

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049260.D
 Acq On : 15 Jun 2018 14:01
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 3:16:08 PM

Quant Time: Jun 16 01:00:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 15:46:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1511316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2360510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2019378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	665921	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	20730	0.95	ug/l	95
3) Chloromethane	2.06	50	28394	1.28	ug/l	99
4) Vinyl Chloride	2.19	62	29489	1.29	ug/l	97
5) Bromomethane	2.57	94	15915	1.16	ug/l	96
6) Chloroethane	2.70	64	15951	1.04	ug/l #	88
7) Trichlorofluoromethane	3.01	101	35329	1.10	ug/l	100
8) Diethyl Ether	3.41	74	10984	0.92	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	21544	1.04	ug/l #	79
12) 1,1-Dichloroethene	3.73	96	20125	1.07	ug/l	85
14) Allyl chloride	4.32	41	27623	0.78	ug/l #	88
15) Acrylonitrile	4.99	53	28967	4.05	ug/l	97
16) Acetone	3.82	43	30311	5.20	ug/l	93
17) Carbon Disulfide	4.05	76	69138	1.07	ug/l	97
18) Methyl Acetate	4.33	43	18602	0.76	ug/l	93
19) Methyl tert-butyl Ether	5.06	73	42822	0.83	ug/l	99
20) Methylene Chloride	4.55	84	24388	1.03	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	20705	0.99	ug/l #	78
22) Diisopropyl ether	5.96	45	51620	0.73	ug/l #	95
23) Vinyl Acetate	5.90	43	161055	3.44	ug/l	99
24) 1,1-Dichloroethane	5.84	63	38481	0.91	ug/l	98
25) 2-Butanone	6.85	43	33678	4.03	ug/l	99
26) 2,2-Dichloropropane	6.82	77	29984	0.95	ug/l	81
27) cis-1,2-Dichloroethene	6.83	96	21367	0.94	ug/l	95
28) Bromochloromethane	7.19	49	15815	0.79	ug/l #	82
29) Tetrahydrofuran	7.22	42	21135	3.93	ug/l	97
30) Chloroform	7.37	83	38922	0.96	ug/l	91
31) Cyclohexane	7.66	56	52522	1.25	ug/l #	20
32) 1,1,1-Trichloroethane	7.57	97	31581	0.91	ug/l #	53
36) 1,1-Dichloropropene	7.79	75	26109	0.89	ug/l	98
37) Ethyl Acetate	6.93	43	11737	0.63	ug/l #	73
38) Carbon Tetrachloride	7.77	117	28808	0.97	ug/l	99
39) Methylcyclohexane	9.08	83	27761	0.91	ug/l	96
40) Benzene	8.04	78	84190	0.94	ug/l	98
41) Methacrylonitrile	7.18	41	6006m	0.57	ug/l	

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 15:46:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	8.12	62	27014	0.92	ug/l	92
43) Isopropyl Acetate	8.17	43	26953	0.79	ug/l #	90
44) Trichloroethene	8.83	130	21355	0.96	ug/l	93
45) 1,2-Dichloropropane	9.12	63	21699	0.88	ug/l	99
46) Dibromomethane	9.21	93	12821	0.94	ug/l	90
47) Bromodichloromethane	9.40	83	28137	0.92	ug/l	99
48) Methyl methacrylate	9.20	41	10810	0.65	ug/l #	82
49) 1,4-Dioxane	9.21	88	3447	17.45	ug/l	87
51) 4-Methyl-2-Pentanone	9.99	43	67752	3.72	ug/l	95
52) Toluene	10.16	92	41391	0.80	ug/l	90
53) t-1,3-Dichloropropene	10.38	75	22818	0.78	ug/l	95
54) cis-1,3-Dichloropropene	9.84	75	28405	0.84	ug/l #	86
55) 1,1,2-Trichloroethane	10.56	97	18658	0.98	ug/l	91
56) Ethyl methacrylate	10.44	69	16934	0.74	ug/l	88
57) 1,3-Dichloropropane	10.71	76	27730	0.85	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	20601	2.76	ug/l	91
59) 2-Hexanone	10.75	43	42404	3.73	ug/l	97
60) Dibromochloromethane	10.90	129	18940	0.90	ug/l	98
61) 1,2-Dibromoethane	11.01	107	16164	0.92	ug/l	99
64) Tetrachloroethene	10.63	164	22957	1.13	ug/l	95
65) Chlorobenzene	11.44	112	54388	1.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	21671	1.09	ug/l #	65
67) Ethyl Benzene	11.51	91	81487	0.91	ug/l	97
68) m/p-Xylenes	11.62	106	55929	1.70	ug/l	95
69) o-Xylene	11.95	106	26019	0.82	ug/l	95
70) Styrene	11.97	104	37863	0.76	ug/l	97
71) Bromoform	12.13	173	12185	0.98	ug/l #	97
73) Isopropylbenzene	12.25	105	64987	1.02	ug/l	95
74) N-amyl acetate	12.08	43	16537	0.91	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	20617	1.26	ug/l	97
76) 1,2,3-Trichloropropane	12.56	75	13616m	1.05	ug/l	
77) Bromobenzene	12.53	156	19985	1.27	ug/l	88
78) n-propylbenzene	12.59	91	67615	0.95	ug/l	99
79) 2-Chlorotoluene	12.68	91	46398	1.04	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	43390	0.88	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.30	75	4111	1.03	ug/l	92
82) 4-Chlorotoluene	12.78	91	40515	0.95	ug/l	94
83) tert-Butylbenzene	13.00	119	45459	1.08	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	41265	0.85	ug/l	95
85) sec-Butylbenzene	13.17	105	60246	1.07	ug/l	99
86) p-Isopropyltoluene	13.29	119	46808	1.03	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	27706	1.11	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	30562m	1.24	ug/l	
89) n-Butylbenzene	13.62	91	36927	1.05	ug/l	95
90) Hexachloroethane	13.88	117	15324	1.43	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	28768	1.17	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2584	1.16	ug/l	82
93) 1,2,4-Trichlorobenzene	14.91	180	13831	1.53	ug/l	98
94) Hexachlorobutadiene	15.01	225	26808	3.60	ug/l	95
95) Naphthalene	15.14	128	25985	1.32	ug/l	98

