

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056850.D
 Acq On : 22 Jul 2019 11:09
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:01:03 PM

Quant Time: Jul 23 01:46:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:05:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	320522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	489099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	397139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	2670	0.828	ug/l	85
3) Chloromethane	2.06	50	4815	1.145	ug/l	96
4) Vinyl Chloride	2.18	62	3956	0.984	ug/l	98
6) Chloroethane	2.70	64	2374	1.029	ug/l #	88
7) Trichlorofluoromethane	3.01	101	5176	1.019	ug/l	99
8) Diethyl Ether	3.40	74	1901	0.977	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	3272m	1.070	ug/l	
12) 1,1-Dichloroethene	3.73	96	3242	1.057	ug/l	82
14) Allyl chloride	4.31	41	5235	0.999	ug/l	91
15) Acrylonitrile	5.00	53	7000	4.157	ug/l	97
16) Acetone	3.82	43	7778	4.957	ug/l	90
17) Carbon Disulfide	4.04	76	8955	1.097	ug/l	97
18) Methyl Acetate	4.33	43	8379	1.867	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	9438	0.978	ug/l	98
20) Methylene Chloride	4.54	84	4122	1.137	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	3236	1.002	ug/l	86
22) Diisopropyl ether	5.96	45	10380	0.998	ug/l	93
23) Vinyl Acetate	5.90	43	35165	4.266	ug/l	100
24) 1,1-Dichloroethane	5.85	63	6237	1.034	ug/l #	83
25) 2-Butanone	6.86	43	8906	3.848	ug/l	100
26) 2,2-Dichloropropane	6.82	77	4399	1.022	ug/l	84
27) cis-1,2-Dichloroethene	6.83	96	3663	0.989	ug/l	96
28) Bromochloromethane	7.20	49	2734	0.971	ug/l #	56
29) Tetrahydrofuran	7.22	42	6175	4.061	ug/l #	80
30) Chloroform	7.37	83	6746	1.116	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	4766	0.996	ug/l #	38
36) 1,1-Dichloropropene	7.79	75	4429	0.965	ug/l	95
37) Ethyl Acetate	6.94	43	3061	0.700	ug/l #	80
38) Carbon Tetrachloride	7.78	117	4211	0.979	ug/l	91
39) Methylcyclohexane	9.08	83	5645	0.997	ug/l	98
40) Benzene	8.04	78	14239	1.013	ug/l	96
41) Methacrylonitrile	7.17	41	1676	0.862	ug/l #	73
42) 1,2-Dichloroethane	8.13	62	4459	1.007	ug/l	91
43) Isopropyl Acetate	8.17	43	6300	0.910	ug/l #	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	3814	0.998	ug/l	91
45) 1,2-Dichloropropane	9.12	63	4049	1.087	ug/l #	86
46) Dibromomethane	9.21	93	2498	1.085	ug/l	88
47) Bromodichloromethane	9.40	83	4277	0.975	ug/l	91
48) Methyl methacrylate	9.20	41	3148	0.935	ug/l #	82
49) 1,4-Dioxane	9.20	88	1126	16.189	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	17792	4.001	ug/l	97
52) Toluene	10.16	92	7885	0.943	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	3944	0.865	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	4739	0.893	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	3370	0.970	ug/l	93
56) Ethyl methacrylate	10.43	69	3893	0.788	ug/l	90
57) 1,3-Dichloropropane	10.71	76	5425	0.955	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	6796	2.920	ug/l	97
59) 2-Hexanone	10.75	43	11920	3.772	ug/l	91
60) Dibromochloromethane	10.90	129	2843	0.831	ug/l	91
61) 1,2-Dibromoethane	11.00	107	2838	0.821	ug/l	85
64) Tetrachloroethene	10.63	164	3694	1.063	ug/l	88
65) Chlorobenzene	11.43	112	8377	1.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	3276	1.082	ug/l #	64
67) Ethyl Benzene	11.51	91	13521	0.937	ug/l	91
68) m/p-Xylenes	11.62	106	10085	1.870	ug/l	93
69) o-Xylene	11.95	106	5112	0.964	ug/l	99
70) Styrene	11.96	104	6371	0.744	ug/l	93
71) Bromoform	12.12	173	1867	0.823	ug/l #	85
73) Isopropylbenzene	12.25	105	12573	1.363	ug/l	100
74) N-amyl acetate	12.07	43	4258	1.268	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.50	83	4099	1.347	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	2645m	1.083	ug/l	
77) Bromobenzene	12.53	156	2733	1.134	ug/l	73
78) n-propylbenzene	12.59	91	11976	1.176	ug/l	97
79) 2-Chlorotoluene	12.67	91	8445	1.340	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	10243	1.314	ug/l	96
82) 4-Chlorotoluene	12.77	91	7373	1.232	ug/l	99
83) tert-Butylbenzene	12.99	119	9317	1.370	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	9029	1.188	ug/l	95
85) sec-Butylbenzene	13.17	105	11122	1.282	ug/l	100
86) p-Isopropyltoluene	13.28	119	9339	1.190	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	4409	1.125	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	4249m	1.115	ug/l	
89) n-Butylbenzene	13.61	91	6198	0.987	ug/l	97
90) Hexachloroethane	13.87	117	1768	1.383	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	4640	1.159	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.26	75	503	1.056	ug/l	71
93) 1,2,4-Trichlorobenzene	14.90	180	1172	0.650	ug/l #	70
94) Hexachlorobutadiene	15.01	225	2223	1.541	ug/l	94
95) Naphthalene	15.13	128	3656	0.759	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	1529	0.811	ug/l	88

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MSVOA_N
ClientSampleId :
VSTDICC001

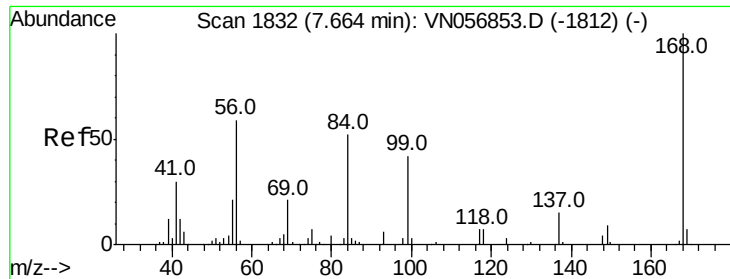
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 320522

Ion Ratio Lower Upper

168 100

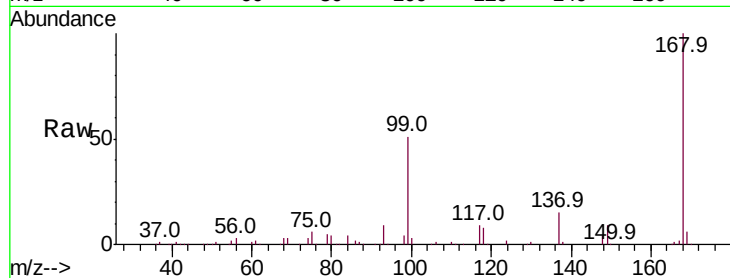
99 50.9 40.9 61.3

Manual Integrations

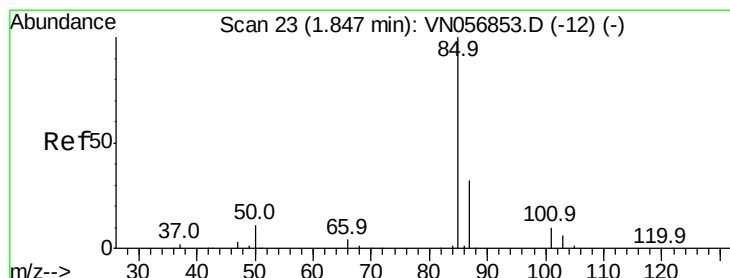
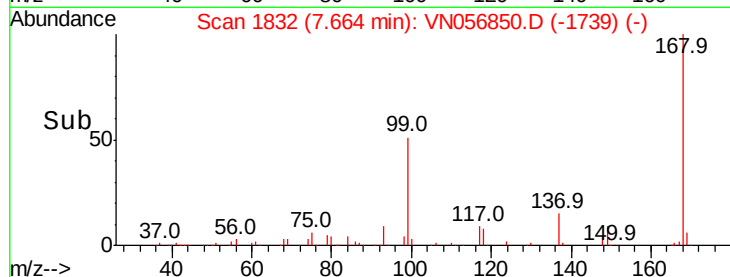
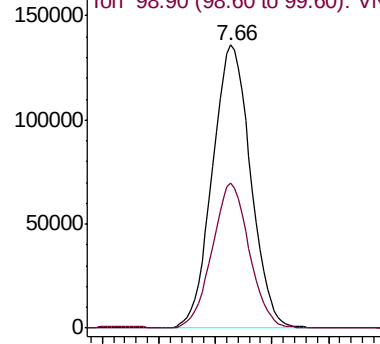
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Abundance Ion 167.90 (167.60 to 168.60): VN056850.D (-1739) (-)



#2

Dichlorodifluoromethane

Concen: 0.828 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056850.D

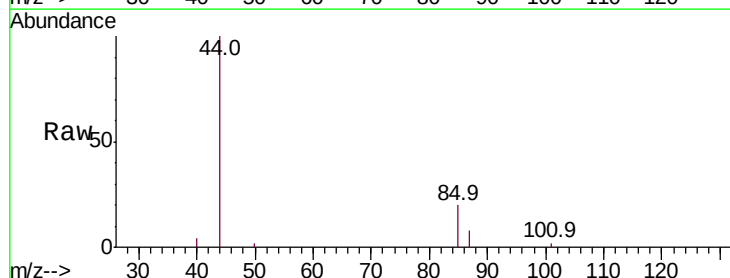
Acq: 22 Jul 2019 11:09

Tgt Ion: 85 Resp: 2670

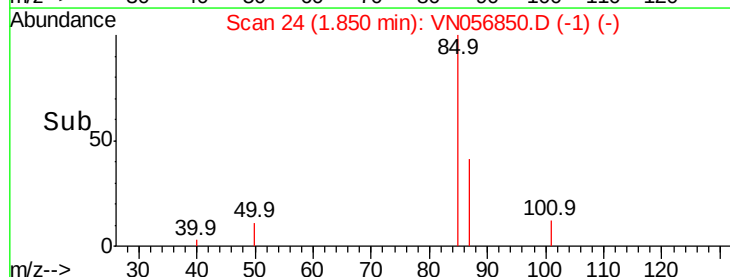
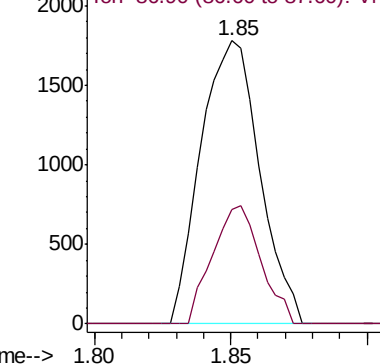
Ion Ratio Lower Upper

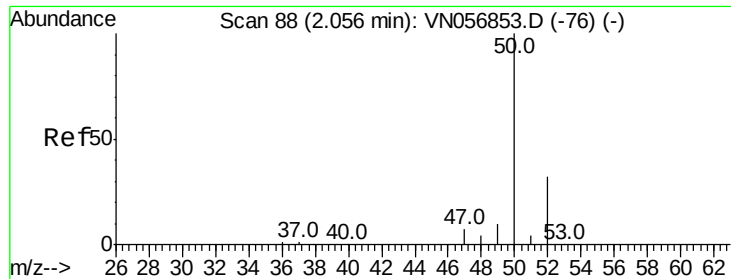
85 100

87 40.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056850.D (-1) (-)





#3

Chloromethane

Concen: 1.145 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4815

Ion Ratio Lower Upper

50 100

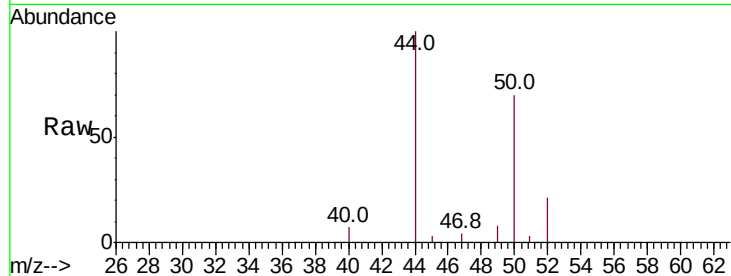
52 30.0 25.9 38.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN056850.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN056850.D (-1) (-)

2.06

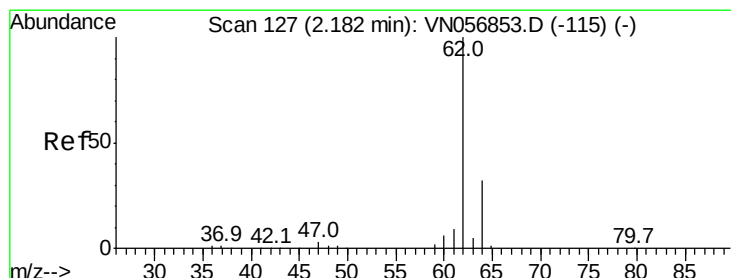
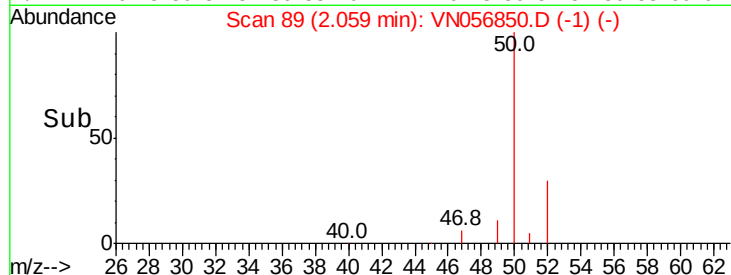
3000

2000

1000

0

Time-->



#4

Vinyl Chloride

Concen: 0.984 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056850.D

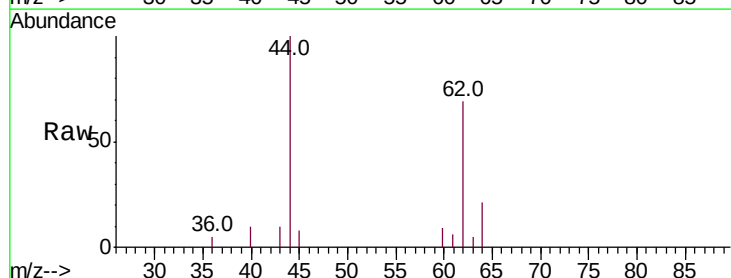
Acq: 22 Jul 2019 11:09

Tgt Ion: 62 Resp: 3956

Ion Ratio Lower Upper

62 100

64 30.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN056850.D (-34) (-)

Ion 63.90 (63.60 to 64.60): VN056850.D (-34) (-)

2.18

3000

2500

2000

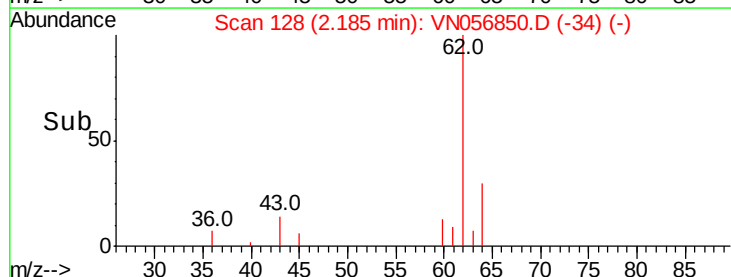
1500

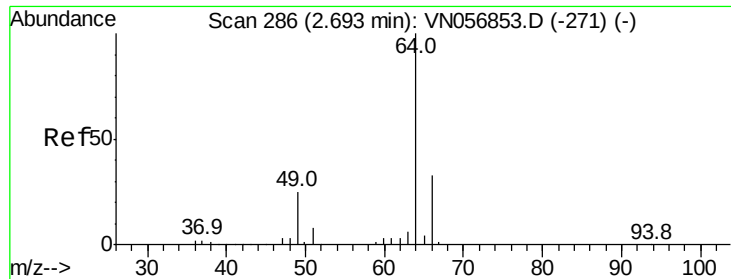
1000

500

0

Time-->





#6

Chloroethane

Concen: 1.029 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2374

Ion Ratio Lower Upper

64 100

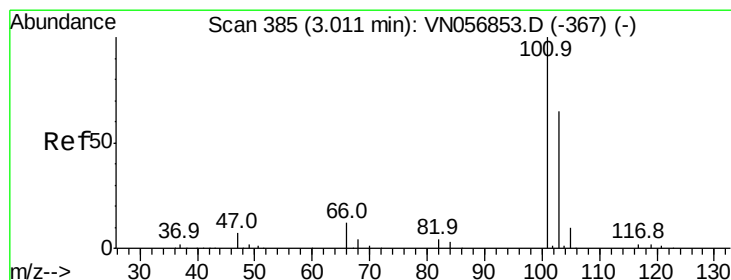
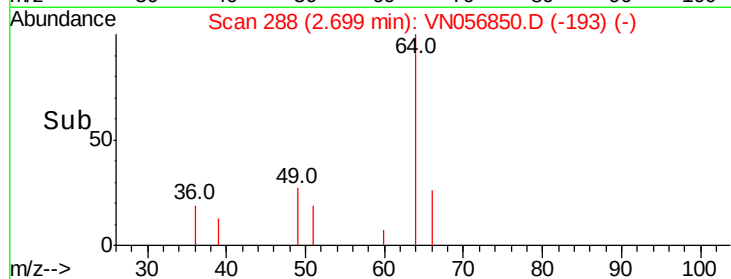
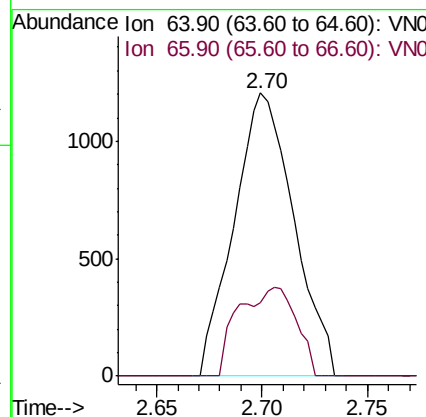
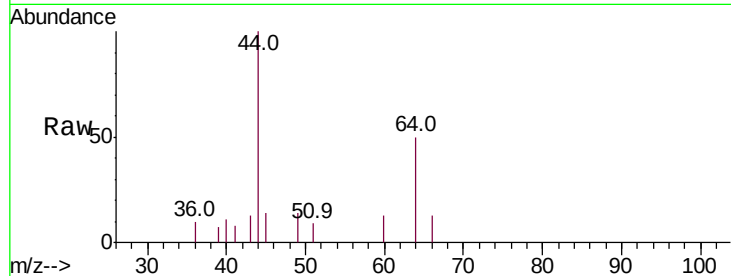
66 26.1 26.4 39.6#

Manual Integrations

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7/25/2019 3:01:03 PM



#7

Trichlorofluoromethane

Concen: 1.019 ug/l

RT: 3.01 min Scan# 385

Delta R.T. -0.00 min

Lab File: VN056850.D

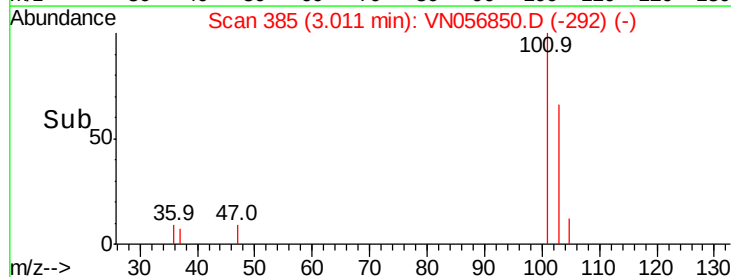
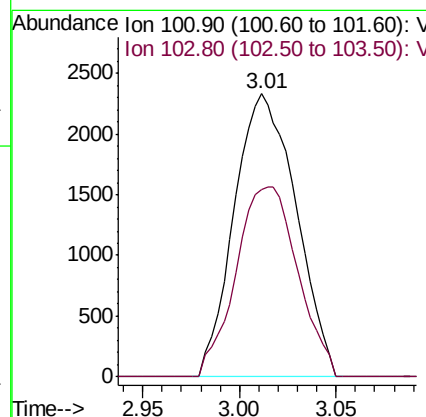
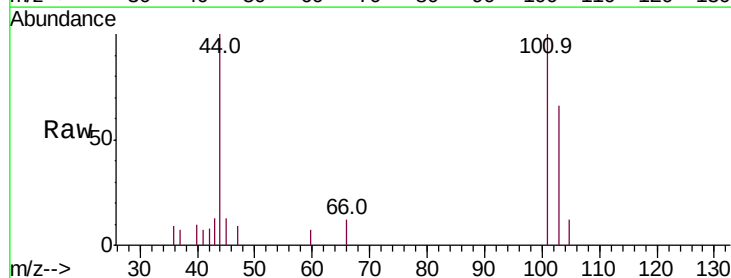
Acq: 22 Jul 2019 11:09

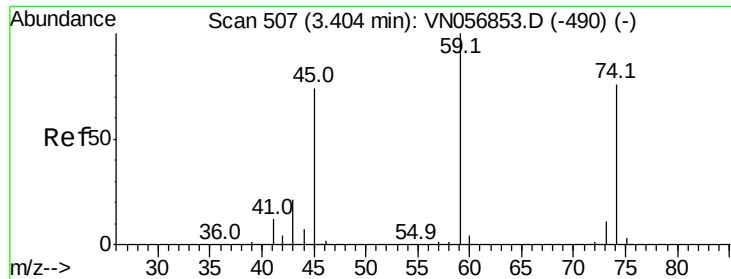
Tgt Ion: 101 Resp: 5176

Ion Ratio Lower Upper

101 100

103 66.3 52.3 78.5





#8

Diethyl Ether

Concen: 0.977 ug/l

RT: 3.40 min Scan# 507

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1901

Ion Ratio Lower Upper

74 100

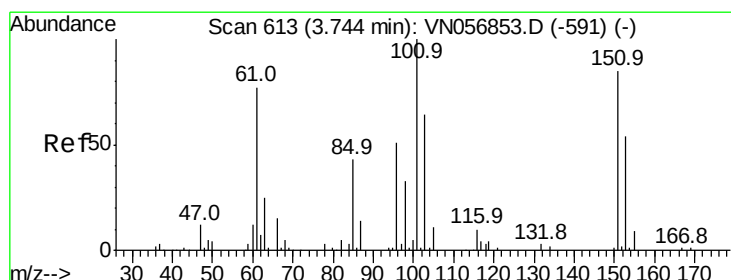
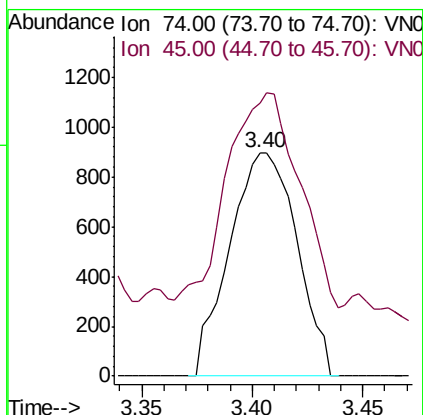
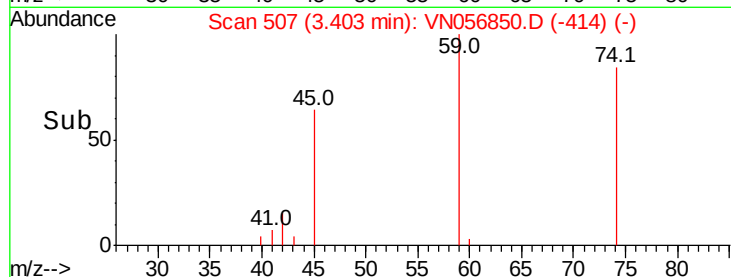
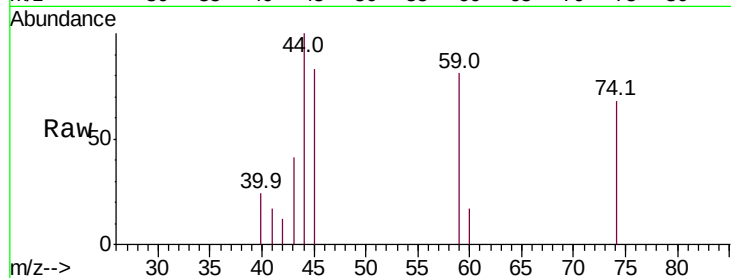
45 99.7 49.2 147.6

Manual Integrations

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7/25/2019 3:01:03 PM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.070 ug/l m

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

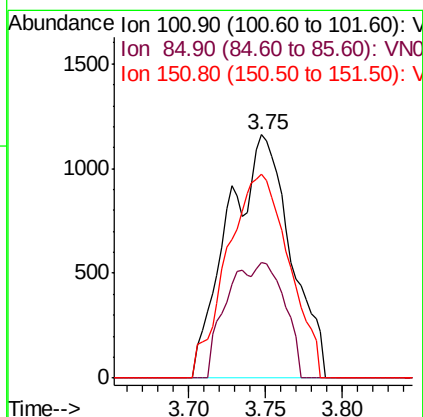
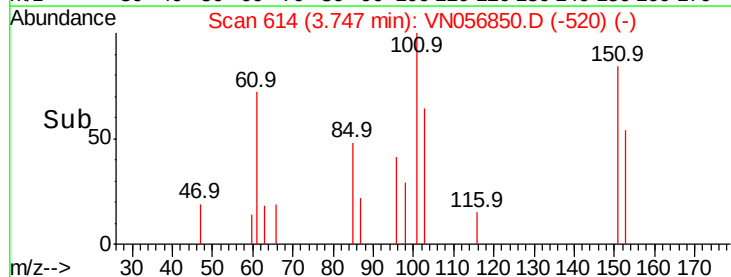
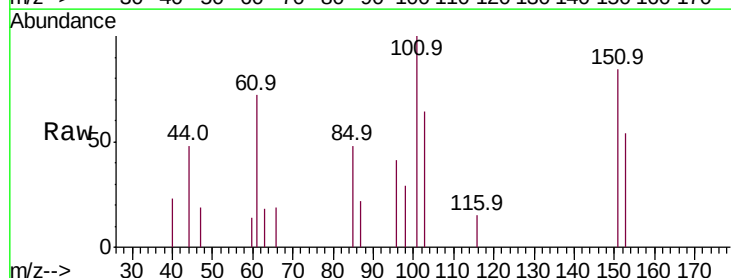
Tgt Ion: 101 Resp: 3272

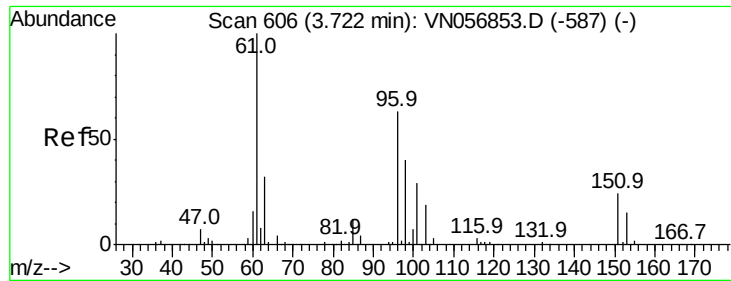
Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

151 82.9 68.1 102.1





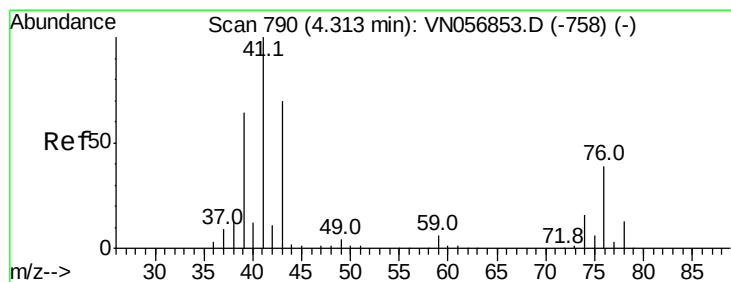
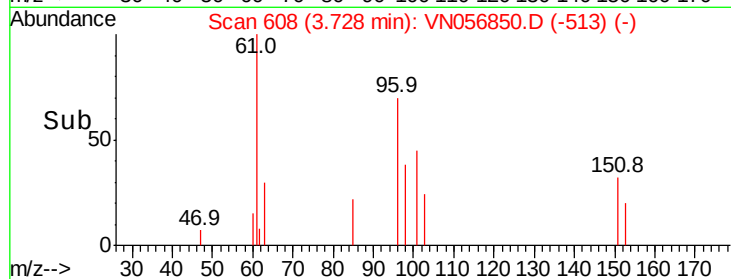
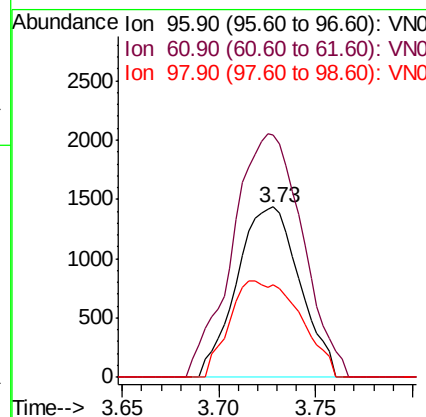
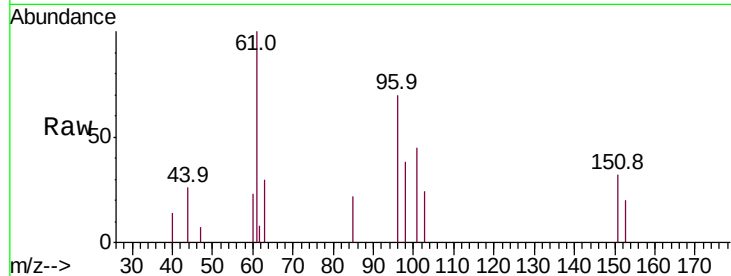
#12
 1,1-Dichloroethene
 Concen: 1.057 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	126.3	189.5
98	54.1	51.0	76.4

