

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056474.D
 Acq On : 25 Jun 2019 10:25
 Operator : JC/SP
 Sample : VN0625WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 9:28:17 AM

Quant Time: Jun 26 04:07:10 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	352995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	549399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	201092	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	7.59	113	178195	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.09	98	660834	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.40	95	216236	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	58454	19.557	ug/l	97
3) Chloromethane	2.06	50	77165	18.960	ug/l	99
4) Vinyl Chloride	2.18	62	76838	19.548	ug/l	98
5) Bromomethane	2.53	94	49568m	21.510	ug/l	
6) Chloroethane	2.68	64	44998	19.767	ug/l	96
7) Trichlorofluoromethane	3.00	101	101544	19.970	ug/l	98
8) Diethyl Ether	3.41	74	42425	19.715	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	64720	19.959	ug/l	99
10) Methyl Iodide	3.95	142	79664	18.177	ug/l	100
11) Tert butyl alcohol	4.80	59	81128	123.121	ug/l	97
12) 1,1-Dichloroethene	3.73	96	60868	19.520	ug/l	98
13) Acrolein	3.60	56	41022	73.866	ug/l	98
14) Allyl chloride	4.32	41	106371	20.492	ug/l	99
15) Acrylonitrile	4.99	53	189526	103.968	ug/l	98
16) Acetone	3.82	43	197460	100.739	ug/l	99
17) Carbon Disulfide	4.05	76	122507	17.273	ug/l	99
18) Methyl Acetate	4.33	43	83646	21.290	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	209580	20.311	ug/l	98
20) Methylene Chloride	4.55	84	74228	19.546	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	64529	19.194	ug/l	96
22) Diisopropyl ether	5.95	45	221894	20.354	ug/l	97
23) Vinyl Acetate	5.90	43	906690	105.450	ug/l	100
24) 1,1-Dichloroethane	5.85	63	125975	20.131	ug/l	99
25) 2-Butanone	6.84	43	265077	102.180	ug/l	100
26) 2,2-Dichloropropane	6.82	77	87106	20.014	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	80879	20.562	ug/l	100
28) Bromochloromethane	7.20	49	61838	19.978	ug/l	97
29) Tetrahydrofuran	7.21	42	169231	106.748	ug/l	98
30) Chloroform	7.37	83	125457	20.317	ug/l	100
31) Cyclohexane	7.65	56	114055	18.879	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	100303	20.493	ug/l	99
36) 1,1-Dichloropropene	7.79	75	92386	19.105	ug/l	99
37) Ethyl Acetate	6.93	43	100354	21.117	ug/l #	92
38) Carbon Tetrachloride	7.77	117	82530	19.517	ug/l	100

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 Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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Manual Integrations
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MMDadoda
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 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)
39) Methylcyclohexane	9.08	83	108334	18.156	ug/l	99
40) Benzene	8.04	78	291484	19.596	ug/l	100
41) Methacrylonitrile	7.18	41	43405	20.684	ug/l #	89
42) 1,2-Dichloroethane	8.12	62	98299	20.025	ug/l	100
43) Isopropyl Acetate	8.17	43	150893	20.592	ug/l #	92
44) Trichloroethene	8.84	130	77864	19.433	ug/l	99
45) 1,2-Dichloropropane	9.12	63	79023	19.865	ug/l	100
46) Dibromomethane	9.21	93	50108	20.133	ug/l	99
47) Bromodichloromethane	9.40	83	90078	20.407	ug/l	99
48) Methyl methacrylate	9.20	41	74055	20.167	ug/l	99
49) 1,4-Dioxane	9.20	88	33298	436.955	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	484071	102.348	ug/l	100
52) Toluene	10.16	92	178414	19.619	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	89824	19.353	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	108691	20.448	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	75141	20.556	ug/l	98
56) Ethyl methacrylate	10.43	69	108176	20.250	ug/l	99
57) 1,3-Dichloropropane	10.71	76	122590	19.963	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	164117	85.515	ug/l	100
59) 2-Hexanone	10.75	43	351368	101.080	ug/l	99
60) Dibromochloromethane	10.90	129	68754	19.809	ug/l	100
61) 1,2-Dibromoethane	11.00	107	75731	20.285	ug/l	99
64) Tetrachloroethene	10.63	164	76120	20.070	ug/l	99
65) Chlorobenzene	11.43	112	190406	19.785	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	69199	21.275	ug/l	99
67) Ethyl Benzene	11.51	91	333068	19.711	ug/l	98
68) m/p-Xylenes	11.62	106	249191	40.240	ug/l	99
69) o-Xylene	11.95	106	124140	20.262	ug/l	97
70) Styrene	11.96	104	196714	20.087	ug/l	99
71) Bromoform	12.13	173	47063	19.951	ug/l #	98
73) Isopropylbenzene	12.25	105	327789	22.289	ug/l	100
74) N-amyl acetate	12.07	43	120104	20.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	102884	22.411	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	83311m	21.892	ug/l	
77) Bromobenzene	12.53	156	83947	20.456	ug/l	100
78) n-propylbenzene	12.59	91	337805	20.099	ug/l	100
79) 2-Chlorotoluene	12.67	91	212017	21.567	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	263770	21.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	22743	21.240	ug/l	97
82) 4-Chlorotoluene	12.77	91	195335	19.684	ug/l	100
83) tert-Butylbenzene	12.99	119	239612	22.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	246795	19.975	ug/l	100
85) sec-Butylbenzene	13.17	105	300359	20.332	ug/l	100
86) p-Isopropyltoluene	13.29	119	254425	20.068	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	123525	19.862	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	116021	19.263	ug/l	99
89) n-Butylbenzene	13.61	91	173461	18.074	ug/l	100
90) Hexachloroethane	13.87	117	41088	20.788	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	122458	19.846	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13233	19.486	ug/l	99

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ClientSampleId :
VN0625WBS01

Manual Integrations
APPROVED

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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)
93) 1,2,4-Trichlorobenzene	14.91	180	37813	16.061	ug/l	97
94) Hexachlorobutadiene	15.01	225	46269	21.039	ug/l	98
95) Naphthalene	15.13	128	107740	16.728	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	46767	17.269	ug/l	98

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

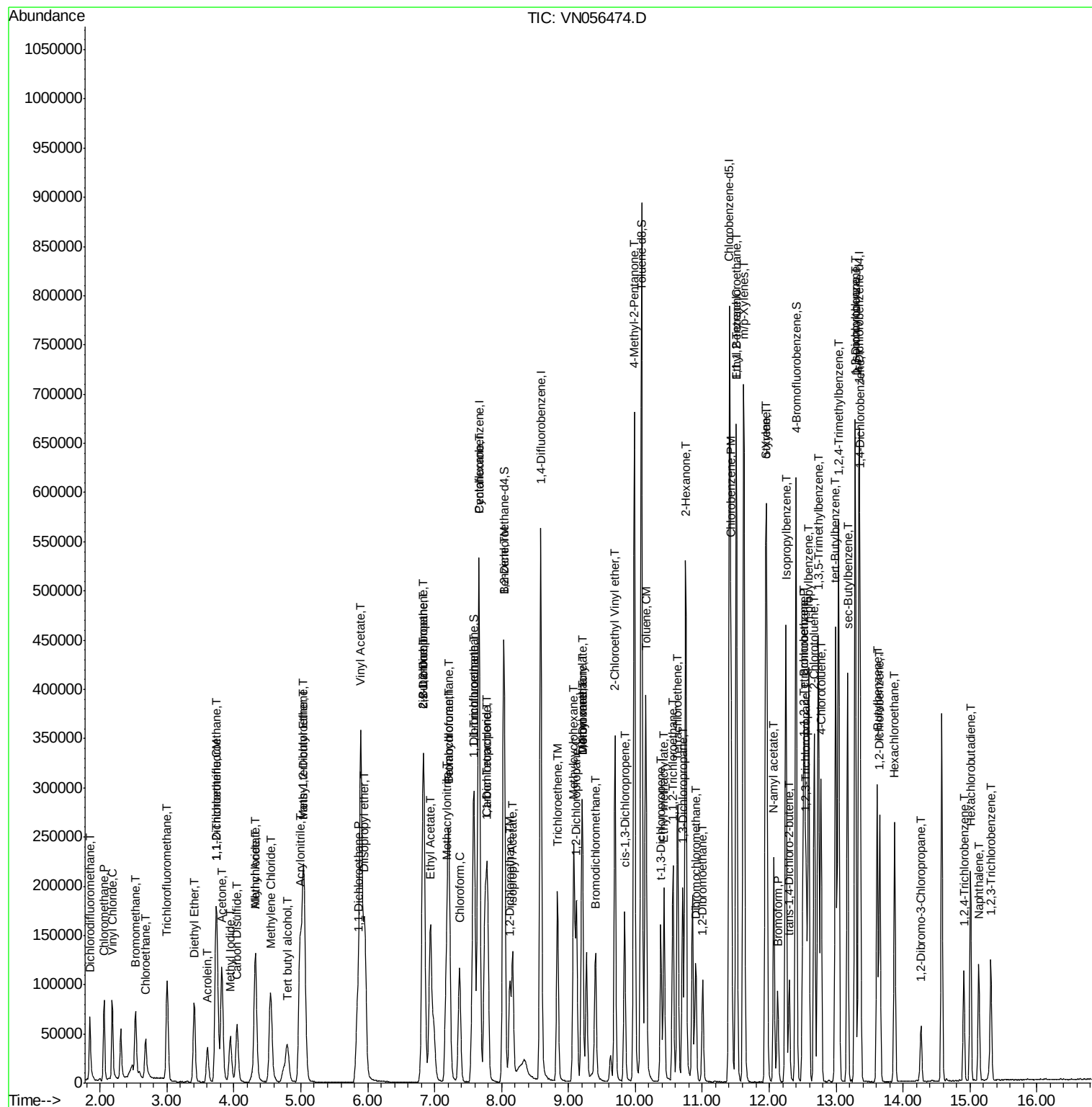
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056474.D
 Acq On : 25 Jun 2019 10:25
 Operator : JC/SP
 Sample : VN0625WBS01
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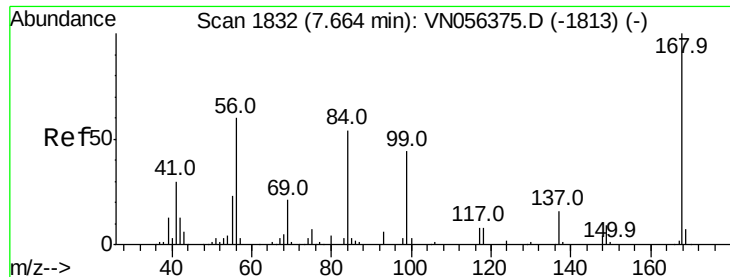
Instrument :
 MSVOA_N
 Client Sample Id :
 VN0625WBS01

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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion:168 Resp: 352995

Ion Ratio Lower Upper

168 100

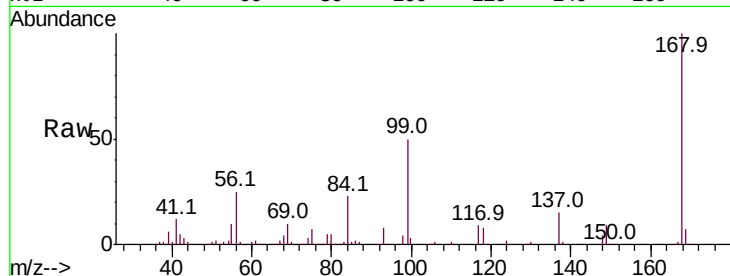
99 49.5 40.6 61.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

100000

50000

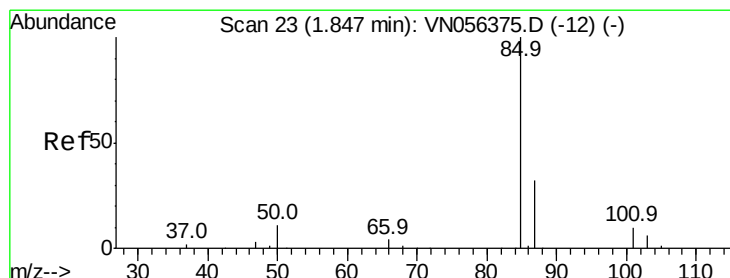
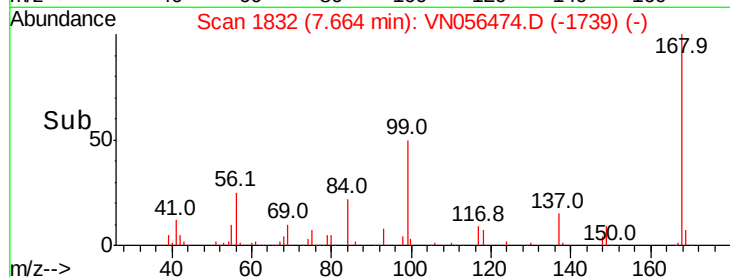
0

7.66

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.557 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056474.D

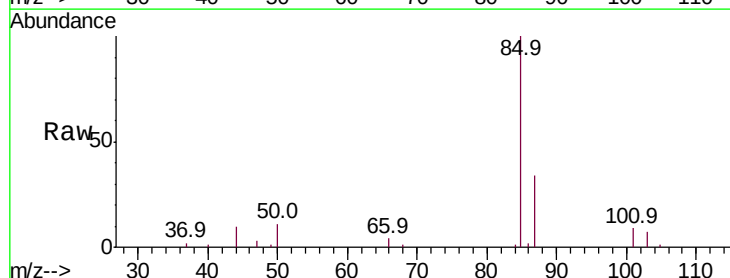
Acq: 25 Jun 2019 10:25

Tgt Ion: 85 Resp: 58454

Ion Ratio Lower Upper

85 100

87 33.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

40000

30000

20000

10000

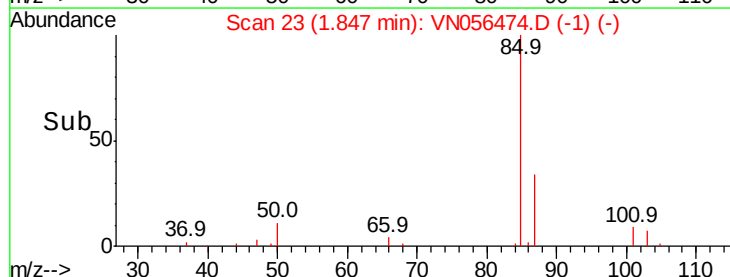
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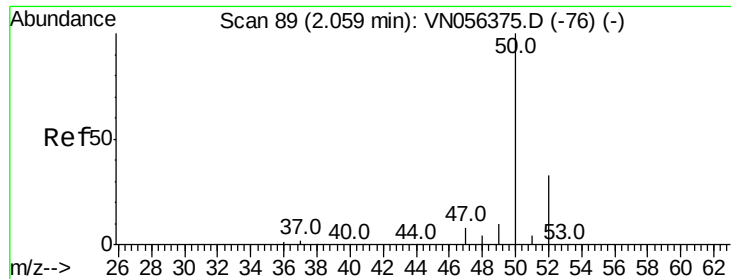
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 18.960 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion: 50 Resp: 77165

Ion Ratio Lower Upper

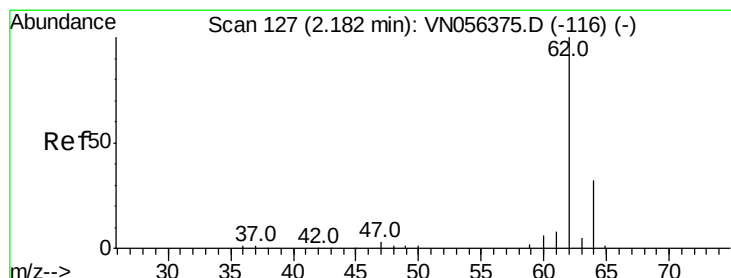
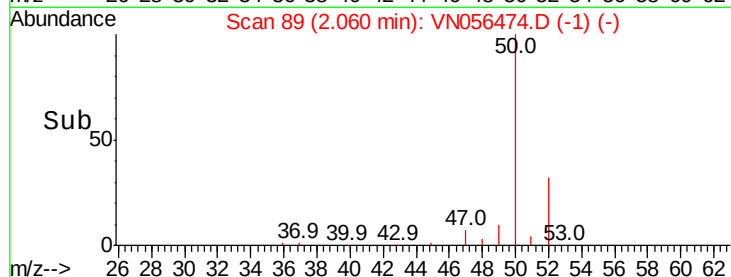
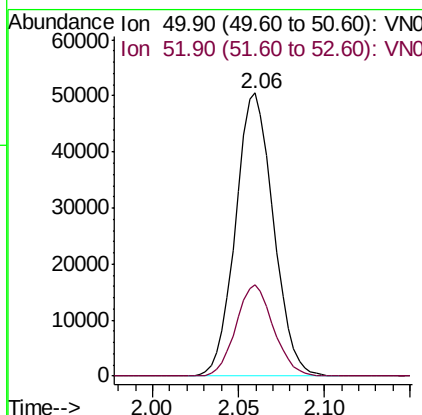
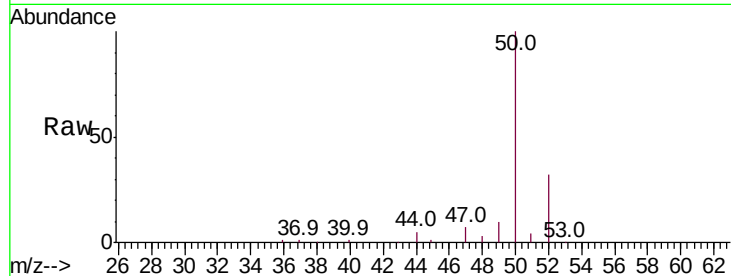
50 100

52 32.3 26.5 39.7

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.548 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056474.D

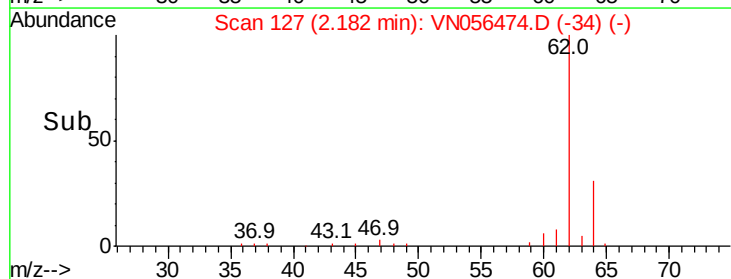
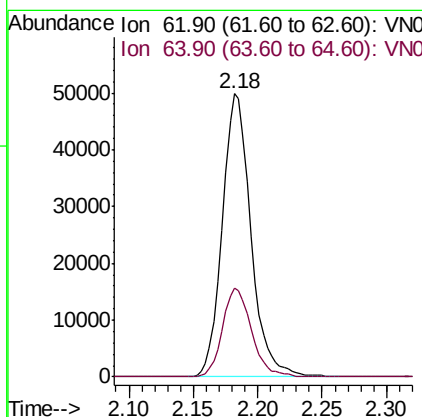
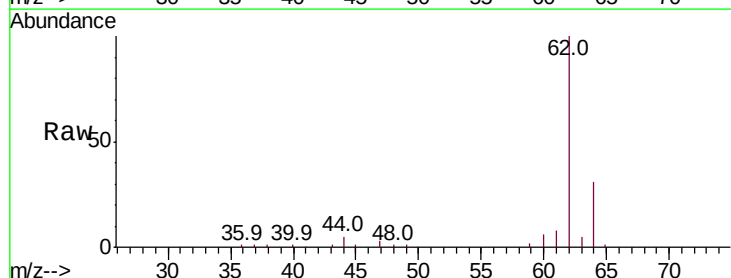
Acq: 25 Jun 2019 10:25

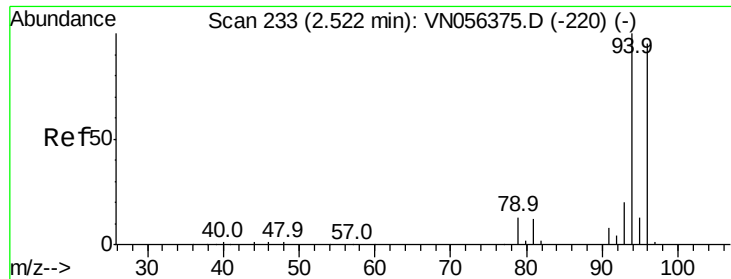
Tgt Ion: 62 Resp: 76838

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 21.510 ug/l m

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion: 94 Resp: 49568

Ion Ratio Lower Upper

94 100

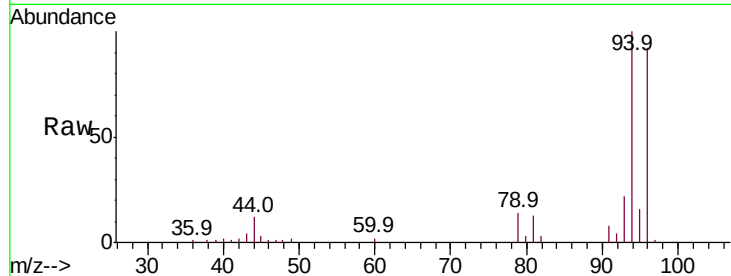
96 92.4 76.0 114.0

Manual Integrations

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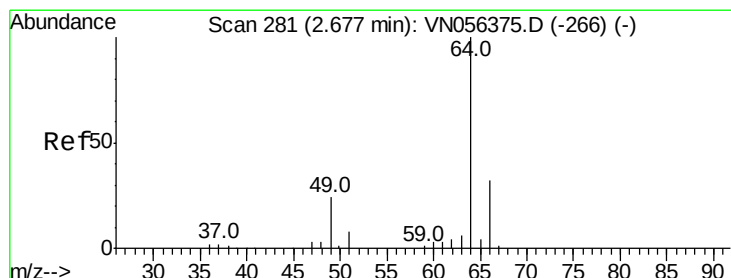
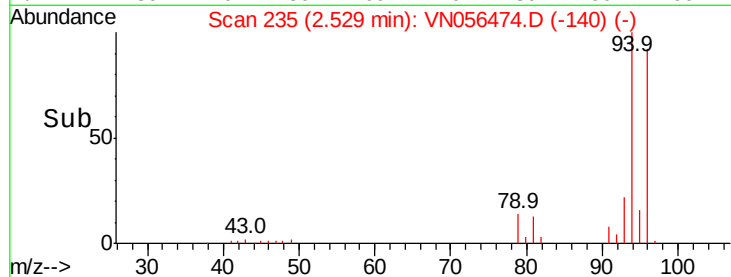
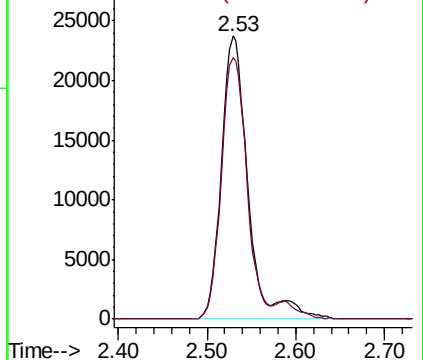
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.767 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN056474.D

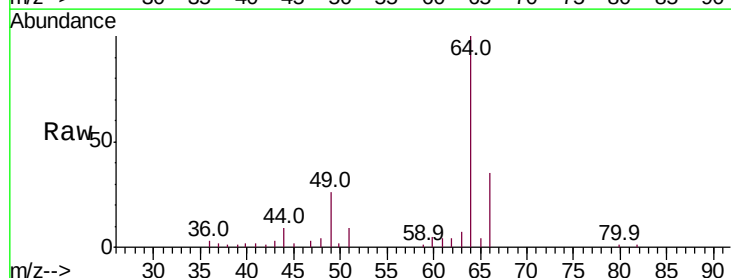
Acq: 25 Jun 2019 10:25

Tgt Ion: 64 Resp: 44998

Ion Ratio Lower Upper

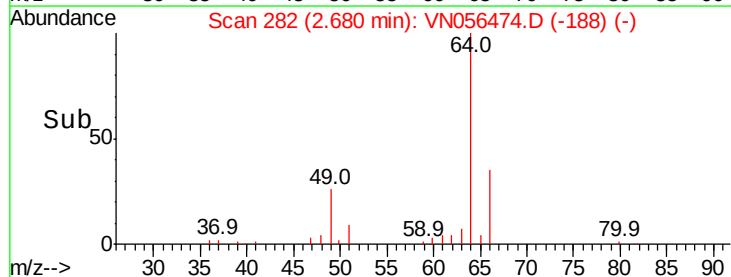
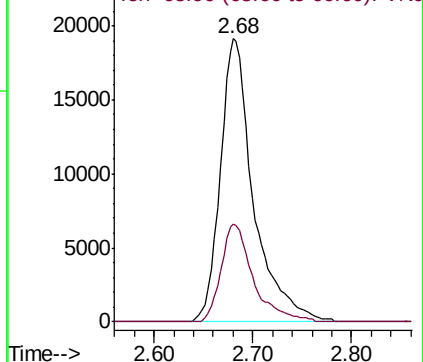
64 100

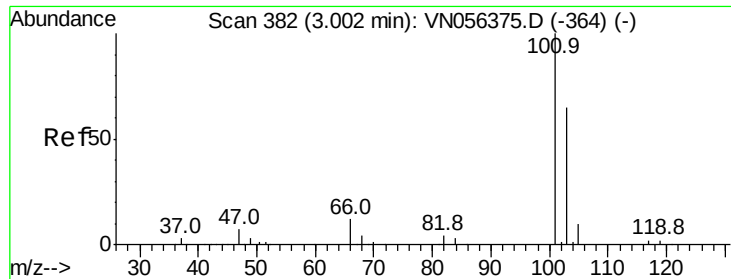
66 34.7 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

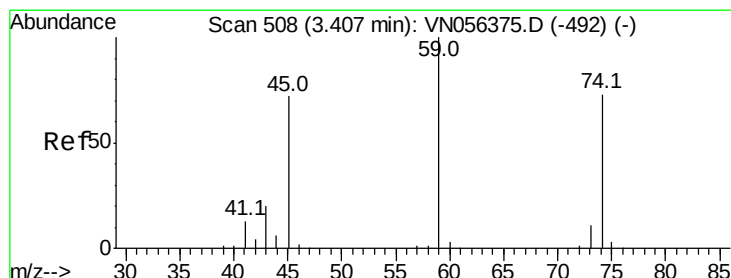
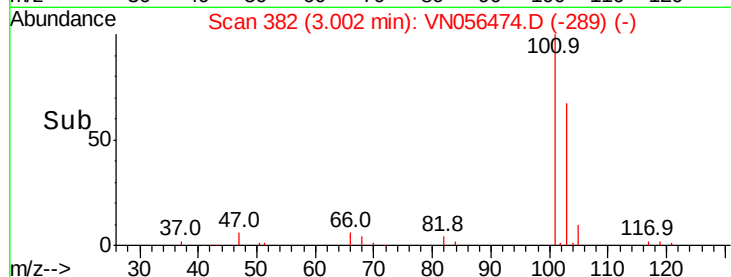
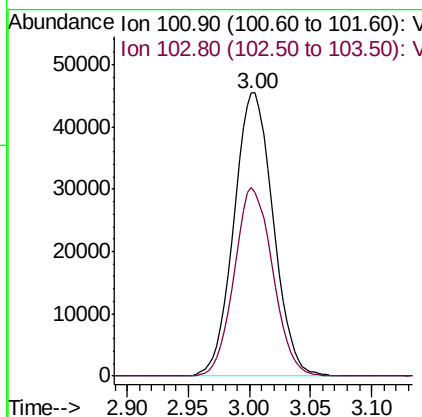
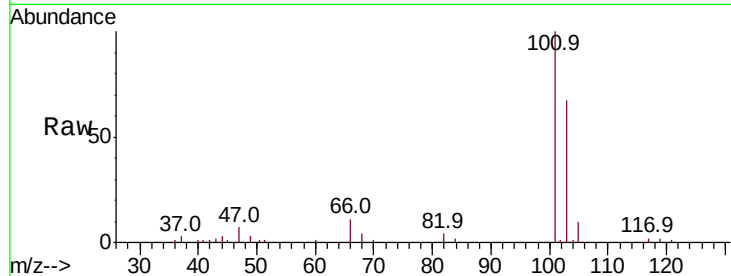
Trichlorofluoromethane
Concen: 19.970 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.7	77.5

Manual Integrations
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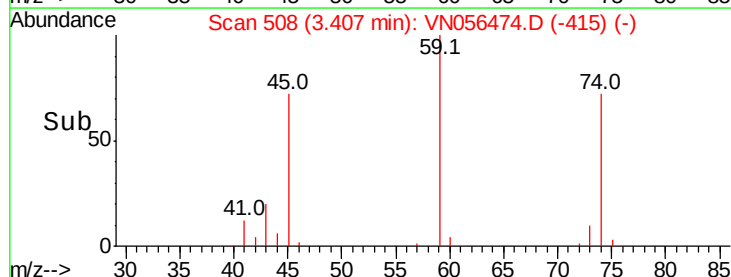
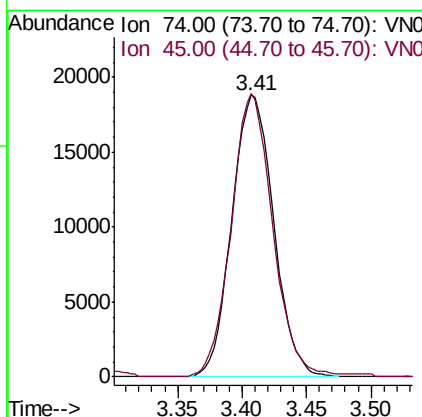
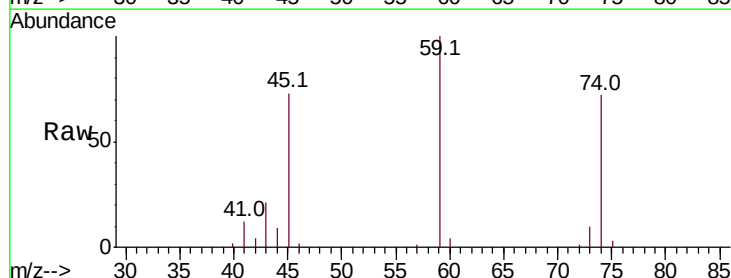
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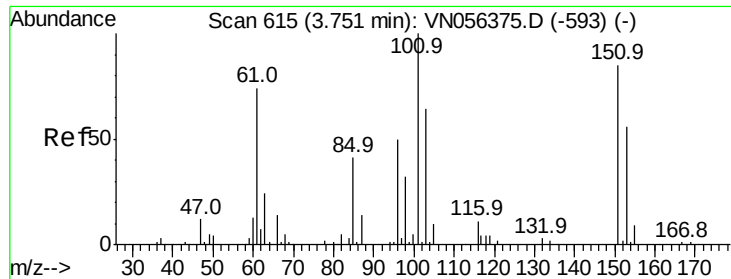


#8

Diethyl Ether
Concen: 19.715 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	48.9	146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.959 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

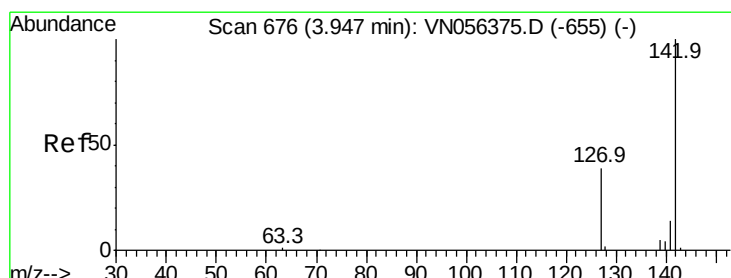
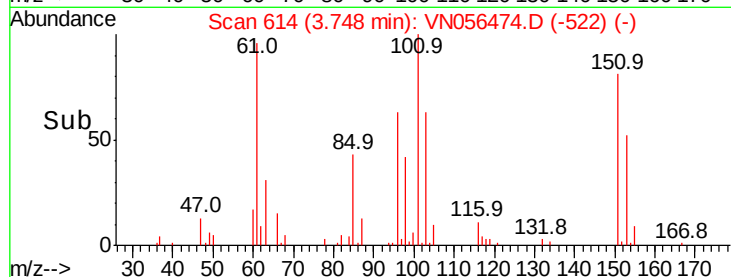
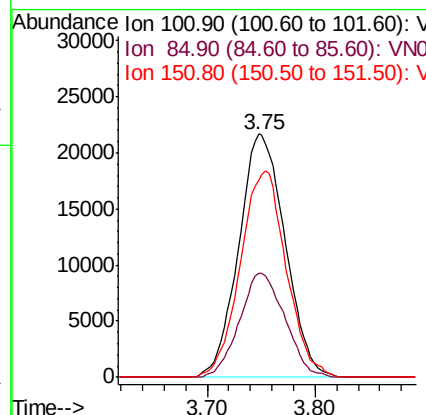
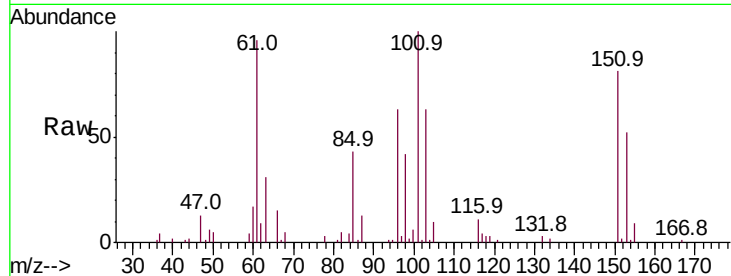
ClientSampleId :