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

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6/18/2018 3:16:08 PM

Quant Time: Jun 16 01:00:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 15 15:46:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	16121	1.66	ug/l	98

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

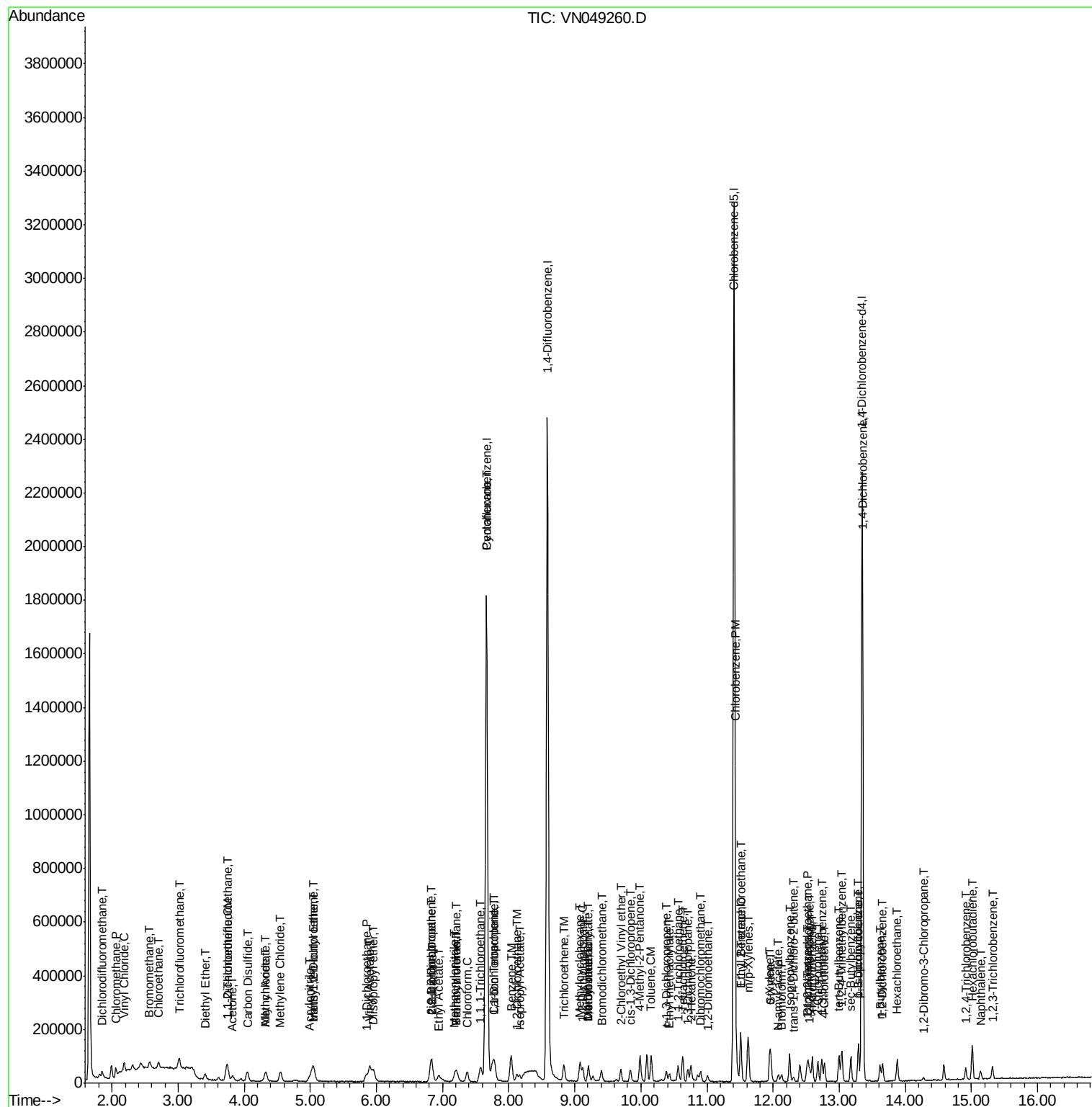
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049260.D
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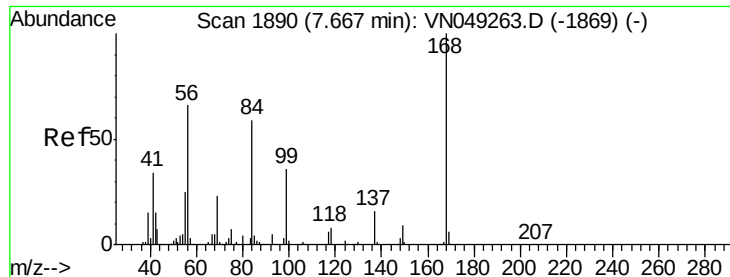
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
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MMDadoda
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 1511316

