

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
 Data File : VN056887.D
 Acq On : 23 Jul 2019 19:28
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 2:19:52 PM

Quant Time: Jul 24 03:27:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 02:31:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	59072	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	316957	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	270969	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	114738	28.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.23%
60) 4-Bromofluorobenzene	12.40	95	119487	29.03	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.77%
63) Toluene-d8	10.09	98	394018	31.60	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	69964	20.844	ug/l 100
3) Chloromethane	2.06	50	85487	19.328	ug/l 100
4) Vinyl Chloride	2.19	62	82397	19.007	ug/l 100
5) Bromomethane	2.56	94	49777	18.261	ug/l 100
6) Chloroethane	2.70	64	45675	18.501	ug/l 100
7) Trichlorofluoromethane	3.02	101	98948	18.043	ug/l 100
8) Diethyl Ether	3.41	74	37427	16.793	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	61881	18.069	ug/l 100
10) 1,1-Dichloroethene	3.73	96	61458	18.054	ug/l 100
11) Methyl Iodide	3.95	142	88158	19.123	ug/l 100
12) Methyl Acetate	4.33	43	71286	15.769	ug/l 100
13) Acrolein	3.60	56	43669	122.190	ug/l 100
14) Acrylonitrile	4.99	53	145536	74.782	ug/l 100
15) Acetone	3.82	58	38632	62.368	ug/l 100
16) Carbon Disulfide	4.04	76	159778	17.723	ug/l 100
17) Allyl chloride	4.32	41	99928	16.910	ug/l 100
18) Methylene Chloride	4.55	84	72181	18.069	ug/l 100
19) trans-1,2-Dichloroethene	5.04	96	64360	17.760	ug/l 100
20) Diisopropyl ether	5.95	45	213337	18.009	ug/l 100
21) 1,1-Dichloroethane	5.85	63	123200	18.158	ug/l 100
22) cis-1,2-Dichloroethene	6.83	96	76428	17.961	ug/l 100
23) tert-Butyl Alcohol	4.80	59	54027	78.856	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	182833	17.004	ug/l 100
25) Chloroform	7.37	83	119640	18.168	ug/l 100
26) Cyclohexane	7.65	56	109824	17.601	ug/l # 100
29) 1,1-Dichloropropene	7.79	75	87201	17.895	ug/l 100
30) 2-Butanone	6.84	43	178510	67.472	ug/l 100
31) 2,2-Dichloropropane	6.83	77	81437	17.315	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	96516	18.407	ug/l 100
33) Carbon Tetrachloride	7.77	117	82571	18.310	ug/l 100
34) Benzene	8.04	78	281204	18.628	ug/l 100
35) Methacrylonitrile	7.18	41	38609	17.433	ug/l 100
36) 1,2-Dichloroethane	8.12	62	87321	18.122	ug/l 100
37) Trichloroethene	8.83	130	73976	18.130	ug/l 100
38) Methylcyclohexane	9.08	83	108361	17.650	ug/l 100
39) 1,2-Dichloropropane	9.12	63	74250	18.367	ug/l 100
40) Dibromomethane	9.21	93	45534	17.765	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	86218	18.145	ug/l	100
42) Vinyl Acetate	5.90	43	788383	84.857	ug/l	100
43) Ethyl Acetate	6.94	43	71842	14.646	ug/l	100
44) Isopropyl Acetate	8.17	43	122125	15.626	ug/l	100
45) 1,4-Dioxane	9.20	88	23145	299.860	ug/l	100
46) Methyl methacrylate	9.20	41	58966	15.745	ug/l	100
47) n-amyl Acetate	12.07	43	90998	14.356	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	85993	16.591	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	103096	17.526	ug/l	100
50) 1,1,2-Trichloroethane	10.56	97	67502	17.995	ug/l	100
51) Ethyl methacrylate	10.43	69	92790	16.323	ug/l	100
52) 1,3-Dichloropropane	10.71	76	111693	17.937	ug/l	100
53) Dibromochloromethane	10.90	129	66298	17.468	ug/l	100
54) 1,2-Dibromoethane	11.00	107	66200	17.120	ug/l	100
55) 2-Chloroethyl vinyl ether	9.69	63	205710	76.053	ug/l	100
56) Bromoform	12.12	173	44484	16.002	ug/l	100
58) 4-Methyl-2-Pentanone	9.98	43	373290	77.532	ug/l	100
59) 2-Hexanone	10.75	43	246796	69.422	ug/l	100
61) Tetrachloroethene	10.63	164	78495	20.301	ug/l	100
62) Toluene	10.15	91	293878	18.851	ug/l	100
64) Chlorobenzene	11.43	112	174570	18.380	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	67259	19.148	ug/l	100
66) Ethyl Benzene	11.51	91	305172	18.221	ug/l	100
67) m/p-Xylenes	11.62	106	228501	36.253	ug/l	100
68) o-Xylene	11.94	106	112319	18.158	ug/l	100
69) Styrene	11.96	104	179326	17.598	ug/l	100
70) Isopropylbenzene	12.25	105	297967	18.418	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	85831	16.642	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	72973m	16.631	ug/l	100
73) Bromobenzene	12.53	156	75026	17.796	ug/l	100
74) n-propylbenzene	12.59	91	314500	17.453	ug/l	100
75) 2-Chlorotoluene	12.67	91	196608	17.986	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	249246	18.184	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	20893	14.325	ug/l	100
78) 4-Chlorotoluene	12.77	91	181266	17.195	ug/l	100
79) tert-butylbenzene	12.99	119	212900	18.175	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	246484	18.102	ug/l	100
81) sec-Butylbenzene	13.17	105	276165	17.894	ug/l	100
82) p-Isopropyltoluene	13.28	119	248201	17.741	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	114569	16.507	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	105519	15.936	ug/l	100
85) n-Butylbenzene	13.61	91	185797	16.256	ug/l	100
86) Hexachloroethane	13.87	117	40678	18.206	ug/l	100
87) 1,2-Dichlorobenzene	13.65	146	117622	16.807	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.26	75	12633	14.363	ug/l	100
89) 1,2,4-Trichlorobenzene	14.90	180	44630	12.202	ug/l	100
90) Hexachlorobutadiene	15.01	225	43551	17.759	ug/l	100
91) Naphthalene	15.13	128	113800	11.489	ug/l	100
92) 1,2,3-Trichlorobenzene	15.31	180	52718	13.582	ug/l	100

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QLast Update : Wed Jul 24 02:31:22 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

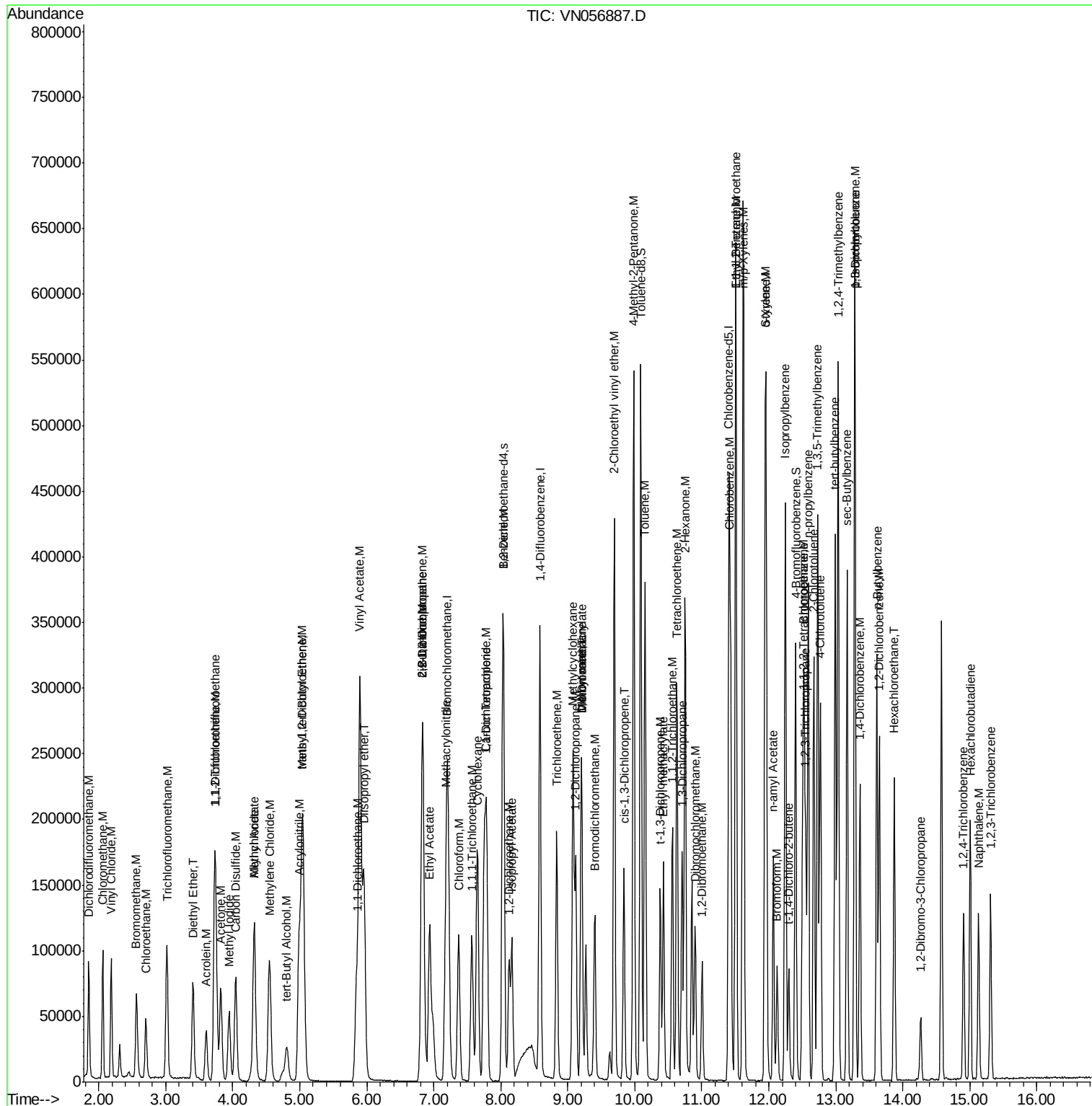
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
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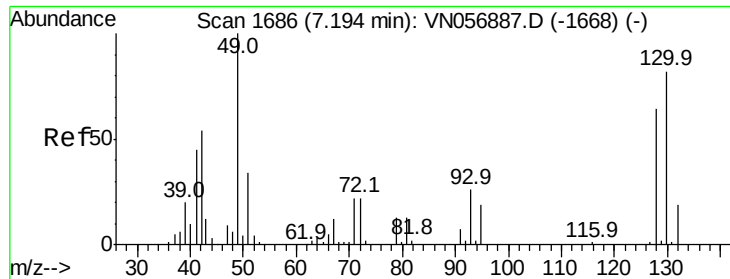
Instrument :
 MSVOA_N
 ClientSampleId :
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Manual Integrations
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:128 Resp: 59072

Ion Ratio Lower Upper

128 100

49 154.3 0.0 385.8

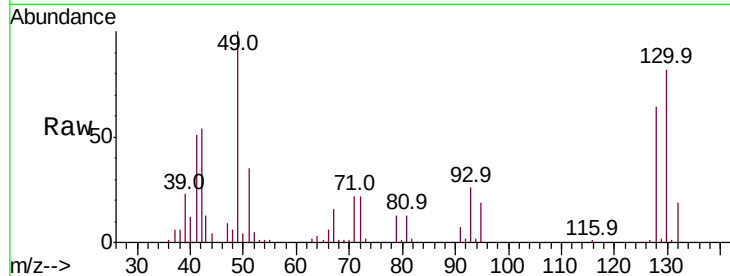
130 129.0 0.0 322.5

Manual Integrations

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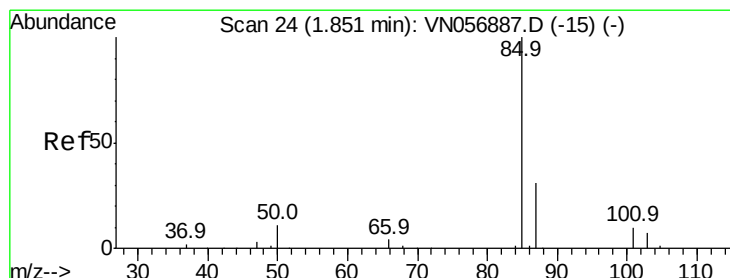
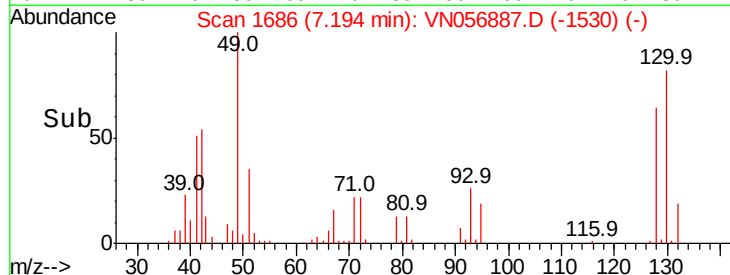
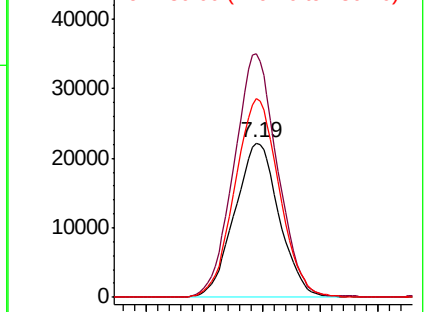
7/25/2019 2:19:52 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.844 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056887.D

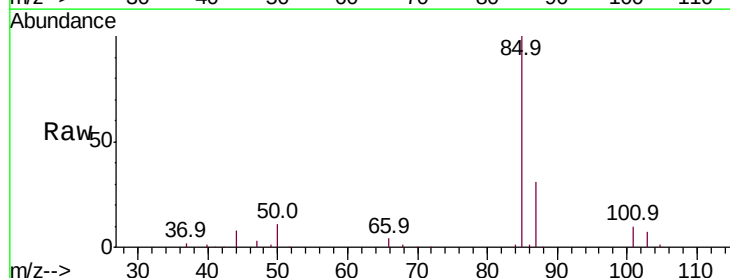
Acq: 23 Jul 2019 19:28

Tgt Ion: 85 Resp: 69964

Ion Ratio Lower Upper

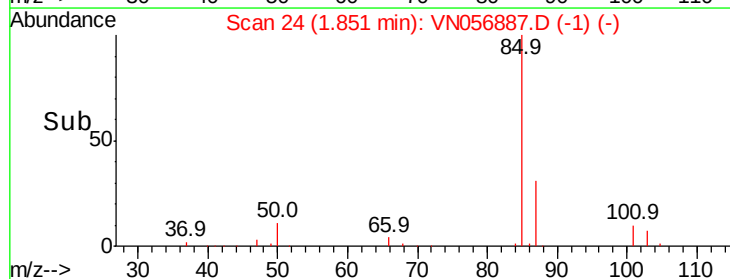
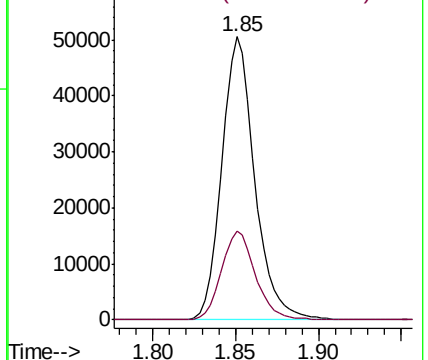
85 100

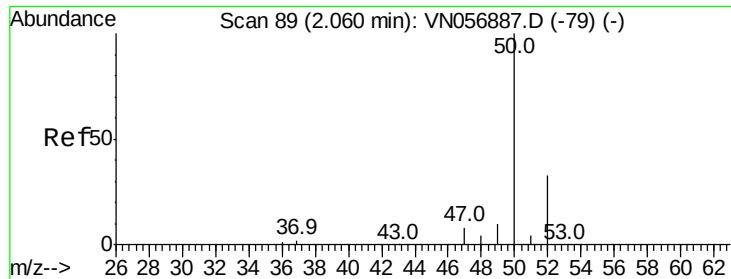
87 31.2 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.328 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 85487

Ion Ratio Lower Upper

50 100

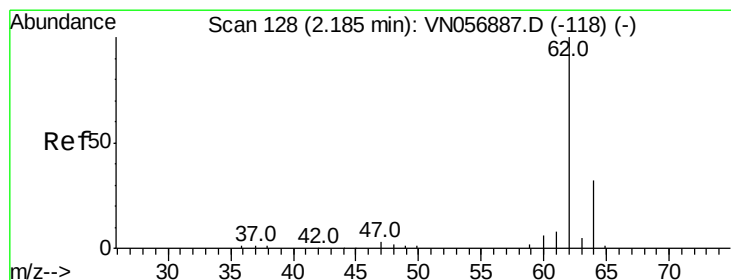
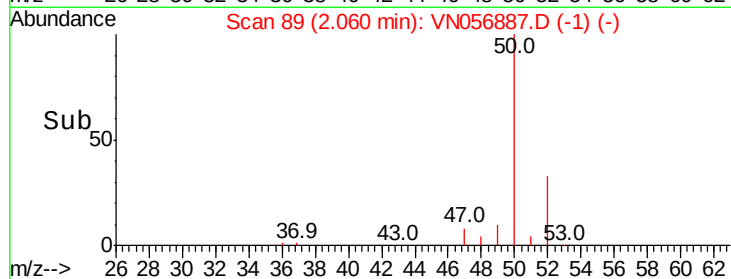
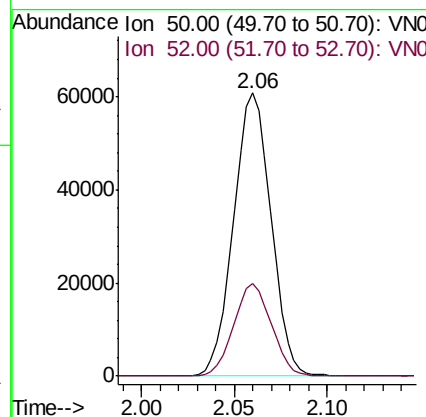
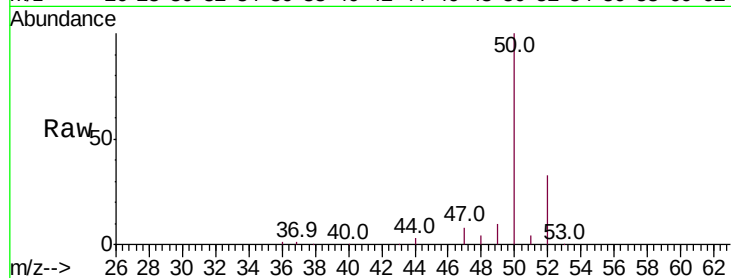
52 32.7 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.007 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056887.D

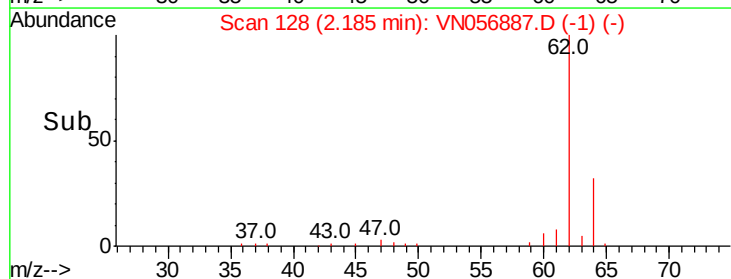
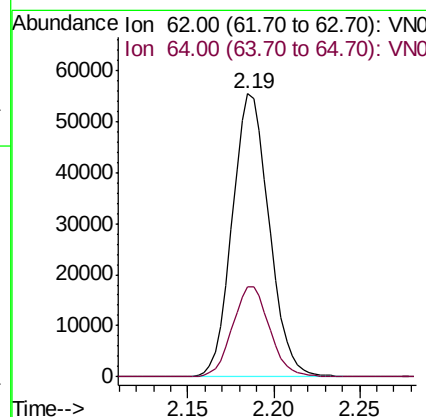
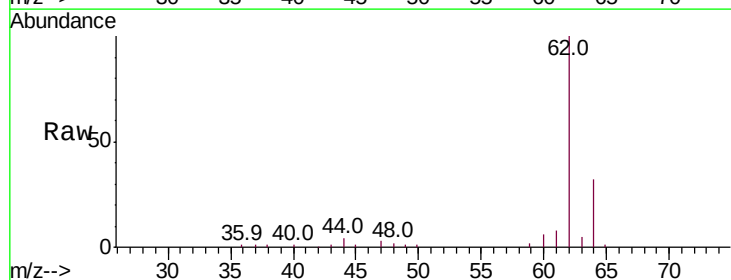
Acq: 23 Jul 2019 19:28

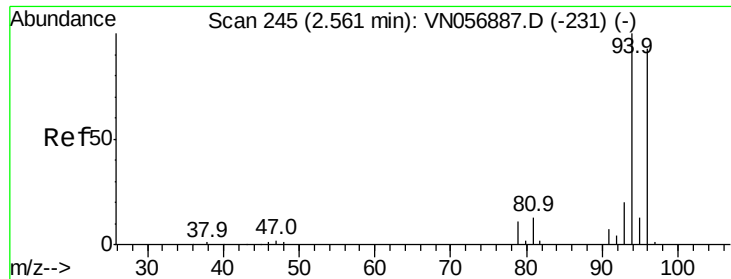
Tgt Ion: 62 Resp: 82397

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





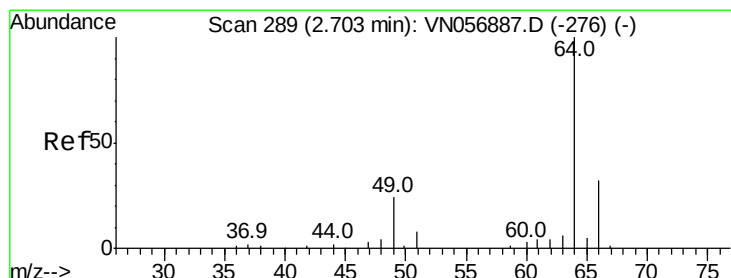
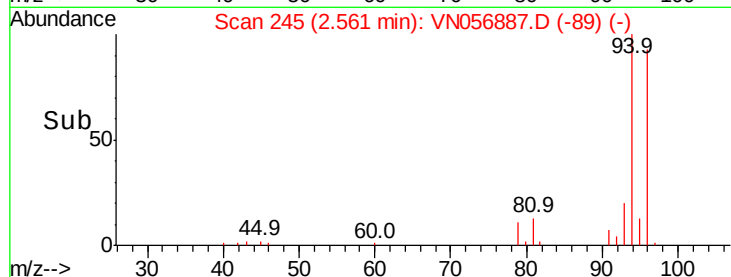
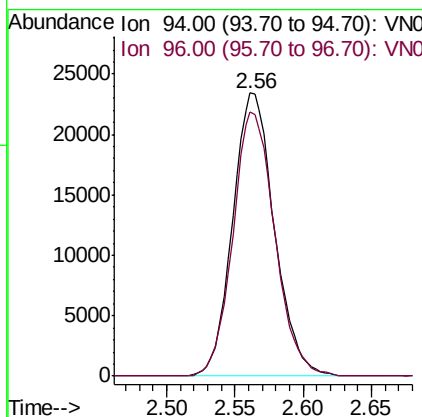
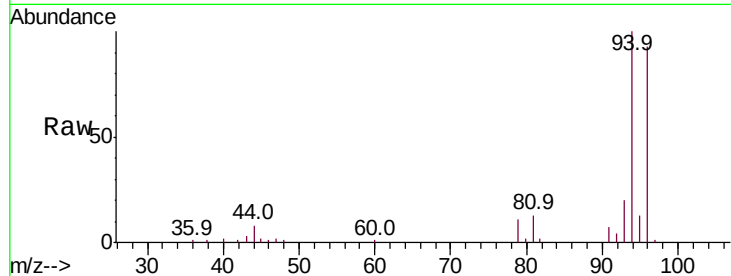
#5
Bromomethane
Concen: 18.261 ug/l
RT: 2.56 min Scan# 245
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion: 94 Resp: 49777
Ion Ratio Lower Upper
94 100
96 93.4 74.7 112.1

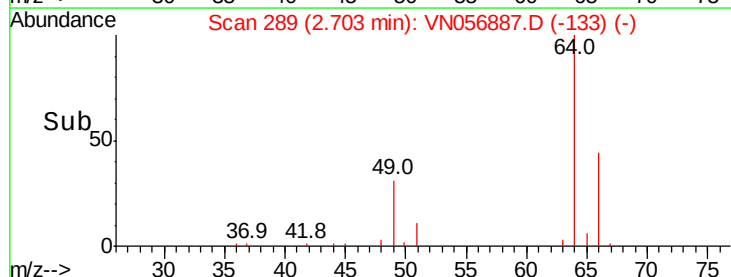
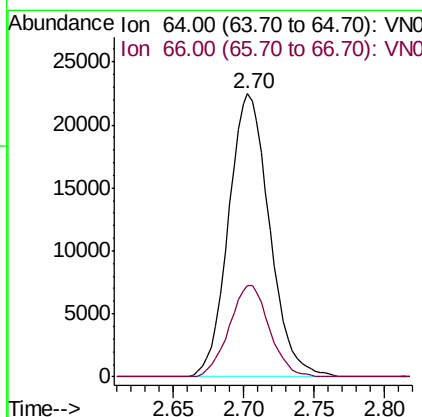
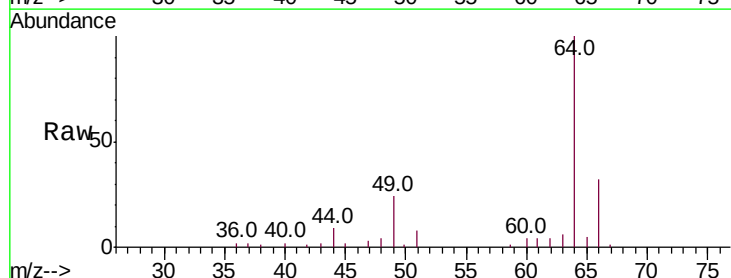
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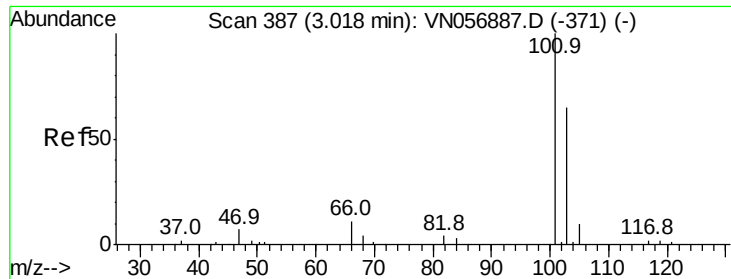
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#6
Chloroethane
Concen: 18.501 ug/l
RT: 2.70 min Scan# 289
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion: 64 Resp: 45675
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8





#7

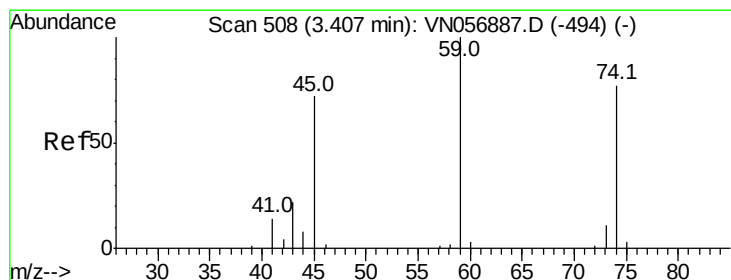
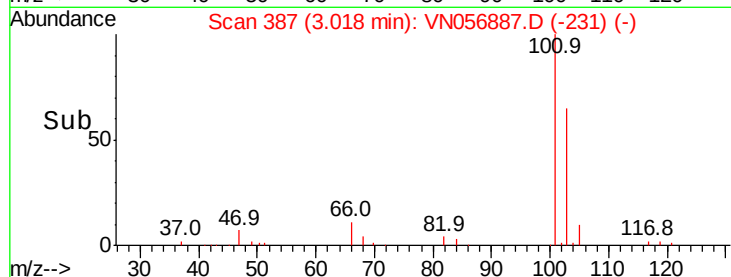
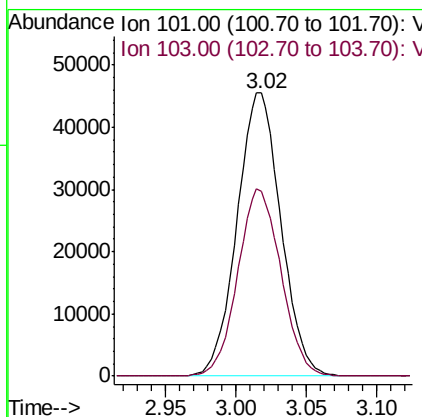
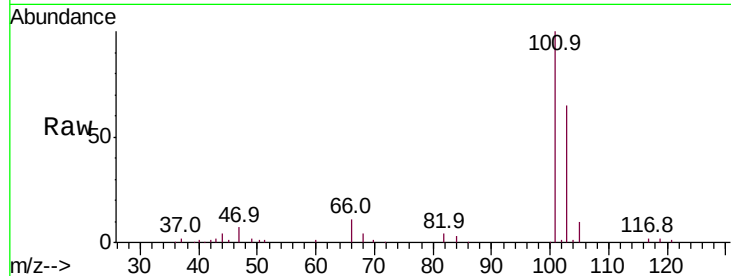
Trichlorofluoromethane
Concen: 18.043 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion:101 Resp: 98948
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

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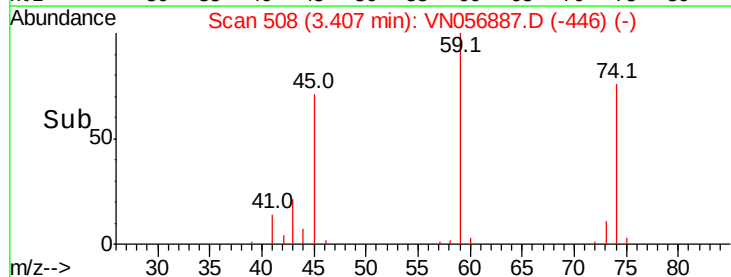
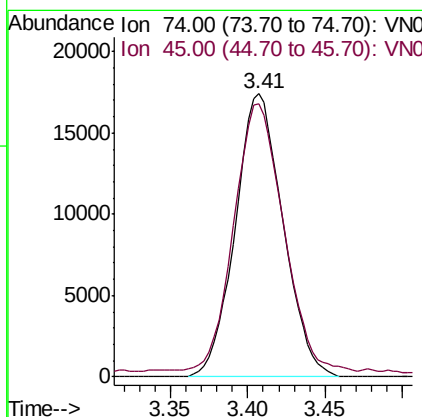
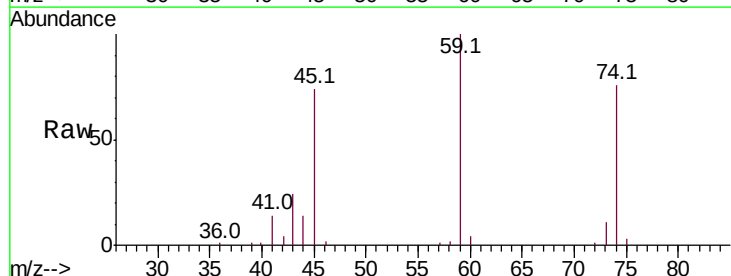
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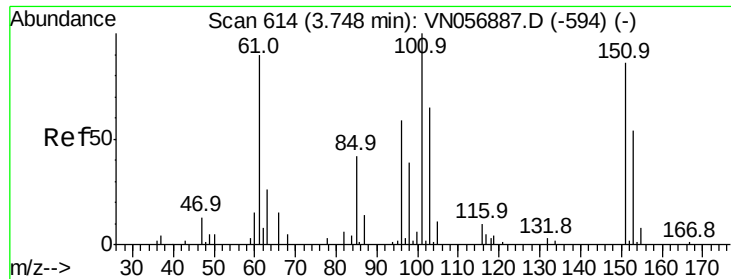