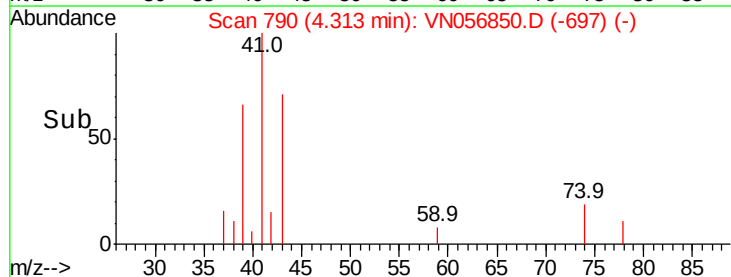
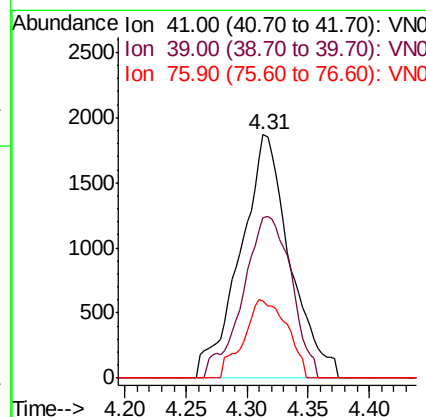
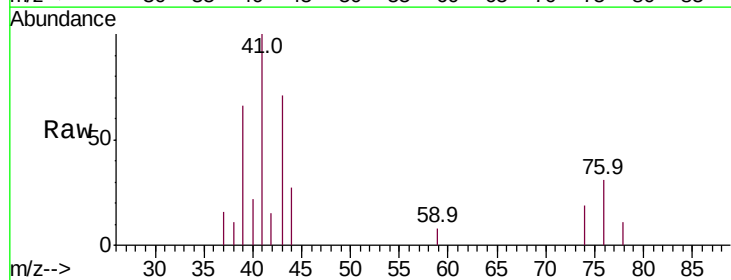
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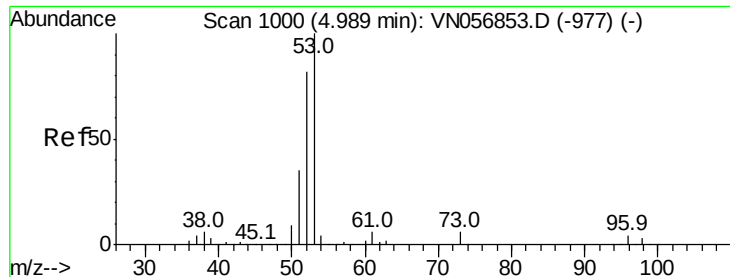
MMDadoda
 7/25/2019 3:01:03 PM



#14
 Allyl chloride
 Concen: 0.999 ug/l
 RT: 4.31 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.5	47.8	71.6
76	28.4	27.9	41.9





#15

Acrylonitrile

Concen: 4.157 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

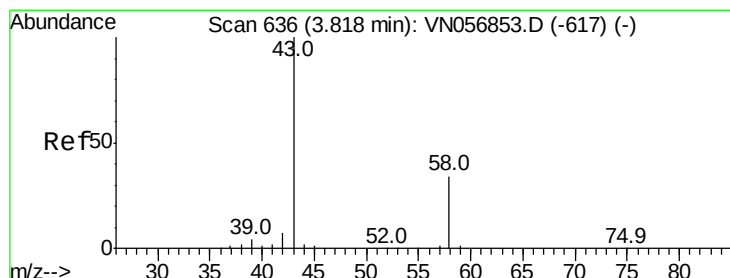
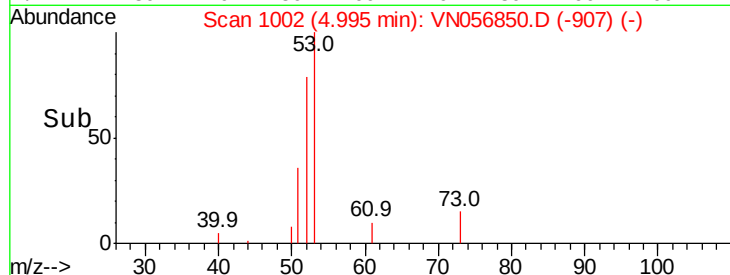
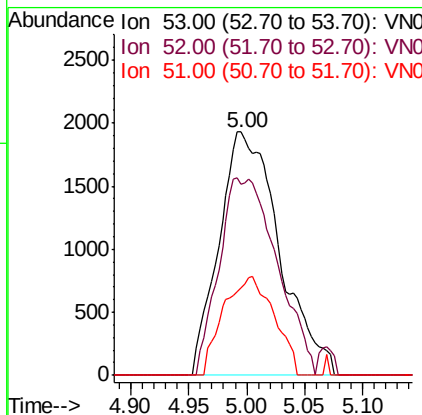
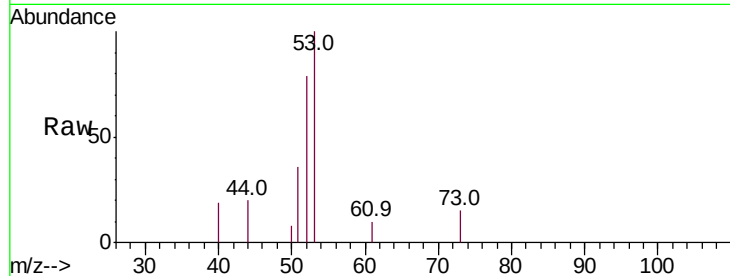
ClientSampled :

VSTDIC001

Tot Ion:	53	Resp:	7000
Ion	Ratio	Lower	Upper
53	100		
52	77.8	65.0	97.6
51	34.0	28.2	42.2

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#16

Acetone

Concen: 4.957 ug/l

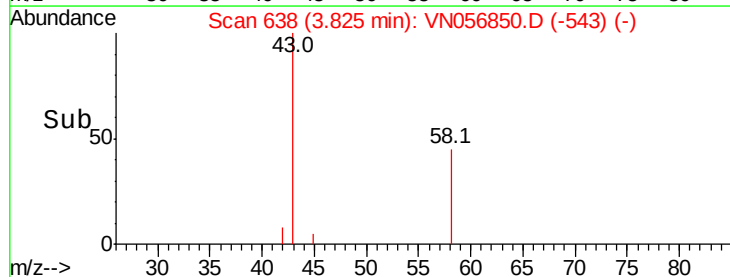
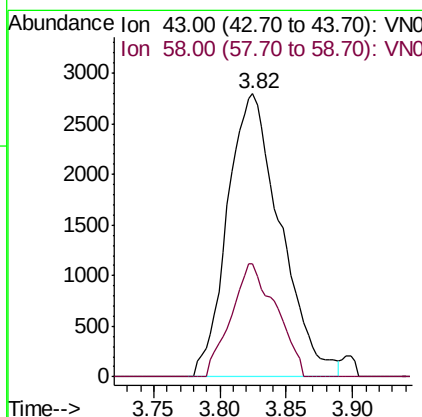
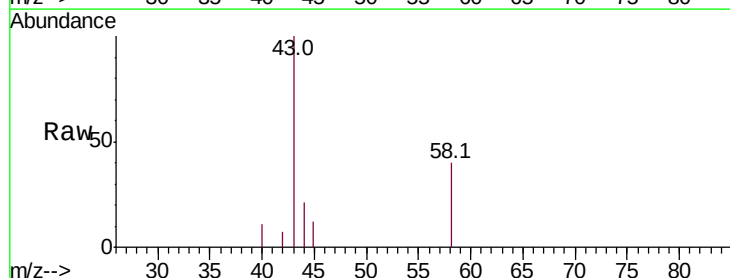
RT: 3.82 min Scan# 638

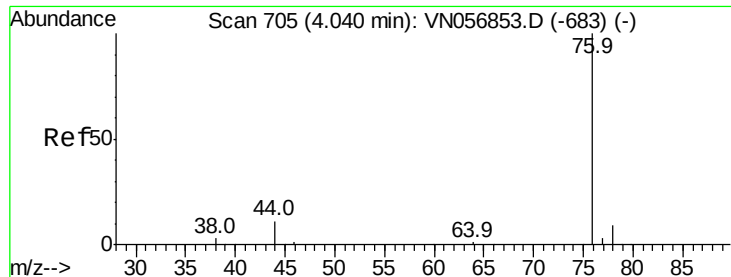
Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Tgt Ion:	43	Resp:	7778
Ion	Ratio	Lower	Upper
43	100		
58	40.1	27.3	40.9





#17

Carbon Disulfide

Concen: 1.097 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 8955

Ion Ratio Lower Upper

76 100

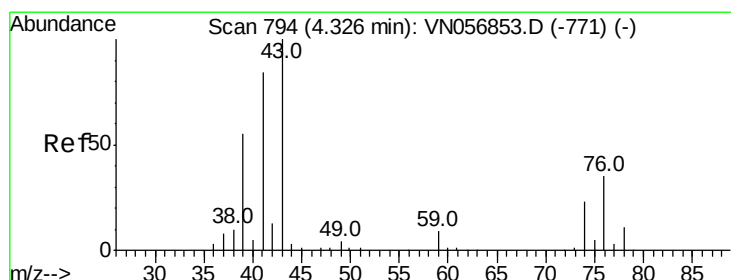
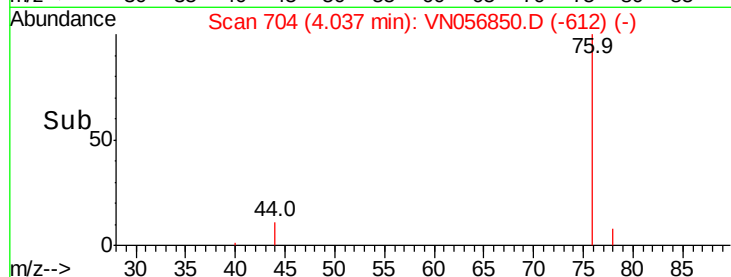
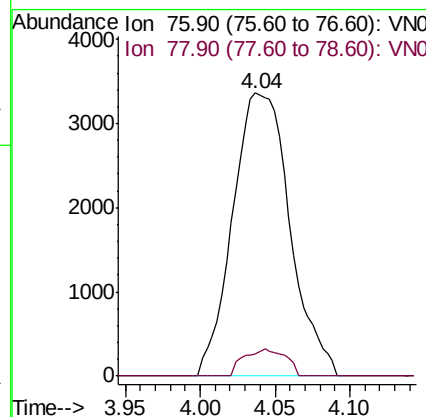
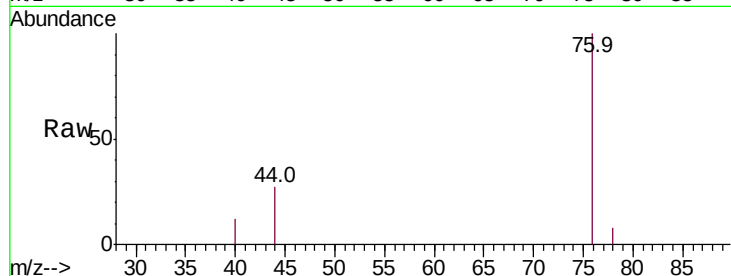
78 7.7 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 1.867 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056850.D

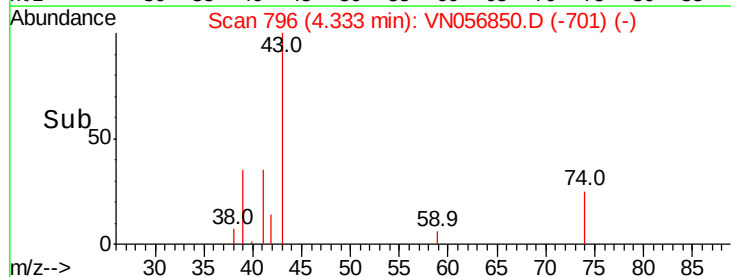
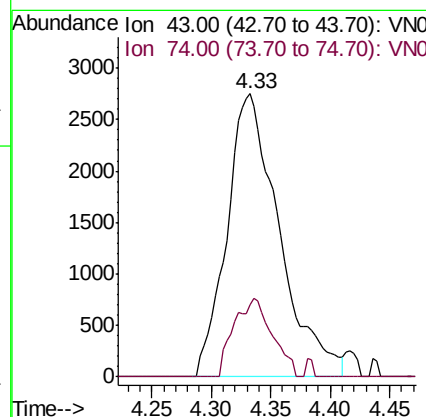
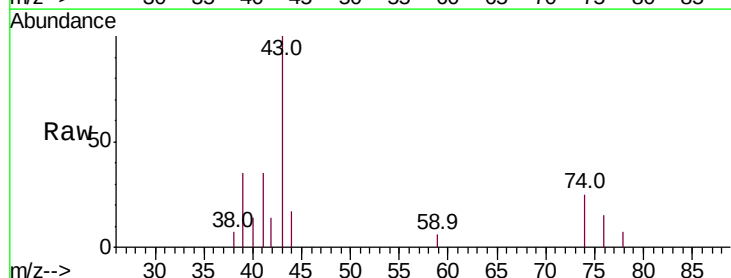
Acq: 22 Jul 2019 11:09

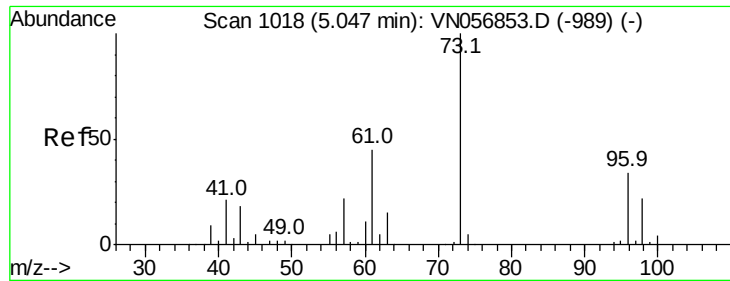
Tgt Ion: 43 Resp: 8379

Ion Ratio Lower Upper

43 100

74 20.3 19.0 28.4





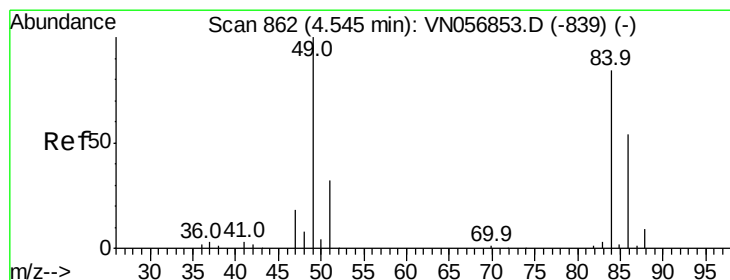
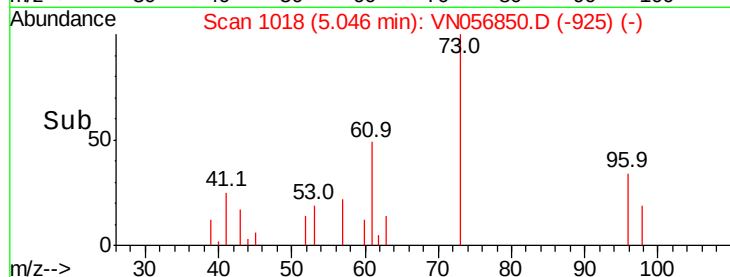
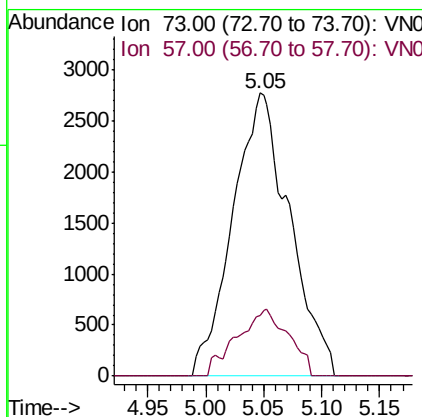
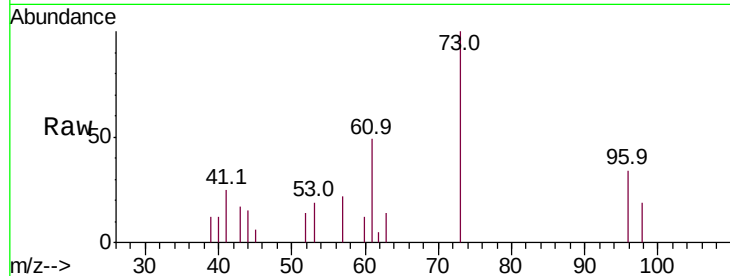
#19
Methyl tert-butyl Ether
Concen: 0.978 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 73 Resp: 9438
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0

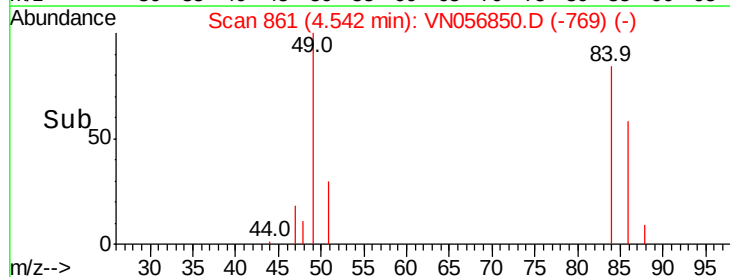
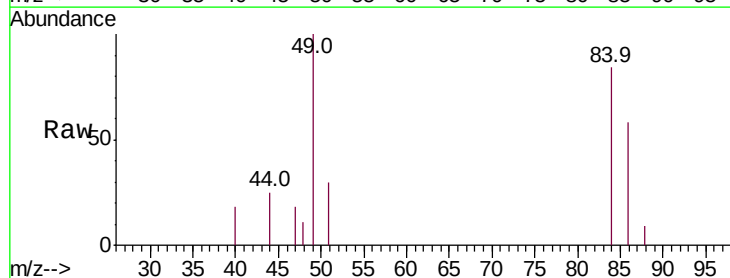
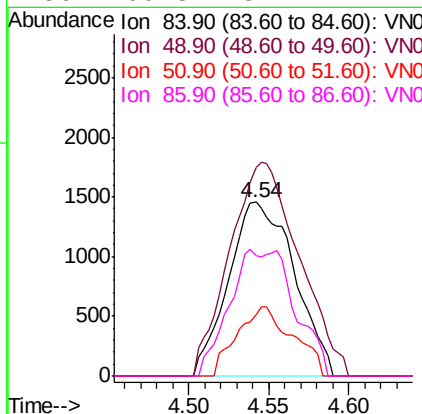
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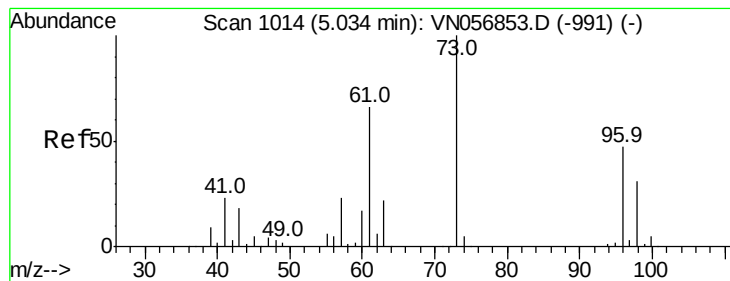
MMDadoda
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#20
Methylene Chloride
Concen: 1.137 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 84 Resp: 4122
Ion Ratio Lower Upper
84 100
49 119.7 94.9 142.3
51 35.4 29.9 44.9
86 69.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 1.002 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 96 Resp: 3236

Ion Ratio Lower Upper

96 100

61 122.9 112.8 169.2

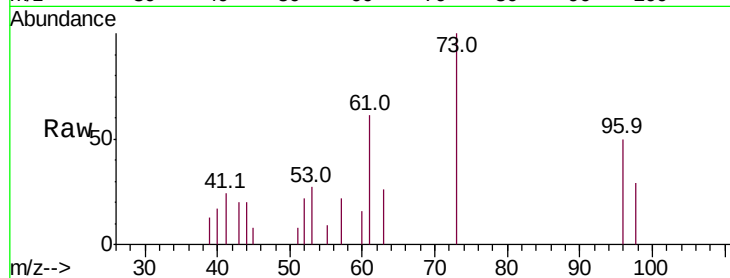
98 57.7 53.3 79.9

Manual Integrations

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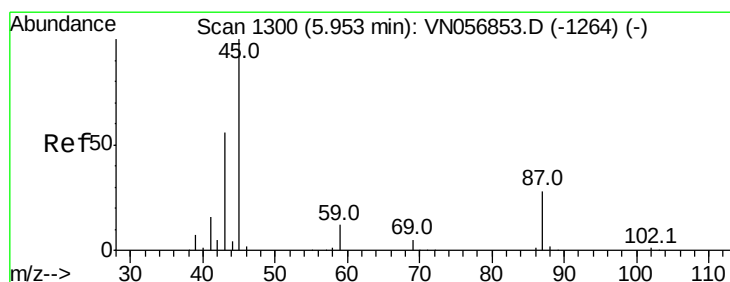
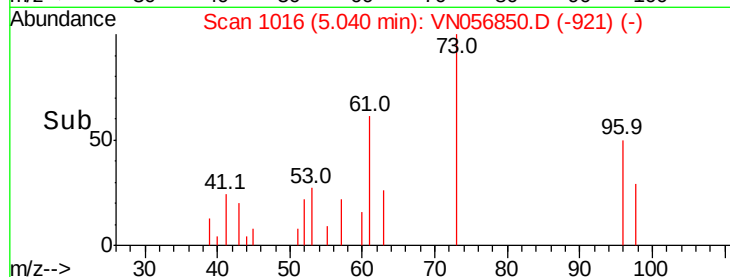
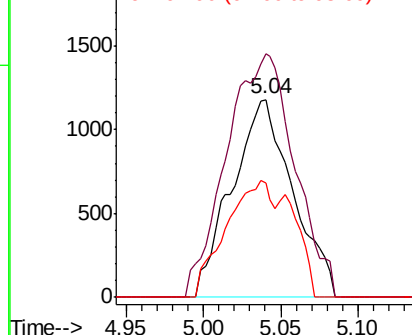


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 0.998 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Tgt Ion: 45 Resp: 10380

Ion Ratio Lower Upper

45 100

43 62.3 45.5 68.3

87 33.1 22.7 34.1

59 11.7 9.3 13.9

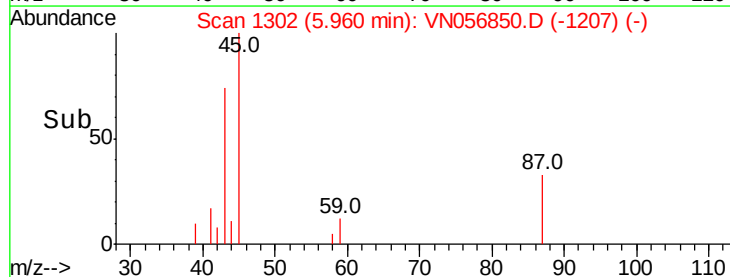
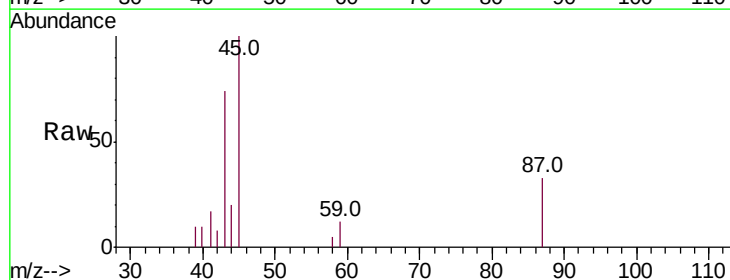
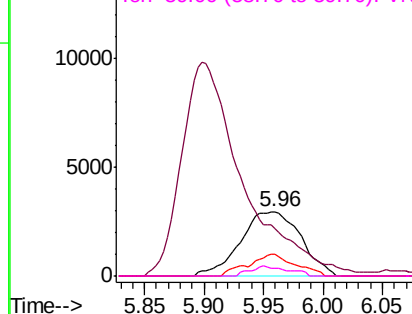
Abundance

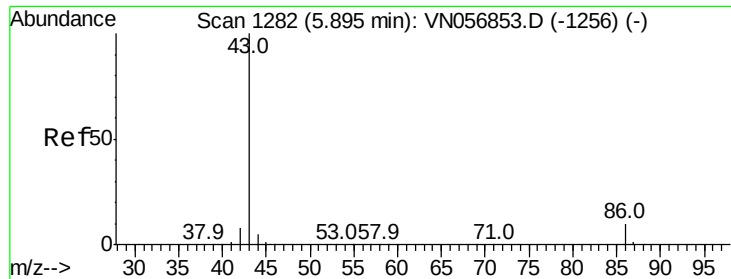
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 4.266 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 35165

Ion Ratio Lower Upper

43 100

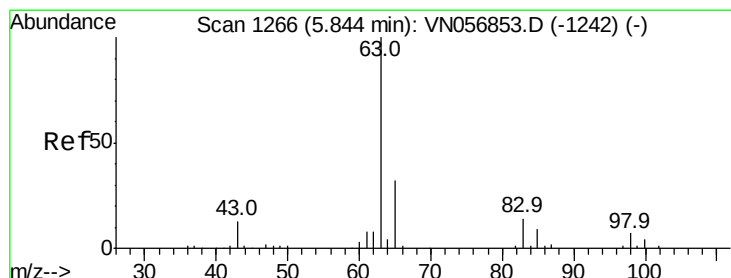
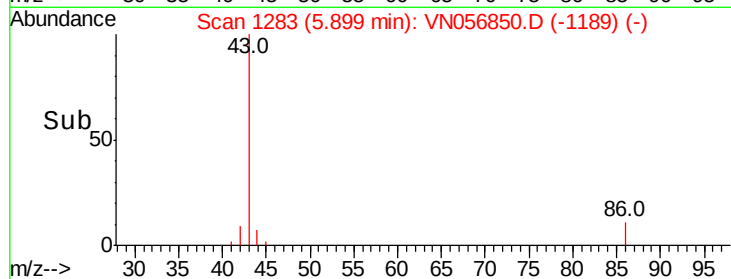
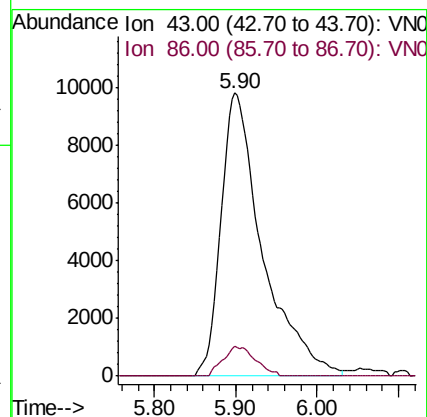
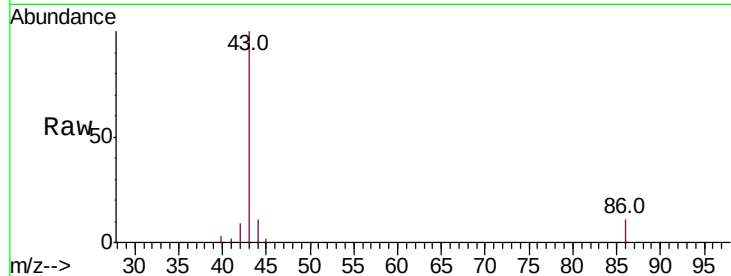
86 10.6 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 1.034 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

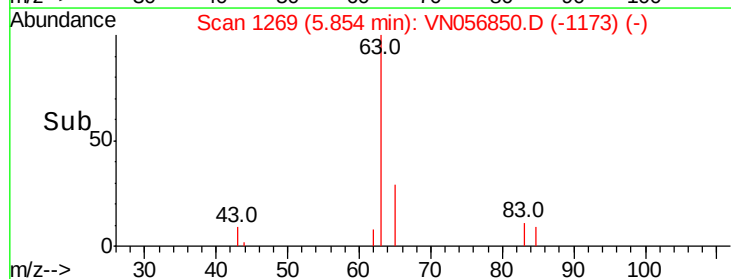
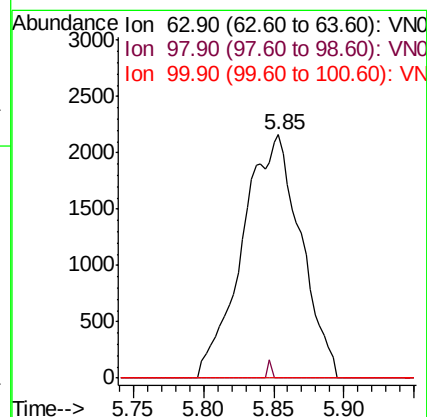
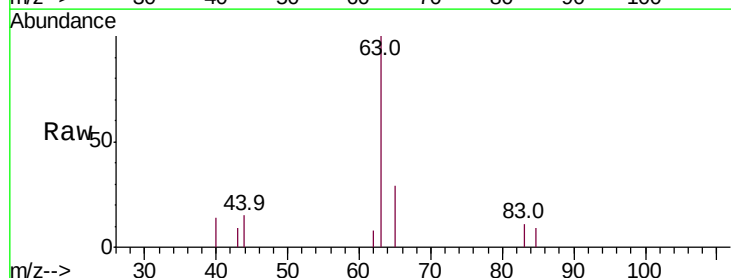
Tgt Ion: 63 Resp: 6237

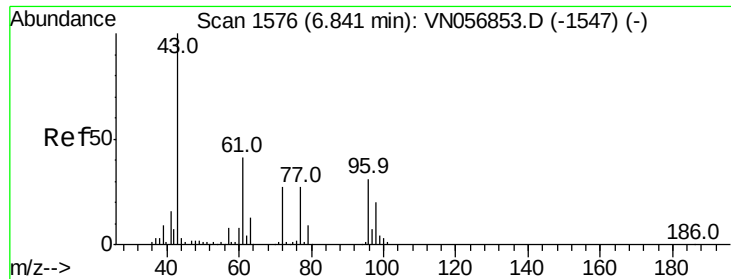
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

100 0.0 2.2 6.6#





#25

2-Butanone

Concen: 3.848 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.02 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 8906