VN0625WBS01

Tot Ion:	101	Resp:	64720
Ion Ratio	Lower	Upper	
101	100		
85	41.9	32.7	49.1
151	83.9	66.8	100.2

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#10

Methyl Iodide

Concen: 18.177 ug/l

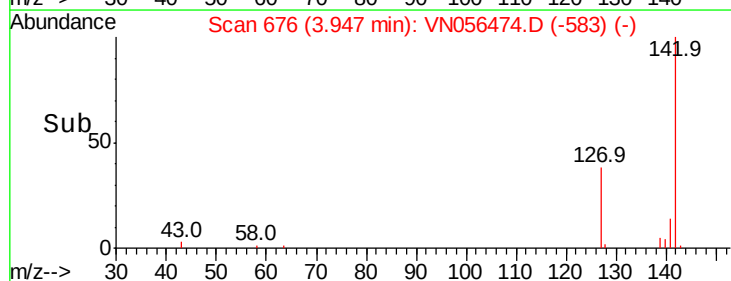
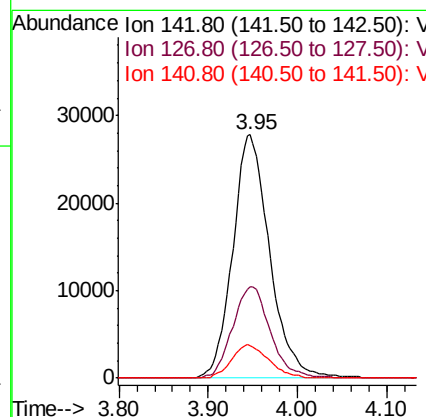
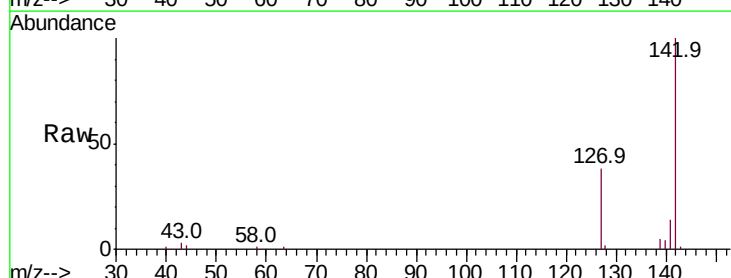
RT: 3.95 min Scan# 676

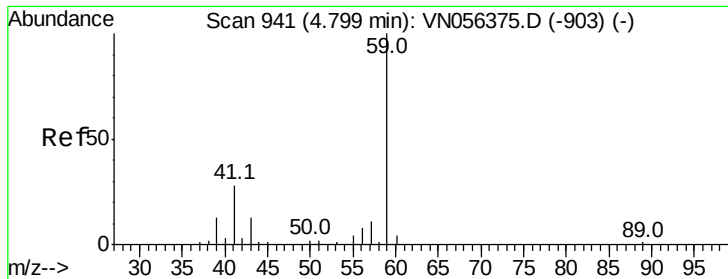
Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Tgt Ion:	142	Resp:	79664
Ion Ratio	Lower	Upper	
142	100		
127	38.4	30.6	46.0
141	13.8	11.4	17.2





#11

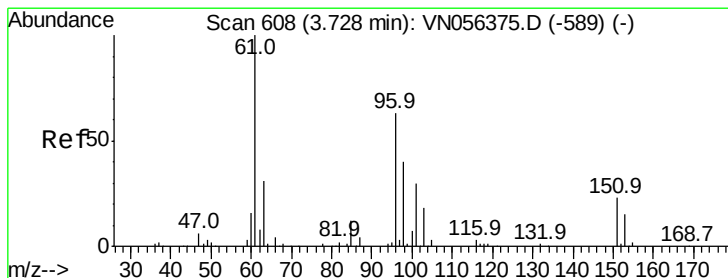
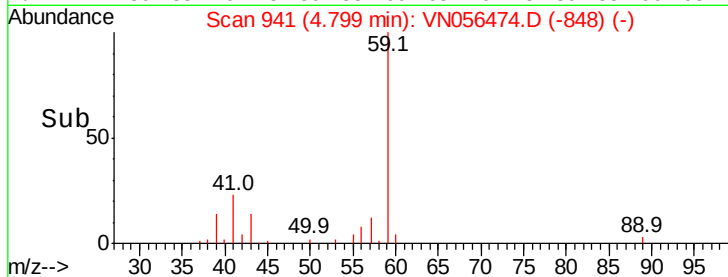
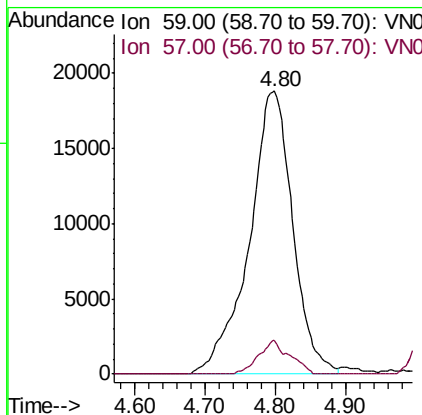
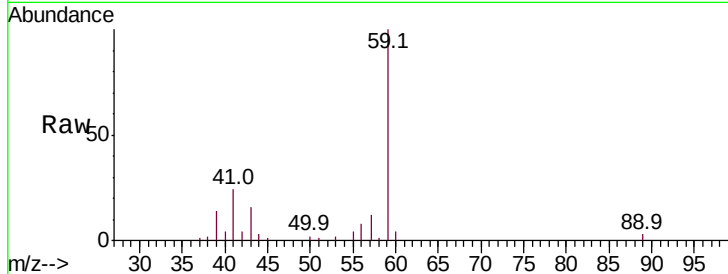
Tert butyl alcohol
Concen: 123.121 ug/l
RT: 4.80 min Scan# 941
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	59	Ratio	Lower	Upper
59	100			
57	8.5		7.6	11.4

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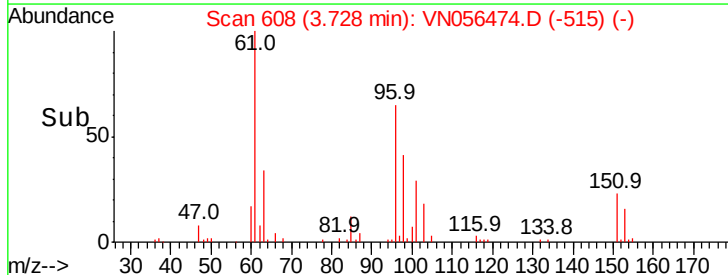
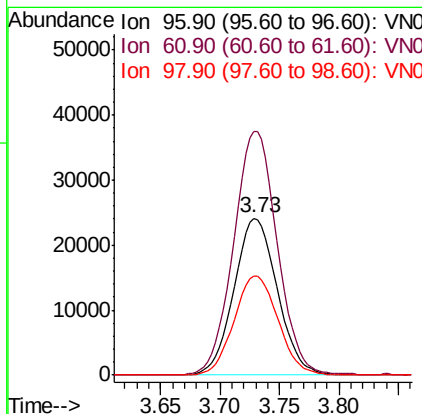
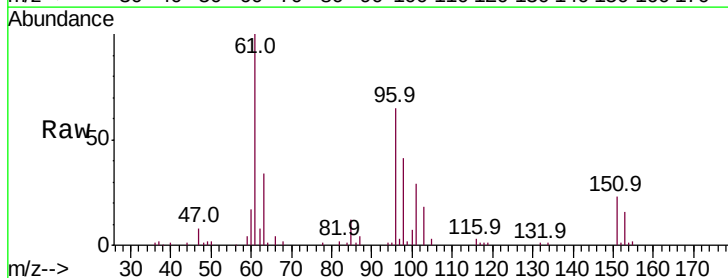
MMDadoda
6/26/2019 9:28:17 AM

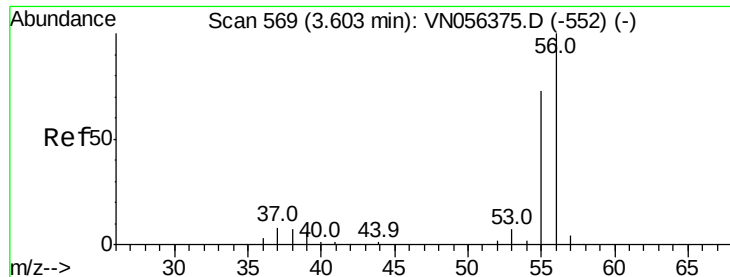


#12

1,1-Dichloroethene
Concen: 19.520 ug/l
RT: 3.73 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	96	Ratio	Lower	Upper
96	100			
61	154.2		126.6	190.0
98	63.2		51.1	76.7





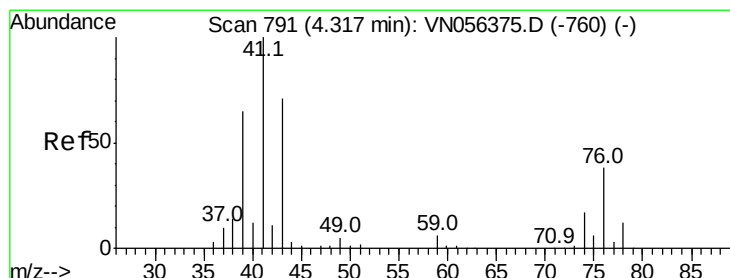
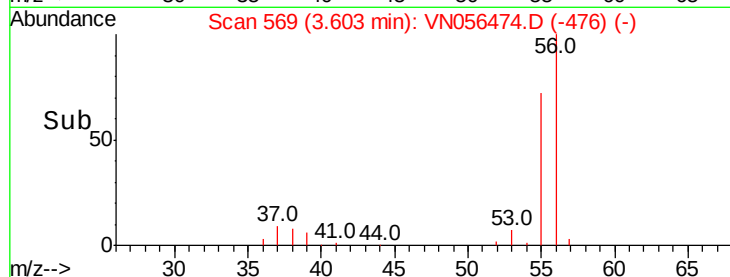
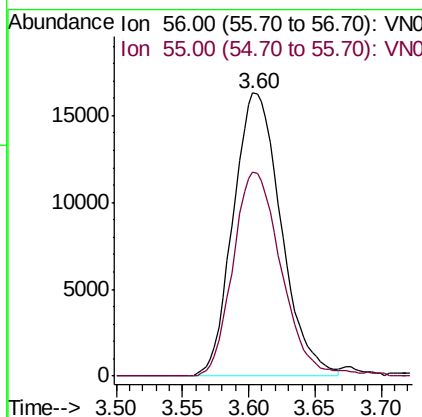
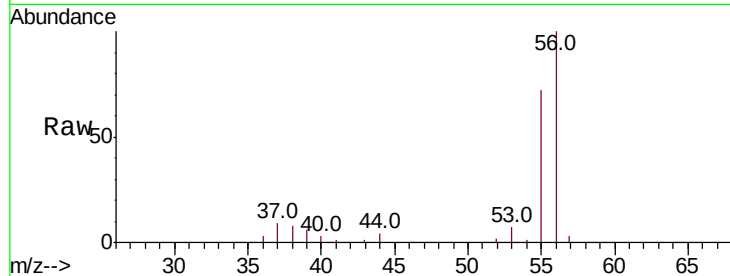
#13
Acrolein
Concen: 73.866 ug/l
RT: 3.60 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	56	Resp	41022
Ion Ratio	Lower	Upper	
56	100		
55	73.0	57.1	85.7

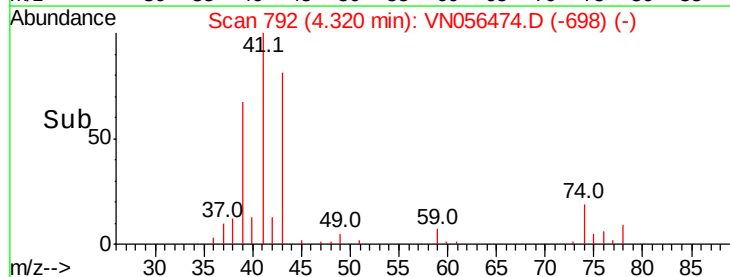
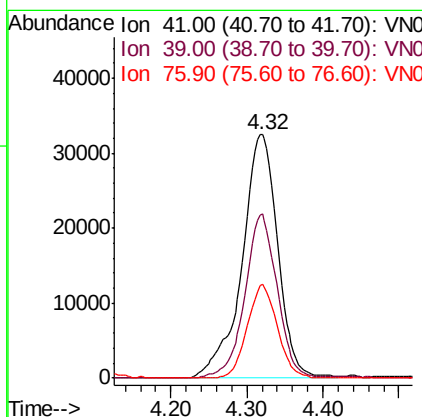
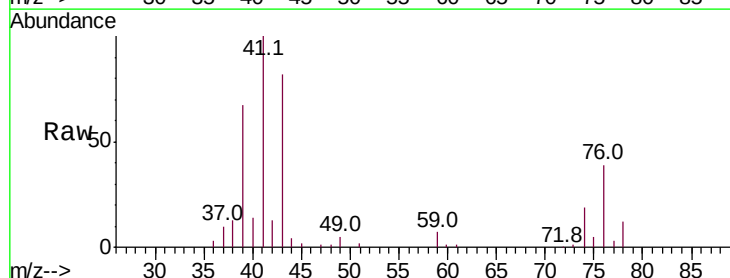
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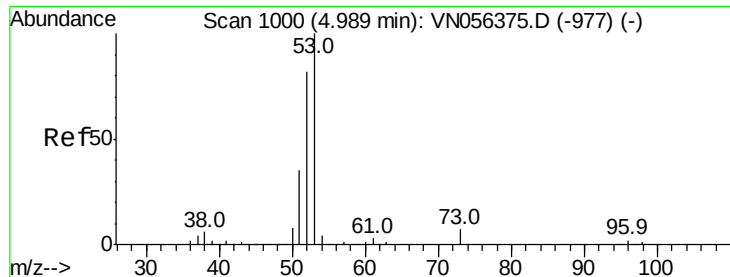
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#14
Allyl chloride
Concen: 20.492 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	41	Resp	106371
Ion Ratio	Lower	Upper	
41	100		
39	60.6	48.6	73.0
76	32.2	26.6	40.0





#15

Acrylonitrile

Concen: 103.968 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

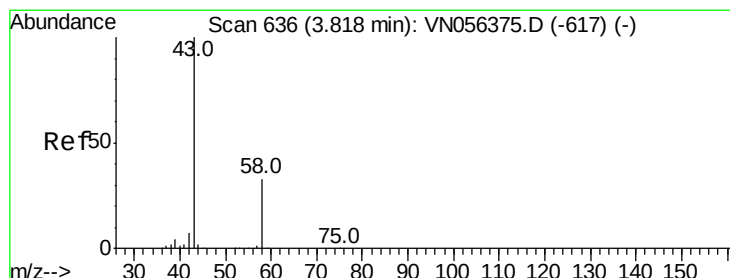
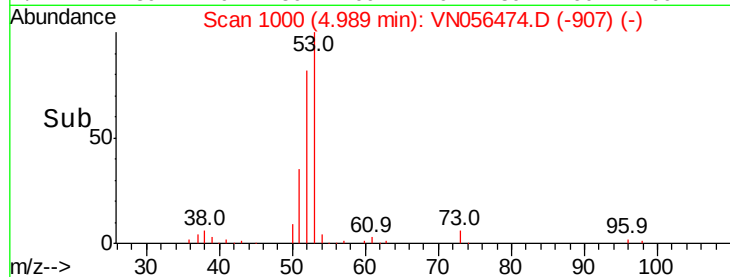
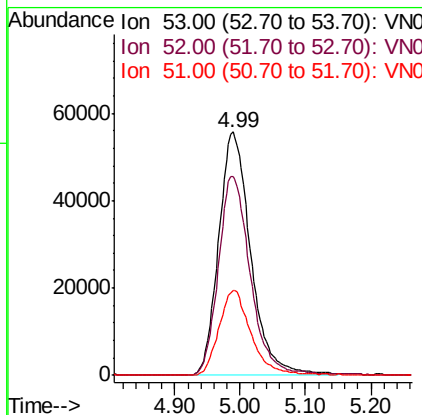
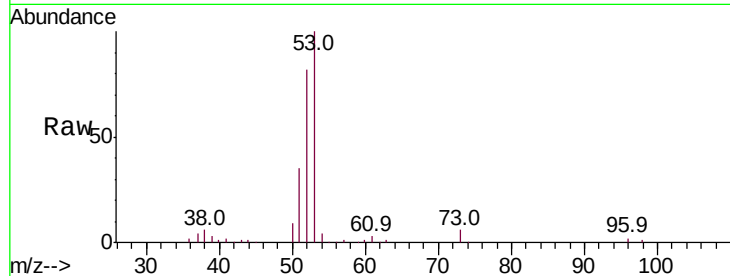
ClientSampleId :

VN0625WBS01

Tot Ion	53	Resp	189526
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.9	98.9
51	35.0	28.3	42.5

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#16

Acetone

Concen: 100.739 ug/l

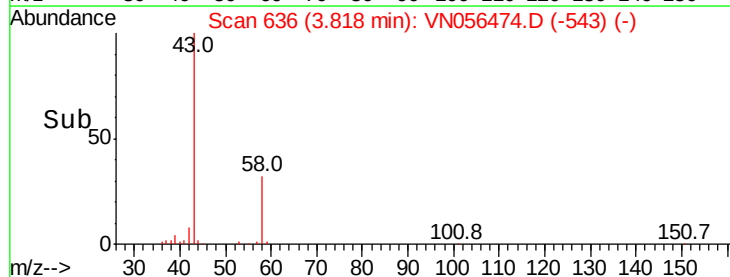
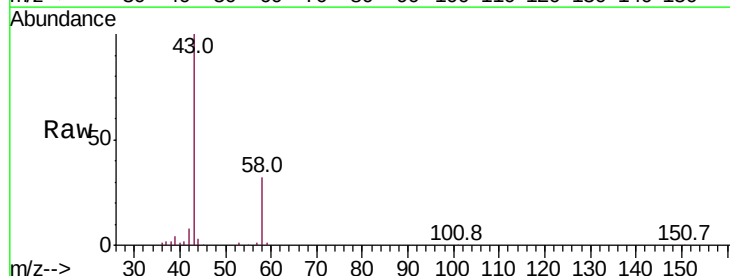
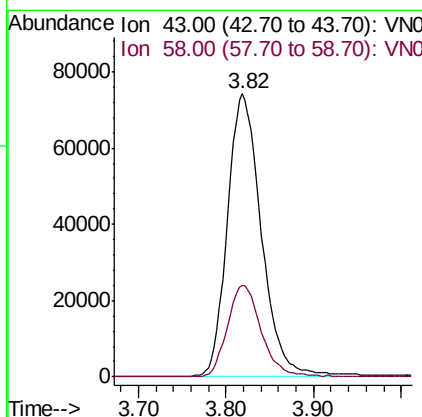
RT: 3.82 min Scan# 636

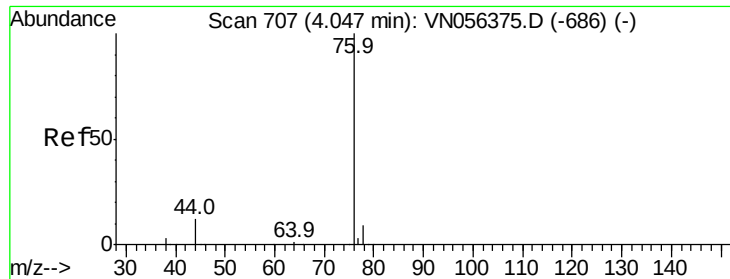
Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Tgt Ion	43	Resp	197460
Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.4	39.6





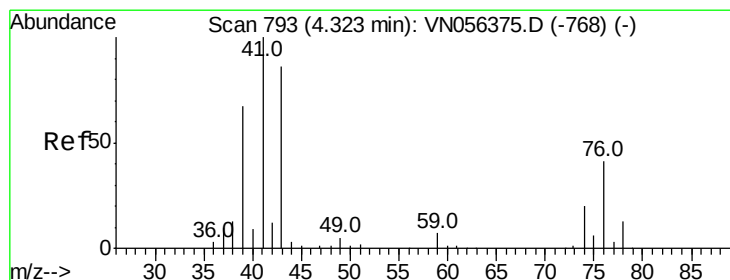
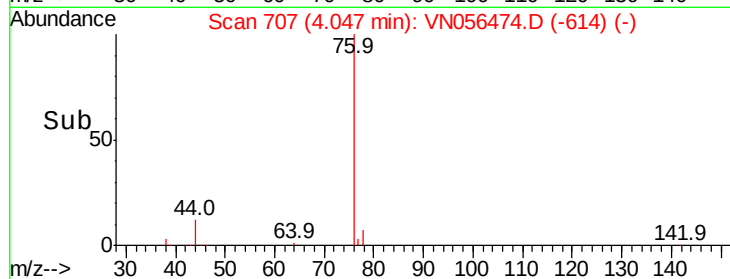
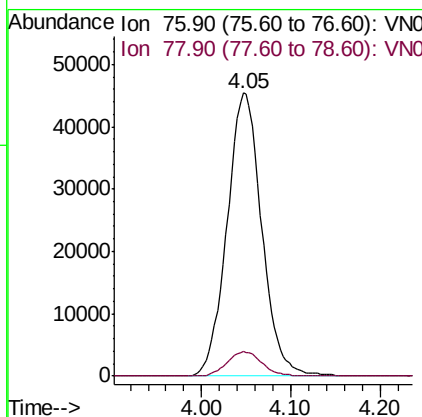
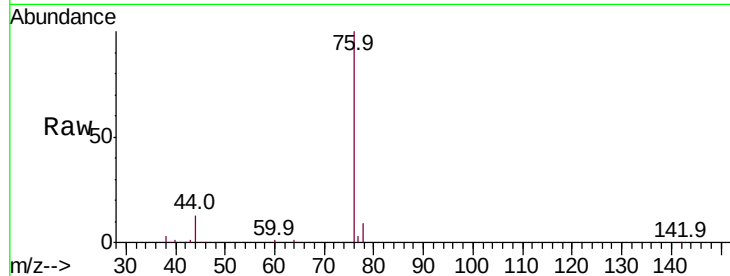
#17
Carbon Disulfide
Concen: 17.273 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7

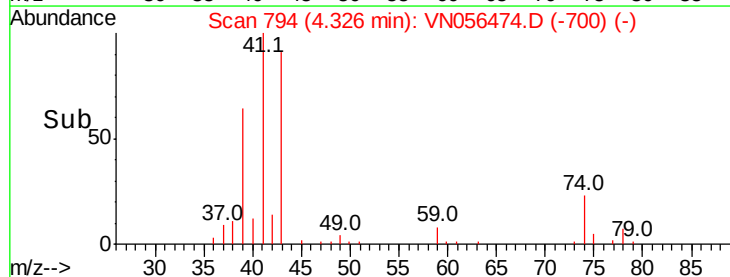
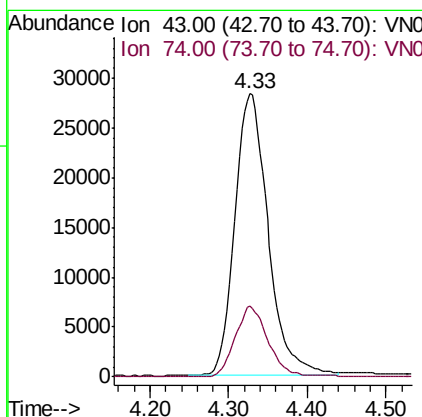
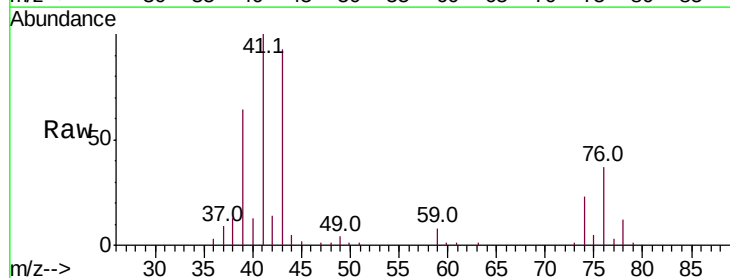
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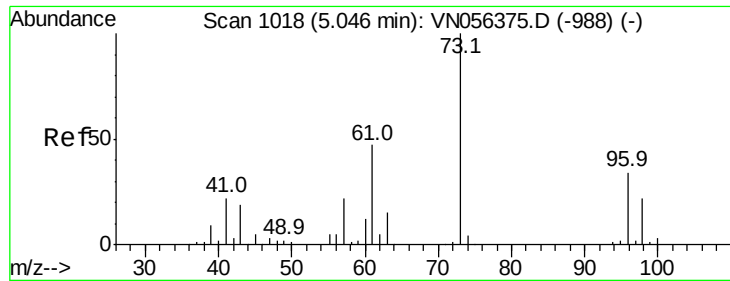
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#18
Methyl Acetate
Concen: 21.290 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.2	28.8





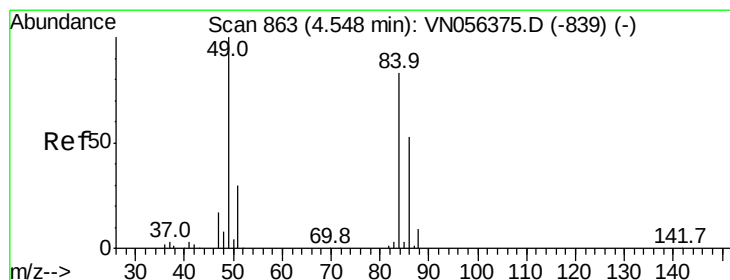
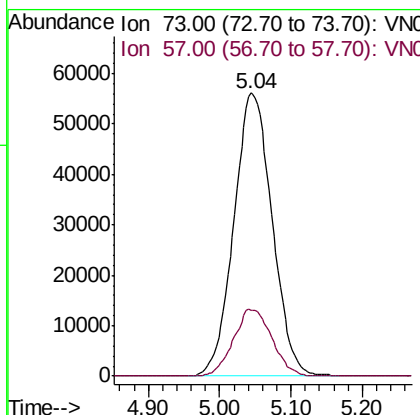
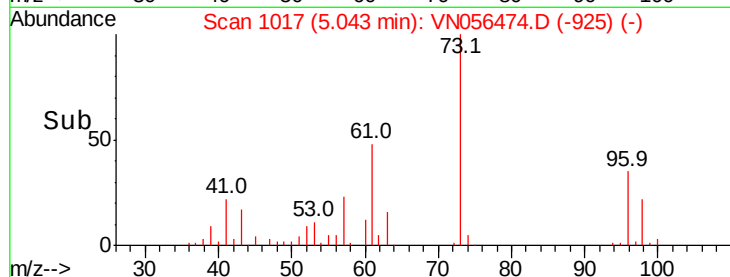
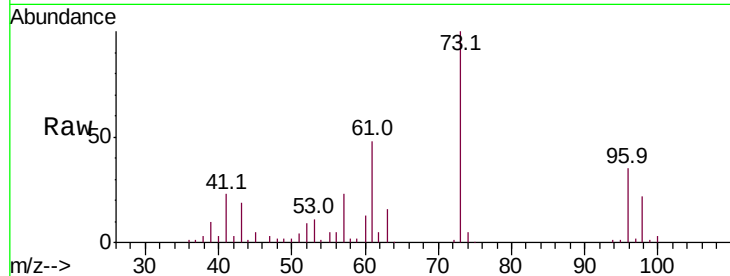
#19
Methyl tert-butyl Ether
Concen: 20.311 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion: 73 Resp: 209580
Ion Ratio Lower Upper
73 100
57 23.4 17.9 26.9

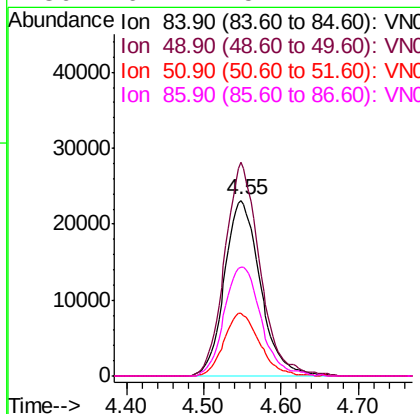
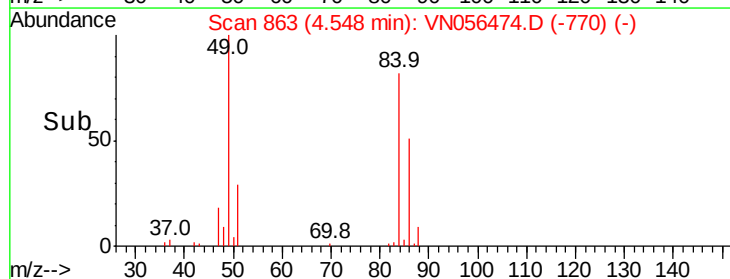
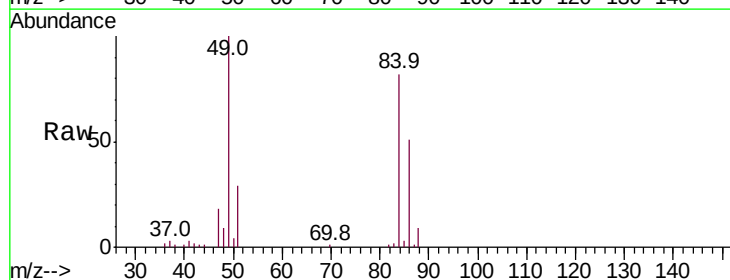
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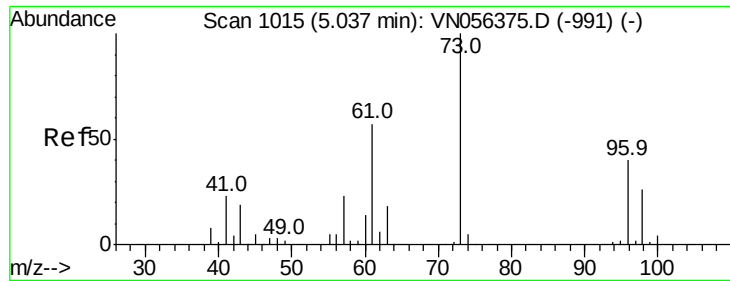
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#20
Methylene Chloride
Concen: 19.546 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion: 84 Resp: 74228
Ion Ratio Lower Upper
84 100
49 121.7 96.4 144.6
51 35.5 28.6 43.0
86 62.2 51.4 77.2





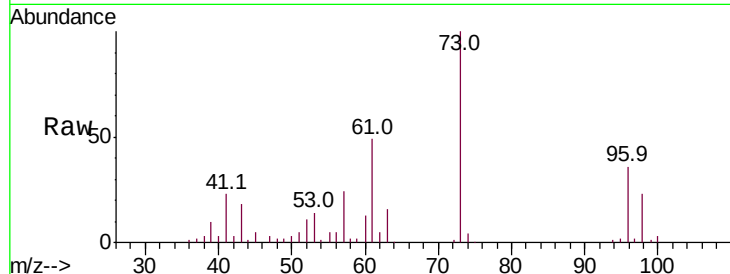
#21
trans-1,2-Dichloroethene
Concen: 19.194 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	113.0	169.6
98	62.9	52.2	78.2

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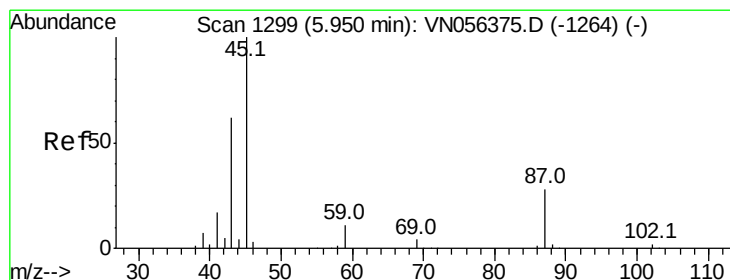
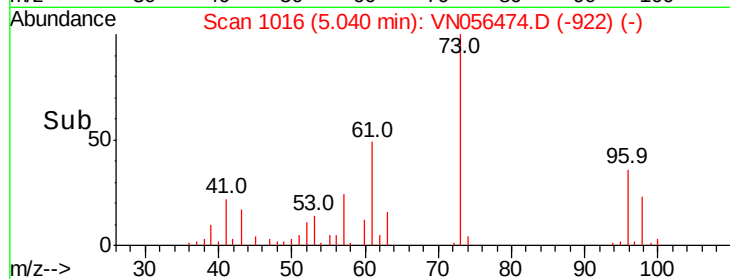
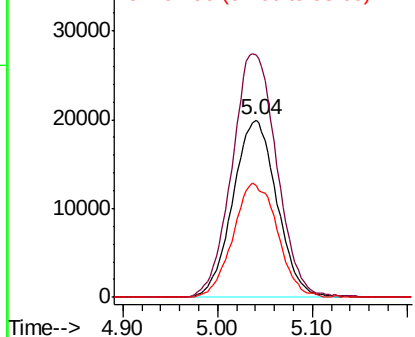


