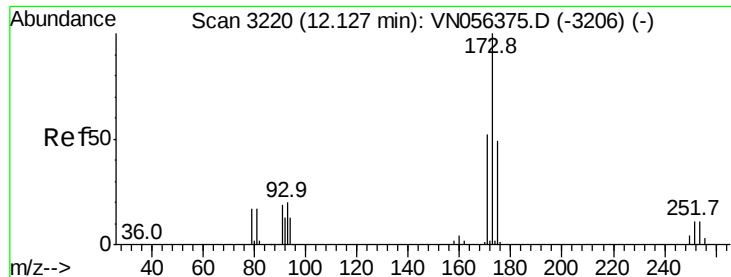
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#70
Styrene
Concen: 52.809 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion:104 Resp: 561262
Ion Ratio Lower Upper
104 100
78 47.5 38.6 57.8
103 55.6 43.9 65.9





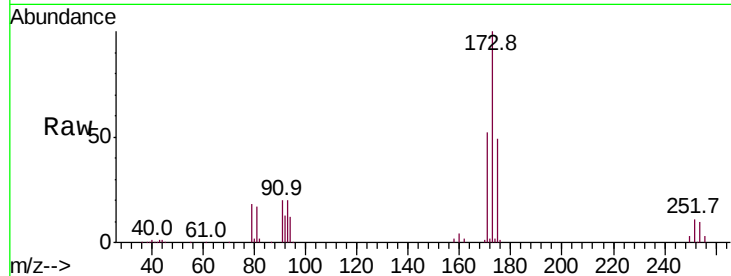
#71
Bromoform
Concen: 50.795 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

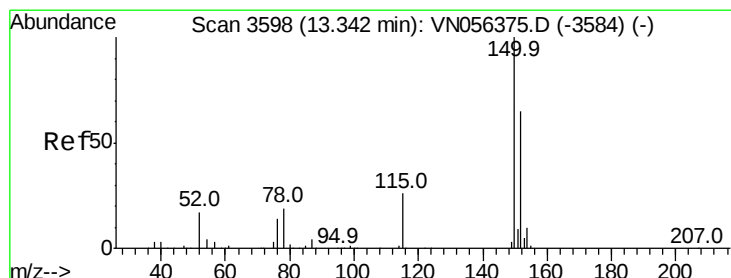
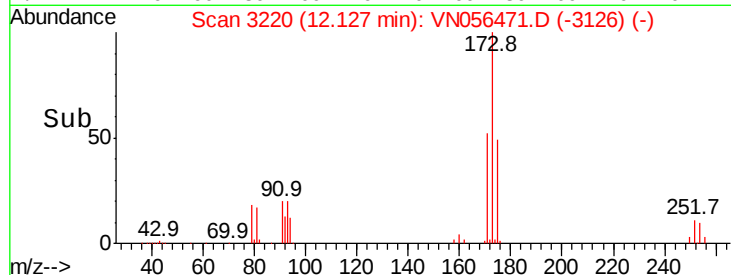
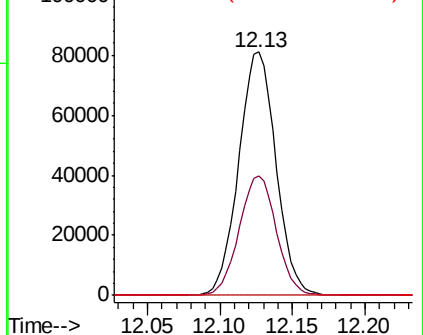
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations
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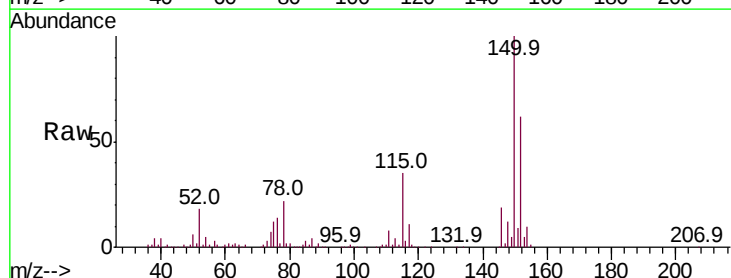


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

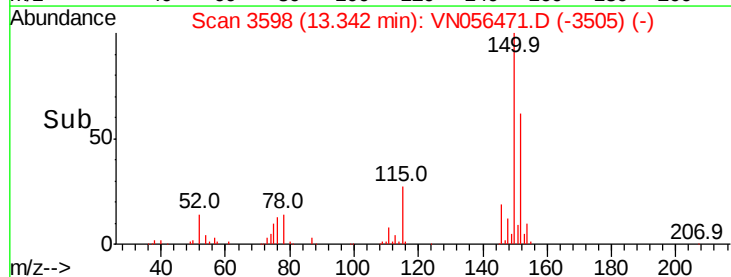
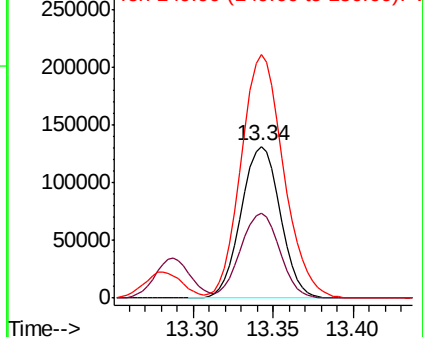


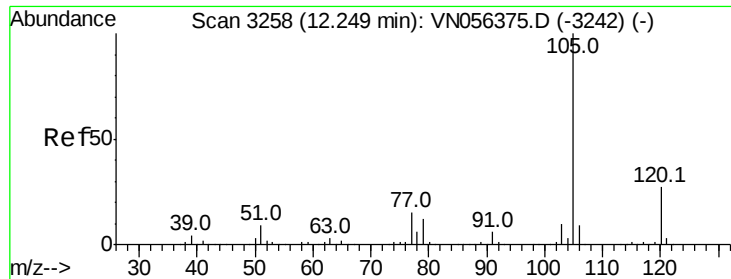
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.1	84.4
150	174.8	0.0	348.4



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: 55.275 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 905805

Ion Ratio Lower Upper

105 100

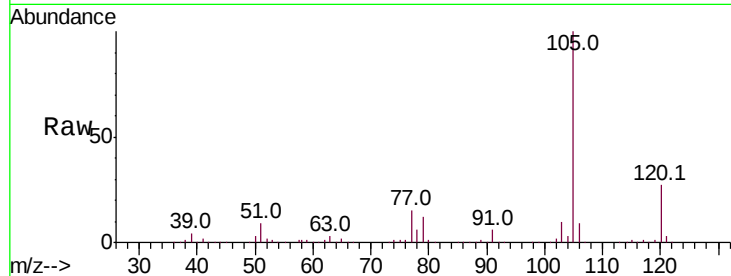
120 26.8 13.4 40.2

Manual Integrations

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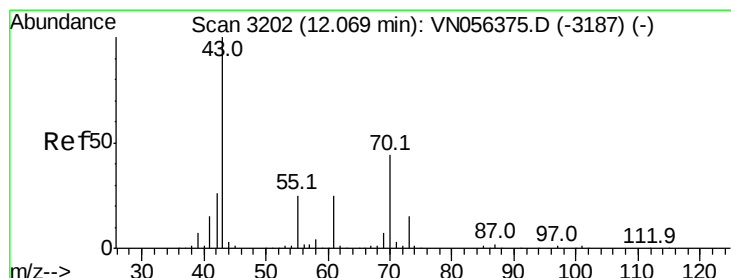
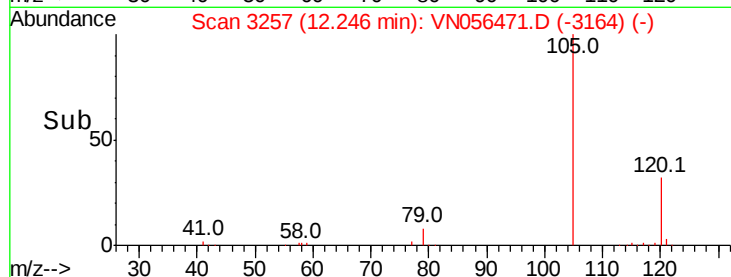
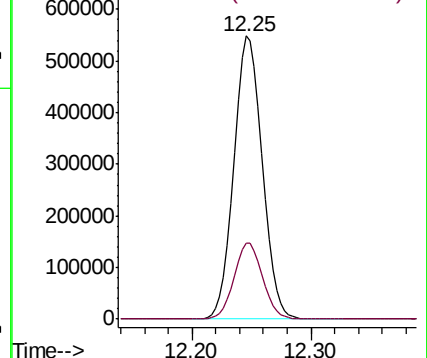
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.523 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Tgt Ion: 43 Resp: 345647