Ion Ratio Lower Upper

43 100

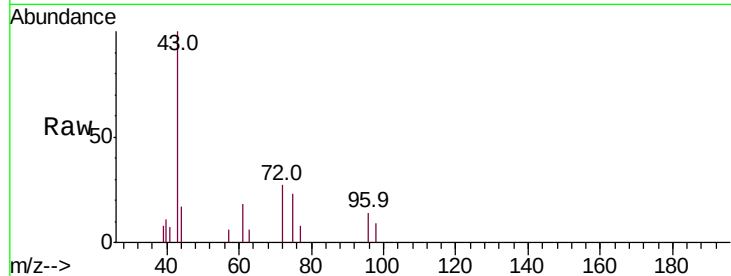
72 27.0 21.5 32.3

Manual Integrations

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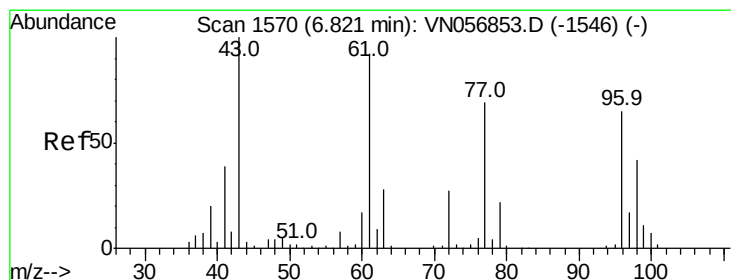
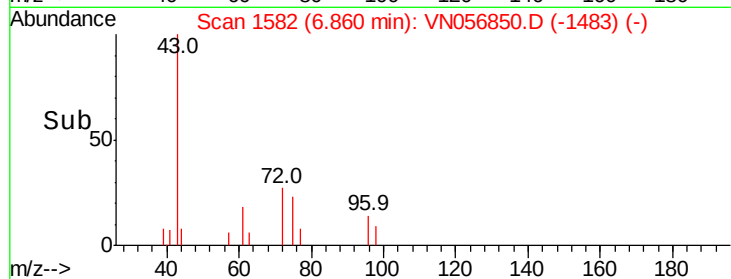
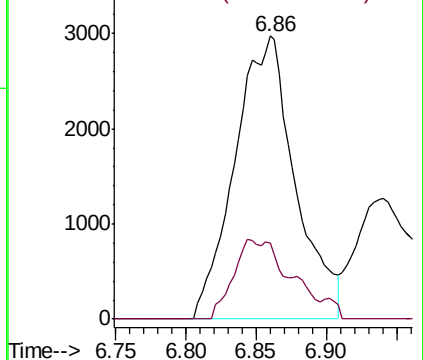
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 1.022 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN056850.D

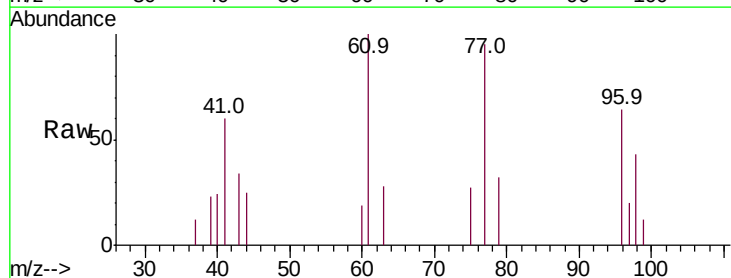
Acq: 22 Jul 2019 11:09

Tgt Ion: 77 Resp: 4399

Ion Ratio Lower Upper

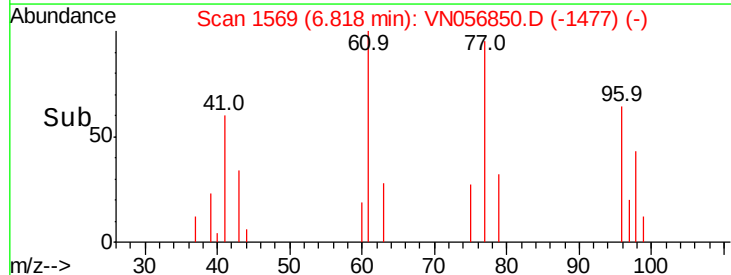
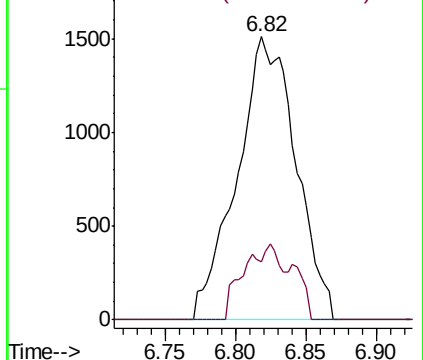
77 100

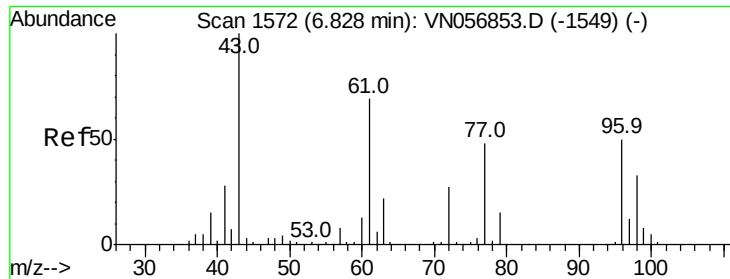
97 16.8 12.4 37.2



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 0.989 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

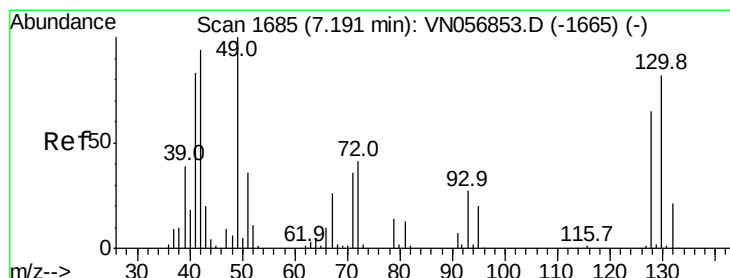
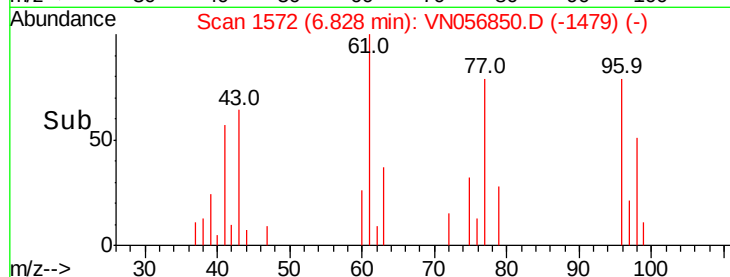
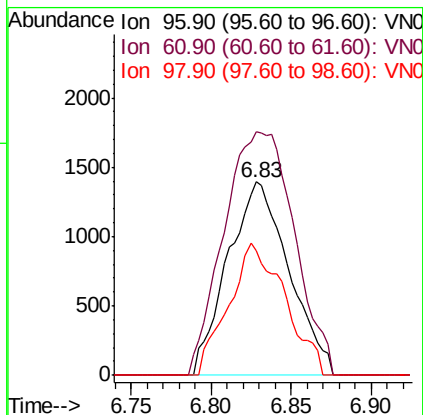
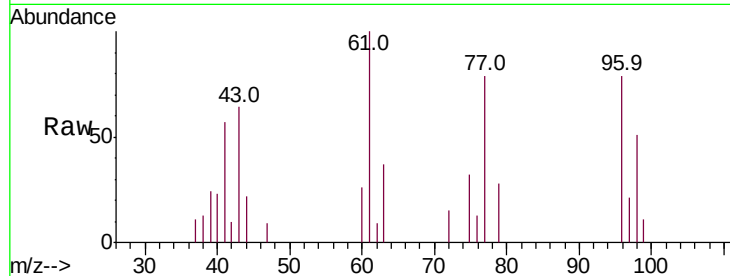
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3663
Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	281.6
98	62.7	0.0	132.0

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#28

Bromochloromethane

Concen: 0.971 ug/l

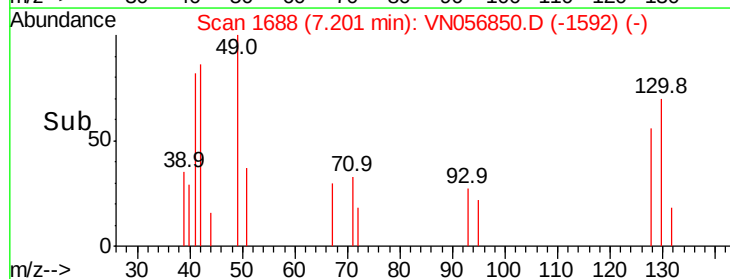
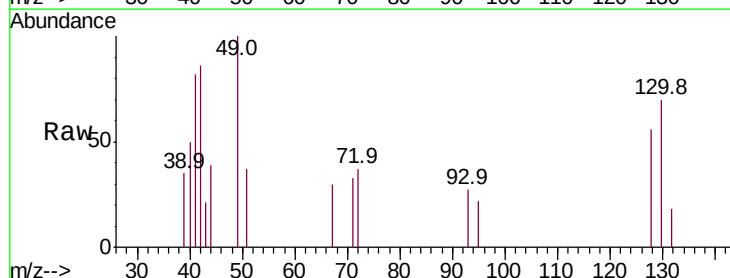
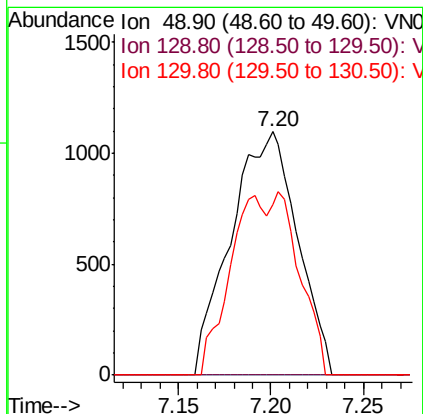
RT: 7.20 min Scan# 1688

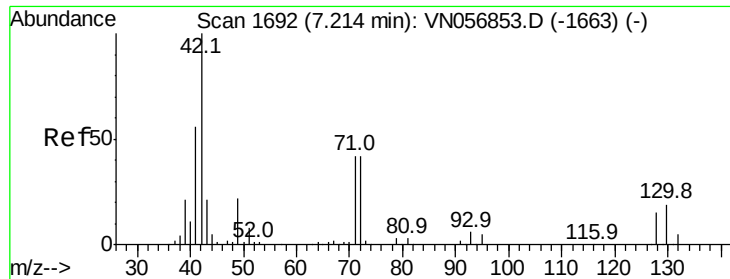
Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Tgt Ion:	49	Resp:	2734
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	41.6	65.0	97.6#





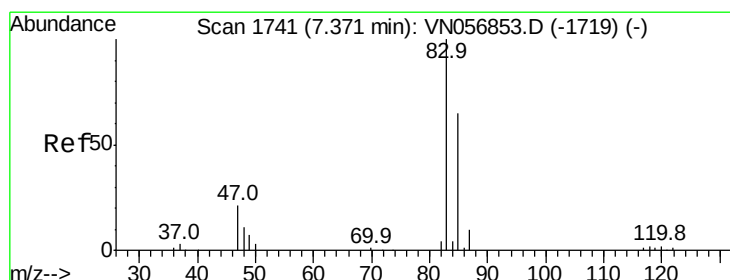
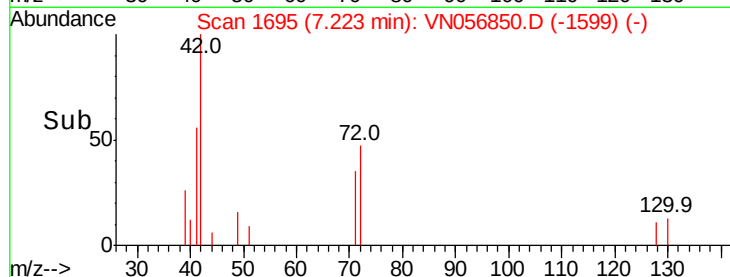
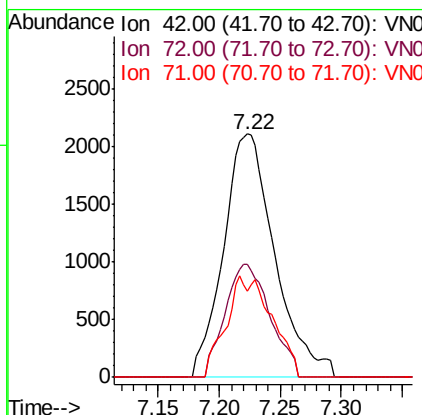
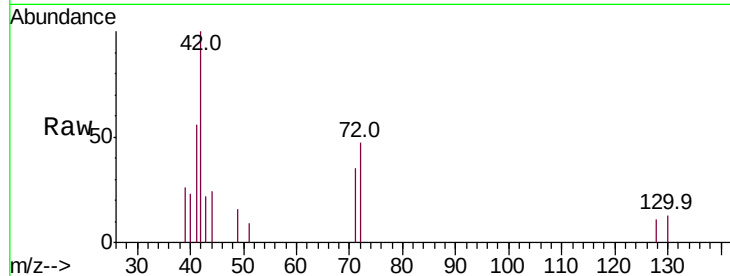
#29
Tetrahydrofuran
Concen: 4.061 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	34.2	51.2
71	18.1	32.7	49.1

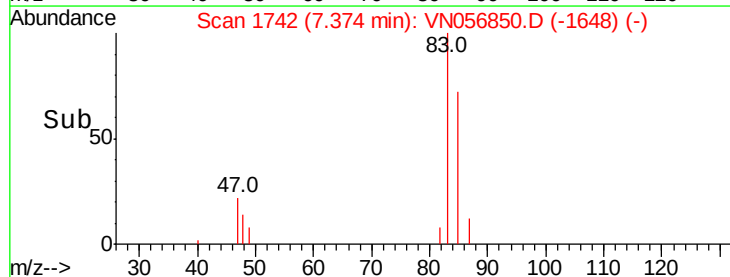
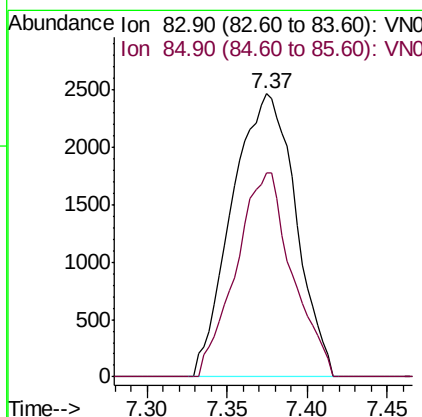
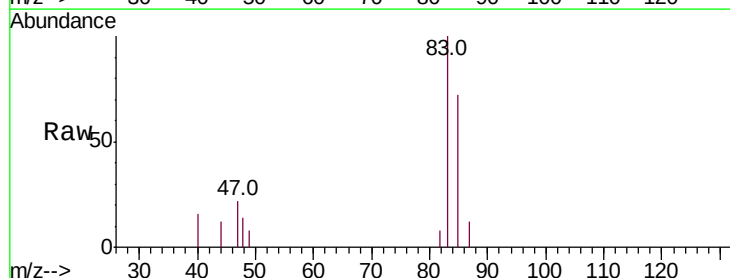
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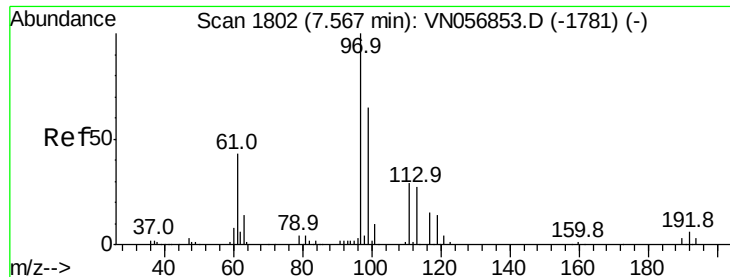
MMDadoda
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#30
Chloroform
Concen: 1.116 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	71.9	52.3	78.5





#32

1,1,1-Trichloroethane

Concen: 0.996 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 4766

Ion Ratio Lower Upper

97 100

99 0.0 52.1 78.1#

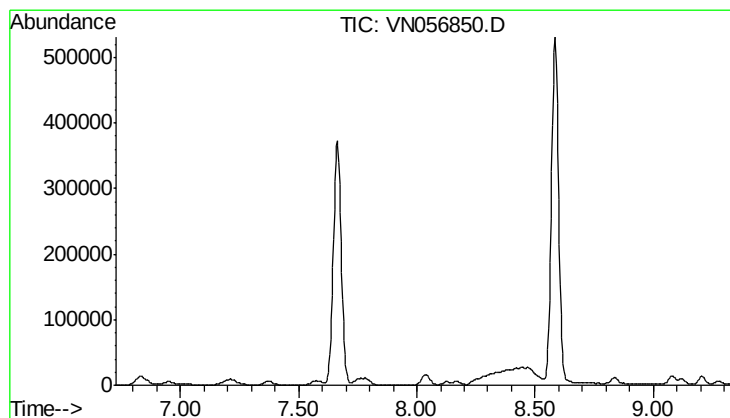
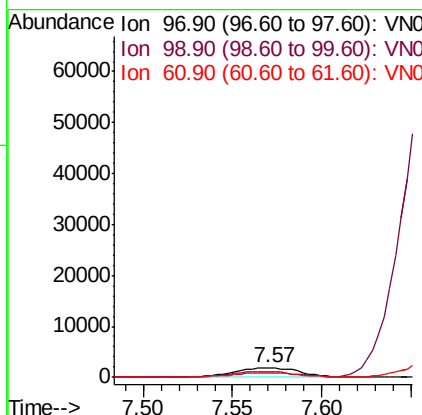
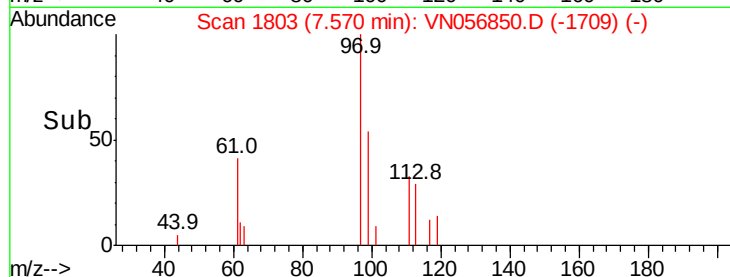
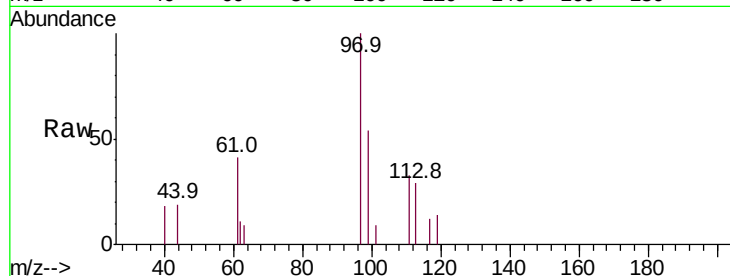
61 23.2 34.0 51.0#

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.03 min

Lab File: VN056850.D

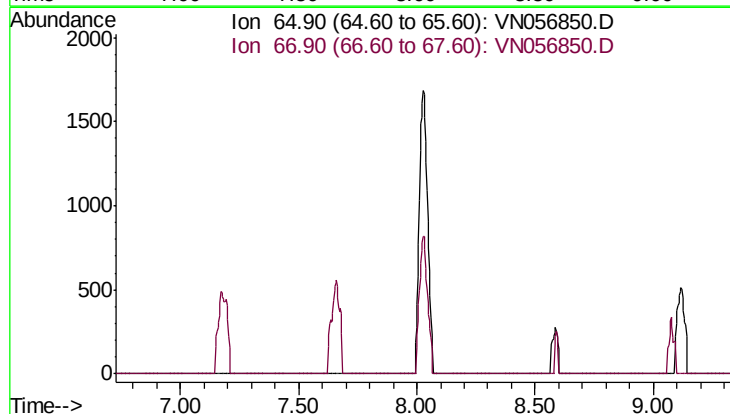
Acq: 22 Jul 2019 11:09

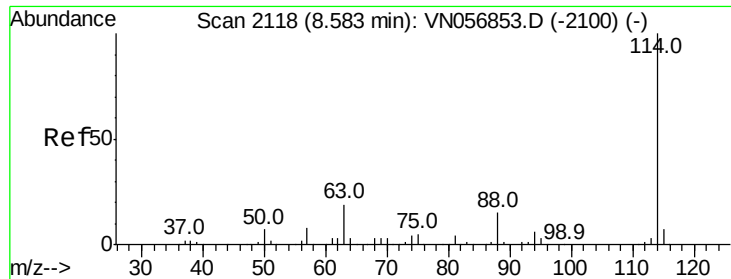
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.3





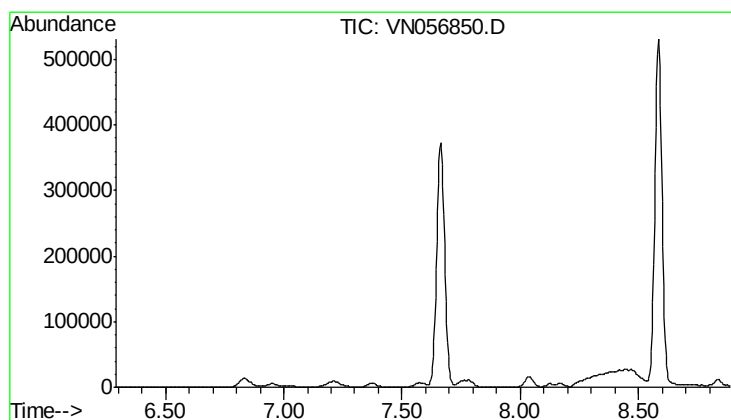
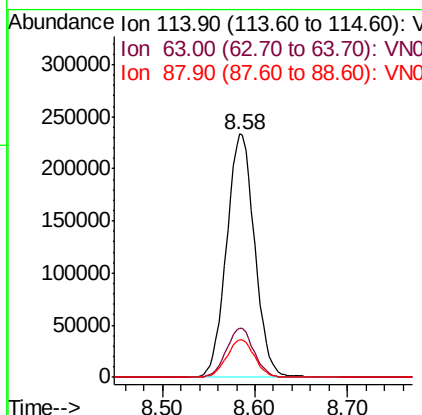
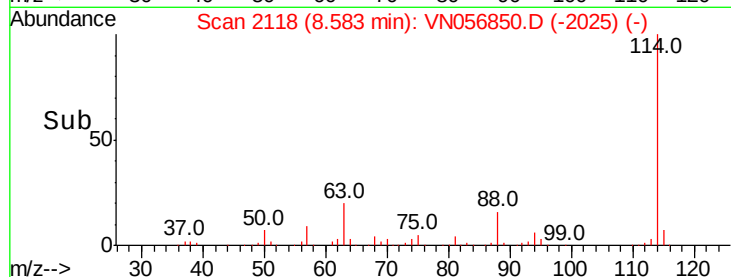
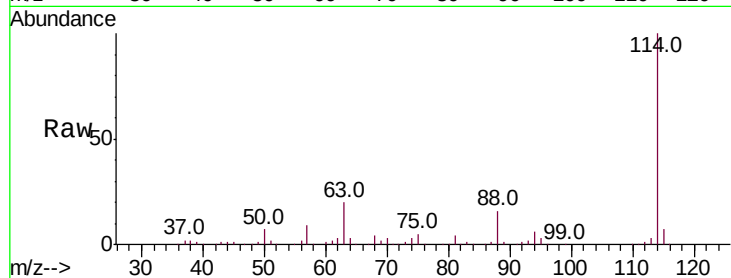
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	20.4	0.0	37.8
88	15.6	0.0	31.0

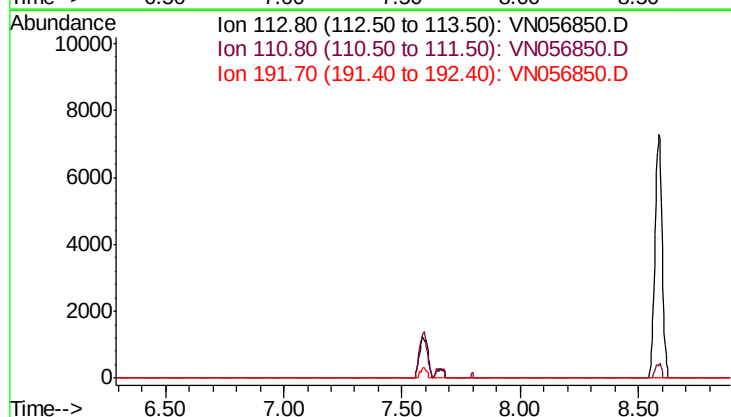
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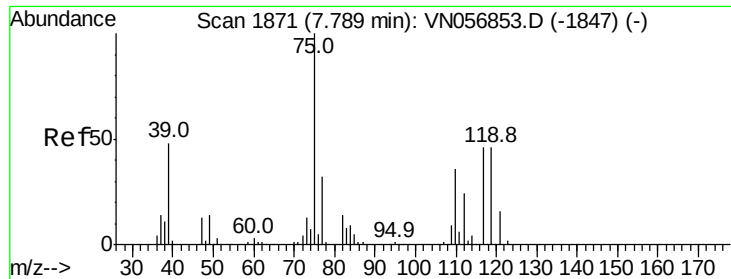
MMDadoda
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#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.59 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion	Exp Ratio
113	100
111	102.4
192	23.1





#36

1,1-Dichloropropene

Concen: 0.965 ug/l

RT: 7.79 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

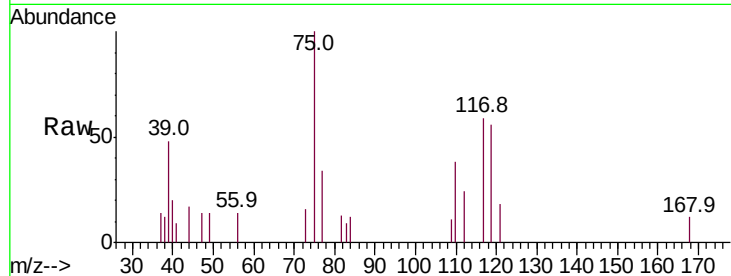
ClientSampled :

VSTDIC001

Tot Ion:	75	Resp:	4429
Ion	Ratio	Lower	Upper
75	100		
110	31.9	17.9	53.7
77	29.6	25.0	37.6

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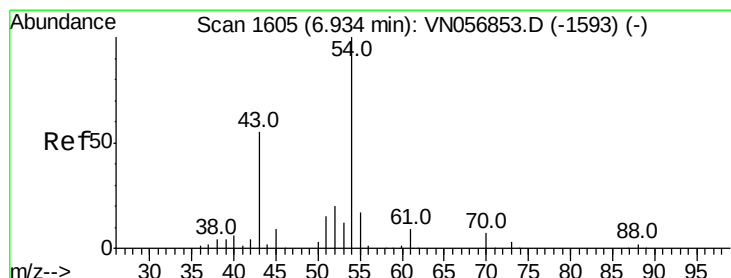
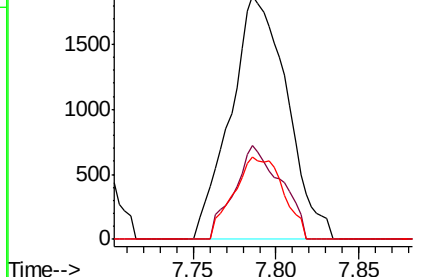
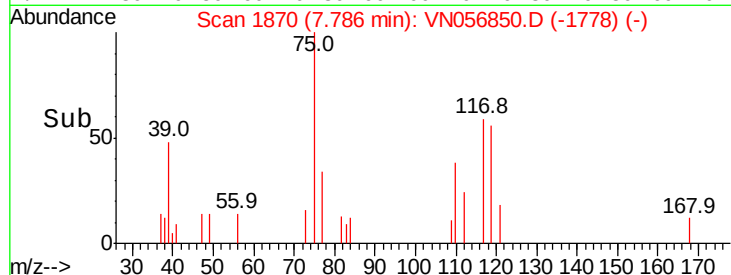
MMDadoda
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Abundance Ion 74.90 (74.60 to 75.60): VN056850.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN056850.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN056850.D (-1778) (-)



#37

Ethyl Acetate

Concen: 0.700 ug/l

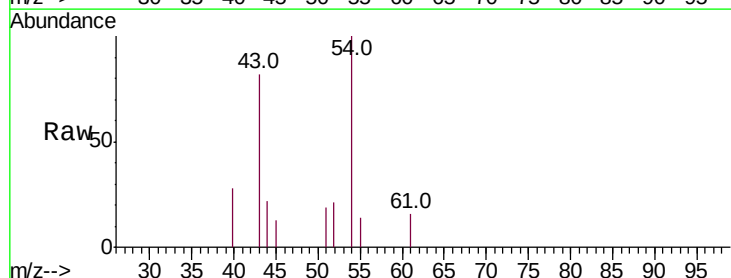
RT: 6.94 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

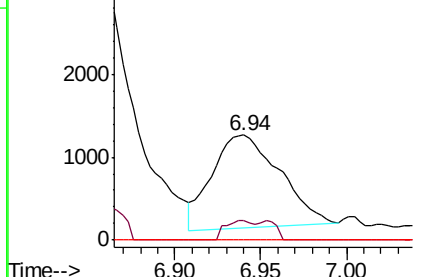
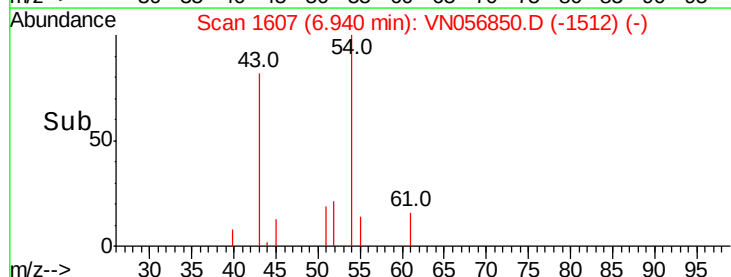
Tgt Ion:	43	Resp:	3061
Ion	Ratio	Lower	Upper
43	100		
61	9.1	11.8	17.8#
70	0.0	8.6	13.0#

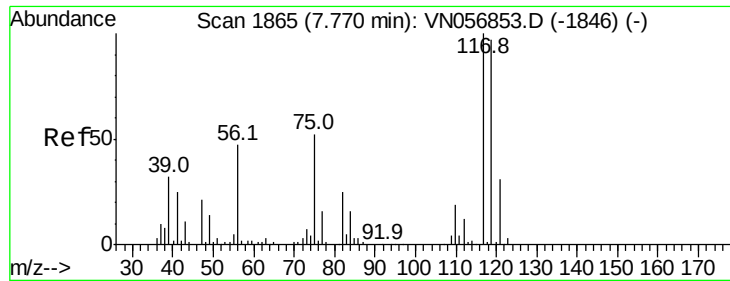


Abundance Ion 43.00 (42.70 to 43.70): VN056850.D (-1512) (-)

Ion 60.90 (60.60 to 61.60): VN056850.D (-1512) (-)

Ion 70.00 (69.70 to 70.70): VN056850.D (-1512) (-)