Ion Ratio Lower Upper

168 100

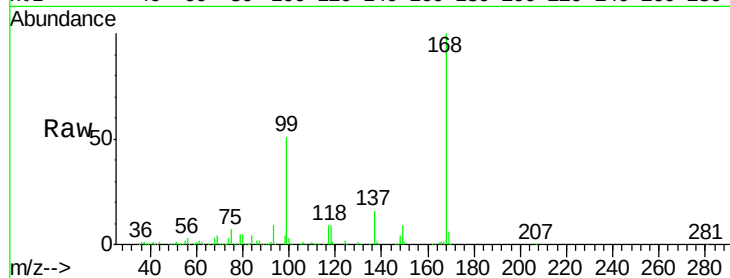
99 50.9 45.8 68.6

Manual Integrations

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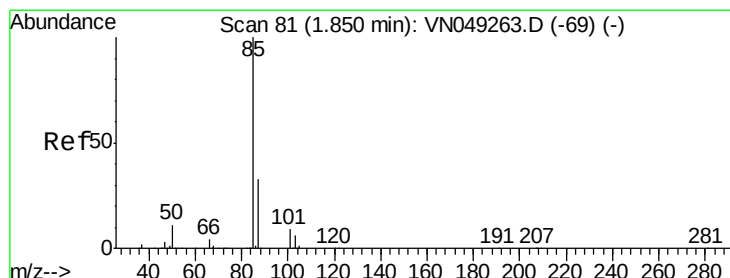
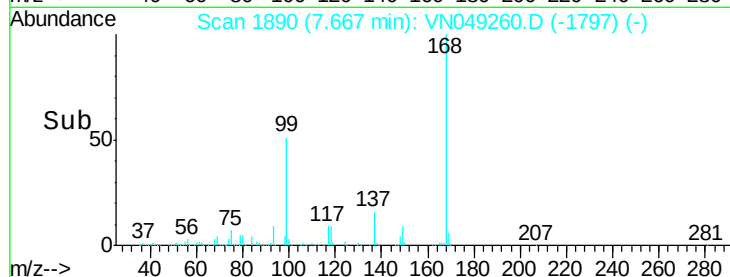
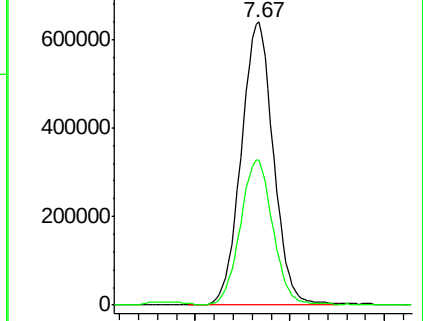
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 0.95 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049260.D

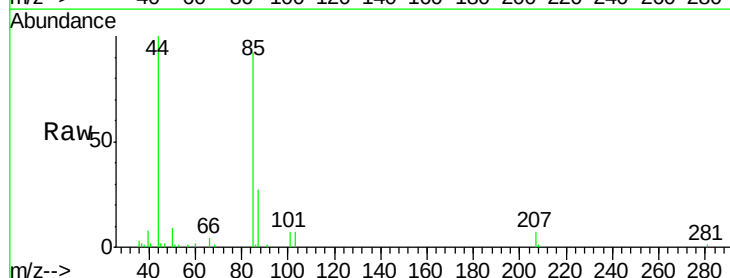
Acq: 15 Jun 2018 14:01

Tgt Ion: 85 Resp: 20730

Ion Ratio Lower Upper

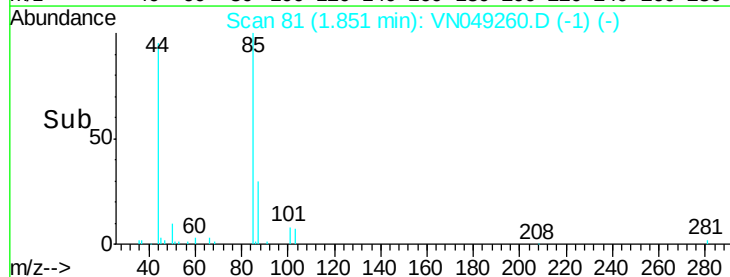
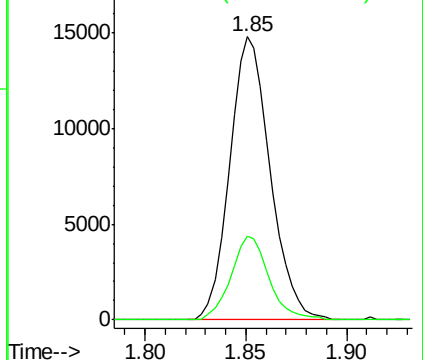
85 100

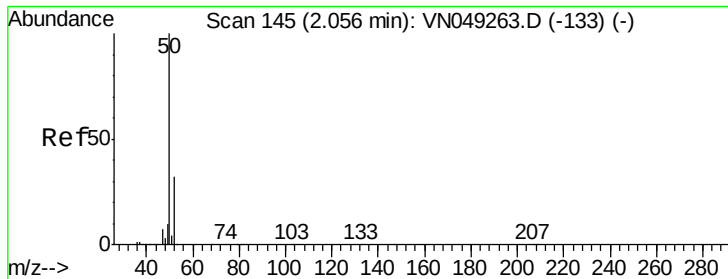
87 29.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 1.28 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 28394