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22
Diisopropyl ether
Concen: 20.354 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.5	50.4	75.6
87	27.7	23.0	34.4
59	11.4	9.1	13.7

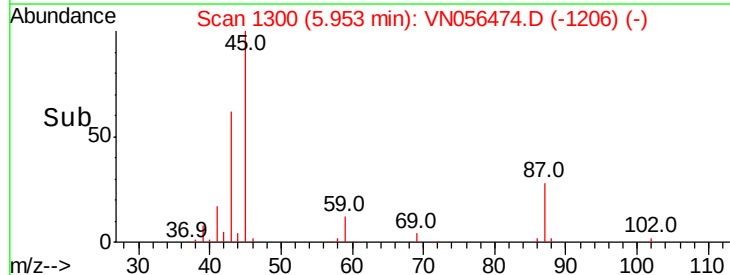
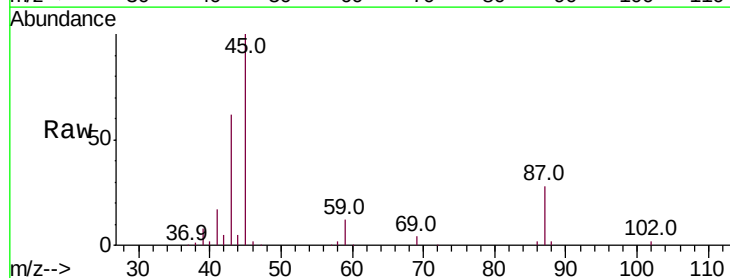
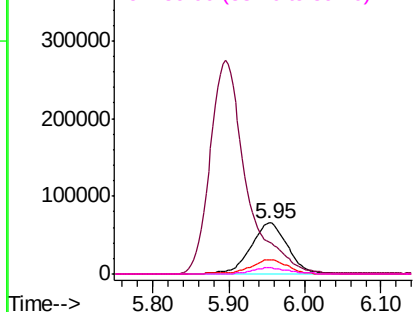
Abundance

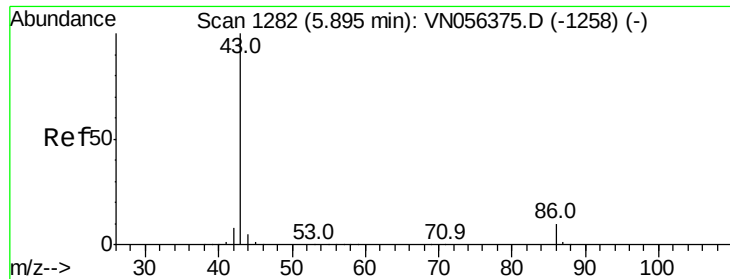
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





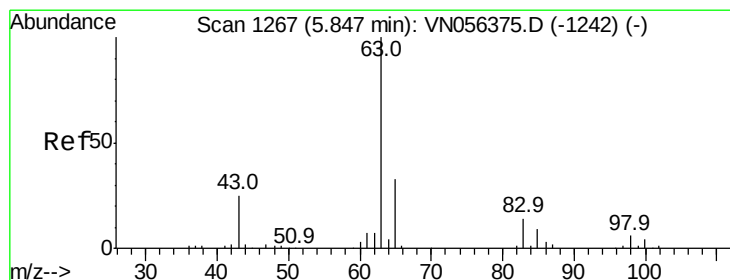
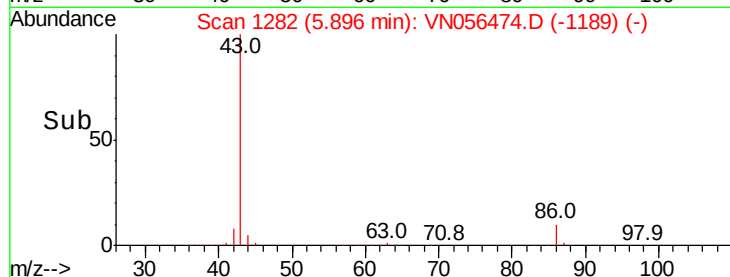
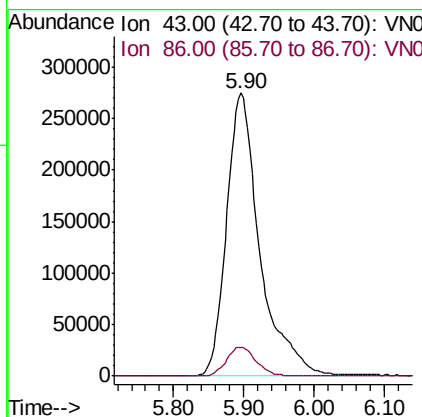
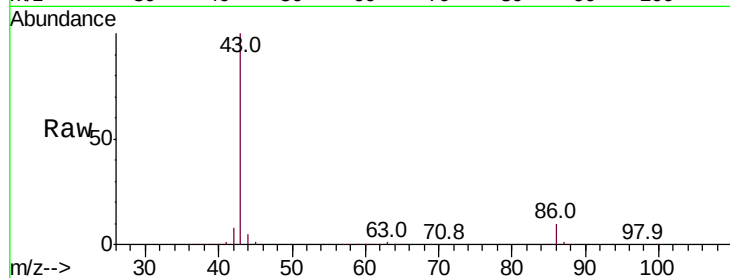
#23
 Vinyl Acetate
 Concen: 105.450 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.3	8.3	12.5

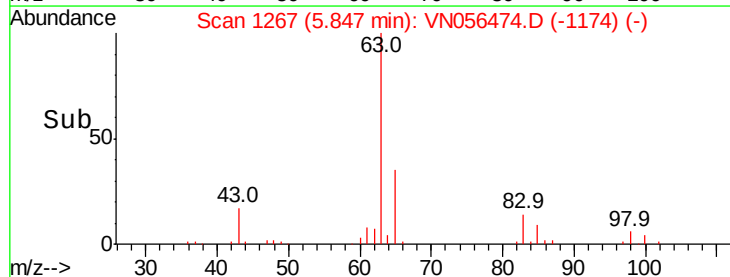
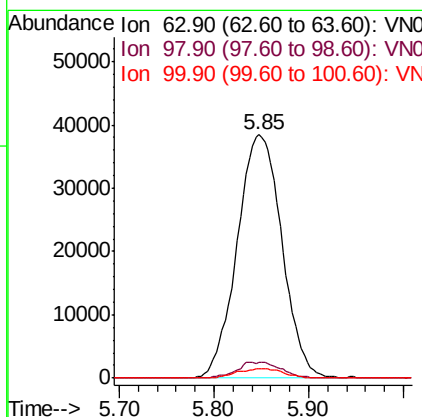
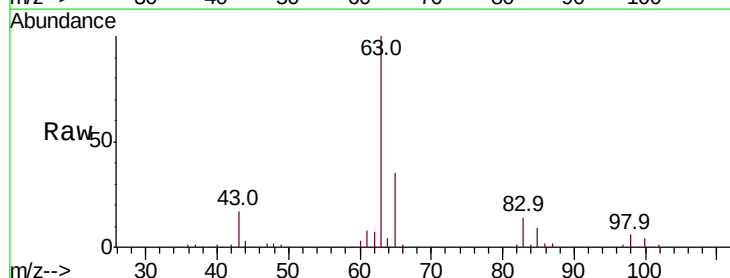
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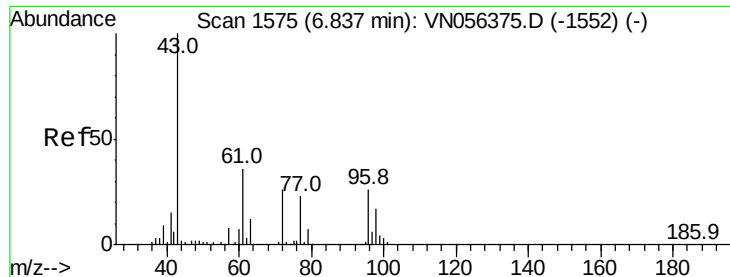
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#24
 1,1-Dichloroethane
 Concen: 20.131 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.2	9.6
100	3.8	2.1	6.5





#25

2-Butanone

Concen: 102.180 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

VN0625WBS01

Tot Ion: 43 Resp: 265077

Ion Ratio Lower Upper

43 100

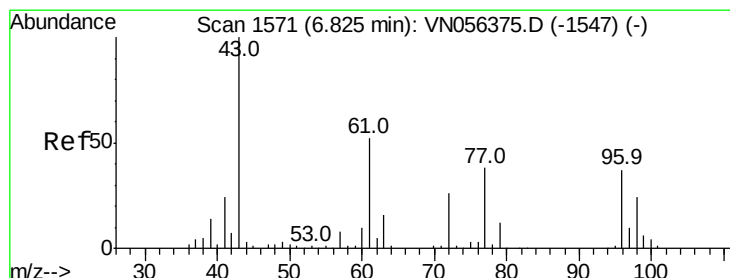
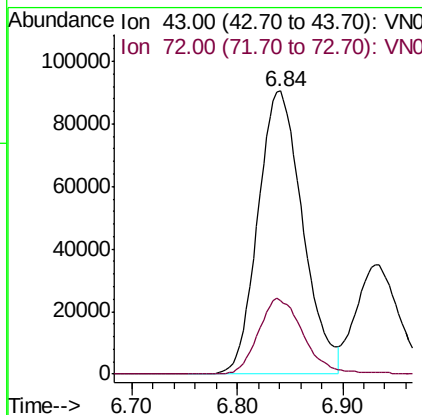
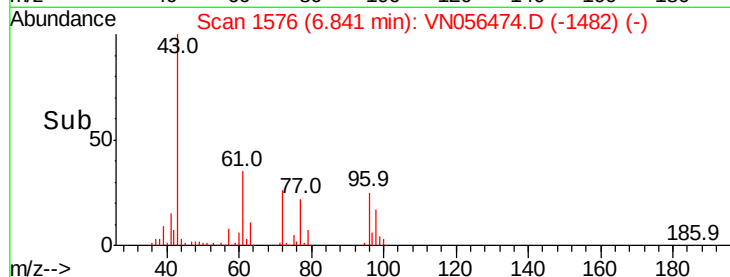
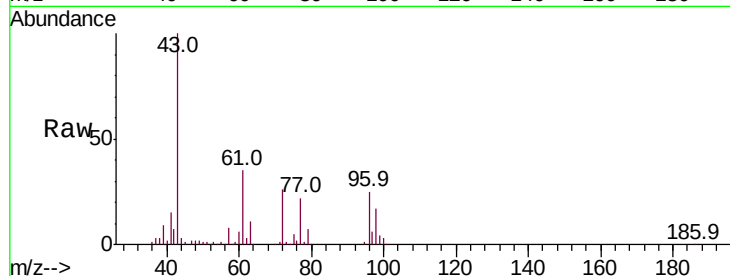
72 26.0 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.014 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056474.D

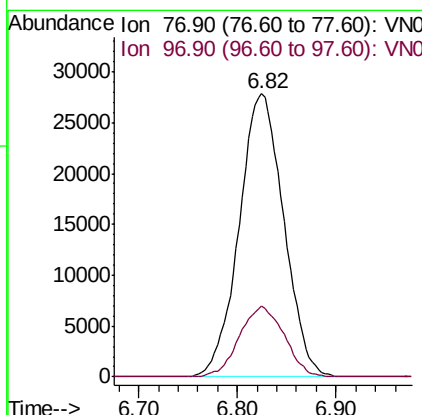
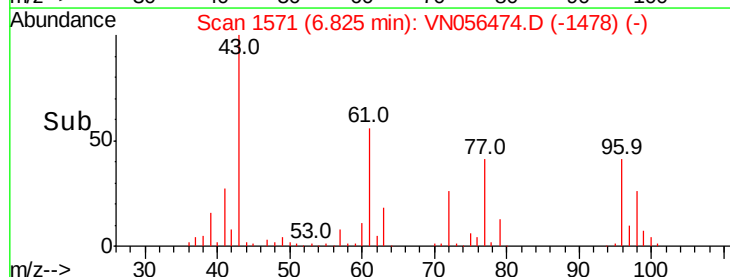
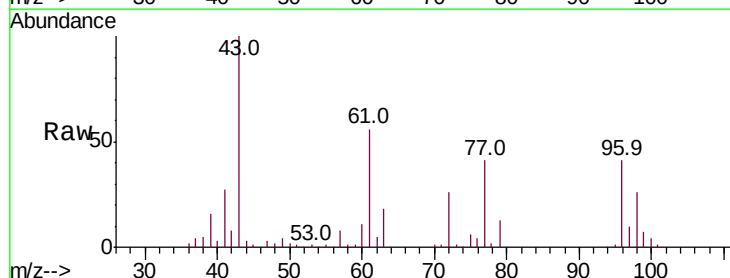
Acq: 25 Jun 2019 10:25

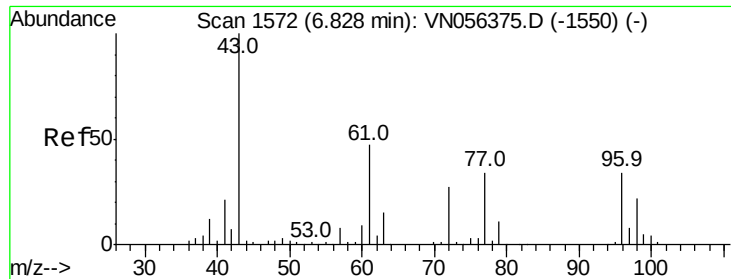
Tgt Ion: 77 Resp: 87106

Ion Ratio Lower Upper

77 100

97 25.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.562 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

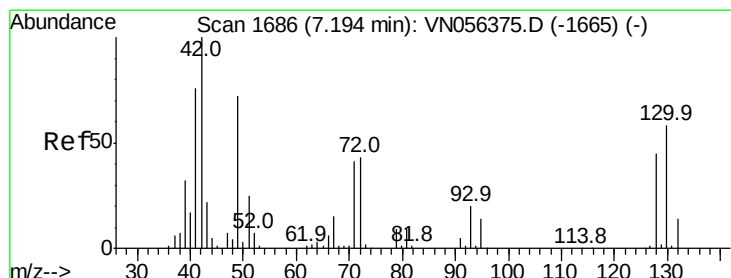
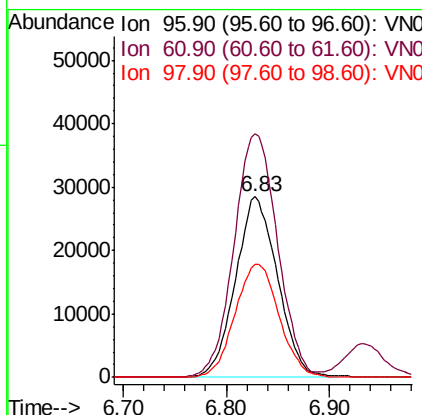
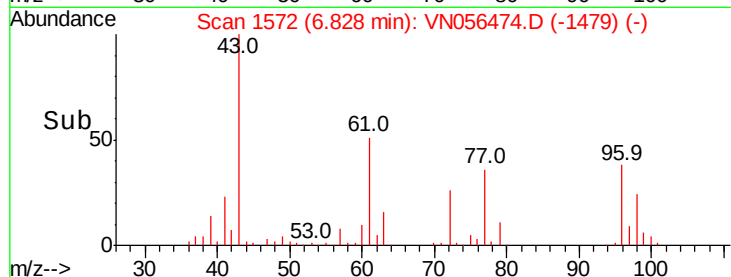
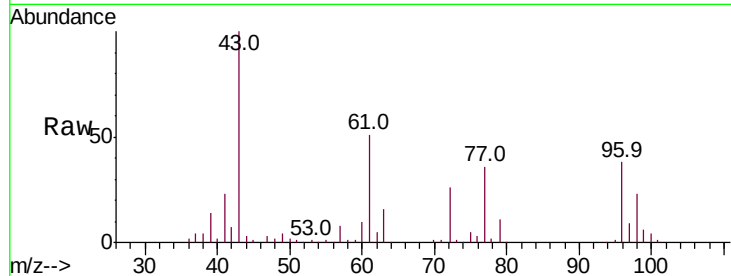
ClientSampleId :

VN0625WBS01

Tot Ion:	96	Resp:	80879
Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	279.8
98	65.6	0.0	130.0

Manual Integrations
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#28

Bromochloromethane

Concen: 19.978 ug/l

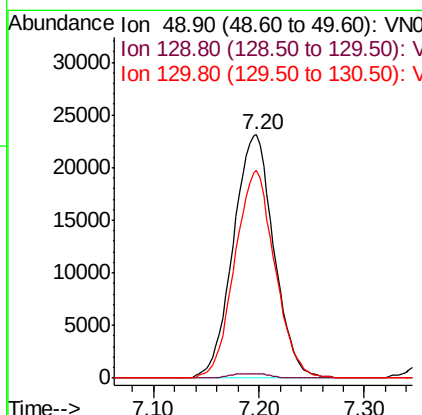
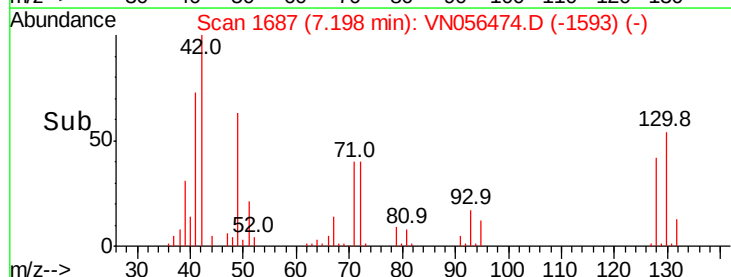
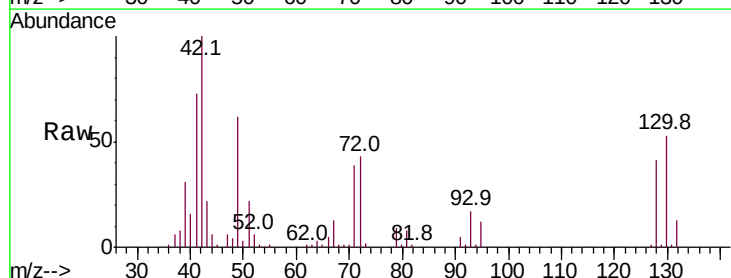
RT: 7.20 min Scan# 1687

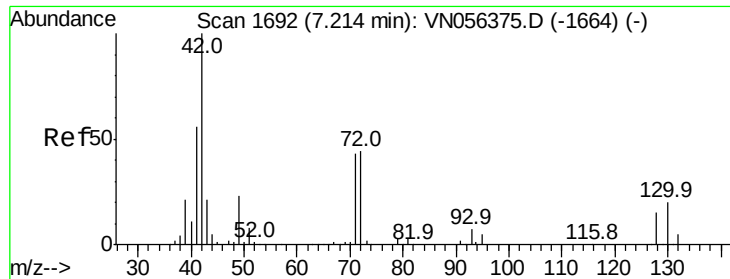
Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Tgt Ion:	49	Resp:	61838
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.2
130	84.2	64.9	97.3





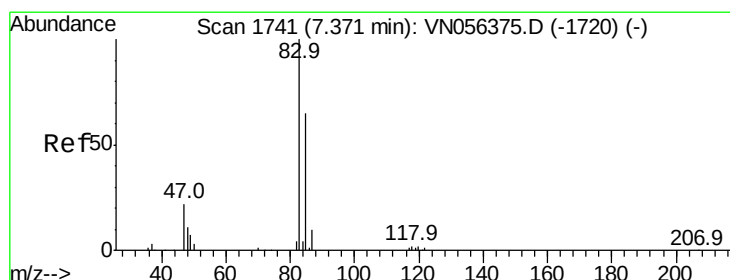
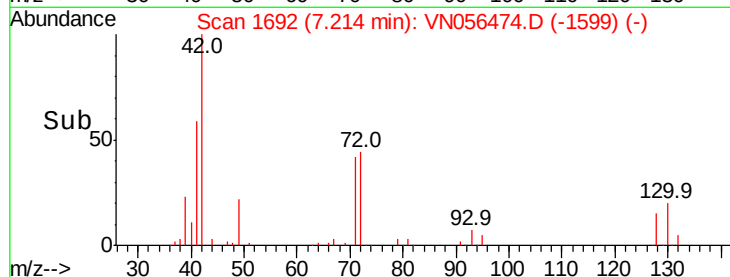
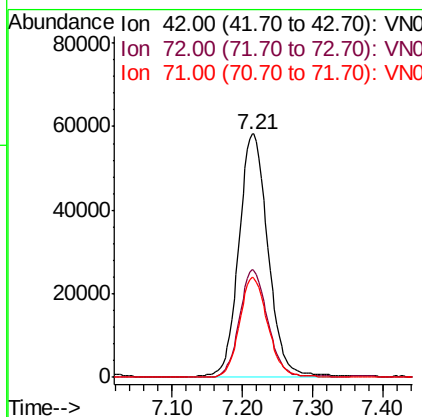
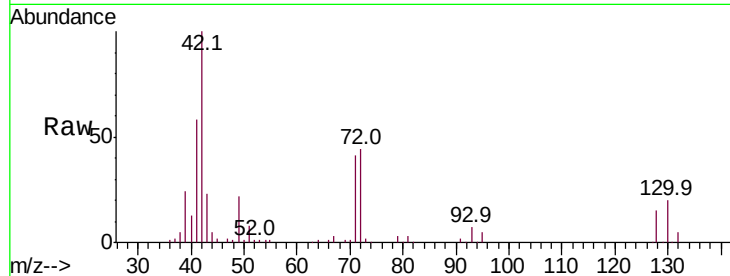
#29
Tetrahydrofuran
Concen: 106.748 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.7	52.1
71	39.6	33.0	49.6

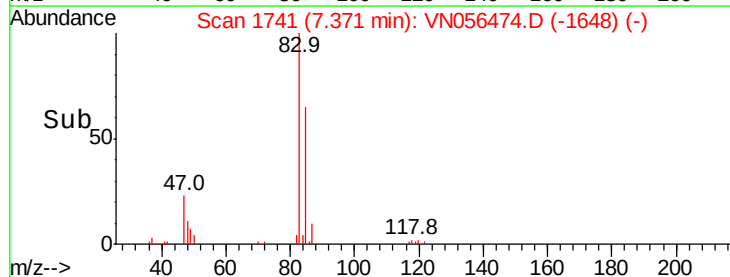
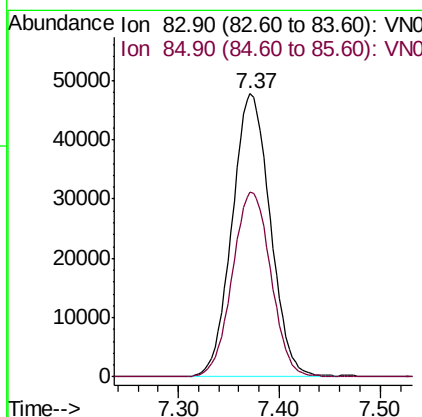
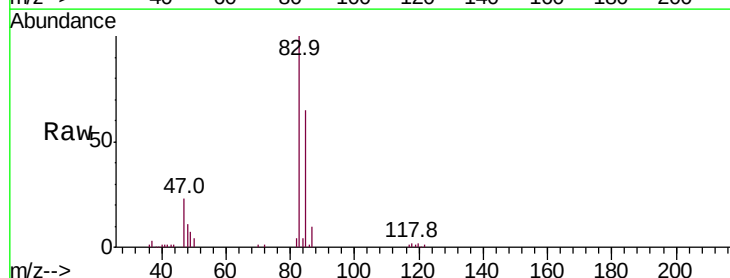
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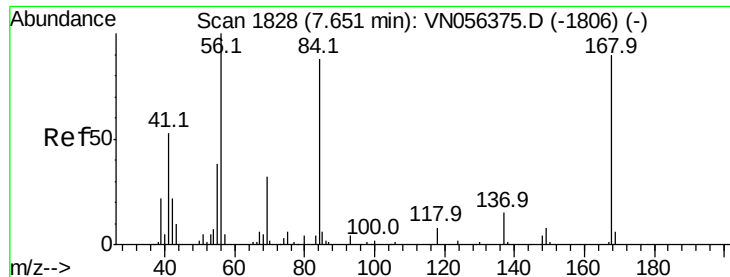
MMDadoda
6/26/2019 9:28:17 AM



#30
Chloroform
Concen: 20.317 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.3	78.5





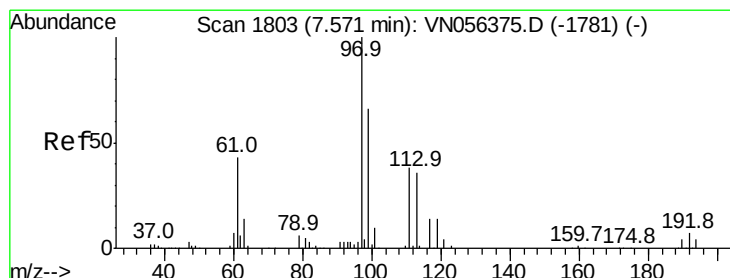
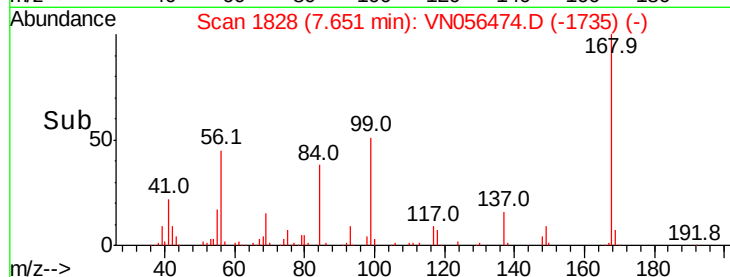
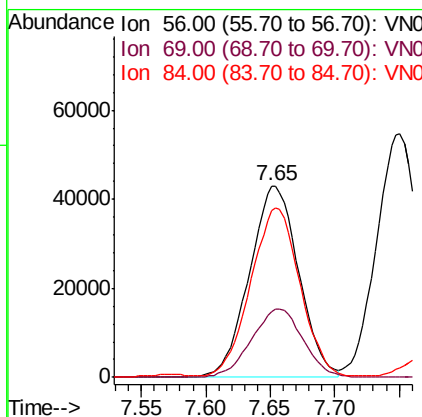
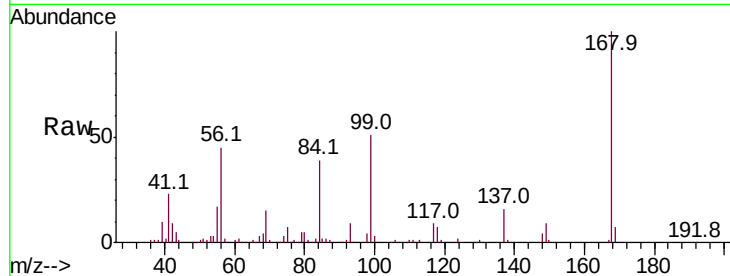
#31
Cyclohexane
Concen: 18.879 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	25.8	38.6
84	85.9	69.4	104.0

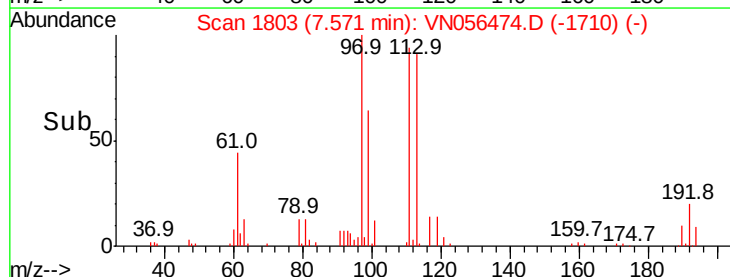
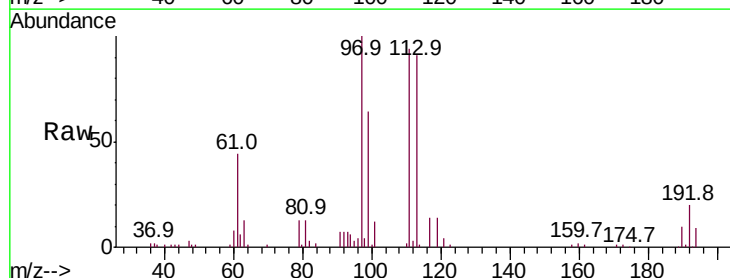
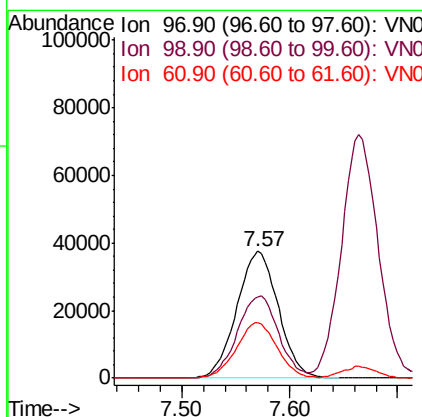
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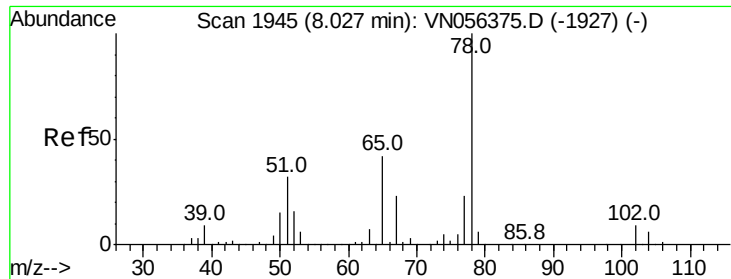
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.493 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.6
61	43.1	33.9	50.9





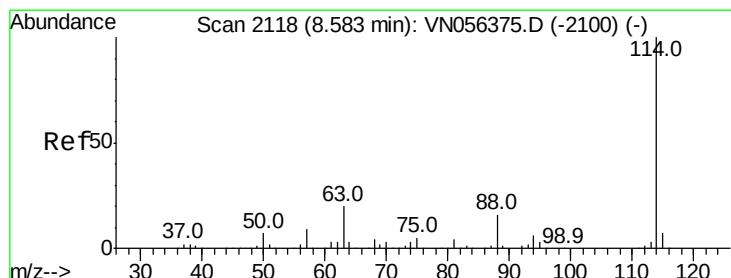
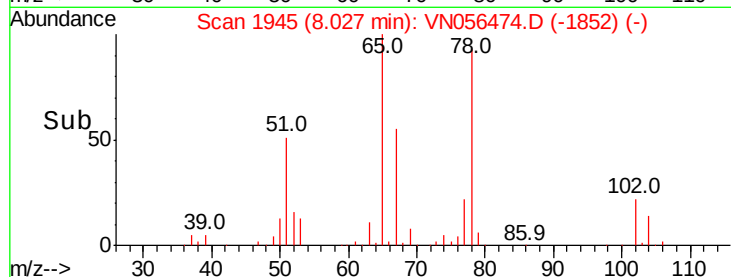
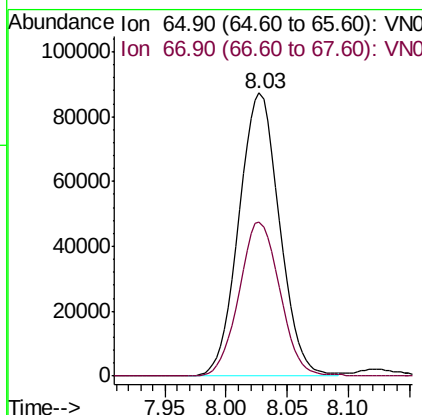
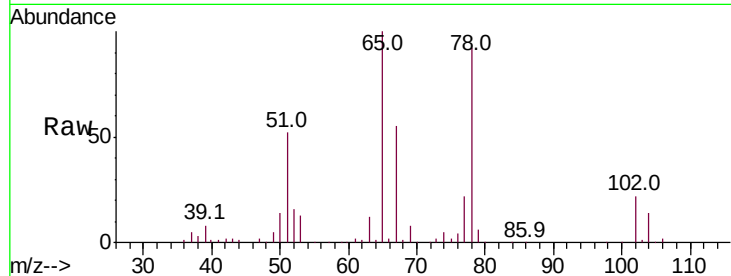
#33
 1,2-Dichloroethane-d4
 Concen: 51.400 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	201092		
67	54.6	0.0	109.0	