Ion Ratio Lower Upper

43 100

70 44.0 34.9 52.3

55 25.2 20.4 30.6

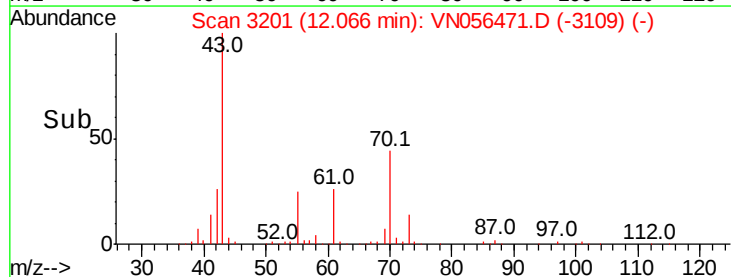
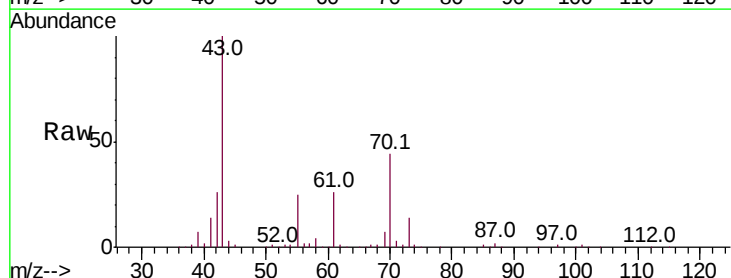
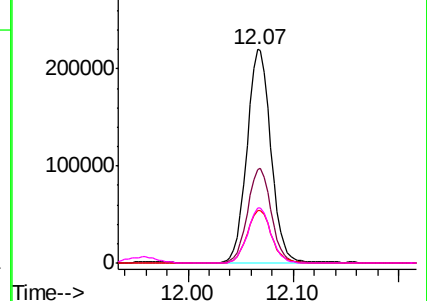
61 25.4 19.8 29.8

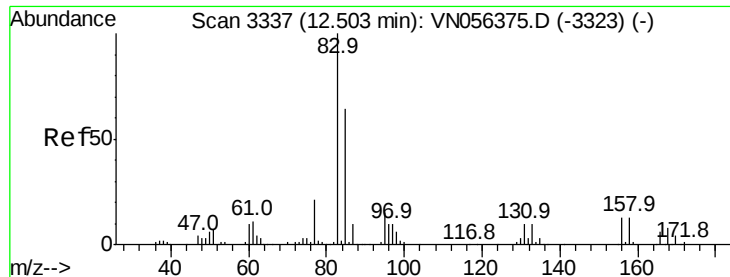
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 56.495 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

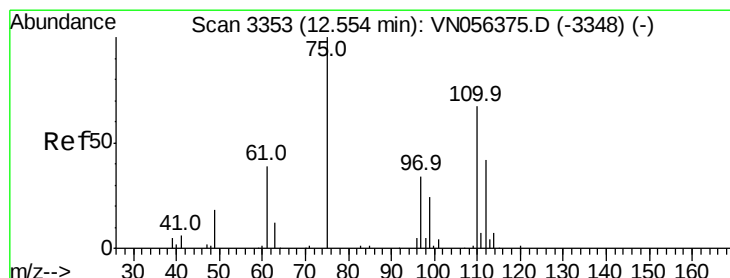
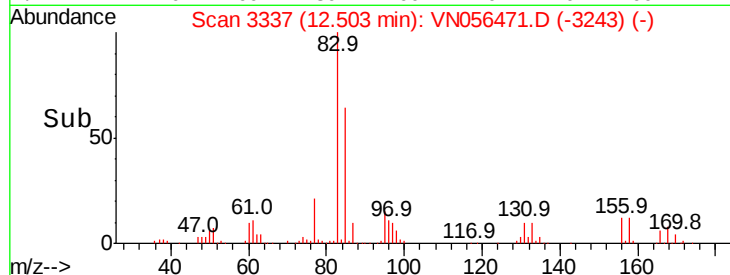
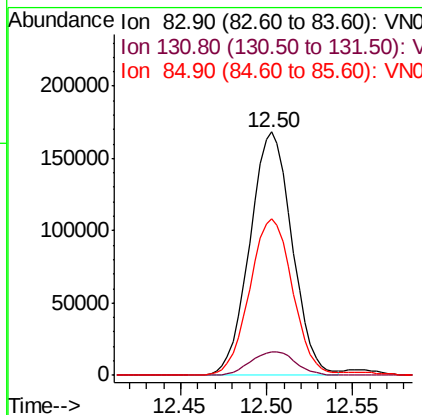
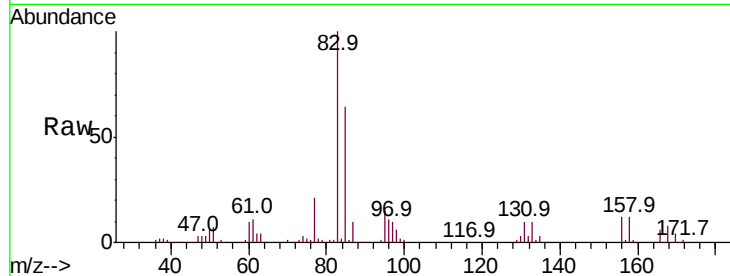
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	286054
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.8
85	65.4	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.156 ug/l m

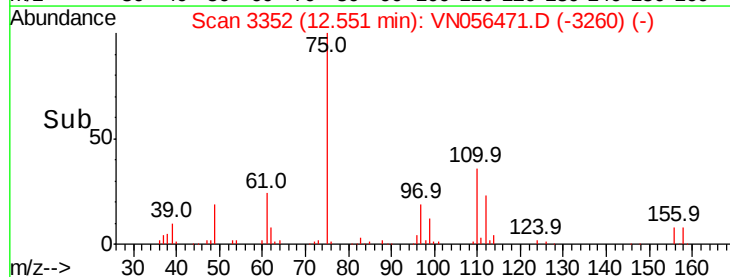
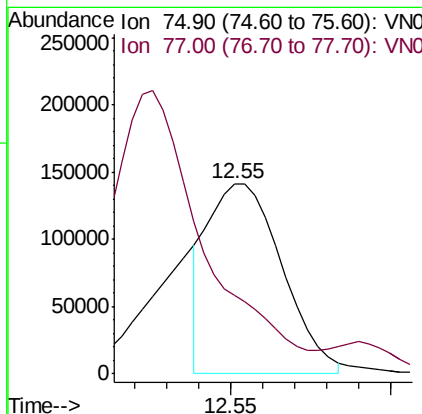
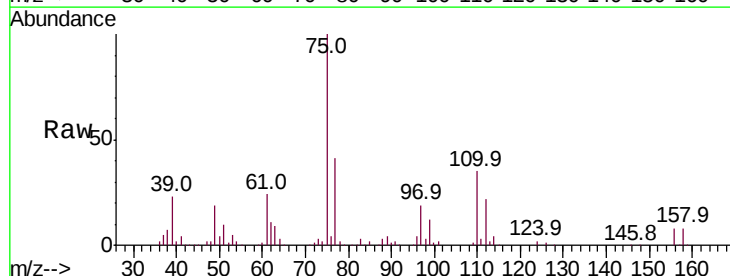
RT: 12.55 min Scan# 3352

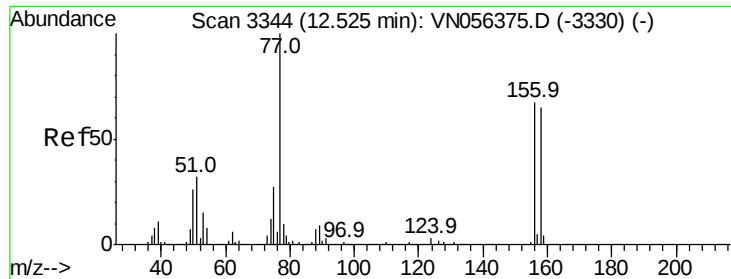
Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Tgt Ion:	75	Resp:	228073
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.882 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