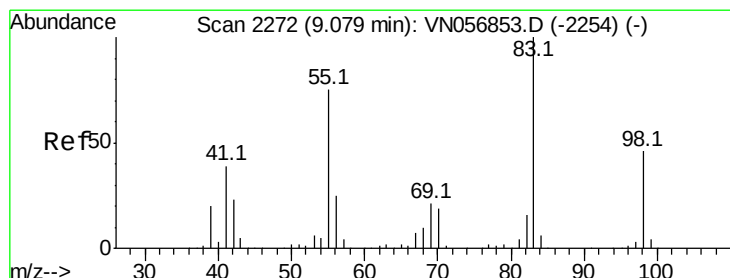
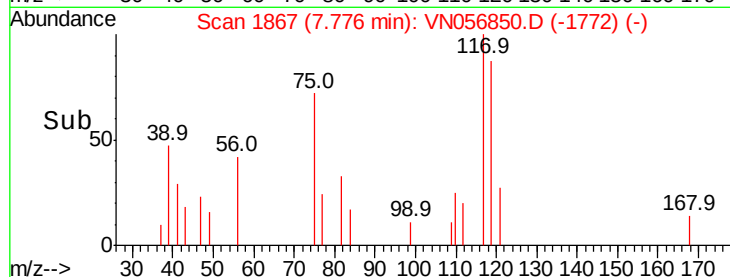
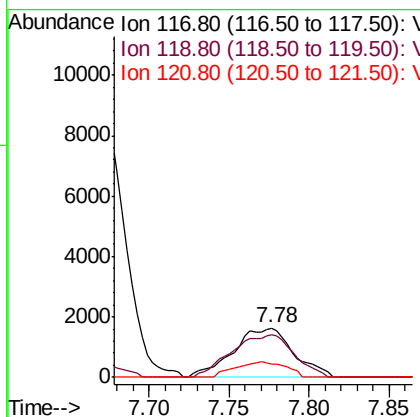
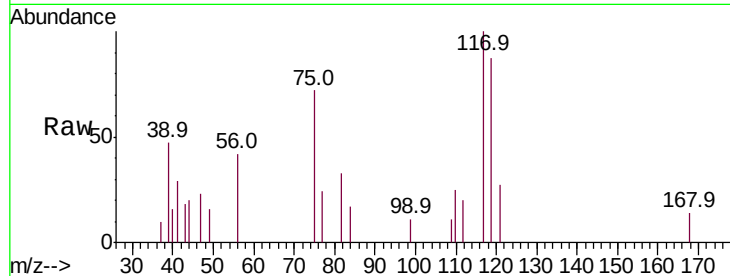
#38
Carbon Tetrachloride
Concen: 0.979 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	86.7	77.2	115.8
121	27.4	24.5	36.7

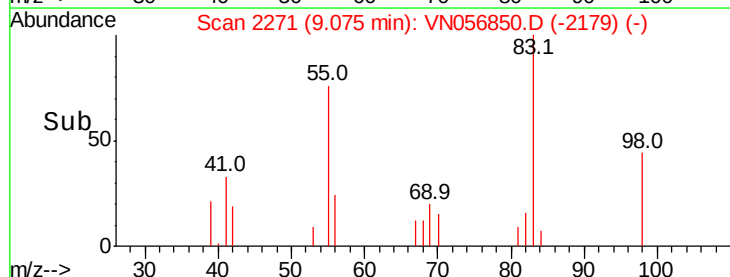
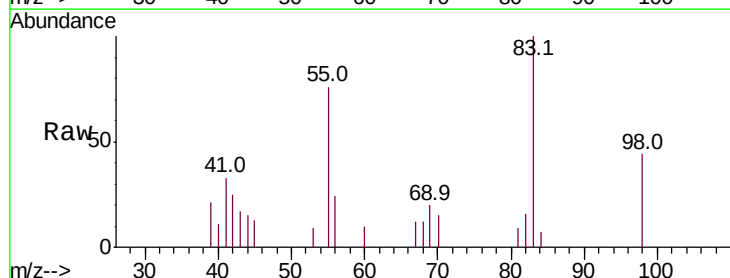
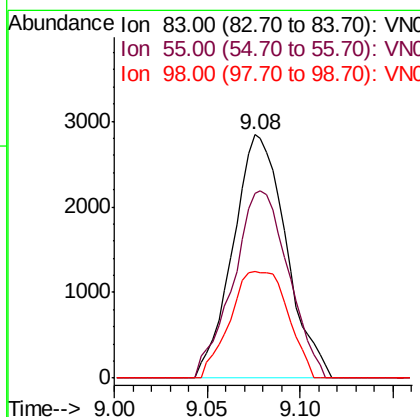
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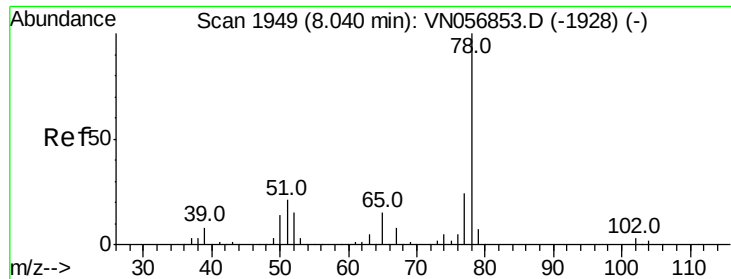
MMDadoda
7/25/2019 3:01:03 PM



#39
Methylcyclohexane
Concen: 0.997 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.1	59.8	89.8
98	43.7	37.1	55.7





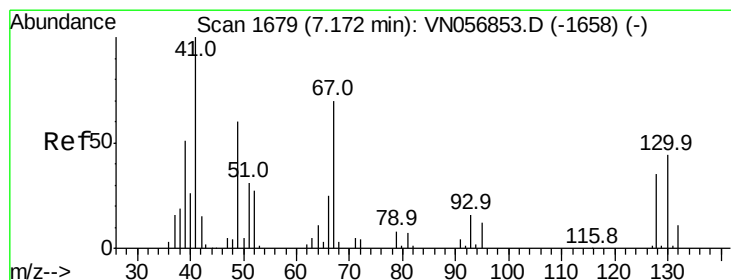
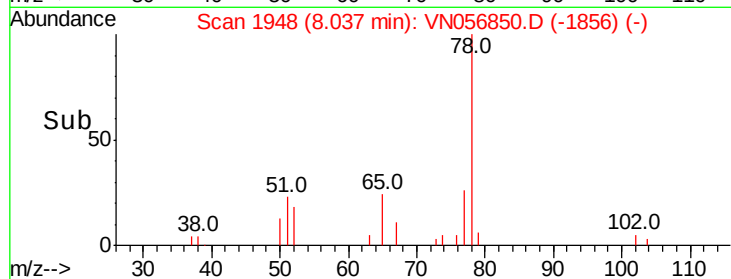
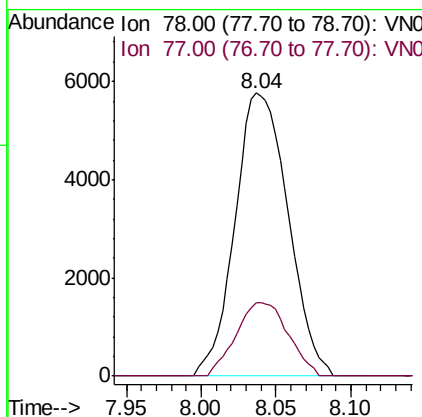
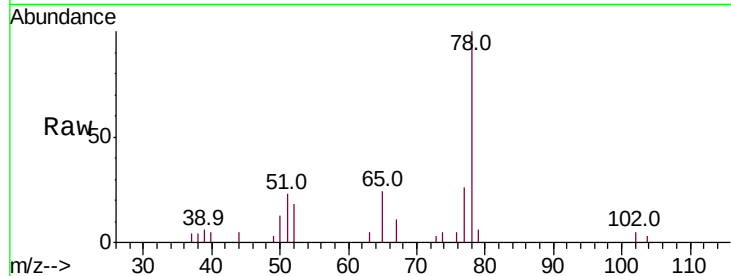
#40
Benzene
Concen: 1.013 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 14239
Ion Ratio Lower Upper
78 100
77 25.8 19.1 28.7

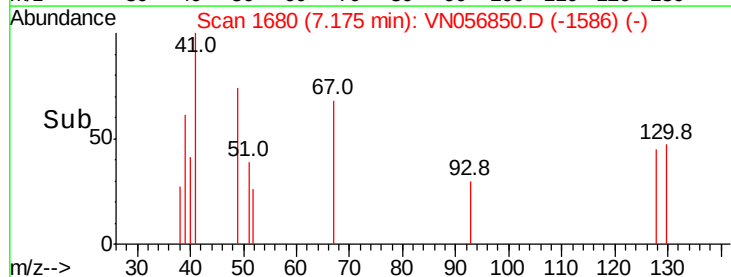
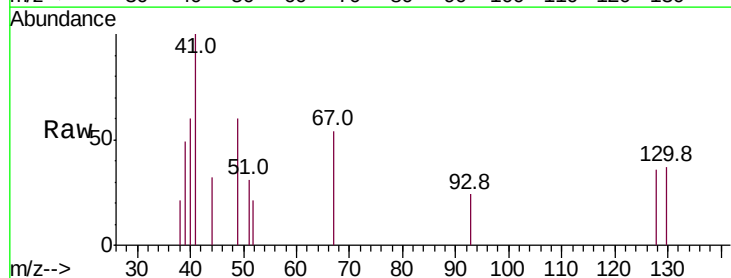
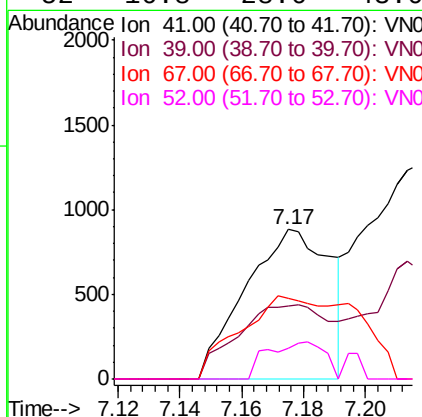
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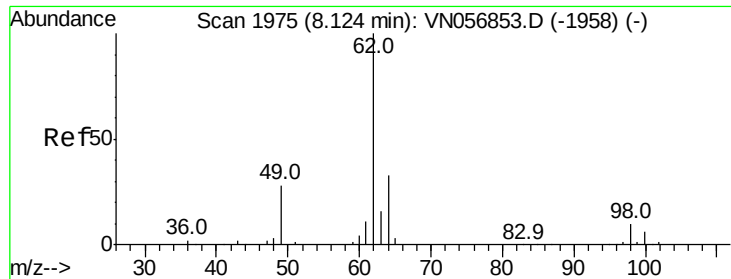
MMDadoda
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#41
Methacrylonitrile
Concen: 0.862 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 41 Resp: 1676
Ion Ratio Lower Upper
41 100
39 53.8 44.0 66.0
67 54.5 73.5 110.3#
52 16.8 28.6 43.0#





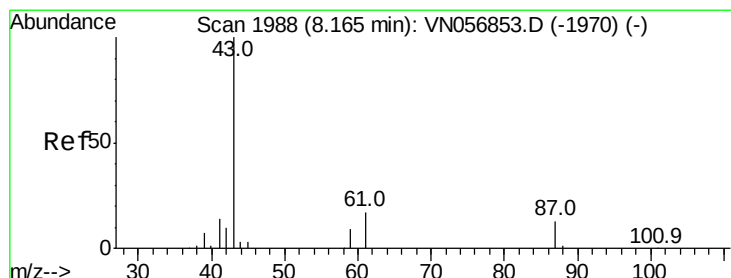
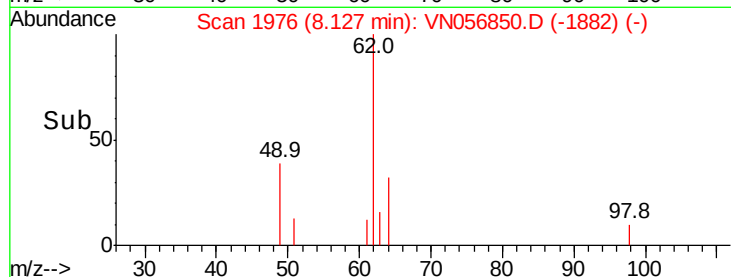
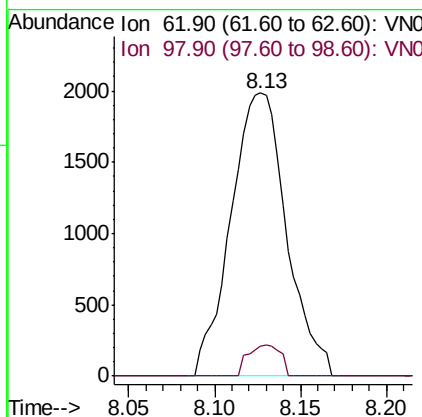
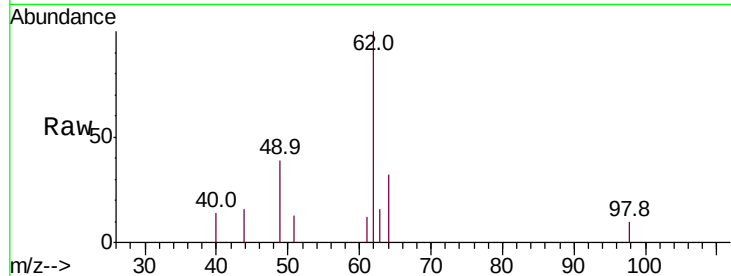
#42
 1,2-Dichloroethane
 Concen: 1.007 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	6.3	0.0	19.4

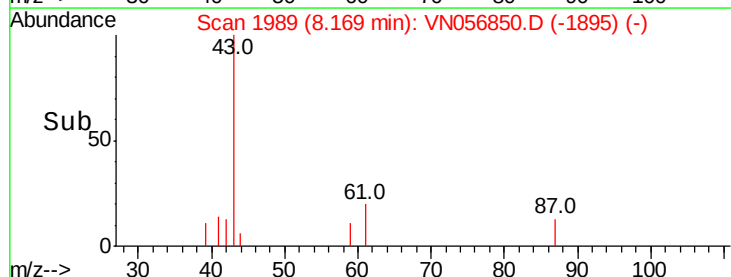
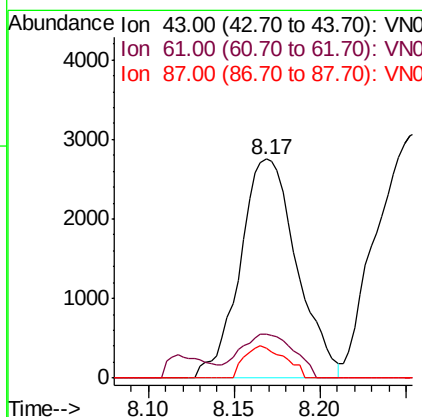
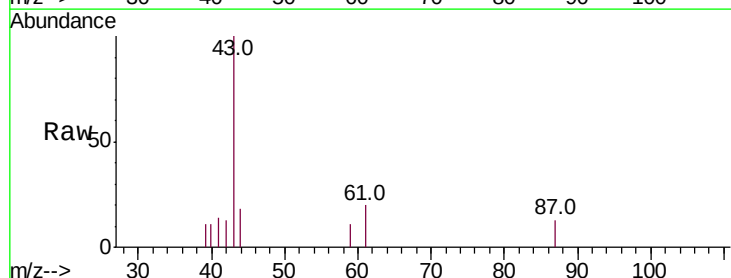
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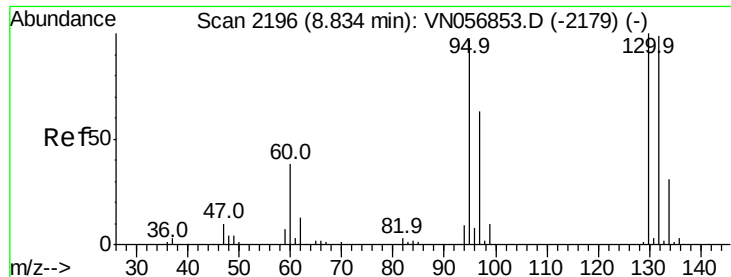
MMDadoda
 7/25/2019 3:01:03 PM



#43
 Isopropyl Acetate
 Concen: 0.910 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	17.8	26.6
87	10.3	11.0	16.4#





#44

Trichloroethene

Concen: 0.998 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3814

Ion Ratio Lower Upper

130 100

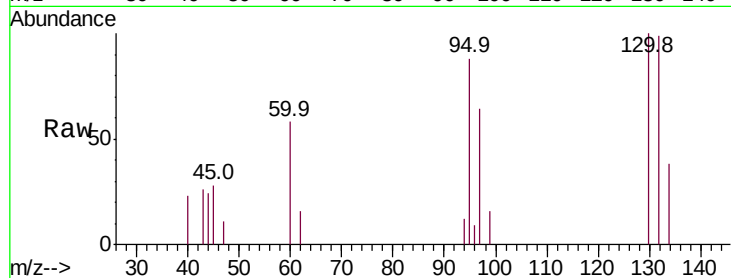
95 88.2 0.0 194.0

Manual Integrations

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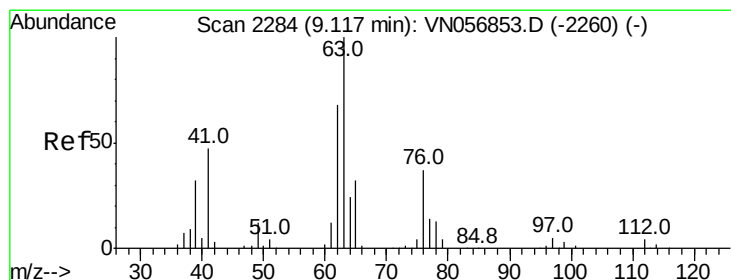
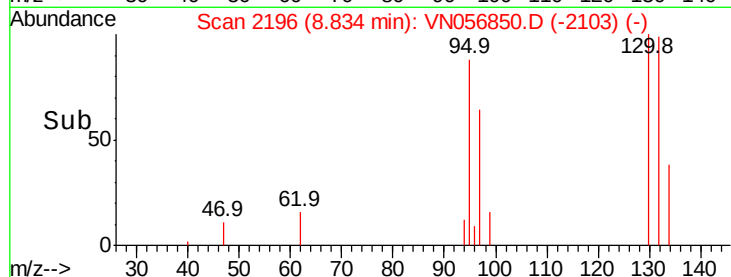
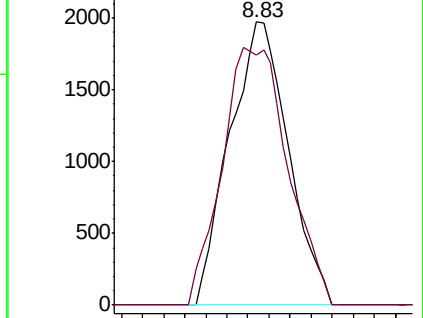
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 1.087 ug/l

RT: 9.12 min Scan# 2286

Delta R.T. 0.01 min

Lab File: VN056850.D

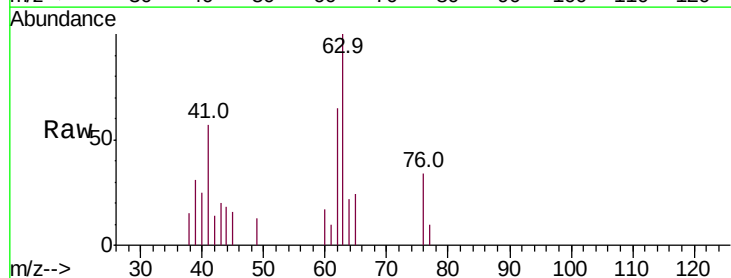
Acq: 22 Jul 2019 11:09

Tgt Ion: 63 Resp: 4049

Ion Ratio Lower Upper

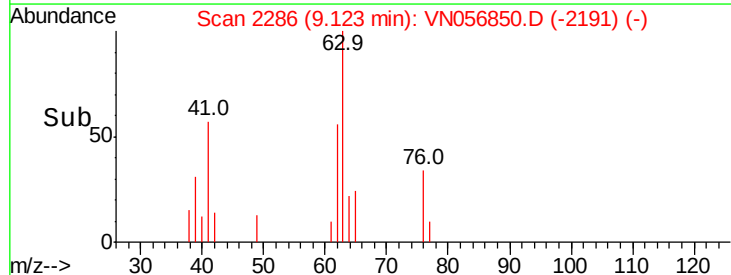
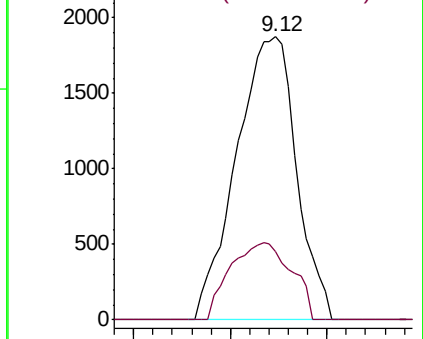
63 100

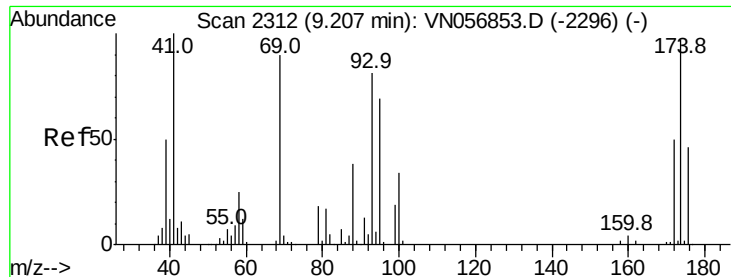
65 24.1 25.4 38.0#



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





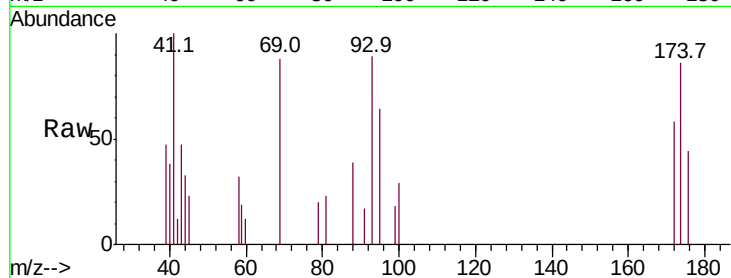
#46
Dibromomethane
Concen: 1.085 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

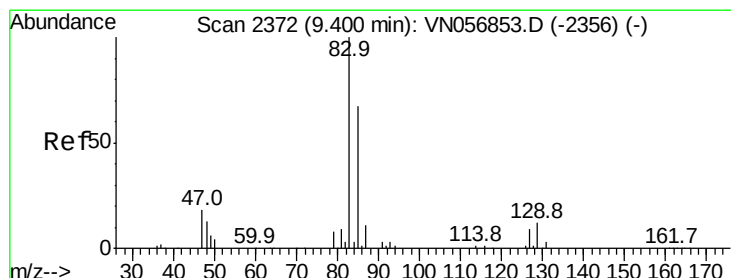
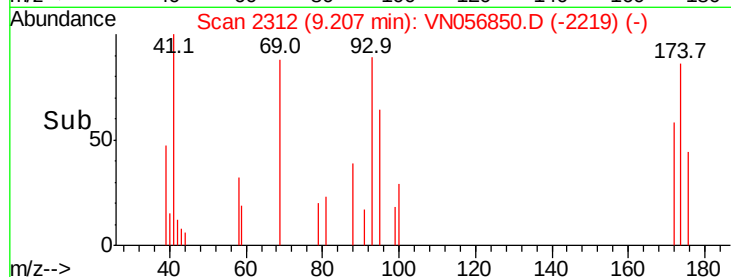
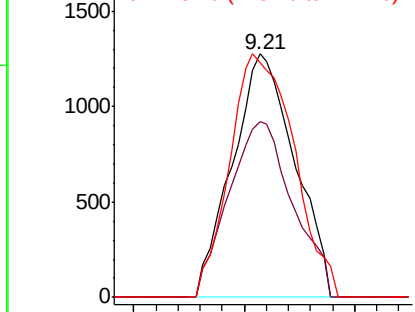
Tot Ion	Ratio	Lower	Upper
93	100		
95	74.1	67.4	101.0
174	103.2	92.9	139.3

Manual Integrations
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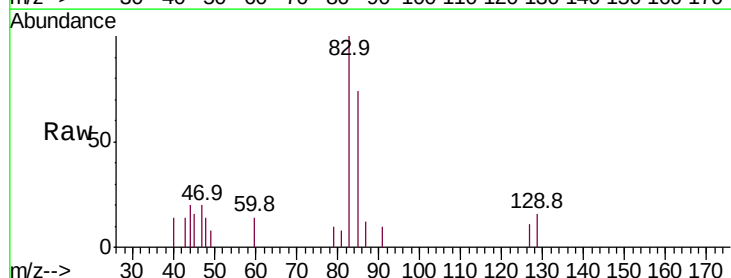


Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

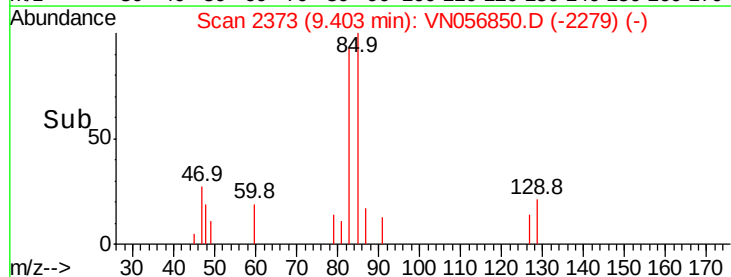
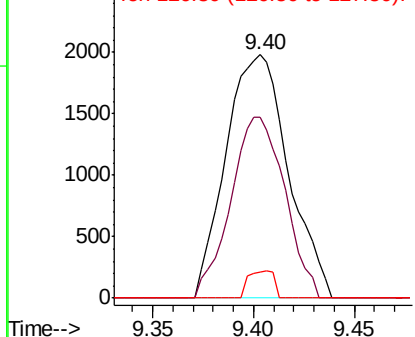


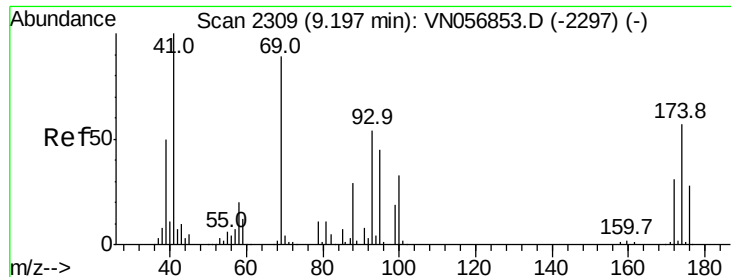
#47
Bromodichloromethane
Concen: 0.975 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	74.5	53.4	80.2
127	10.8	7.2	10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V





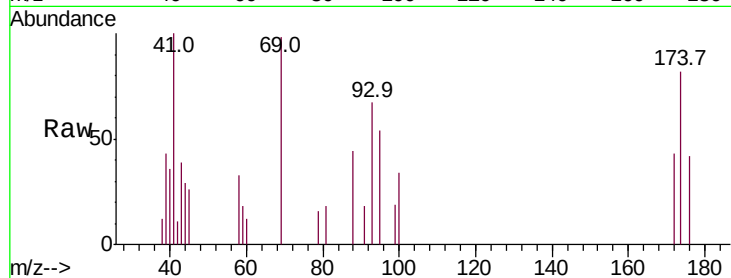
#48
Methvl methacrylate
Concen: 0.935 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

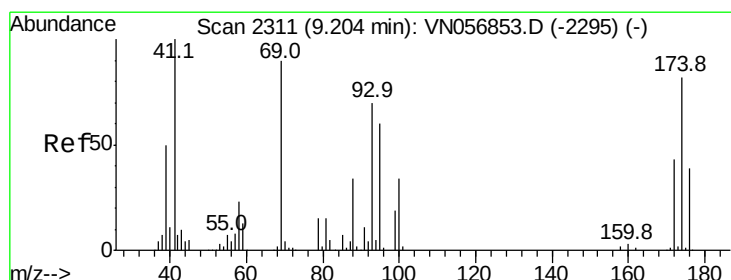
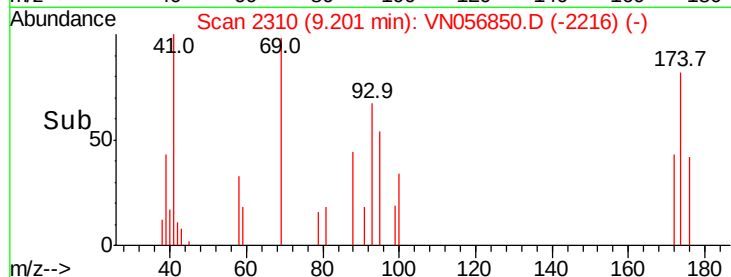
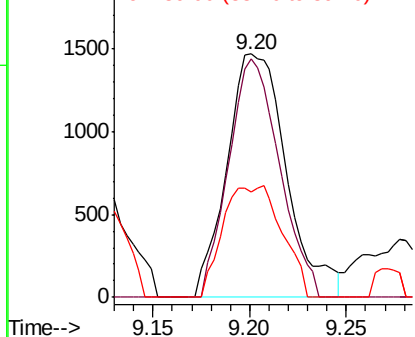
Tot Ion	Ratio	Lower	Upper
41	100		
69	83.7	71.1	106.7
39	23.5	40.6	60.8#

Manual Integrations
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MMDadoda
7/25/2019 3:01:03 PM



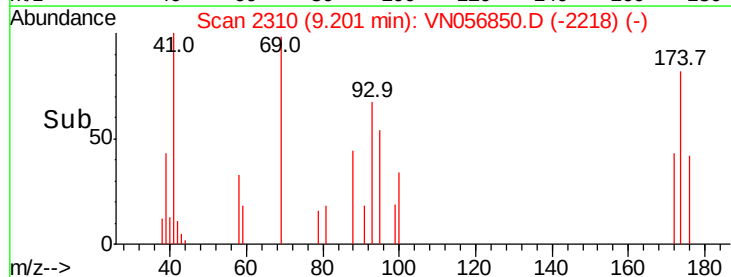
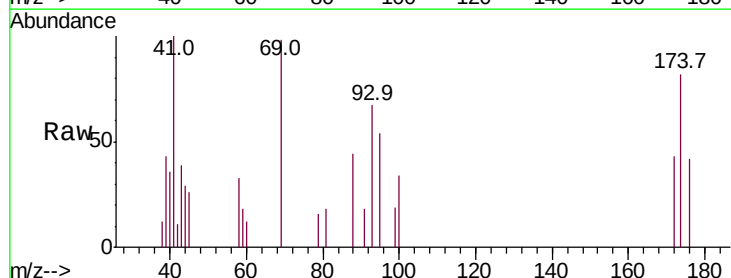
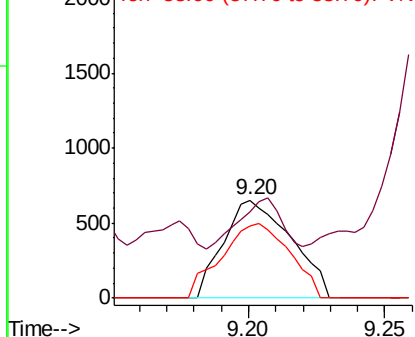
Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