Ion Ratio Lower Upper

50 100

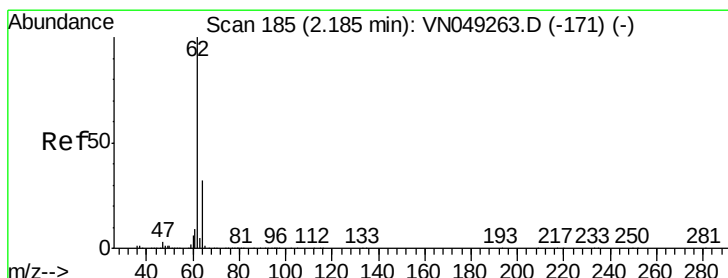
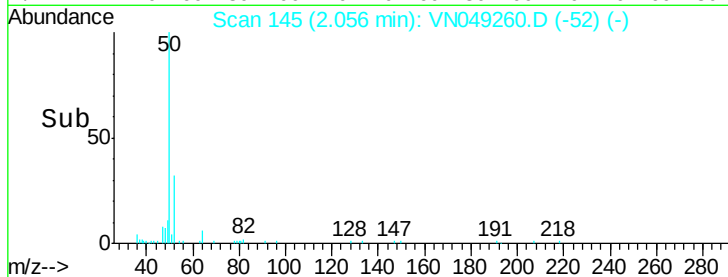
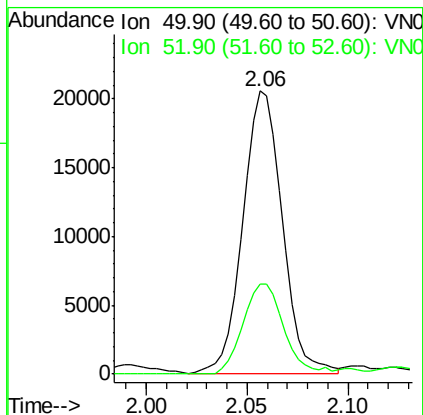
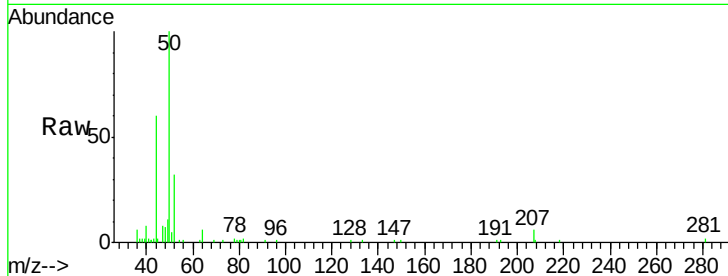
52 31.8 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.29 ug/l

RT: 2.19 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049260.D

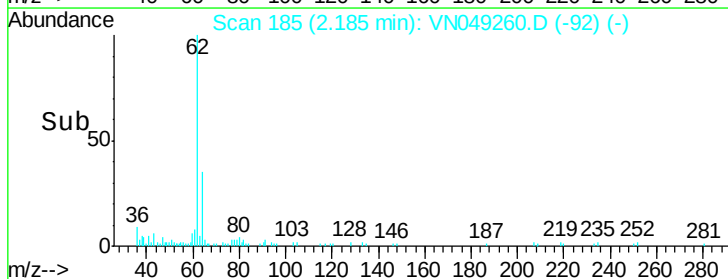
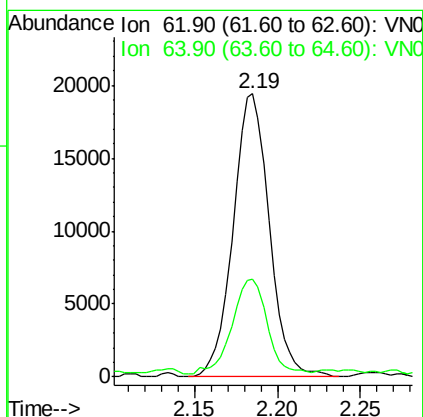
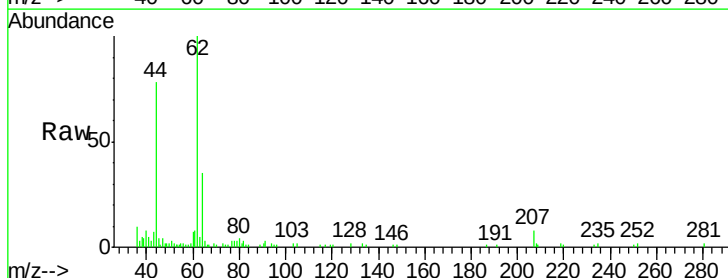
Acq: 15 Jun 2018 14:01