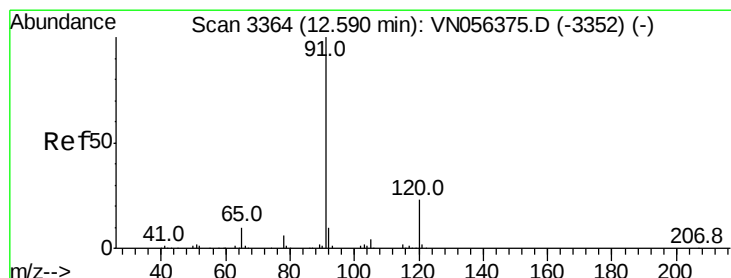
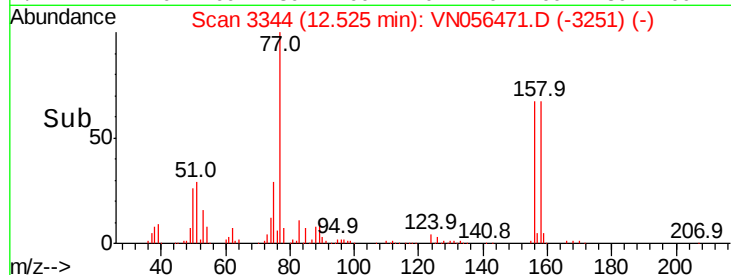
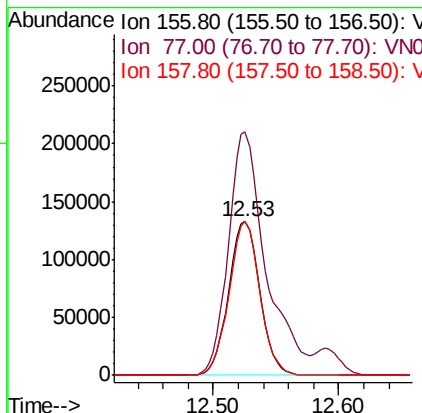
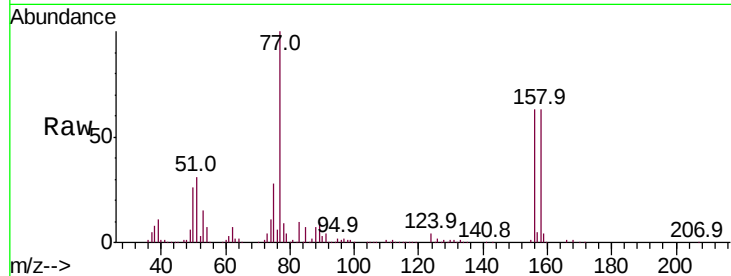
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	229888
Ion Ratio	Lower	Upper	
156	100		
77	190.5	92.5	277.3
158	98.0	48.7	146.1

Manual Integrations
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#78

n-propylbenzene

Concen: 49.080 ug/l

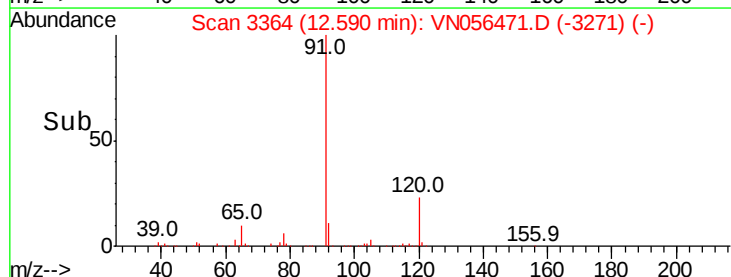
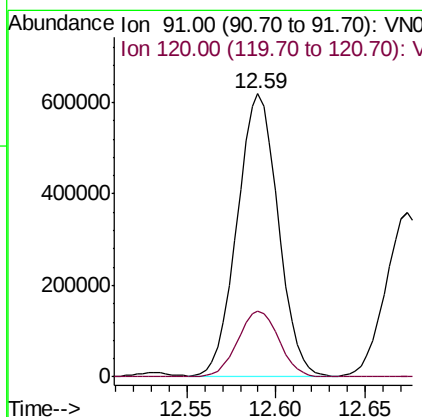
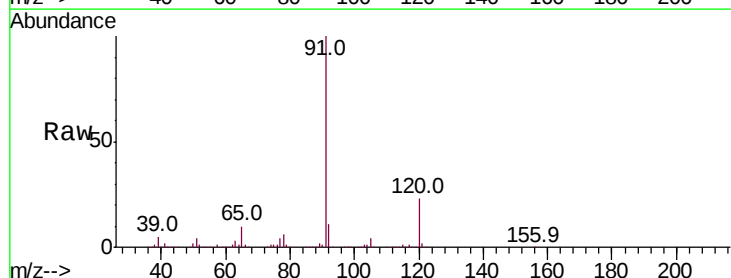
RT: 12.59 min Scan# 3364

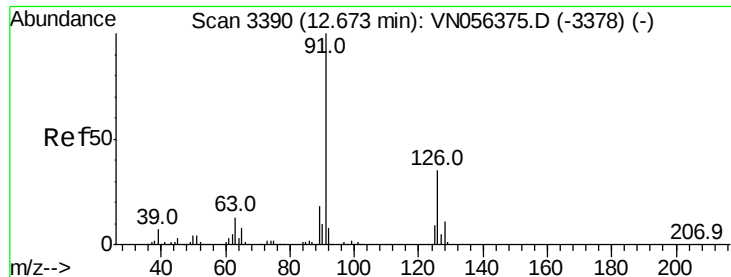
Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Tgt Ion:	91	Resp:	985672
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.4





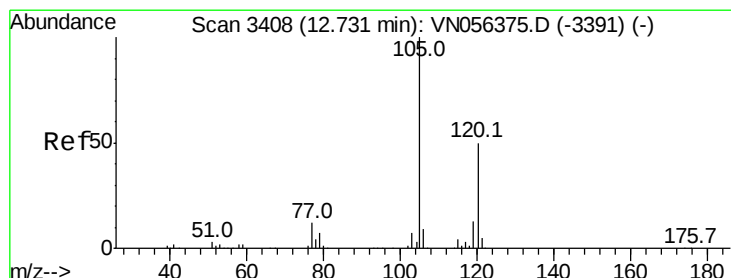
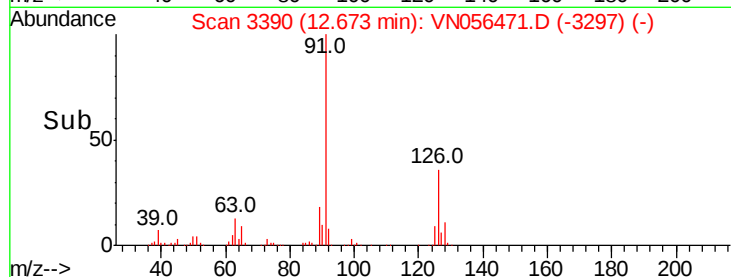
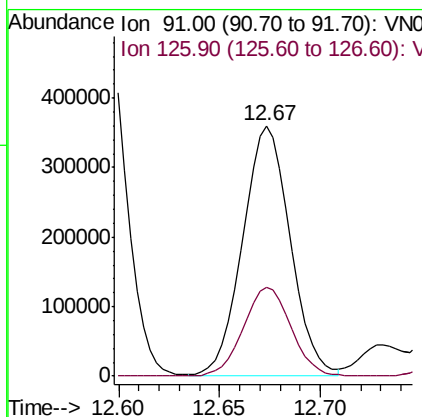
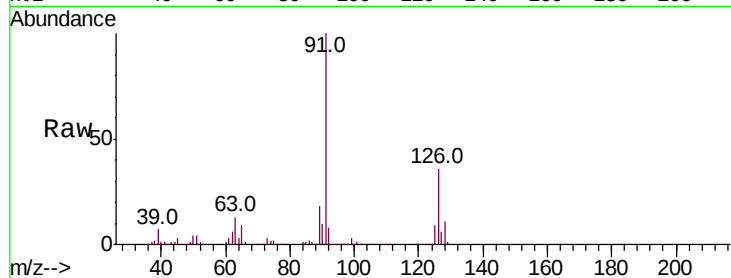
#79
2-Chlorotoluene
Concen: 53.859 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.6	52.8