#8

Diethyl Ether
Concen: 16.793 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion: 74 Resp: 37427
Ion Ratio Lower Upper
74 100
45 97.6 19.5 175.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.069 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

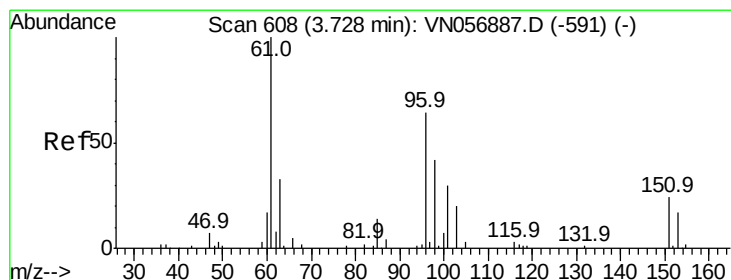
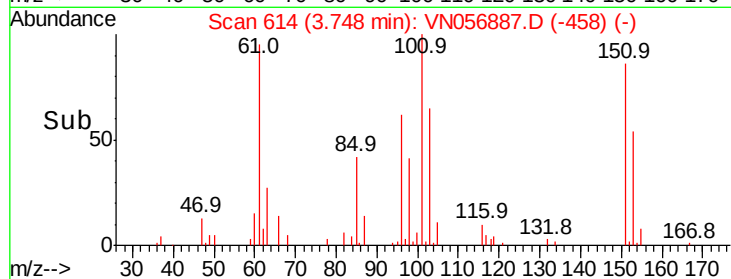
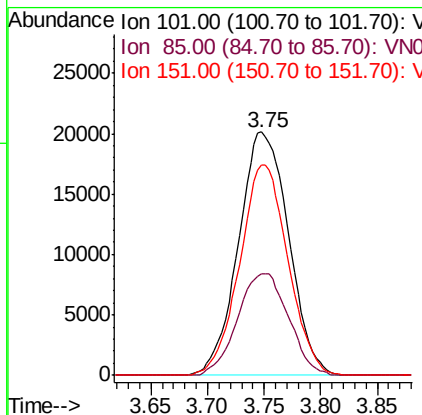
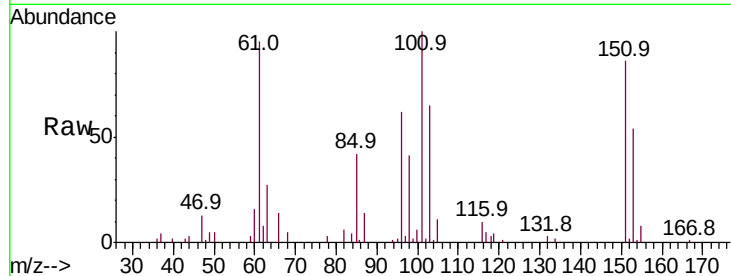
ClientSampled :

VSTDICCC020

Tot Ion:	101	Resp:	61881
Ion Ratio	Lower	Upper	
101	100		
85	42.5	0.0	85.0
151	83.6	0.0	167.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.054 ug/l

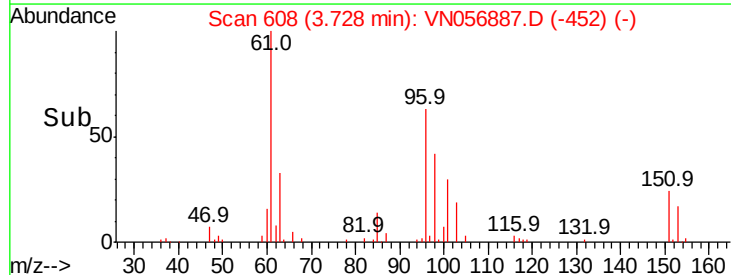
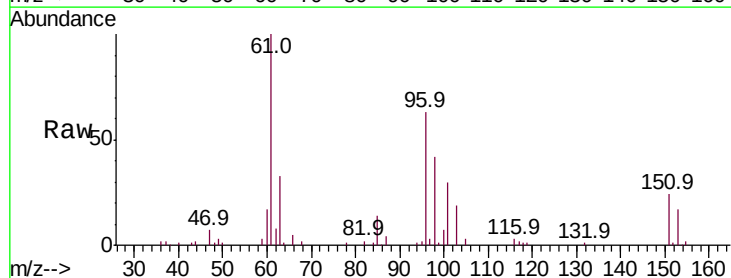
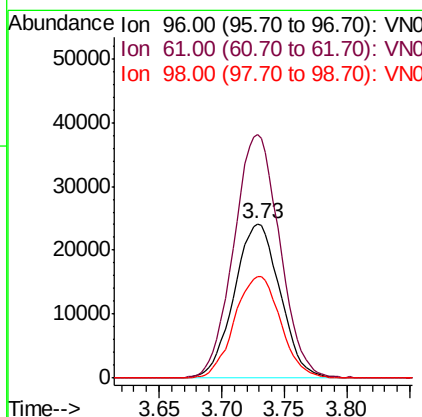
RT: 3.73 min Scan# 608

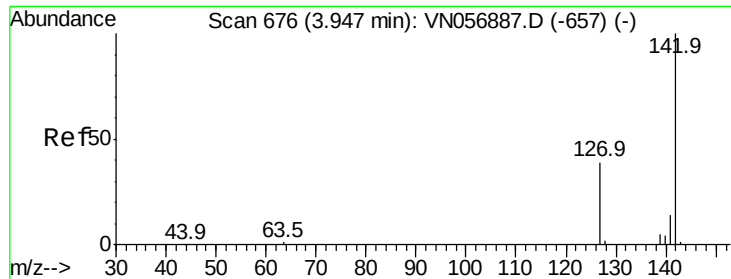
Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Tgt Ion:	96	Resp:	61458
Ion Ratio	Lower	Upper	
96	100		
61	157.3	125.8	188.8
98	65.9	52.7	79.1





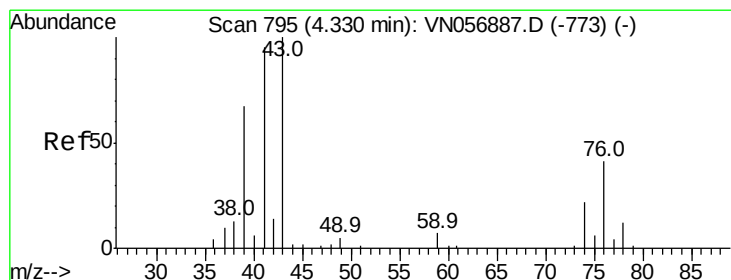
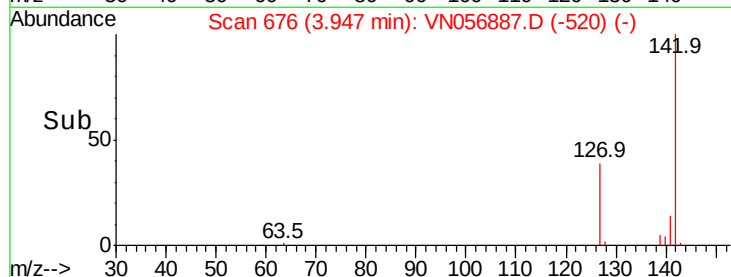
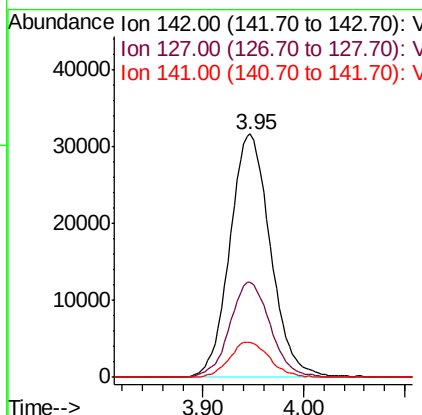
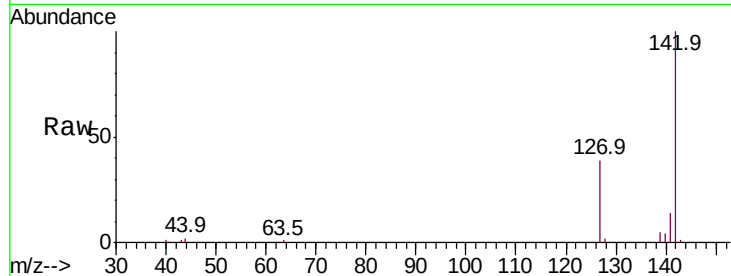
#11
Methvl Iodide
Concen: 19.123 ug/l
RT: 3.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.2	19.6	58.8
141	14.4	7.2	21.6

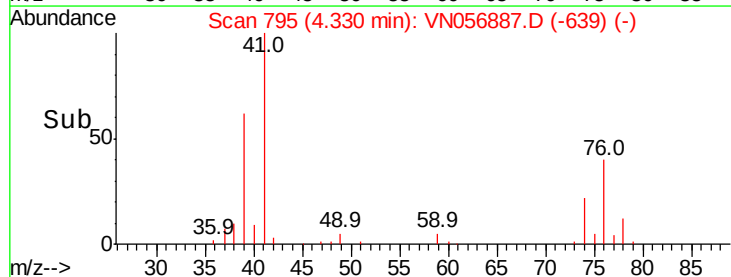
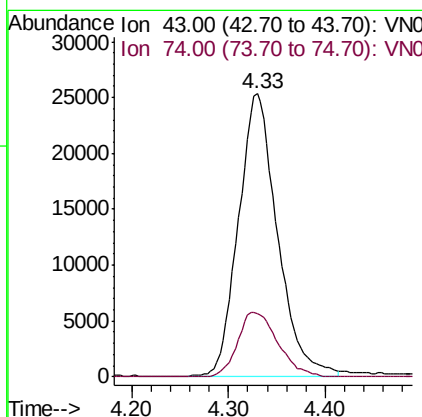
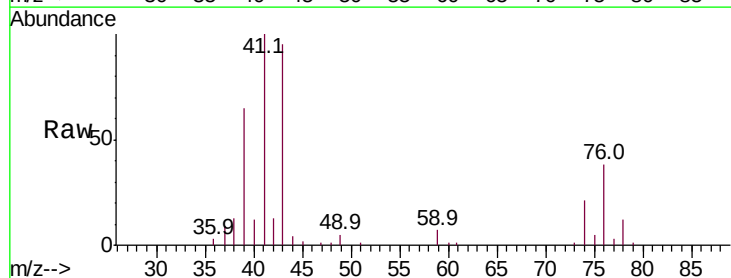
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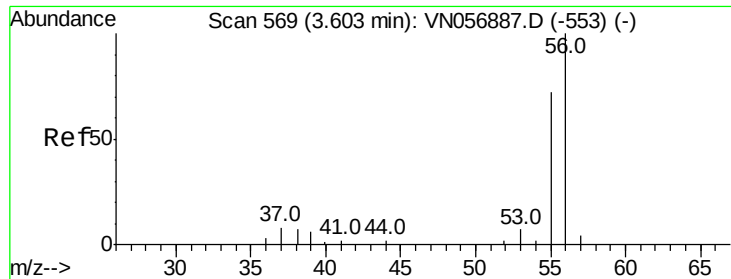
MMDadoda
7/25/2019 2:19:52 PM



#12
Methyl Acetate
Concen: 15.769 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.1	27.1





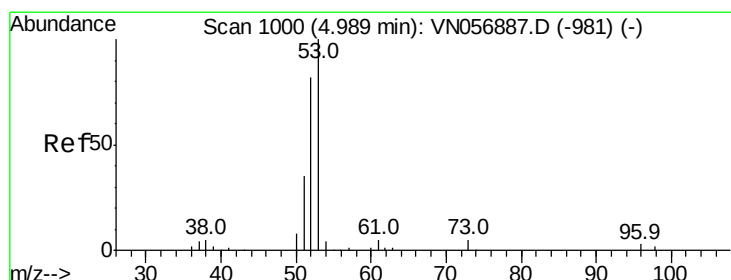
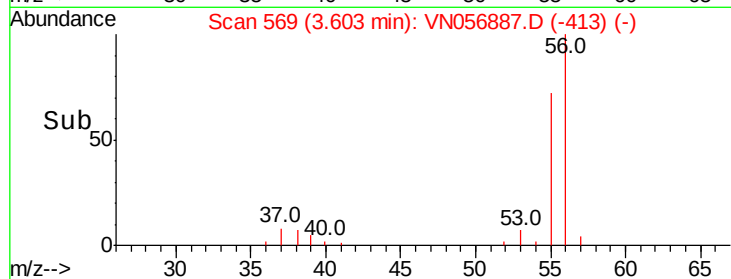
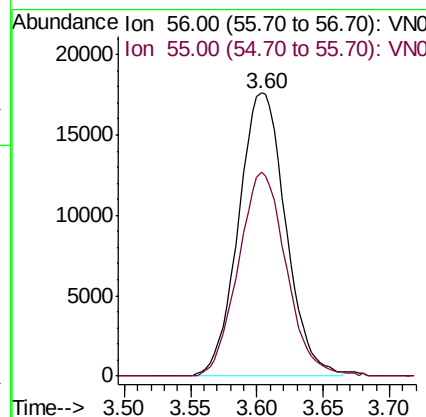
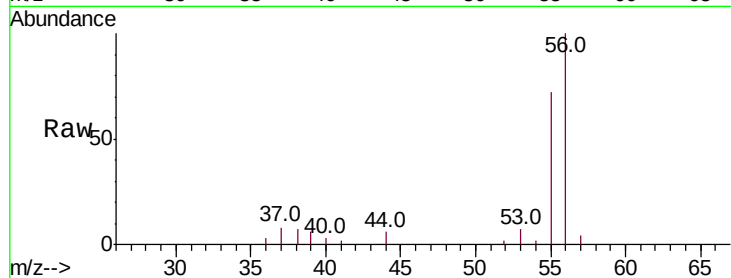
#13
Acrolein
Concen: 122.190 ug/l
RT: 3.60 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 56 Resp: 43669
Ion Ratio Lower Upper
56 100
55 73.1 58.5 87.7

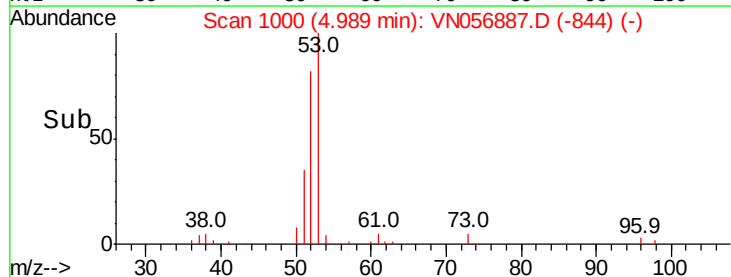
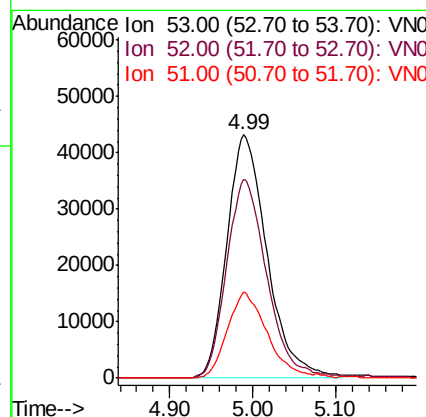
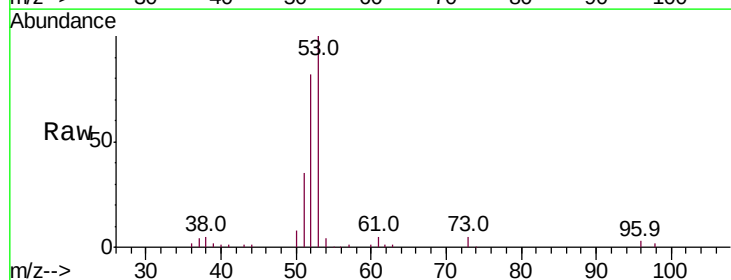
Manual Integrations
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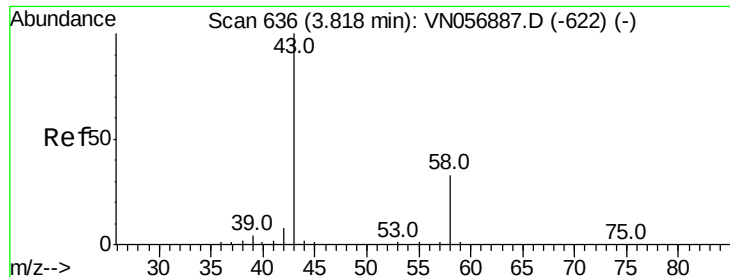
MMDadoda
7/25/2019 2:19:52 PM



#14
Acrylonitrile
Concen: 74.782 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion: 53 Resp: 145536
Ion Ratio Lower Upper
53 100
52 81.7 40.8 122.5
51 34.8 17.4 52.2





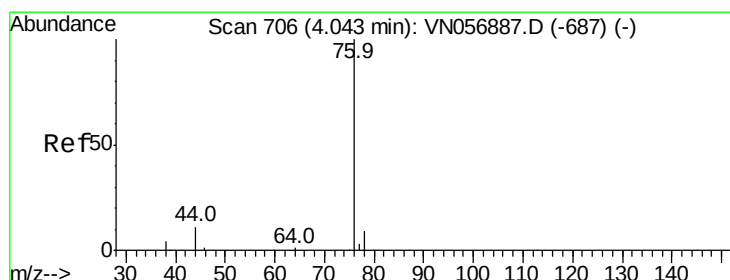
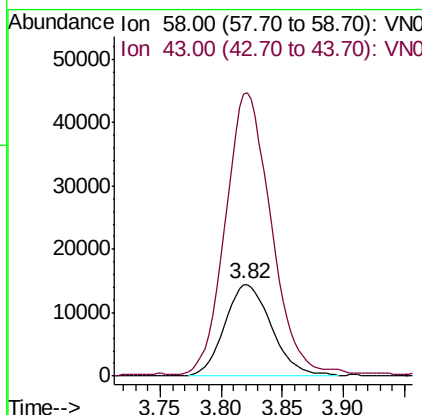
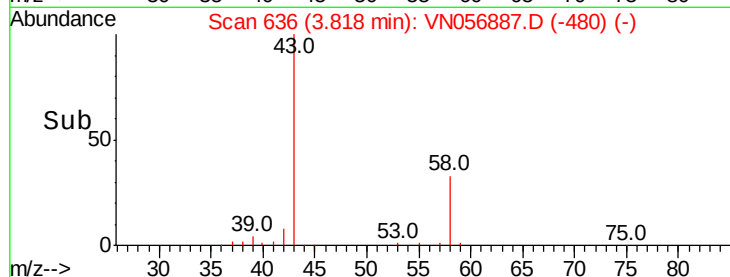
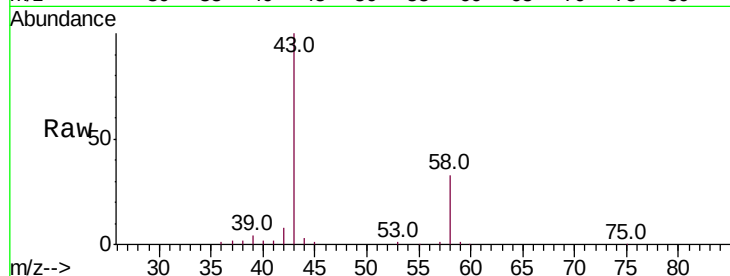
#15
Acetone
Concen: 62.368 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 58 Resp: 38632
Ion Ratio Lower Upper
58 100
43 303.0 242.4 363.6

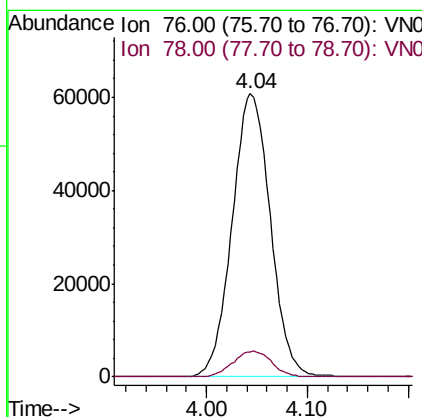
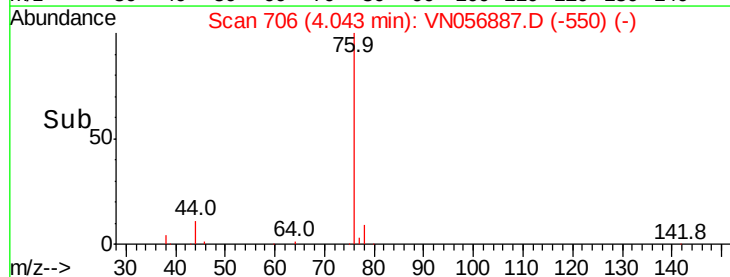
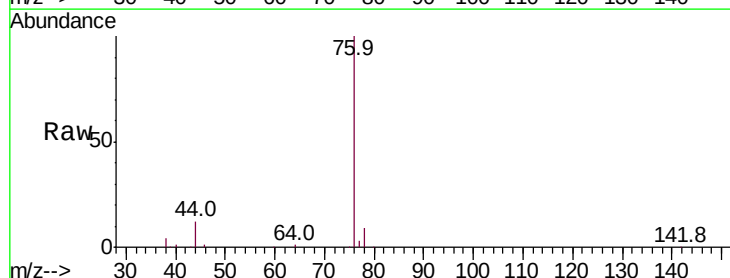
Manual Integrations
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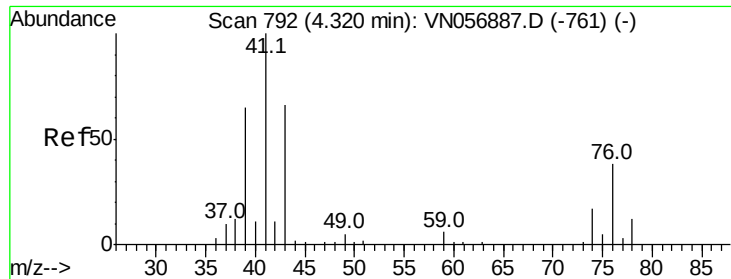
MMDadoda
7/25/2019 2:19:52 PM



#16
Carbon Disulfide
Concen: 17.723 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion: 76 Resp: 159778
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#17

Allvl chloride

Concen: 16.910 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

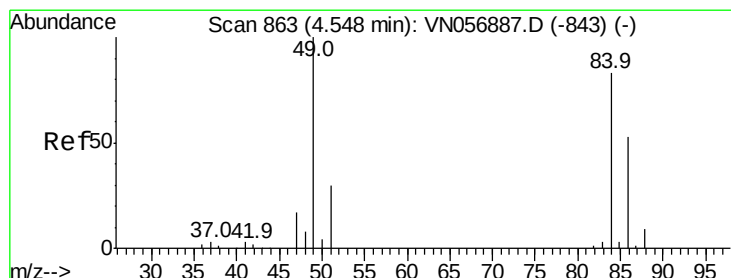
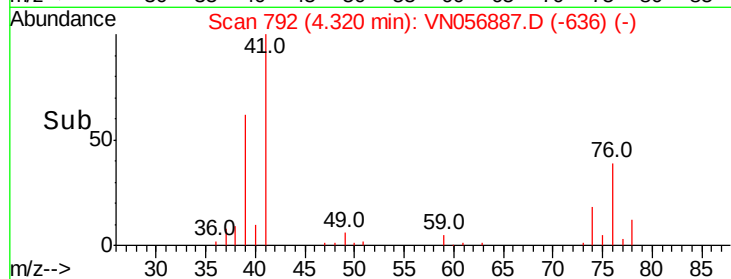
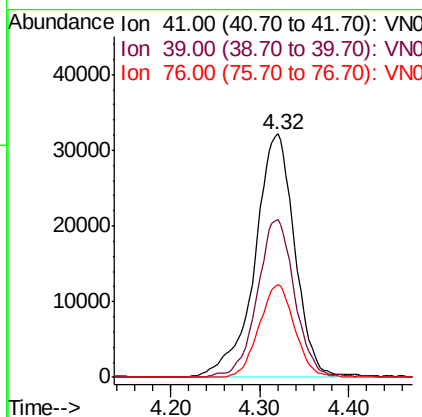
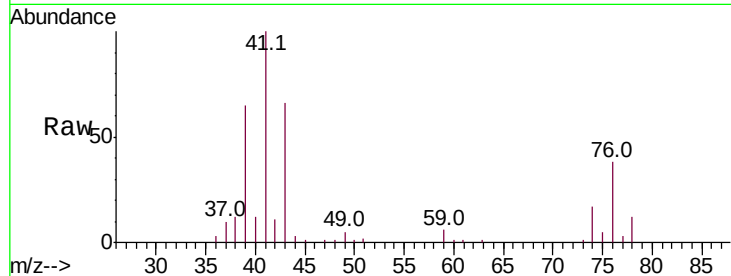
ClientSampleId :

VSTDICCC020

Tot Ion:	41	Resp:	99928
Ion	Ratio	Lower	Upper
41	100		
39	64.7	32.4	97.0
76	38.0	19.0	57.0

Manual Integrations
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7/25/2019 2:19:52 PM



#18

Methylene Chloride

Concen: 18.069 ug/l

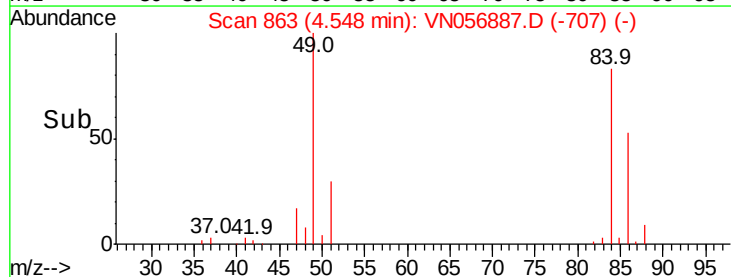
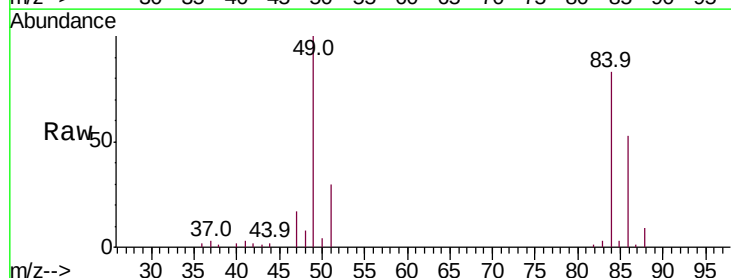
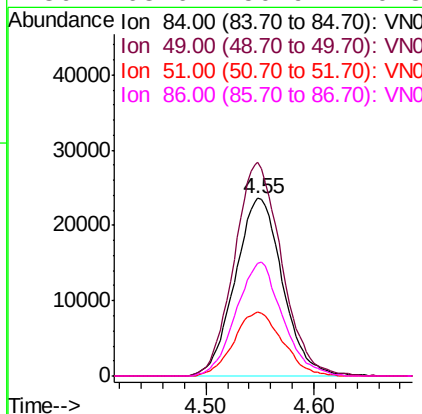
RT: 4.55 min Scan# 863

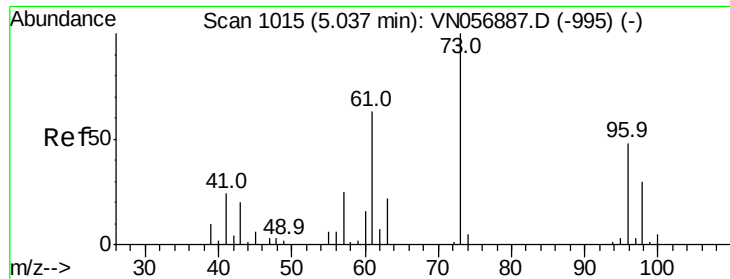
Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Tgt Ion:	84	Resp:	72181
Ion	Ratio	Lower	Upper
84	100		
49	120.4	96.3	144.5
51	36.0	28.8	43.2
86	63.6	50.9	76.3





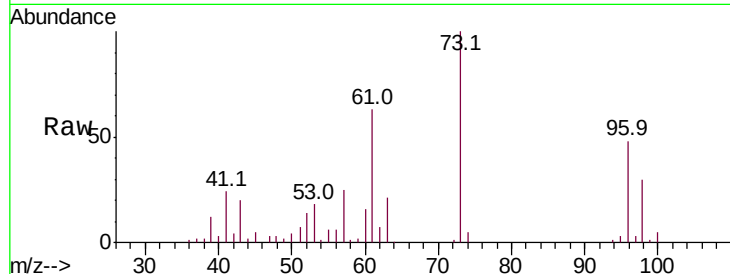
#19
trans-1,2-Dichloroethene
Concen: 17.760 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	105.4	158.0
98	63.5	50.8	76.2

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7/25/2019 2:19:52 PM

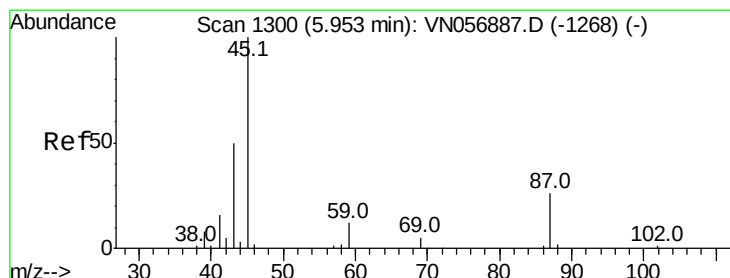
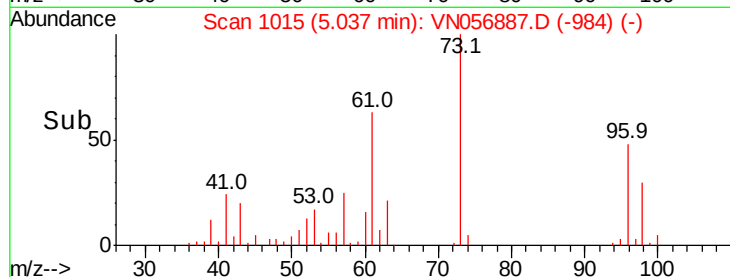
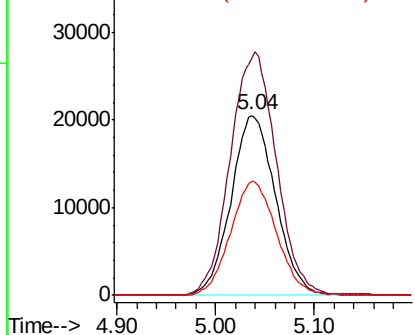


Abundance

Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20
Diisopropyl ether
Concen: 18.009 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.2	47.4	71.0
87	27.1	21.7	32.5
59	11.6	9.3	13.9

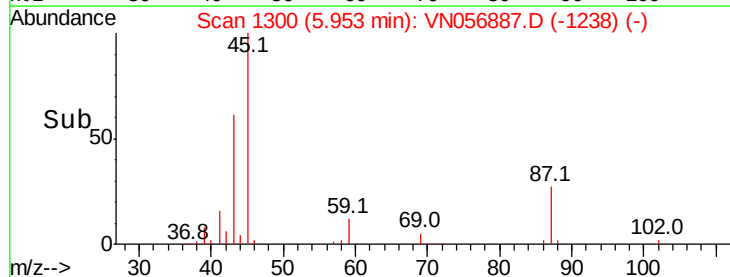
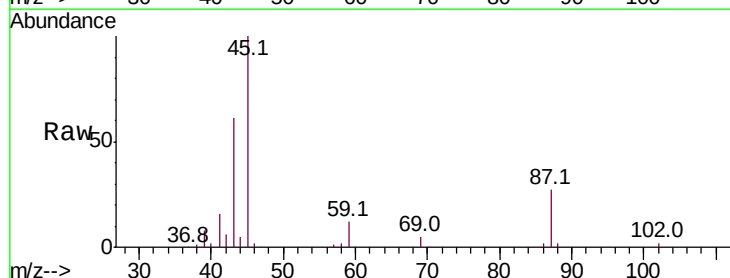
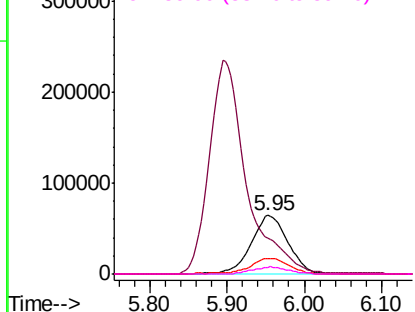
Abundance