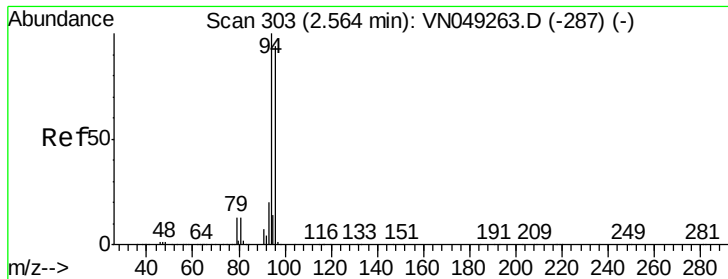
Tgt Ion: 62 Resp: 29489

Ion Ratio Lower Upper

62 100

64 33.9 25.7 38.5





#5

Bromomethane

Concen: 1.16 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 15915

Ion Ratio Lower Upper

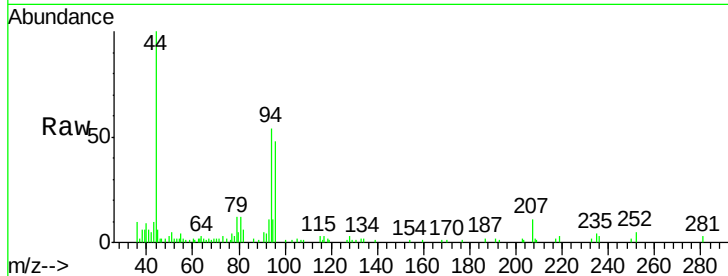
94 100

96 86.9 72.8 109.2

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

10000

8000

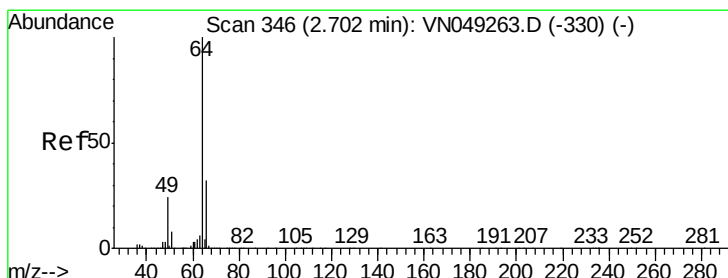
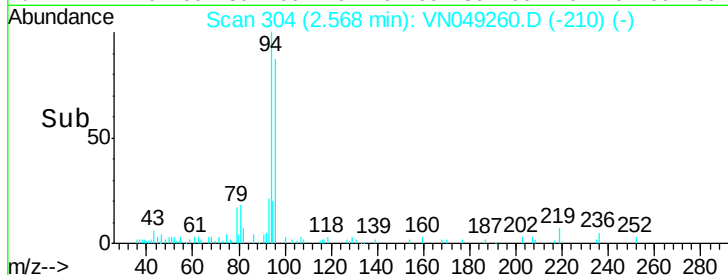
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 1.04 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049260.D

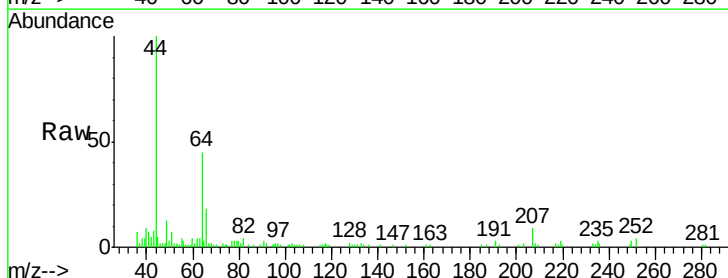
Acq: 15 Jun 2018 14:01

Tgt Ion: 64 Resp: 15951

Ion Ratio Lower Upper

64 100

66 38.6 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

10000

8000

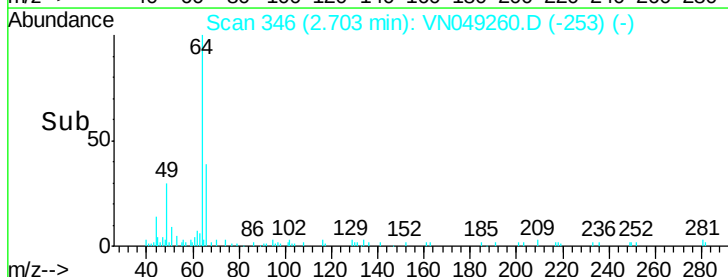
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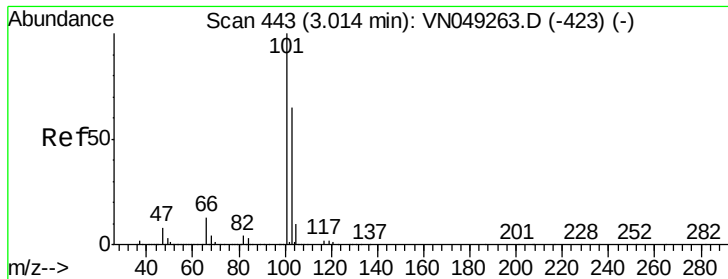
4000

2000

0

Time-->





#7

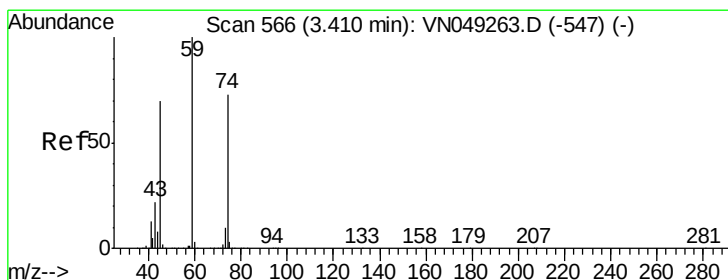
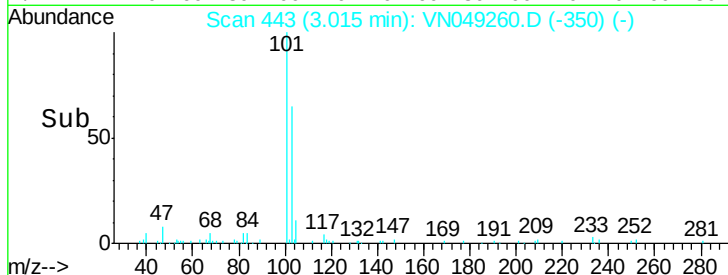
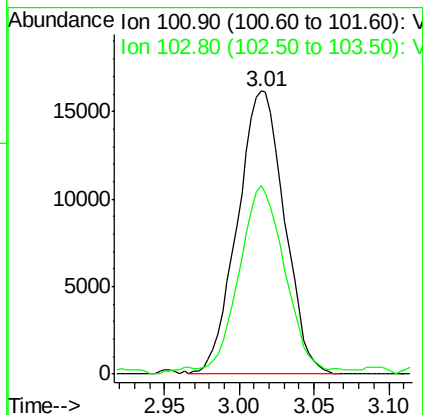
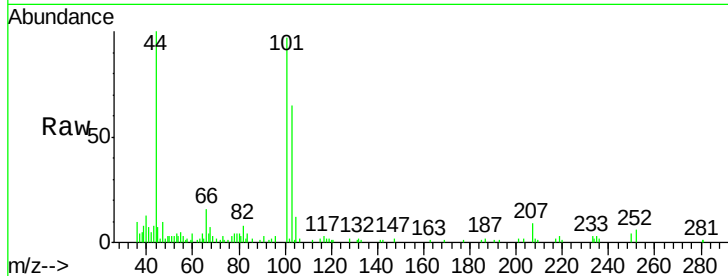
Trichlorofluoromethane
Concen: 1.10 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.7	77.5