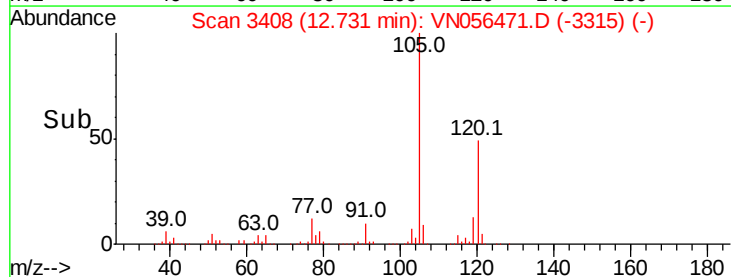
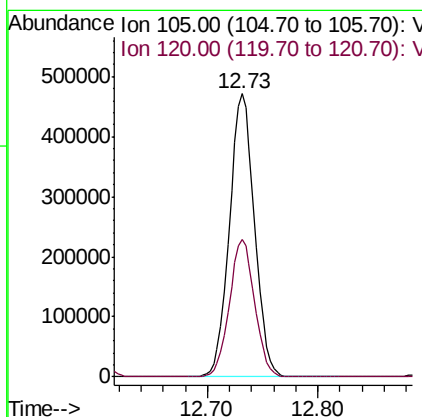
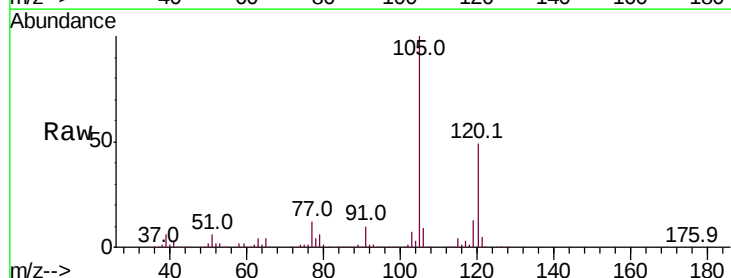
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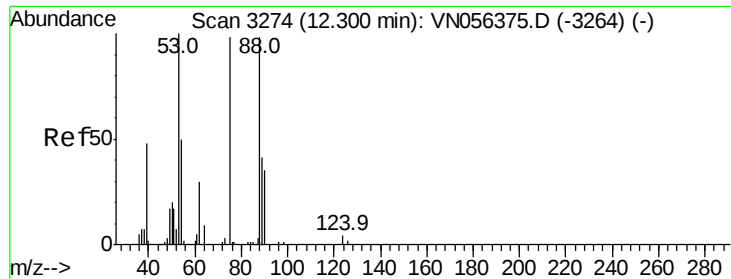
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 53.826 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.8	74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 60.210 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 77034

Ion Ratio Lower Upper

75 100

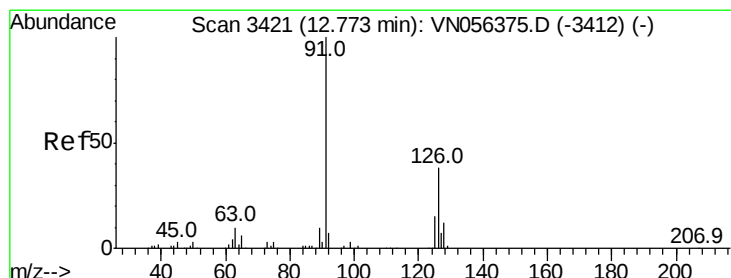
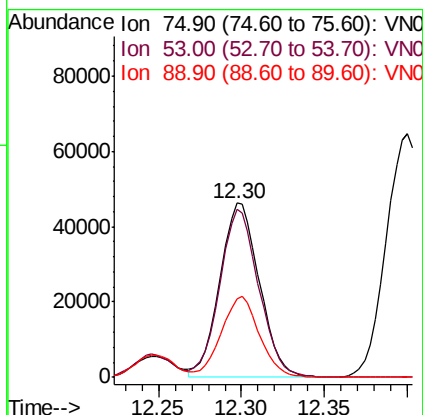
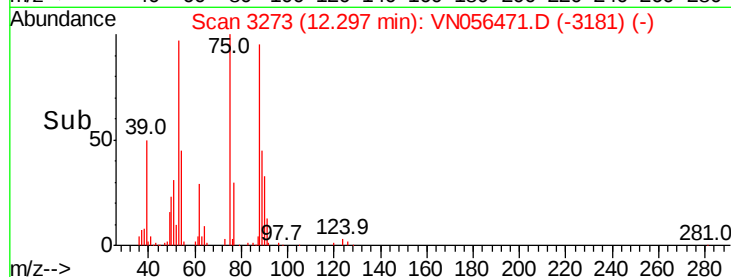
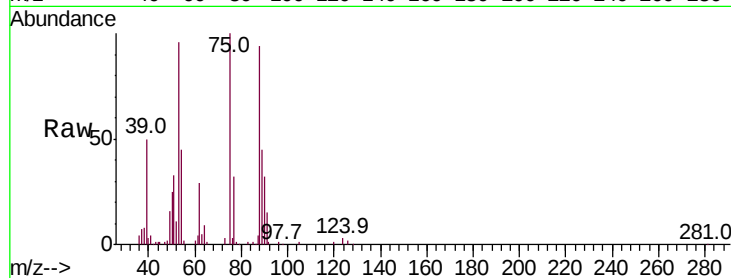
53 95.7 83.9 125.9

89 45.0 35.0 52.6

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#82

4-Chlorotoluene

Concen: 48.188 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056471.D

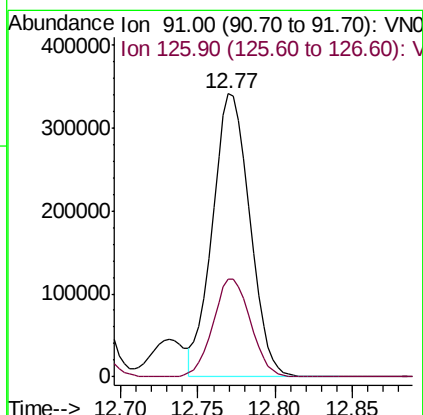
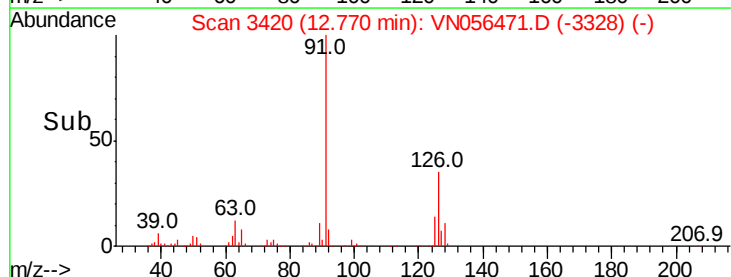
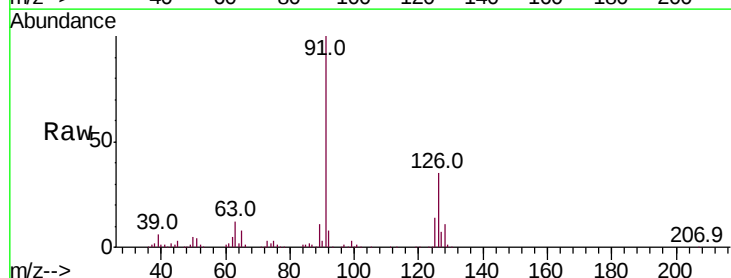
Acq: 25 Jun 2019 9:06