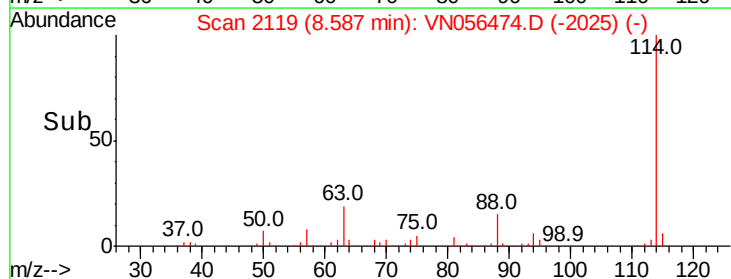
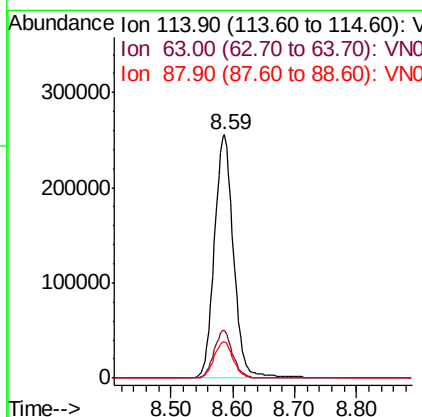
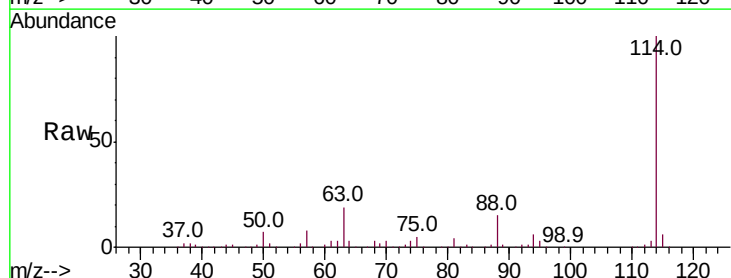
Manual Integrations
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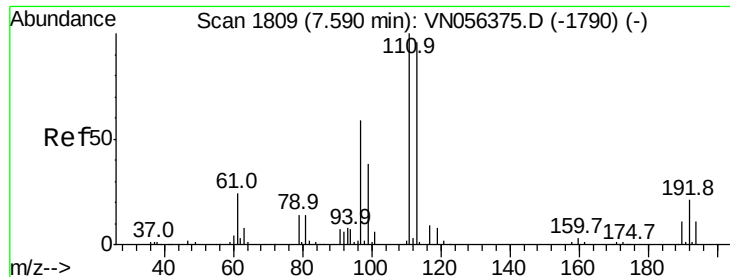
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 6/26/2019 9:28:17 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	549399		
63	19.4	0.0	39.2	
88	15.0	0.0	31.4	





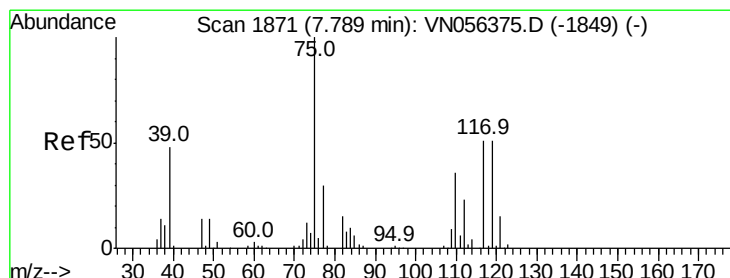
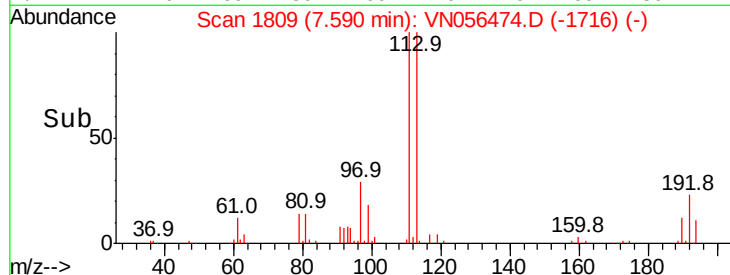
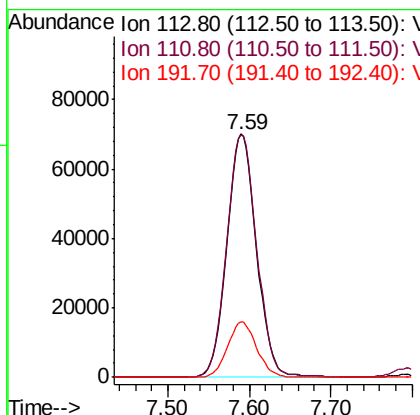
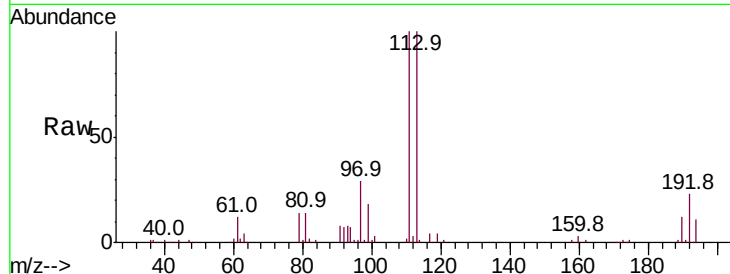
#35
 Dibromofluoromethane
 Concen: 51.992 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	178195		
111	101.5	82.9	124.3	
192	22.5	17.7	26.5	

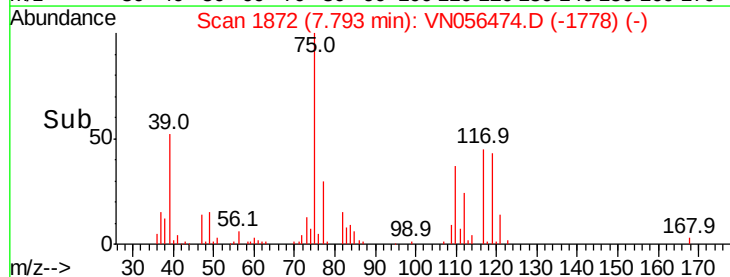
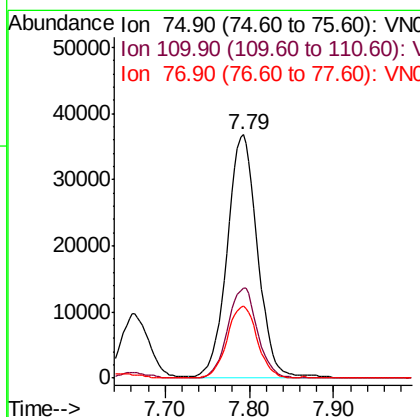
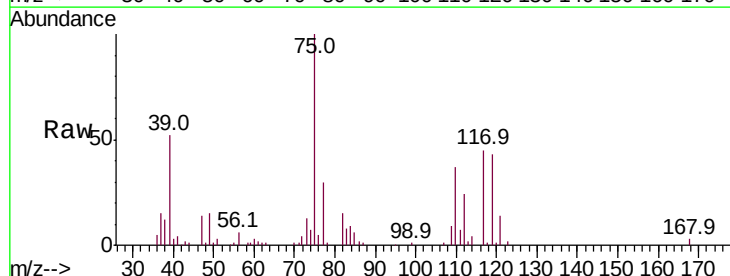
Manual Integrations
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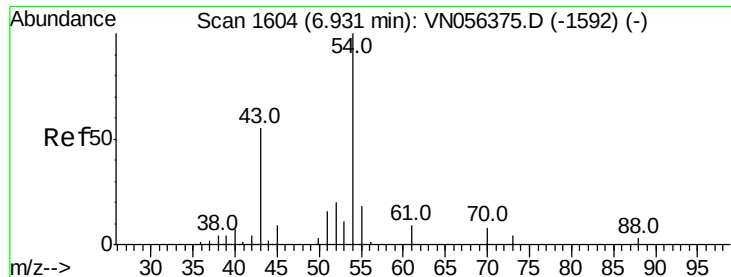
MMDadoda
 6/26/2019 9:28:17 AM



#36
 1,1-Dichloropropene
 Concen: 19.105 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	92386		
110	36.0	18.1	54.3	
77	29.3	24.6	36.8	





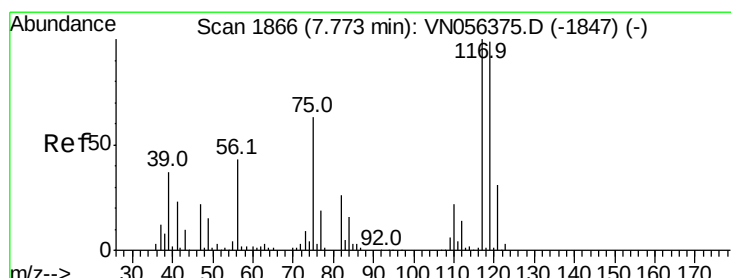
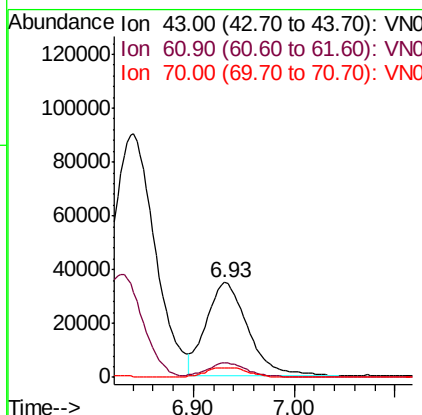
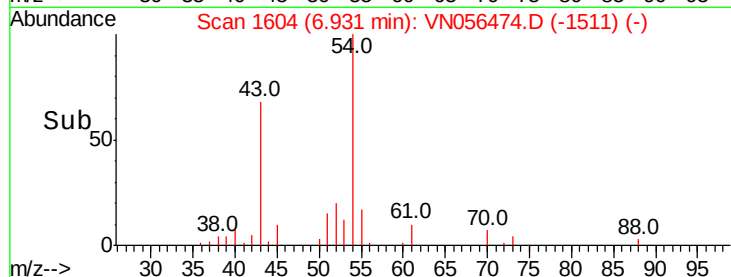
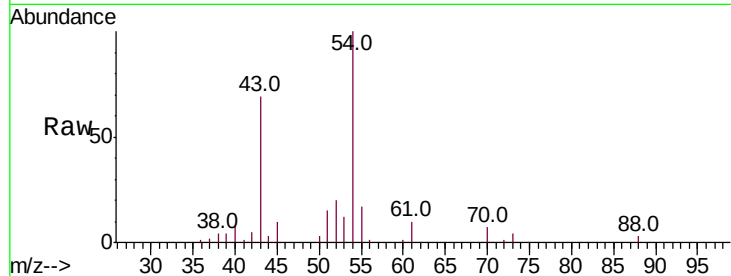
#37
Ethyl Acetate
Concen: 21.117 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.1	16.7
70	4.9	8.3	12.5

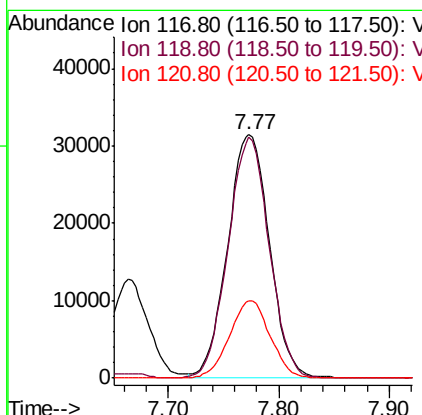
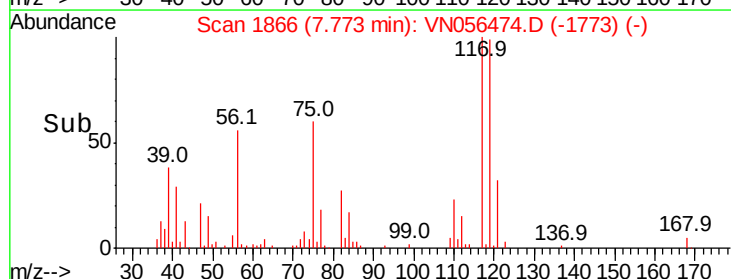
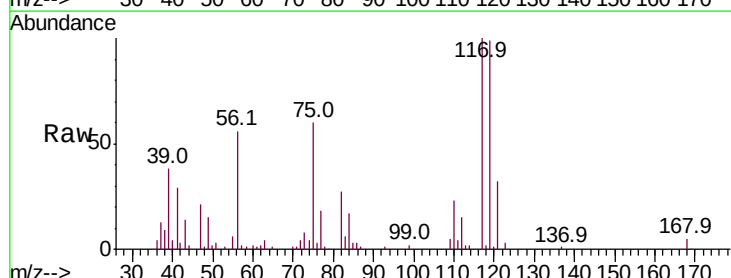
Manual Integrations
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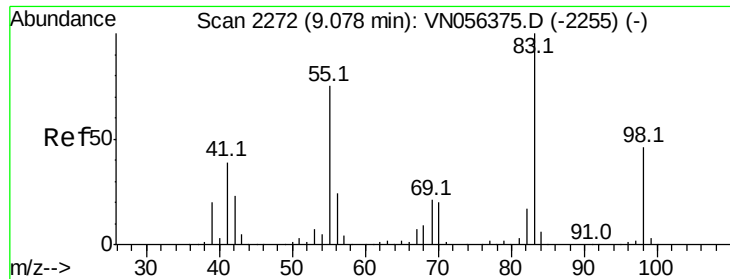
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#38
Carbon Tetrachloride
Concen: 19.517 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	79.1	118.7
121	31.8	24.8	37.2





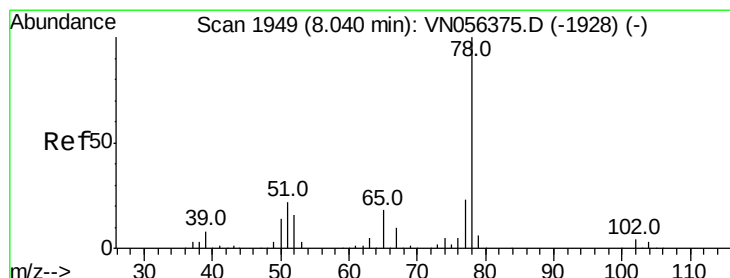
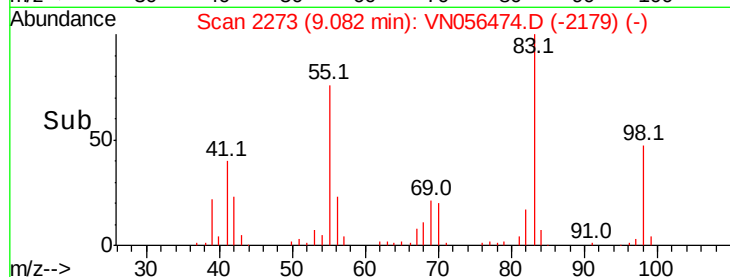
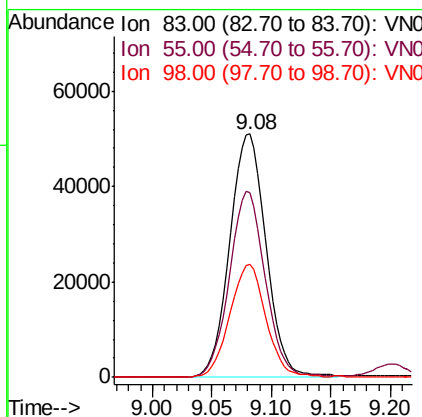
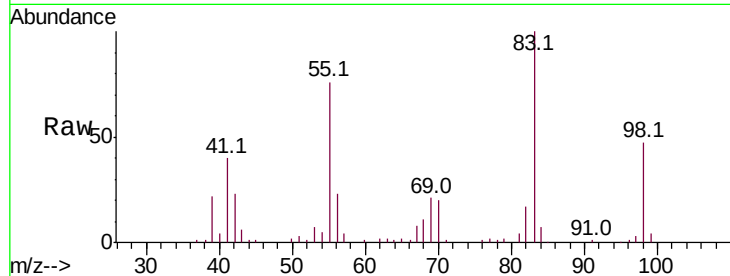
#39
Methylvlcyclohexane
Concen: 18.156 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.8	60.0	90.0	
98	46.7	36.6	54.8	

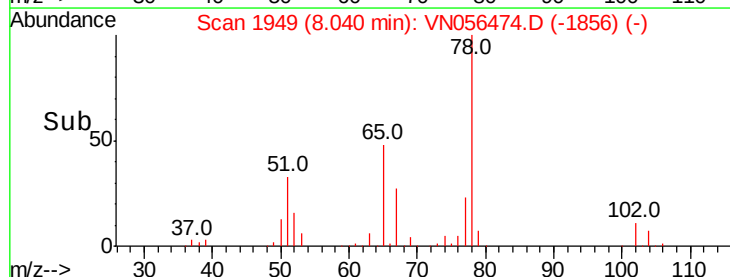
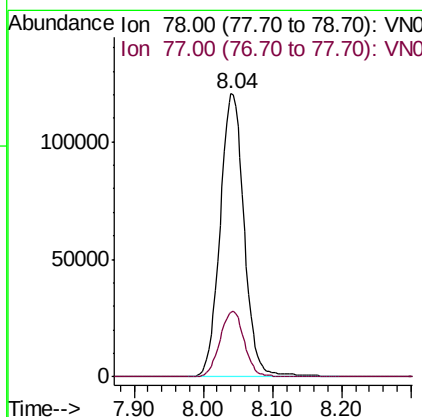
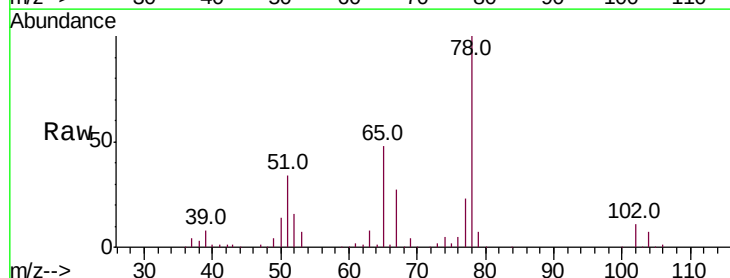
Manual Integrations
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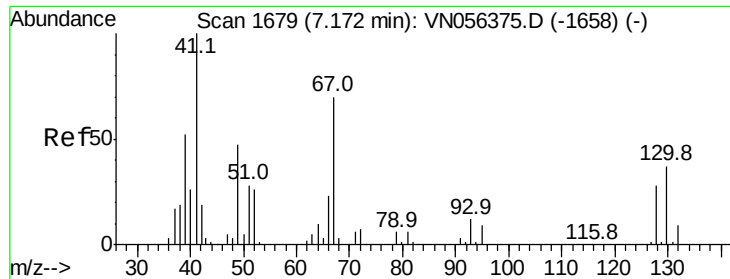
MMDadoda
6/26/2019 9:28:17 AM



#40
Benzene
Concen: 19.596 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.0	18.3	27.5	





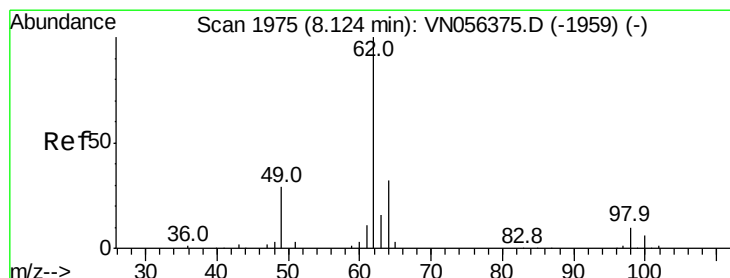
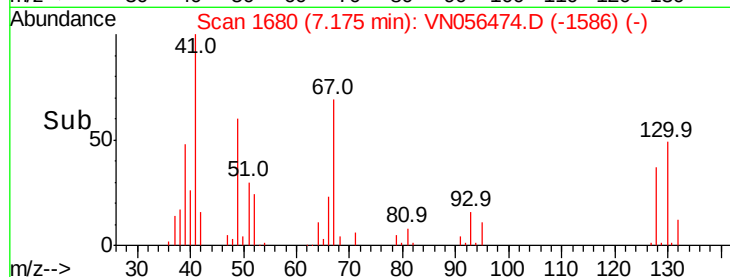
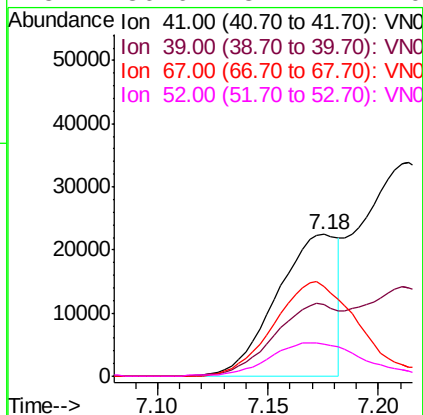
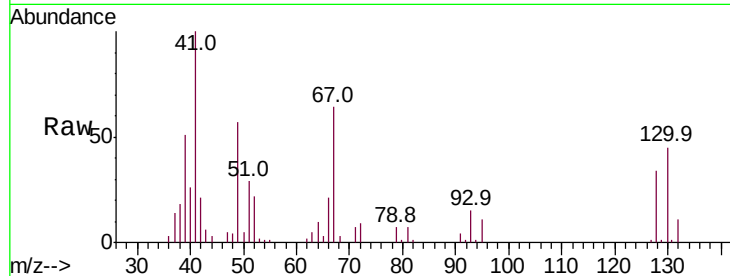
#41
Methacrylonitrile
Concen: 20.684 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.2	55.3	82.9#
67	92.7	79.2	118.8
52	36.6	31.4	47.0

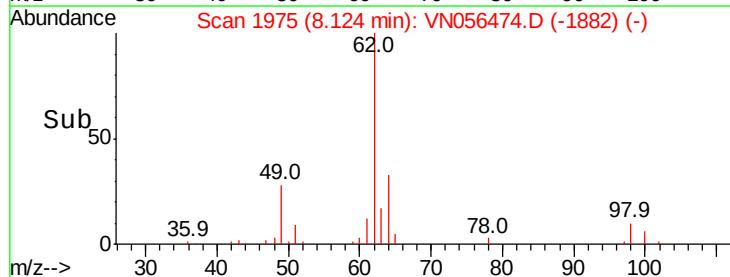
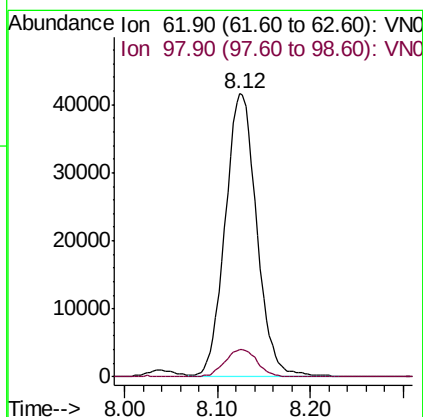
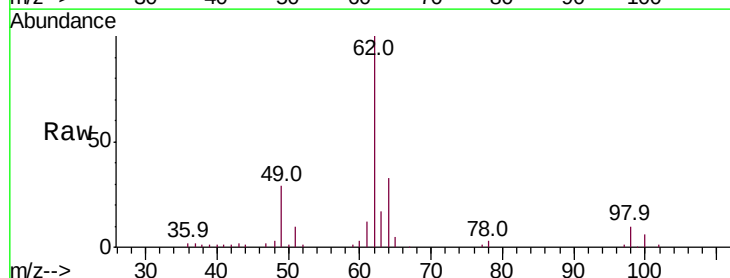
Manual Integrations
APPROVED

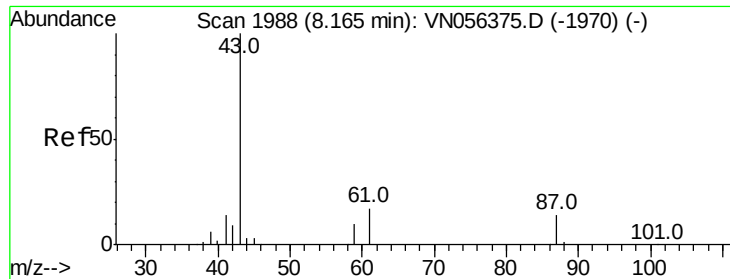
MMDadoda
6/26/2019 9:28:17 AM



#42
1,2-Dichloroethane
Concen: 20.025 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 20.592 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

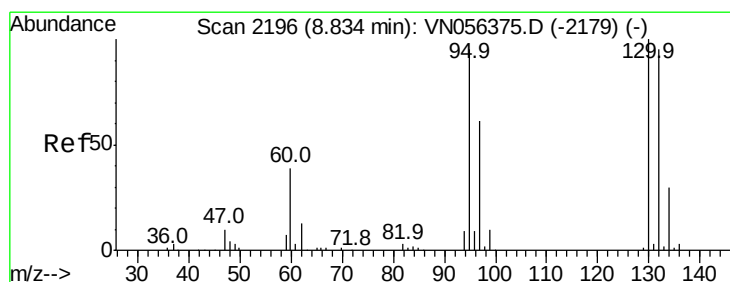
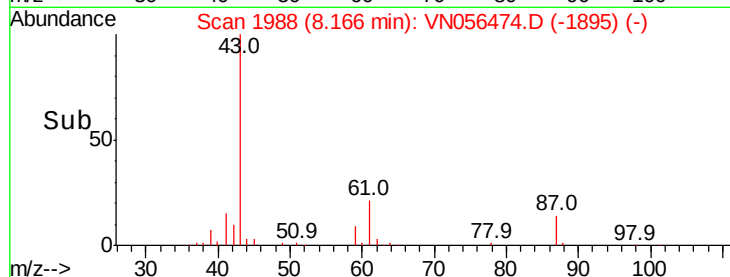
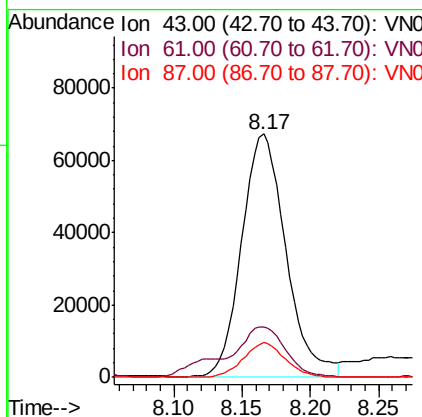
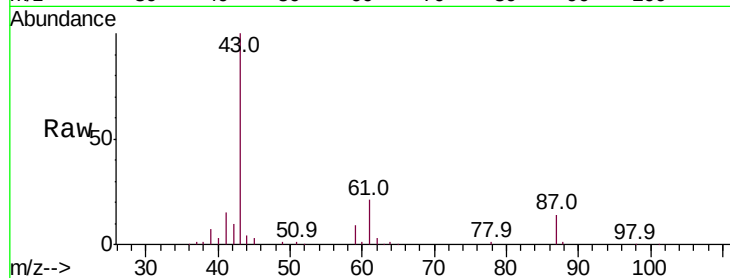
ClientSampleId :

VN0625WBS01

Tot Ion:	43	Resp:	150893
Ion	Ratio	Lower	Upper
43	100		
61	21.0	22.0	33.0#
87	13.6	11.0	16.4

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#44

Trichloroethene

Concen: 19.433 ug/l

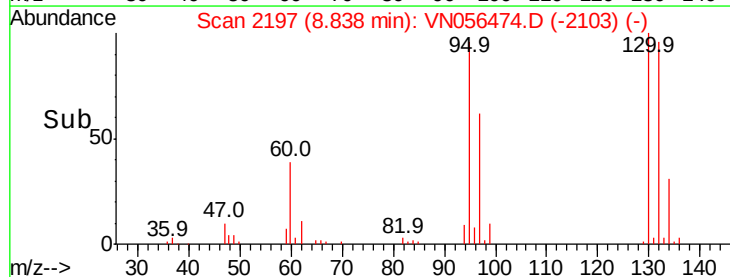
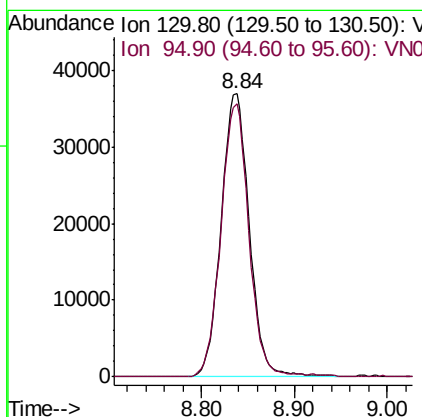
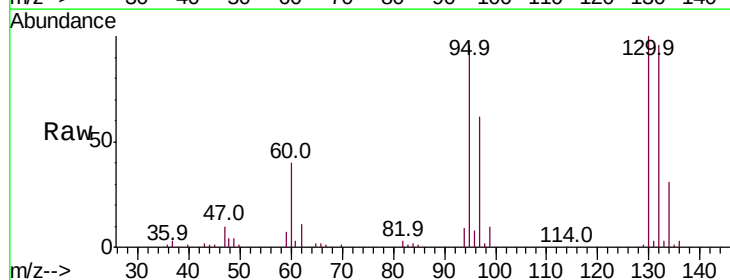
RT: 8.84 min Scan# 2197

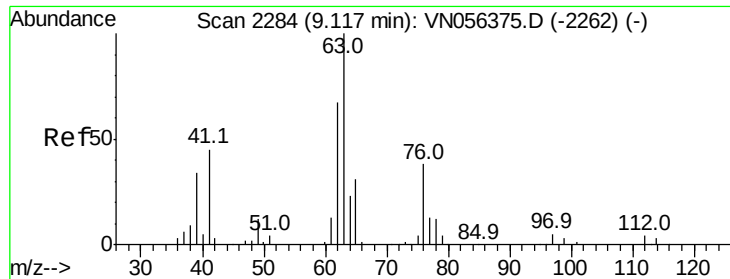
Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Tgt Ion:	130	Resp:	77864
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	191.0





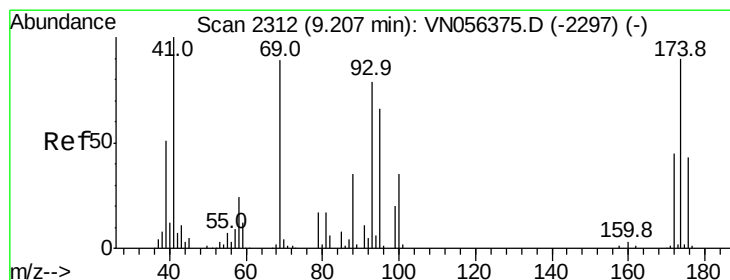
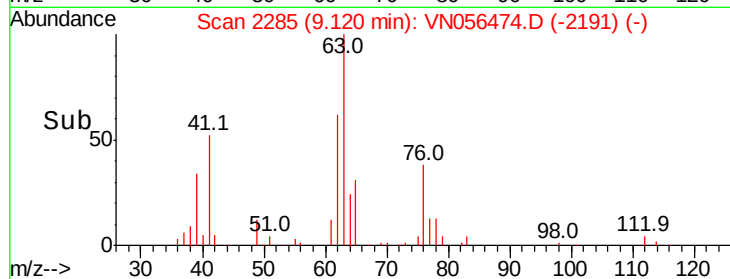
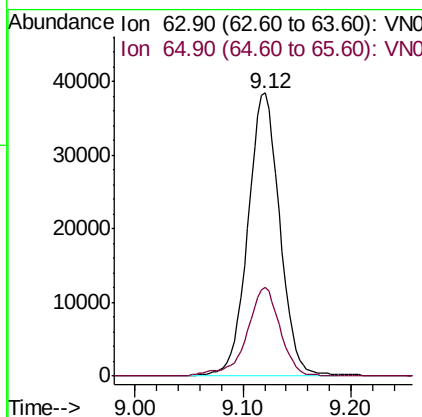
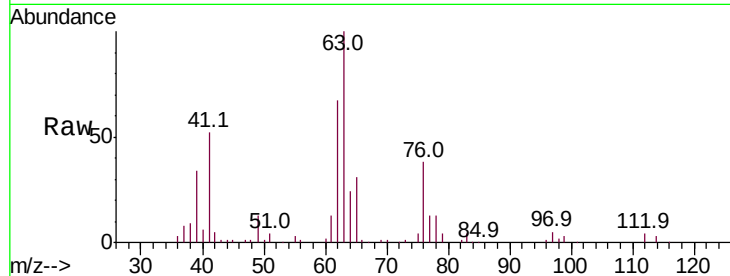
#45
 1,2-Dichloropropane
 Concen: 19.865 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion: 63 Resp: 79023
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6

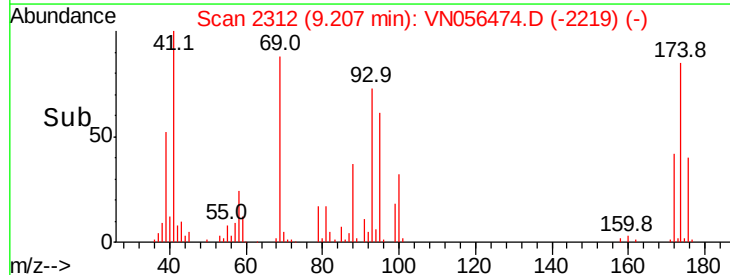
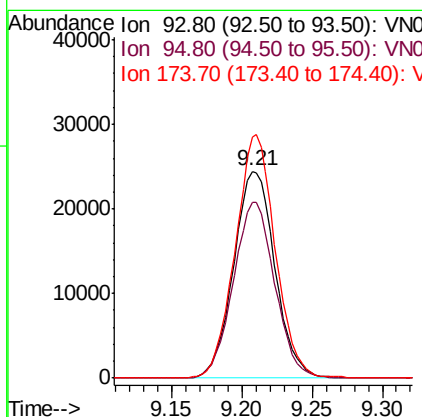
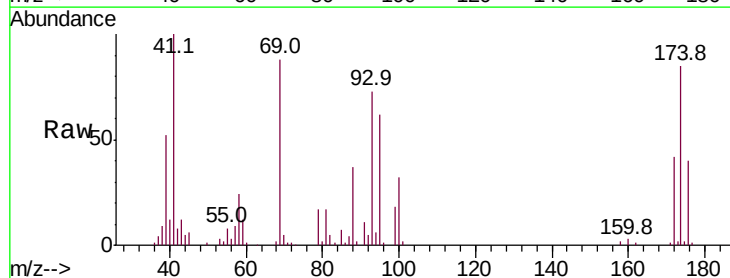
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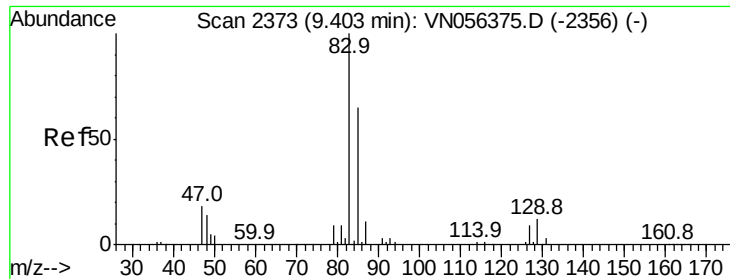
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#46
 Dibromomethane
 Concen: 20.133 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Tgt Ion: 93 Resp: 50108
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.2 99.2
 174 114.1 90.8 136.2