Manual Integrations
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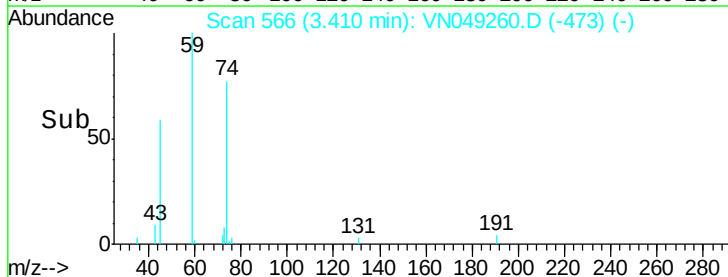
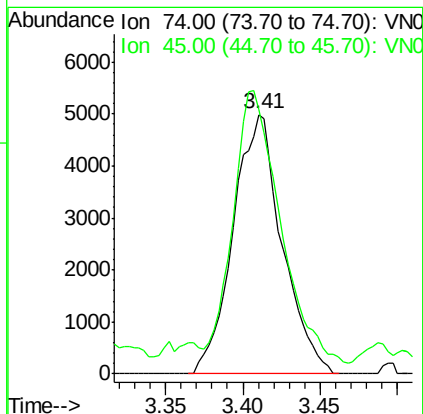
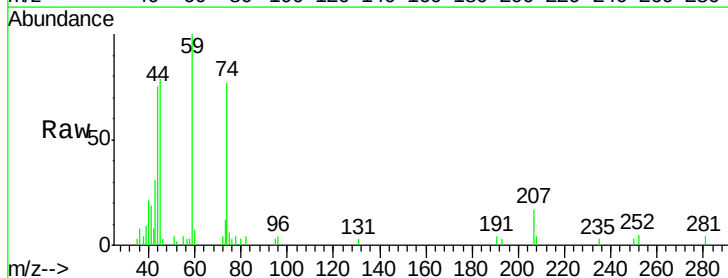
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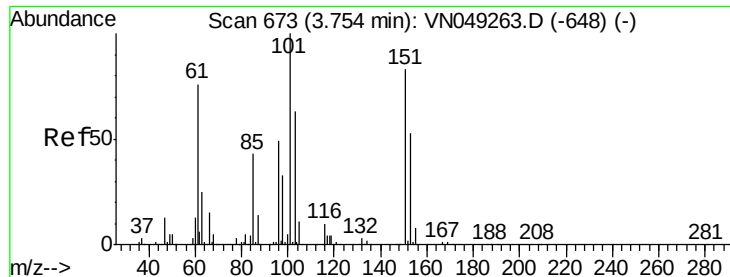


#8

Diethyl Ether
Concen: 0.92 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	51.9	155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.04 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

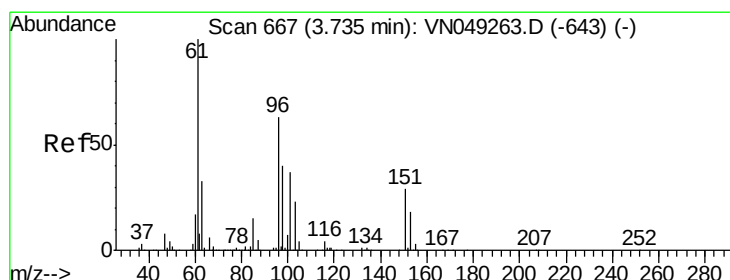
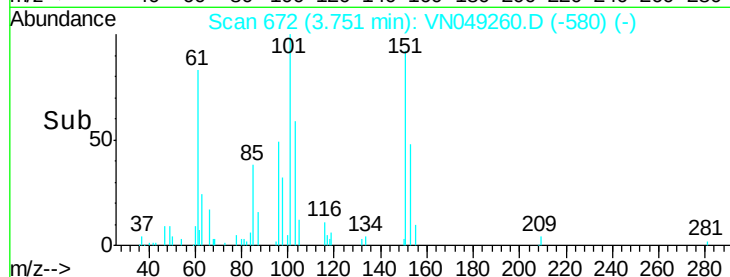
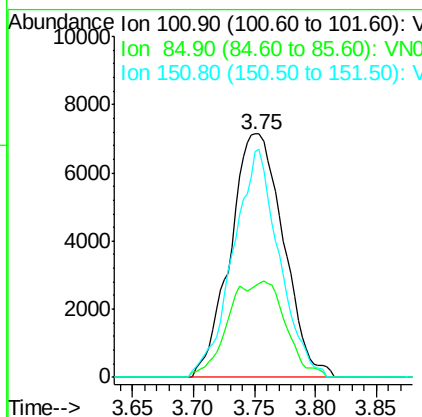
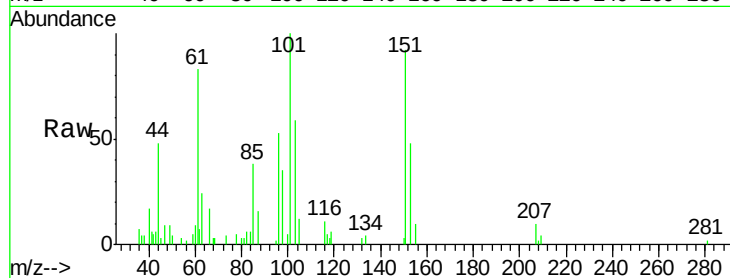
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	21544
Ion Ratio	Lower	Upper	
101	100		
85	17.0	37.6	56.4#
151	81.2	61.1	91.7