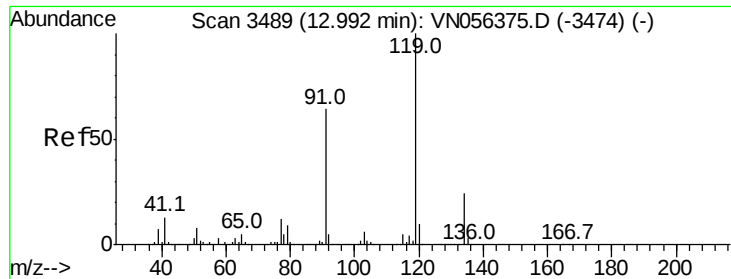
Tgt Ion: 91 Resp: 571402

Ion Ratio Lower Upper

91 100

126 34.9 17.3 52.0





#83

tert-Butylbenzene

Concen: 55.139 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

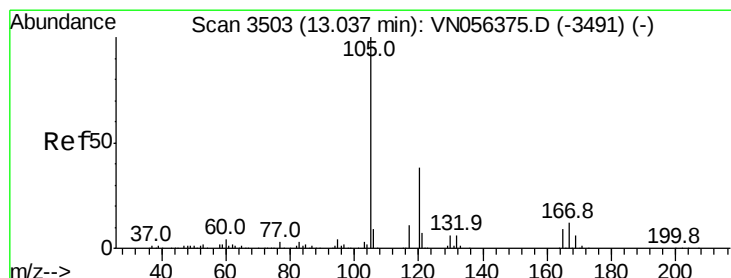
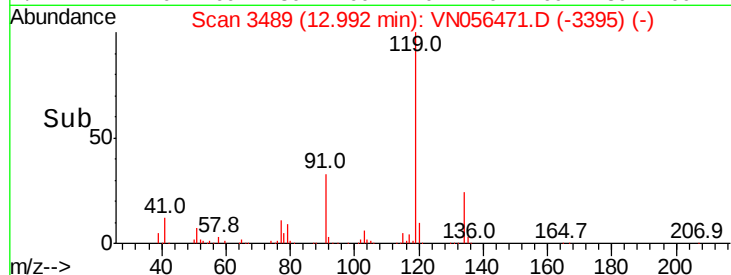
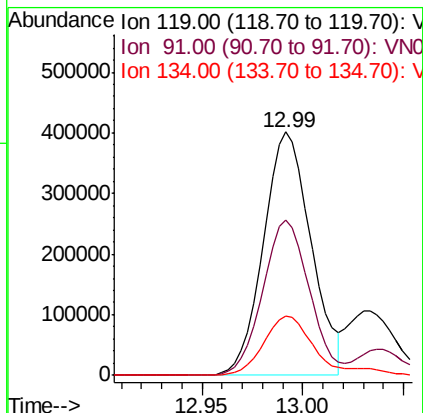
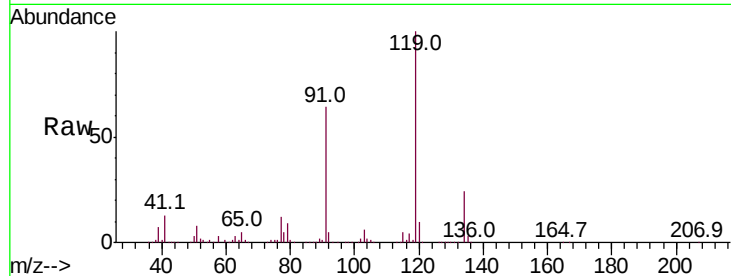
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	659705
Ion Ratio	Lower	Upper	
119	100		
91	62.5	31.6	94.7
134	24.8	13.2	39.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.376 ug/l

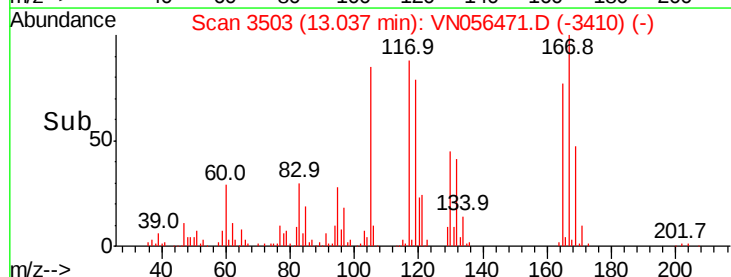
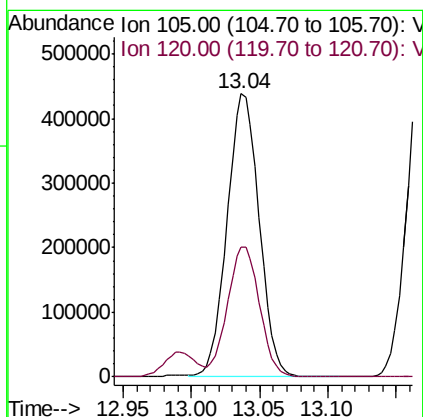
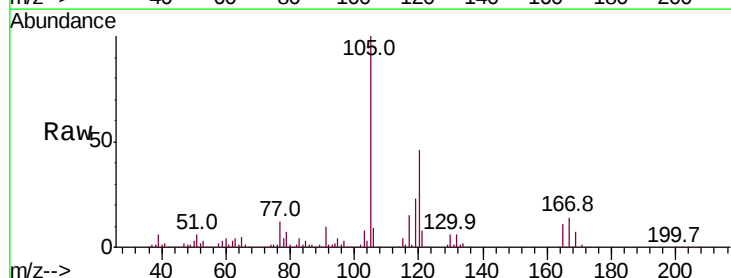
RT: 13.04 min Scan# 3503

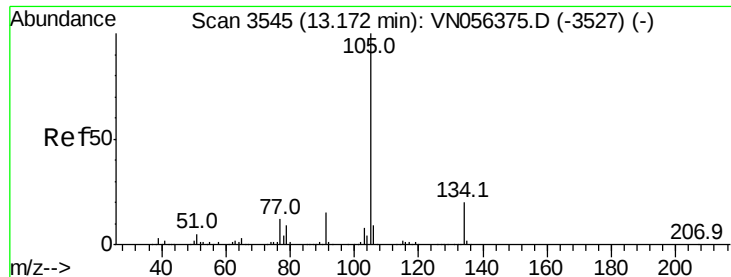
Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Tgt Ion:	105	Resp:	714188
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.9	68.8





#85

sec-Butylbenzene

Concen: 49.019 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 865260

Ion Ratio Lower Upper

105 100

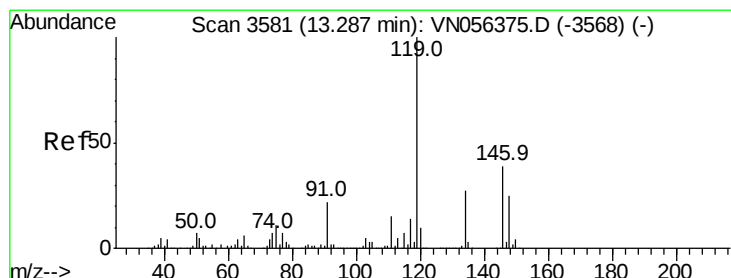
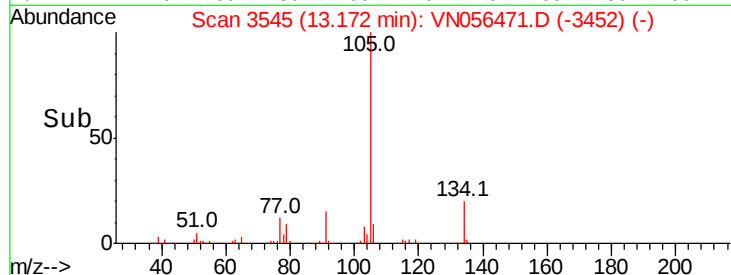
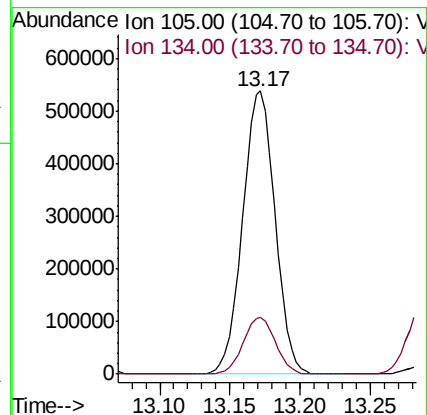
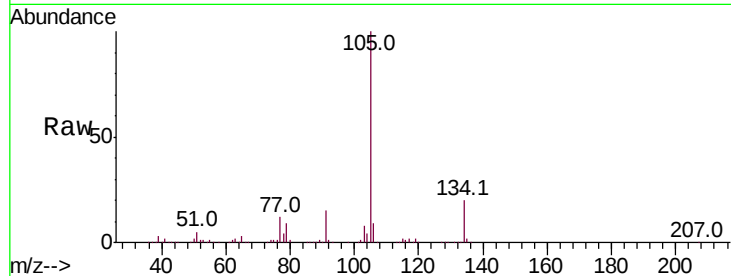
134 20.2 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 49.902 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

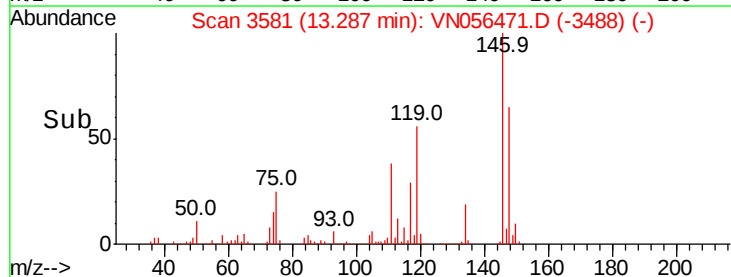
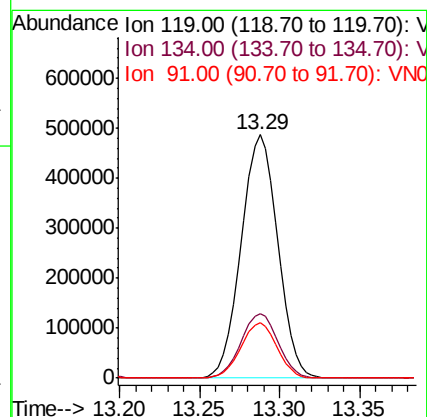
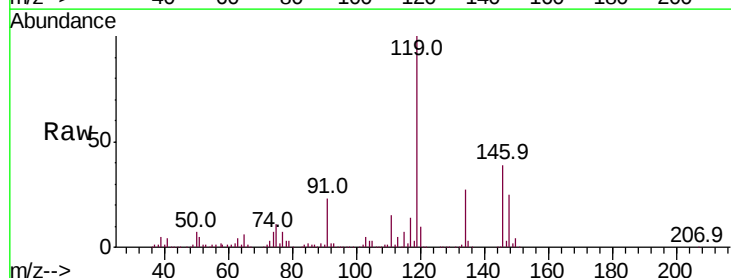
Tgt Ion:119 Resp: 755953