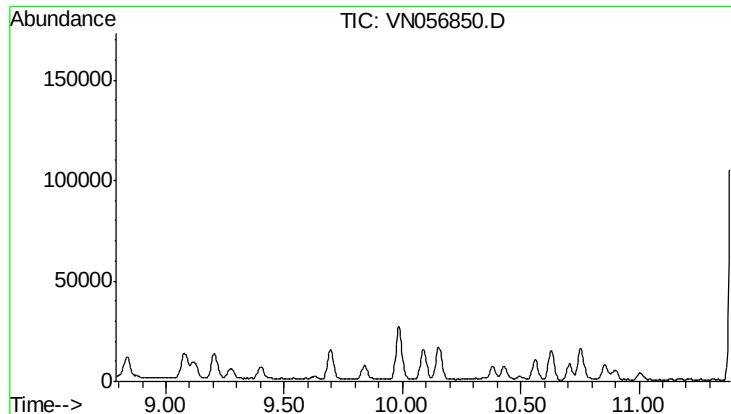


#49
1,4-Dioxane
Concen: 16.189 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.8	21.4	32.2
58	76.3	55.7	83.5

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





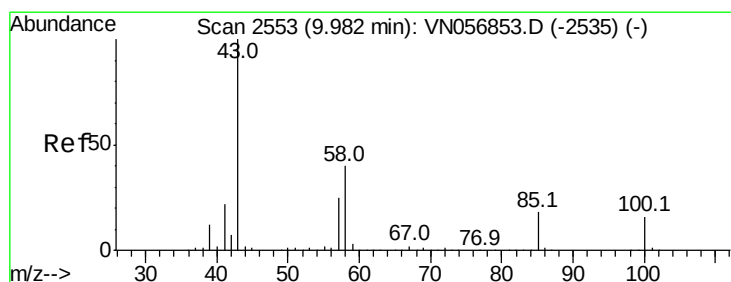
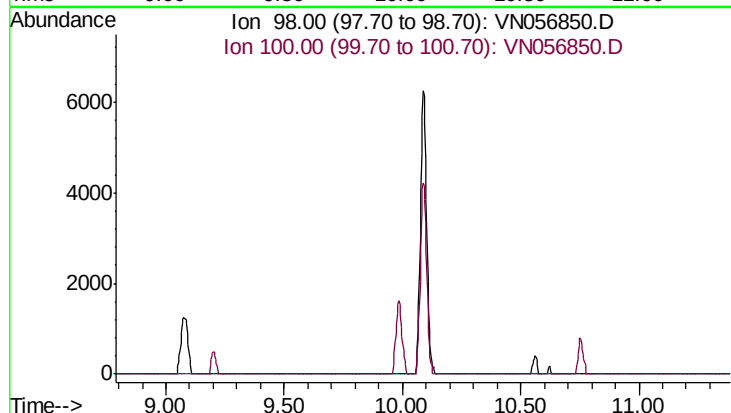
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.09 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.4

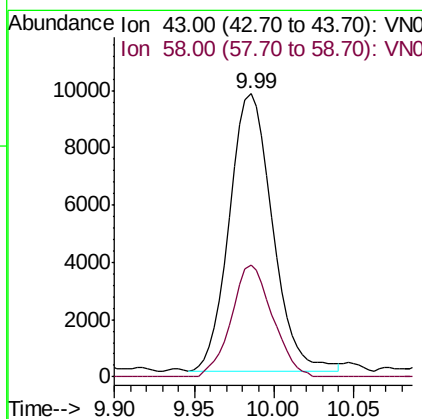
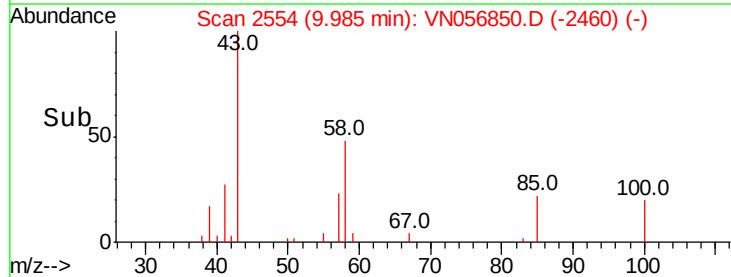
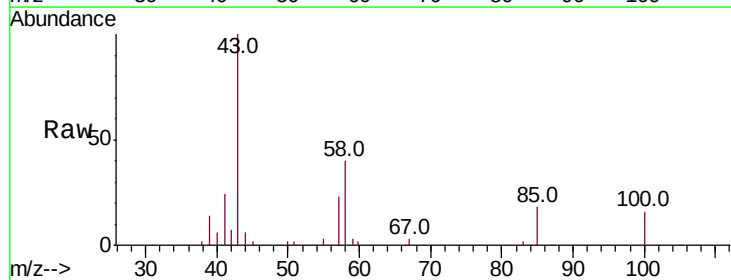
Manual Integrations
APPROVED

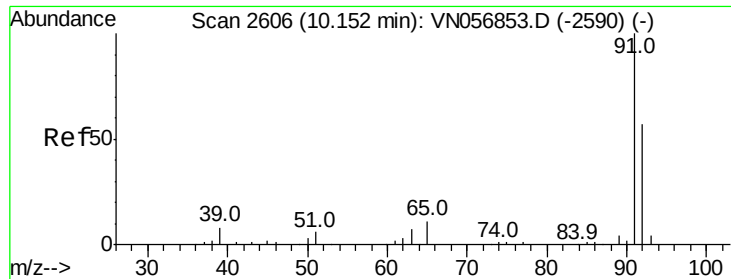
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.001 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 43 Resp: 17792
Ion Ratio Lower Upper
43 100
58 38.4 32.4 48.6





#52

Toluene

Concen: 0.943 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 7885

Ion Ratio Lower Upper

92 100

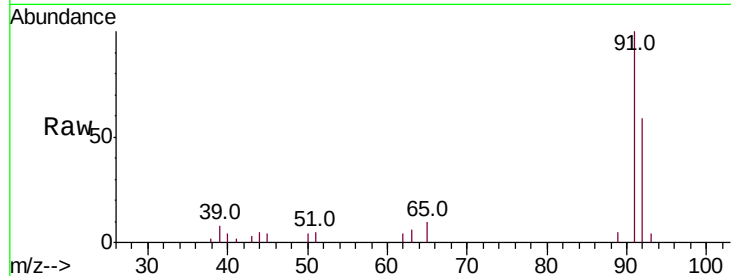
91 183.0 140.6 210.8

Manual Integrations

APPROVED

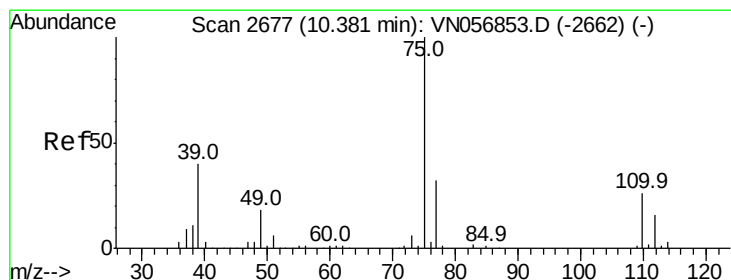
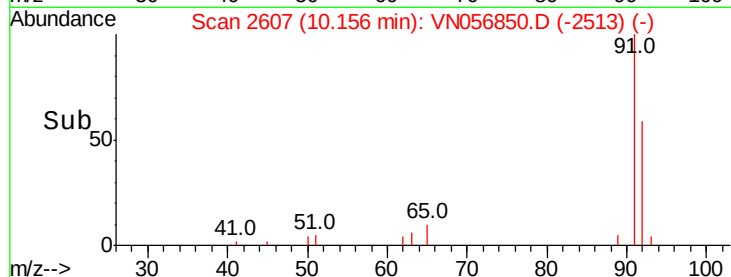
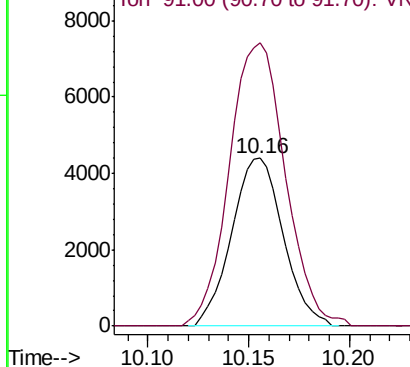
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Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.865 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056850.D

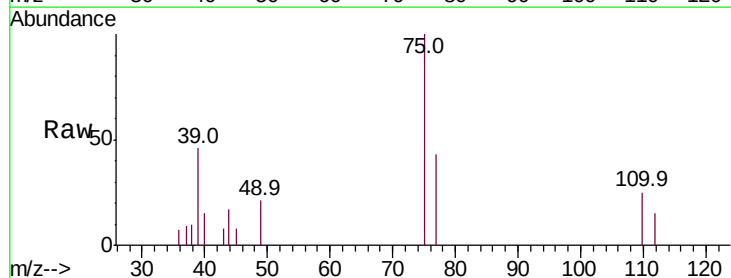
Acq: 22 Jul 2019 11:09

Tgt Ion: 75 Resp: 3944

Ion Ratio Lower Upper

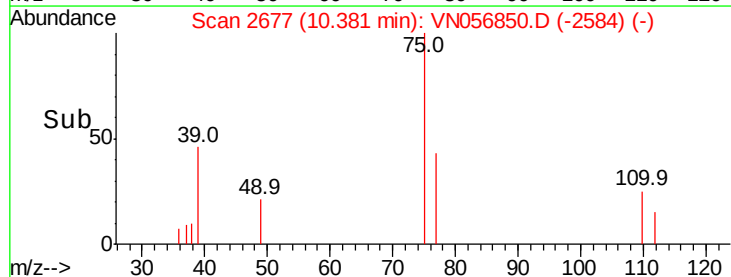
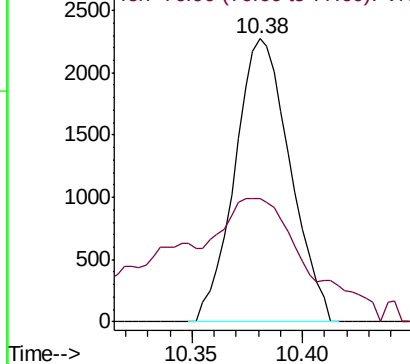
75 100

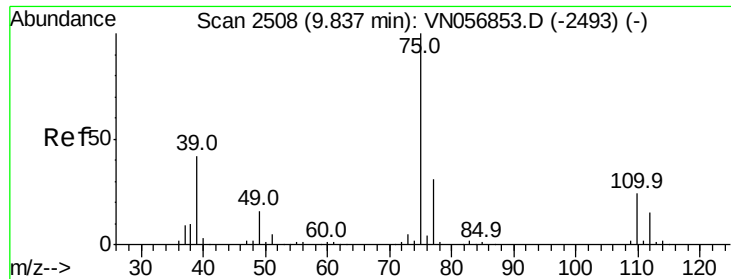
77 30.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#54

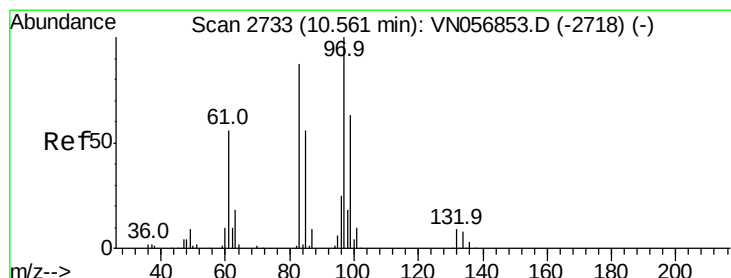
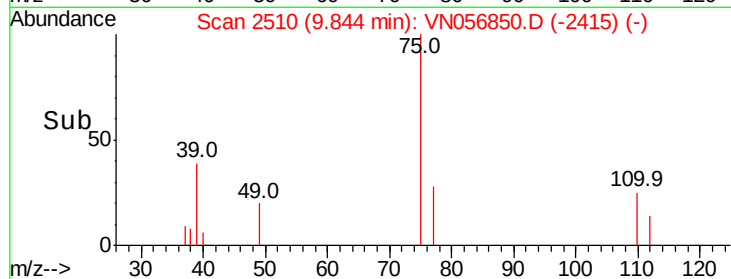
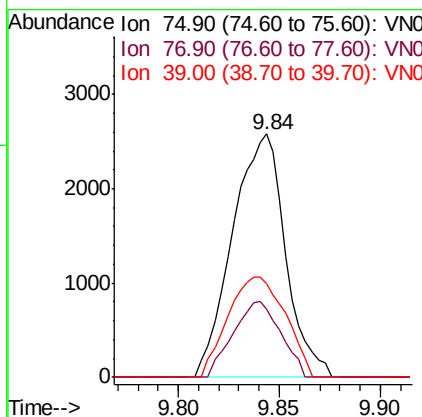
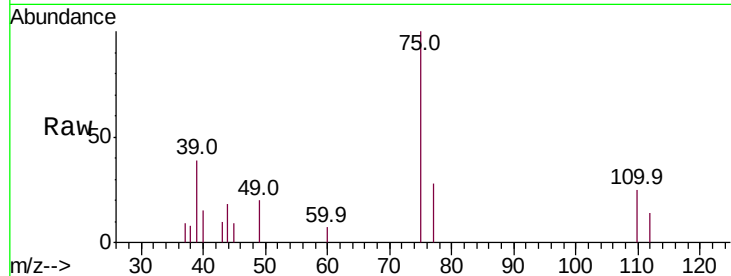
cis-1,3-Dichloropropene
 Concen: 0.893 ug/l
 RT: 9.84 min Scan# 2510
 Delta R.T. 0.01 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	27.9	25.1	37.7
39	38.6	33.4	50.2

Manual Integrations
 APPROVED

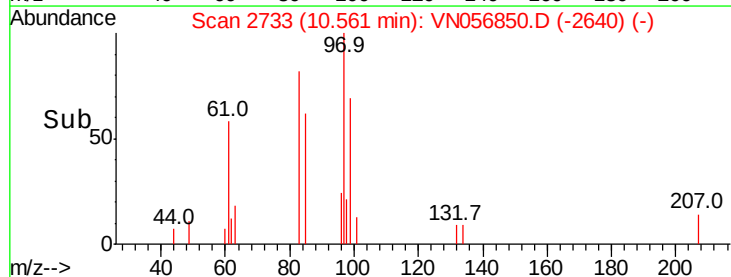
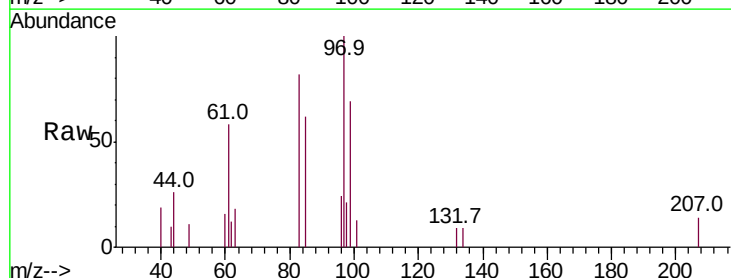
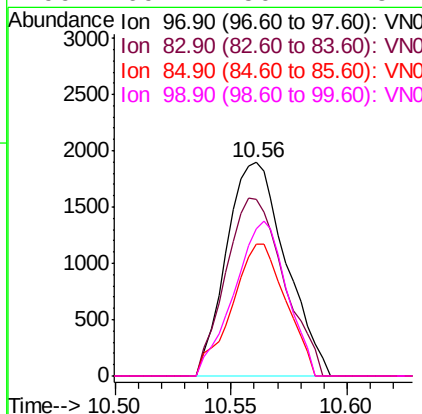
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 7/25/2019 3:01:03 PM

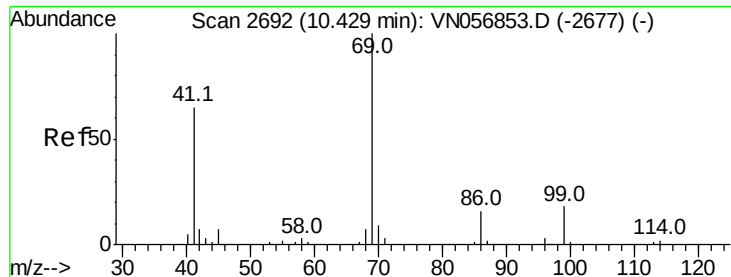


#55

1,1,2-Trichloroethane
 Concen: 0.970 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	70.0	105.0
85	61.8	45.1	67.7
99	69.1	50.2	75.4





#56

Ethyl methacrylate

Concen: 0.788 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

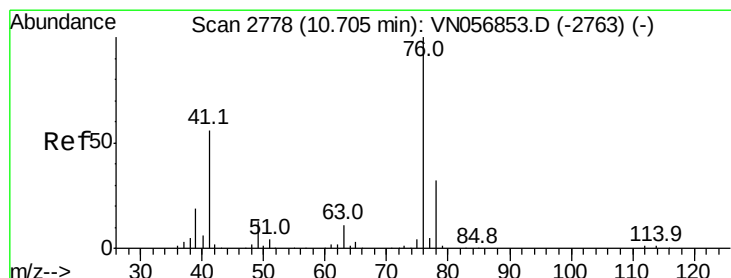
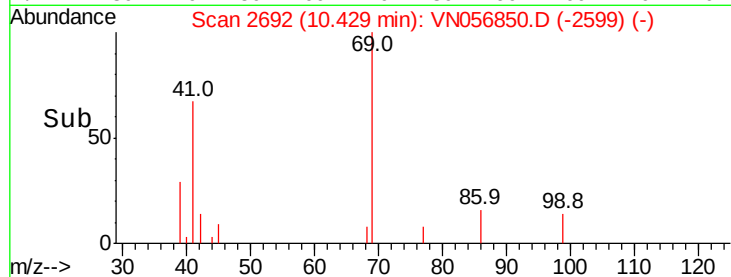
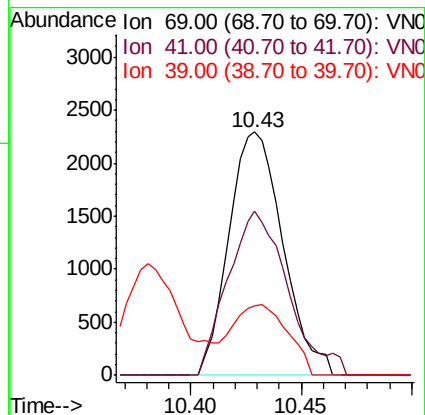
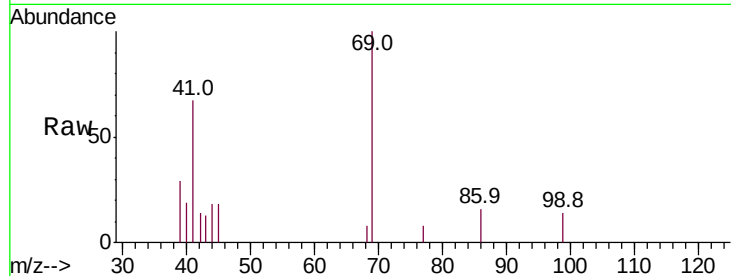
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	3893
Ion	Ratio	Lower	Upper
69	100		
41	74.8	51.0	76.6
39	29.4	24.5	36.7

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.955 ug/l

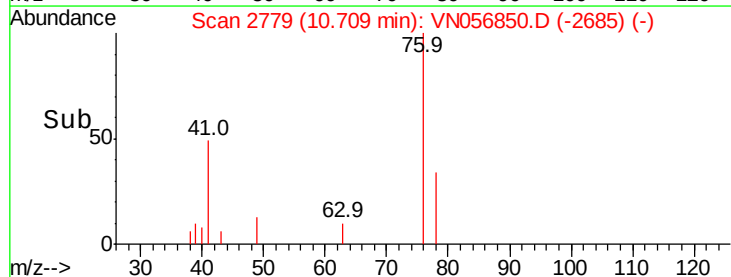
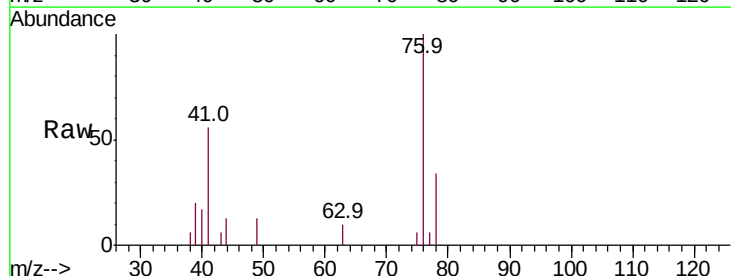
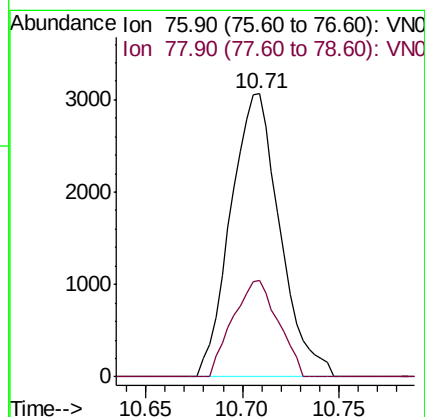
RT: 10.71 min Scan# 2779

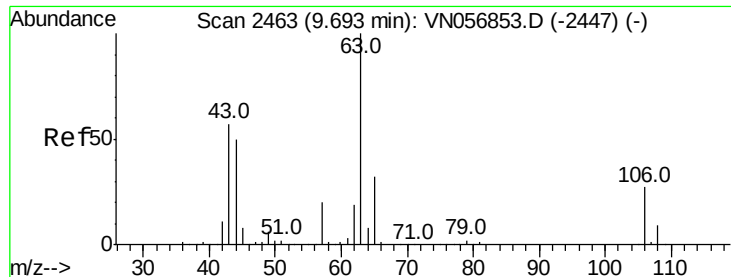
Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Tgt Ion:	76	Resp:	5425
Ion	Ratio	Lower	Upper
76	100		
78	31.3	25.8	38.6





#58

2-Chloroethyl Vinyl ether

Concen: 2.920 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 6796

Ion Ratio Lower Upper

63 100

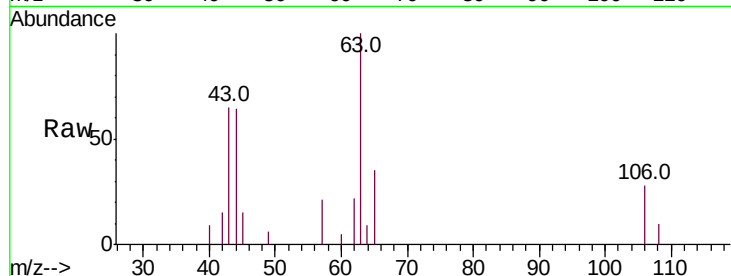
106 28.9 21.8 32.8

Manual Integrations

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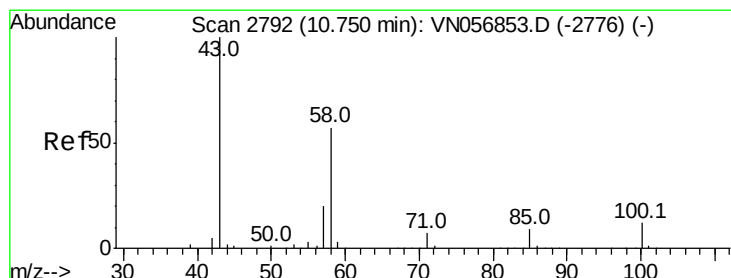
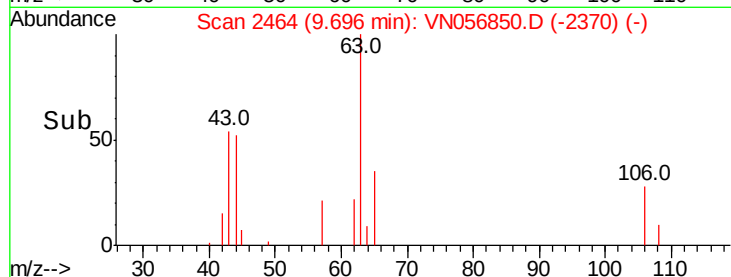
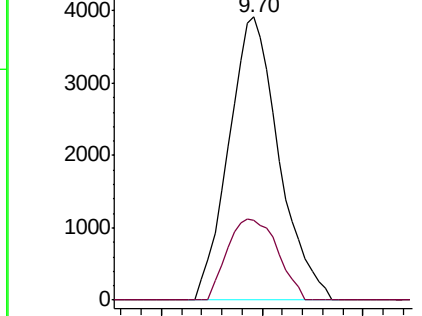
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 3.772 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN056850.D

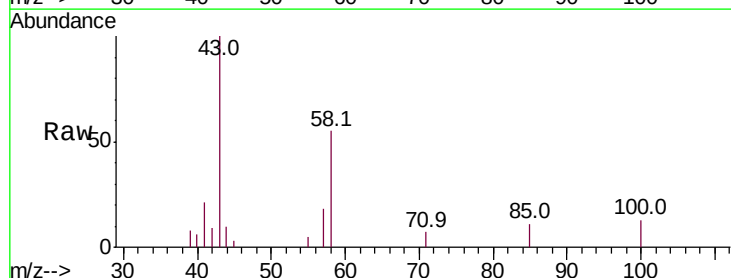
Acq: 22 Jul 2019 11:09

Tgt Ion: 43 Resp: 11920

Ion Ratio Lower Upper

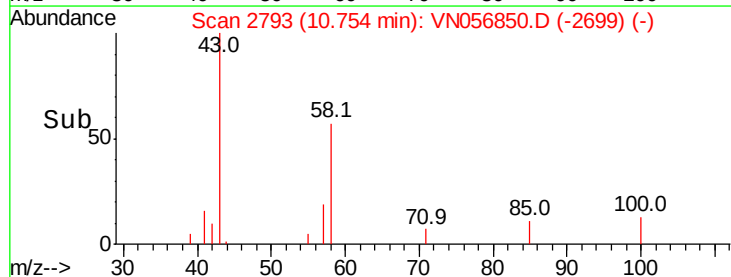
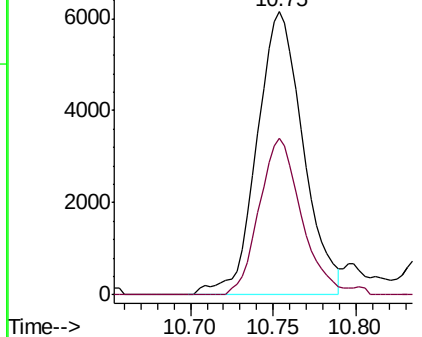
43 100

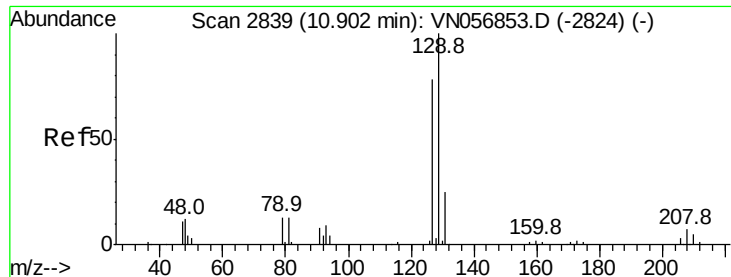
58 50.4 28.3 85.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#60

Dibromochloromethane

Concen: 0.831 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2843

Ion Ratio Lower Upper

129 100

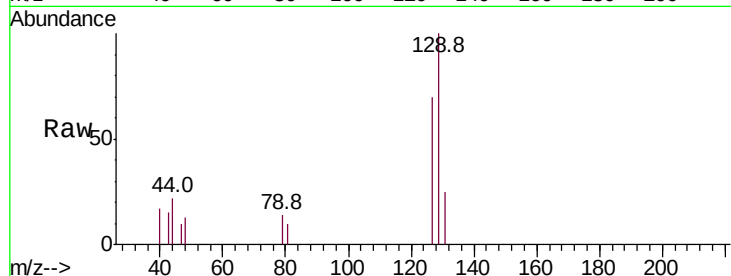
127 85.1 38.5 115.5

Manual Integrations

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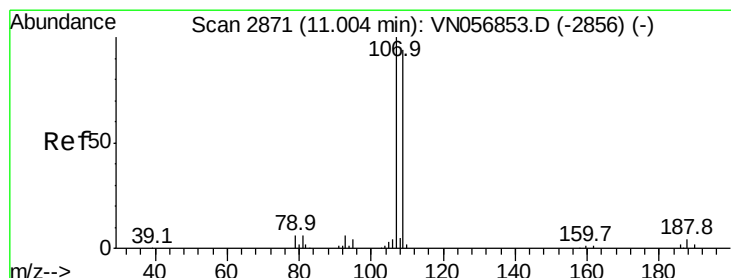
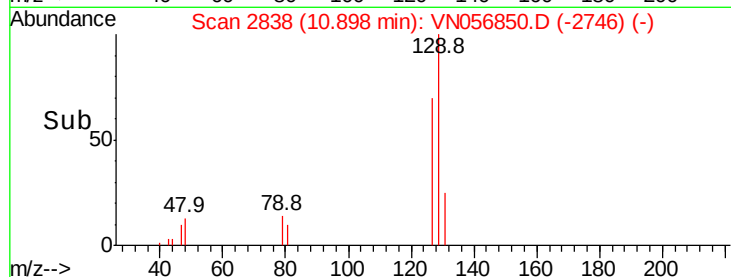
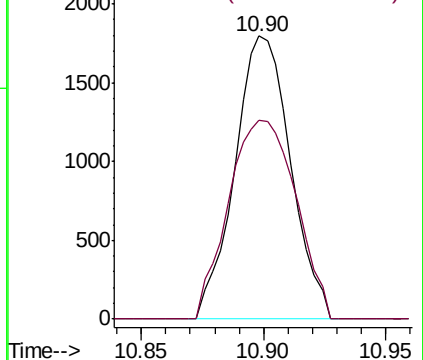
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.821 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056850.D