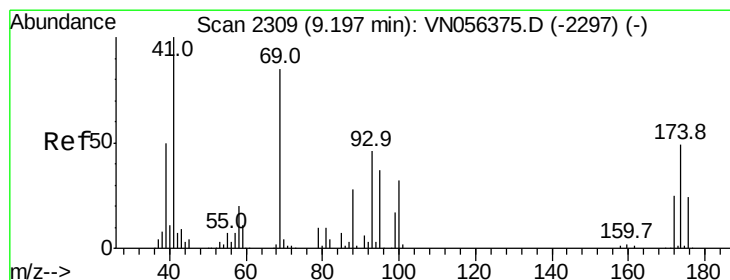
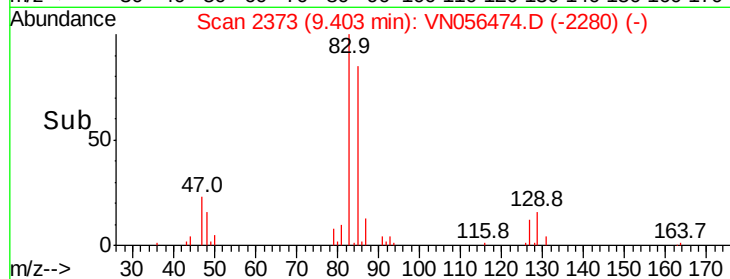
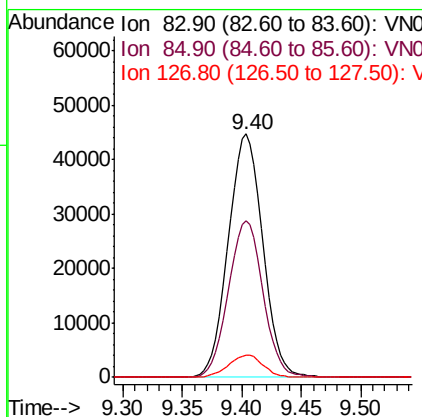
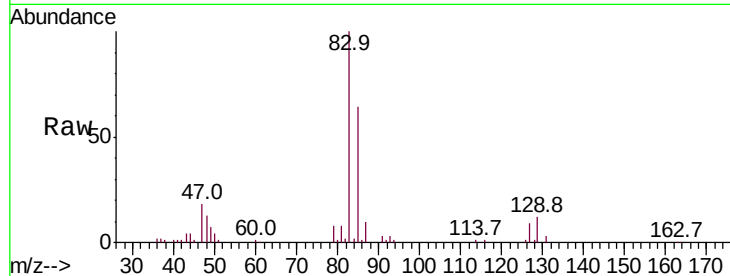
#47
Bromodichloromethane
Concen: 20.407 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	83	Resp	90078
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.2	78.4
127	9.2	7.3	10.9

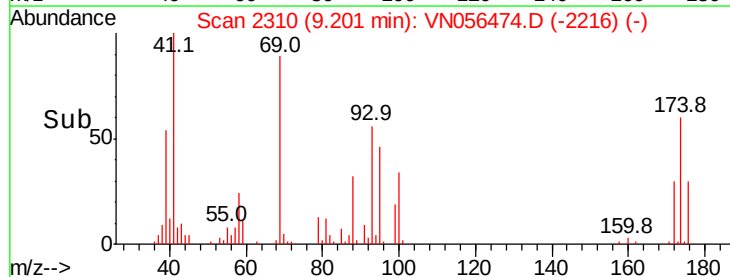
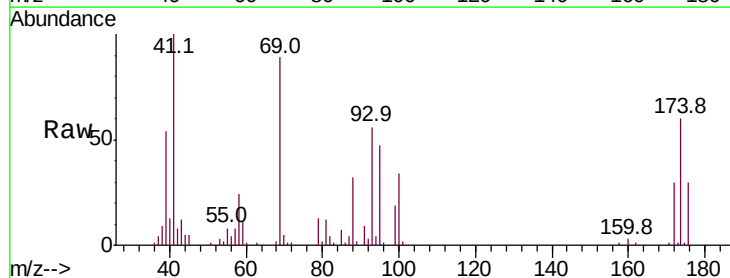
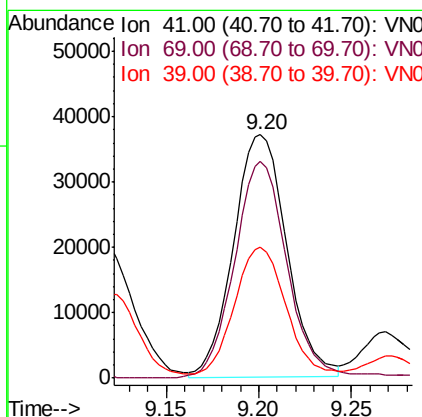
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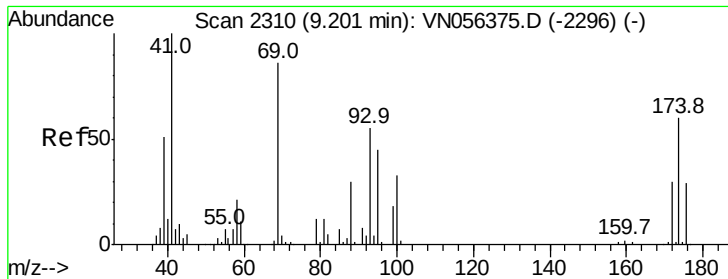
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#48
Methyl methacrylate
Concen: 20.167 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	41	Resp	74055
Ion	Ratio	Lower	Upper
41	100		
69	89.1	72.6	109.0
39	52.5	42.6	63.8





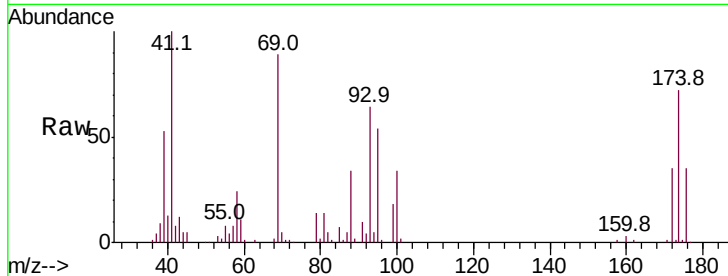
#49
1,4-Dioxane
Concen: 436.955 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

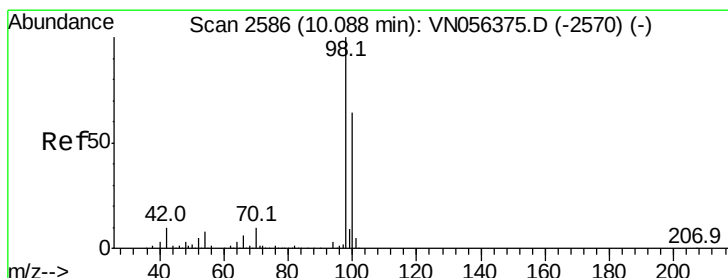
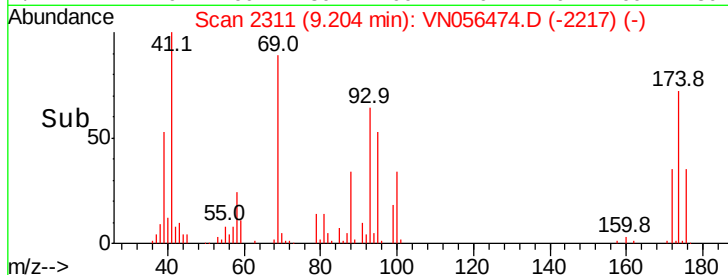
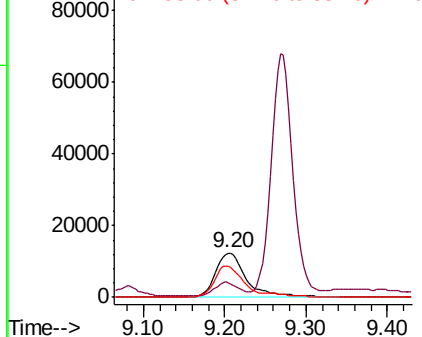
Tot Ion	88	Resp	33298
Ion	Ratio	Lower	Upper
88	100		
43	24.7	22.0	33.0
58	72.3	51.8	77.8

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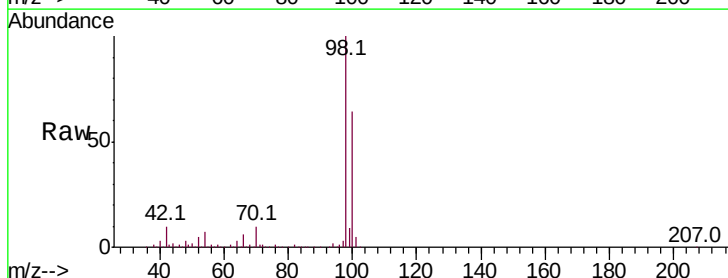


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

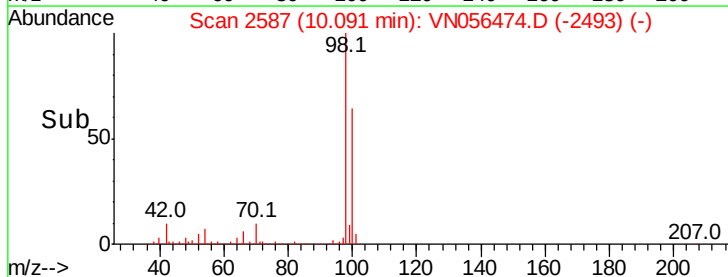
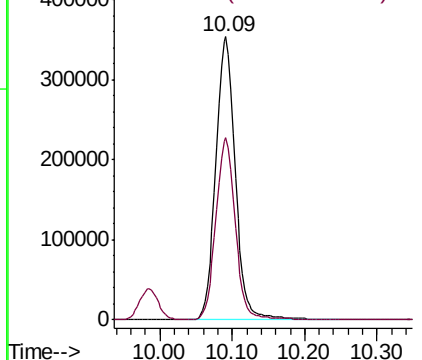


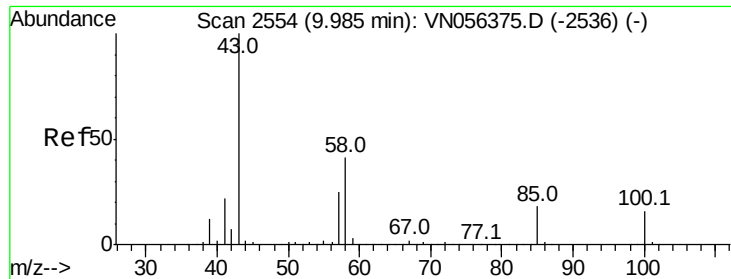
#50
Toluene-d8
Concen: 49.552 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	98	Resp	660834
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2



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





#51

4-Methyl-2-Pentanone

Concen: 102.348 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion: 43 Resp: 484071

Ion Ratio Lower Upper

43 100

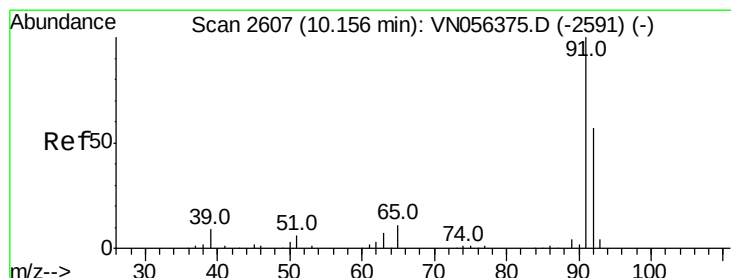
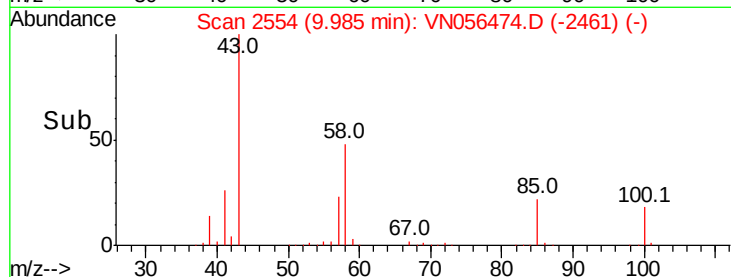
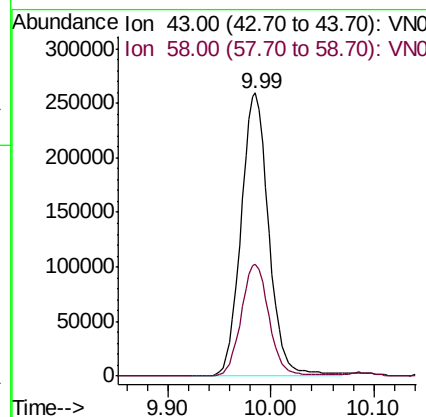
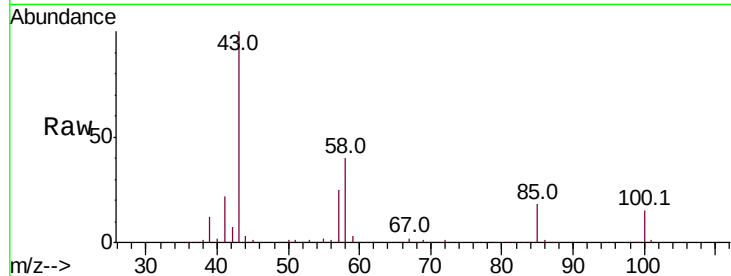
58 39.8 31.8 47.8

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#52

Toluene

Concen: 19.619 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056474.D

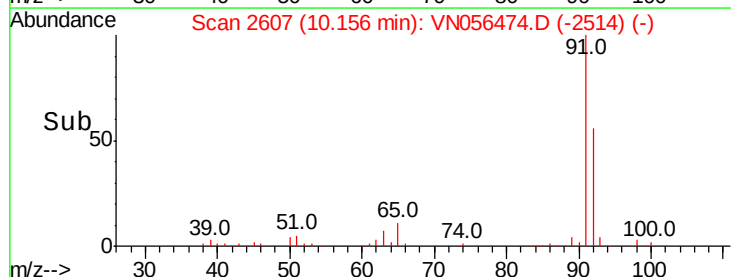
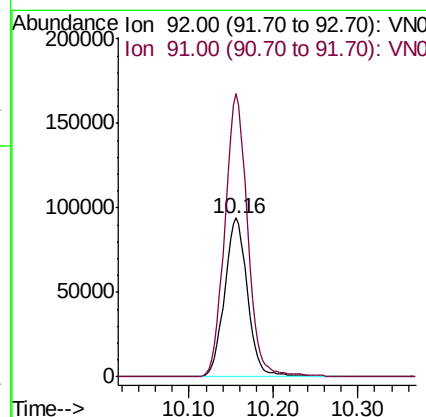
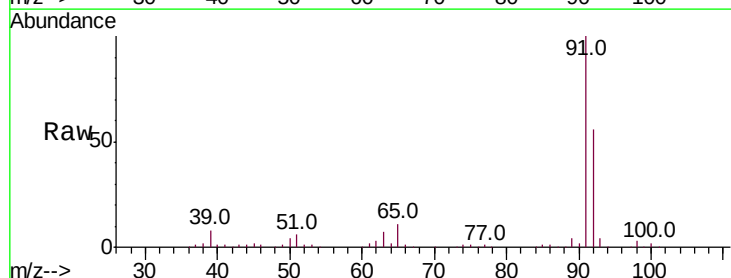
Acq: 25 Jun 2019 10:25

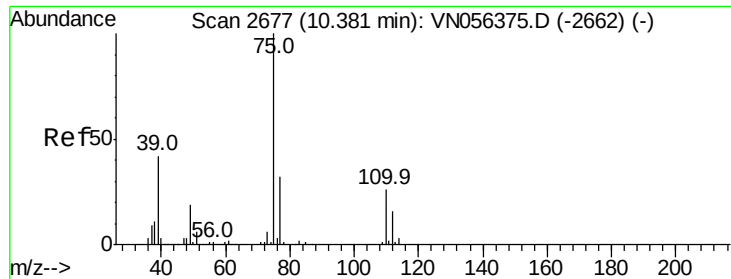
Tgt Ion: 92 Resp: 178414

Ion Ratio Lower Upper

92 100

91 176.6 140.6 211.0





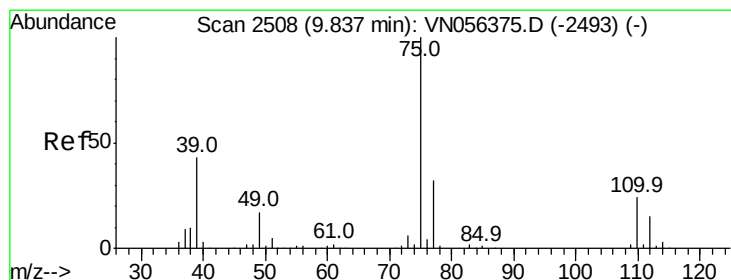
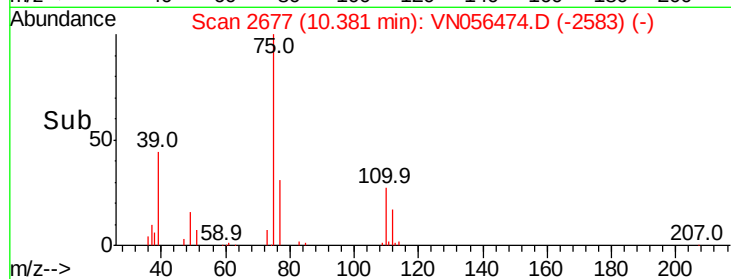
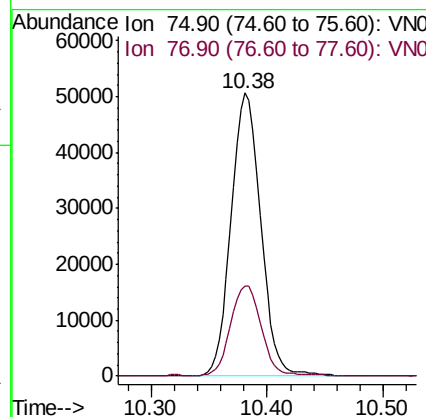
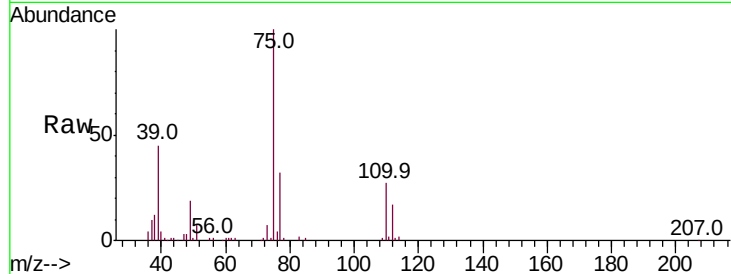
#53
t-1,3-Dichloropropene
Concen: 19.353 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	75	Resp	Lower	Upper
75	100			
77	32.1	25.4	38.2	

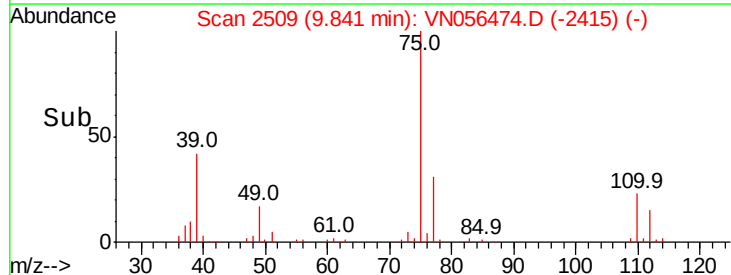
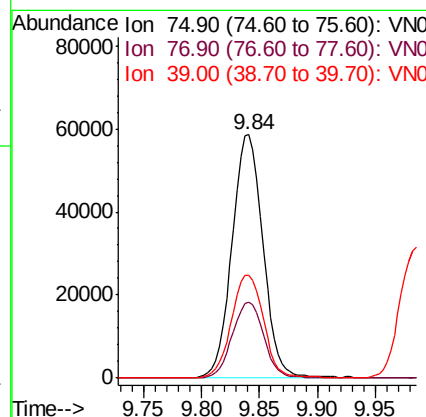
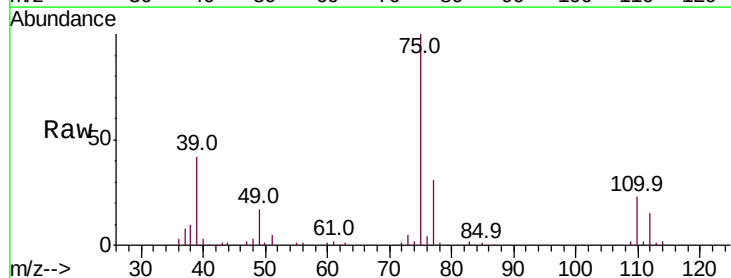
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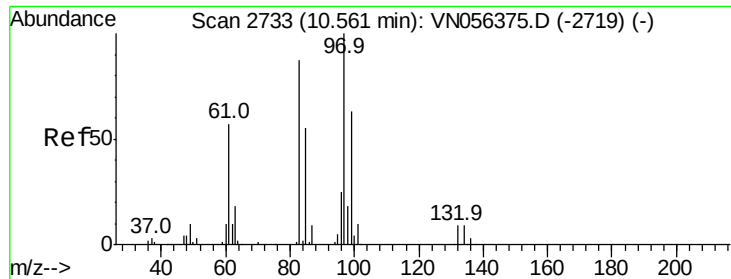
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#54
cis-1,3-Dichloropropene
Concen: 20.448 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	75	Resp	Lower	Upper
75	100			
77	31.4	25.2	37.8	
39	42.3	34.2	51.4	





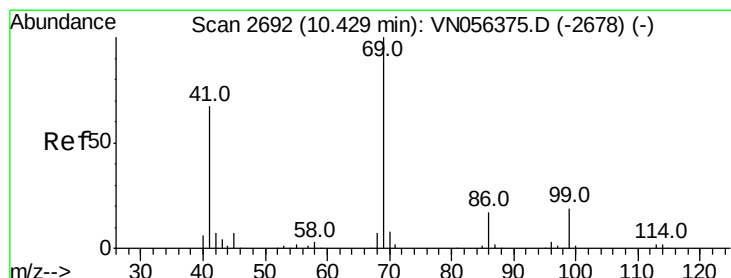
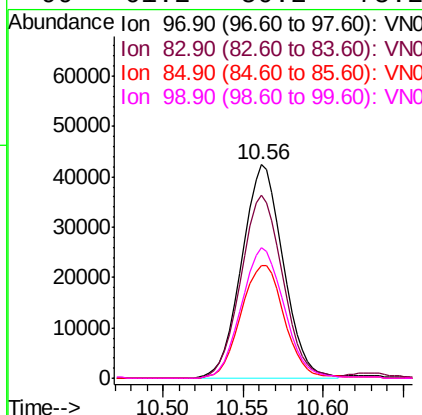
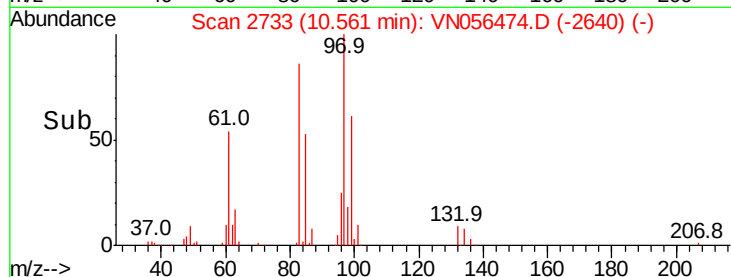
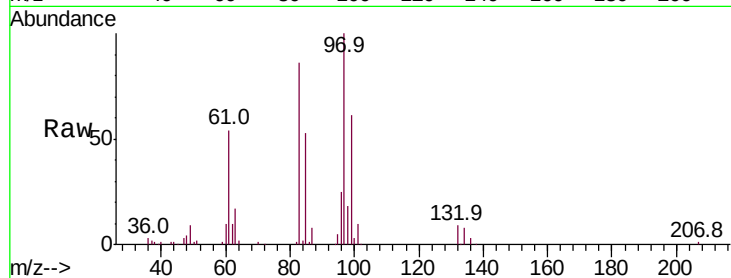
#55
 1,1,2-Trichloroethane
 Concen: 20.556 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	97	Resp	75141
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.8	104.6
85	53.0	43.8	65.8
99	61.2	50.2	75.2

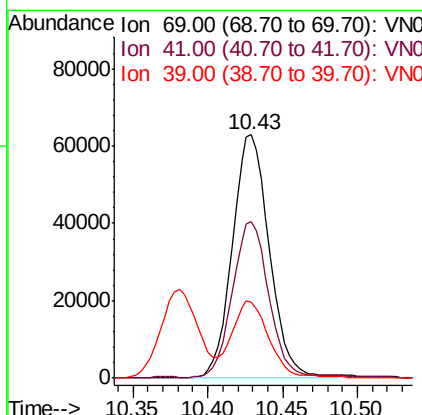
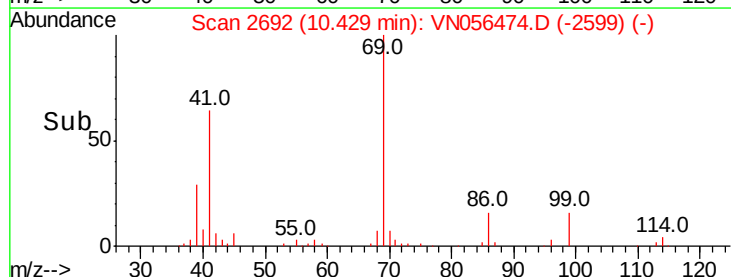
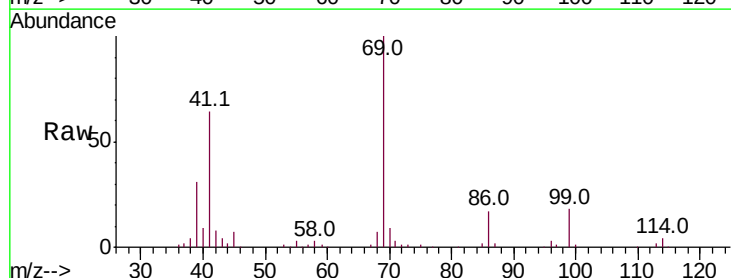
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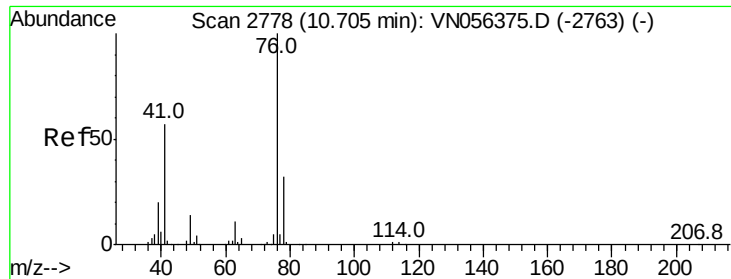
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#56
 Ethyl methacrylate
 Concen: 20.250 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Tgt Ion	69	Resp	108176
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.4	77.2
39	31.2	24.7	37.1





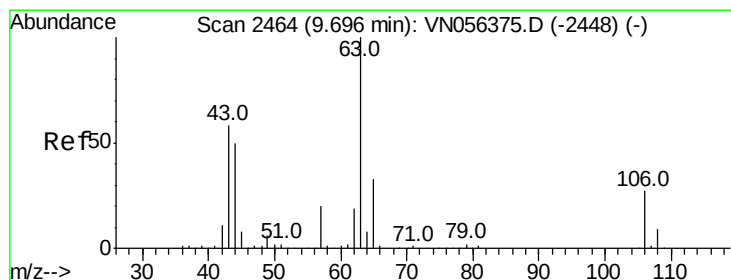
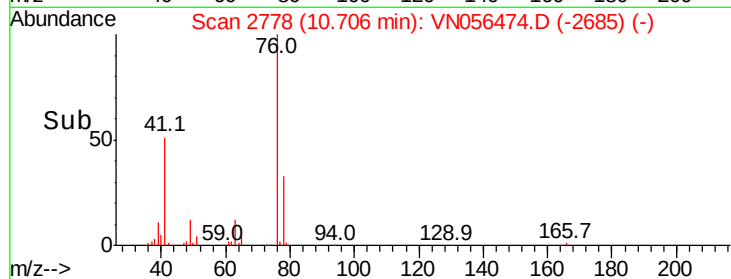
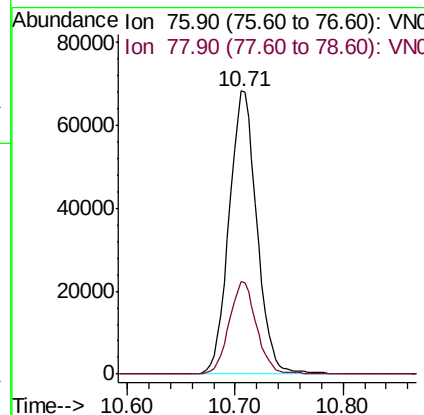
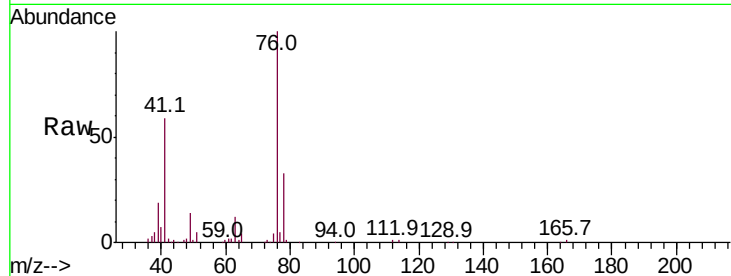
#57
 1,3-Dichloropropane
 Concen: 19.963 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

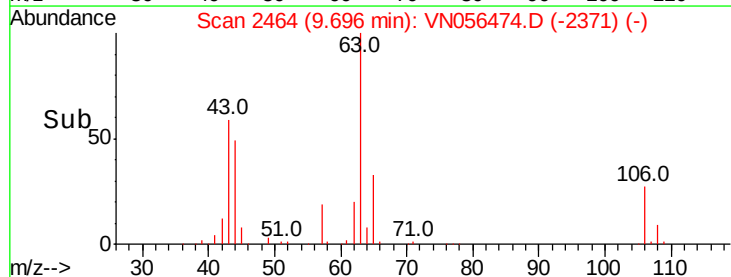
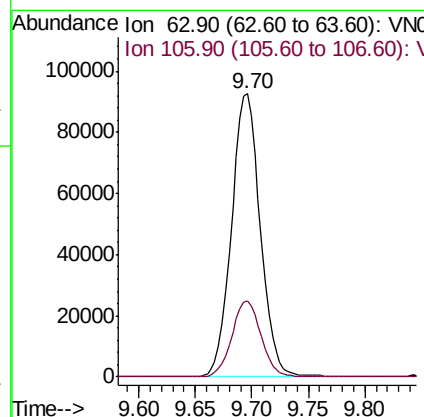
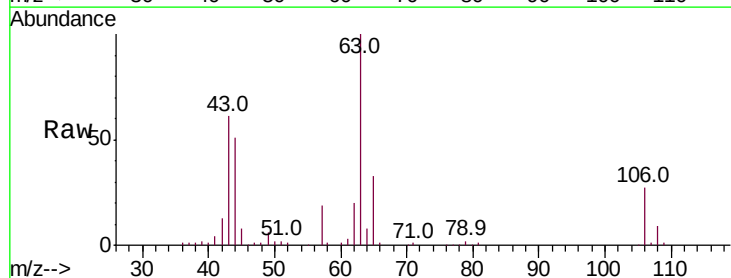
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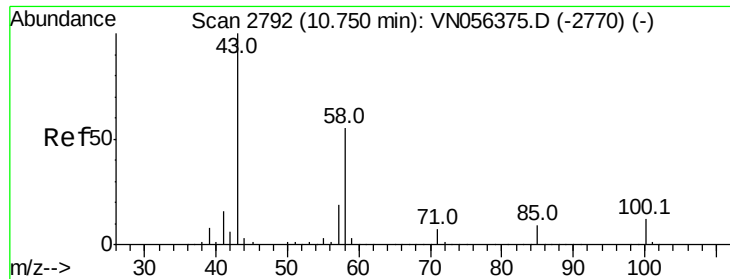
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 85.515 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.6	32.4