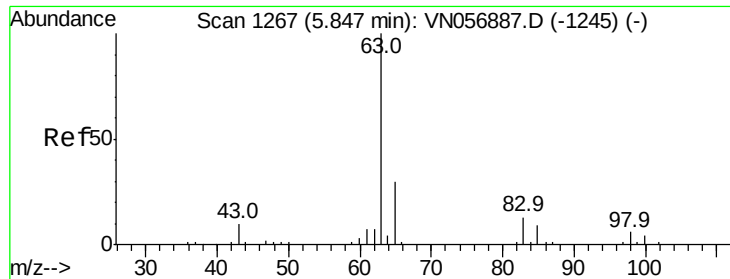
Ion 45.00 (44.70 to 45.70): VN0

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





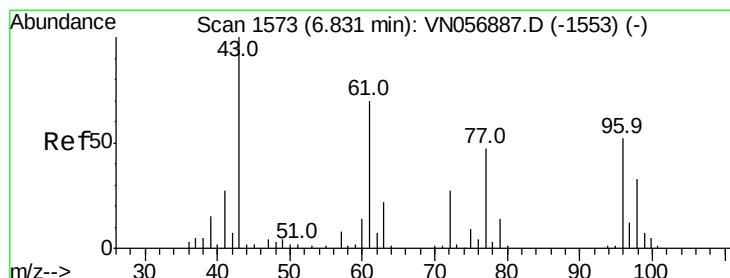
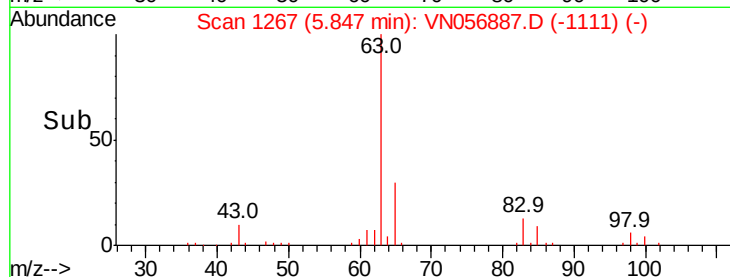
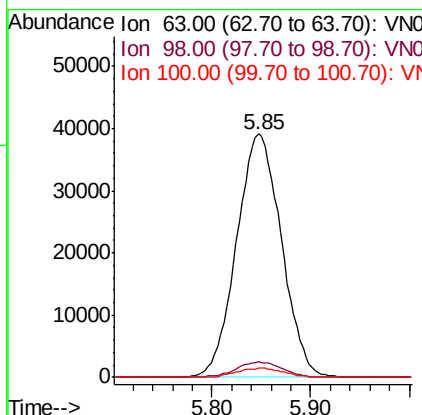
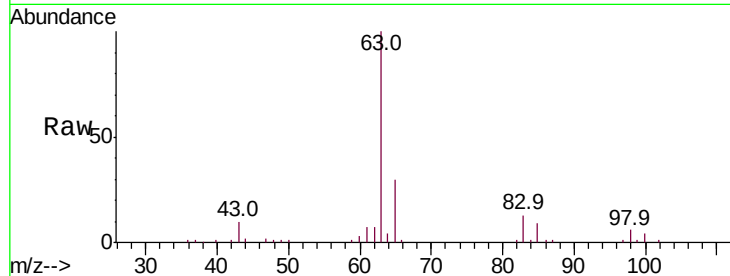
#21
 1,1-Dichloroethane
 Concen: 18.158 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.2	3.1	9.3	
100	3.7	1.8	5.5	

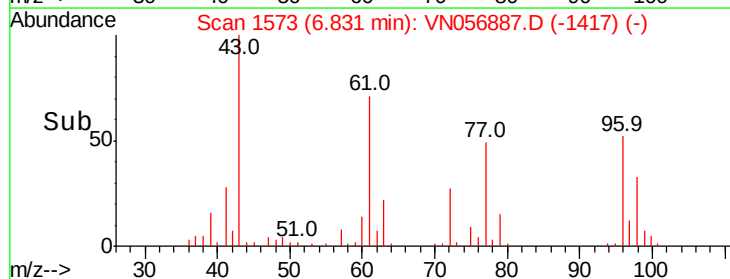
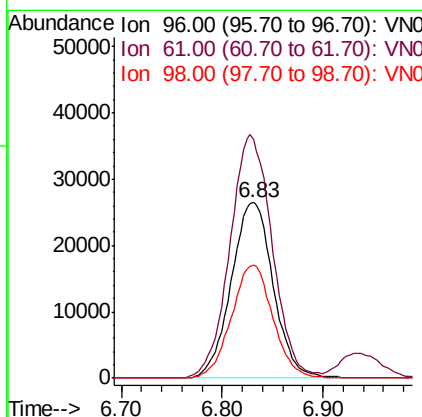
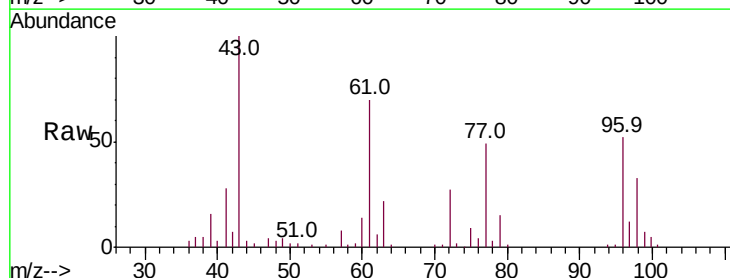
Manual Integrations
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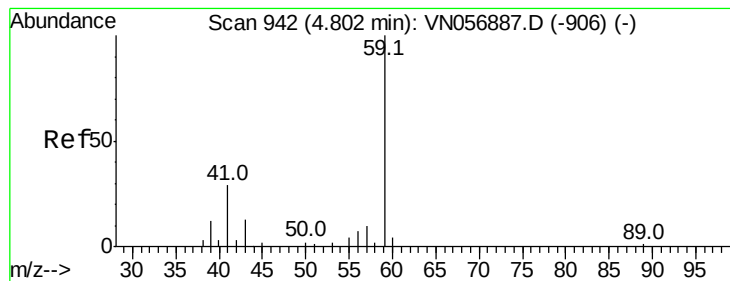
MMDadoda
 7/25/2019 2:19:52 PM



#22
 cis-1,2-Dichloroethene
 Concen: 17.961 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.5	111.6	167.4	
98	63.7	51.0	76.4	





#23

tert-Butyl Alcohol

Concen: 78.856 ug/l

RT: 4.80 min Scan# 942

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 59 Resp: 54027

Ion Ratio Lower Upper

59 100

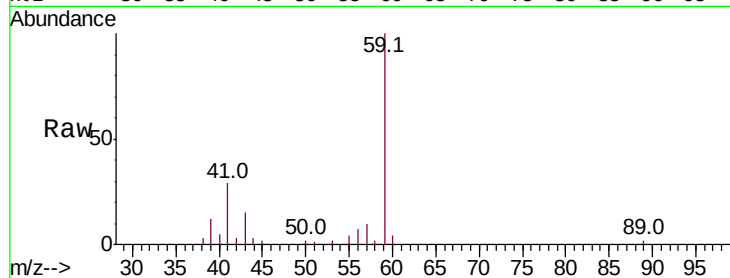
52 0.0 0.0 0.0

Manual Integrations

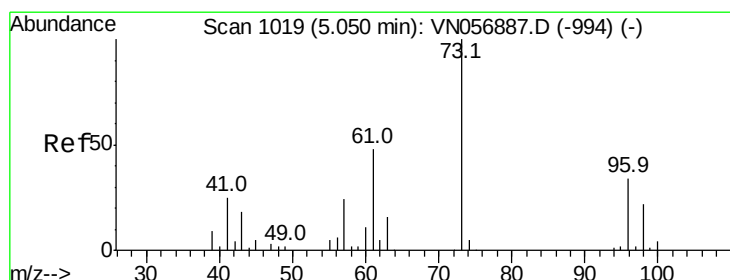
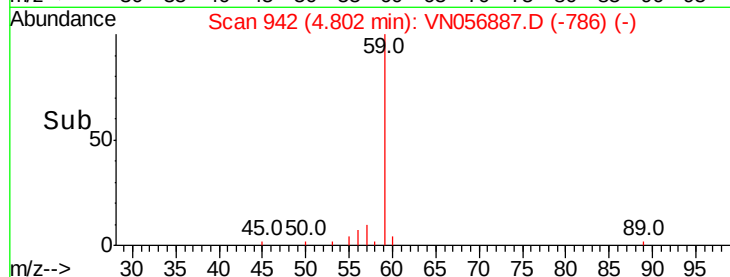
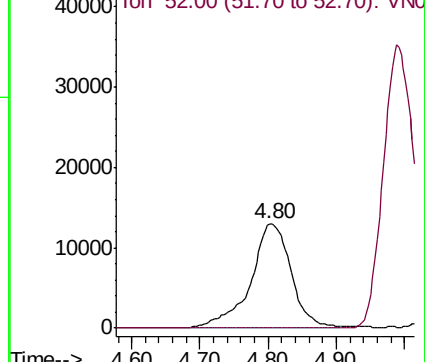
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7/25/2019 2:19:52 PM



Abundance Ion 59.00 (58.70 to 59.70): VN056887.D (-906) (-)



#24

Methyl tert-Butyl Ether

Concen: 17.004 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN056887.D

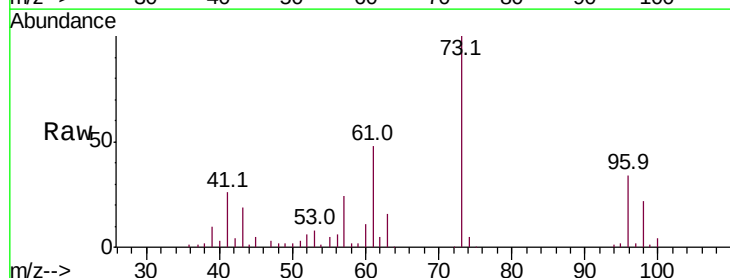
Acq: 23 Jul 2019 19:28

Tgt Ion: 73 Resp: 182833

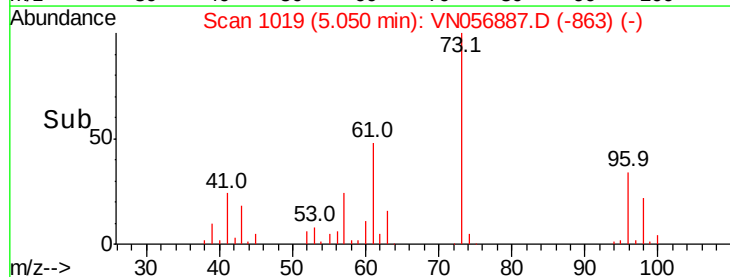
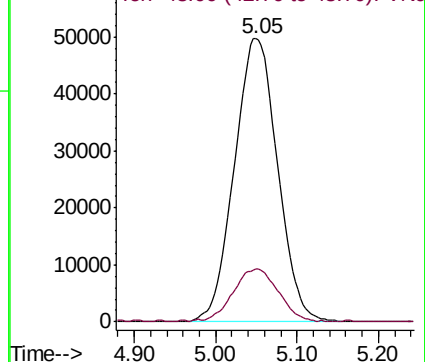
Ion Ratio Lower Upper

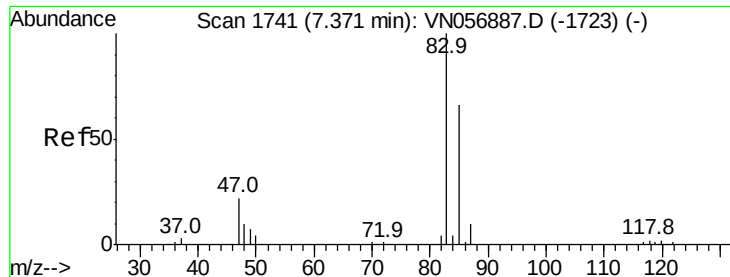
73 100

43 19.2 15.4 23.0



Abundance Ion 73.00 (72.70 to 73.70): VN056887.D (-994) (-)





#25

Chloroform

Concen: 18.168 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 83 Resp: 119640

Ion Ratio Lower Upper

83 100

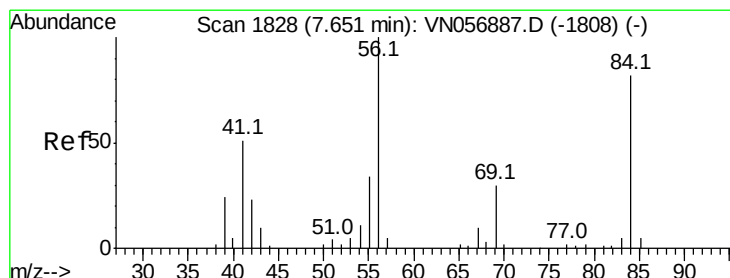
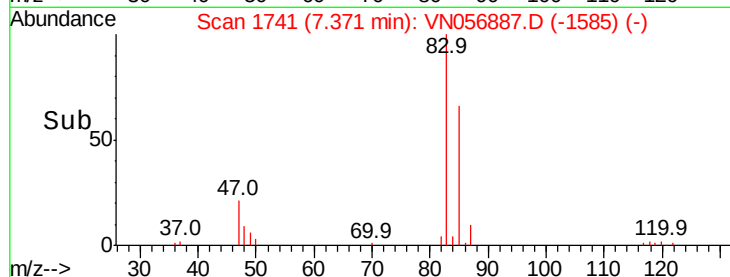
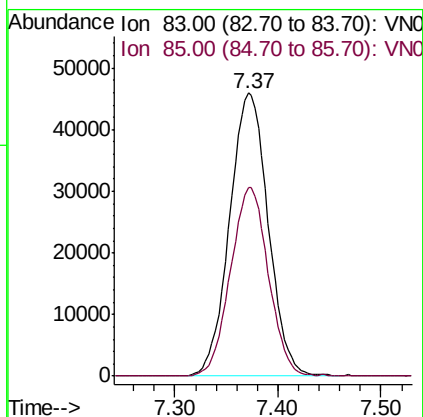
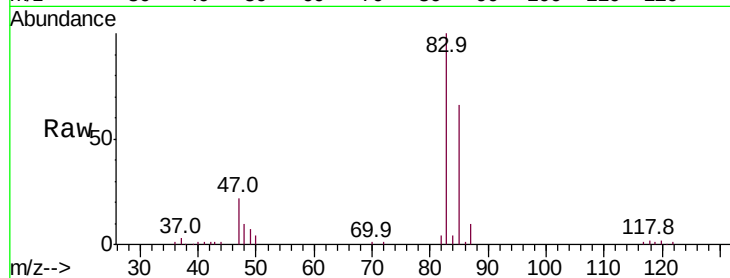
85 66.4 53.1 79.7

Manual Integrations

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7/25/2019 2:19:52 PM



#26

Cyclohexane

Concen: 17.601 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

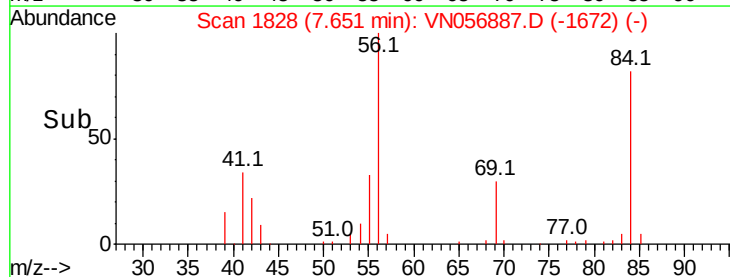
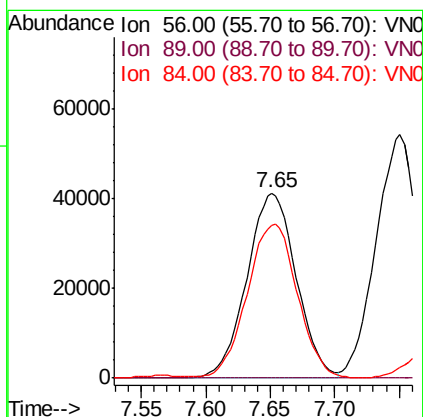
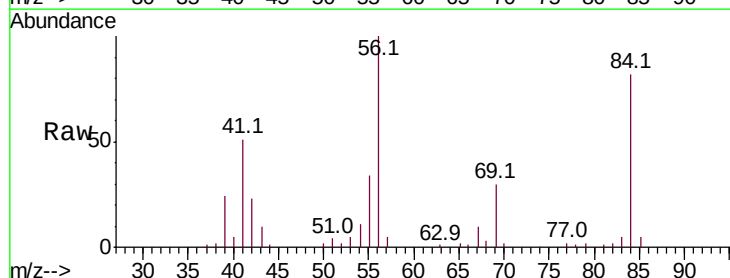
Tgt Ion: 56 Resp: 109824

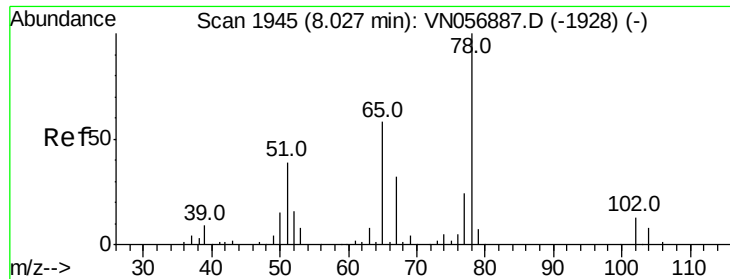
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.7 67.8 101.6





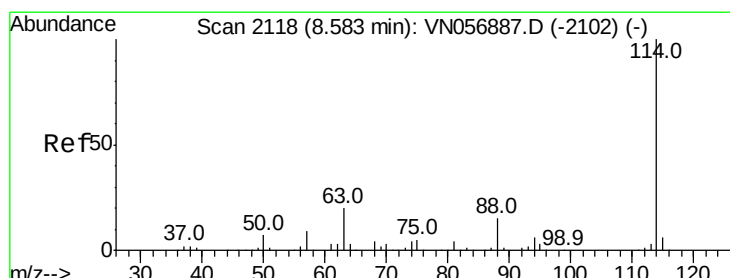
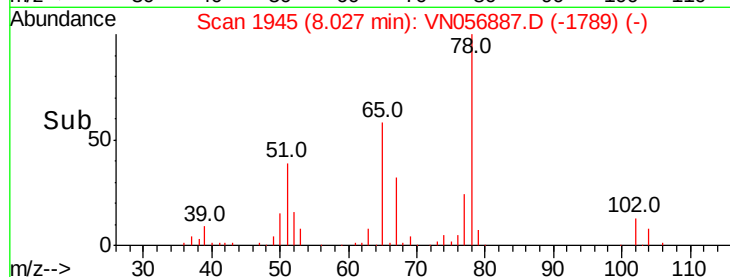
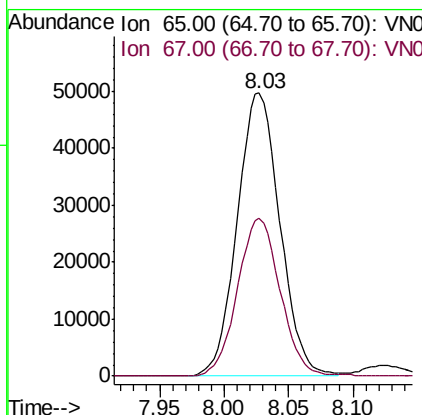
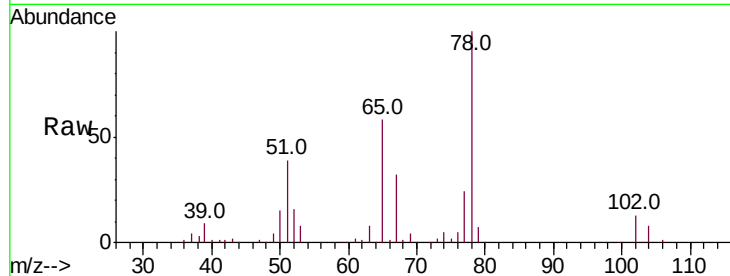
#27
 1,2-Dichloroethane-d4
 Concen: 28.870 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.7	44.6	66.8

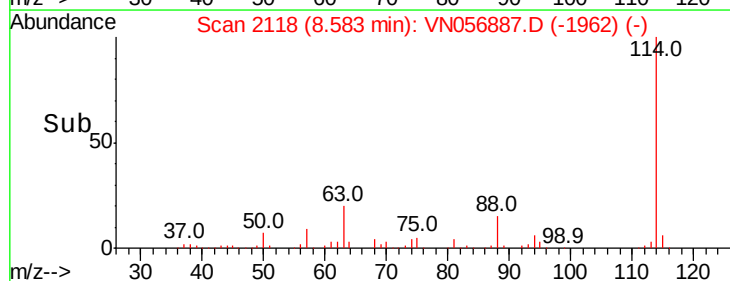
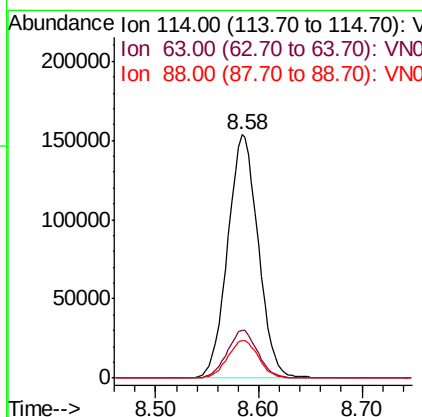
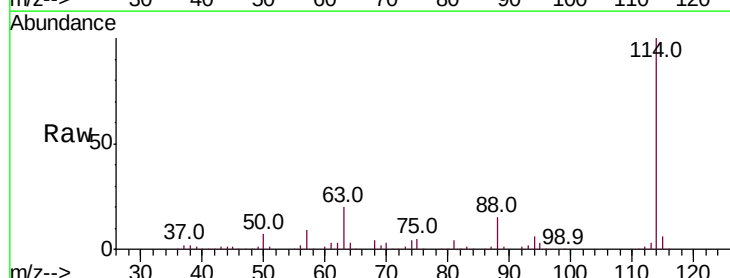
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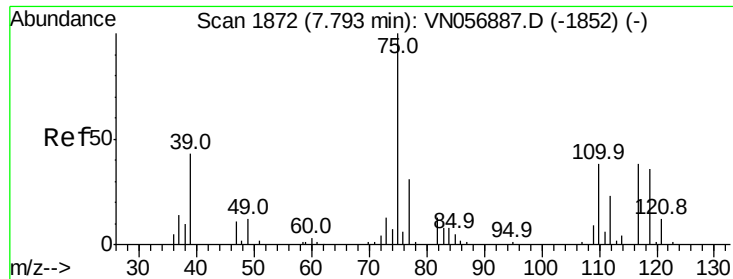
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	15.8	23.6
88	15.6	12.5	18.7





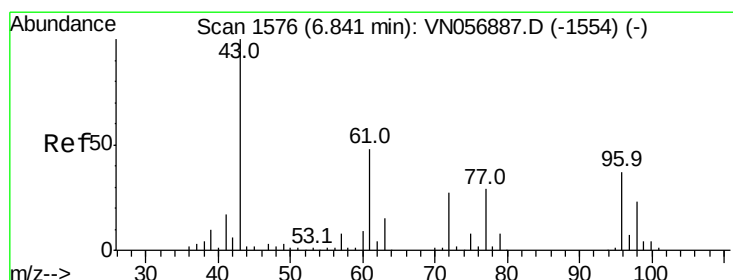
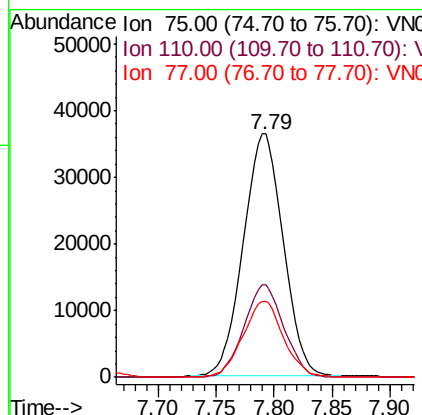
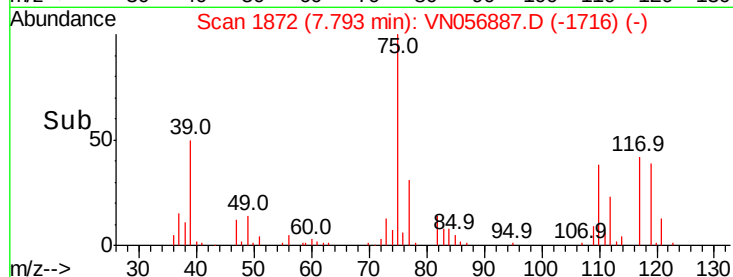
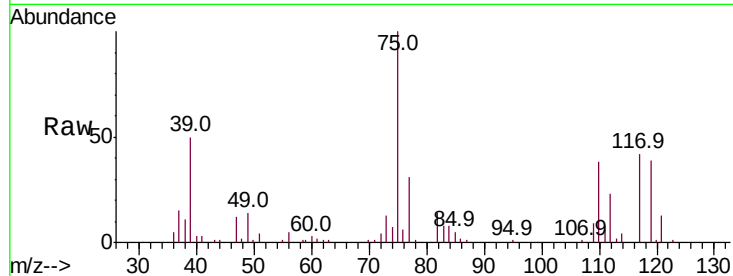
#29
 1,1-Dichloropropene
 Concen: 17.895 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.9	0.0	75.8
77	32.0	0.0	64.0

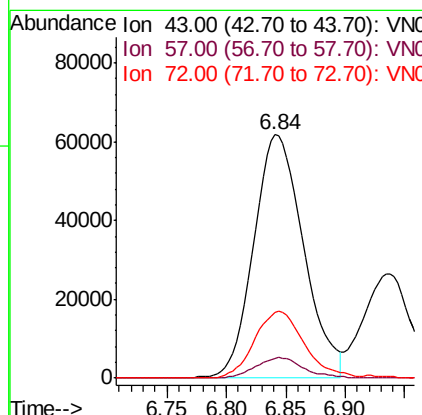
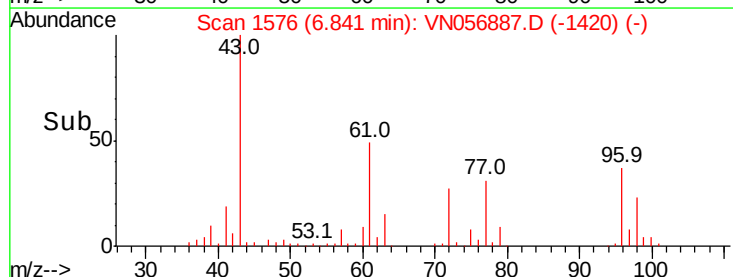
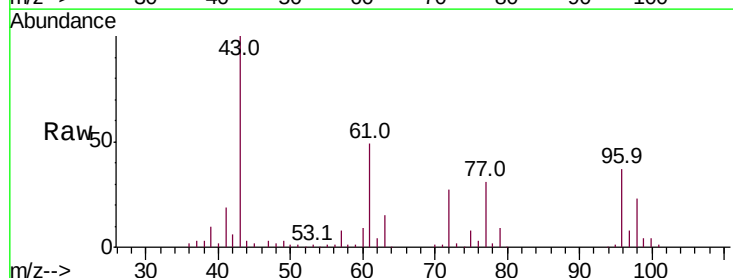
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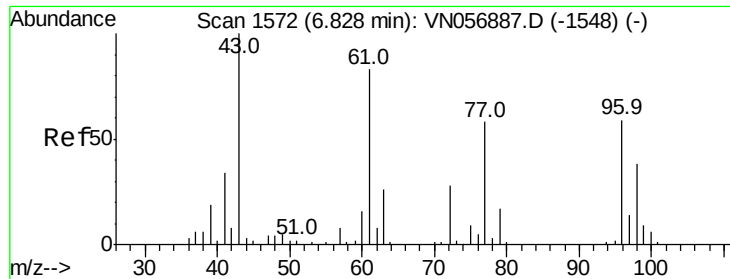
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#30
 2-Butanone
 Concen: 67.472 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.5	9.7
72	27.6	22.1	33.1





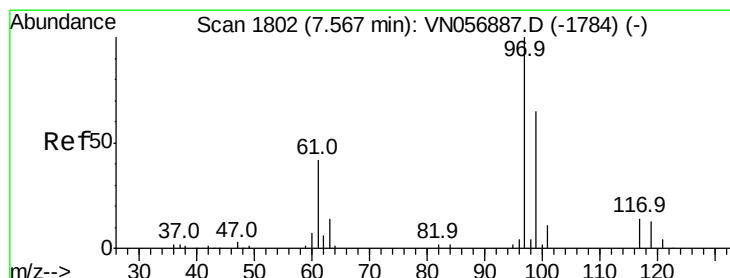
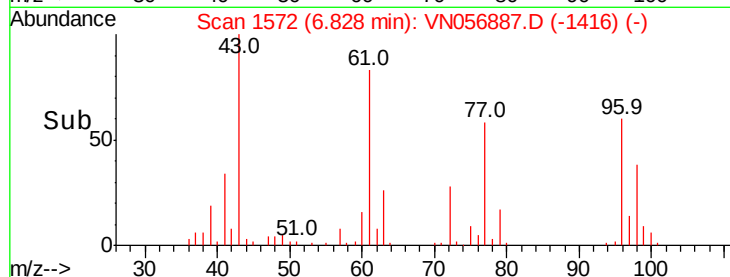
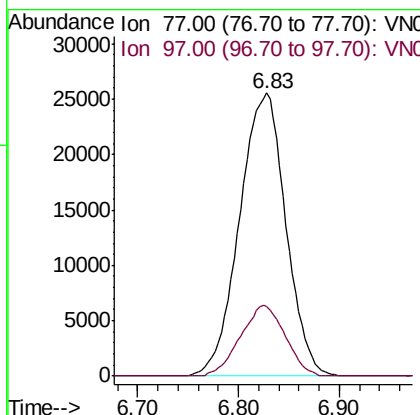
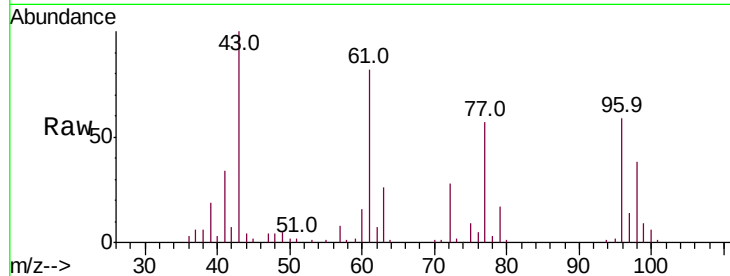
#31
 2,2-Dichloropropane
 Concen: 17.315 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