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 1.07 ug/l

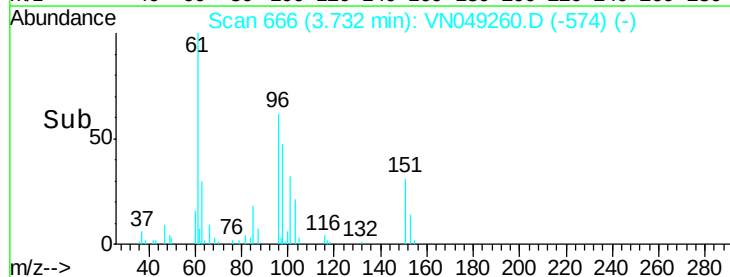
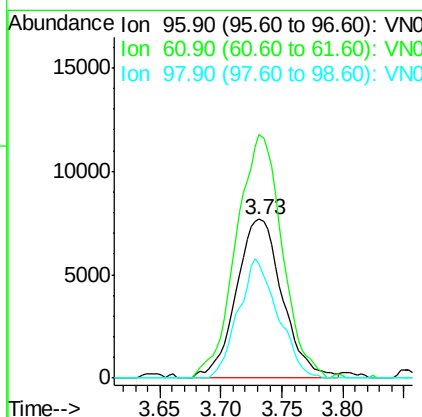
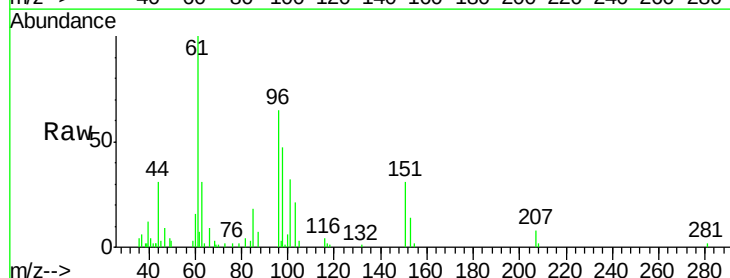
RT: 3.73 min Scan# 666

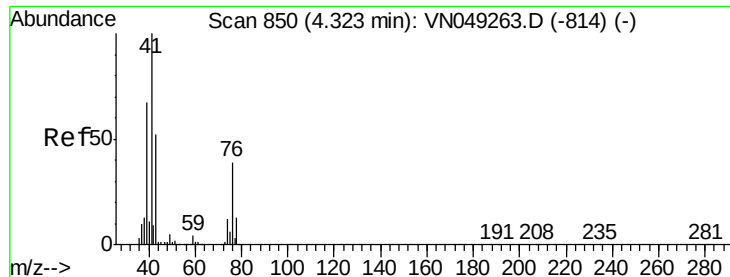
Delta R.T. -0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Tgt Ion:	96	Resp:	20125
Ion Ratio	Lower	Upper	
96	100		
61	153.5	141.0	211.4
98	71.7	50.4	75.6





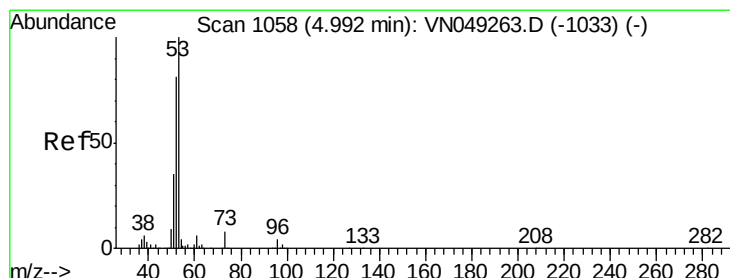
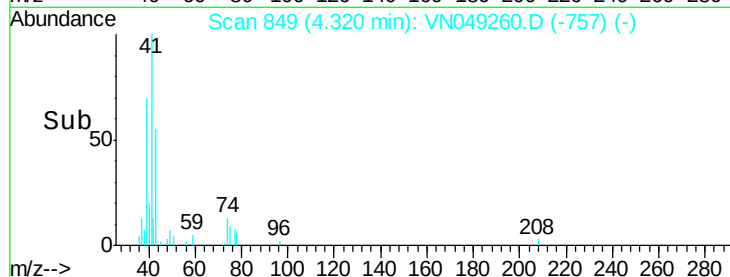
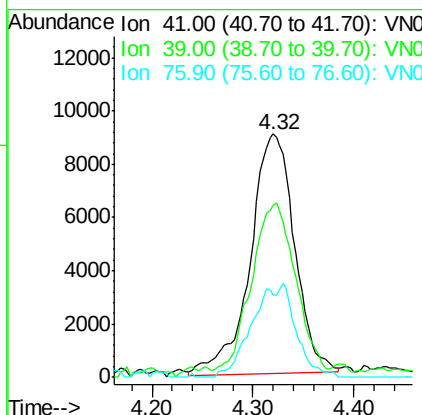
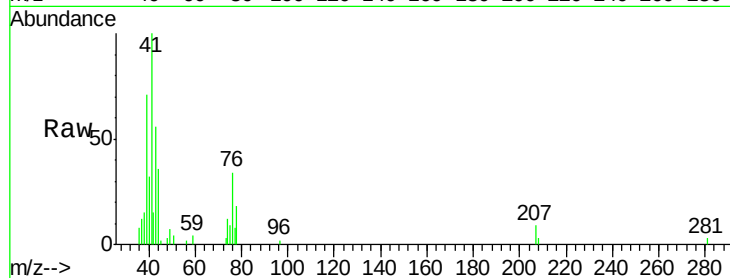
#14
Allvl chloride
Concen: 0.78 ug/l
RT: 4.32 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
39	71.4	62.5	93.7
76	22.2	27.1	40.7#