#59

2-Hexanone

Concen: 101.080 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion: 43 Resp: 351368

Ion Ratio Lower Upper

43 100

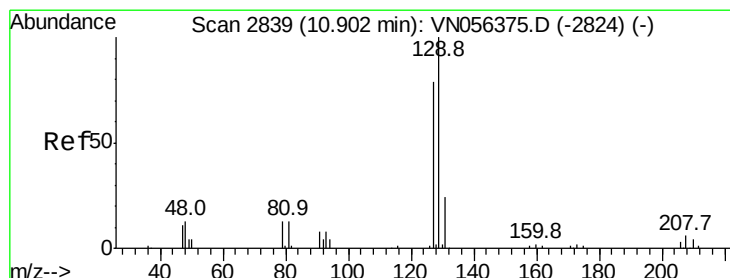
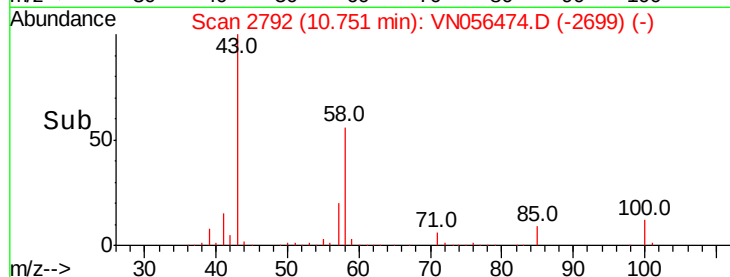
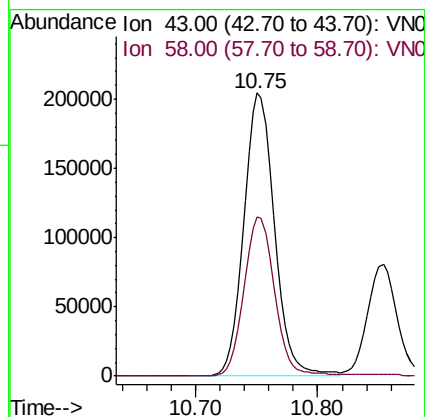
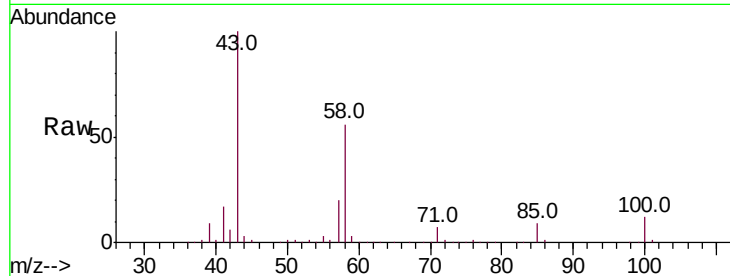
58 56.6 27.8 83.4

Manual Integrations

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#60

Dibromochloromethane

Concen: 19.809 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056474.D

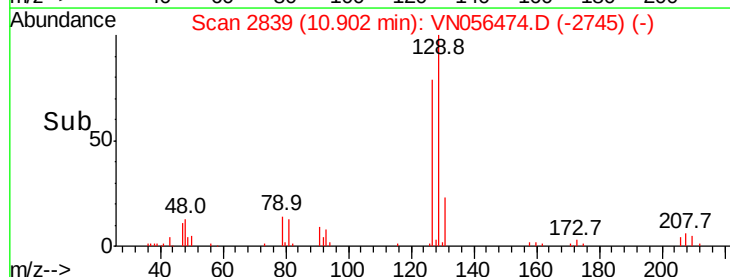
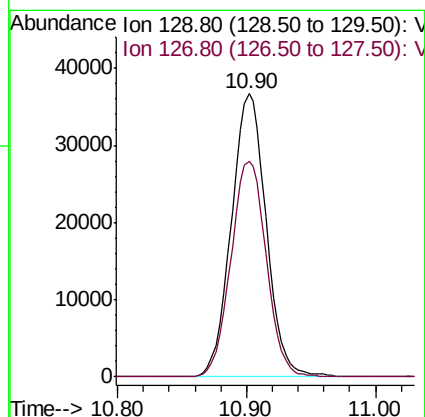
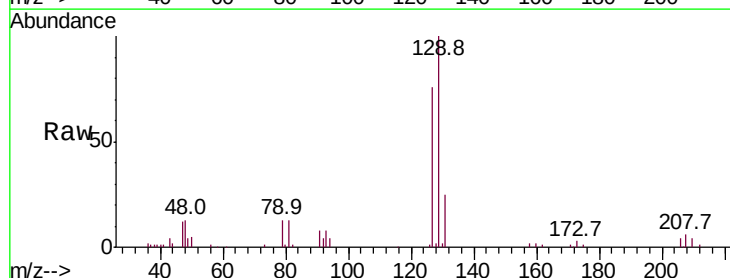
Acq: 25 Jun 2019 10:25

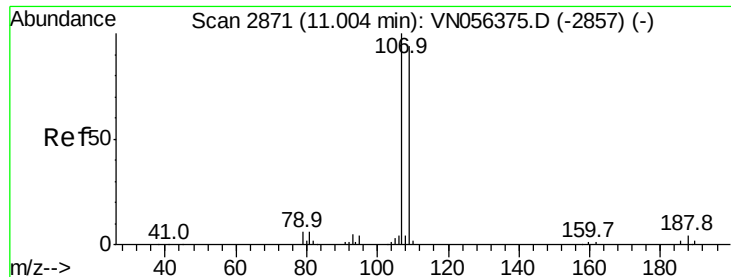
Tgt Ion: 129 Resp: 68754

Ion Ratio Lower Upper

129 100

127 77.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.285 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion:107 Resp: 75731

Ion Ratio Lower Upper

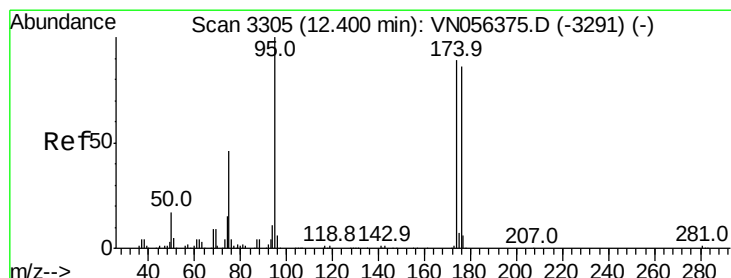
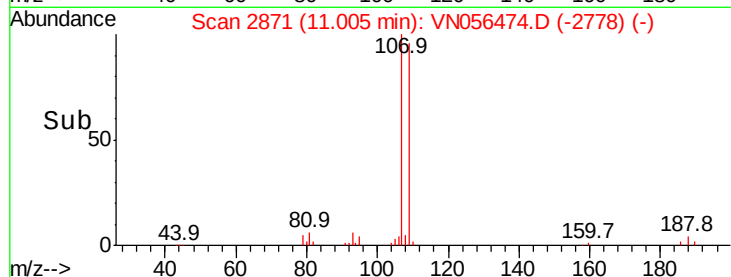
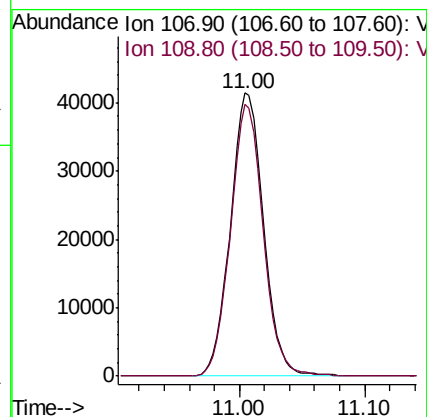
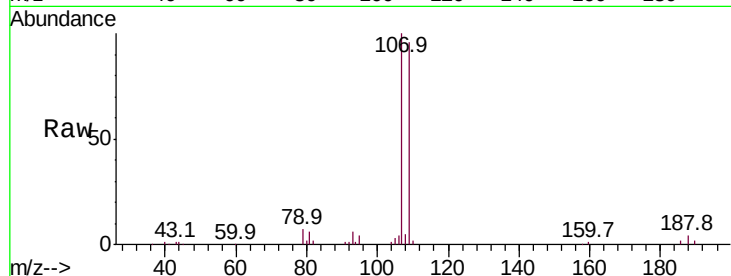
107 100

109 95.1 75.3 112.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 48.640 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

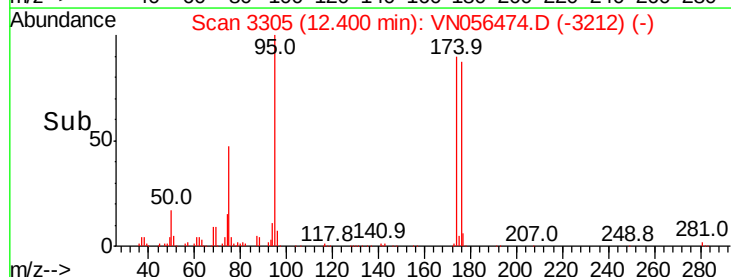
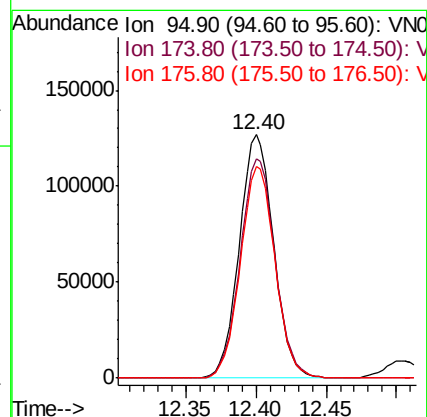
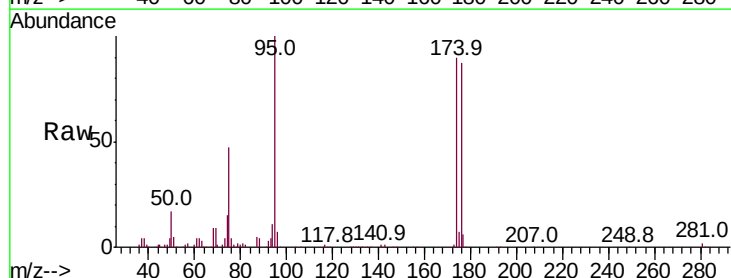
Tgt Ion: 95 Resp: 216236

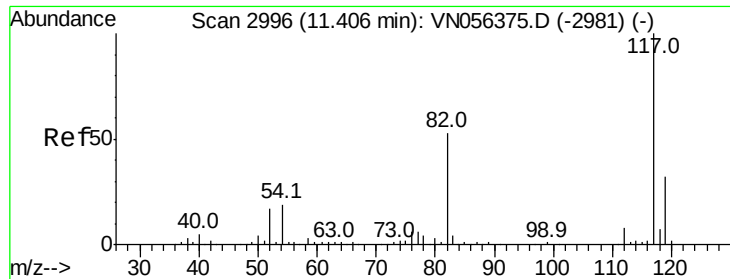
Ion Ratio Lower Upper

95 100

174 91.9 0.0 179.4

176 87.8 0.0 173.4





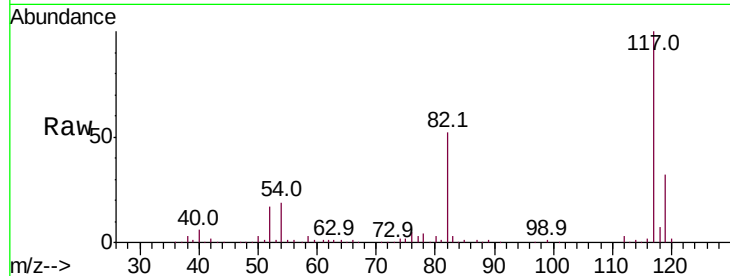
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.0	63.0
119	32.4	25.3	37.9

Manual Integrations
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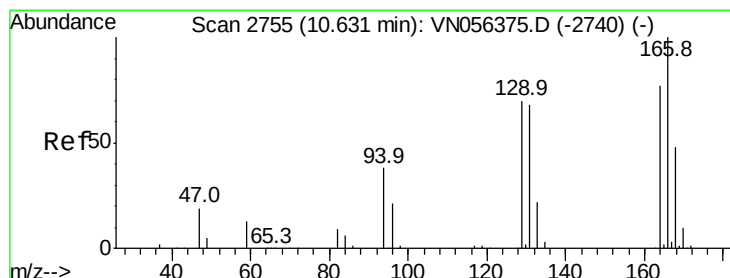
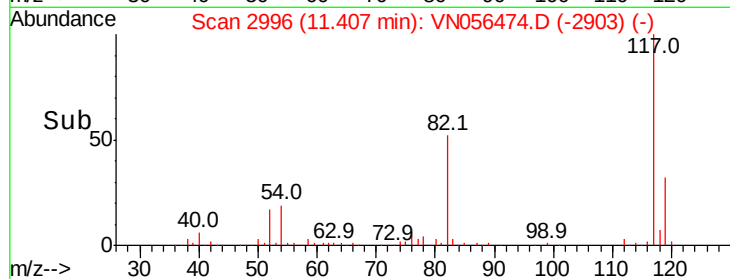
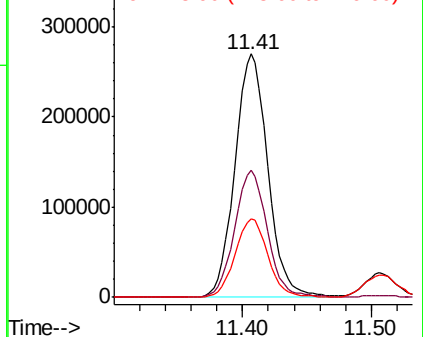


Abundance

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: 20.070 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	103.4	155.0
129	89.5	72.0	108.0
131	85.6	70.2	105.2

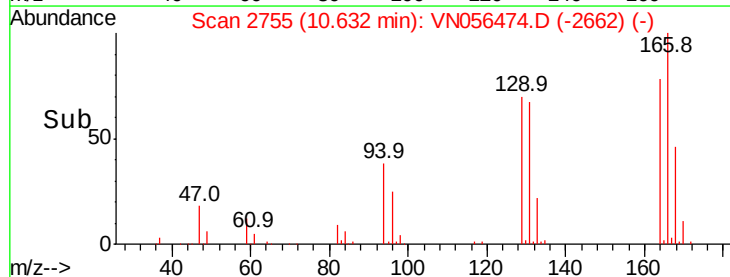
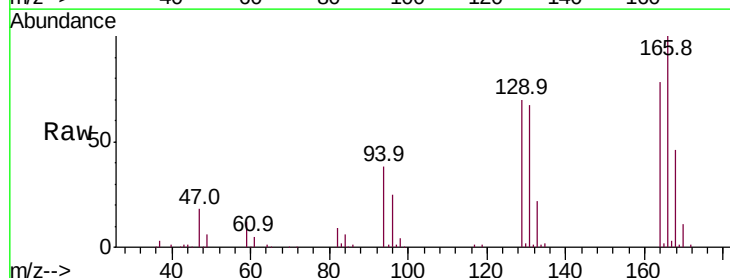
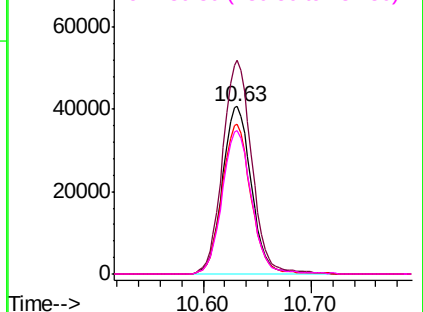
Abundance

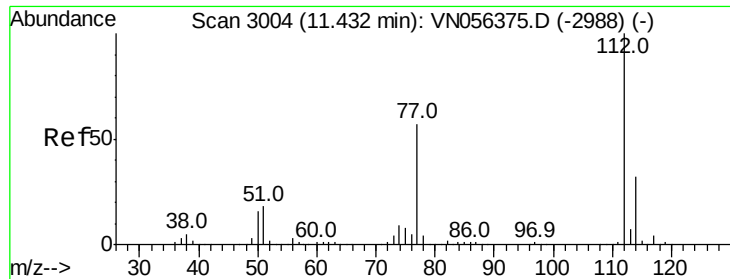
Ion 163.80 (163.50 to 164.50): V

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





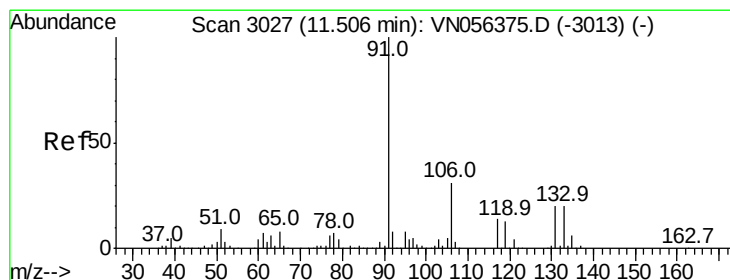
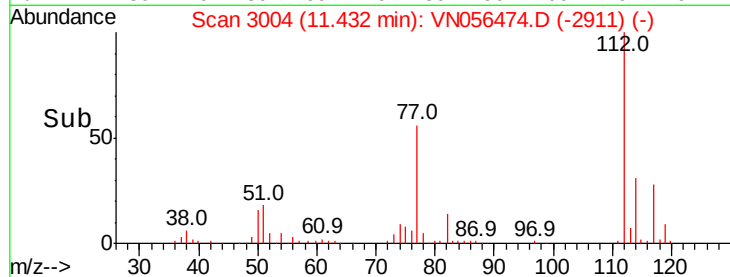
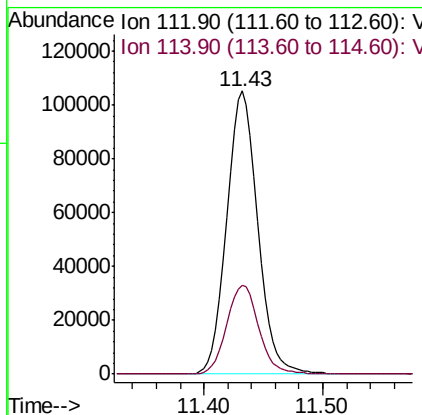
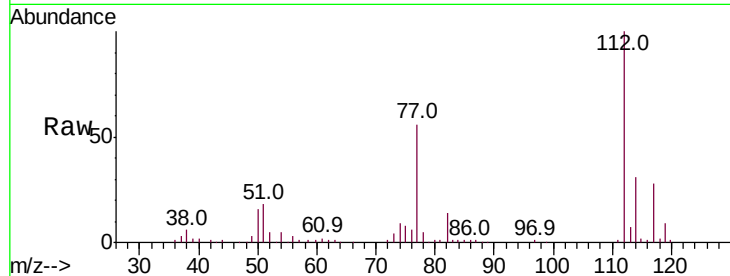
#65
Chlorobenzene
Concen: 19.785 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion:112 Resp: 190406
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

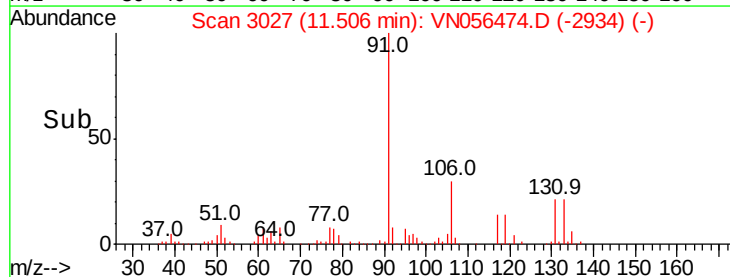
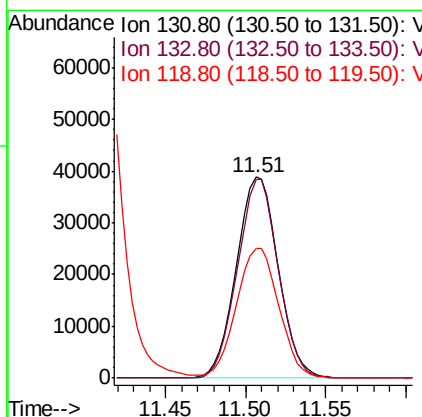
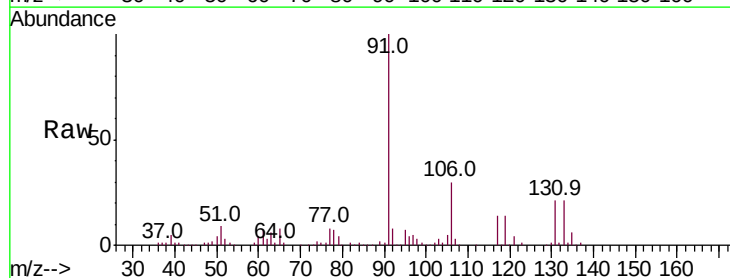
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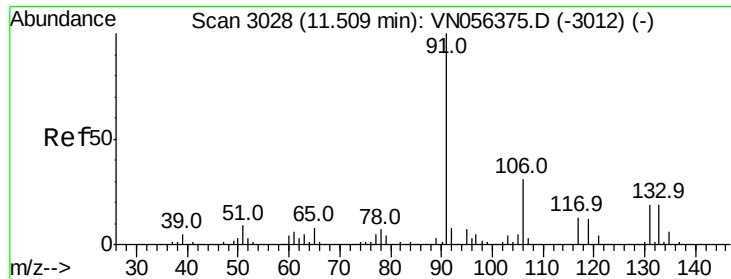
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.275 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion:131 Resp: 69199
Ion Ratio Lower Upper
131 100
133 96.5 47.4 142.2
119 66.0 32.8 98.4





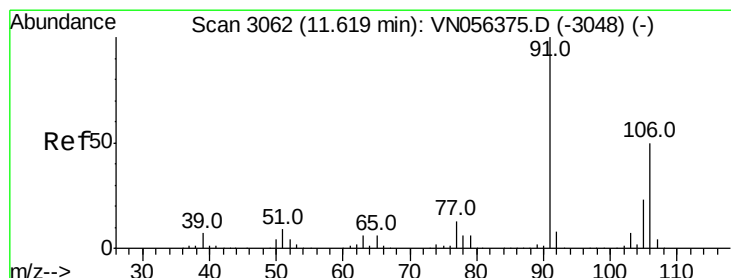
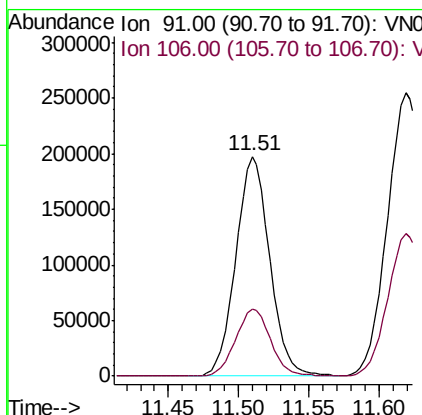
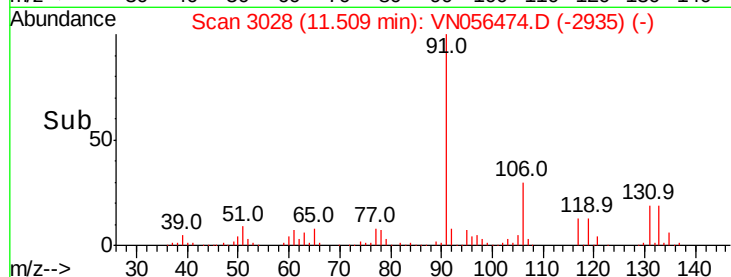
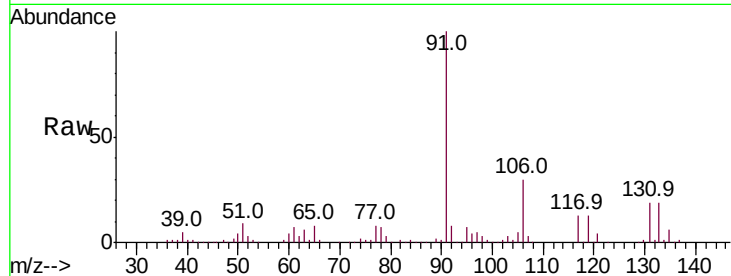
#67
Ethyl Benzene
Concen: 19.711 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion: 91 Resp: 333068
Ion Ratio Lower Upper
91 100
106 30.5 25.1 37.7

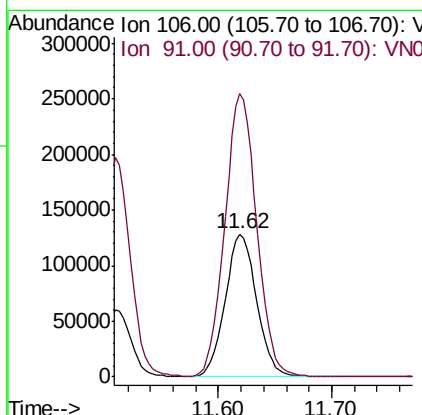
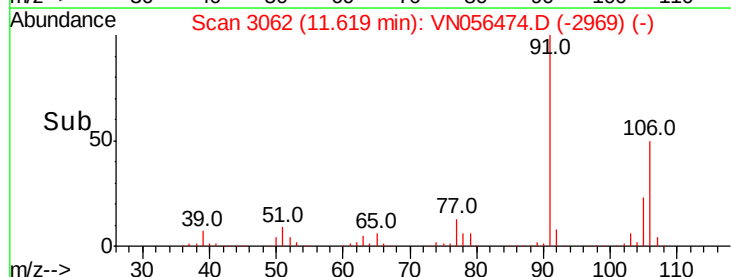
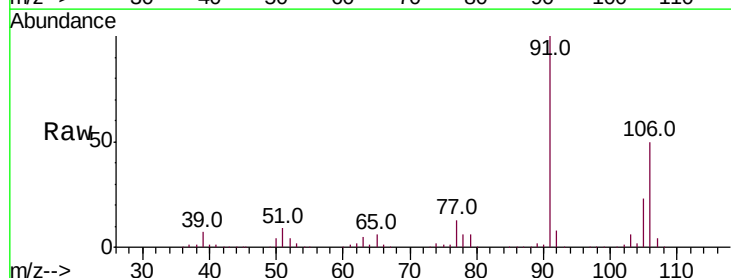
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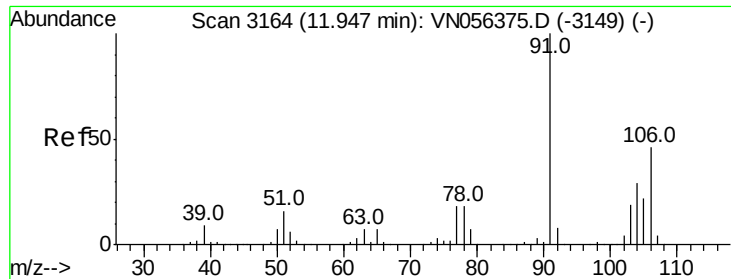
MMDadoda
6/26/2019 9:28:17 AM



#68
m/p-Xylenes
Concen: 40.240 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion: 106 Resp: 249191
Ion Ratio Lower Upper
106 100
91 199.3 160.1 240.1





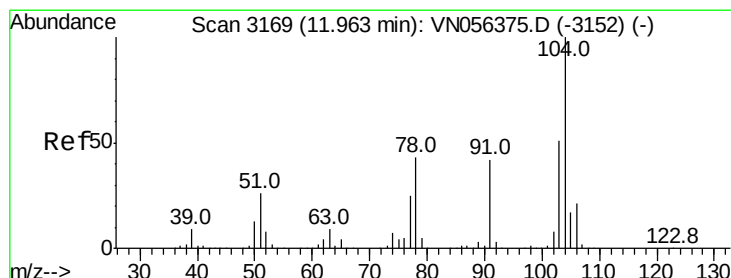
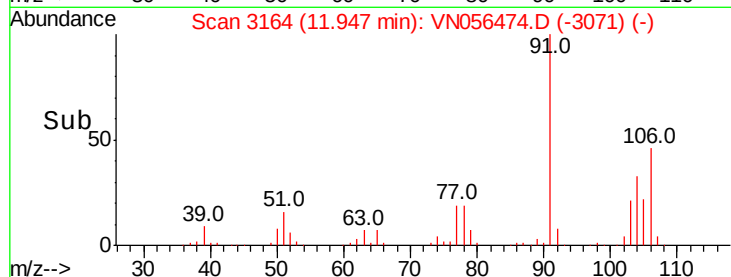
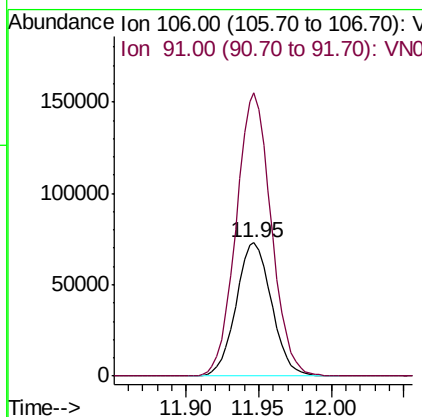
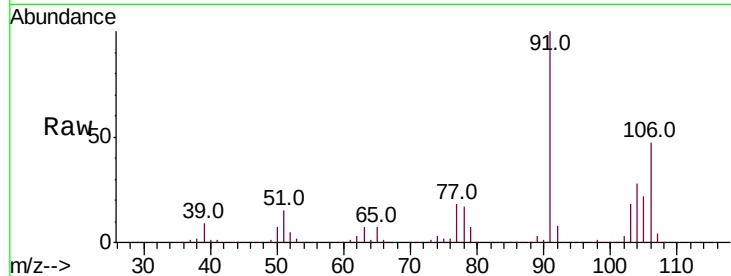
#69
o-Xylene
Concen: 20.262 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion:106 Resp: 124140
Ion Ratio Lower Upper
106 100
91 209.8 107.1 321.3

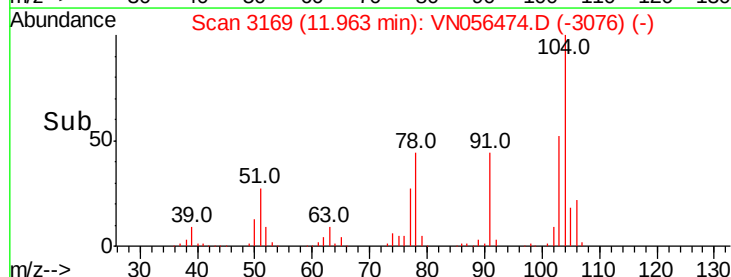
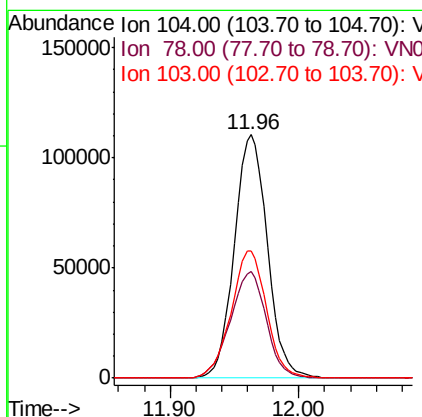
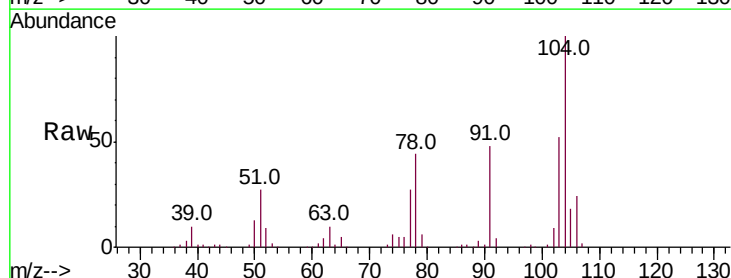
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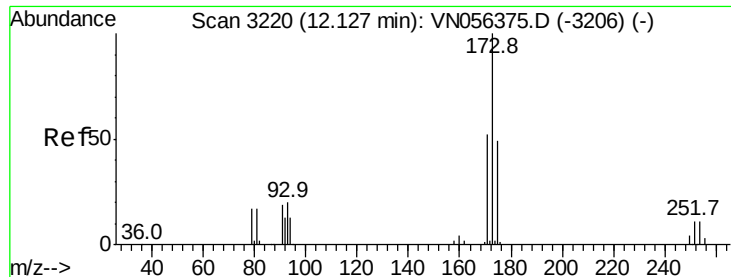
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#70
Styrene
Concen: 20.087 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion:104 Resp: 196714
Ion Ratio Lower Upper
104 100
78 47.7 38.6 57.8
103 56.0 43.9 65.9





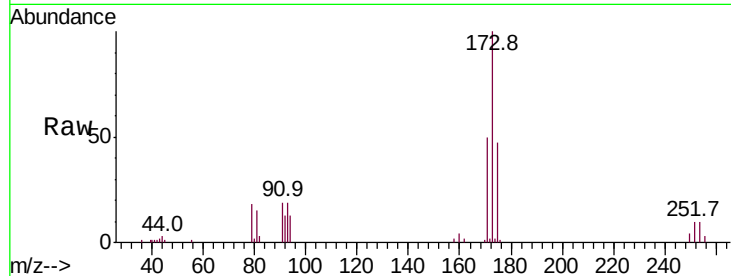
#71
Bromoform
Concen: 19.951 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