Tot Ion: 77 Resp: 81437
 Ion Ratio Lower Upper
 77 100
 97 24.1 19.3 28.9

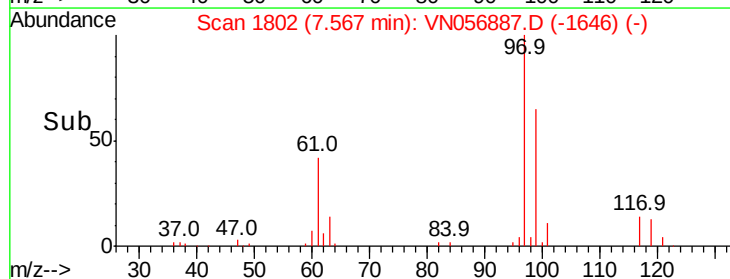
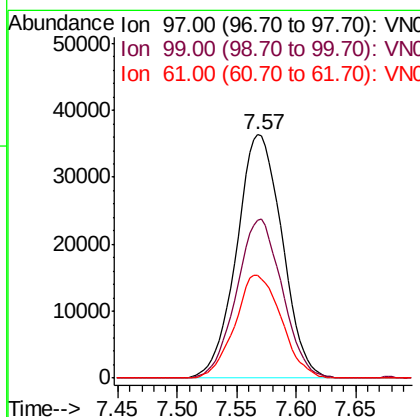
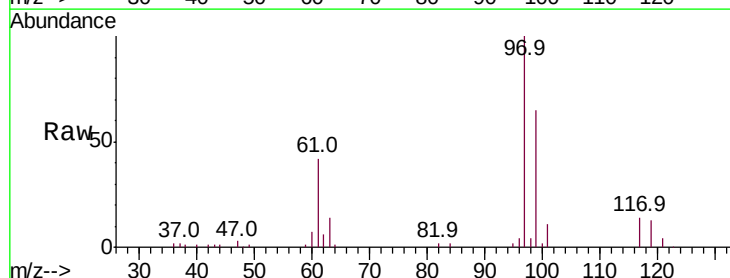
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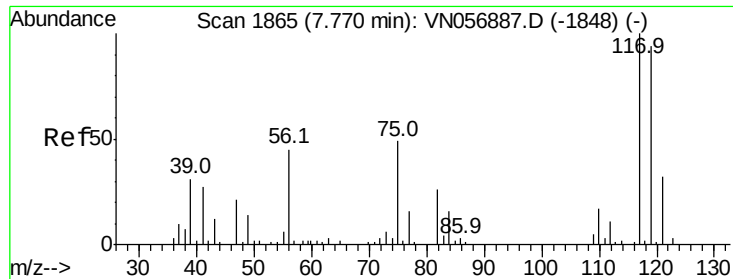
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#32
 1,1,1-Trichloroethane
 Concen: 18.407 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Tgt Ion: 97 Resp: 96516
 Ion Ratio Lower Upper
 97 100
 99 65.4 52.3 78.5
 61 43.0 34.4 51.6





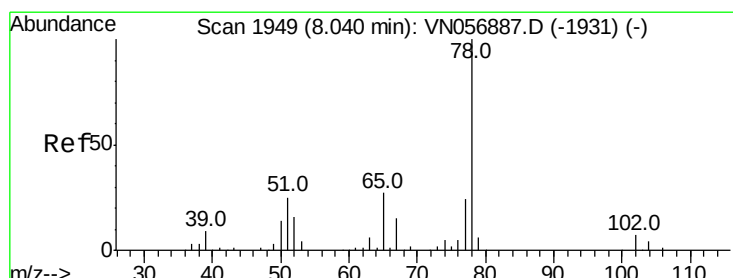
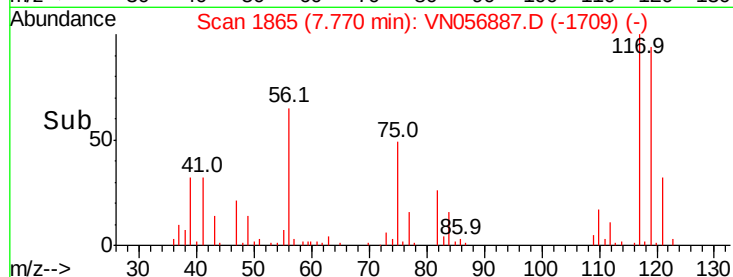
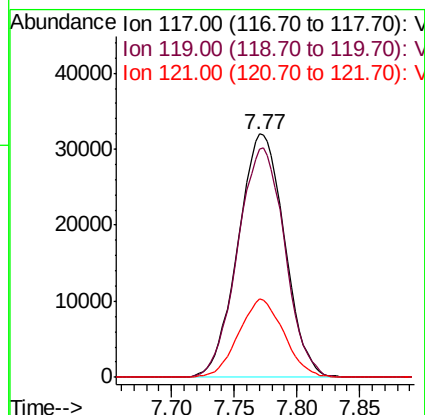
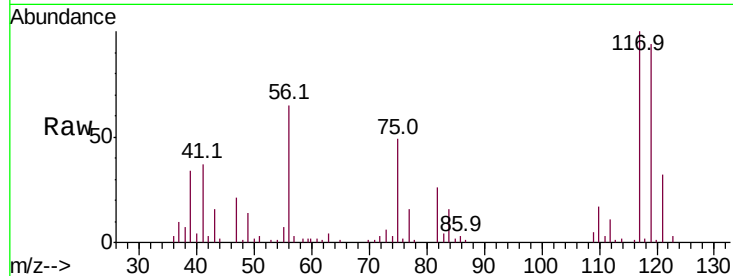
#33
Carbon Tetrachloride
Concen: 18.310 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion:117 Resp: 82571
Ion Ratio Lower Upper
117 100
119 93.9 75.1 112.7
121 32.3 25.8 38.8

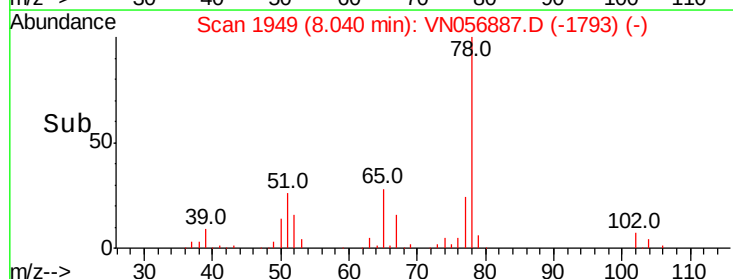
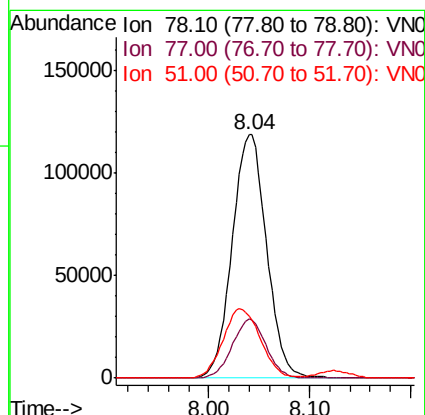
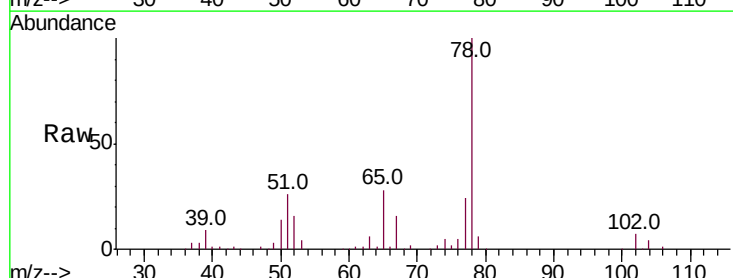
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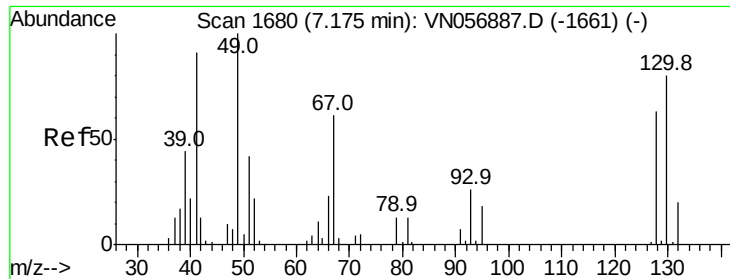
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7/25/2019 2:19:52 PM



#34
Benzene
Concen: 18.628 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion: 78 Resp: 281204
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2
51 25.5 20.4 30.6





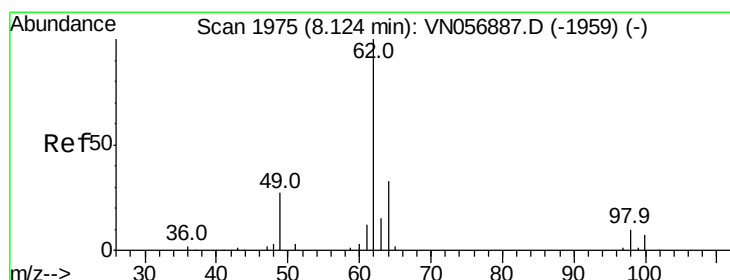
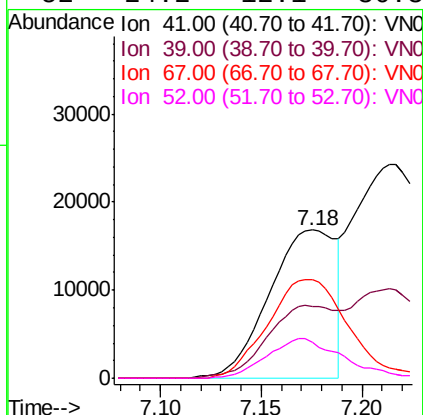
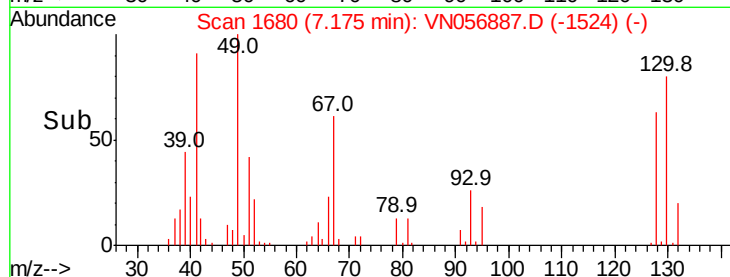
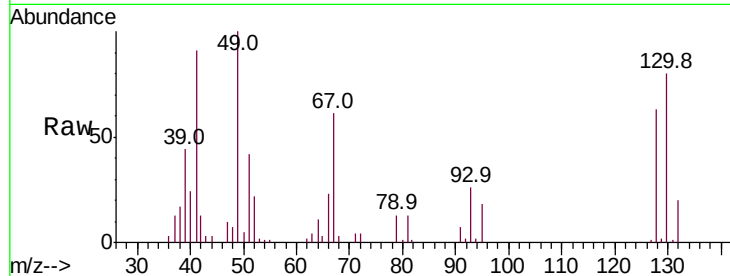
#35
Methacrylonitrile
Concen: 17.433 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	48.8	24.4	73.2
67	66.7	33.4	100.1
52	24.2	12.1	36.3

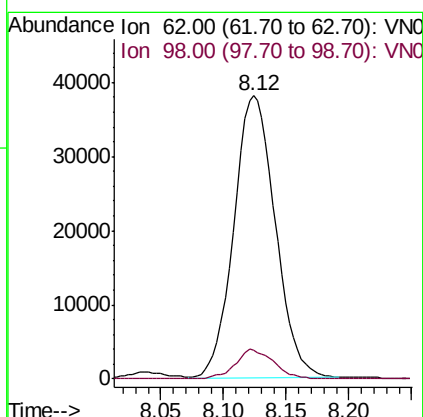
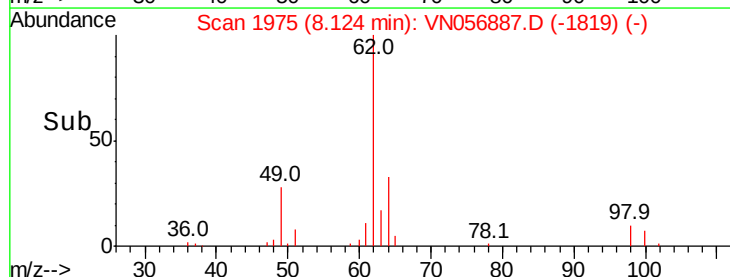
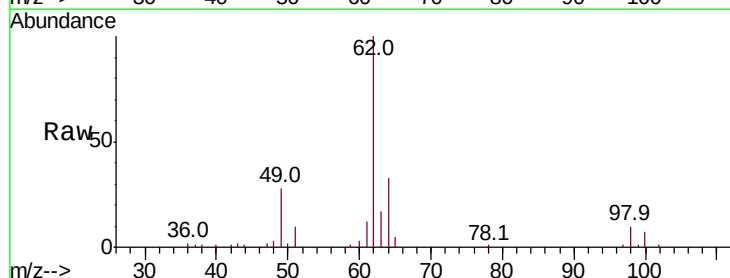
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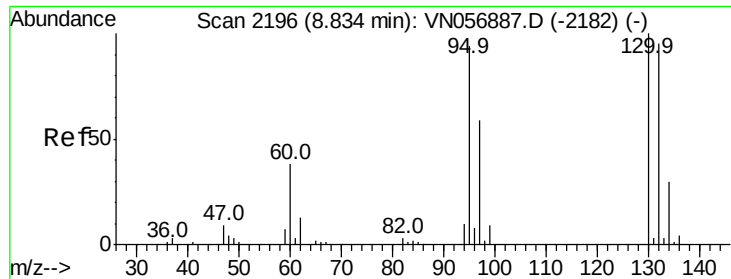
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7/25/2019 2:19:52 PM



#36
1,2-Dichloroethane
Concen: 18.122 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.7	11.5





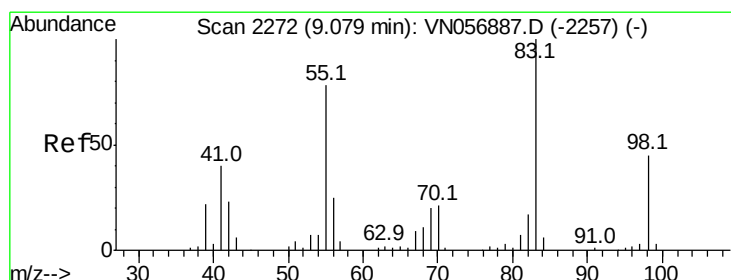
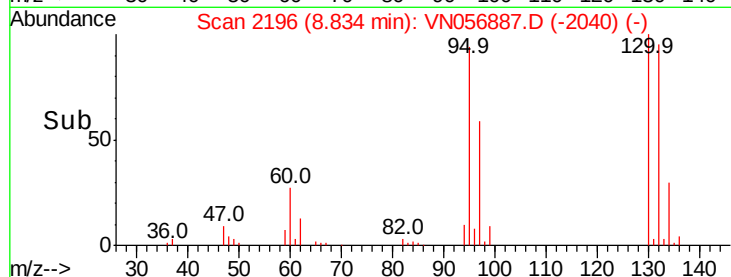
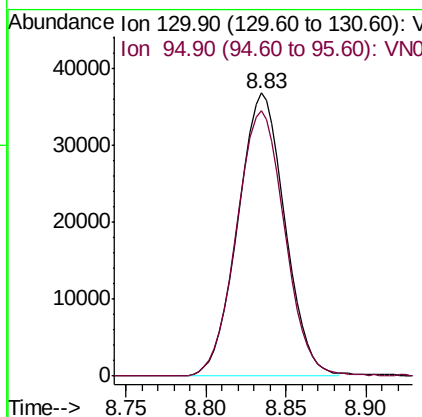
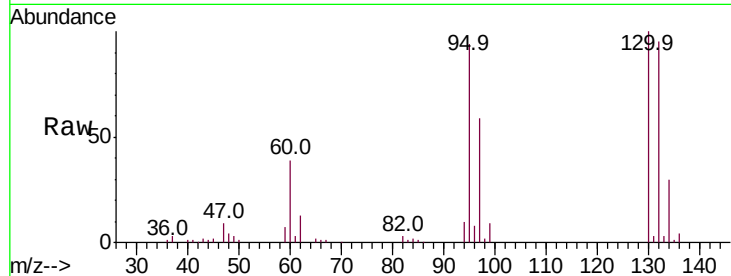
#37
 Trichloroethene
 Concen: 18.130 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion:130 Resp: 73976
 Ion Ratio Lower Upper
 130 100
 95 93.6 74.9 112.3

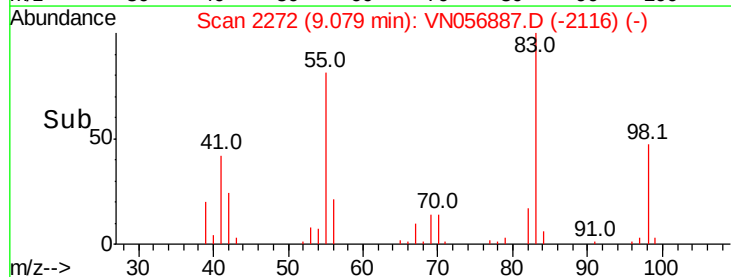
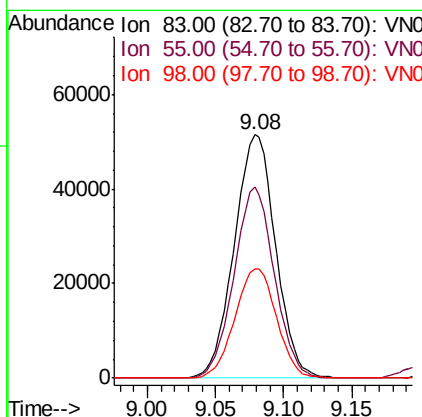
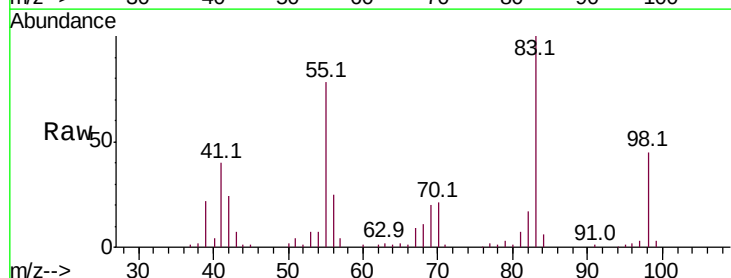
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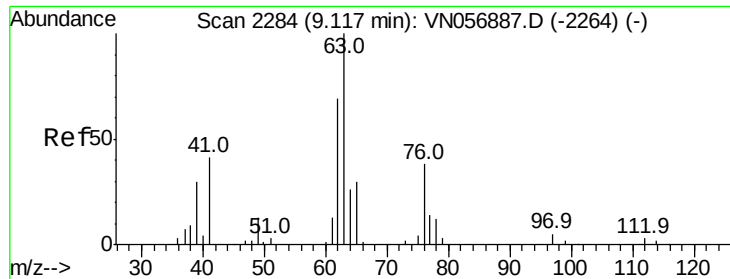
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#38
 Methylcyclohexane
 Concen: 17.650 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Tgt Ion: 83 Resp: 108361
 Ion Ratio Lower Upper
 83 100
 55 76.7 38.4 115.1
 98 45.3 22.7 68.0





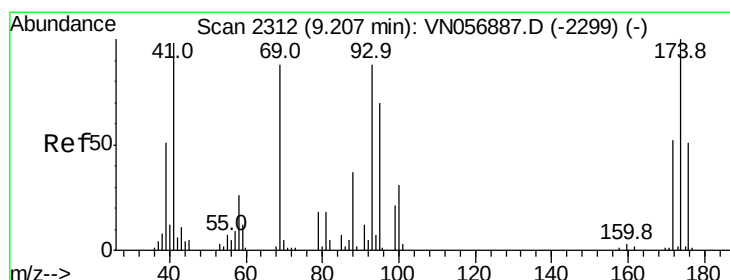
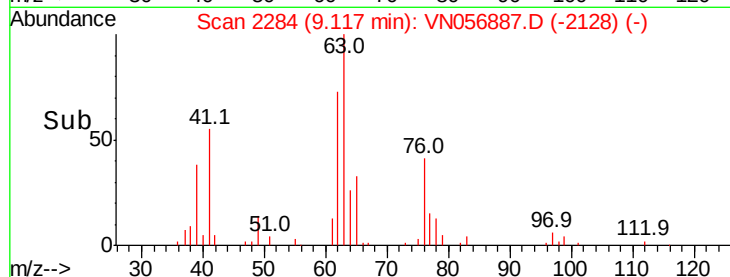
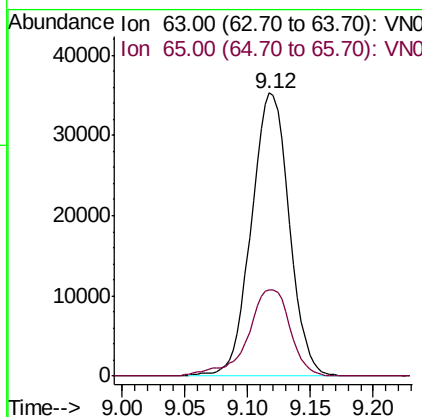
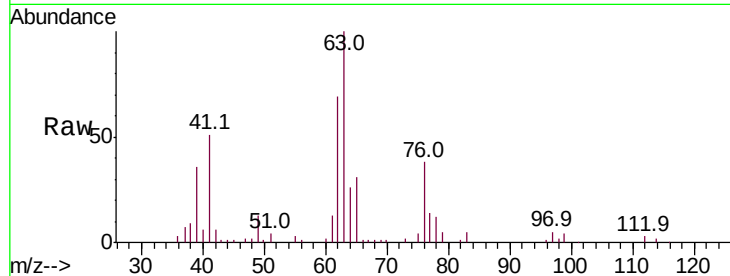
#39
 1,2-Dichloropropane
 Concen: 18.367 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion: 63 Resp: 74250
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8

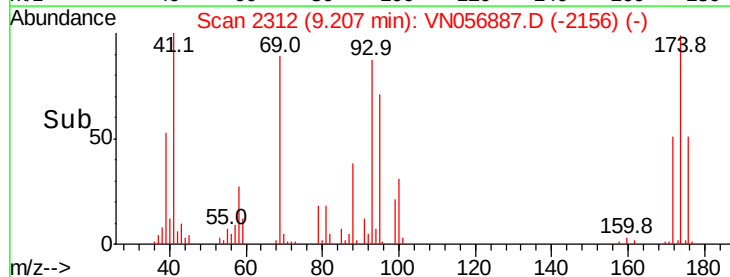
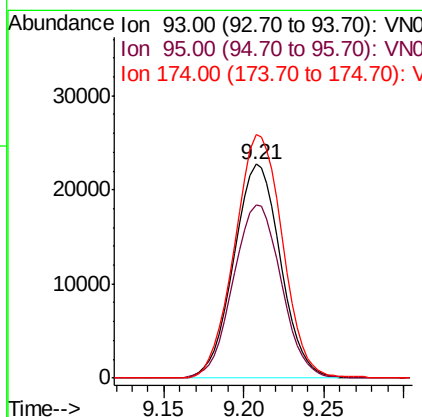
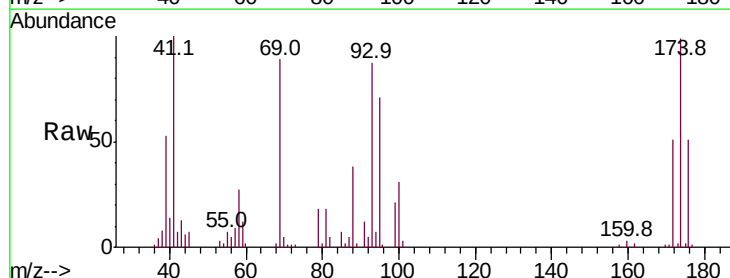
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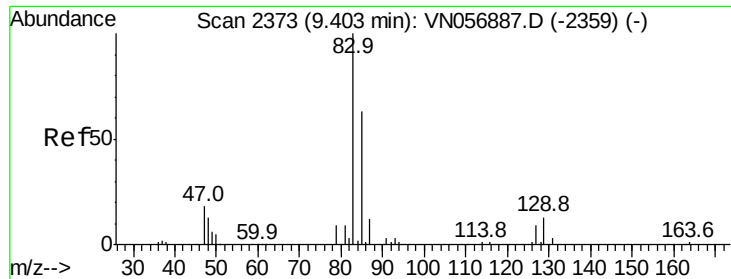
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#40
 Dibromomethane
 Concen: 17.765 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Tgt Ion: 93 Resp: 45534
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 165.8
 174 116.2 0.0 232.4





#41

Bromodichloromethane

Concen: 18.145 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

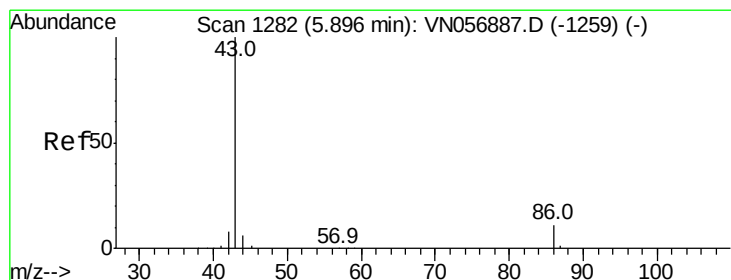
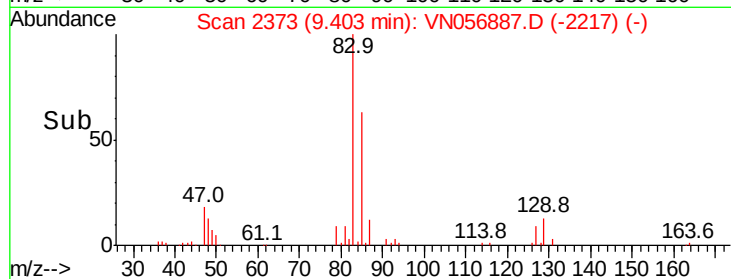
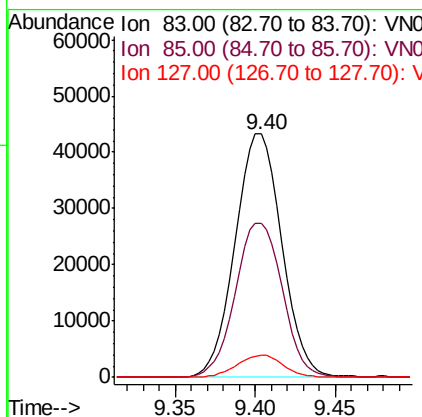
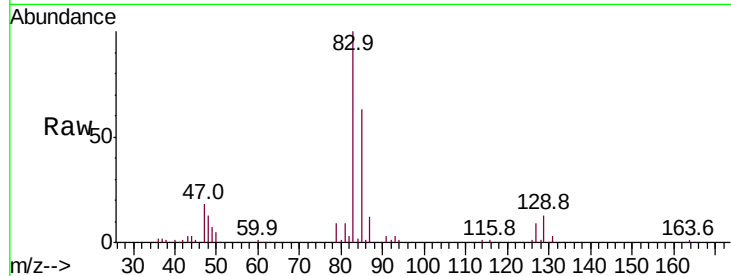
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	86218
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	9.0	7.2	10.8

Manual Integrations
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7/25/2019 2:19:52 PM



#42

Vinyl Acetate

Concen: 84.857 ug/l

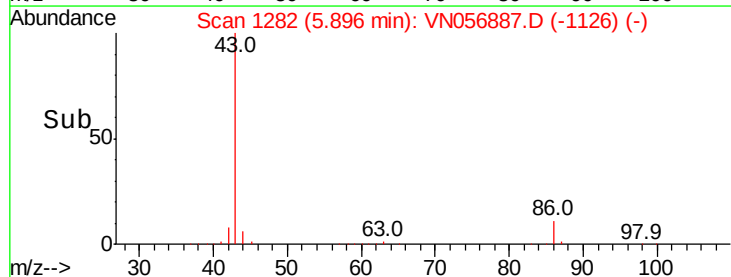
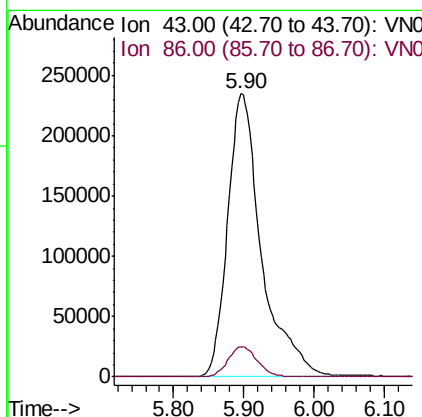
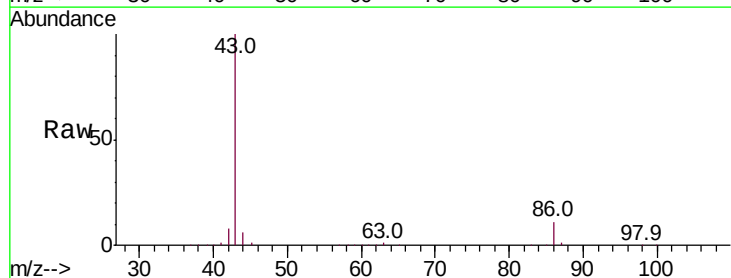
RT: 5.90 min Scan# 1282

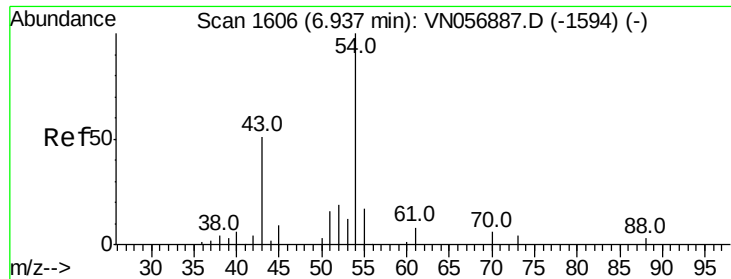
Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Tgt Ion:	43	Resp:	788383
Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.4	11.2





#43

Ethyl Acetate

Concen: 14.646 ug/l

RT: 6.94 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Tot Ion: 43 Resp: 71842

Ion Ratio Lower Upper

43 100

45 12.7 10.2 15.2

Instrument :

MSVOA_N

ClientSampleId :

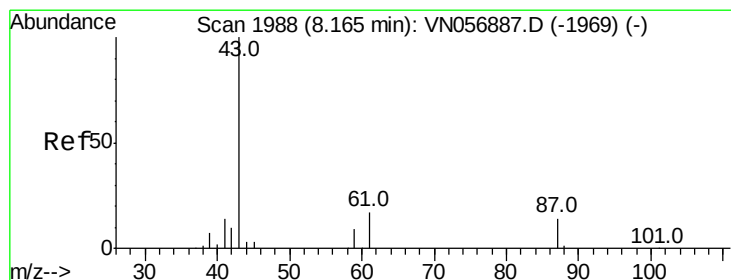
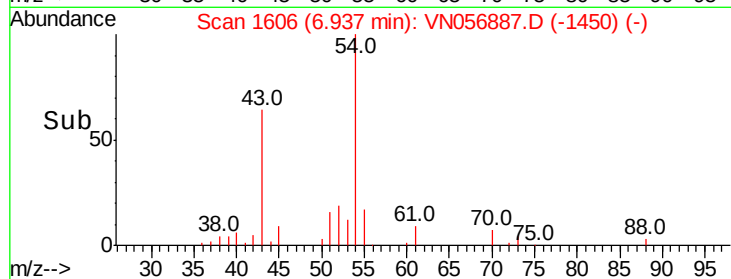
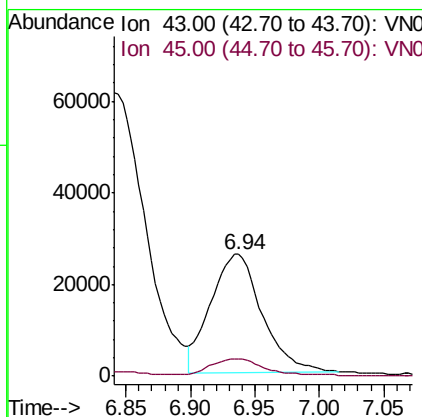
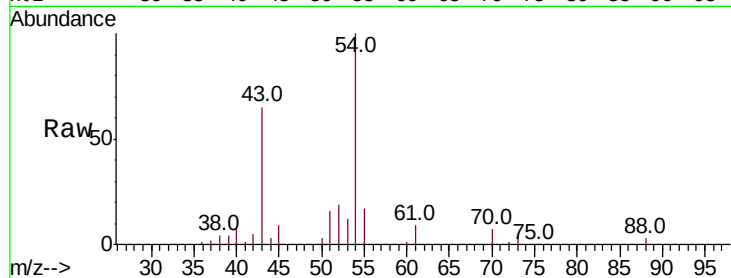
VSTDICCC020