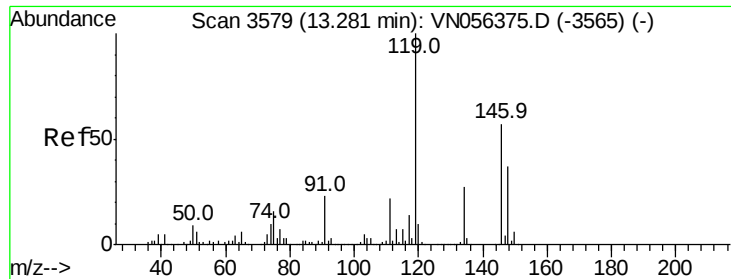
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.7 11.2 33.5





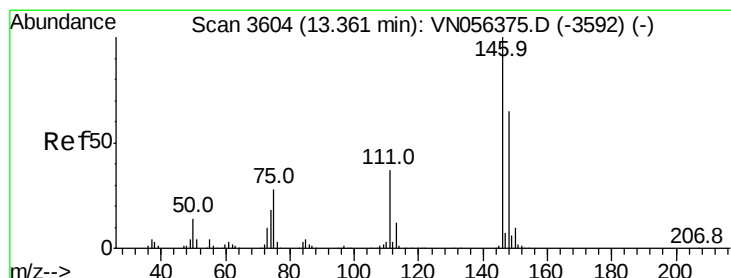
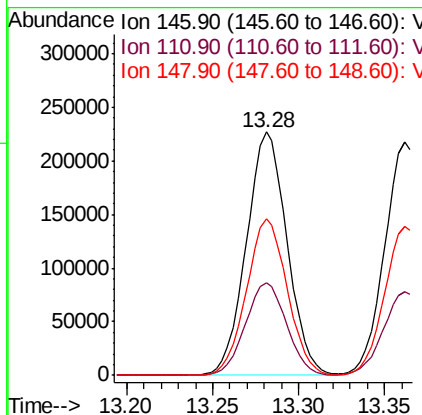
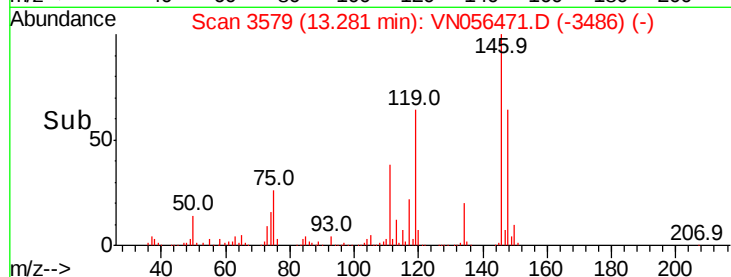
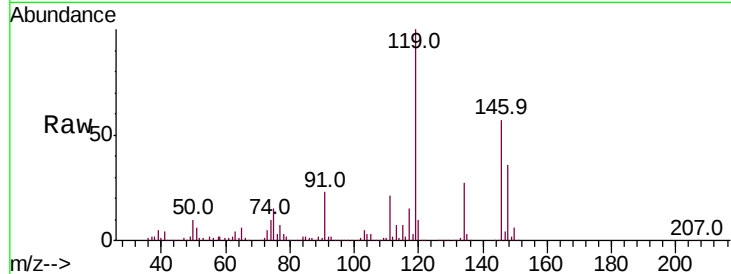
#87
 1,3-Dichlorobenzene
 Concen: 50.027 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.4	18.9	56.9	
148	64.6	32.1	96.5	

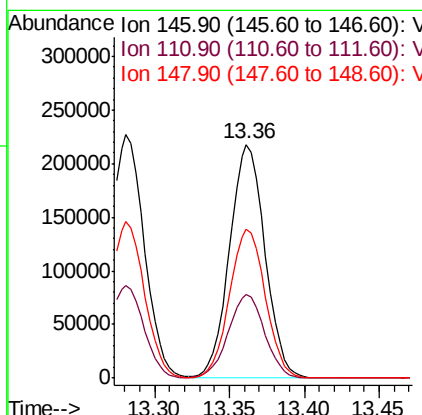
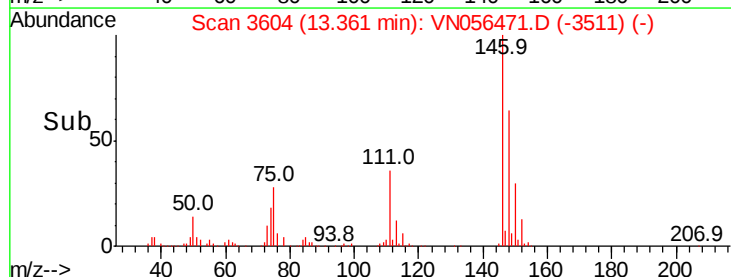
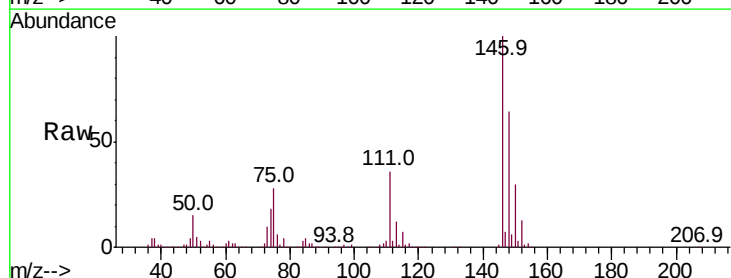
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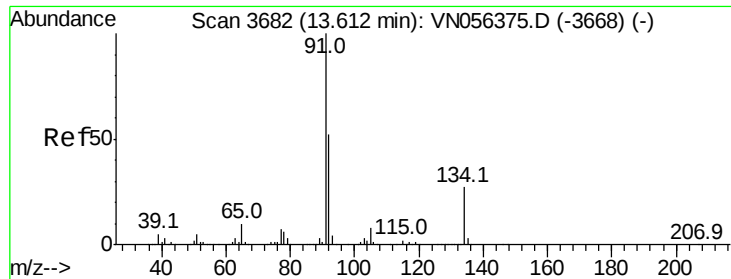
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 49.877 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	36.4	18.4	55.4	
148	64.6	32.4	97.0	





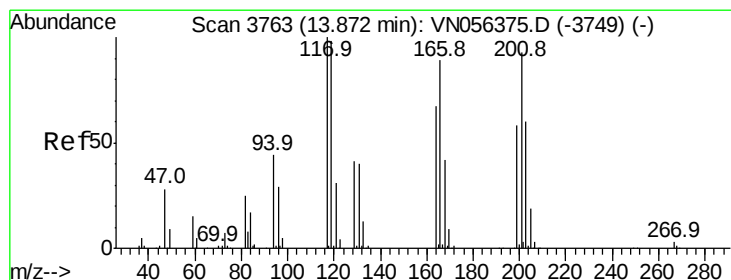
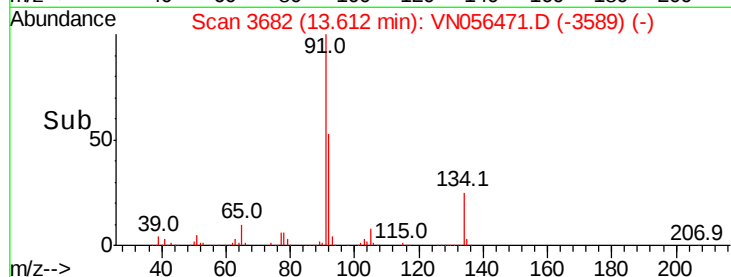
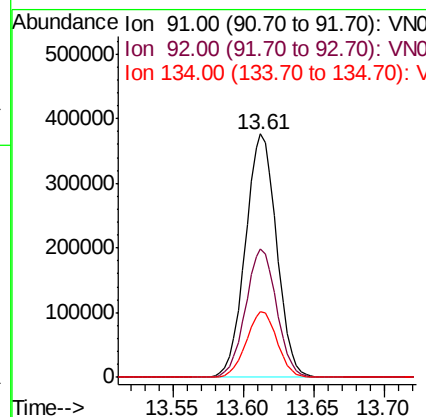
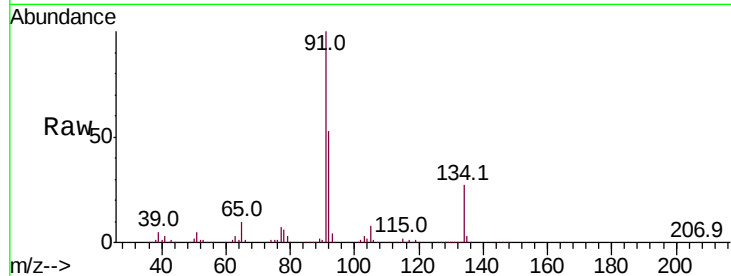
#89
n-Butylbenzene
Concen: 50.797 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.5
134	26.7	13.4	40.2