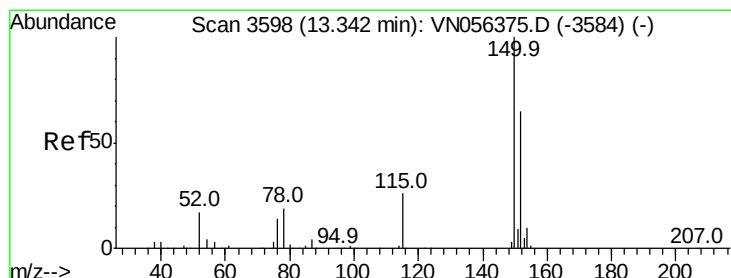
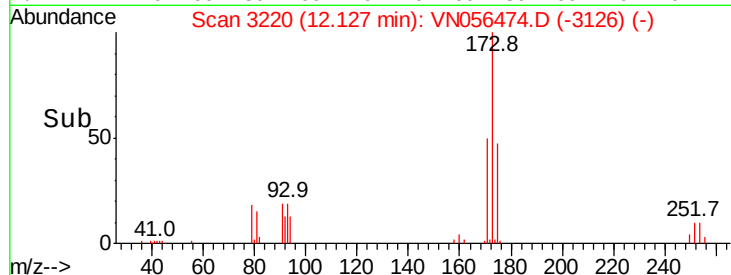
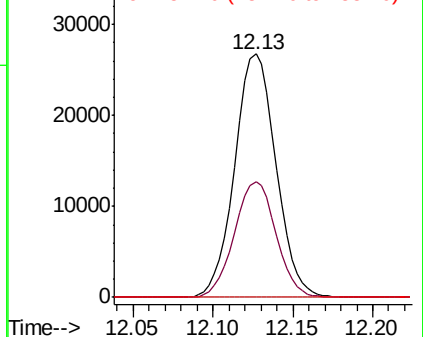
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations
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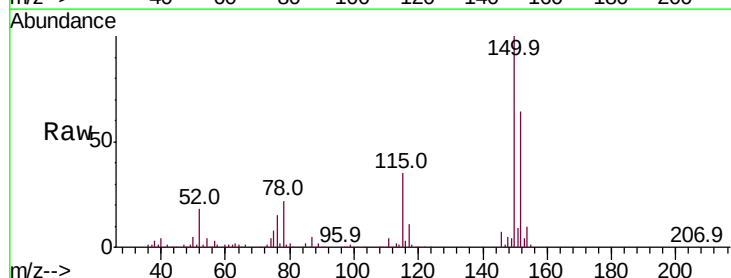


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

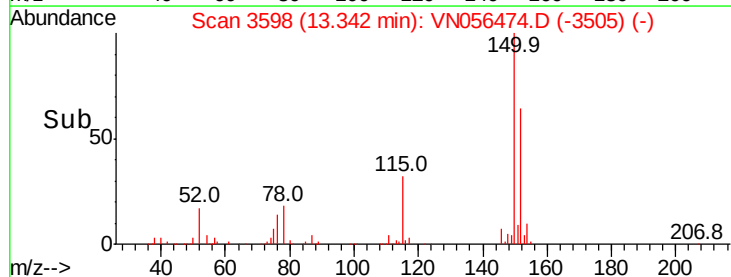
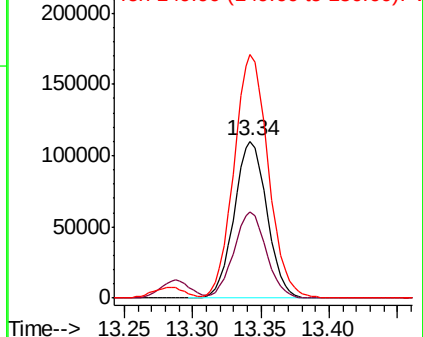


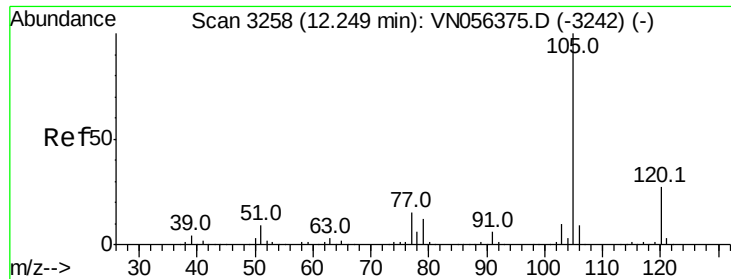
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.1	84.4
150	161.9	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





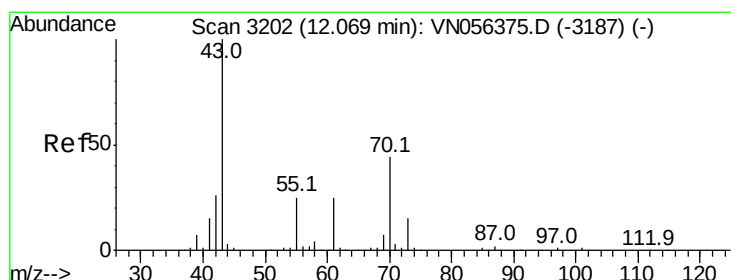
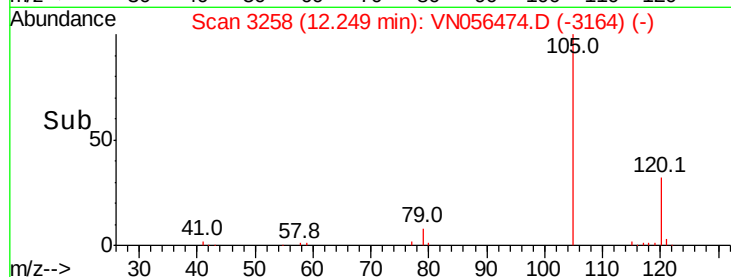
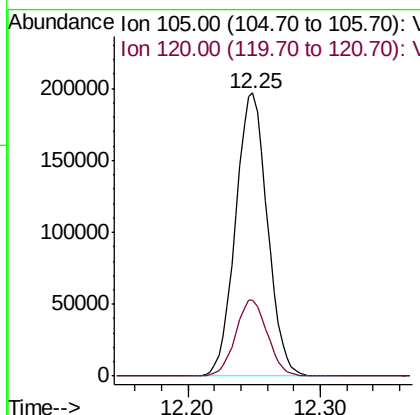
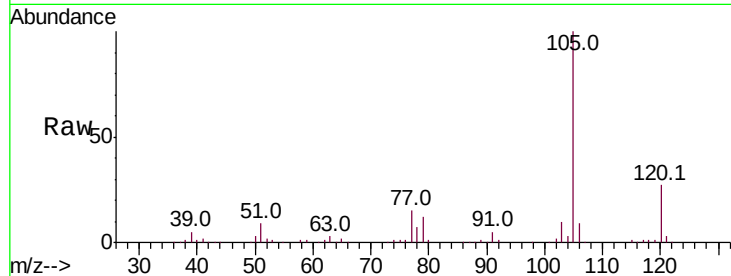
#73
Isopropylbenzene
Concen: 22.289 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion:105 Resp: 327789
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2

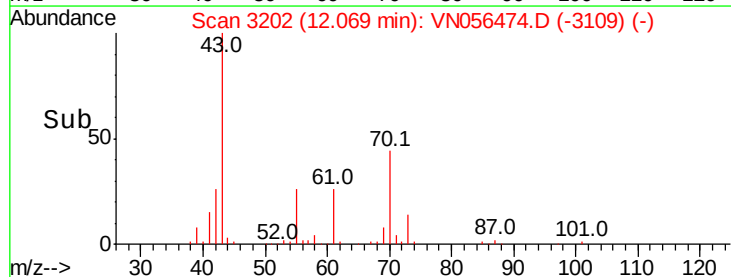
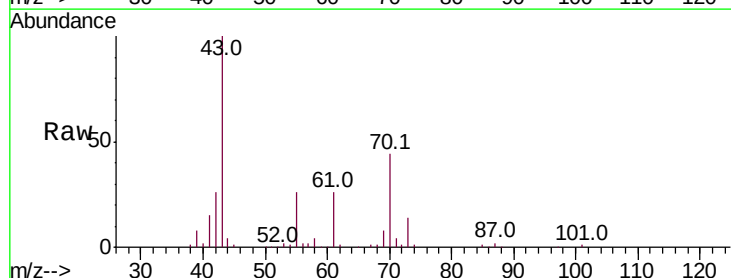
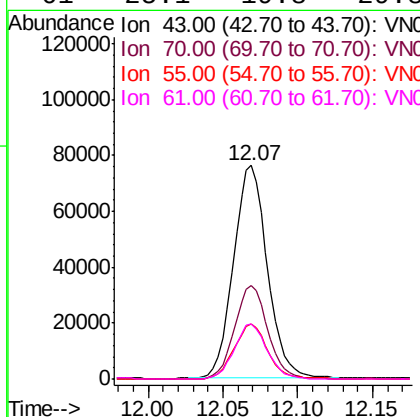
Manual Integrations
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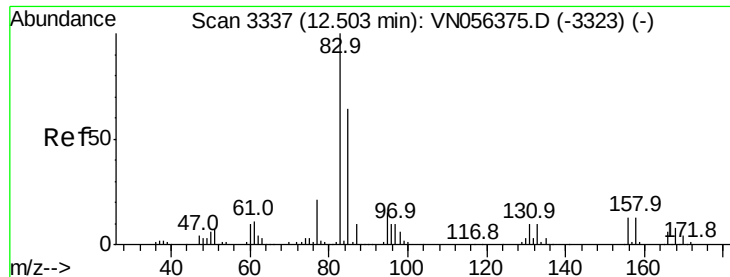
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#74
N-ethyl acetate
Concen: 20.562 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion: 43 Resp: 120104
Ion Ratio Lower Upper
43 100
70 43.0 34.9 52.3
55 26.0 20.4 30.6
61 25.1 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.411 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

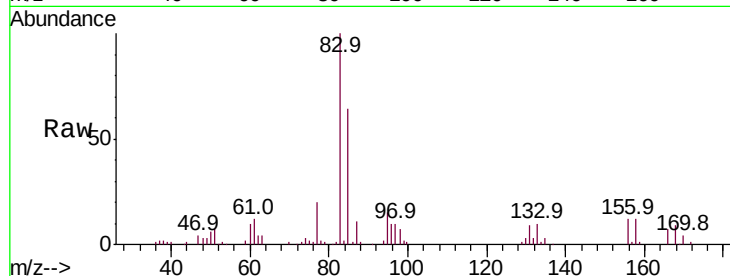
ClientSampleId :

VN0625WBS01

Tot Ion:	83	Resp:	102884
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.3	15.8
85	65.1	32.4	97.0

Manual Integrations
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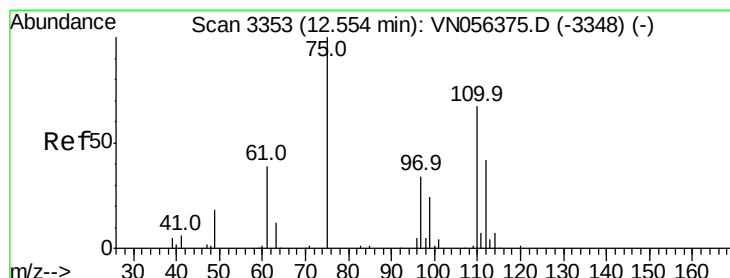
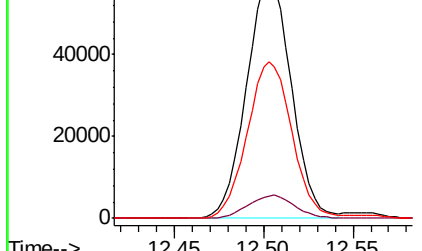
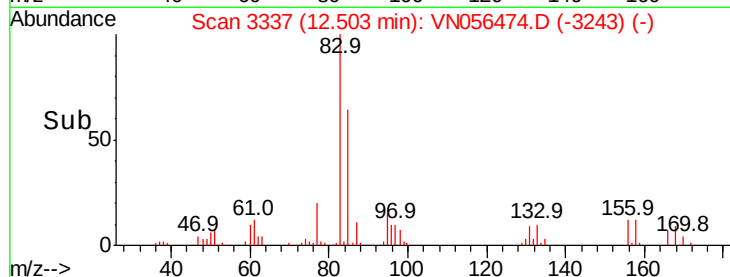


Abundance Ion 82.90 (82.60 to 83.60): VN056474.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN056474.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN056474.D (-3337) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 21.892 ug/l m

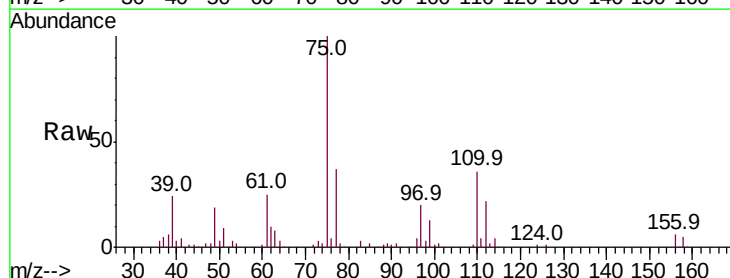
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

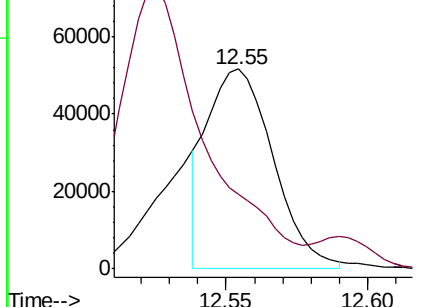
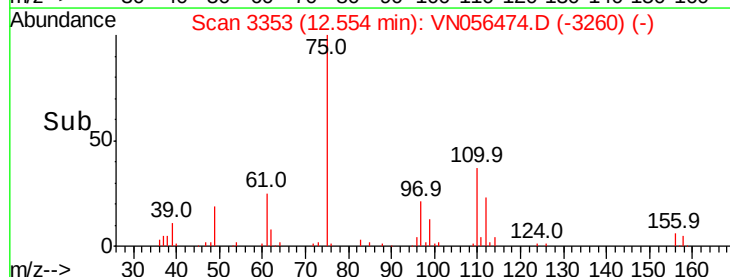
Tgt Ion:	75	Resp:	83311
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

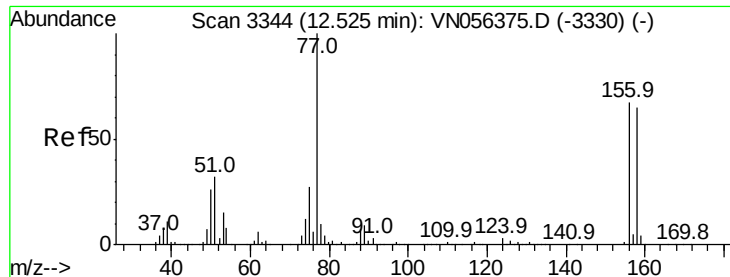


Abundance Ion 74.90 (74.60 to 75.60): VN056474.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN056474.D (-3353) (-)

Time-->





#77

Bromobenzene

Concen: 20.456 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

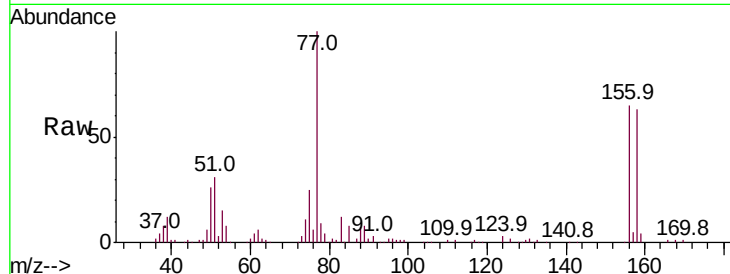
ClientSampleId :

VN0625WBS01

Tot Ion:	156	Resp:	83947
Ion	Ratio	Lower	Upper
156	100		
77	184.5	92.5	277.3
158	97.7	48.7	146.1

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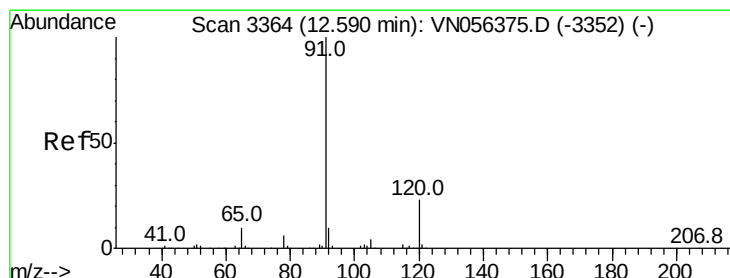
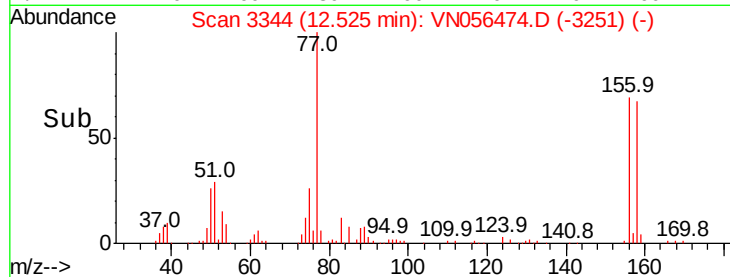
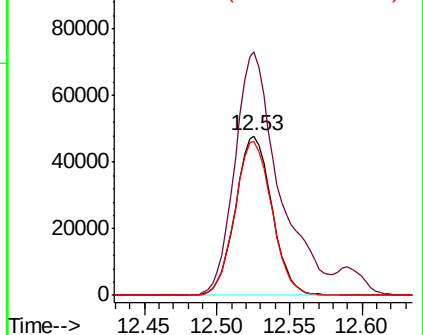
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.099 ug/l

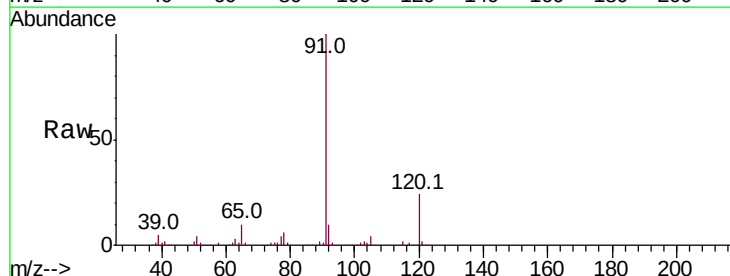
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056474.D

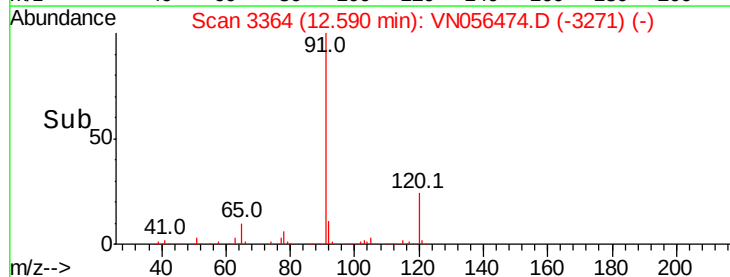
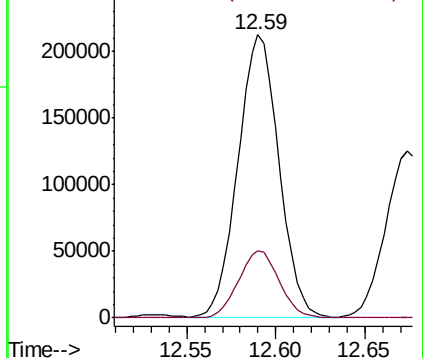
Acq: 25 Jun 2019 10:25

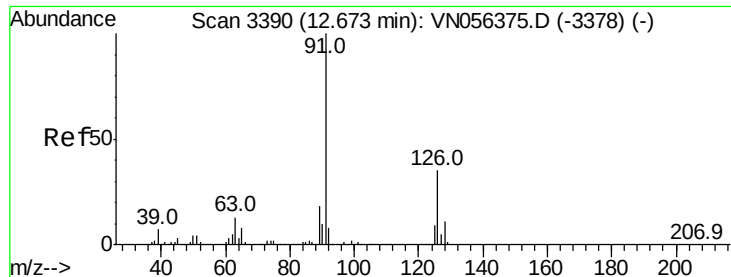
Tgt Ion:	91	Resp:	337805
Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.567 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion: 91 Resp: 212017

Ion Ratio Lower Upper

91 100

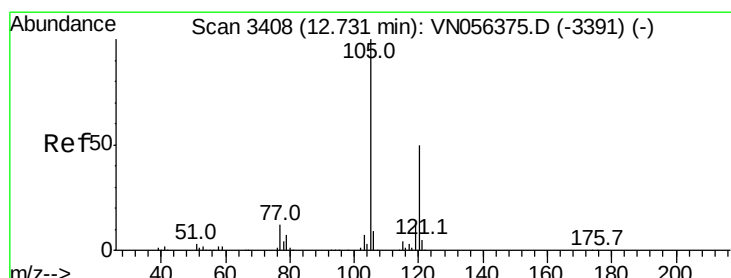
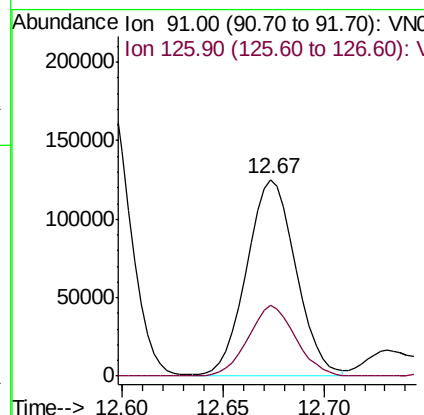
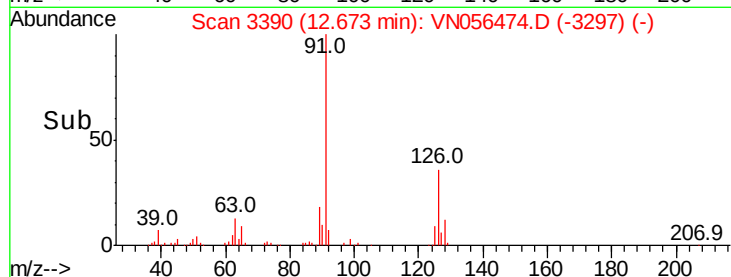
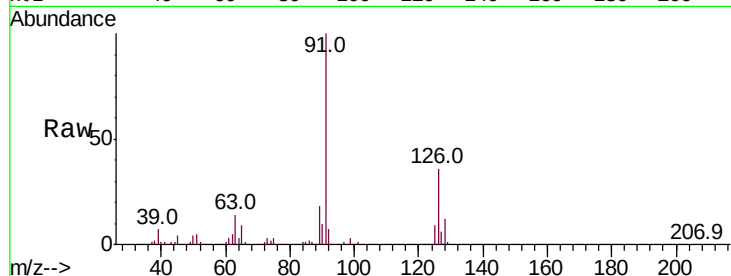
126 35.1 17.6 52.8

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#80

1,3,5-Trimethylbenzene

Concen: 21.551 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056474.D

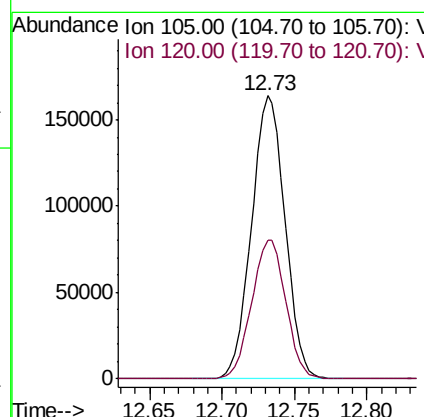
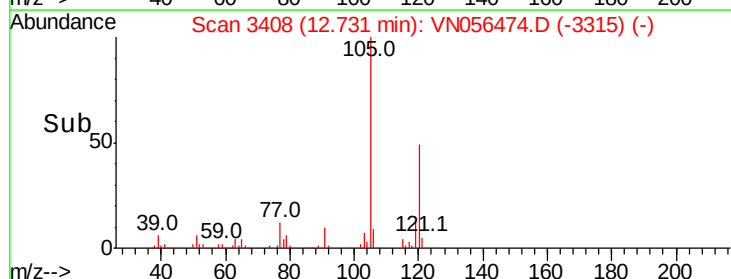
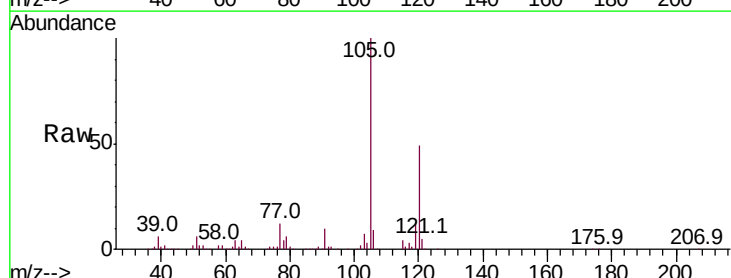
Acq: 25 Jun 2019 10:25

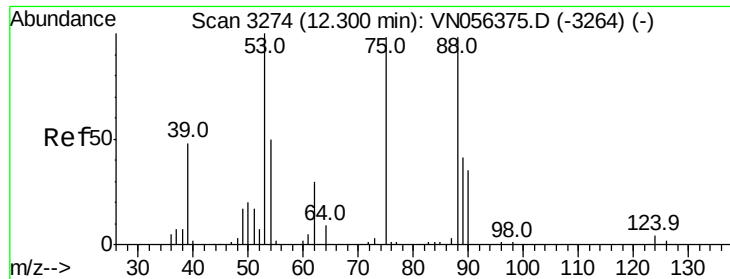
Tgt Ion: 105 Resp: 263770

Ion Ratio Lower Upper

105 100

120 49.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 21.240 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

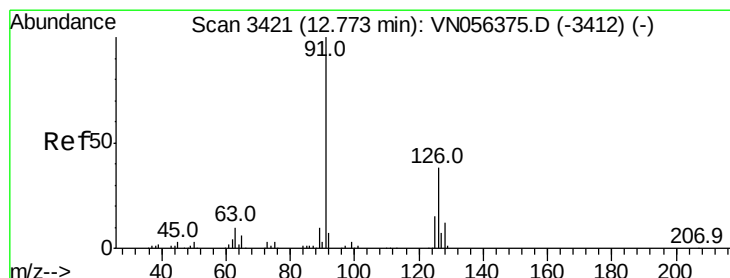
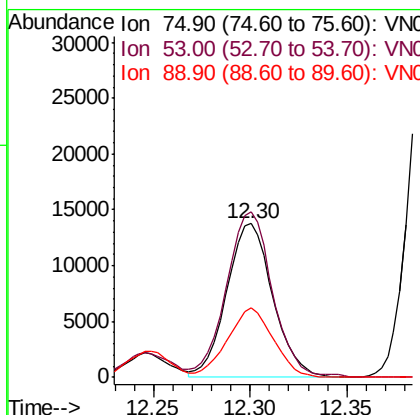
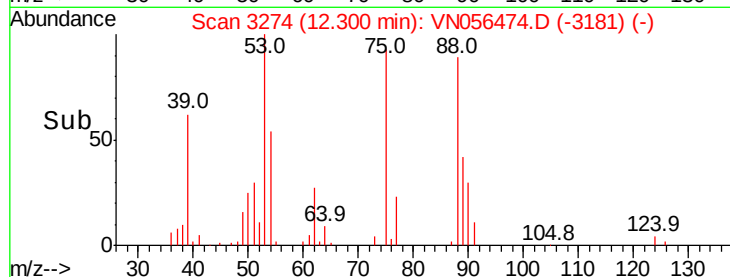
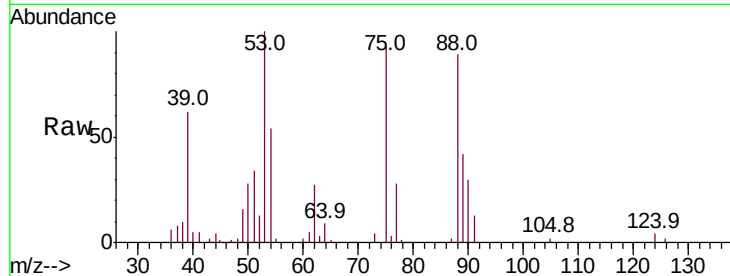
ClientSampleId :

VN0625WBS01

Tot Ion:	75	Resp:	22743
Ion	Ratio	Lower	Upper
75	100		
53	108.1	83.9	125.9
89	45.0	35.0	52.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.684 ug/l

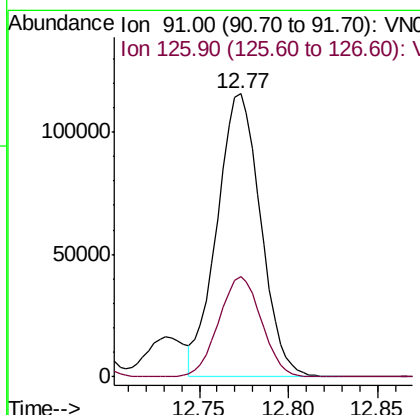
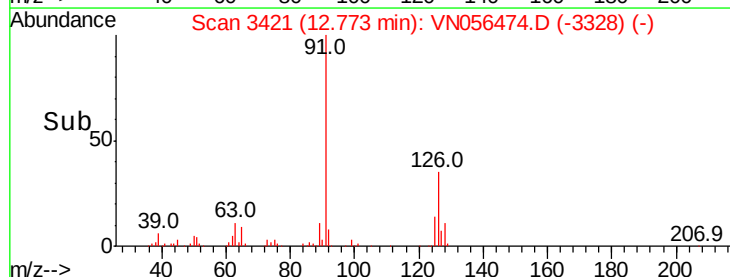
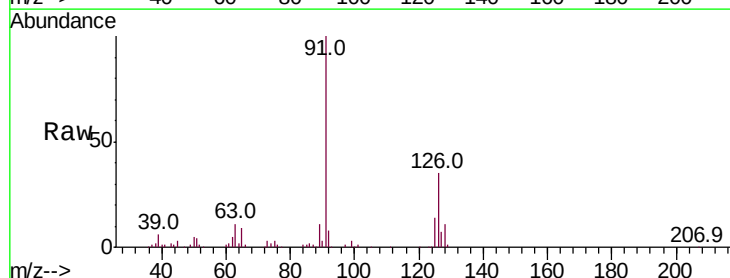
RT: 12.77 min Scan# 3421

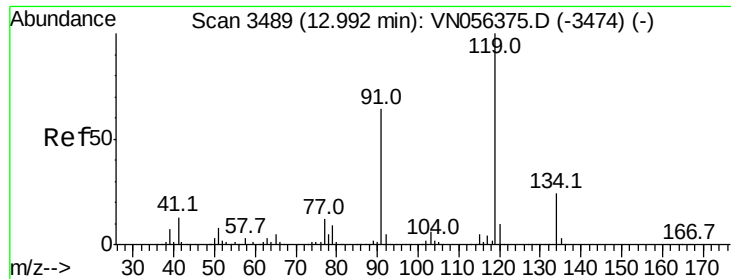
Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Tgt Ion:	91	Resp:	195335
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.3	52.0





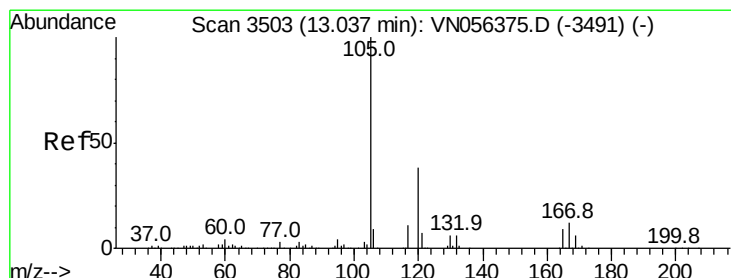
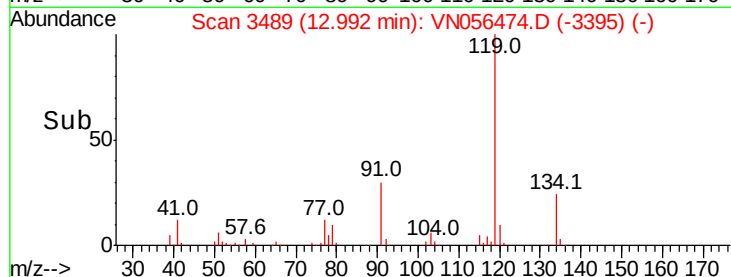
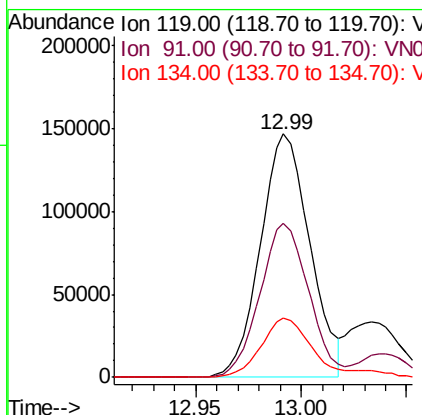
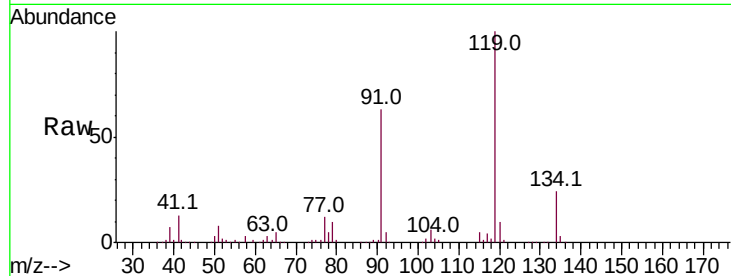
#83
 tert-Butylbenzene
 Concen: 22.277 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	239612		
91	62.6		31.6	94.7
134	26.4		13.2	39.5