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7/25/2019 2:19:52 PM



#44

Isopropyl Acetate

Concen: 15.626 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056887.D

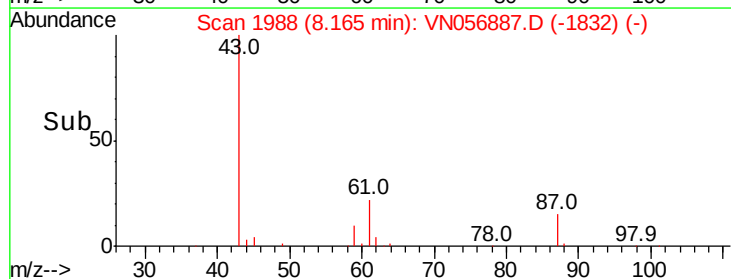
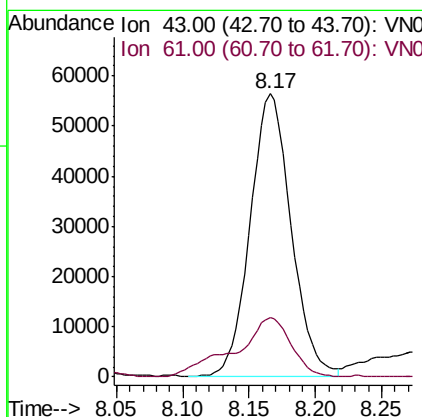
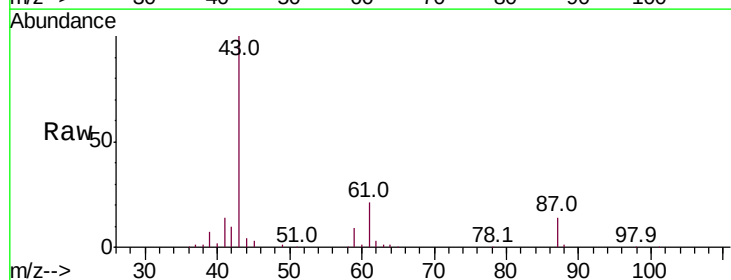
Acq: 23 Jul 2019 19:28

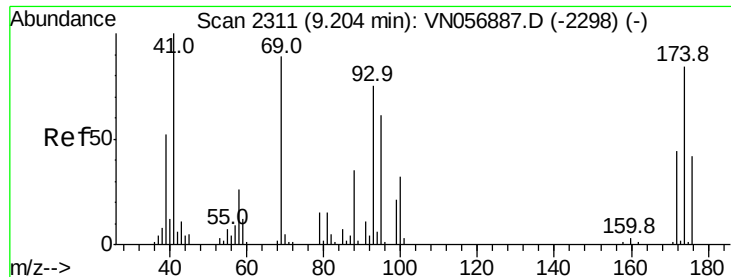
Tgt Ion: 43 Resp: 122125

Ion Ratio Lower Upper

43 100

61 28.7 23.0 34.4





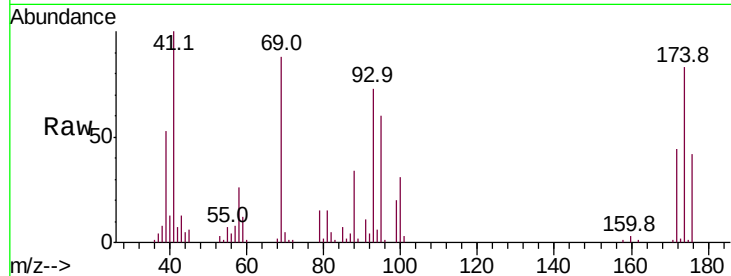
#45
 1,4-Dioxane
 Concen: 299.860 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

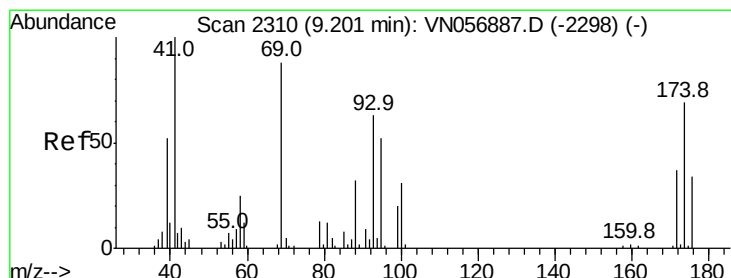
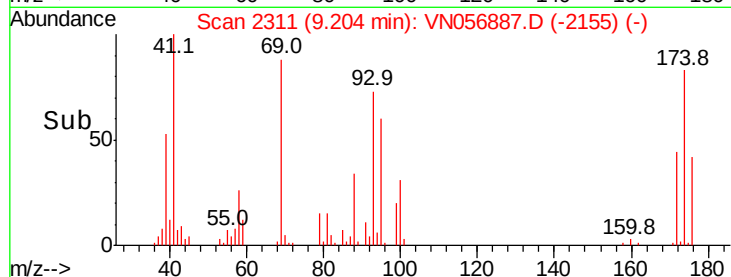
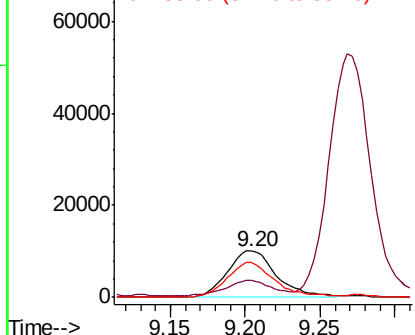
Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.4	35.0
58	73.1	58.5	87.7

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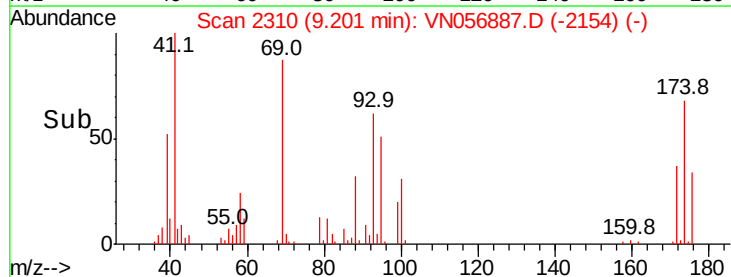
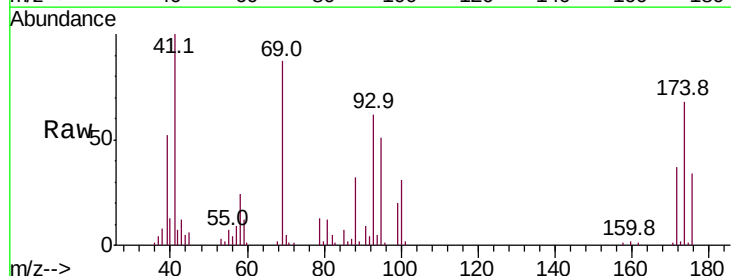
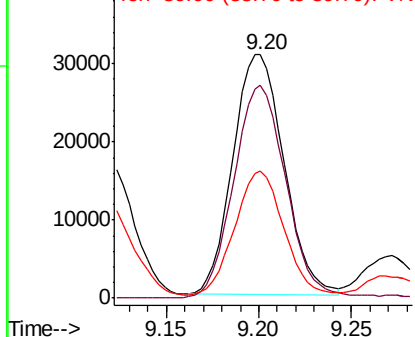
Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

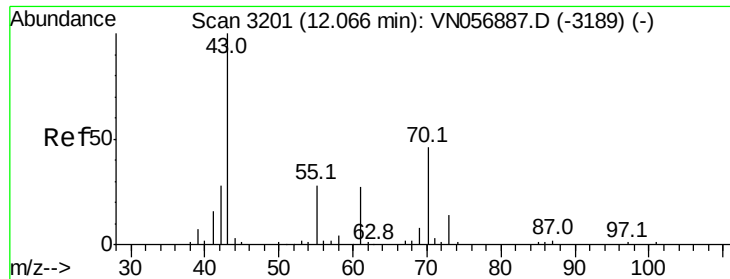


#46
 Methyl methacrylate
 Concen: 15.745 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.0	44.0	132.0
39	51.6	25.8	77.4

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





#47

n-amvl Acetate

Concen: 14.356 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 43 Resp: 90998

Ion Ratio Lower Upper

43 100

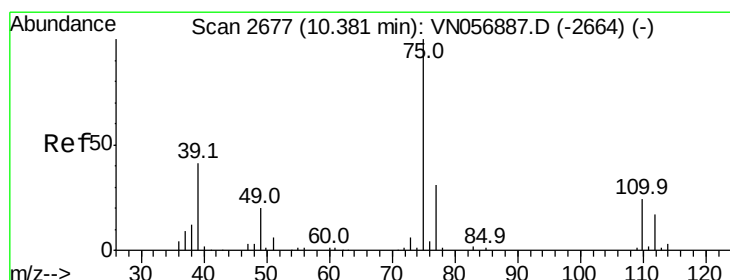
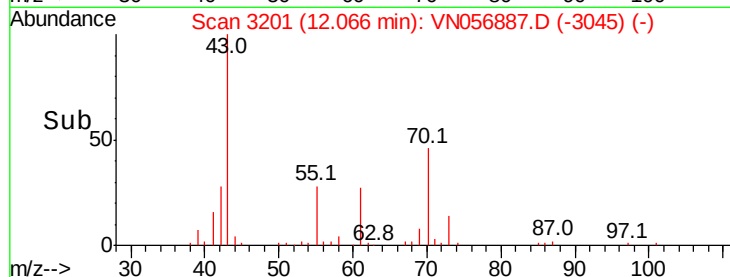
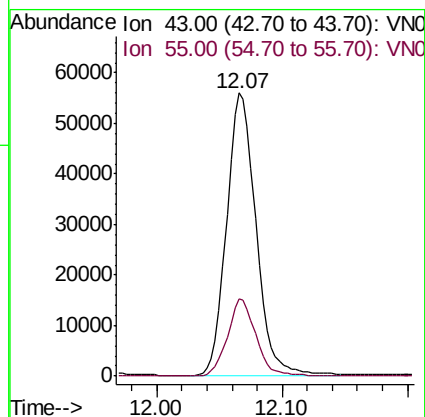
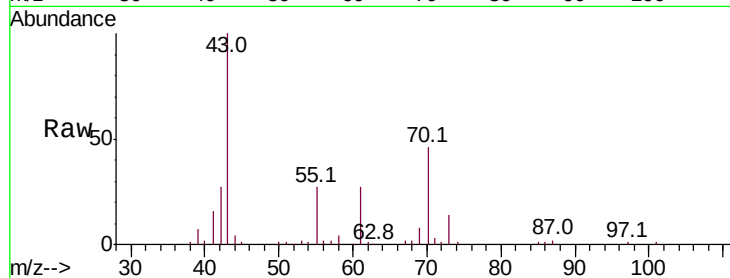
55 26.6 21.3 31.9

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#48

t-1,3-Dichloropropene

Concen: 16.591 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056887.D

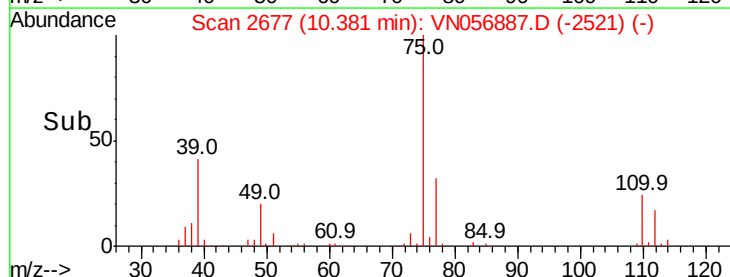
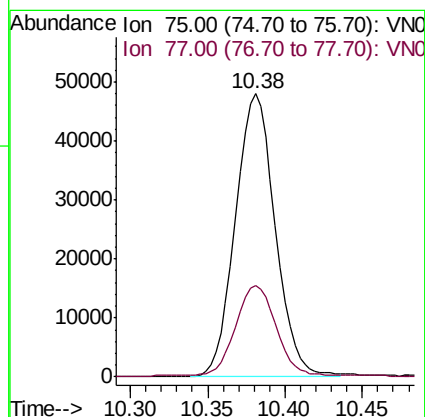
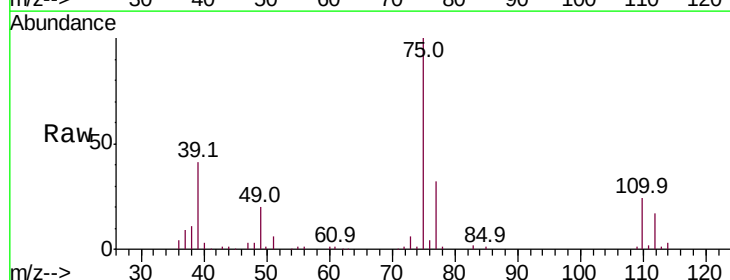
Acq: 23 Jul 2019 19:28

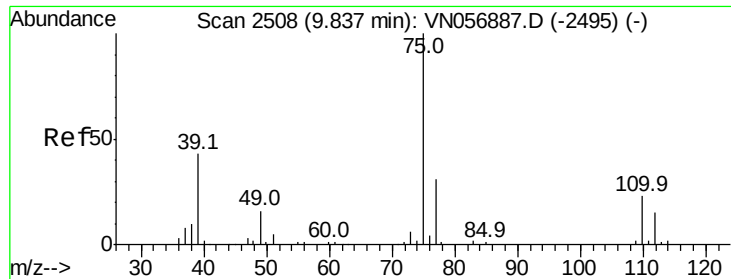
Tgt Ion: 75 Resp: 85993

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0





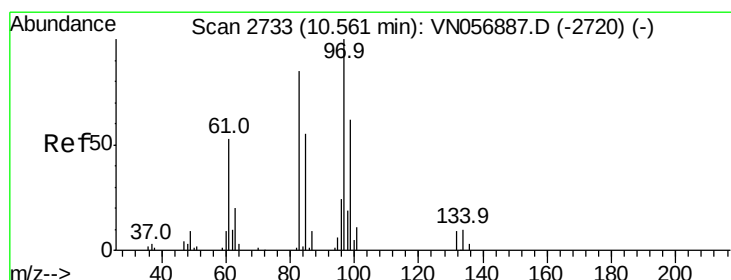
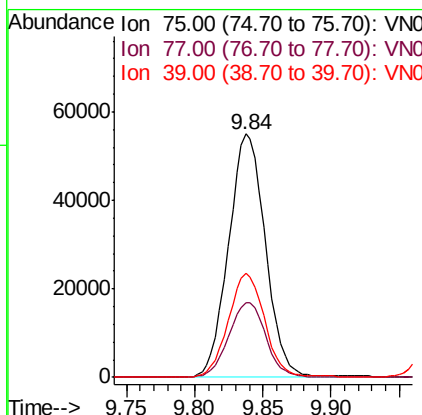
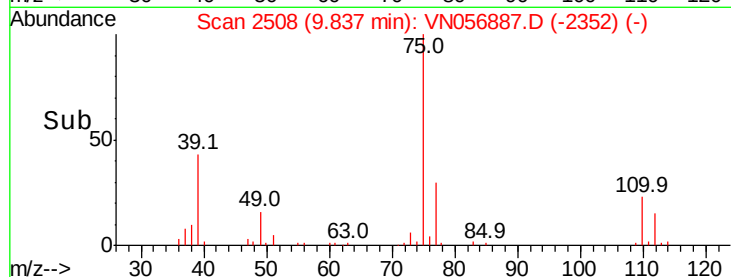
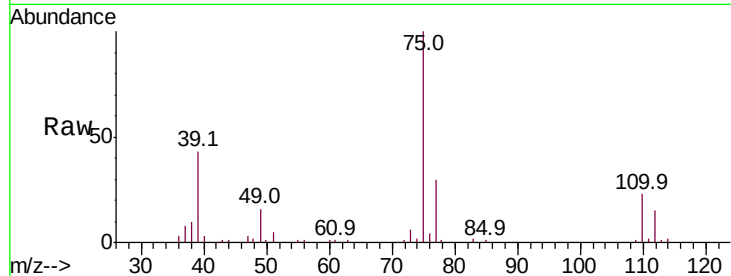
#49
 cis-1,3-Dichloropropene
 Concen: 17.526 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
77	30.5	24.4	36.6
39	42.8	34.2	51.4

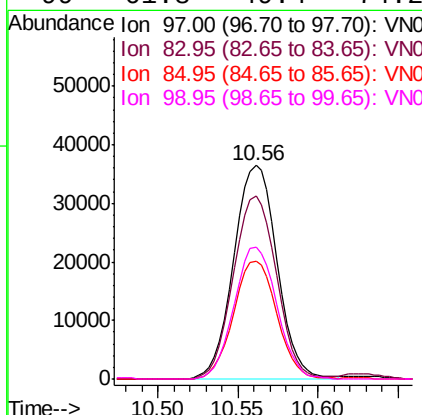
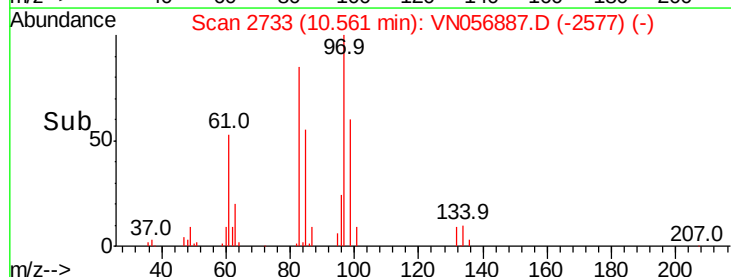
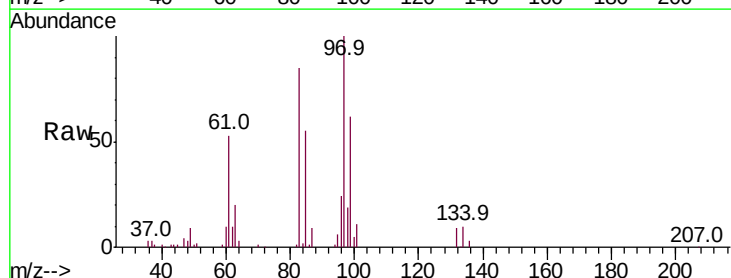
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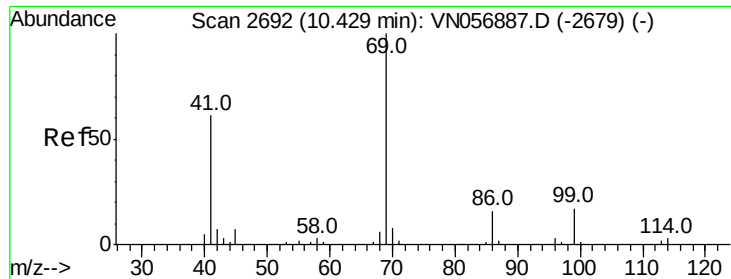
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#50
 1,1,2-Trichloroethane
 Concen: 17.995 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Resp Lower	Upper
97	100		
83	85.5	68.4	102.6
85	55.4	44.3	66.5
99	61.8	49.4	74.2





#51

Ethyl methacrylate

Concen: 16.323 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

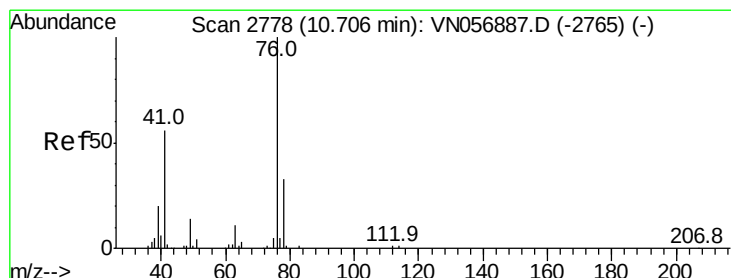
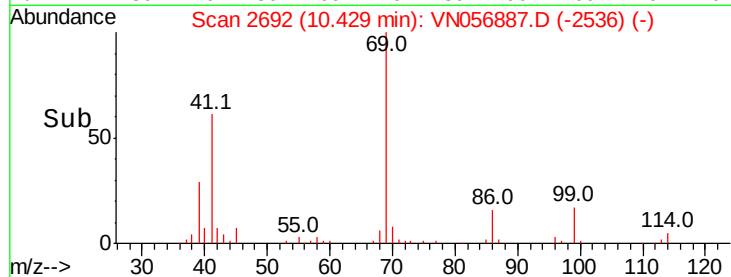
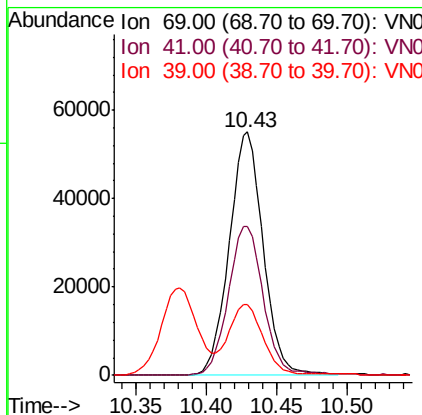
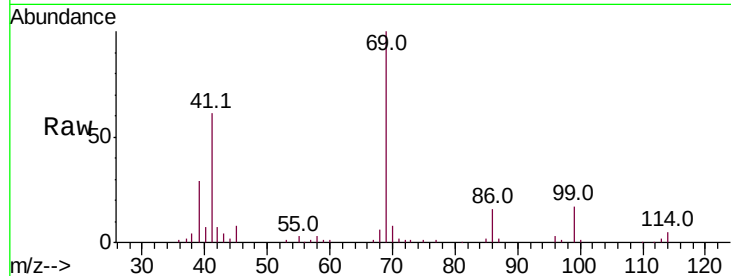
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	92790
Ion	Ratio	Lower	Upper
69	100		
41	60.9	30.4	91.3
39	28.4	14.2	42.6

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#52

1,3-Dichloropropane

Concen: 17.937 ug/l

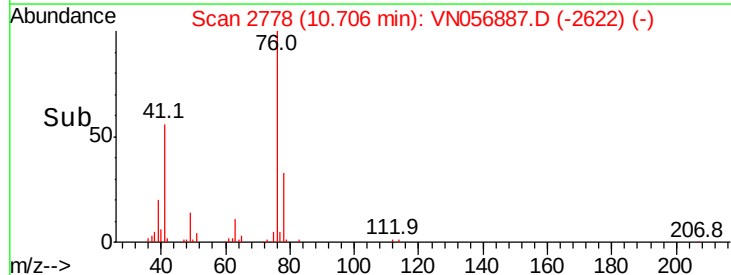
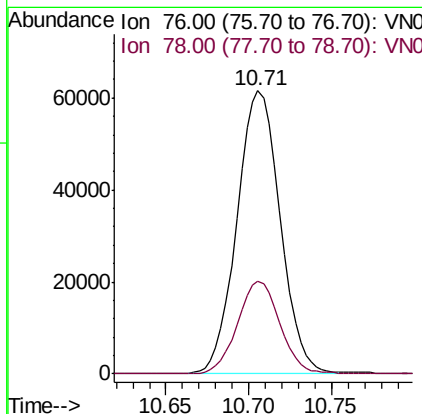
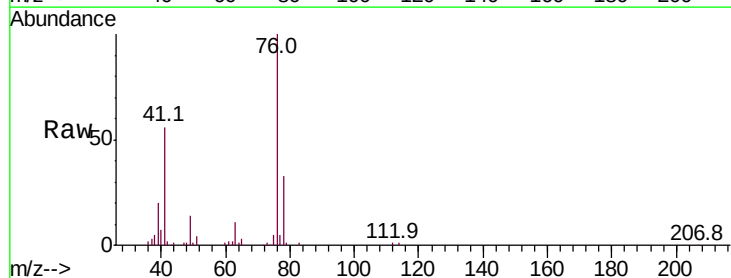
RT: 10.71 min Scan# 2778

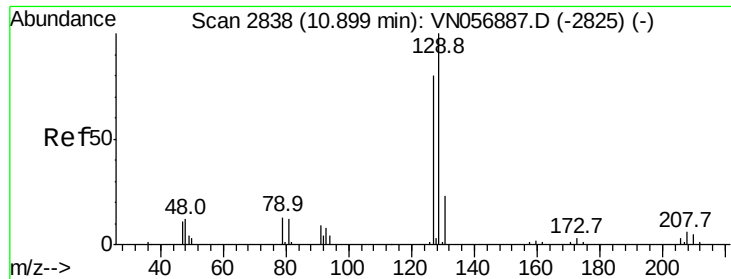
Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Tgt Ion:	76	Resp:	111693
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	64.2





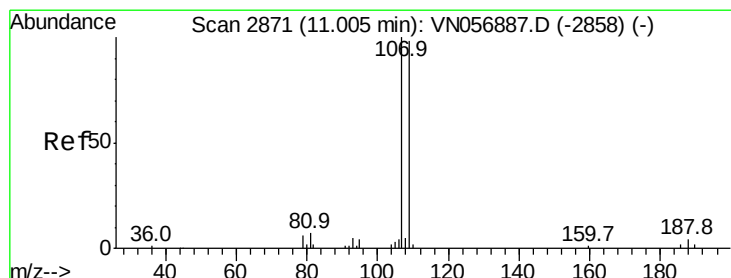
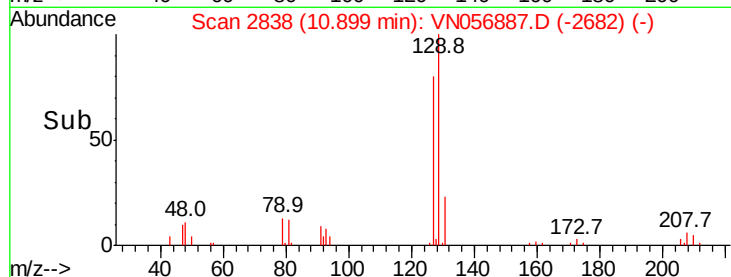
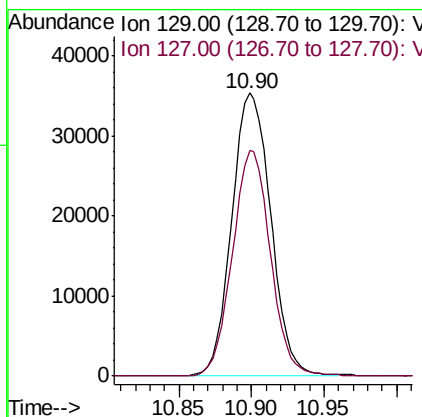
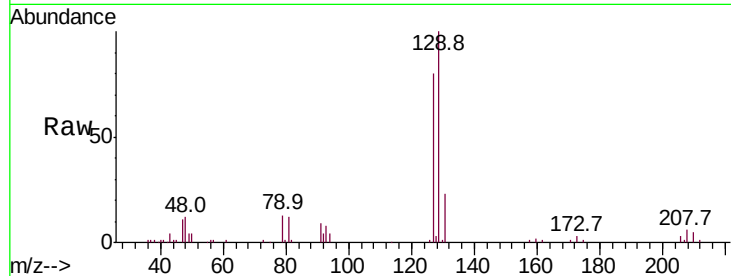
#53
Dibromochloromethane
Concen: 17.468 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion:129 Resp: 66298
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

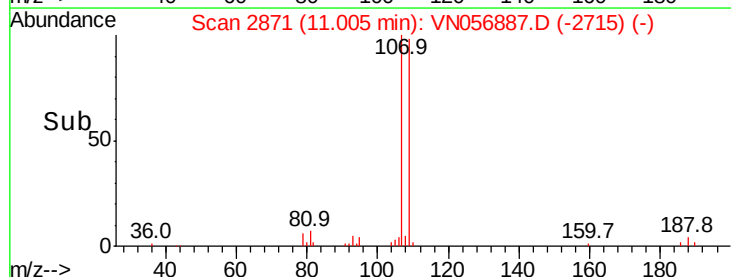
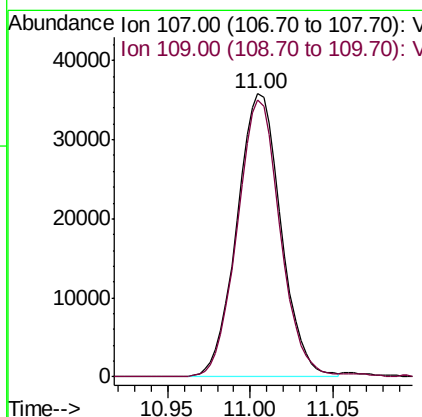
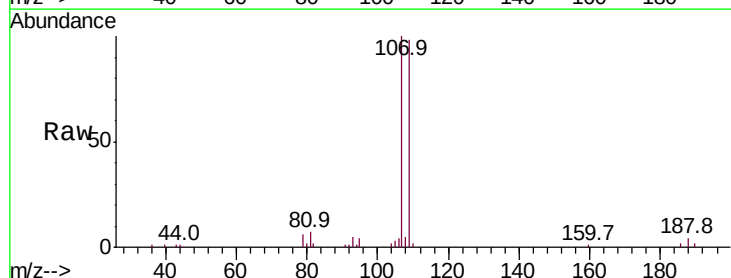
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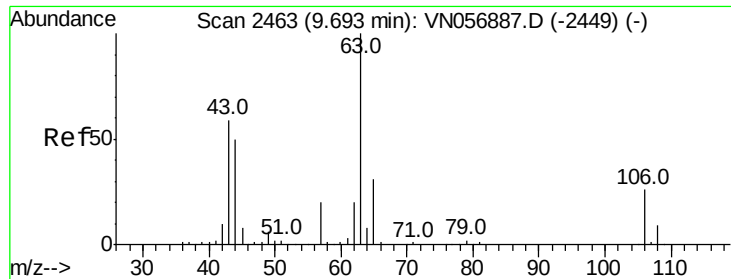
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7/25/2019 2:19:52 PM



#54
1,2-Dibromoethane
Concen: 17.120 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion:107 Resp: 66200
Ion Ratio Lower Upper
107 100
109 95.2 76.2 114.2





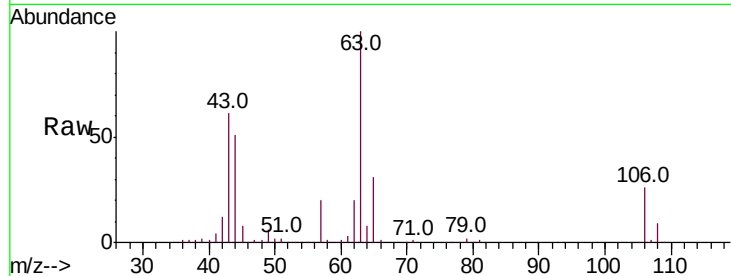
#55
2-Chloroethyl vinyl ether
Concen: 76.053 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.1	37.7
106	26.9	21.5	32.3

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7/25/2019 2:19:52 PM

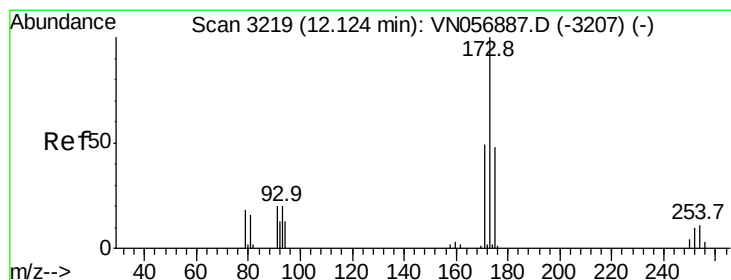
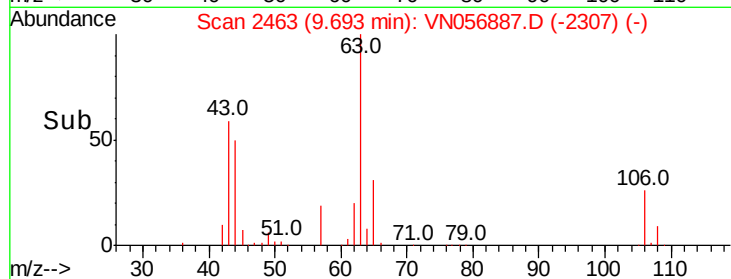
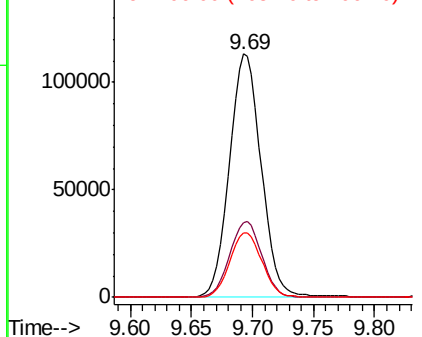


Abundance

Ion 63.00 (62.70 to 63.70): VN056887.D (-2449) (-)

Ion 65.00 (64.70 to 65.70): VN056887.D (-2449) (-)