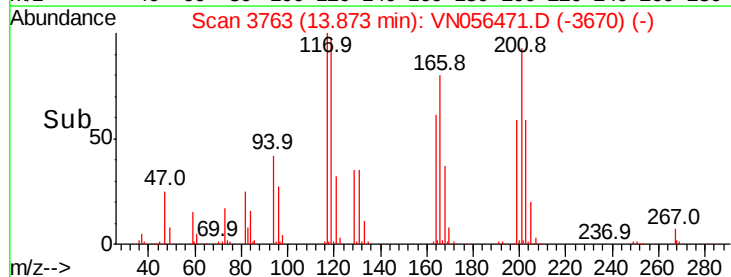
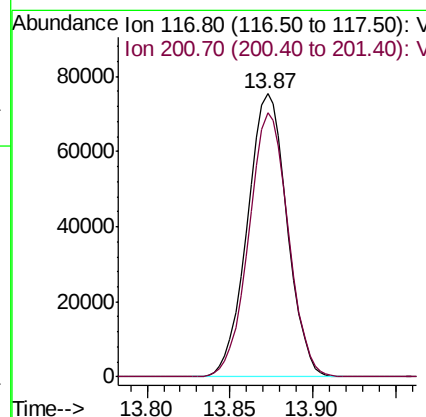
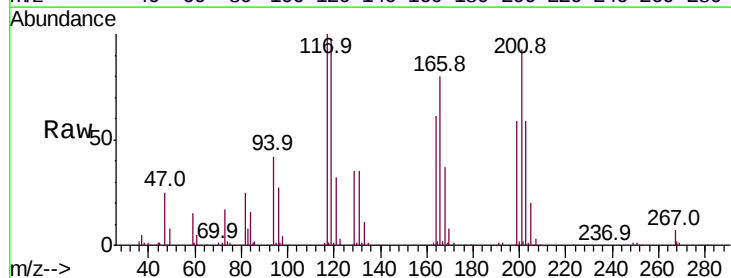
Manual Integrations
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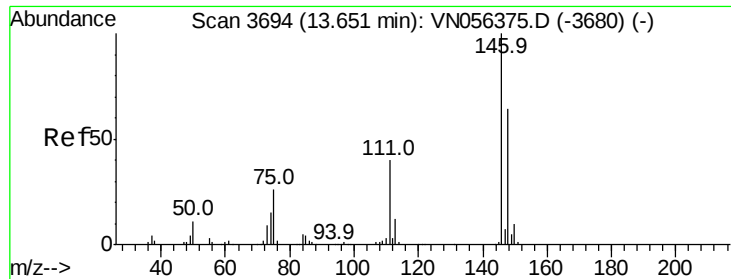
MMDadoda
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#90
Hexachloroethane
Concen: 53.295 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.5	45.9	137.6





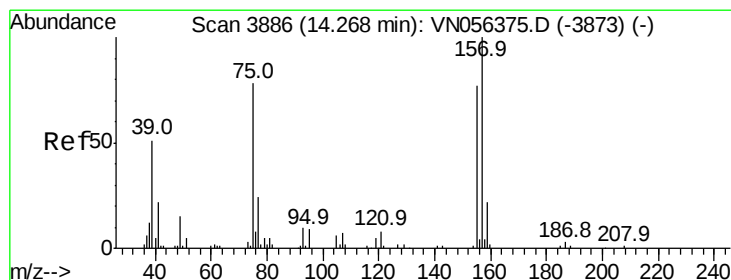
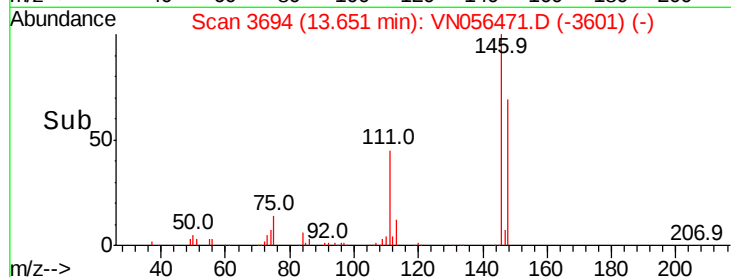
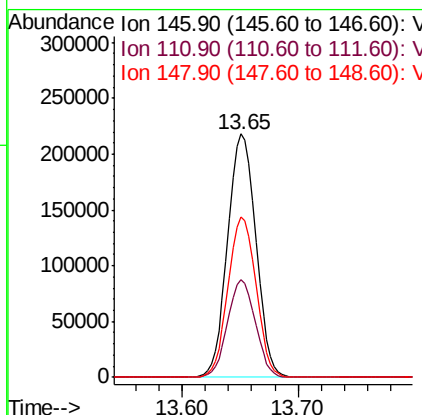
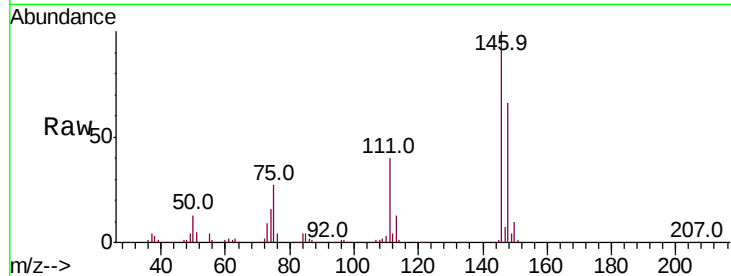
#91
 1,2-Dichlorobenzene
 Concen: 49.794 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.9
148	65.4	32.0	96.0

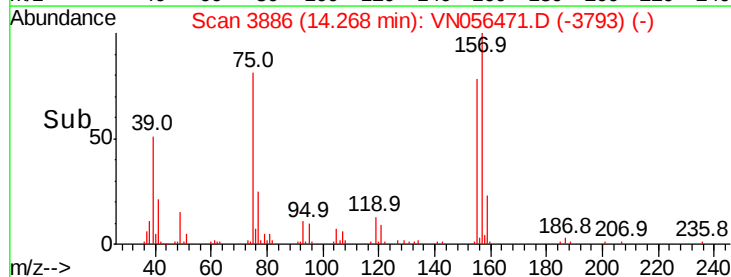
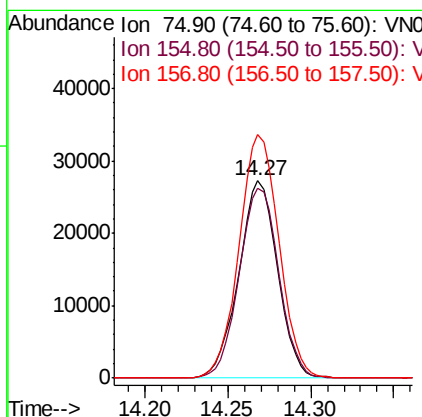
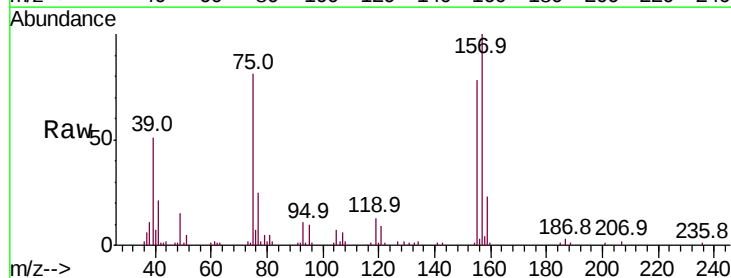
Manual Integrations
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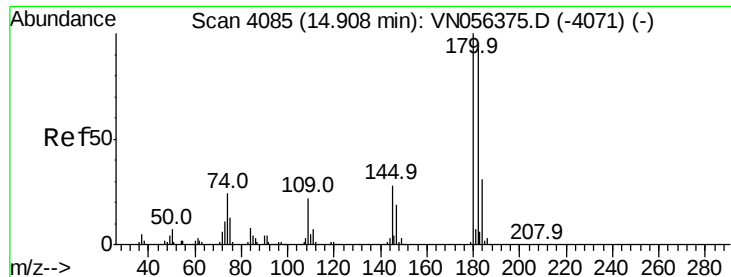
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.720 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	48.9	146.8
157	126.9	62.9	188.8