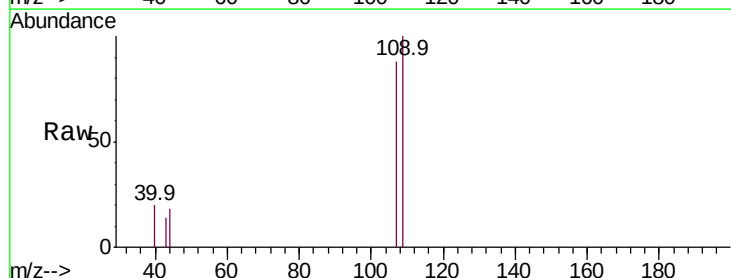
Acq: 22 Jul 2019 11:09

Tgt Ion:107 Resp: 2838

Ion Ratio Lower Upper

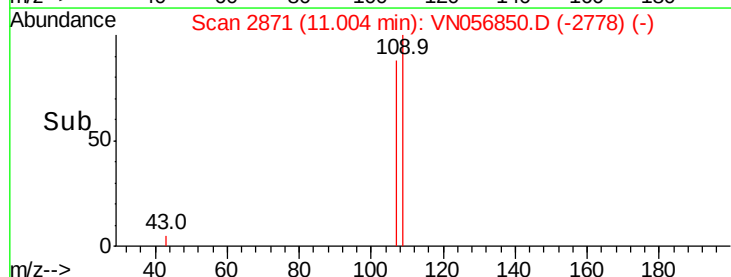
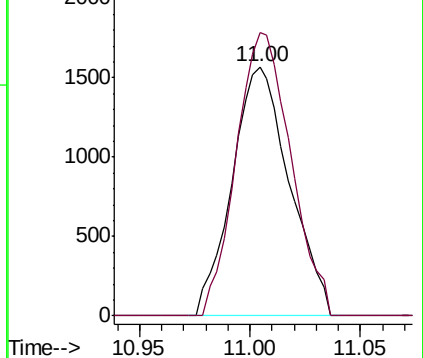
107 100

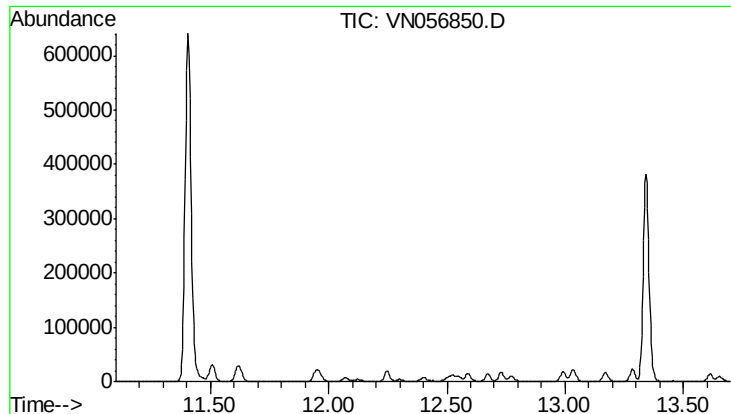
109 108.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





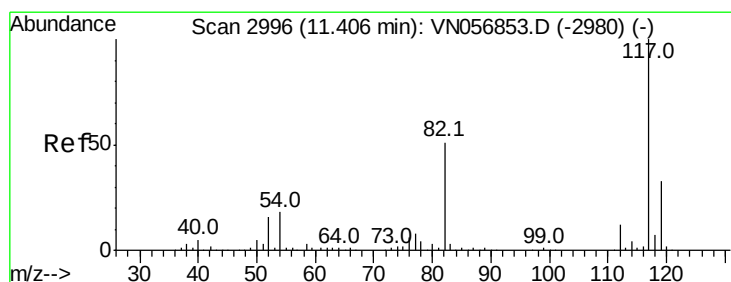
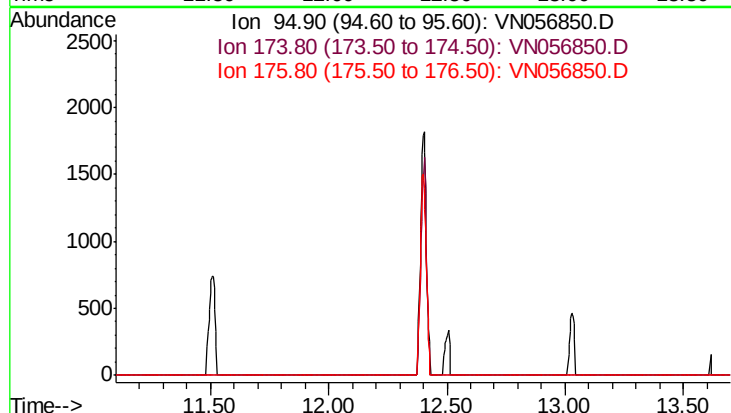
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.40 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	91.7
176	87.9

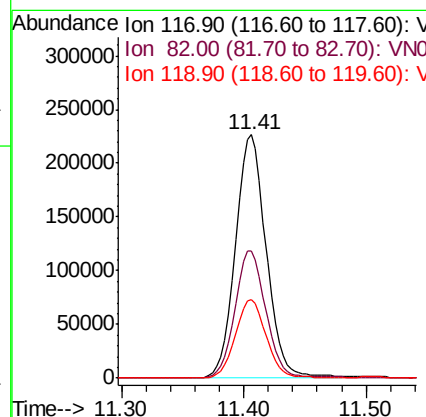
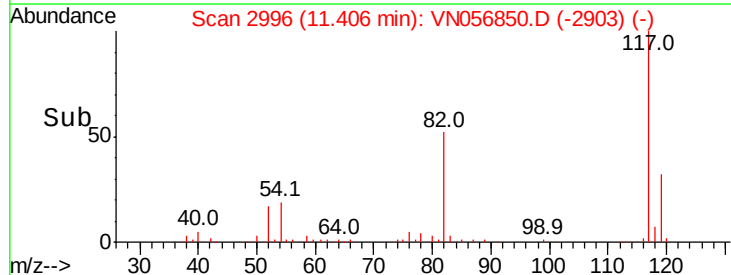
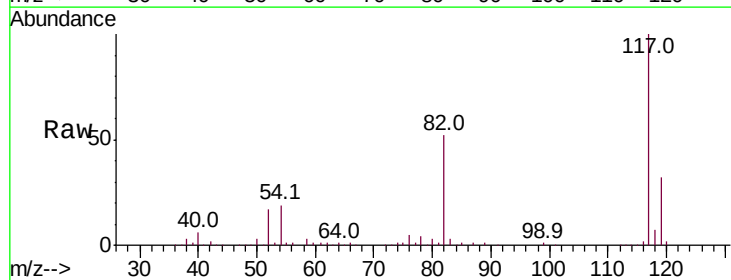
Manual Integrations
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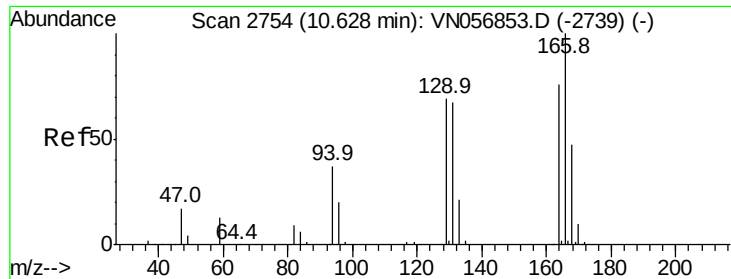
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 7/25/2019 3:01:03 PM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion	117	Resp	397139
Ion Ratio	Lower	Upper	
117	100		
82	52.4	41.2	61.8
119	32.4	26.4	39.6





#64

Tetrachloroethene

Concen: 1.063 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:164 Resp: 3694

Ion Ratio Lower Upper

164 100

166 114.1 104.9 157.3

129 87.8 72.8 109.2

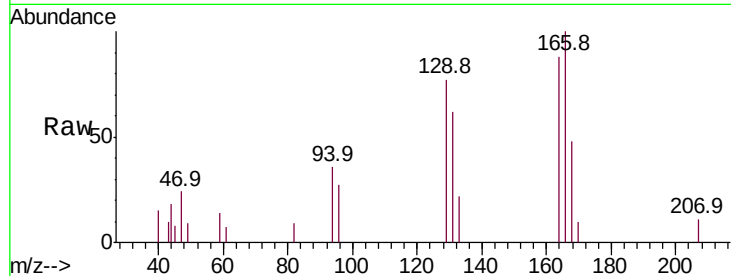
131 70.2 70.2 105.2

Manual Integrations

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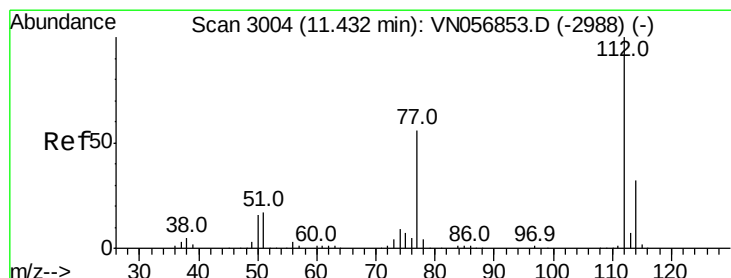
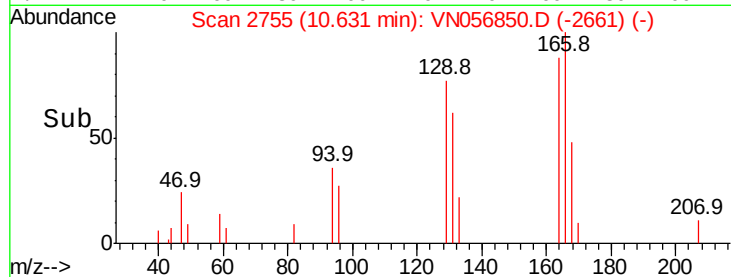
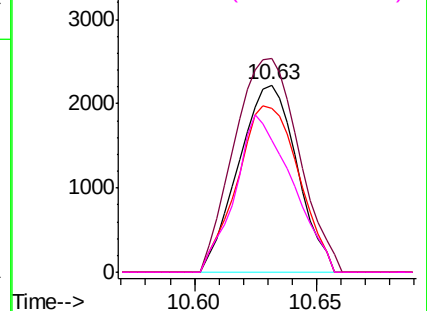
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.018 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056850.D

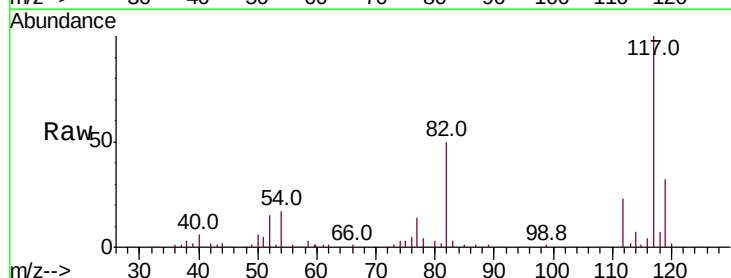
Acq: 22 Jul 2019 11:09

Tgt Ion:112 Resp: 8377

Ion Ratio Lower Upper

112 100

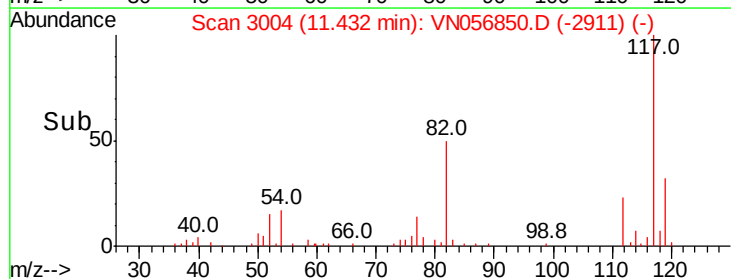
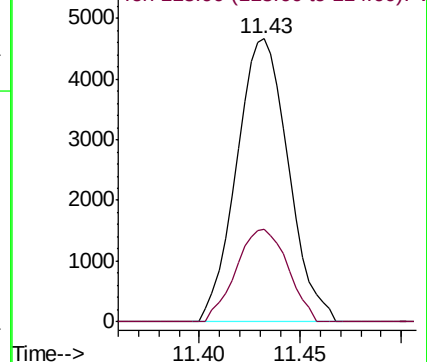
114 32.6 25.5 38.3

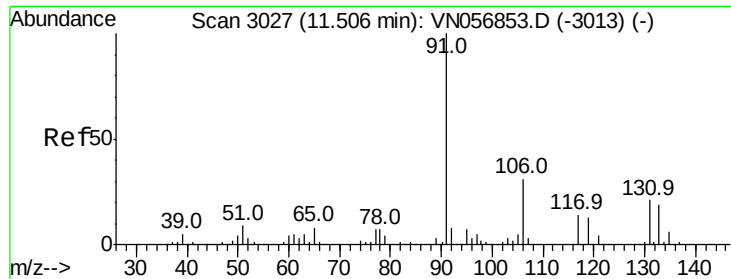


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





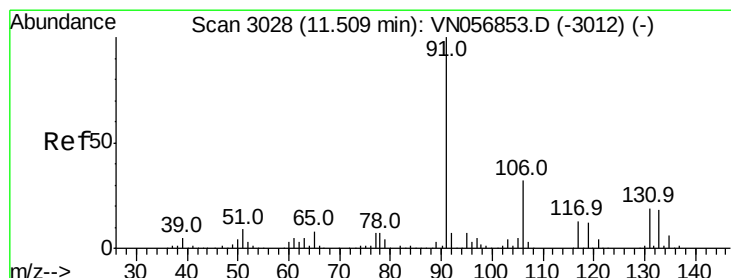
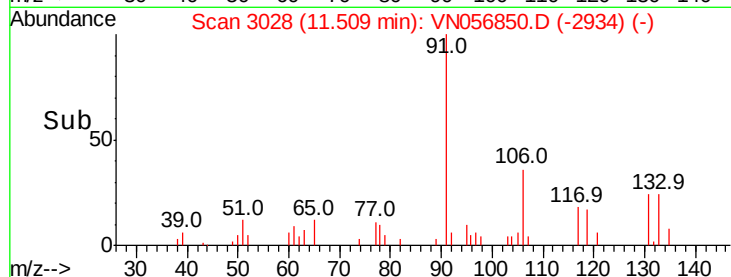
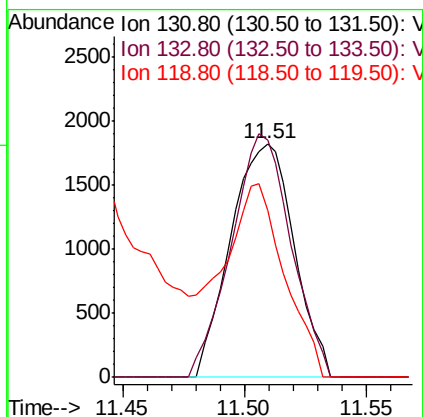
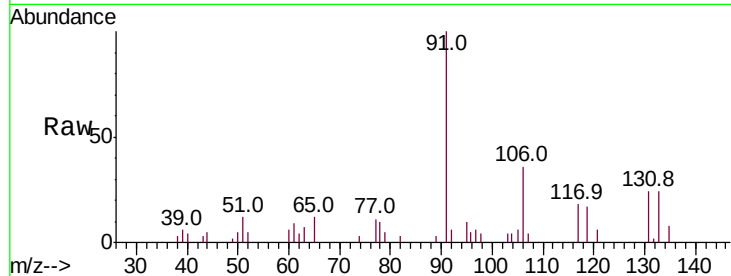
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.082 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:131 Resp: 3276
 Ion Ratio Lower Upper
 131 100
 133 98.2 47.4 142.3
 119 0.0 33.1 99.5#

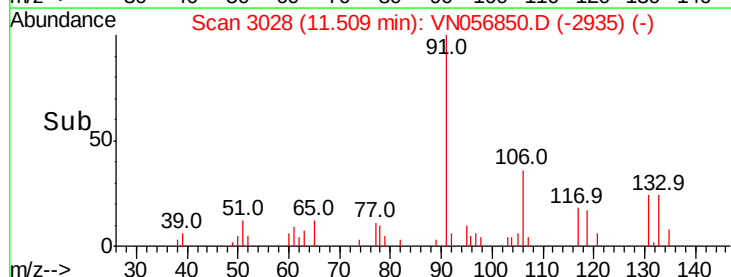
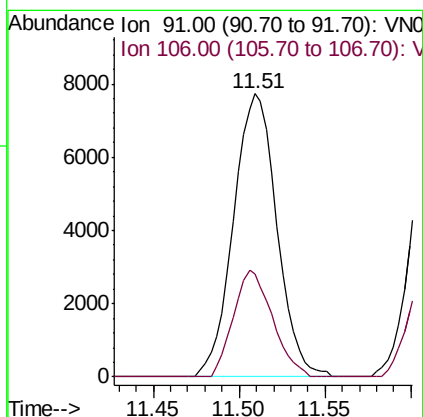
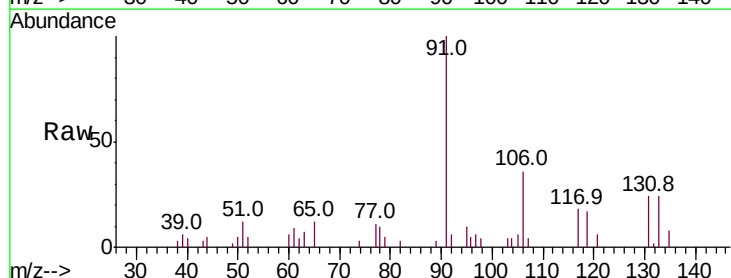
Manual Integrations
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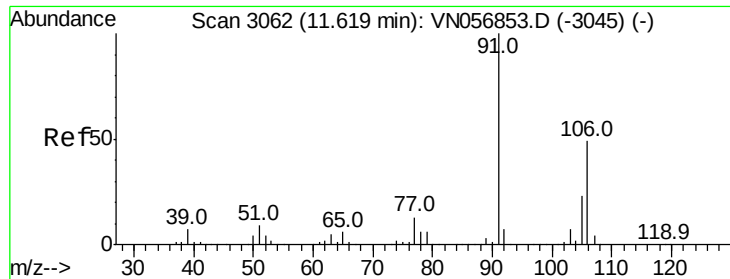
MMDadoda
 7/25/2019 3:01:03 PM



#67
 Ethyl Benzene
 Concen: 0.937 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion: 91 Resp: 13521
 Ion Ratio Lower Upper
 91 100
 106 36.3 25.3 37.9





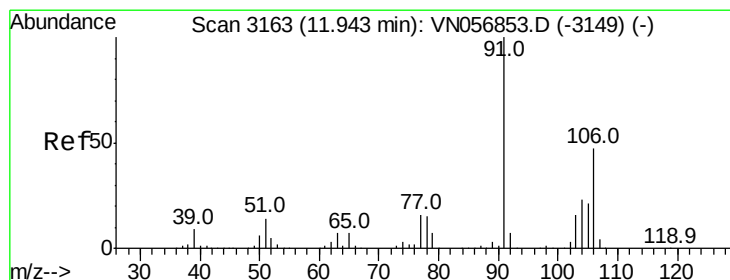
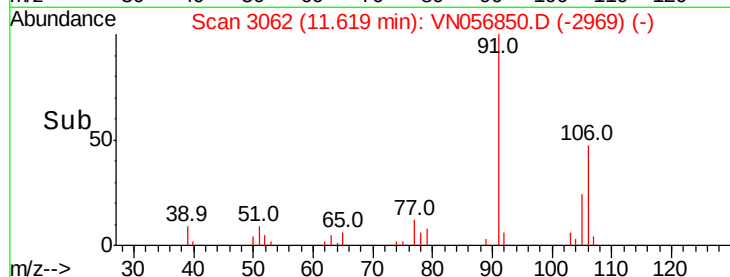
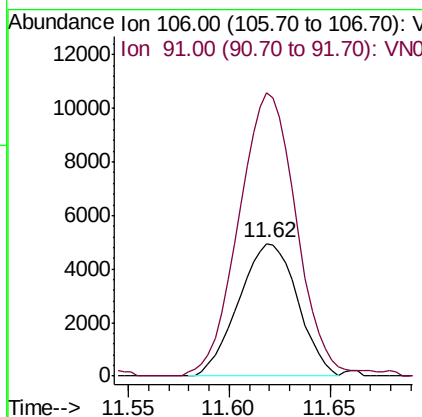
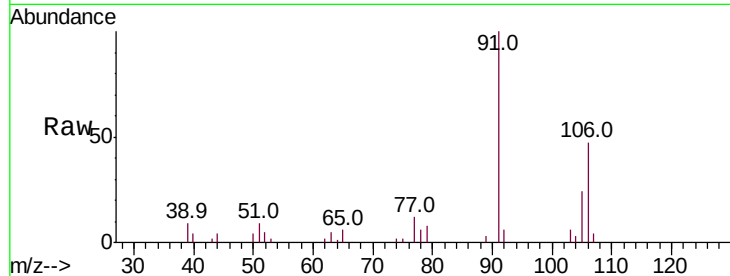
#68
m/p-Xylenes
Concen: 1.870 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 10085
Ion Ratio Lower Upper
106 100
91 211.3 160.5 240.7

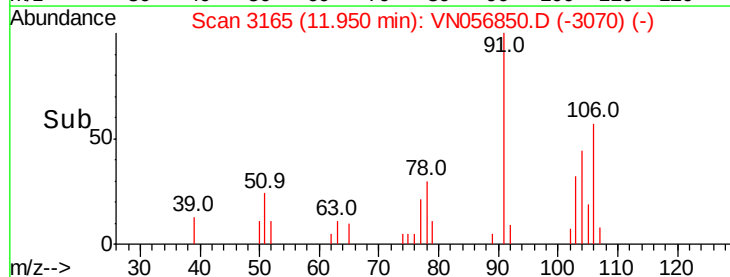
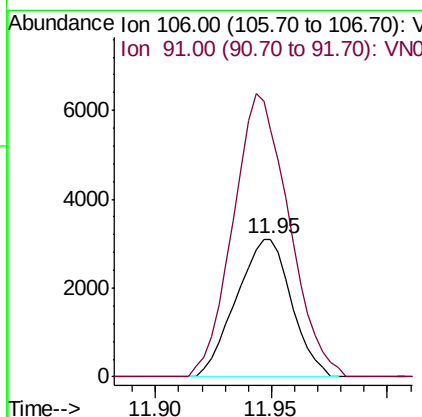
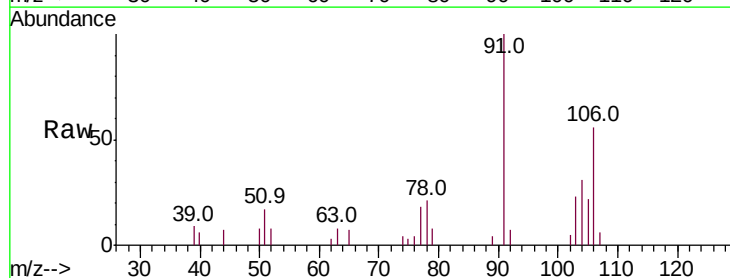
Manual Integrations
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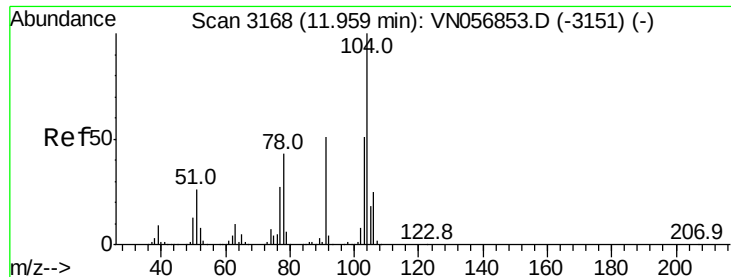
MMDadoda
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#69
o-Xylene
Concen: 0.964 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.01 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion:106 Resp: 5112
Ion Ratio Lower Upper
106 100
91 208.6 105.1 315.3





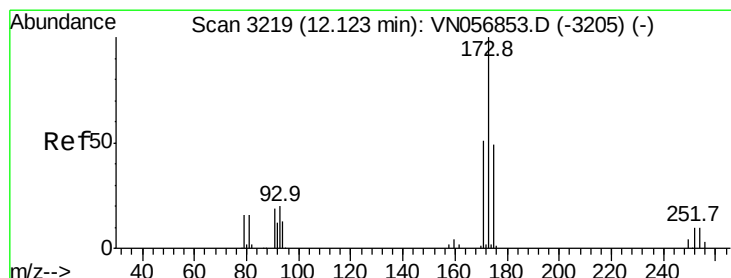
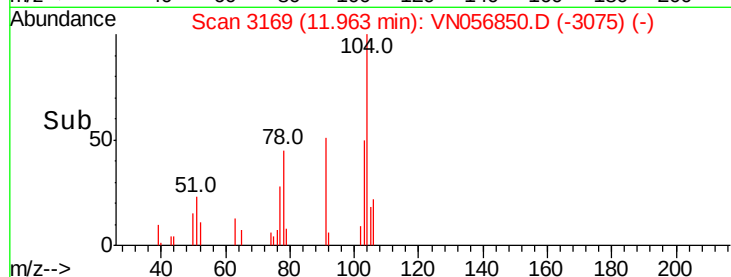
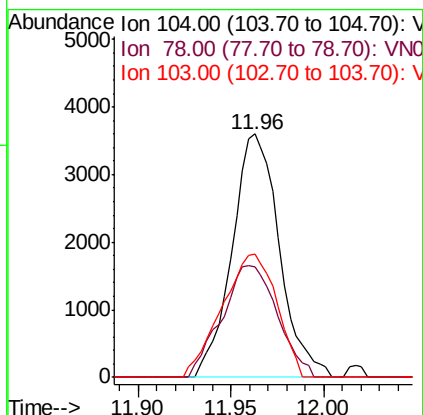
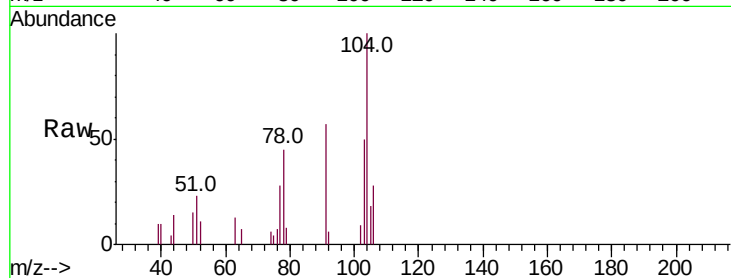
#70
Stvrene
Concen: 0.744 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.0	38.1	57.1
103	58.6	44.2	66.4

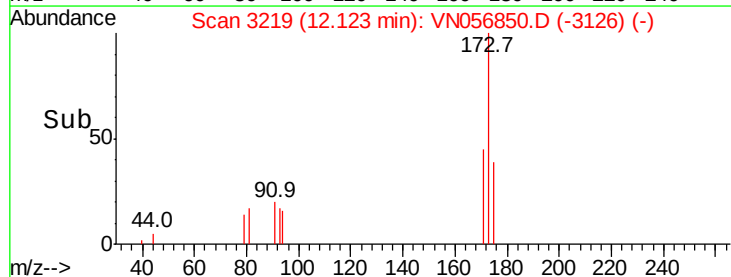
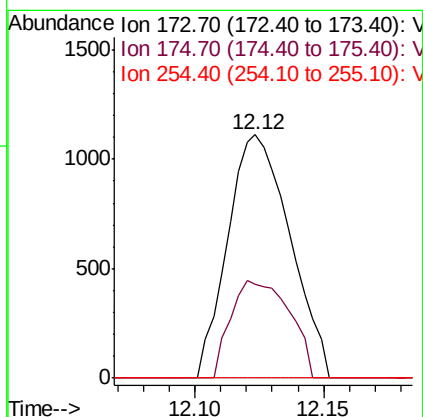
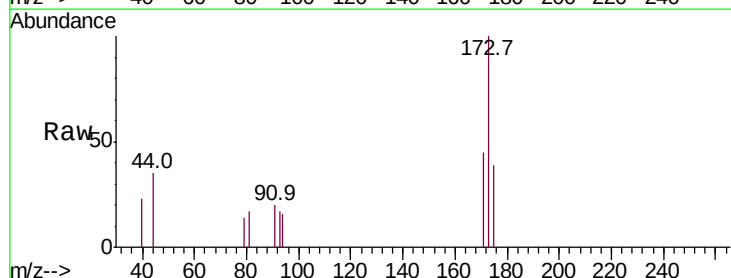
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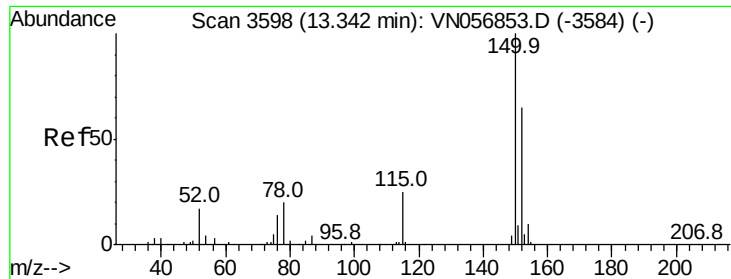
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#71
Bromoform
Concen: 0.823 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion	Ratio	Lower	Upper
173	100		
175	37.8	24.1	72.3
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

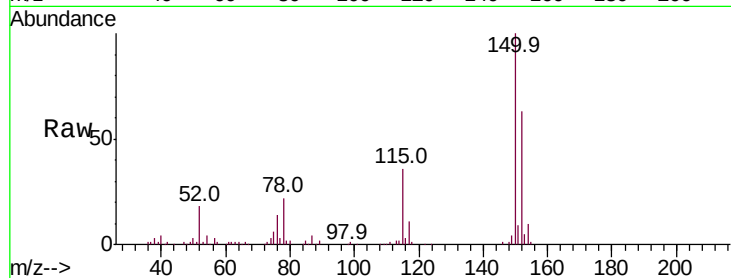
ClientSampled :