Ion 106.00 (105.70 to 106.70): VN056887.D (-2449) (-)



#56
Bromoform
Concen: 16.002 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

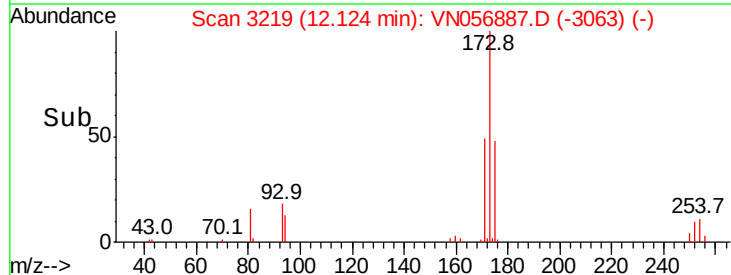
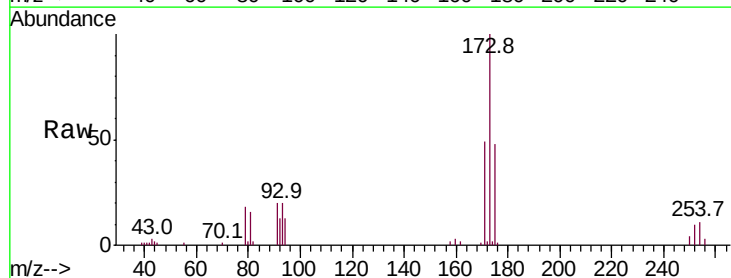
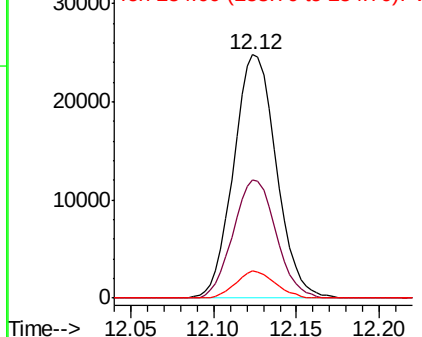
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.8	58.2
254	10.1	8.1	12.1

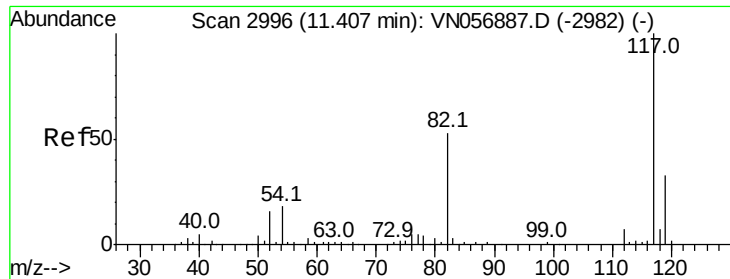
Abundance

Ion 173.00 (172.70 to 173.70): VN056887.D (-3207) (-)

Ion 175.00 (174.70 to 175.70): VN056887.D (-3207) (-)

Ion 254.00 (253.70 to 254.70): VN056887.D (-3207) (-)





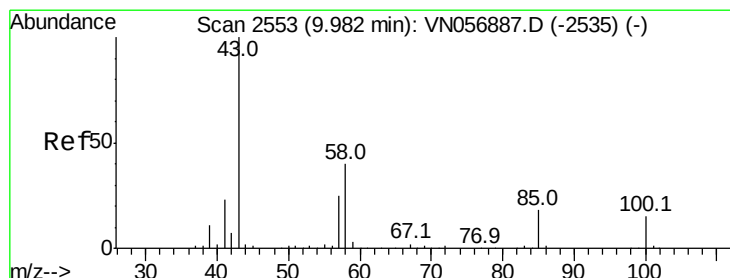
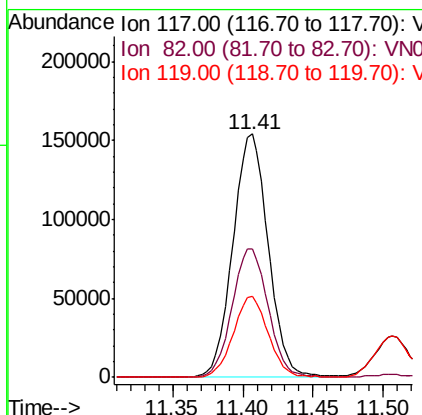
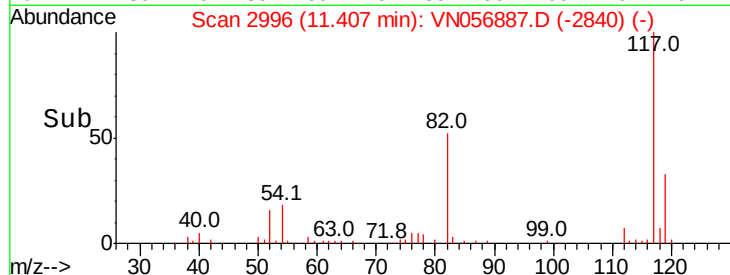
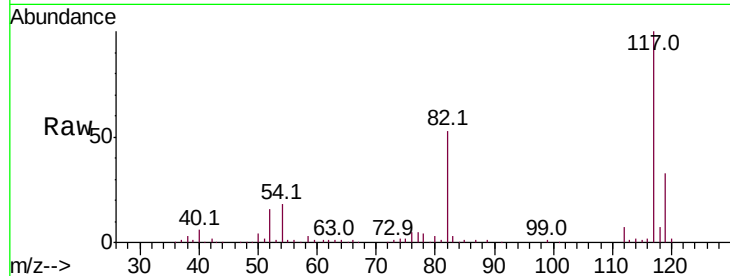
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion:	117	Resp:	270969
Ion Ratio	Lower	Upper	
117	100		
82	53.7	43.0	64.4
119	32.7	26.2	39.2

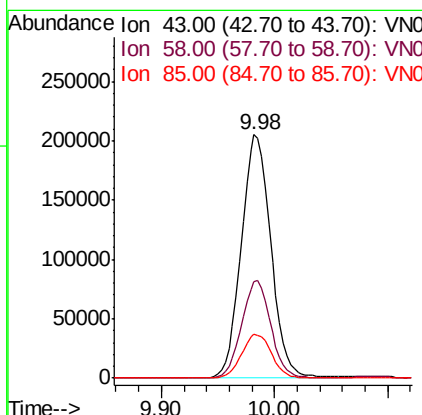
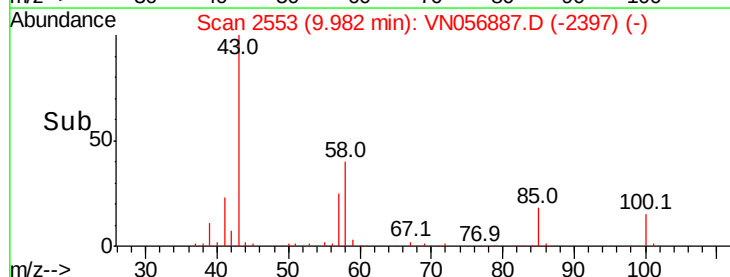
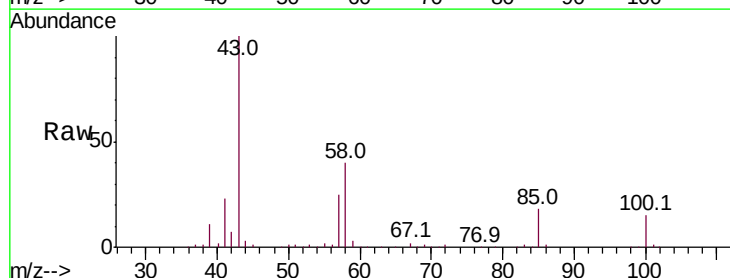
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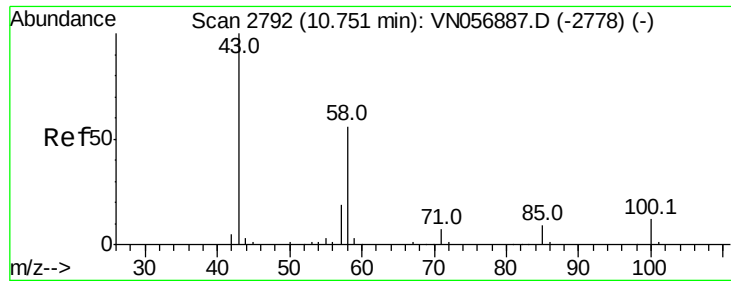
MMDadoda
7/25/2019 2:19:52 PM



#58
4-Methyl-2-Pentanone
Concen: 77.532 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion:	43	Resp:	373290
Ion Ratio	Lower	Upper	
43	100		
58	39.6	31.7	47.5
85	18.1	14.5	21.7





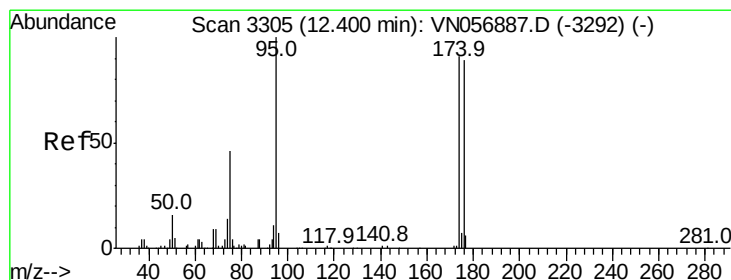
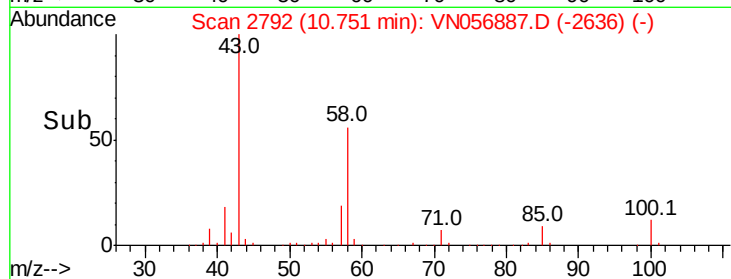
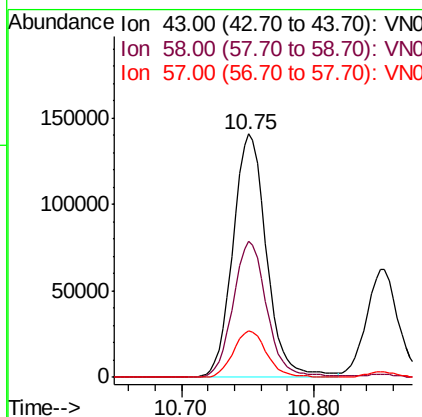
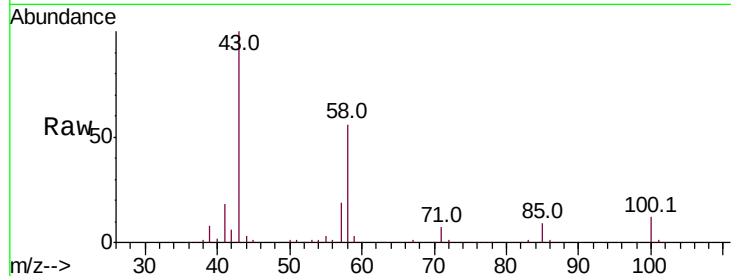
#59
2-Hexanone
Concen: 69.422 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.2	45.0	67.4
57	19.2	15.4	23.0

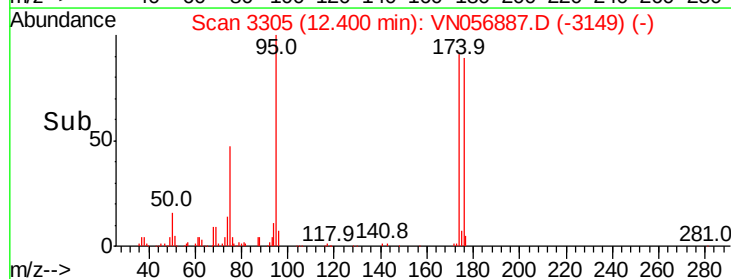
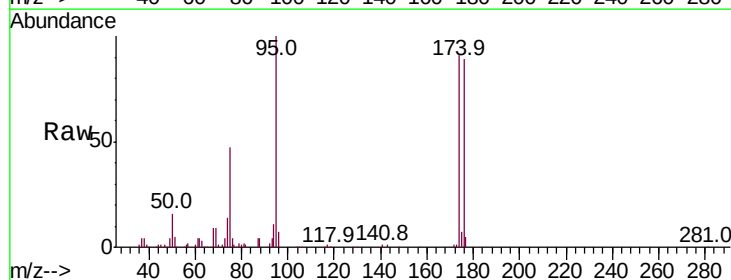
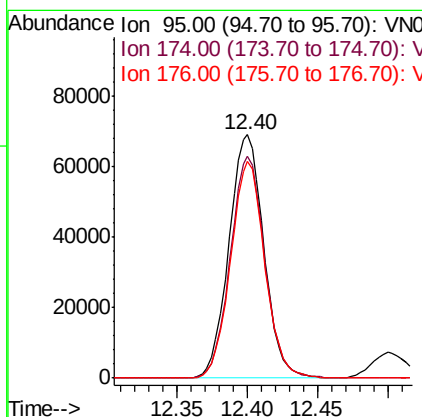
Manual Integrations
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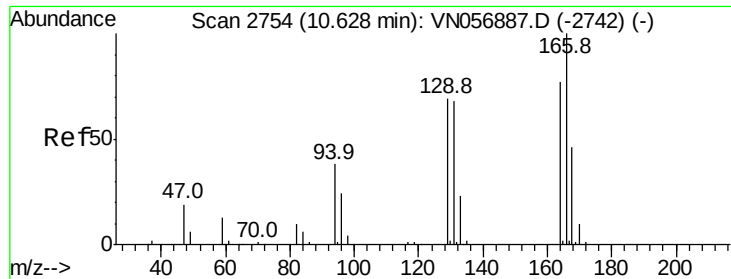
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7/25/2019 2:19:52 PM



#60
4-Bromofluorobenzene
Concen: 29.029 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	71.9	107.9
176	87.3	69.8	104.8





#61

Tetrachloroethene

Concen: 20.301 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

Tot Ion:164 Resp: 78495

Ion Ratio Lower Upper

164 100

166 129.9 103.9 155.9

129 90.5 72.4 108.6

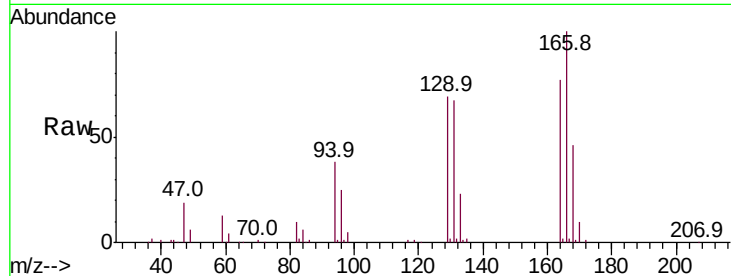
131 87.9 70.3 105.5

Manual Integrations

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7/25/2019 2:19:52 PM



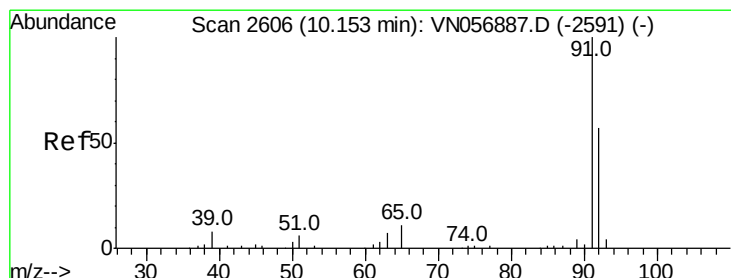
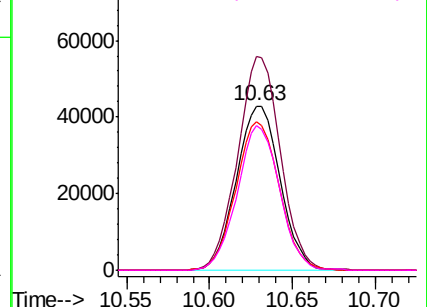
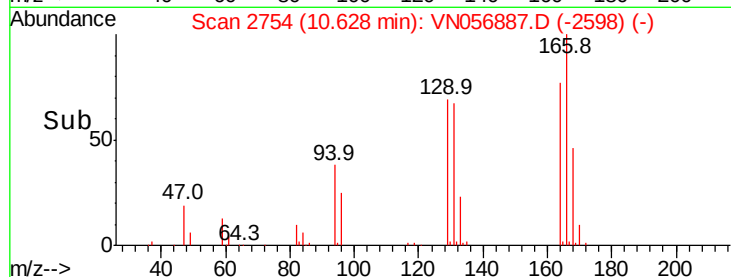
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.851 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056887.D

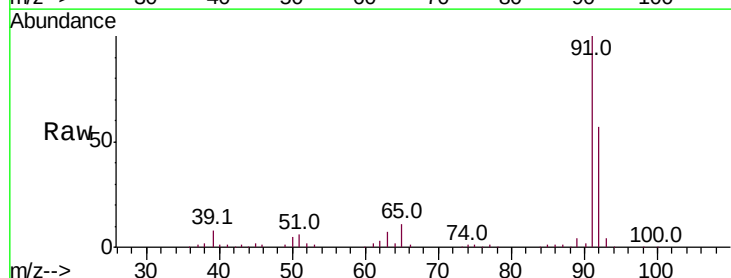
Acq: 23 Jul 2019 19:28

Tgt Ion: 91 Resp: 293878

Ion Ratio Lower Upper

91 100

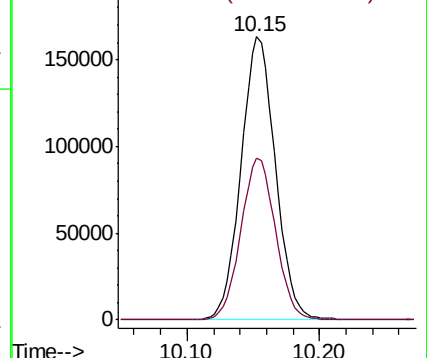
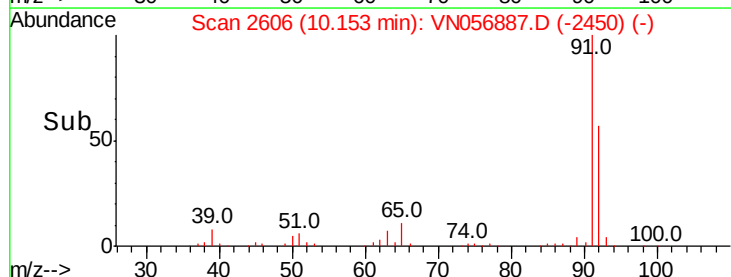
92 57.6 46.1 69.1

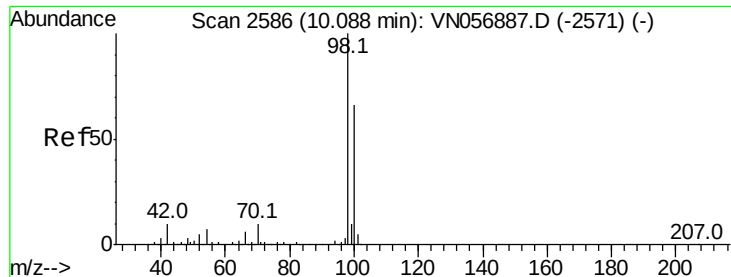


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





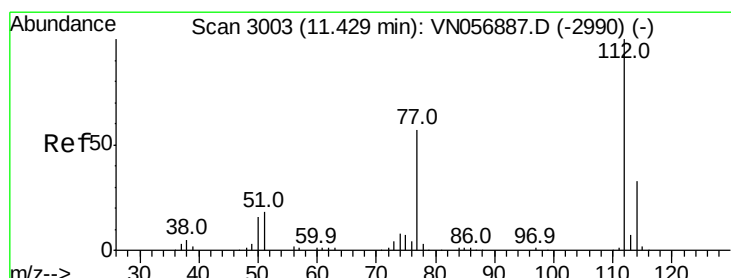
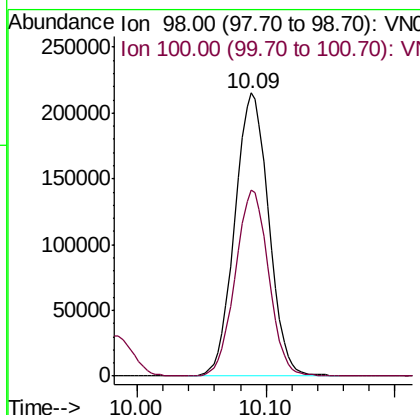
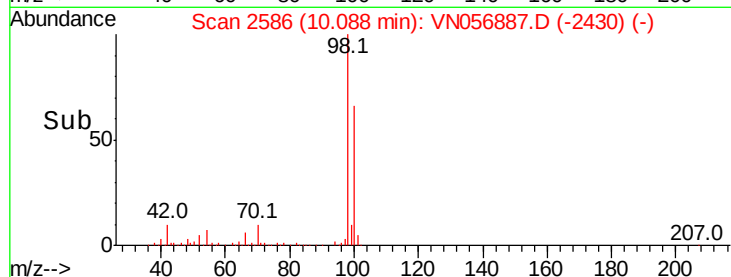
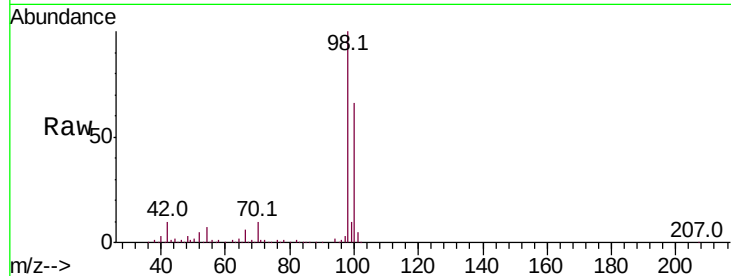
#63
Toluene-d8
Concen: 31.600 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 98 Resp: 394018
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2

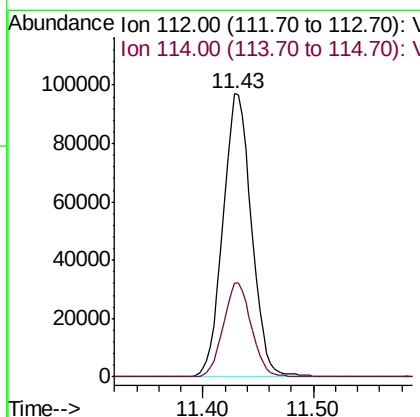
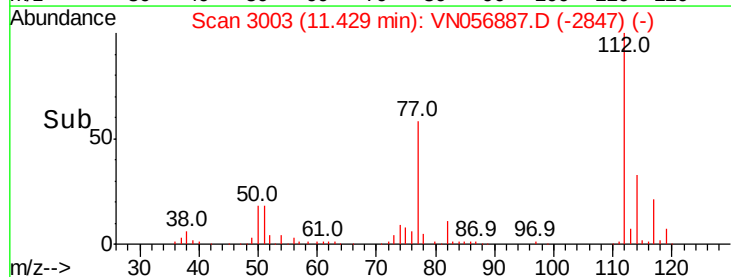
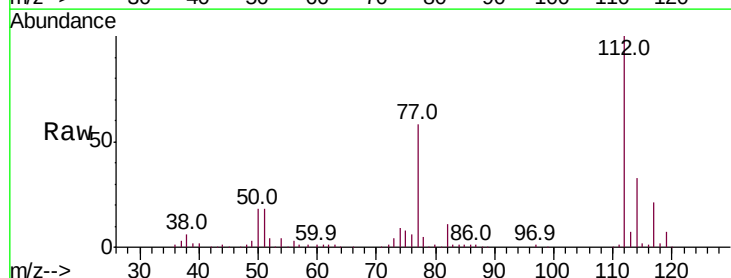
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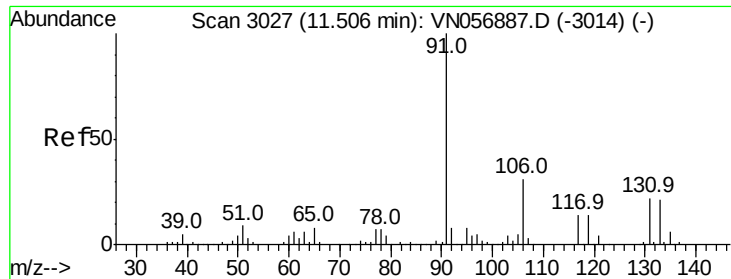
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7/25/2019 2:19:52 PM



#64
Chlorobenzene
Concen: 18.380 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion: 112 Resp: 174570
Ion Ratio Lower Upper
112 100
114 33.4 26.7 40.1





#65

1,1,1,2-Tetrachloroethane

Concen: 19.148 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

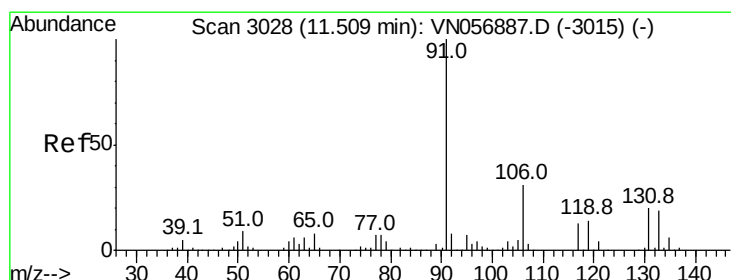
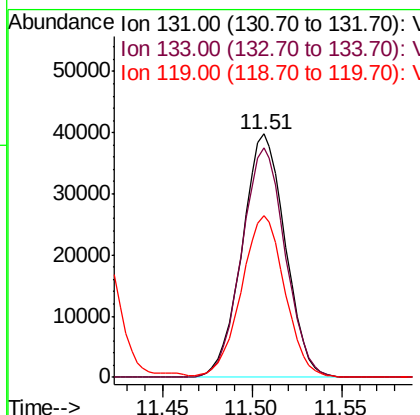
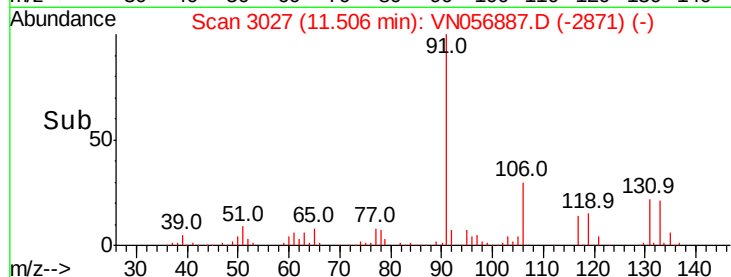
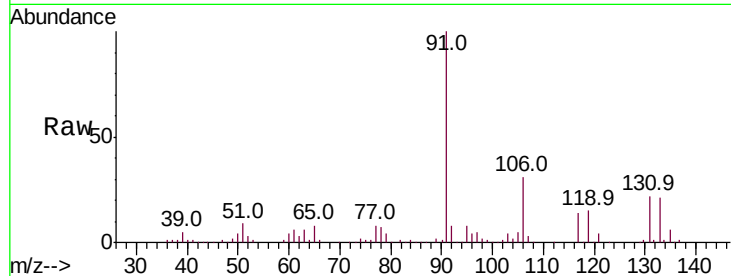
ClientSampled :

VSTDICCC020

Tot Ion:	131	Resp:	67259
Ion	Ratio	Lower	Upper
131	100		
133	94.8	0.0	189.6
119	66.8	0.0	133.6

Manual Integrations
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7/25/2019 2:19:52 PM



#66

Ethyl Benzene

Concen: 18.221 ug/l

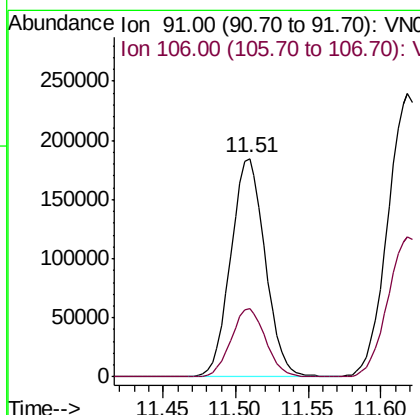
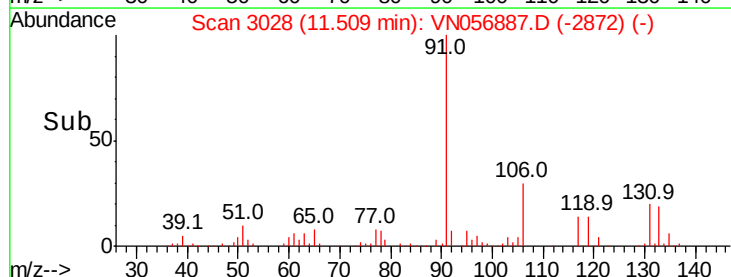
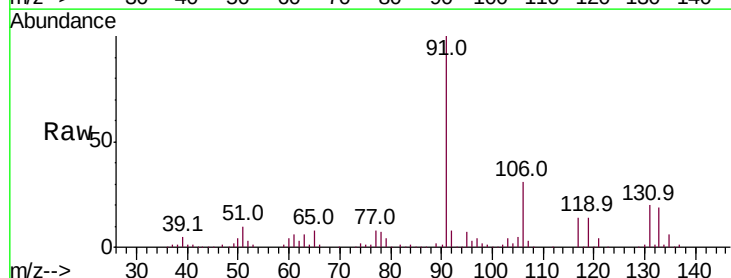
RT: 11.51 min Scan# 3028

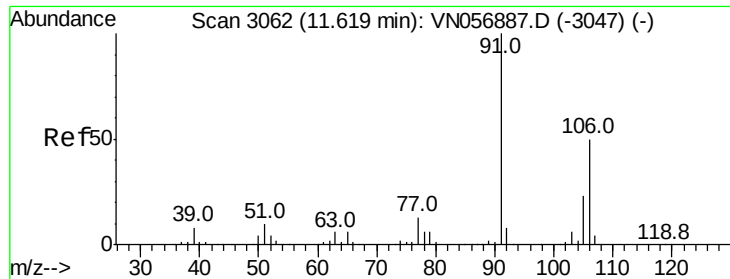
Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Tgt Ion:	91	Resp:	305172
Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.9	37.3





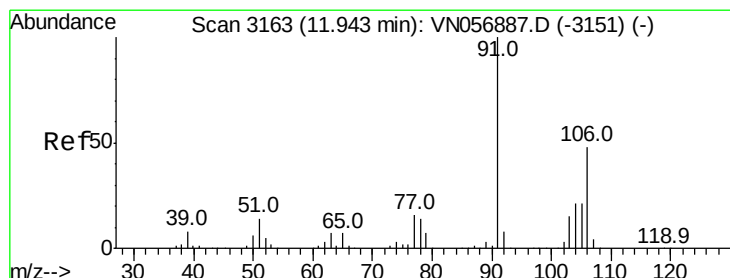
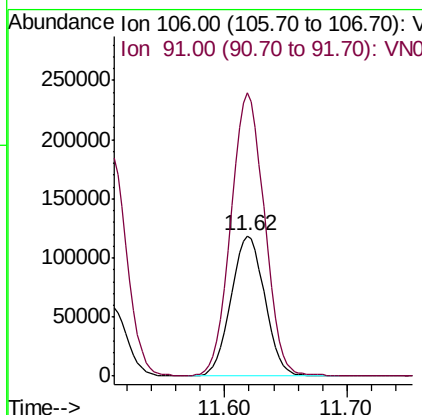
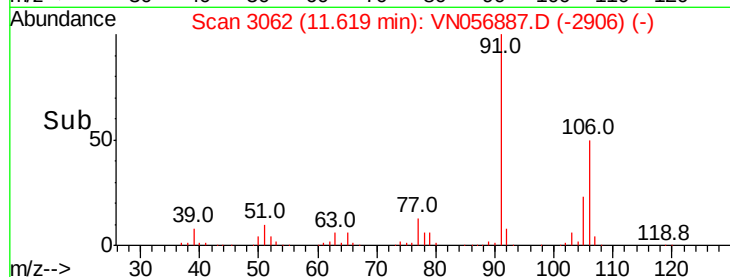
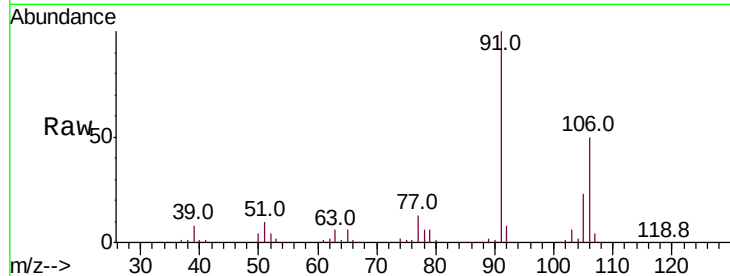
#67
m/p-Xylenes
Concen: 36.253 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion:106 Resp: 228501
Ion Ratio Lower Upper
106 100
91 200.7 160.6 240.8