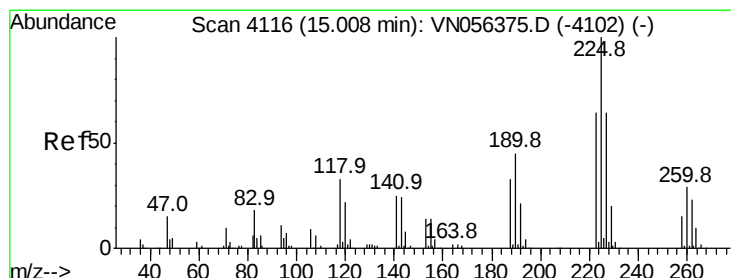
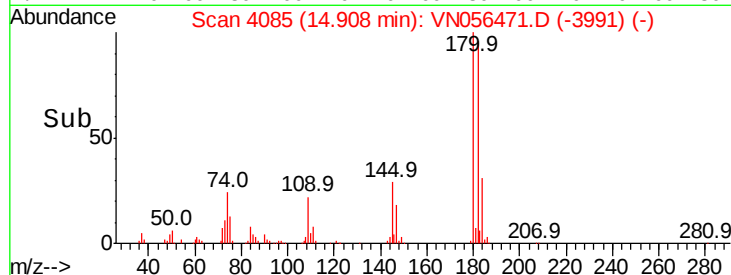
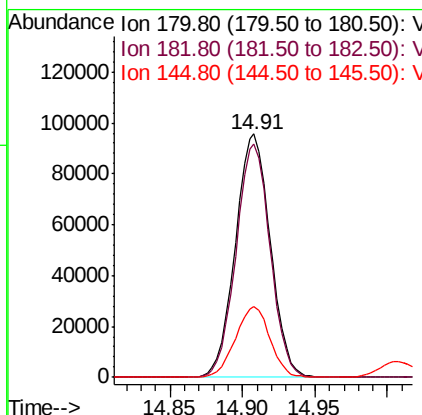
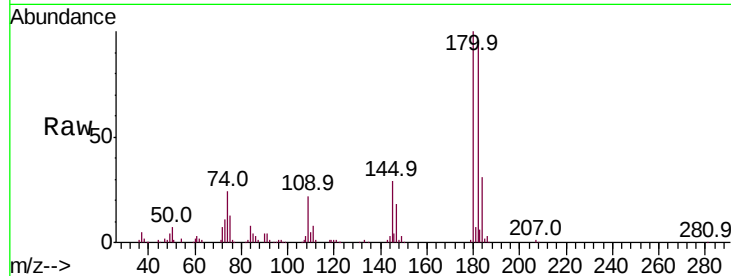
#93
 1,2,4-Trichlorobenzene
 Concen: 42.520 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.6
145	28.7	14.4	43.0

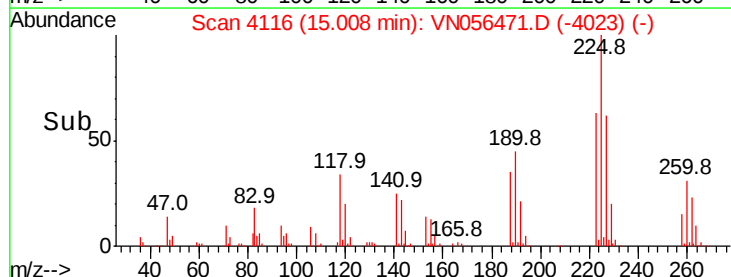
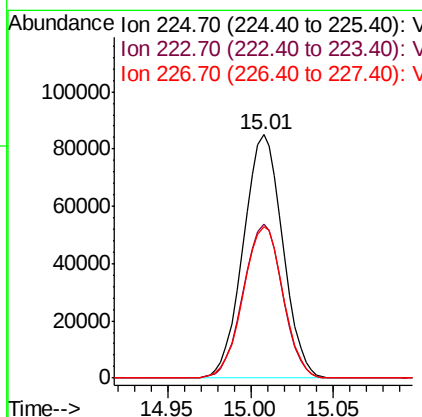
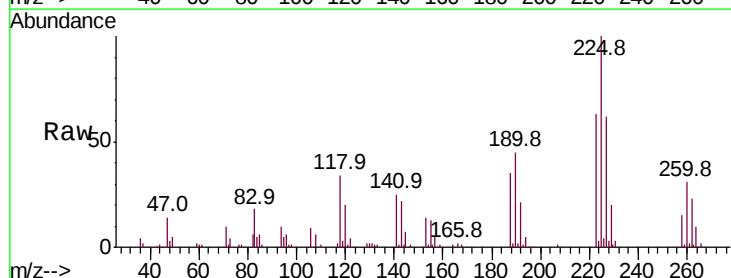
Manual Integrations
 APPROVED

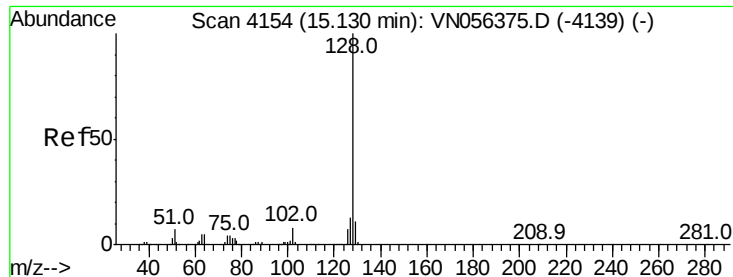
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 6/26/2019 9:28:13 AM



#94
 Hexachlorobutadiene
 Concen: 56.569 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.4	94.3
227	63.0	32.1	96.3





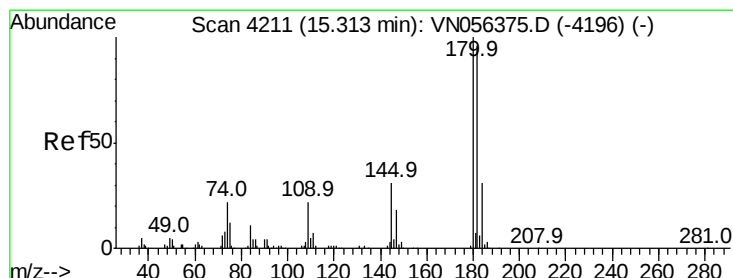
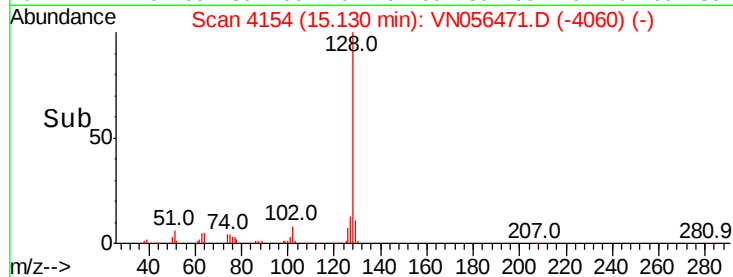
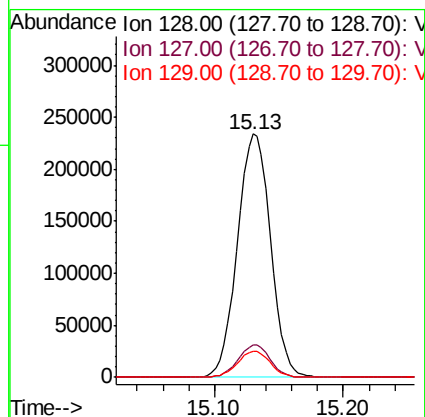
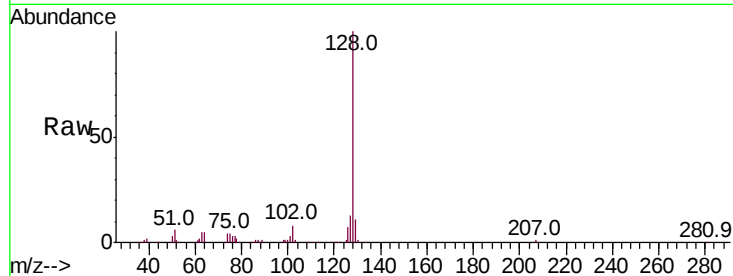
#95
Naphthalene
Concen: 42.527 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.7	8.6	12.8

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 44.567 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.3	144.8
145	29.8	15.4	46.1