VSTDIC001

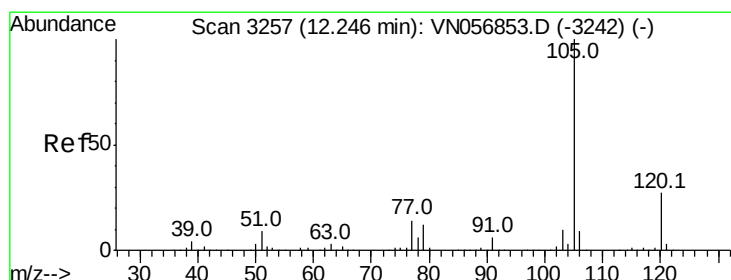
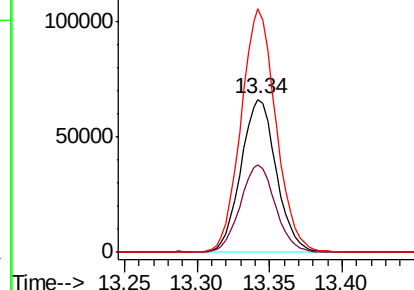
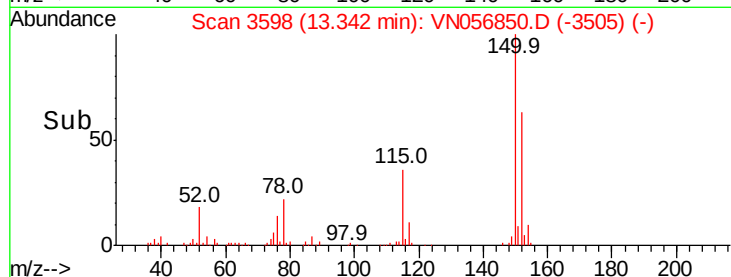
Tot Ion:	152	Resp:	112404
Ion Ratio	Lower	Upper	
152	100		
115	56.6	27.6	82.7
150	157.2	0.0	343.0

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.363 ug/l

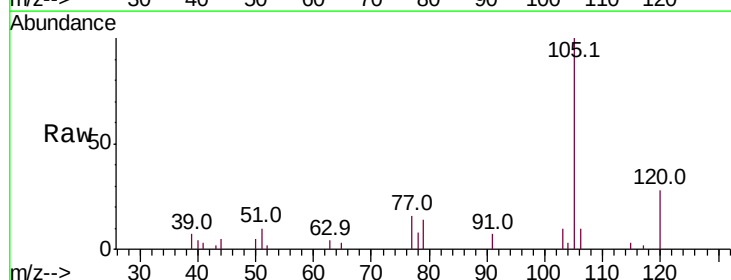
RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

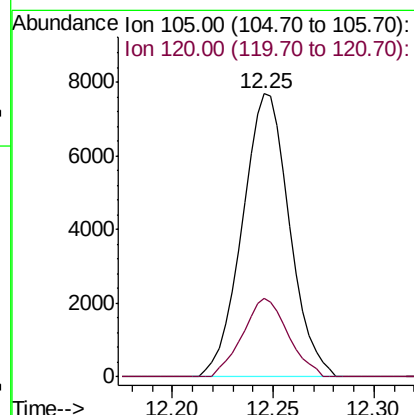
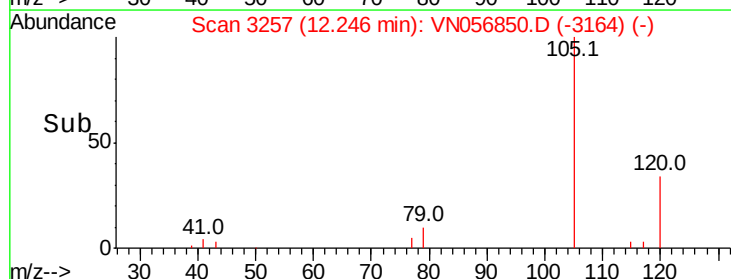
Lab File: VN056850.D

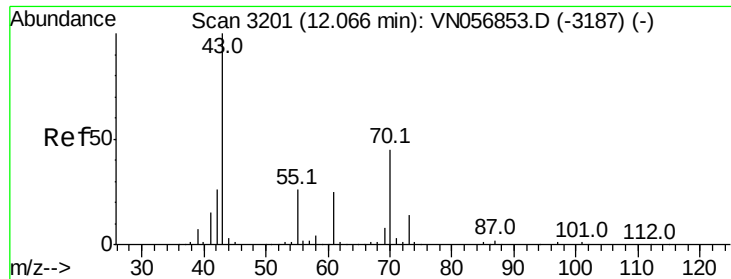
Acq: 22 Jul 2019 11:09

Tgt Ion:	105	Resp:	12573
Ion Ratio	Lower	Upper	
105	100		
120	26.7	13.4	40.2



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





#74

N-amvl acetate

Concen: 1.268 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 4258

Ion Ratio Lower Upper

43 100

70 30.6 35.3 52.9#

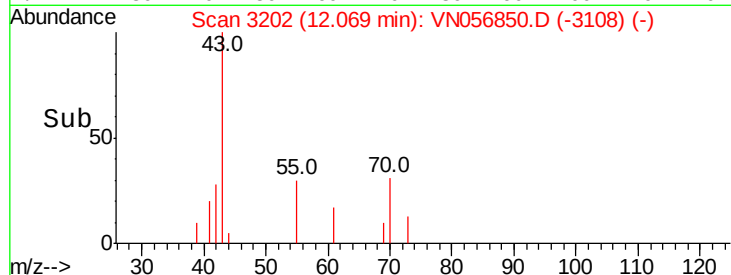
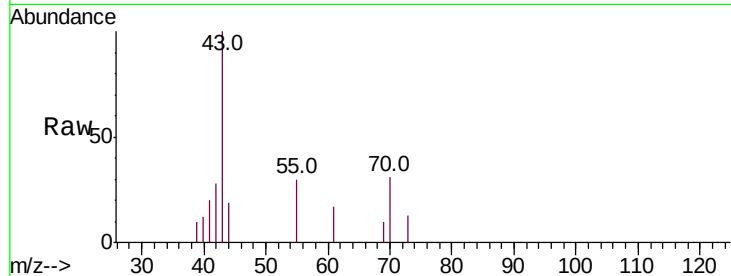
55 21.1 20.6 31.0

61 16.2 20.2 30.2#

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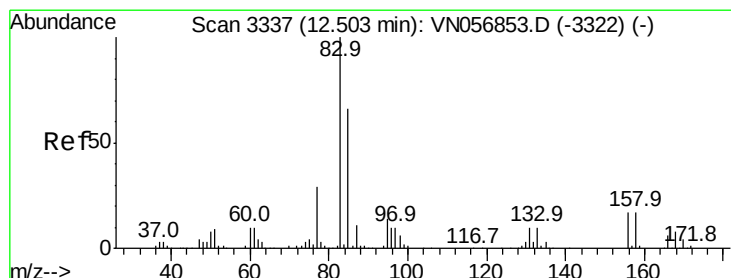
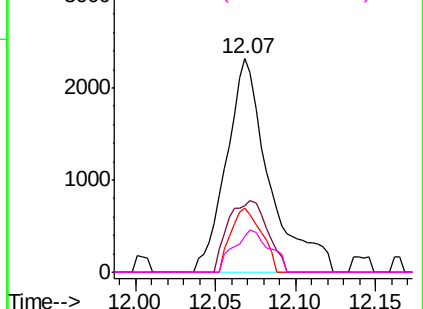


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.347 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

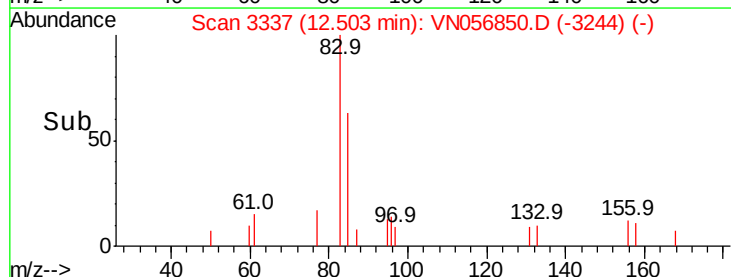
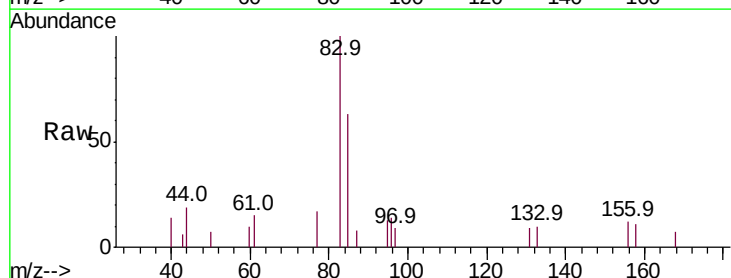
Tgt Ion: 83 Resp: 4099

Ion Ratio Lower Upper

83 100

131 8.1 5.1 15.4

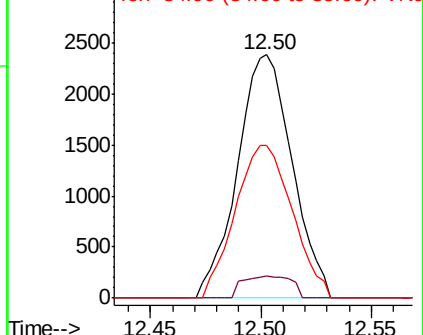
85 65.2 32.8 98.3

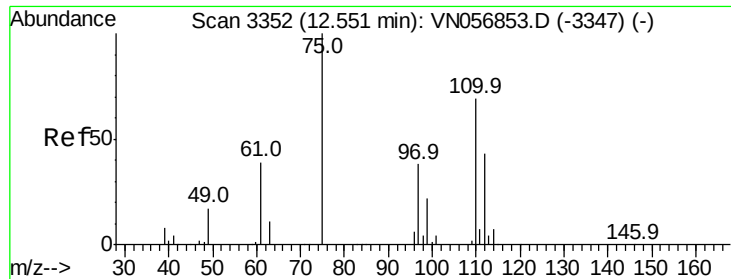


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





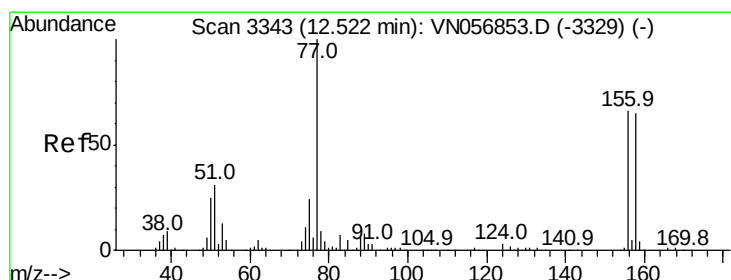
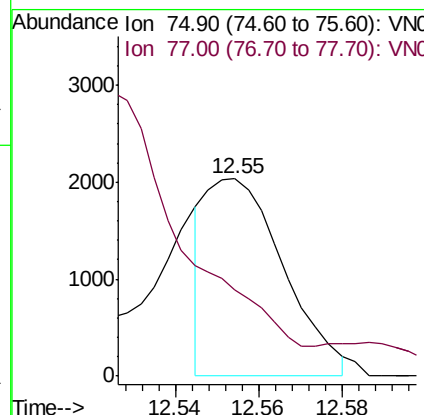
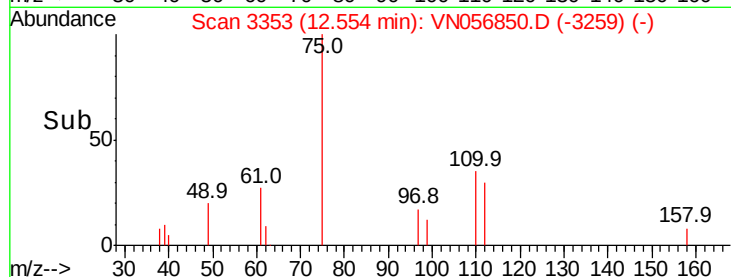
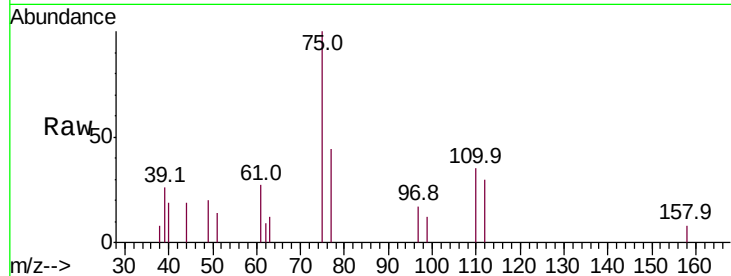
#76
 1,2,3-Trichloropropane
 Concen: 1.083 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 2645
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

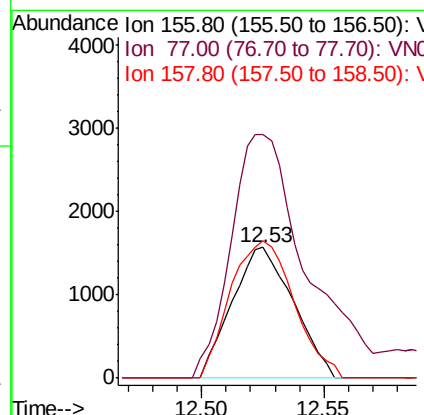
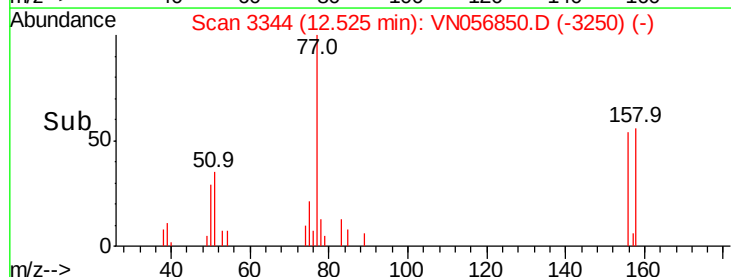
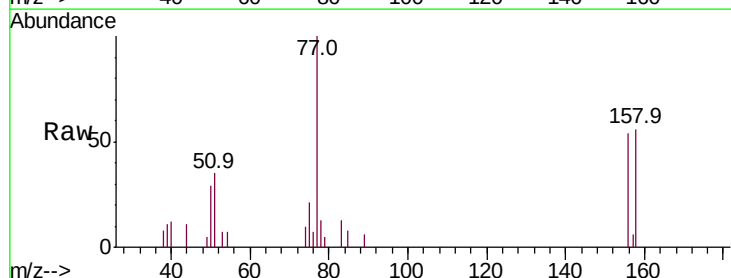
Manual Integrations
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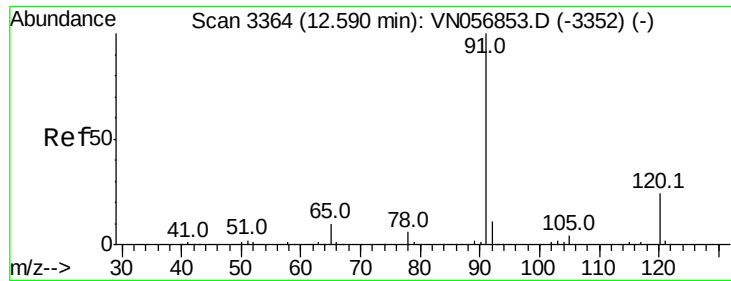
MMDadoda
 7/25/2019 3:01:03 PM



#77
 Bromobenzene
 Concen: 1.134 ug/l
 RT: 12.53 min Scan# 3344
 Delta R.T. 0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion: 156 Resp: 2733
 Ion Ratio Lower Upper
 156 100
 77 230.7 90.7 272.1
 158 109.6 48.5 145.5





#78

n-propylbenzene

Concen: 1.176 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 11976

Ion Ratio Lower Upper

91 100

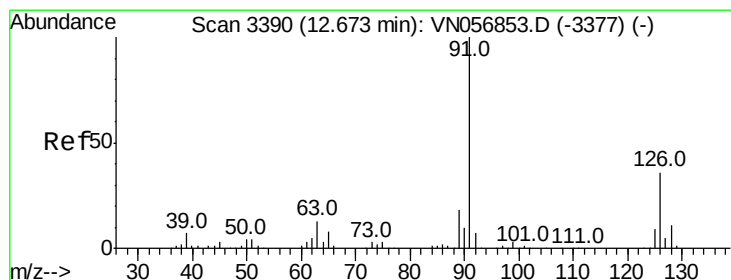
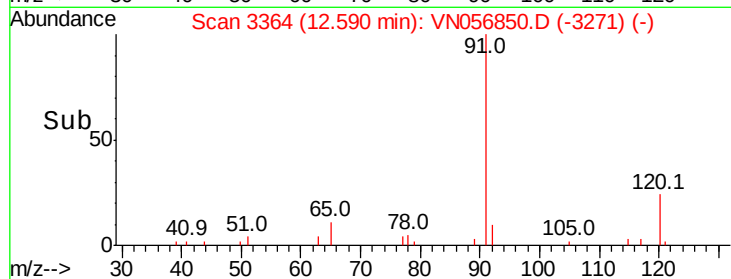
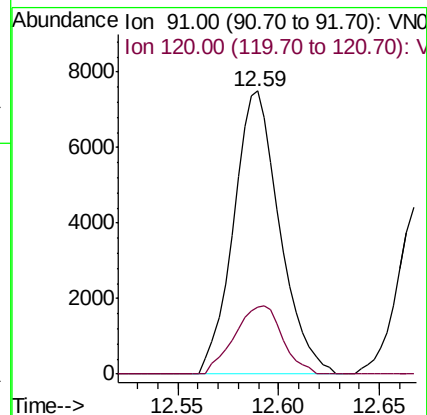
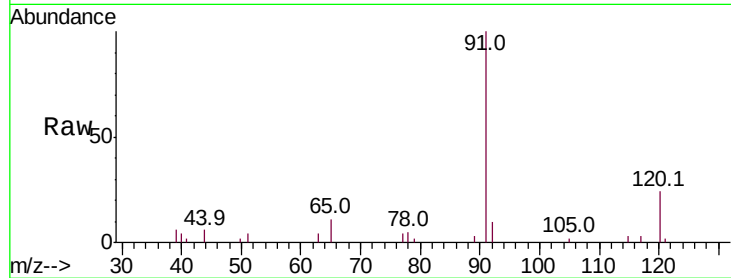
120 25.1 11.8 35.4

Manual Integrations

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#79

2-Chlorotoluene

Concen: 1.340 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056850.D

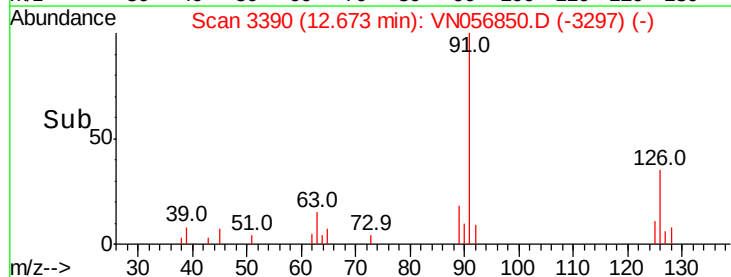
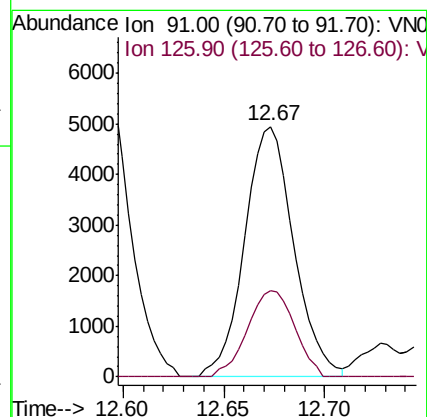
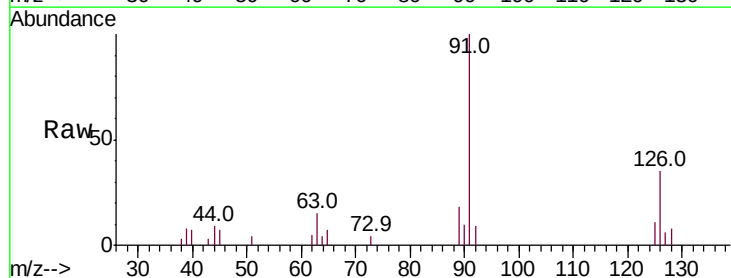
Acq: 22 Jul 2019 11:09

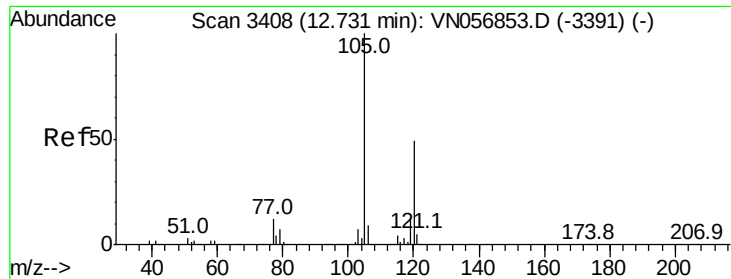
Tgt Ion: 91 Resp: 8445

Ion Ratio Lower Upper

91 100

126 33.3 17.8 53.5





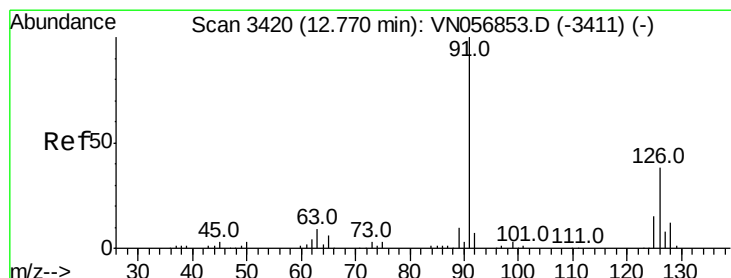
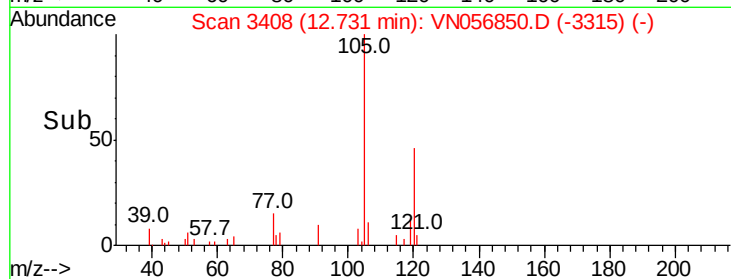
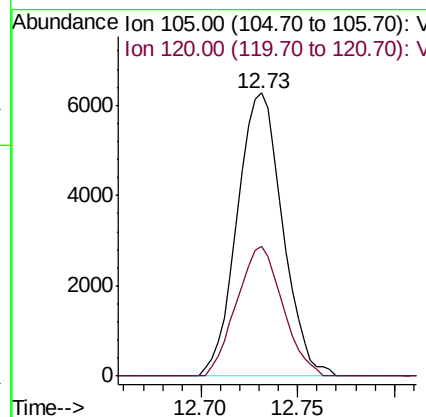
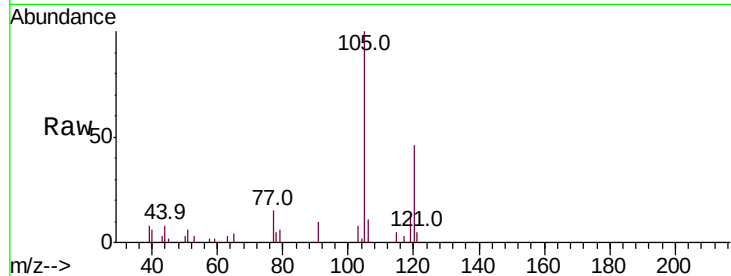
#80
 1,3,5-Trimethylbenzene
 Concen: 1.314 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 10243
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.7 74.1

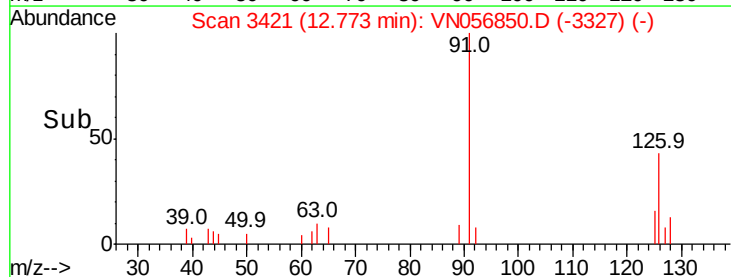
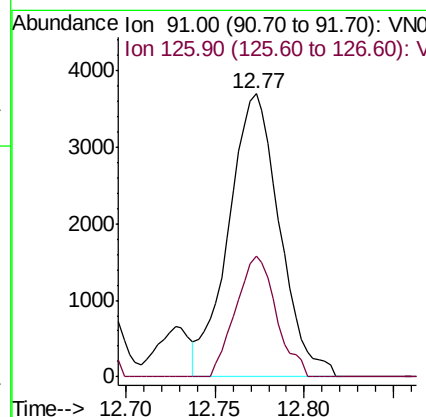
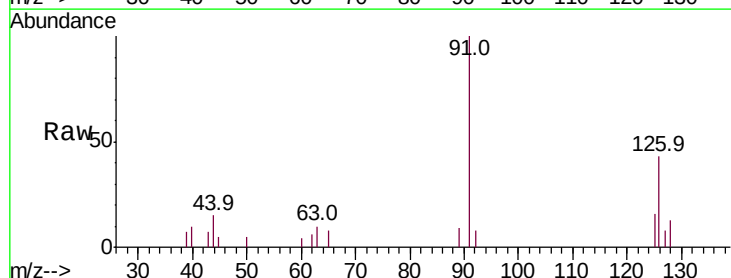
Manual Integrations
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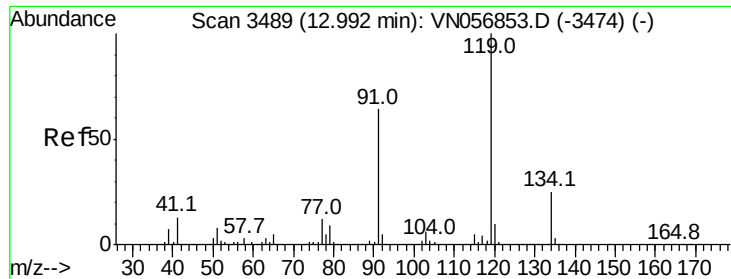
MMDadoda
 7/25/2019 3:01:03 PM



#82
 4-Chlorotoluene
 Concen: 1.232 ug/l
 RT: 12.77 min Scan# 3421
 Delta R.T. 0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion: 91 Resp: 7373
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.3 52.0





#83

tert-Butylbenzene

Concen: 1.370 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN056850.D

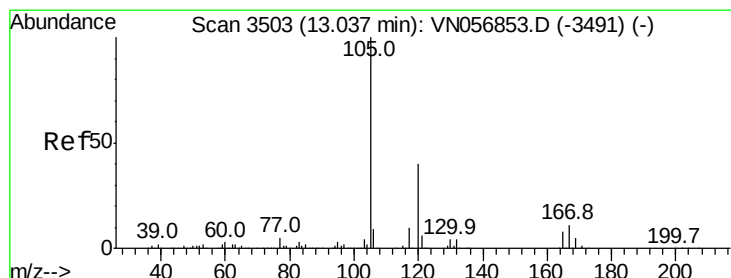
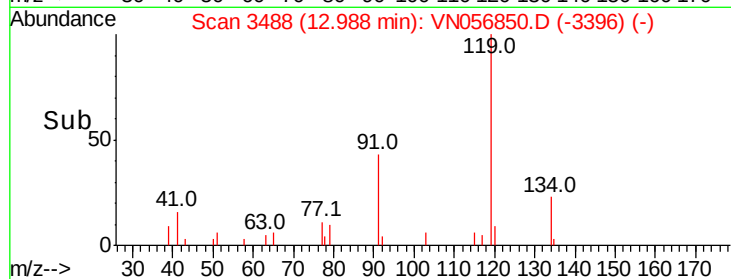
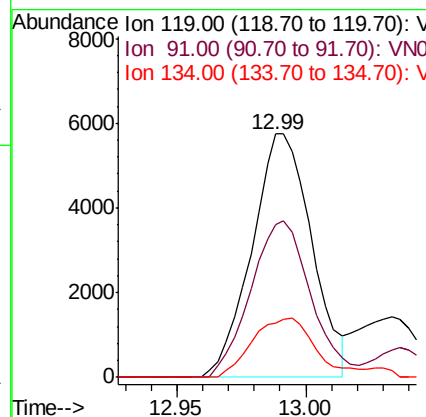
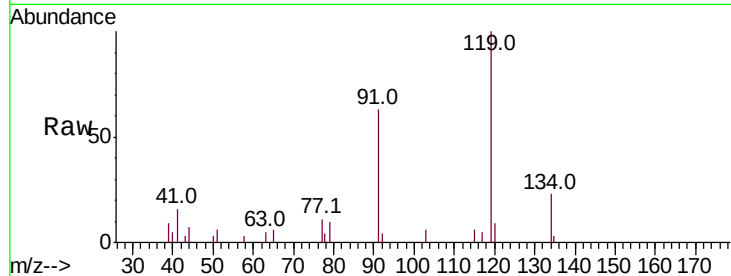
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	31.5	94.5
134	25.5	12.2	36.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 1.188 ug/l

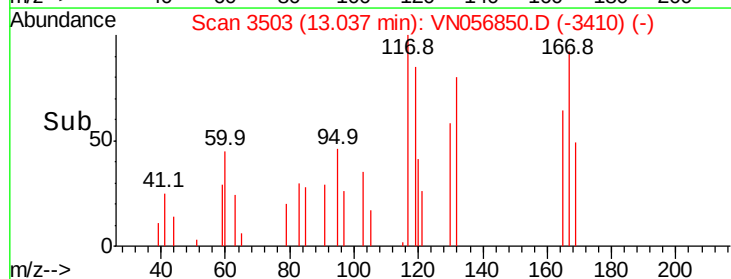
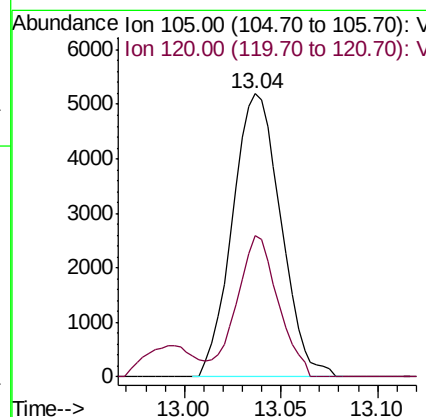
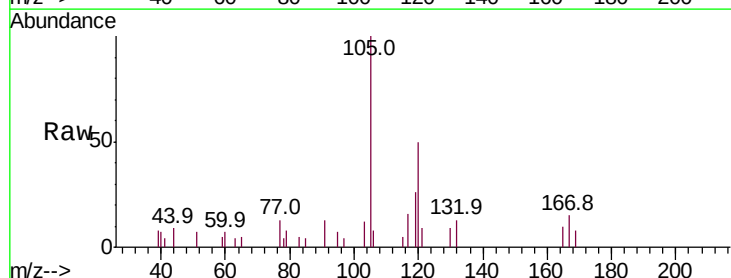
RT: 13.04 min Scan# 3503