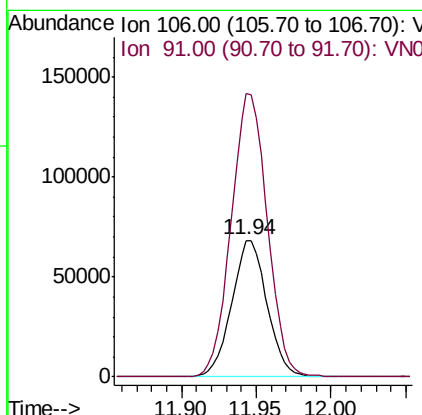
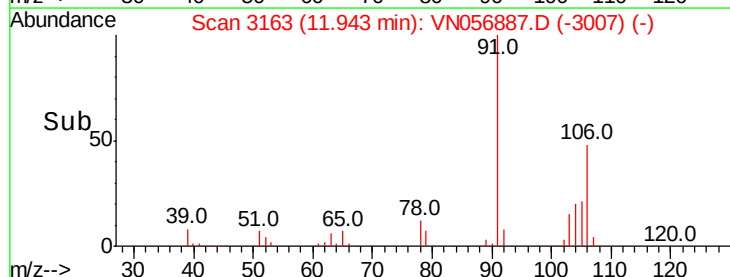
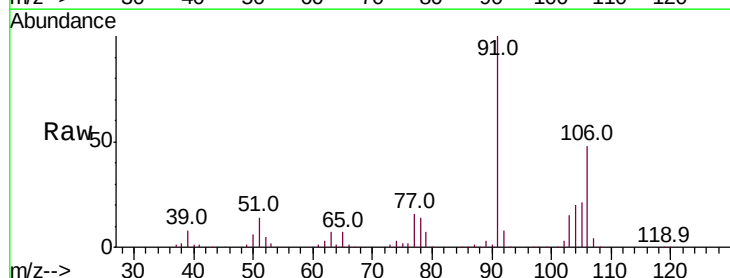
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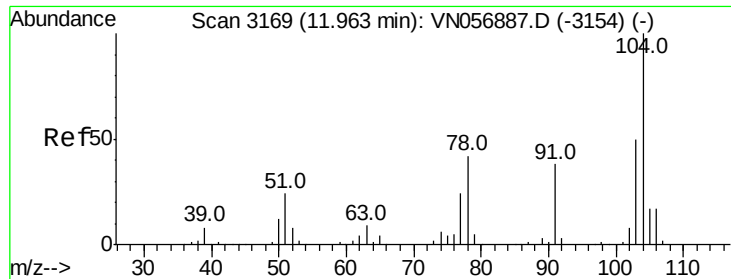
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7/25/2019 2:19:52 PM



#68
o-Xylene
Concen: 18.158 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion:106 Resp: 112319
Ion Ratio Lower Upper
106 100
91 212.4 106.2 318.6





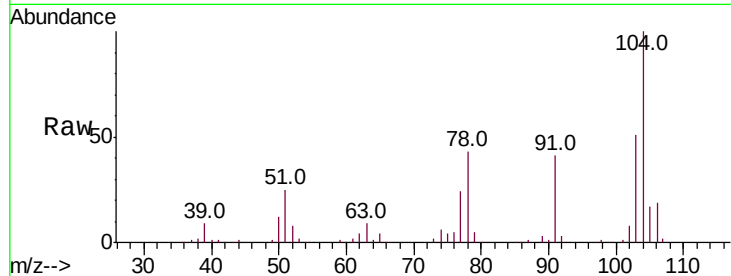
#69
Stvrene
Concen: 17.598 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

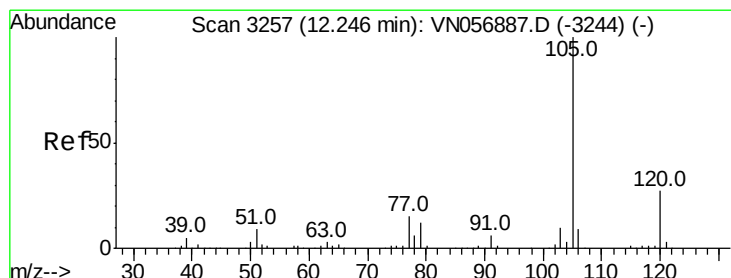
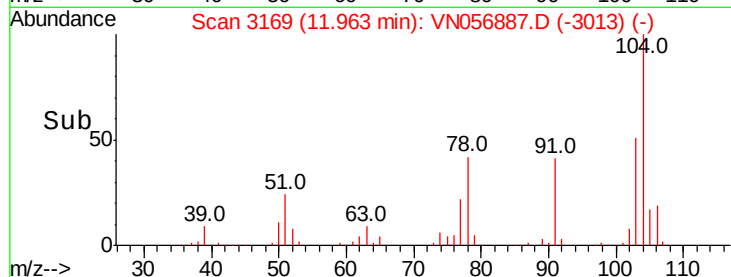
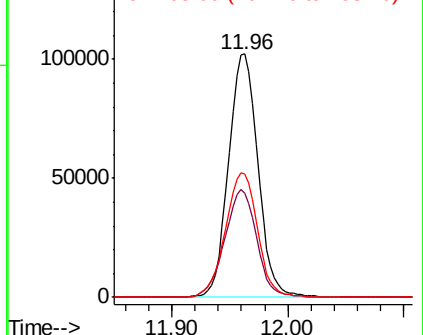
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.5	57.7
103	55.9	44.7	67.1

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7/25/2019 2:19:52 PM

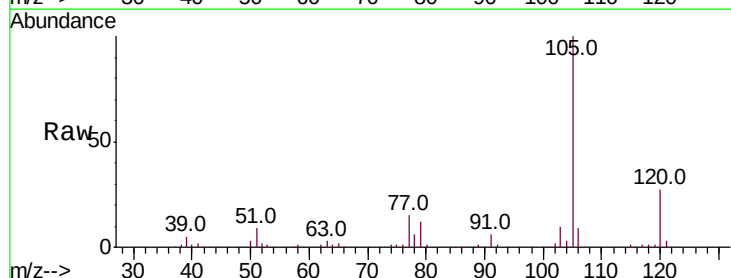


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

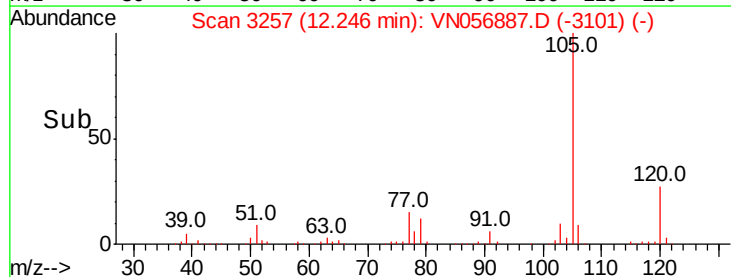
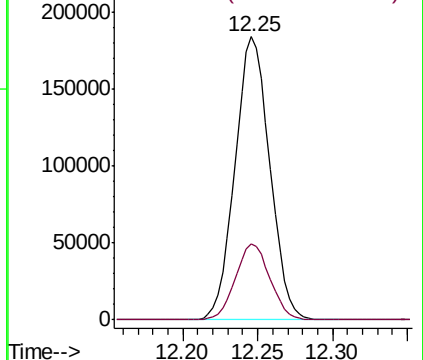


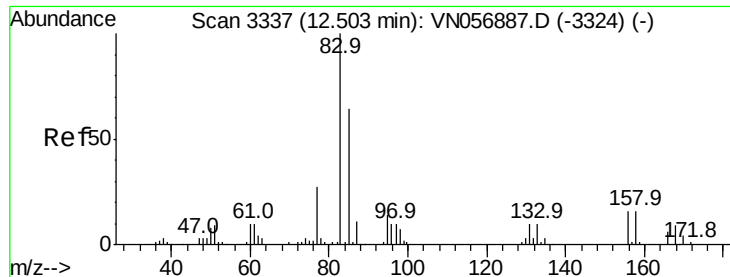
#70
Isopropylbenzene
Concen: 18.418 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.7	34.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





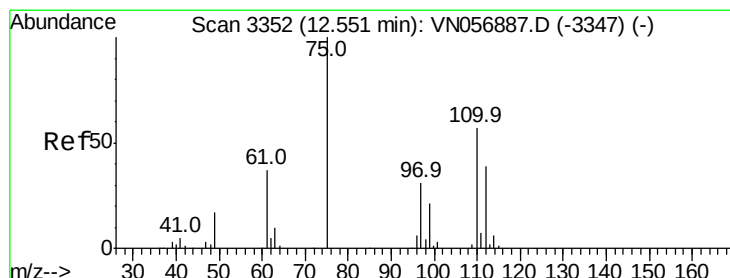
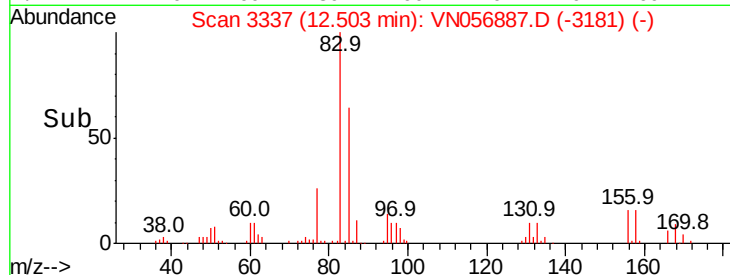
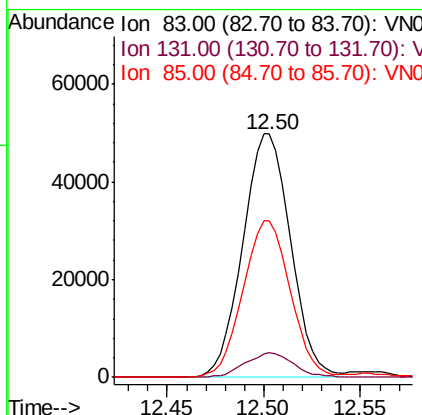
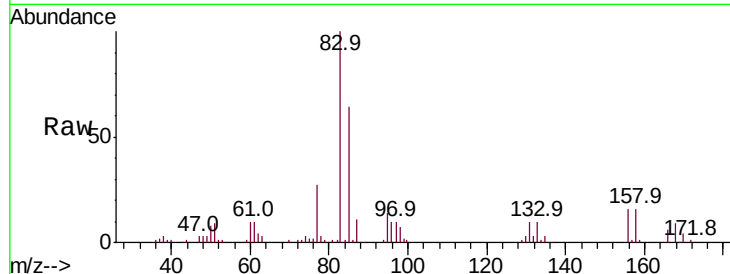
#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.642 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.2
85	63.6	31.8	95.4

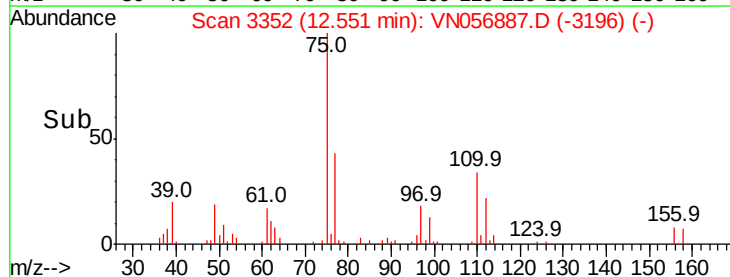
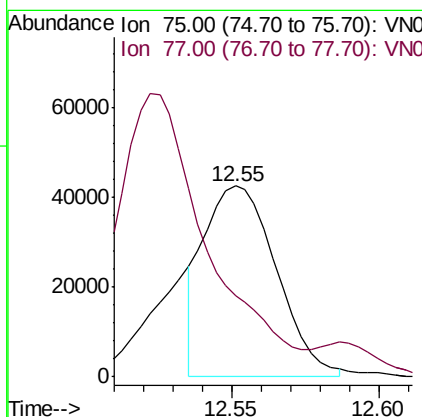
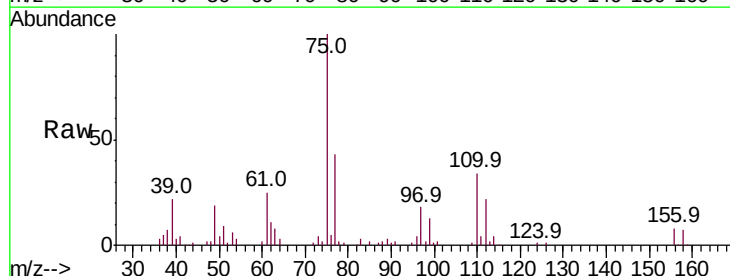
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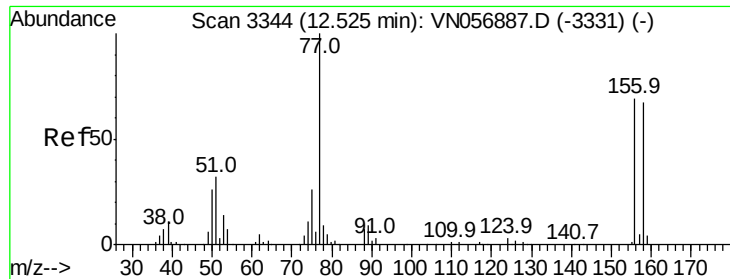
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 7/25/2019 2:19:52 PM



#72
 1,2,3-Trichloropropane
 Concen: 16.631 ug/l m
 RT: 12.55 min Scan# 3352
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	187.4	0.0	378.6





#73

Bromobenzene

Concen: 17.796 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

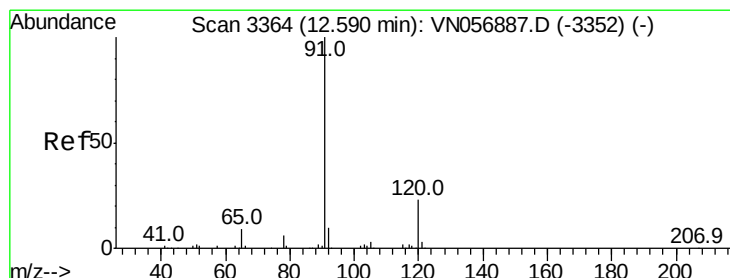
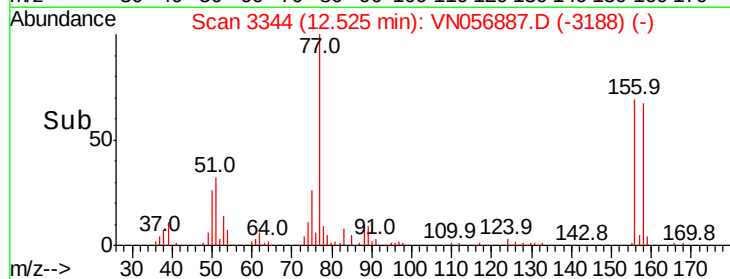
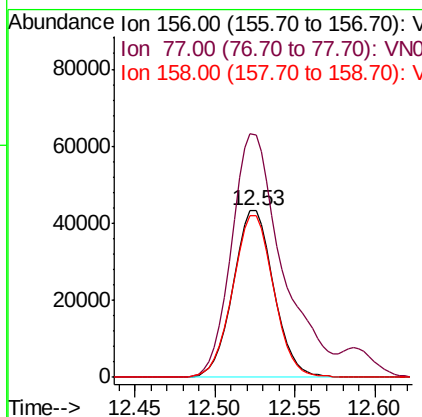
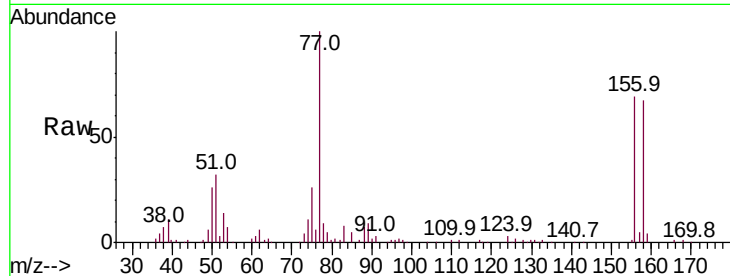
ClientSampleId :

VSTDICCC020

Tot Ion:	156	Resp:	75026
Ion Ratio	Lower	Upper	
156	100		
77	182.3	0.0	364.6
158	98.1	0.0	196.2

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7/25/2019 2:19:52 PM



#74

n-propylbenzene

Concen: 17.453 ug/l

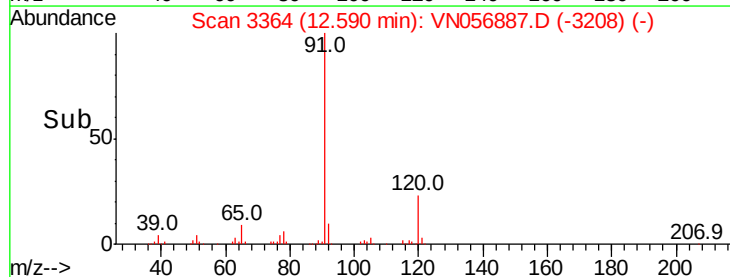
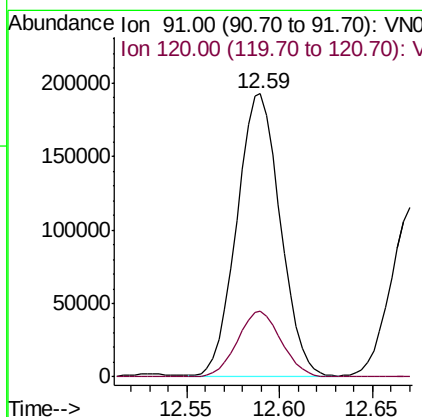
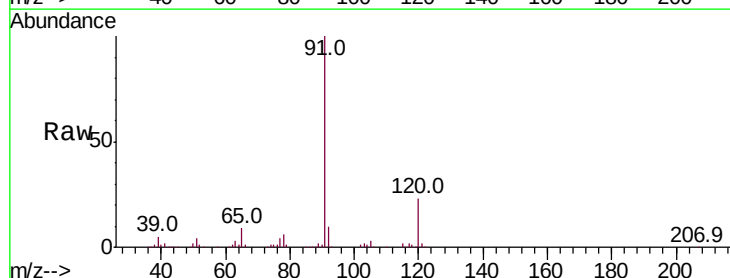
RT: 12.59 min Scan# 3364

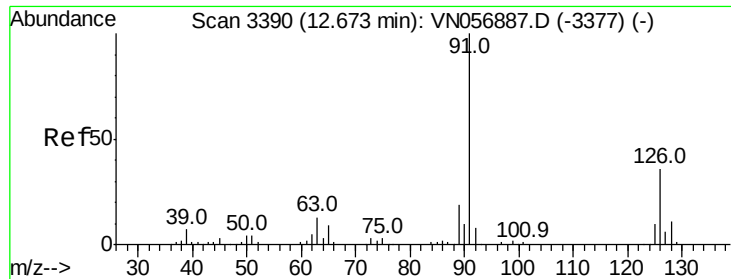
Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Tgt Ion:	91	Resp:	314500
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	46.4





#75

2-Chlorotoluene

Concen: 17.986 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 196608

Ion Ratio Lower Upper

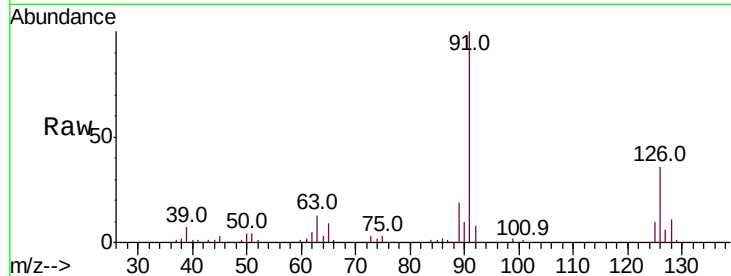
91 100

126 35.4 0.0 70.8

Manual Integrations
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7/25/2019 2:19:52 PM



Abundance Ion 91.00 (90.70 to 91.70): VN056887.D (-3377) (-)

Ion 126.00 (125.70 to 126.70): VN056887.D (-3377) (-)

150000

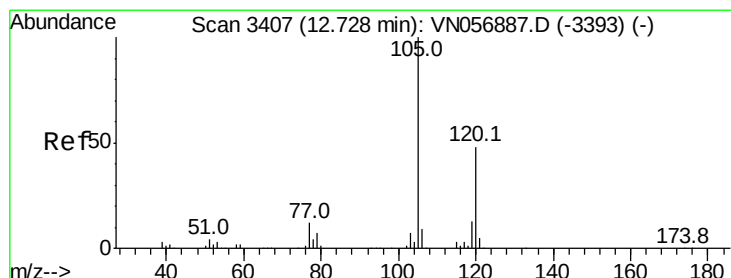
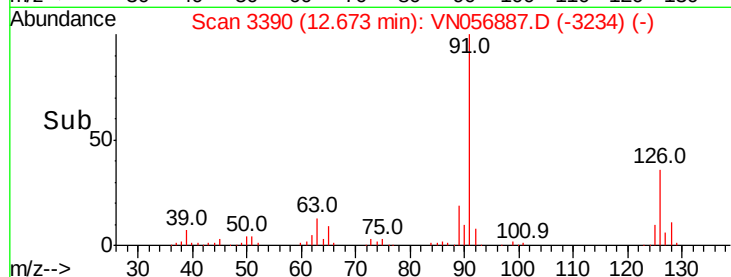
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.184 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN056887.D

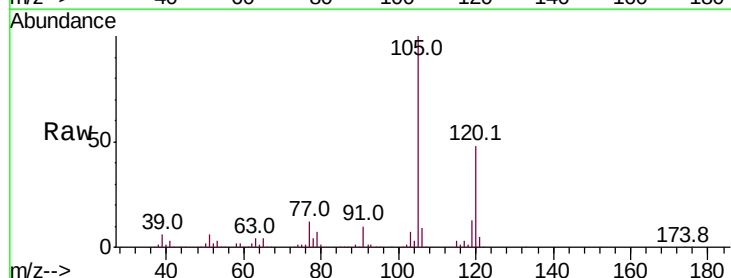
Acq: 23 Jul 2019 19:28

Tgt Ion: 105 Resp: 249246

Ion Ratio Lower Upper

105 100

120 48.6 0.0 97.2



Abundance Ion 105.00 (104.70 to 105.70): VN056887.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN056887.D (-3393) (-)

150000

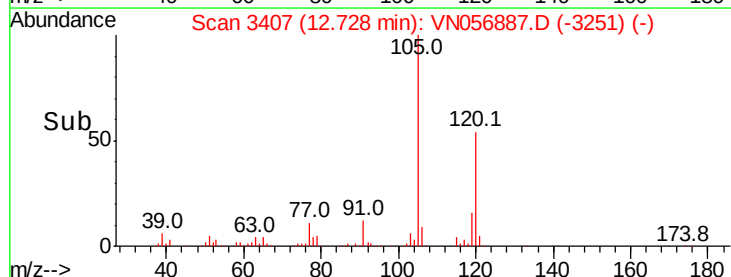
100000

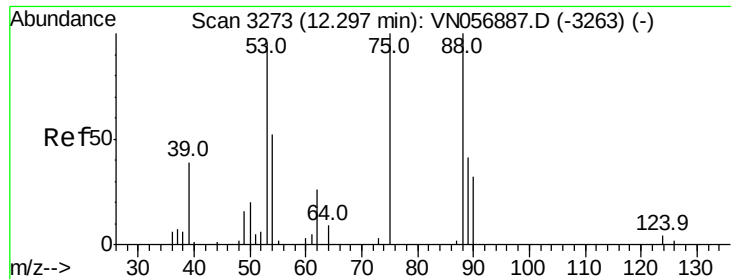
50000

0

12.65 12.70 12.75 12.80

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 14.325 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 75 Resp: 20893

Ion Ratio Lower Upper

75 100

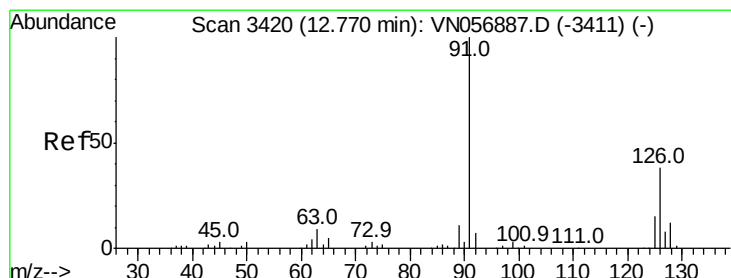
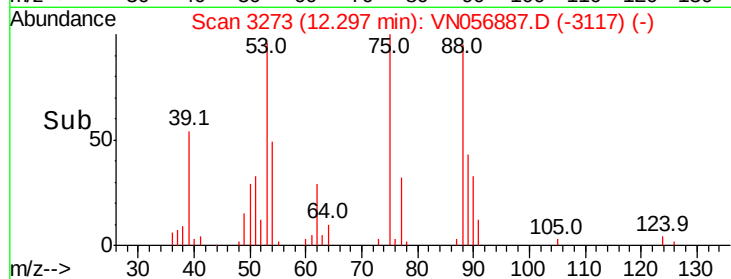
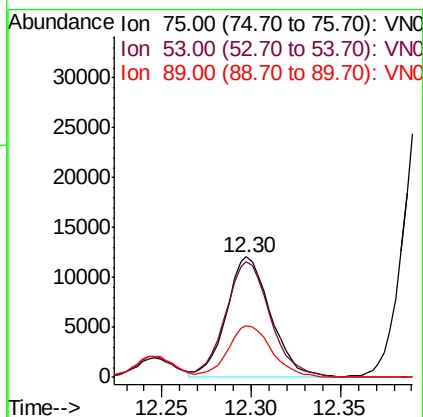
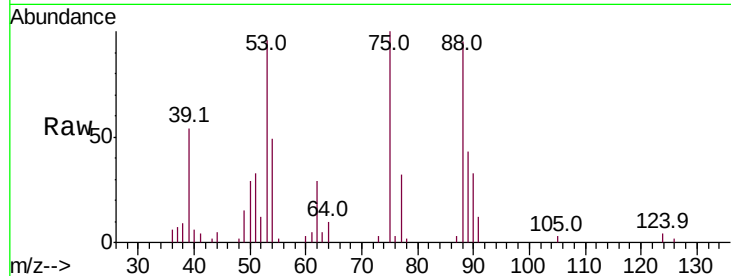
53 96.0 48.0 144.0

89 42.9 21.4 64.3

Manual Integrations
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#78

4-Chlorotoluene

Concen: 17.195 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN056887.D

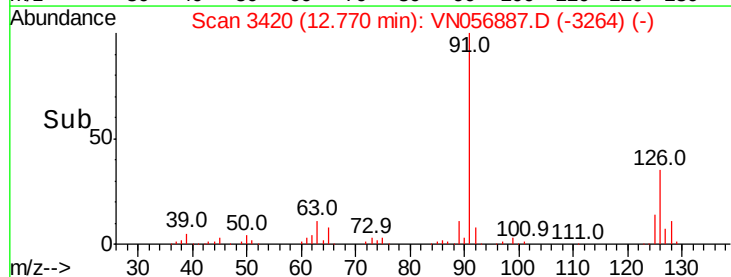
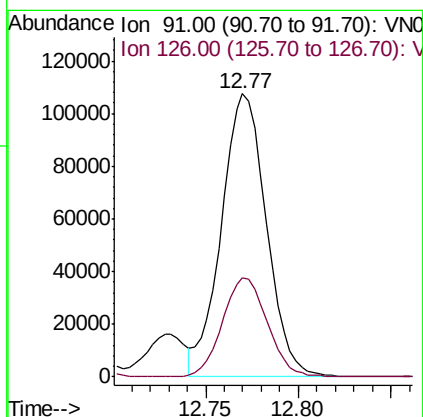
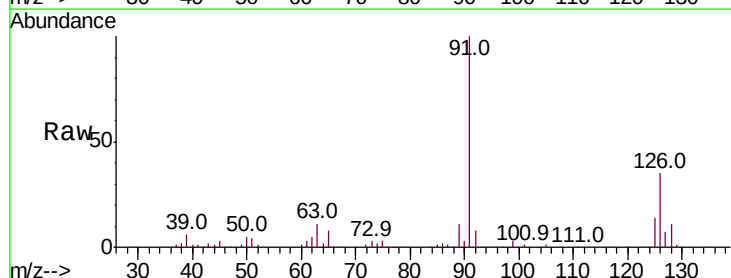
Acq: 23 Jul 2019 19:28

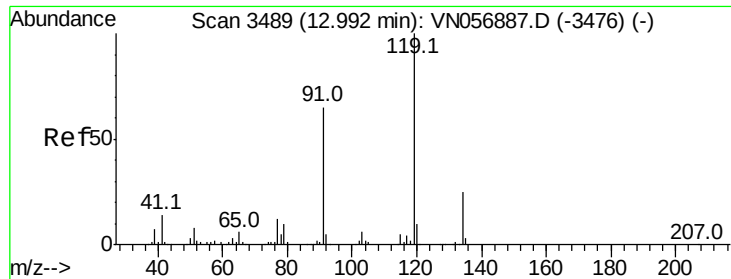
Tgt Ion: 91 Resp: 181266

Ion Ratio Lower Upper

91 100

126 34.8 0.0 69.6





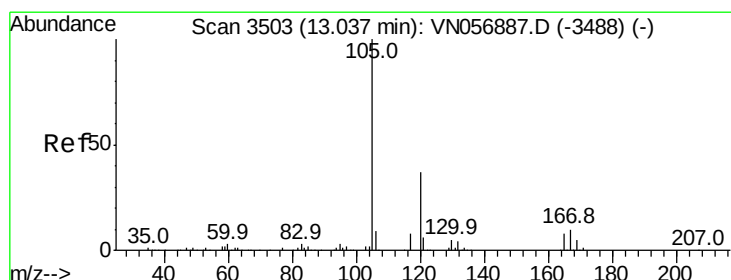
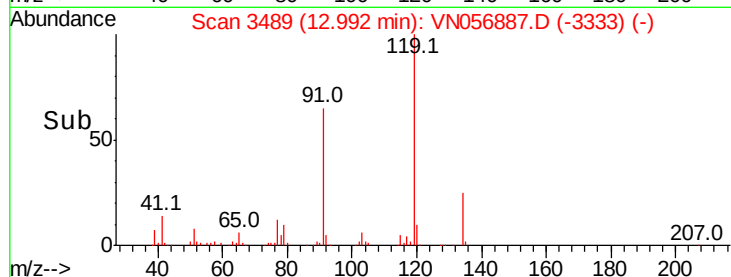
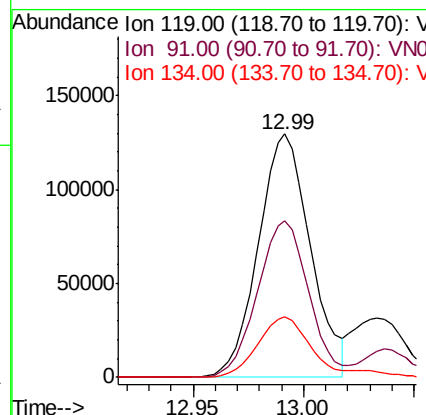
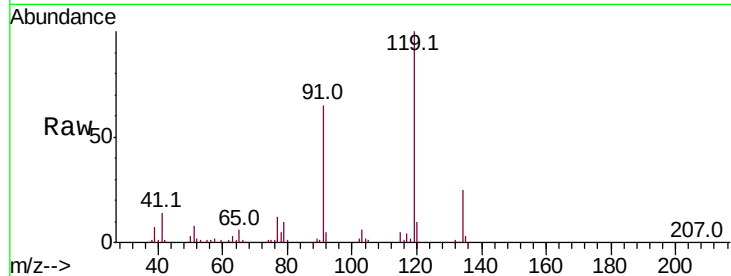
#79
tert-butylbenzene
Concen: 18.175 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	212900		
91	63.4	0.0	126.8	
134	24.4	0.0	48.8	