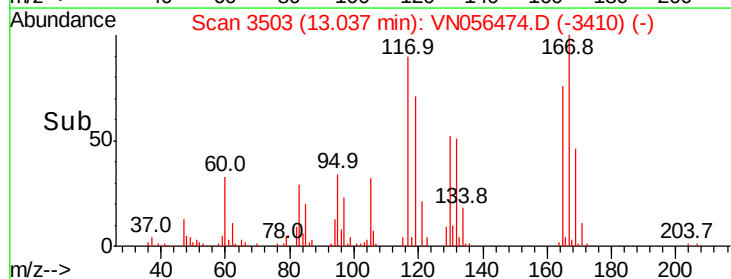
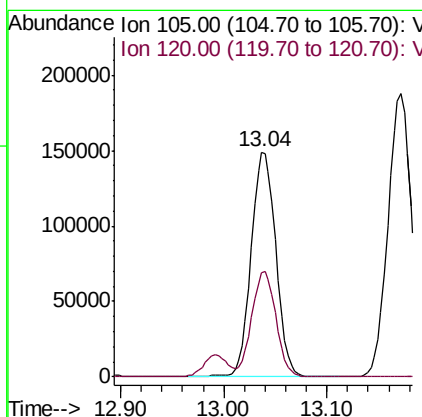
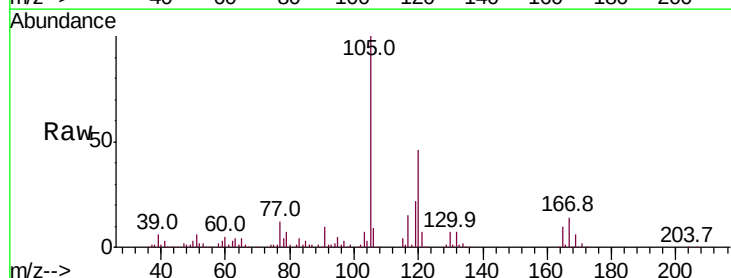
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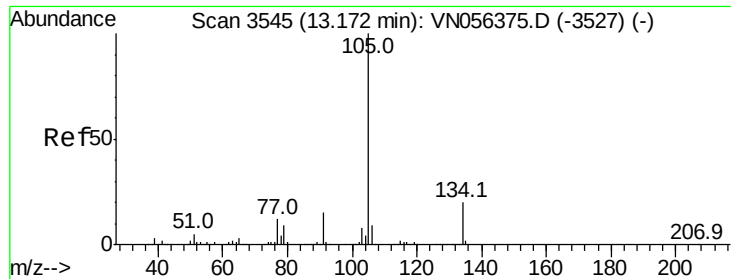
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.975 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246795		
120	46.2		22.9	68.8





#85

sec-Butylbenzene

Concen: 20.332 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion:105 Resp: 300359

Ion Ratio Lower Upper

105 100

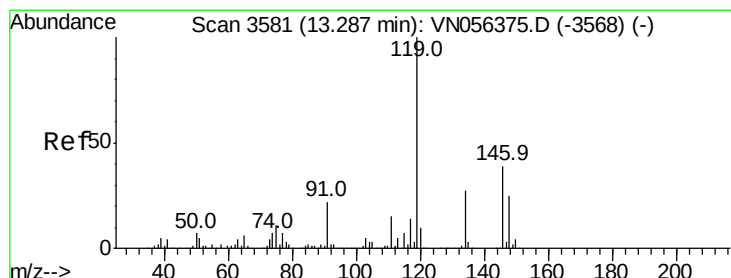
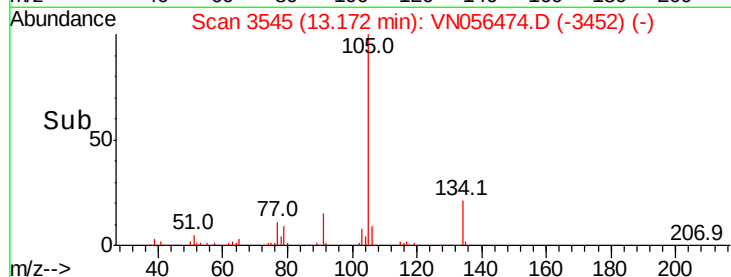
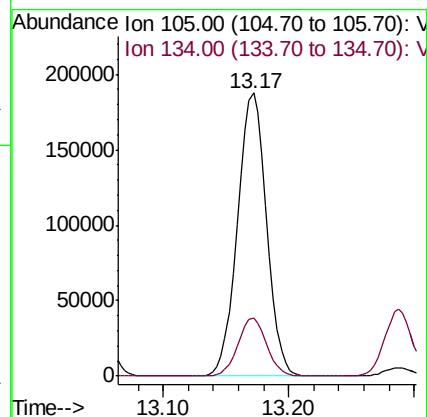
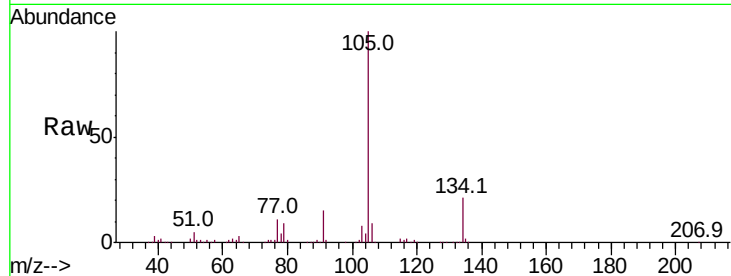
134 20.3 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 20.068 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

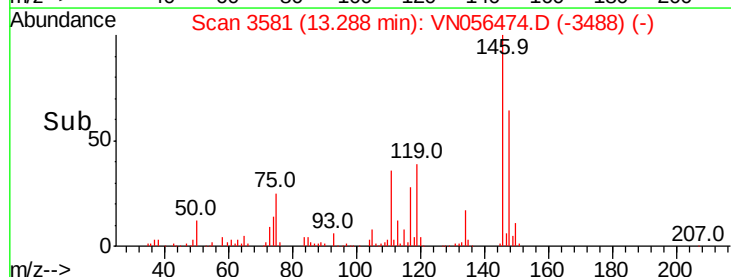
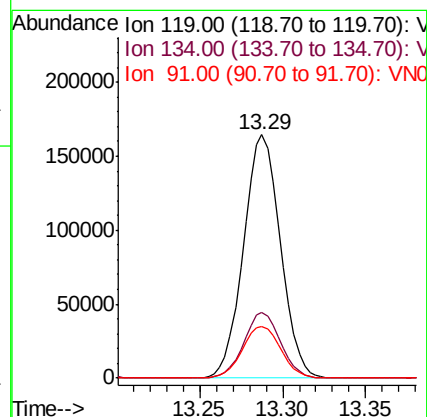
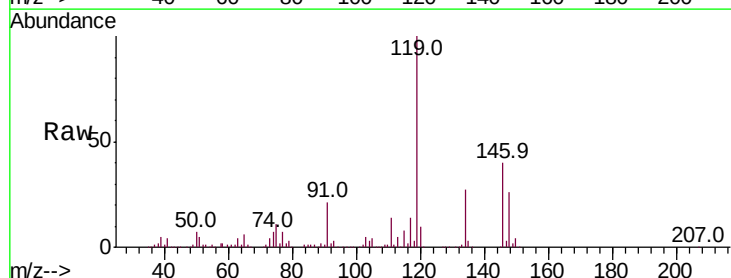
Tgt Ion:119 Resp: 254425

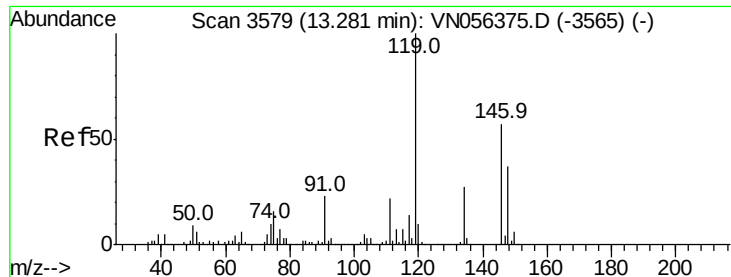
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.1 11.2 33.5





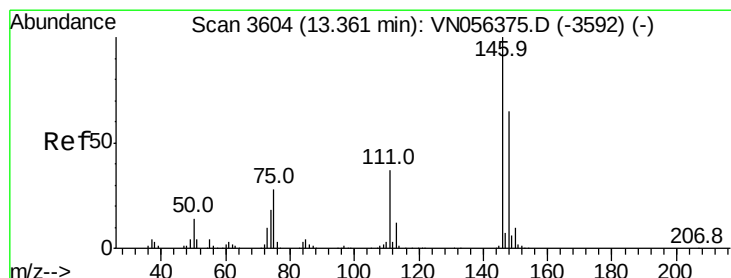
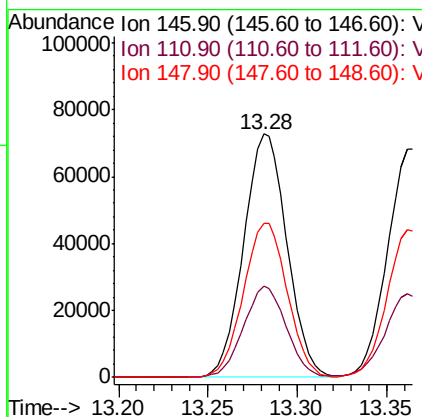
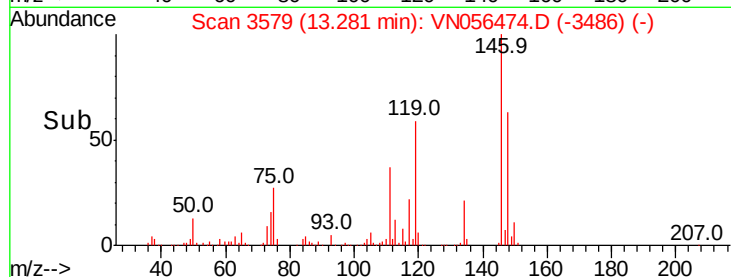
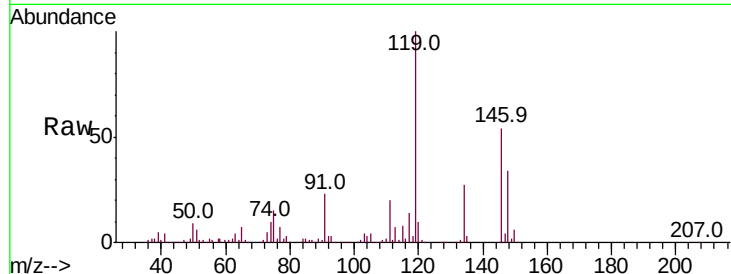
#87
 1,3-Dichlorobenzene
 Concen: 19.862 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	123525		
111	36.8	18.9	56.9	
148	64.1	32.1	96.5	

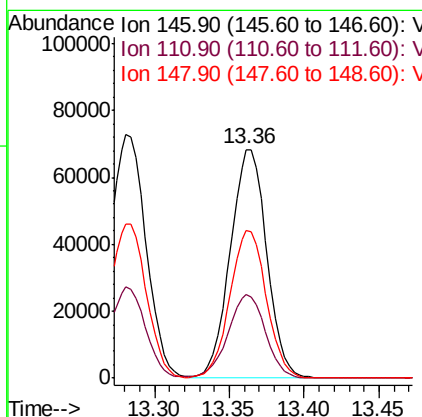
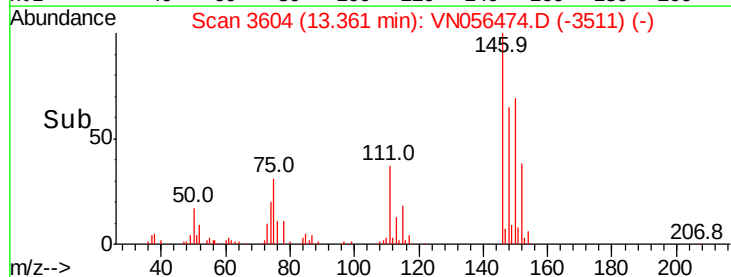
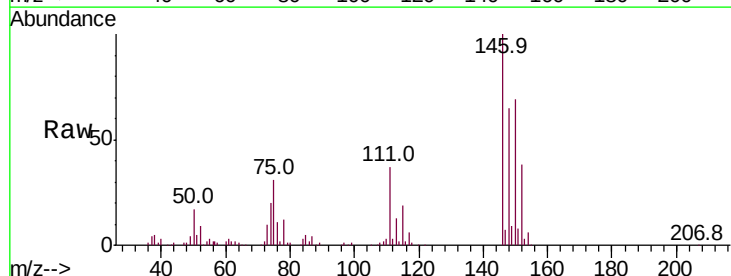
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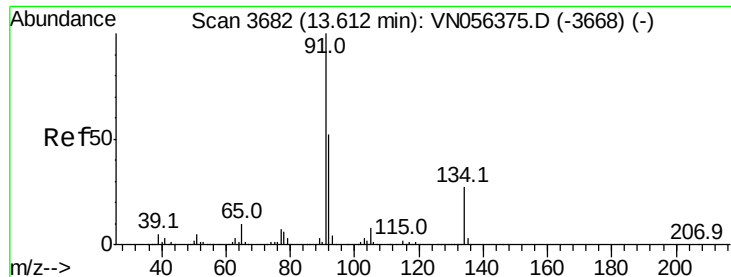
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#88
 1,4-Dichlorobenzene
 Concen: 19.263 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116021		
111	37.5	18.4	55.4	
148	64.5	32.4	97.0	





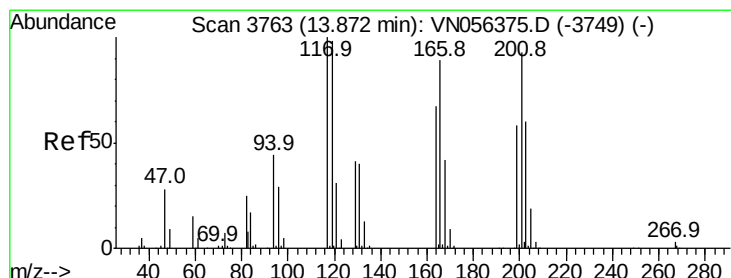
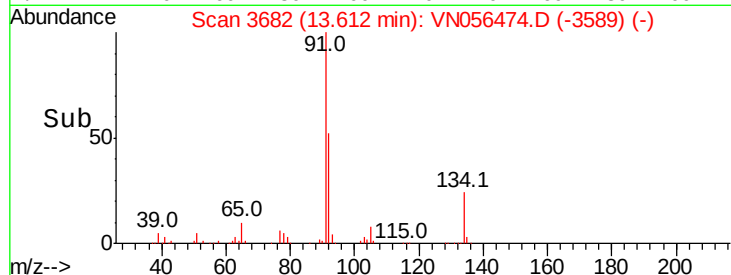
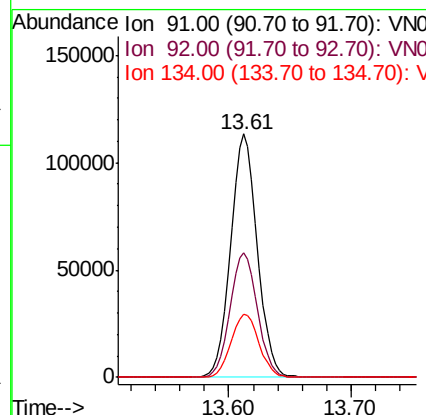
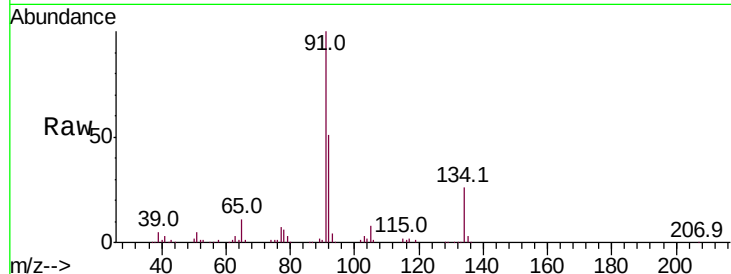
#89
n-Butylbenzene
Concen: 18.074 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.5
134	27.1	13.4	40.2

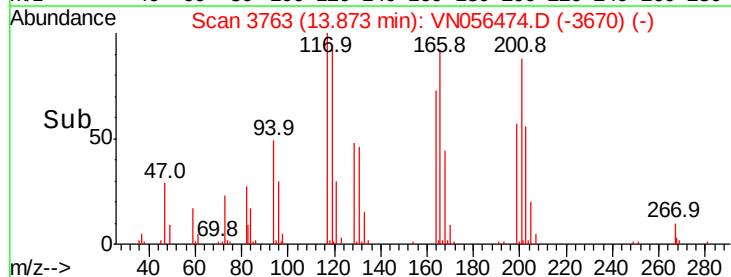
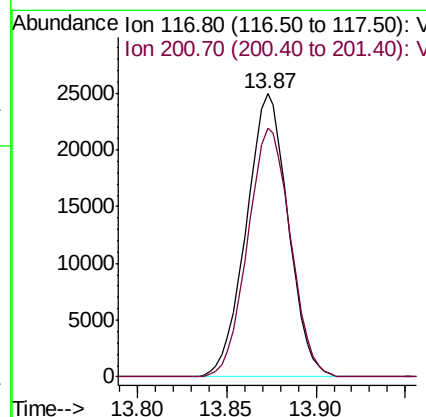
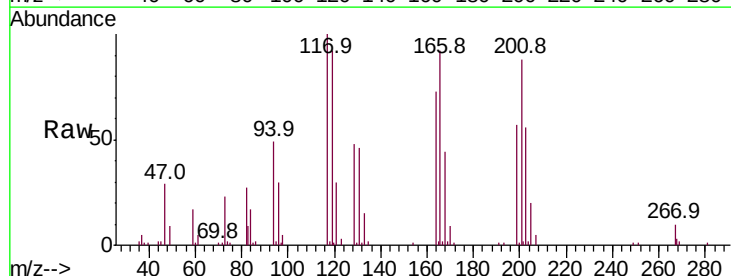
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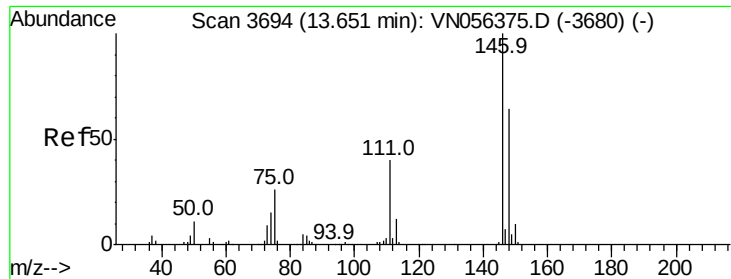
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#90
Hexachloroethane
Concen: 20.788 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056474.D
Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.4	45.9	137.6





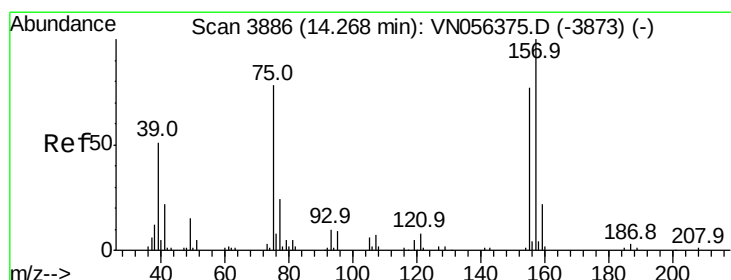
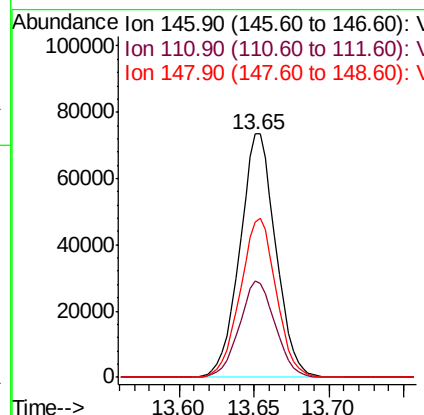
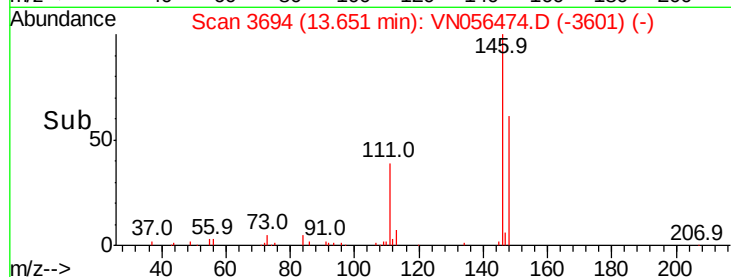
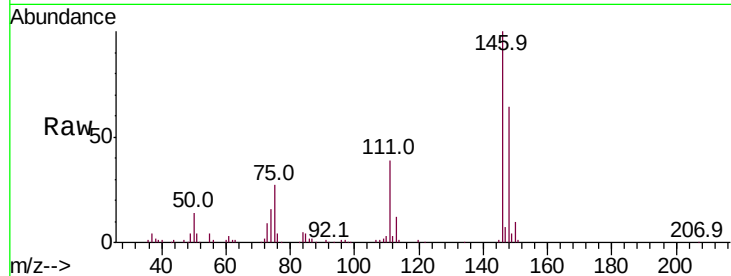
#91
 1,2-Dichlorobenzene
 Concen: 19.846 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	122458		
111	39.4	19.3	57.9	
148	65.4	32.0	96.0	

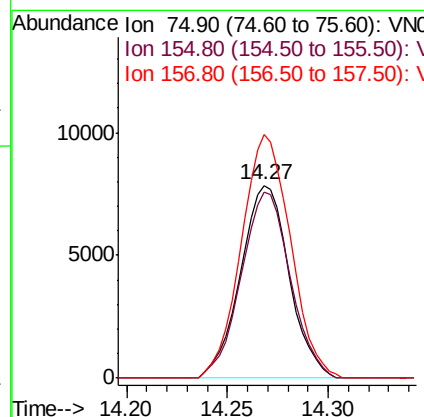
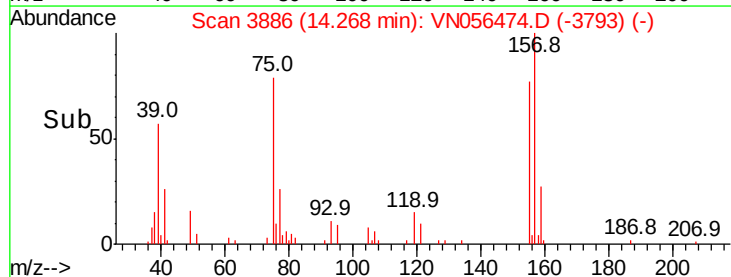
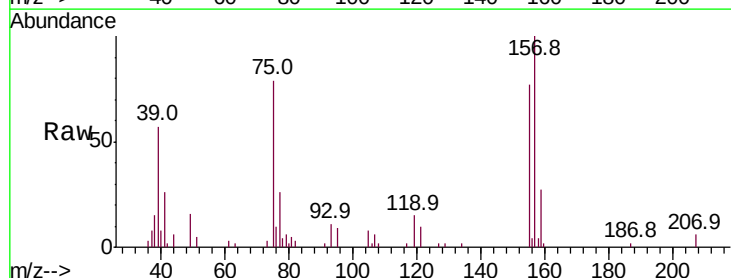
Manual Integrations
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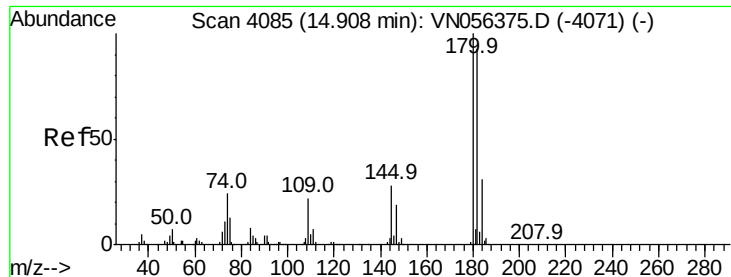
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.486 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13233		
155	97.5	48.9	146.8	
157	127.9	62.9	188.8	





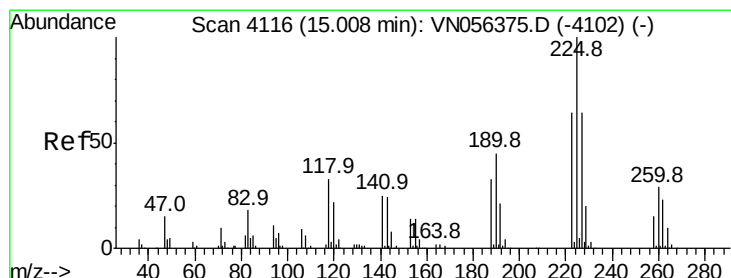
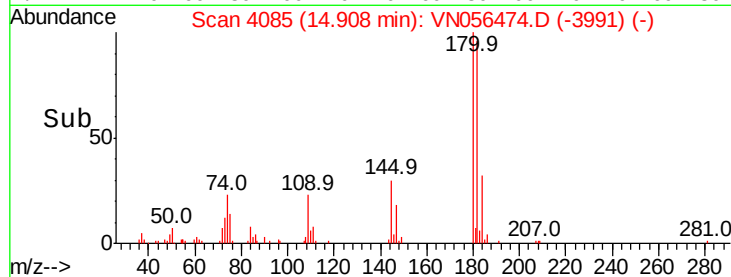
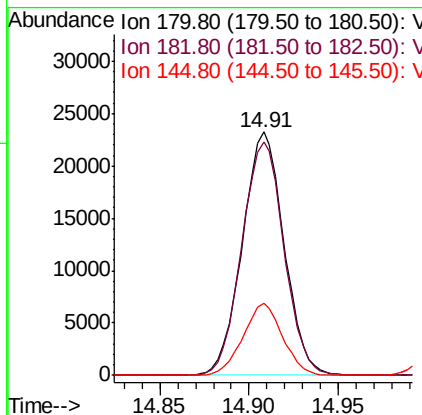
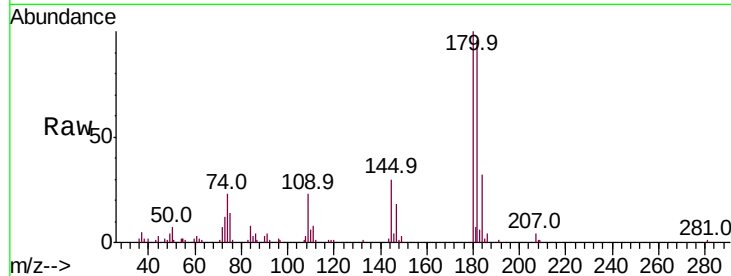
#93
 1,2,4-Trichlorobenzene
 Concen: 16.061 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.2	46.9	140.6	
145	28.1	14.4	43.0	

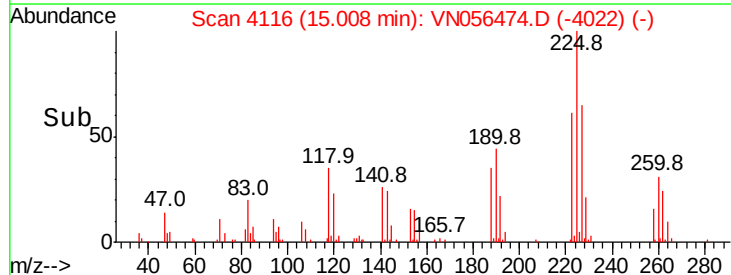
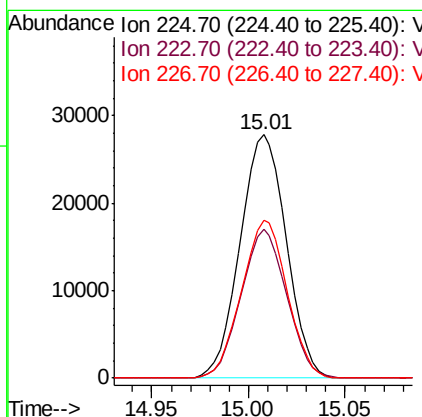
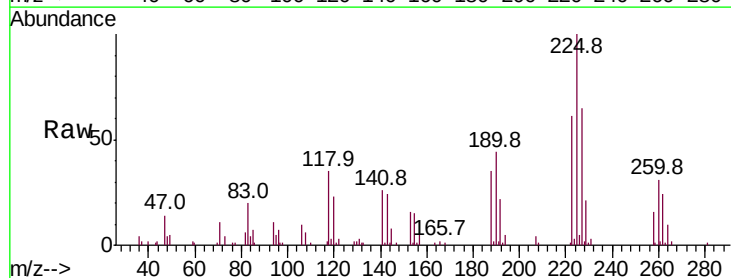
Manual Integrations
 APPROVED

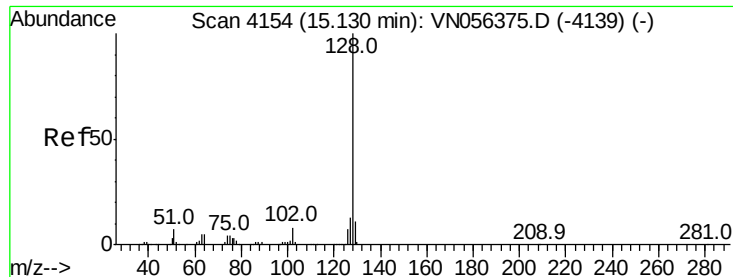
MMDadoda
 6/26/2019 9:28:17 AM



#94
 Hexachlorobutadiene
 Concen: 21.039 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056474.D
 Acq: 25 Jun 2019 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.3	31.4	94.3	
227	63.9	32.1	96.3	





#95

Naphthalene

Concen: 16.728 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Instrument :

MSVOA_N

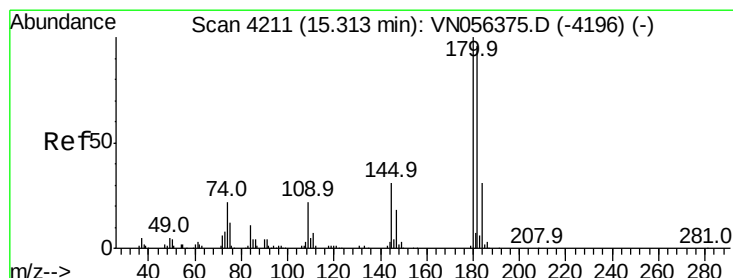
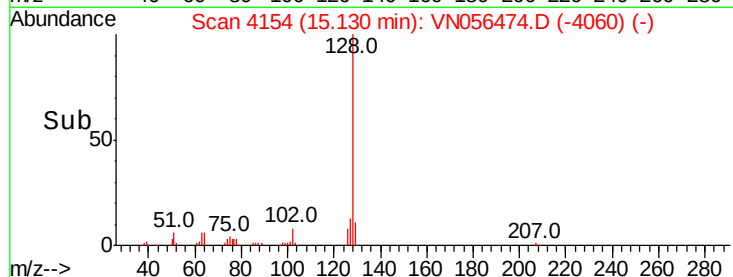
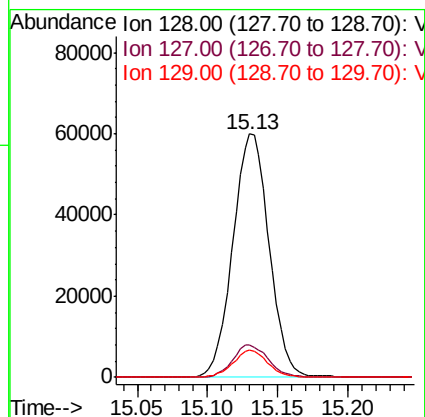
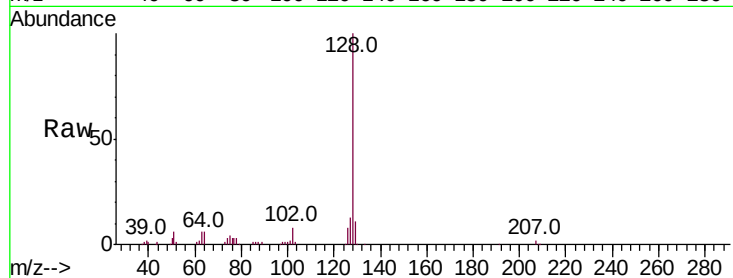
ClientSampleId :

VN0625WBS01

Tot Ion:	128	Resp:	107740
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.2
129	10.6	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
6/26/2019 9:28:17 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.269 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056474.D

Acq: 25 Jun 2019 10:25

Tgt Ion:	180	Resp:	46767
Ion Ratio	Lower	Upper	
180	100		
182	94.8	48.3	144.8
145	29.9	15.4	46.1