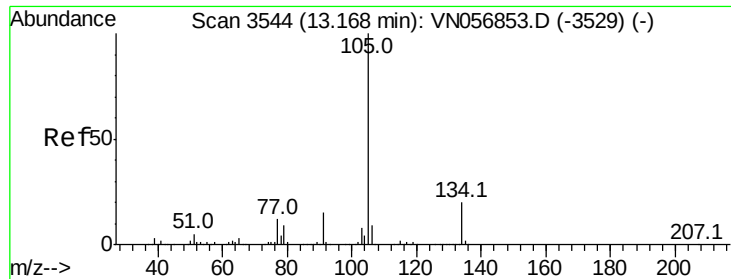
Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	23.2	69.5





#85

sec-Butylbenzene

Concen: 1.282 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 11122

Ion Ratio Lower Upper

105 100

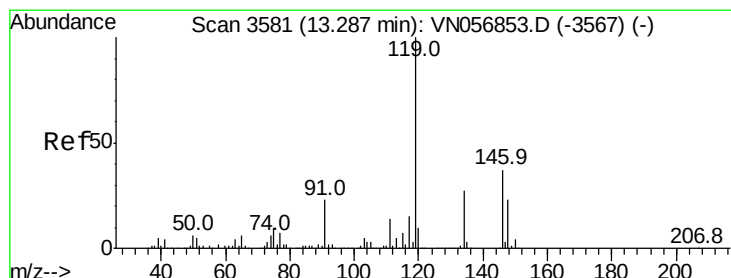
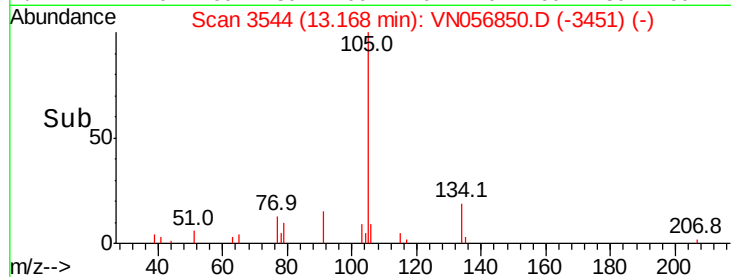
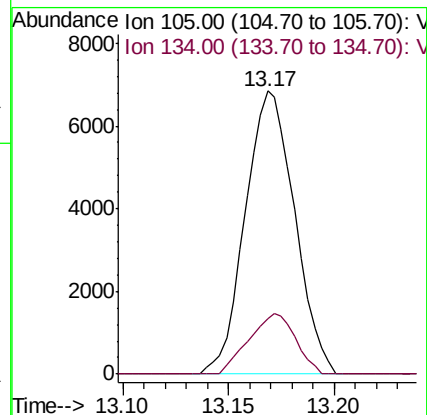
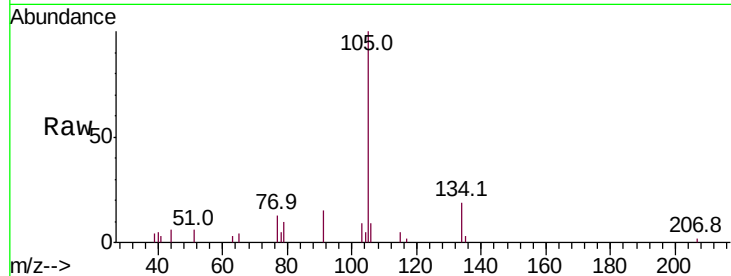
134 20.3 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 1.190 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

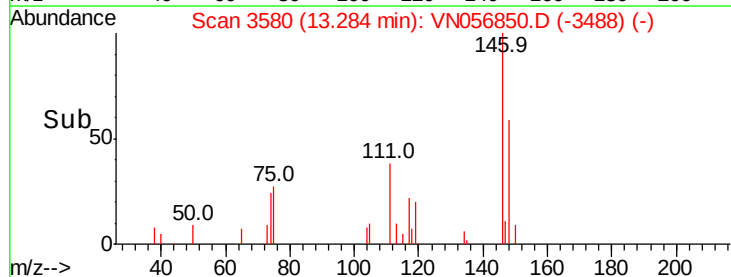
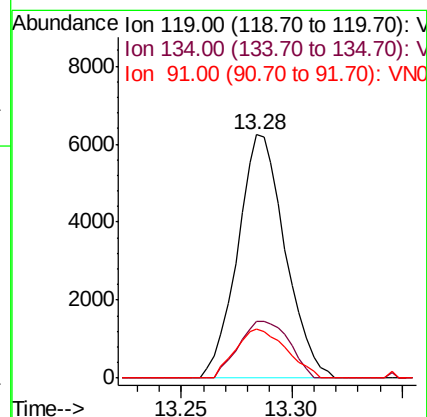
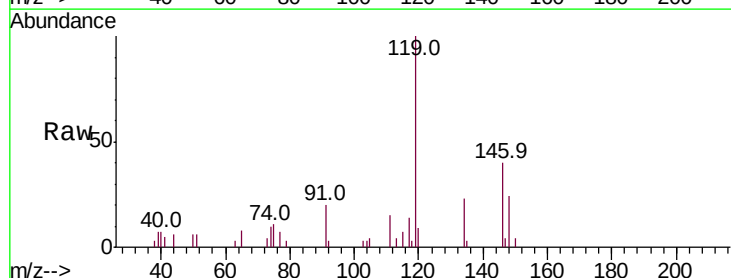
Tgt Ion:119 Resp: 9339

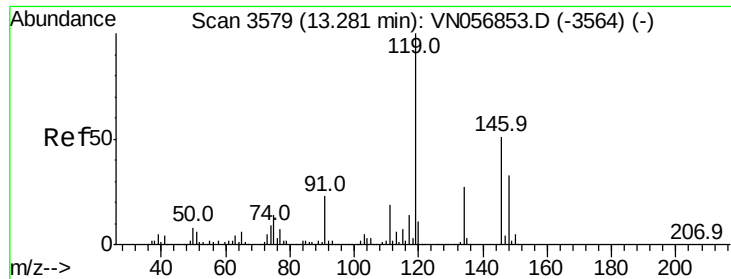
Ion Ratio Lower Upper

119 100

134 24.7 13.6 40.8

91 21.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 1.125 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

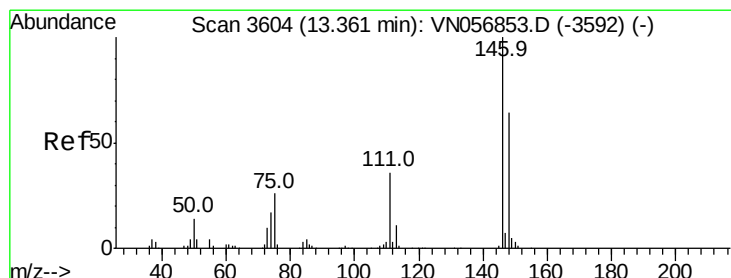
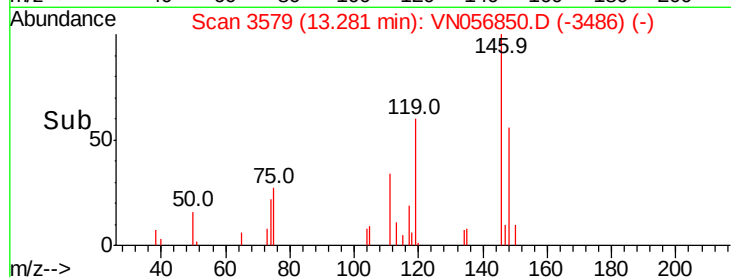
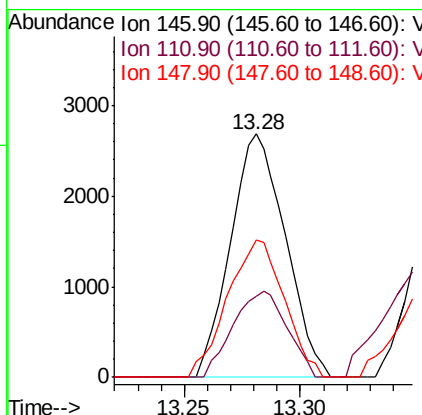
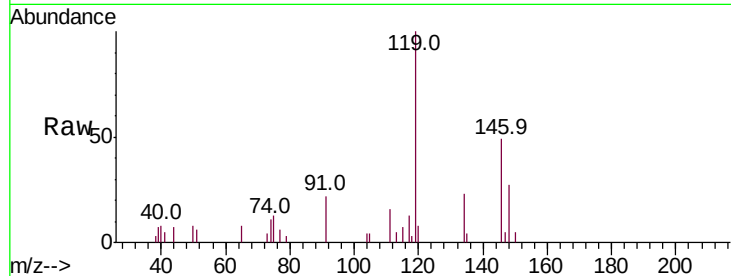
ClientSampled :

VSTDIC001

Tot Ion:	146	Resp:	4409
Ion Ratio	Lower	Upper	
146	100		
111	34.9	18.9	56.5
148	58.4	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 1.115 ug/l m

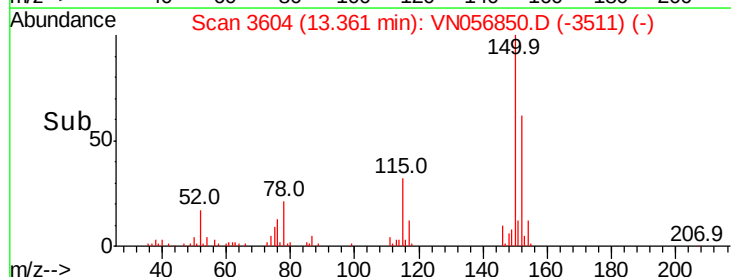
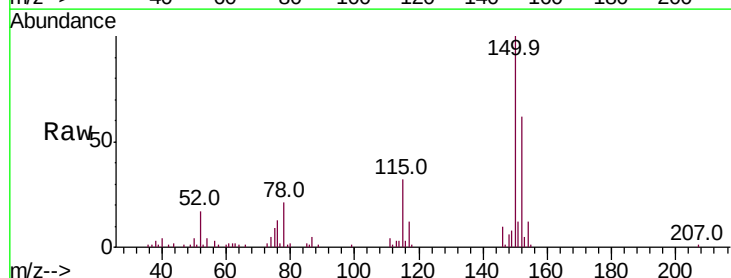
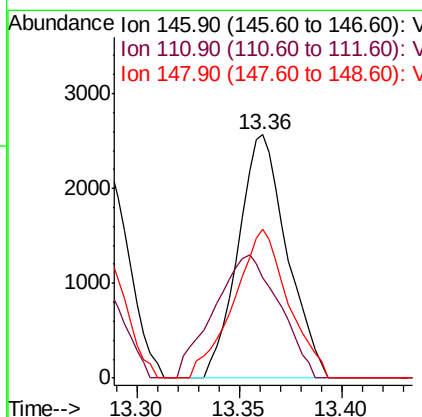
RT: 13.36 min Scan# 3604

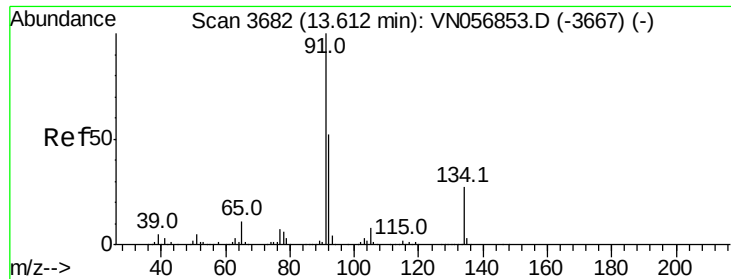
Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Tgt Ion:	146	Resp:	4249
Ion Ratio	Lower	Upper	
146	100		
111	36.2	18.3	54.9
148	60.6	32.1	96.3





#89

n-Butylbenzene

Concen: 0.987 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

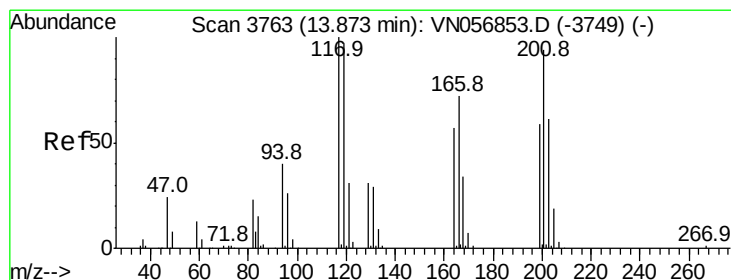
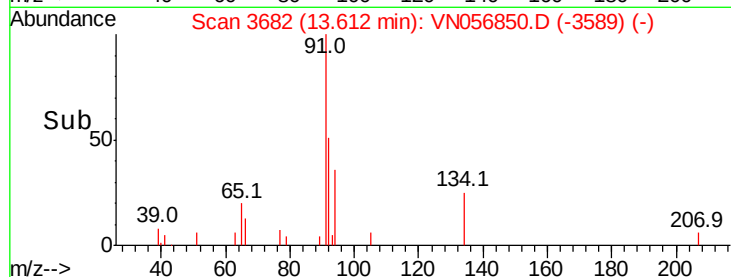
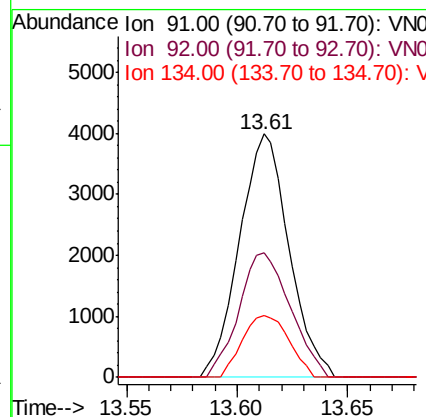
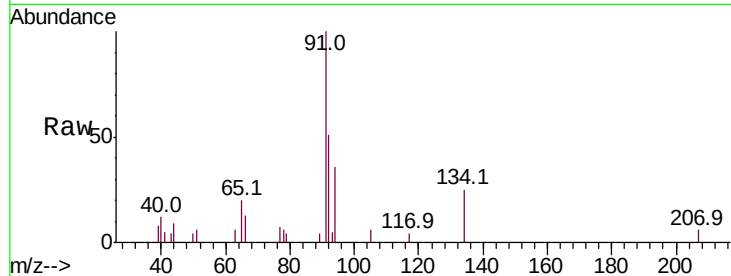
ClientSampled :

VSTDIC001

Tot Ion:	91	Resp:	6198
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.0	78.0
134	24.0	13.3	39.9

Manual Integrations
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#90

Hexachloroethane

Concen: 1.383 ug/l

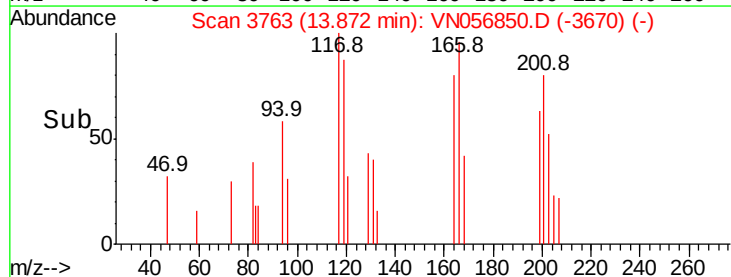
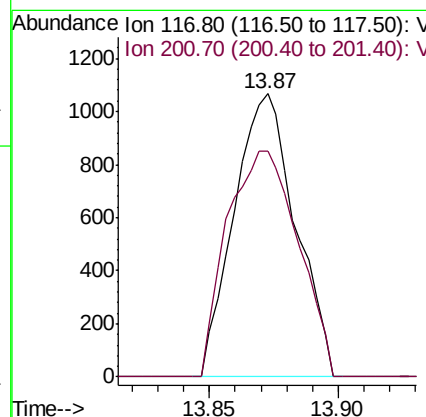
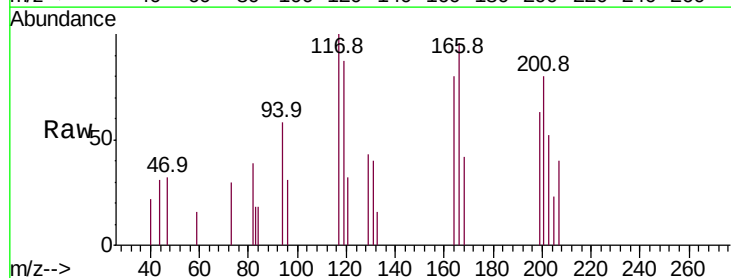
RT: 13.87 min Scan# 3763

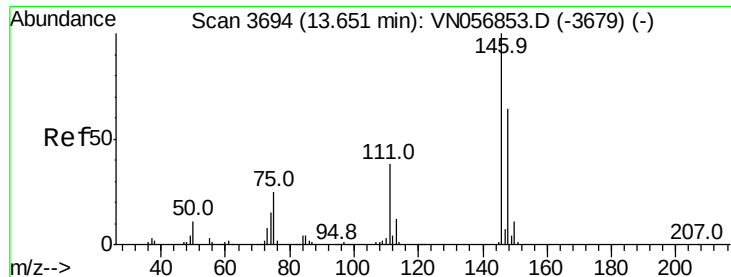
Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Tgt Ion:	117	Resp:	1768
Ion	Ratio	Lower	Upper
117	100		
201	92.3	47.1	141.3





#91

1,2-Dichlorobenzene

Concen: 1.159 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

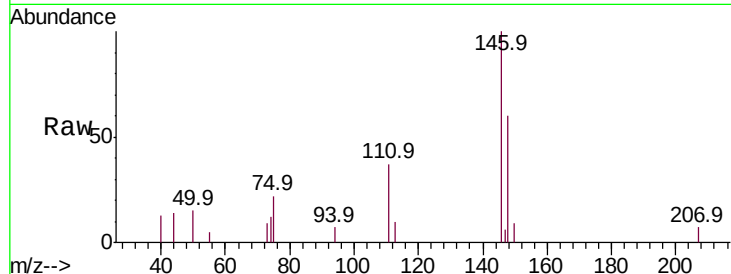
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	4640
Ion	Ratio	Lower	Upper
146	100		
111	36.1	19.1	57.5
148	59.2	32.1	96.5

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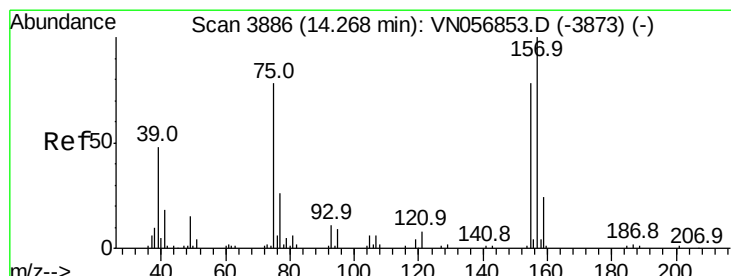
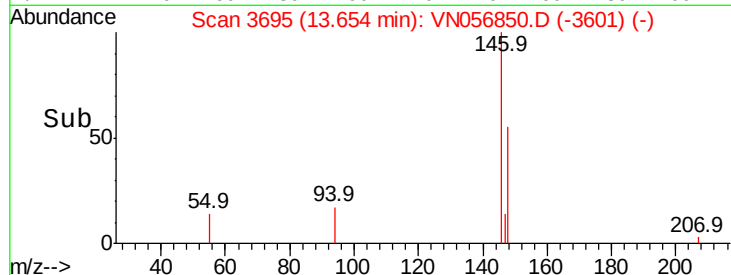
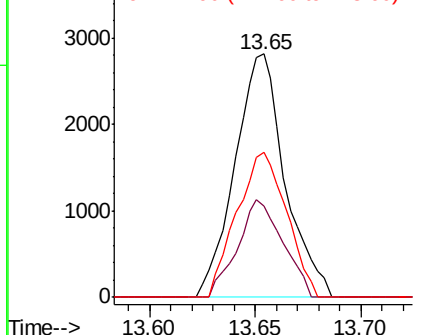
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.056 ug/l

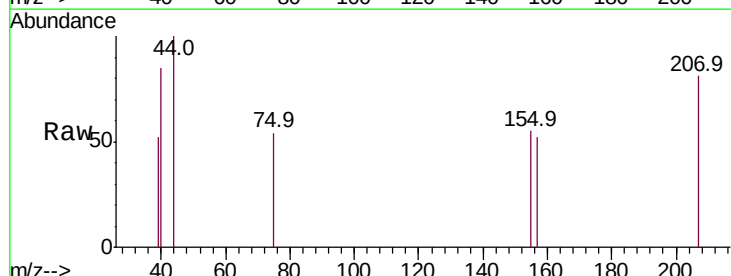
RT: 14.26 min Scan# 3884

Delta R.T. -0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

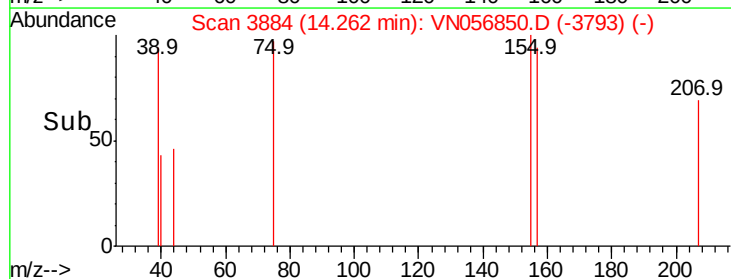
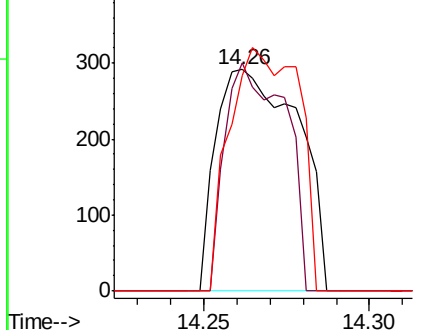
Tgt Ion:	75	Resp:	503
Ion	Ratio	Lower	Upper
75	100		
155	75.3	49.9	149.6
157	92.4	64.8	194.4

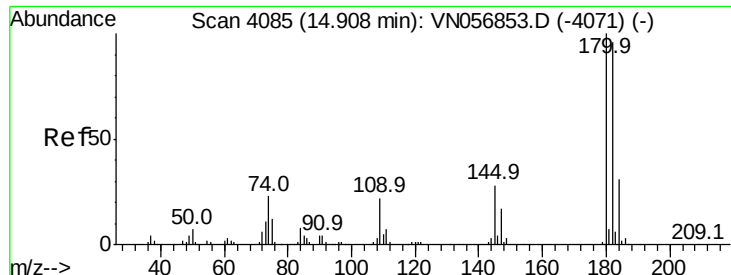


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





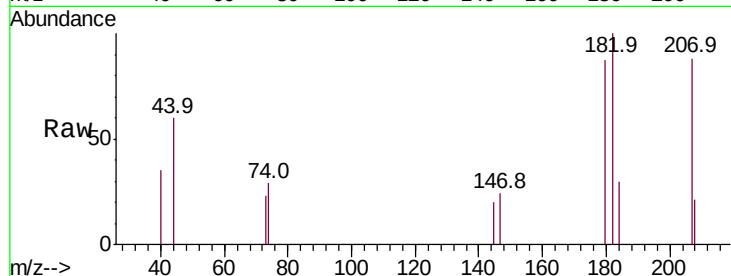
#93
 1,2,4-Trichlorobenzene
 Concen: 0.650 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

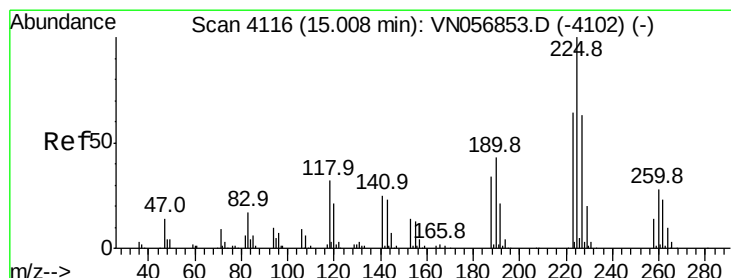
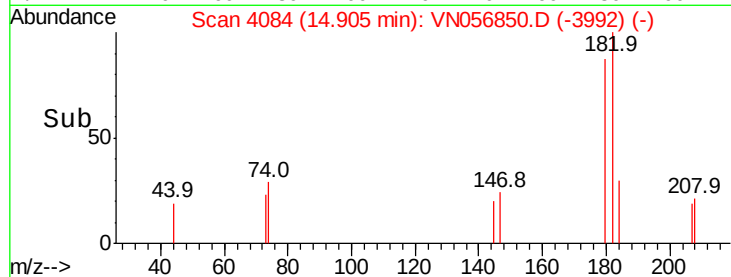
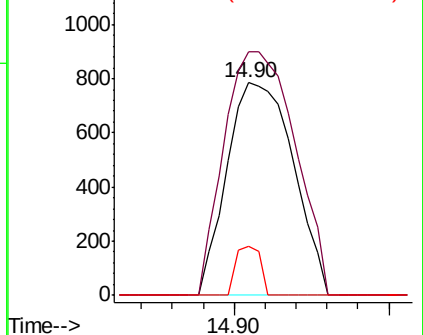
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	122.4	47.9	143.7	
145	8.4	14.1	42.3#	

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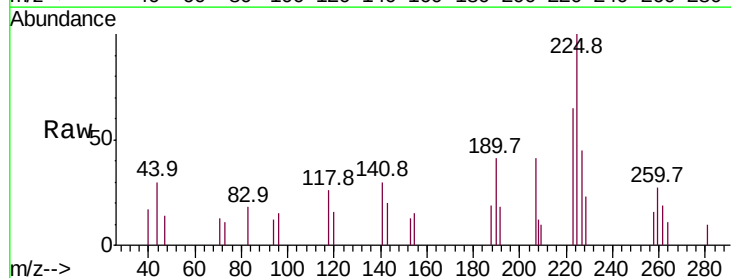


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

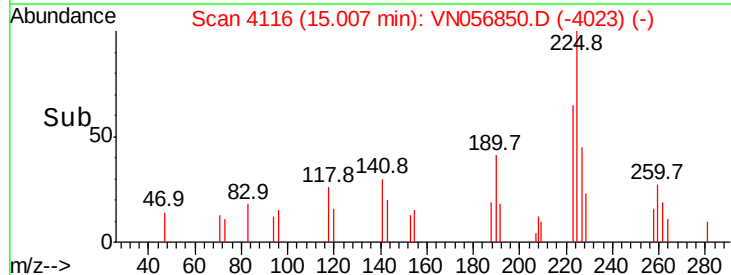
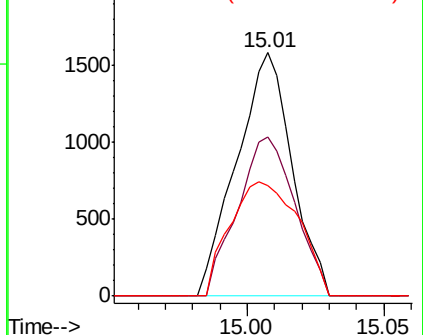


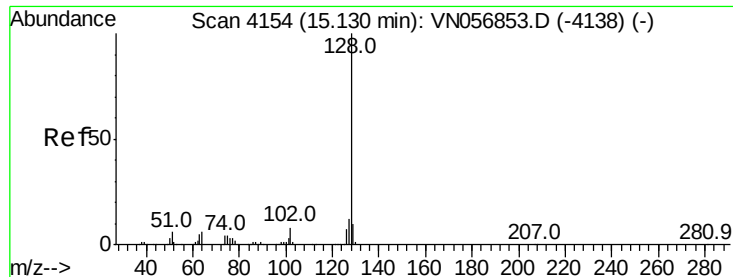
#94
 Hexachlorobutadiene
 Concen: 1.541 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	67.7	31.9	95.5	
227	58.3	31.7	95.1	



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





#95

Naphthalene

Concen: 0.759 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

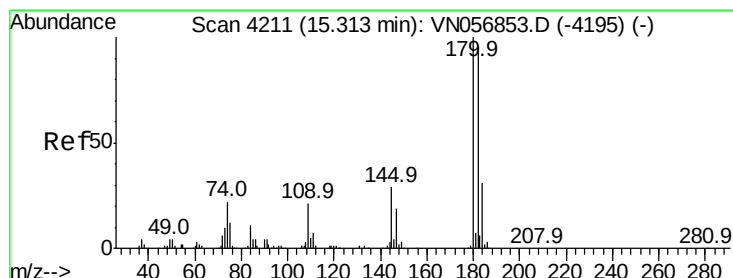
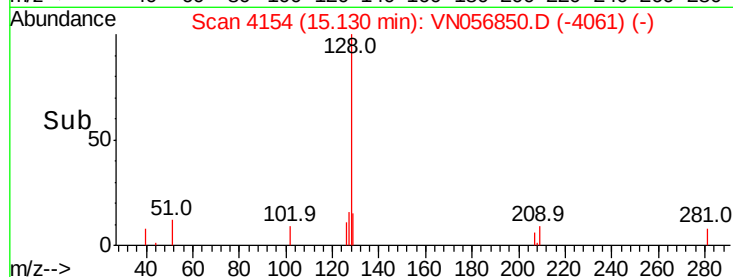
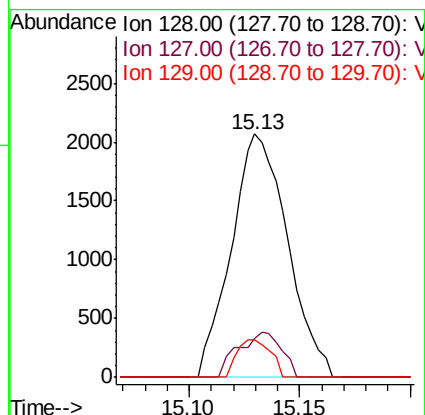
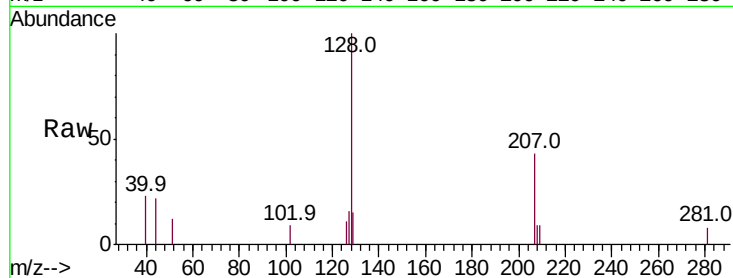
ClientSampled :

VSTDIC001

Tot Ion:	128	Resp:	3656
Ion Ratio	Lower	Upper	
128	100		
127	14.3	10.2	15.2
129	9.2	8.5	12.7

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 0.811 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Tgt Ion:	180	Resp:	1529
Ion Ratio	Lower	Upper	
180	100		
182	110.7	48.1	144.3
145	31.2	14.7	44.1