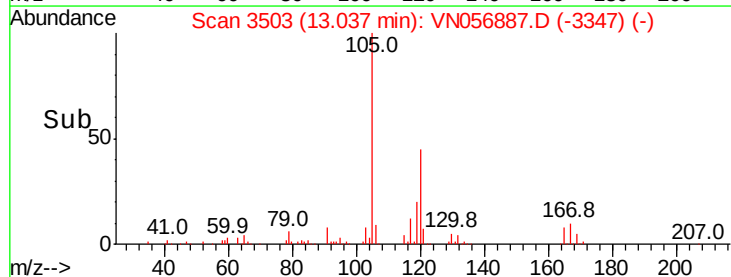
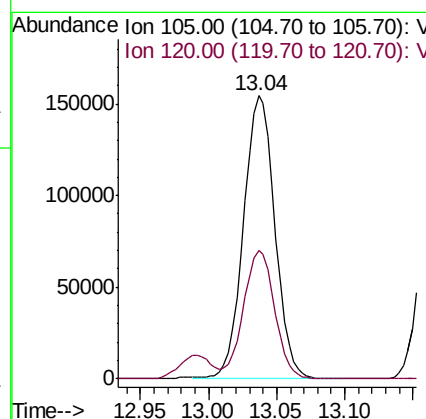
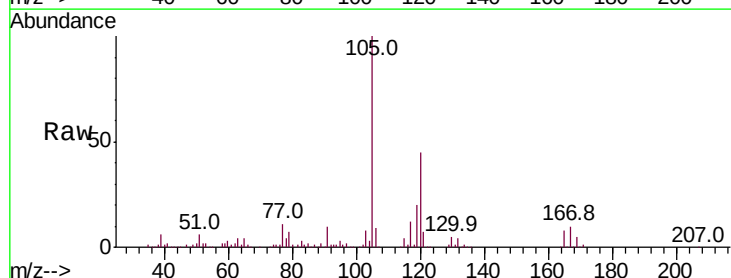
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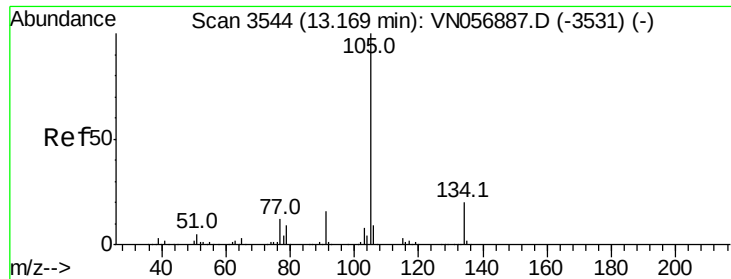
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 18.102 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246484		
120	45.3	0.0	90.6	





#81

sec-Butylbenzene

Concen: 17.894 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:105 Resp: 276165

Ion Ratio Lower Upper

105 100

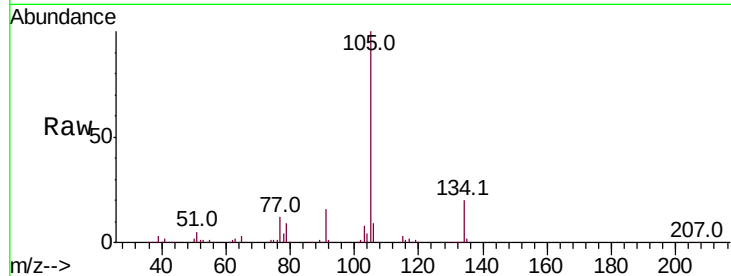
134 20.6 0.0 41.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

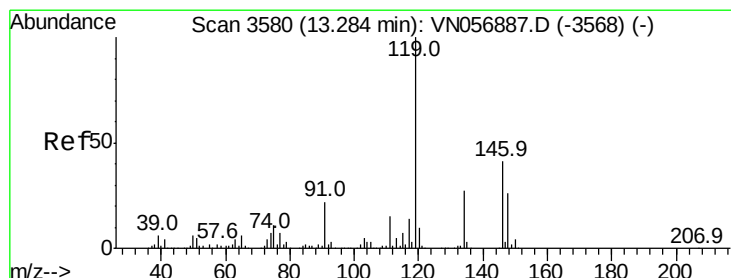
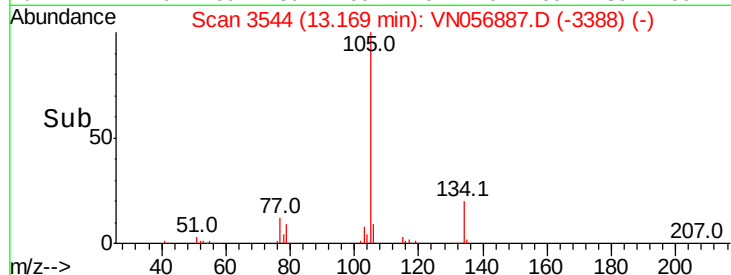
100000

50000

0

13.10 13.15 13.20 13.25

Time-->



#82

p-Isopropyltoluene

Concen: 17.741 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

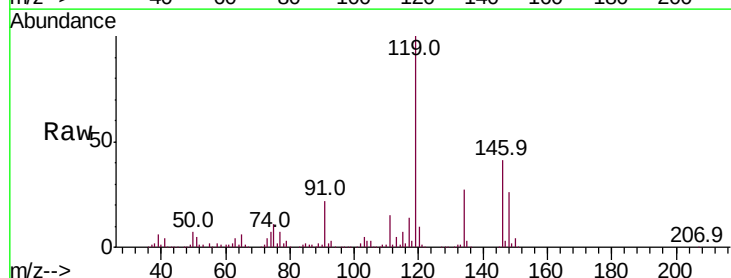
Tgt Ion:119 Resp: 248201

Ion Ratio Lower Upper

119 100

134 26.6 0.0 53.2

91 22.0 0.0 44.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

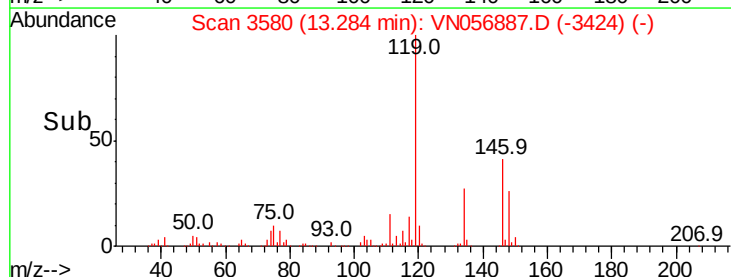
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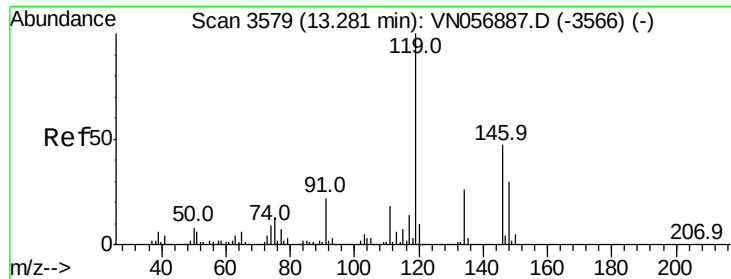
50000

0

13.20 13.25 13.30 13.35

Time-->





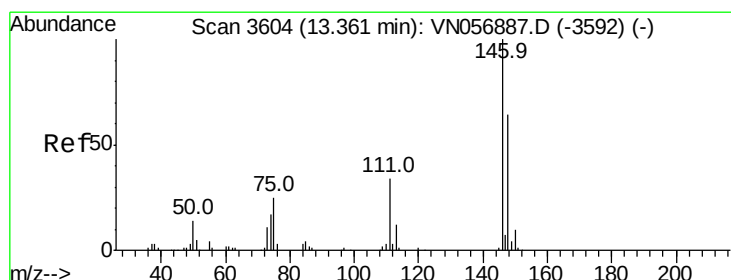
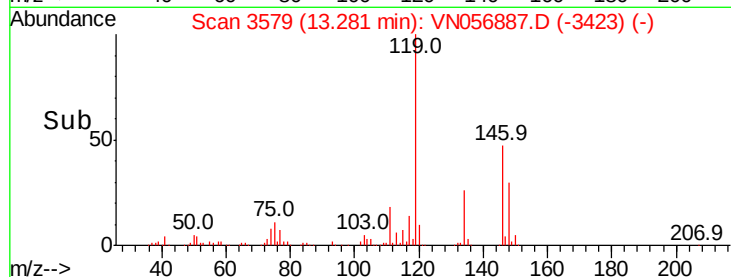
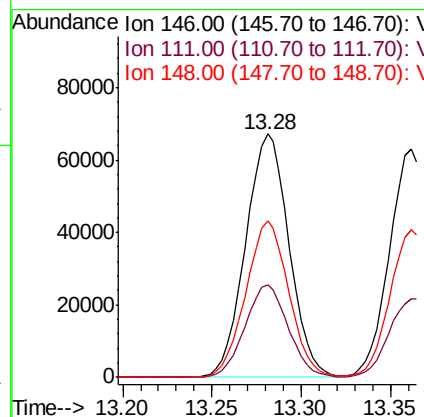
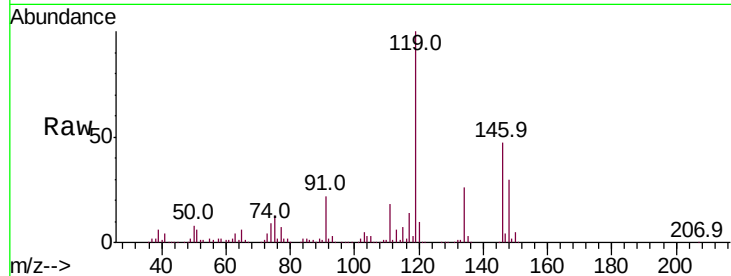
#83
 1,3-Dichlorobenzene
 Concen: 16.507 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	63.4	31.7	95.1

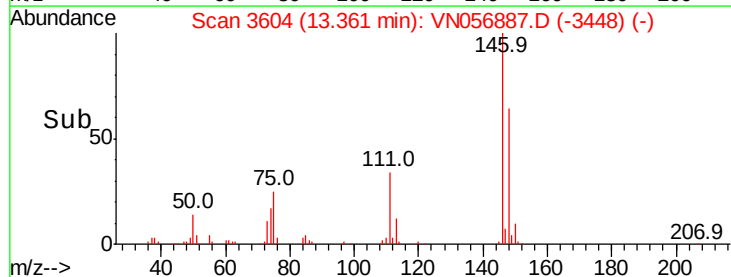
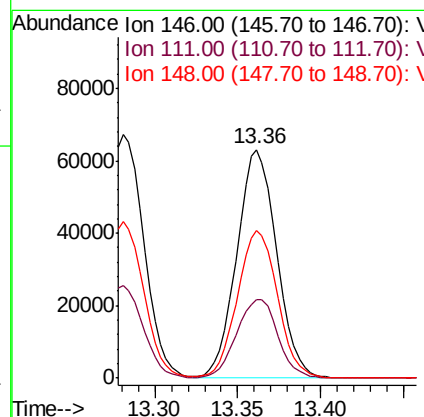
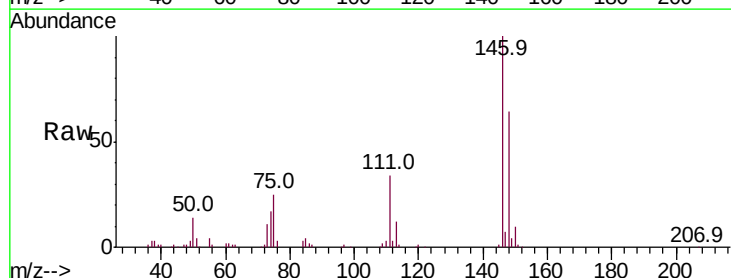
Manual Integrations
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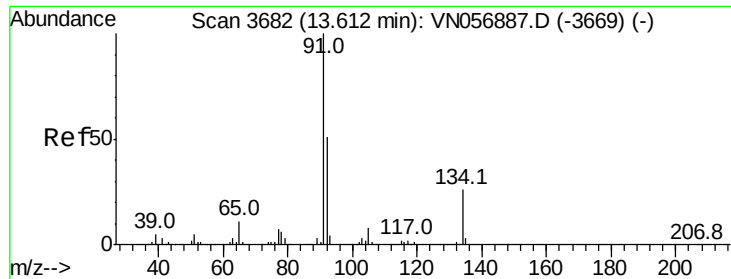
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 15.936 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.8	53.5
148	65.1	32.6	97.7





#85

n-Butylbenzene

Concen: 16.256 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Instrument :

MSVOA_N

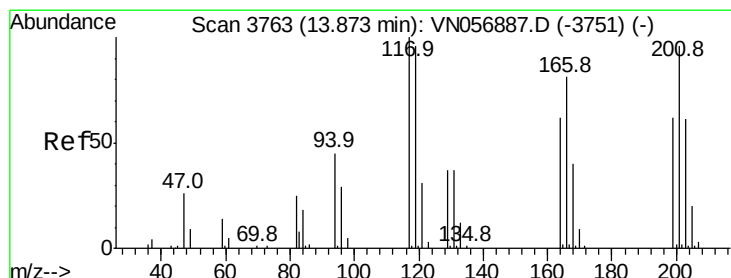
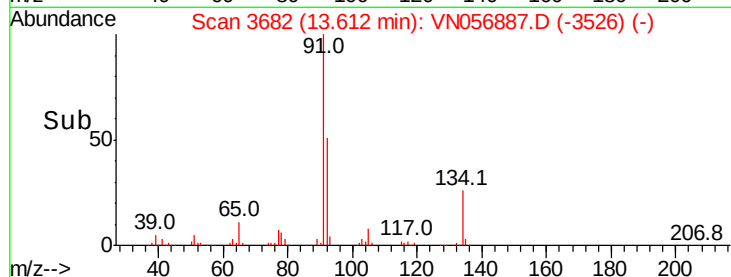
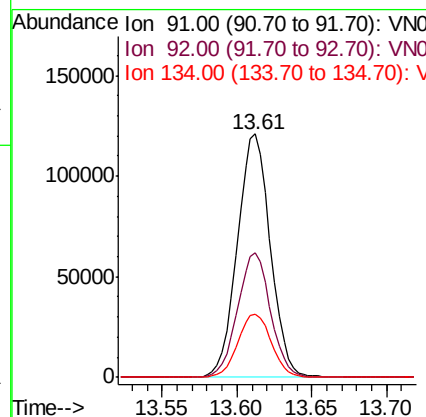
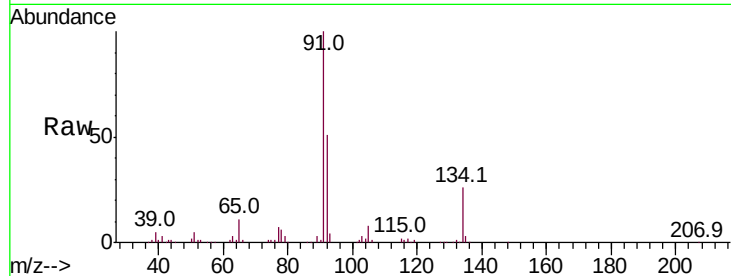
ClientSampleId :

VSTDICCC020

Tot Ion:	91	Resp:	185797
Ion Ratio	Lower	Upper	
91	100		
92	50.9	0.0	101.8
134	26.2	0.0	52.4

Manual Integrations
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#86

Hexachloroethane

Concen: 18.206 ug/l

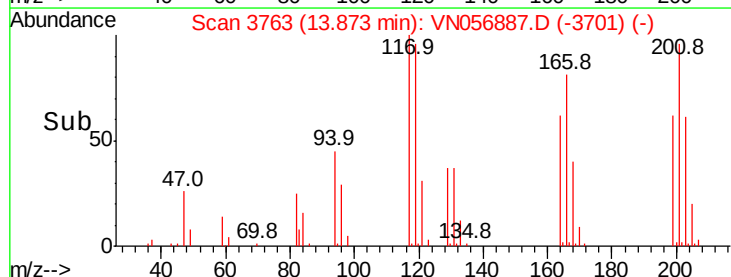
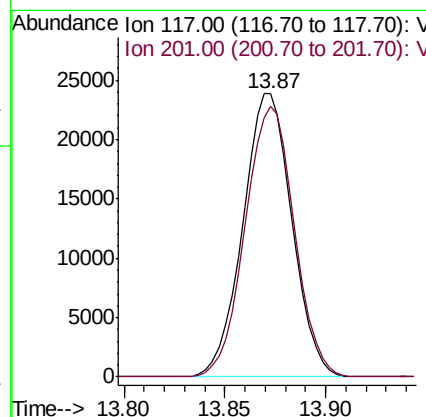
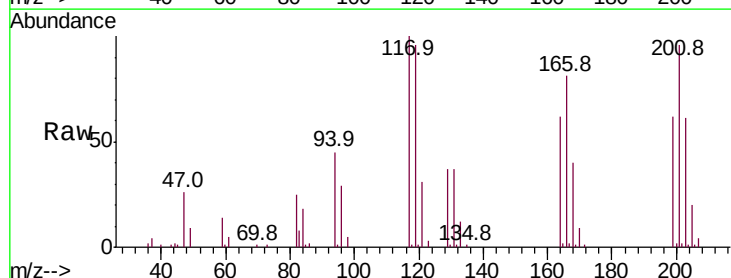
RT: 13.87 min Scan# 3763

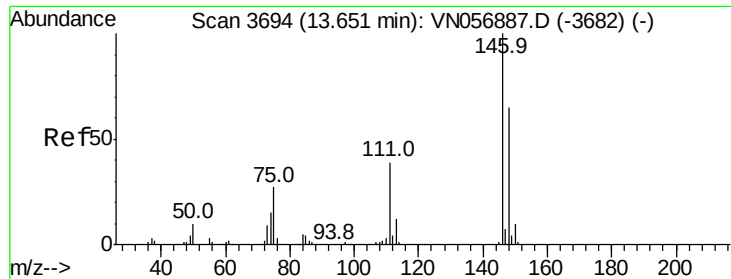
Delta R.T. 0.00 min

Lab File: VN056887.D

Acq: 23 Jul 2019 19:28

Tgt Ion:	117	Resp:	40678
Ion Ratio	Lower	Upper	
117	100		
201	95.5	47.8	143.3





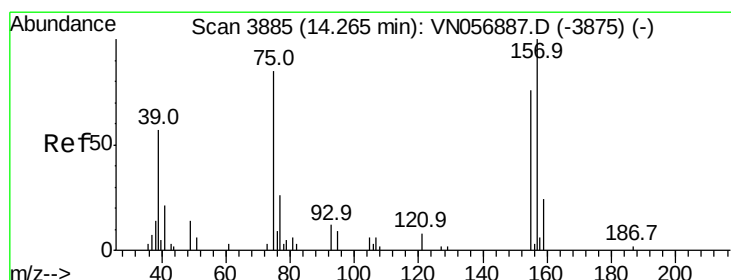
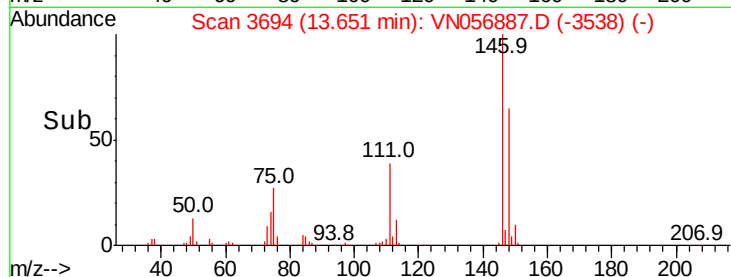
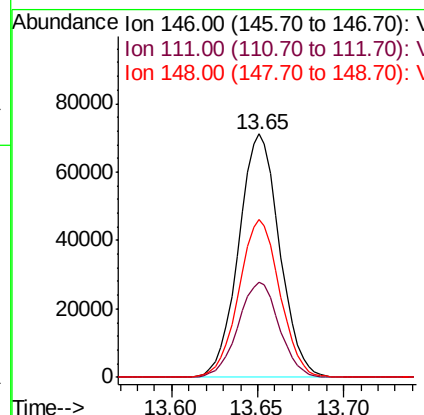
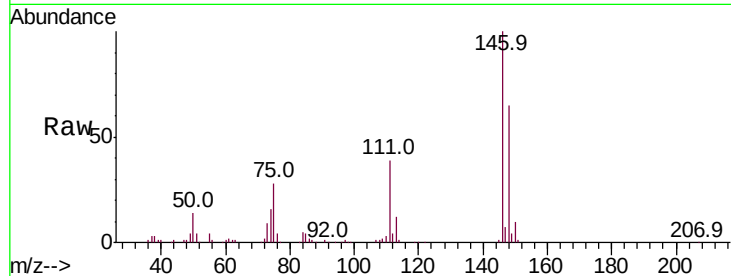
#87
 1,2-Dichlorobenzene
 Concen: 16.807 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	65.0	32.5	97.5

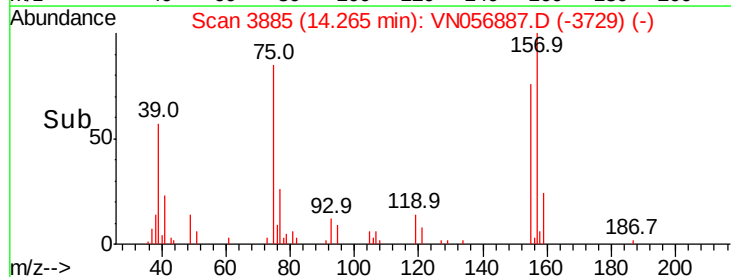
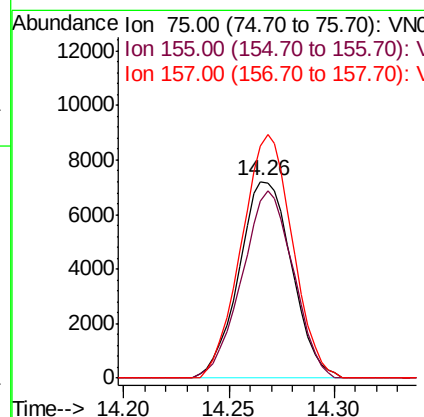
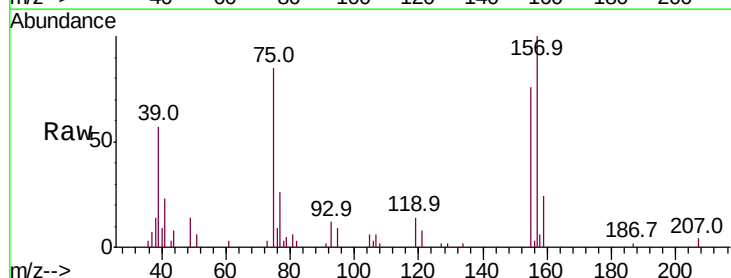
Manual Integrations
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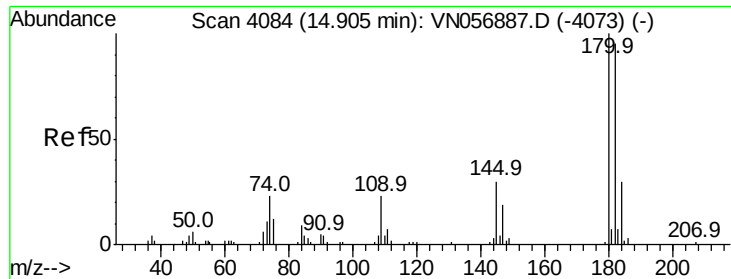
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 14.363 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN056887.D
 Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.8	73.4	110.2
157	118.8	95.0	142.6





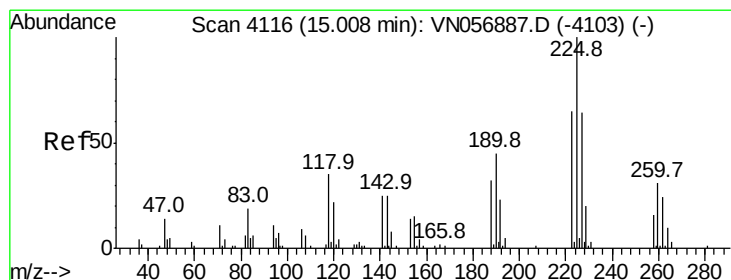
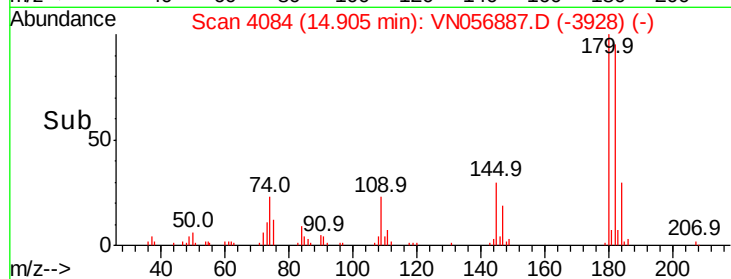
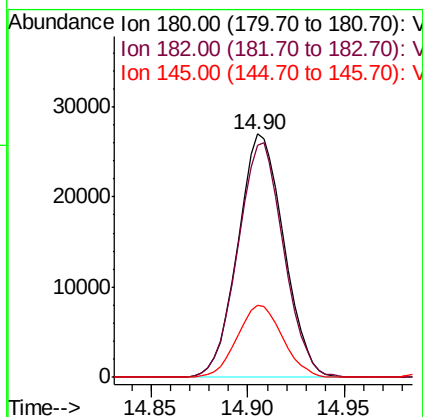
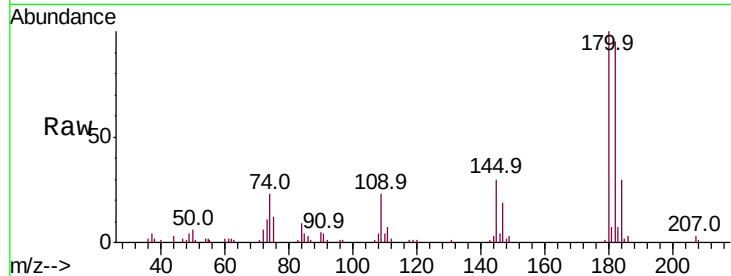
#89
1,2,4-Trichlorobenzene
Concen: 12.202 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
145	29.4	23.5	35.3

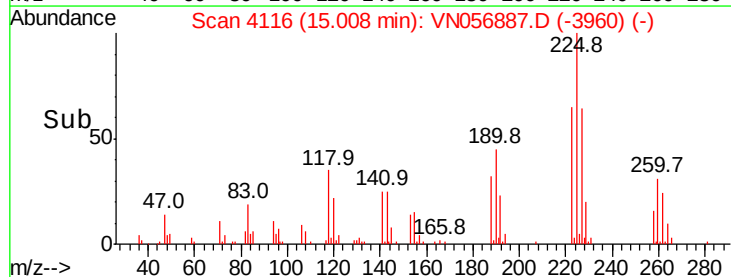
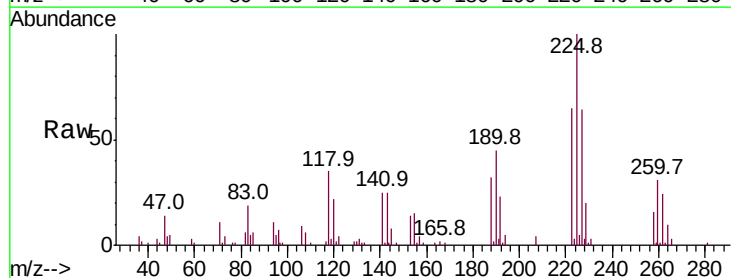
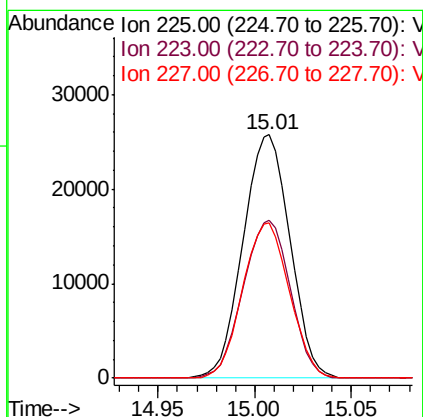
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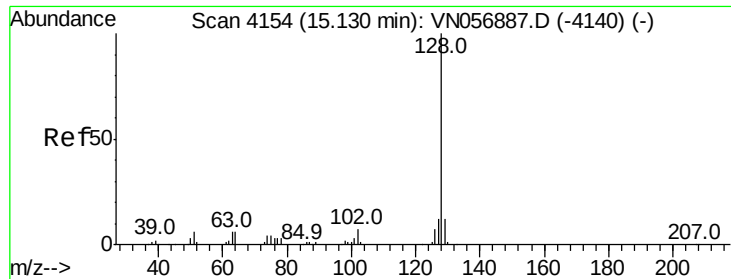
MMDadoda
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#90
Hexachlorobutadiene
Concen: 17.759 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	0.0	130.0
227	63.6	0.0	127.2





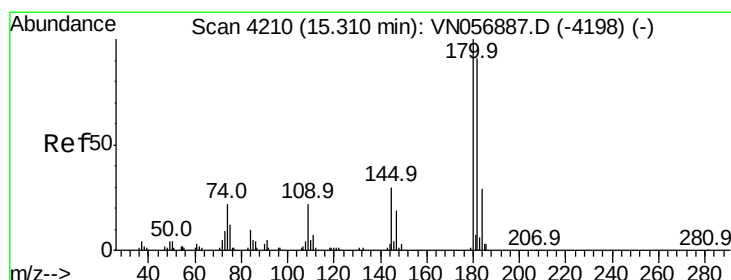
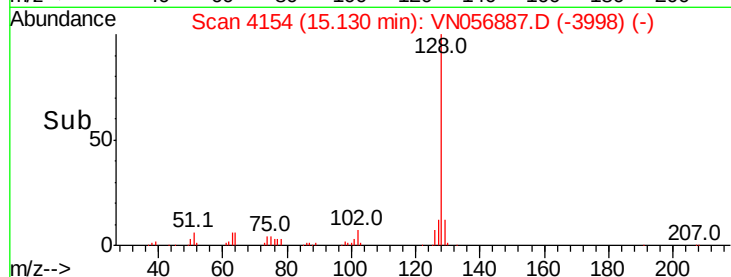
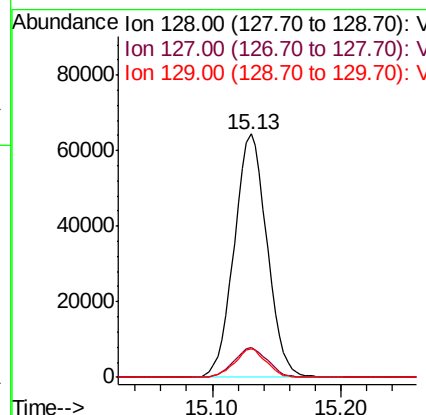
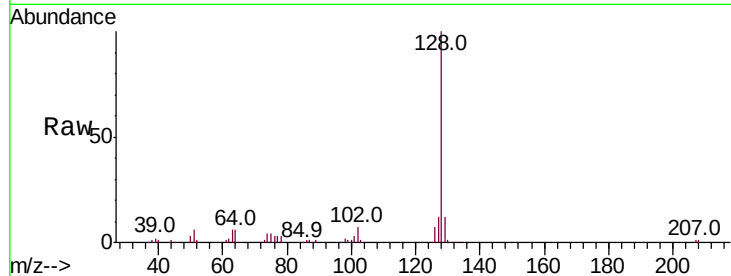
#91
Naphthalene
Concen: 11.489 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.0	15.0
129	11.1	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 13.582 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN056887.D
Acq: 23 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	0.0	188.0
145	30.5	0.0	61.0