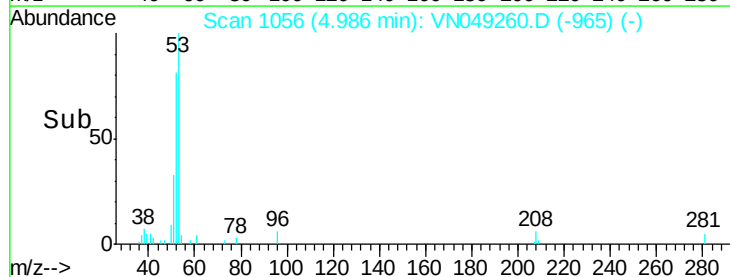
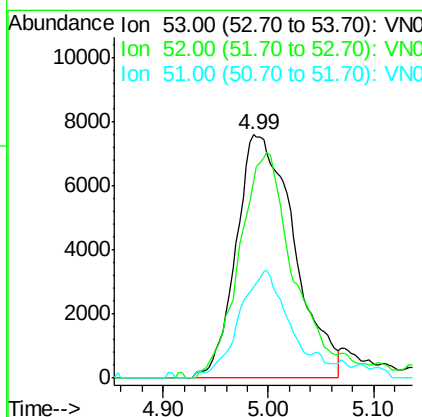
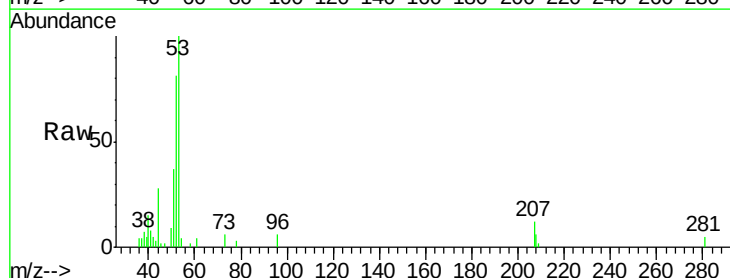
Manual Integrations
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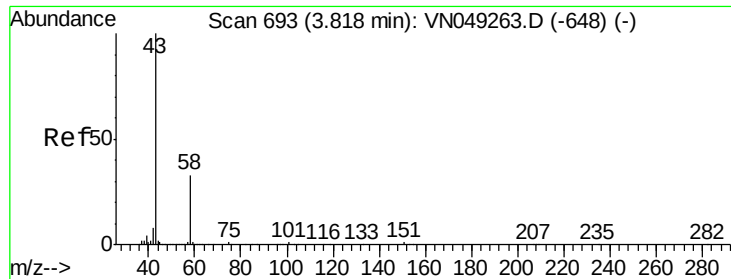
MMDadoda
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#15
Acrylonitrile
Concen: 4.05 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.1	66.6	100.0
51	33.7	29.8	44.8





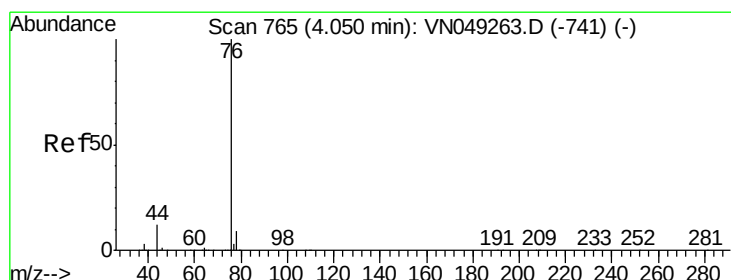
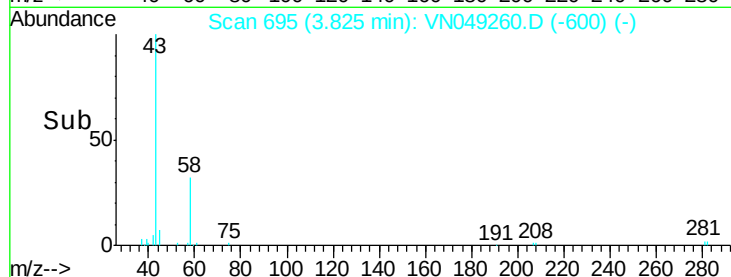
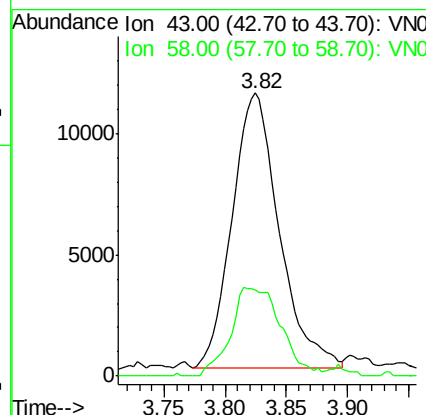
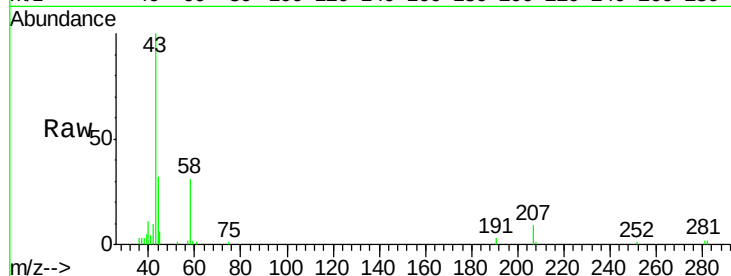
#16
Acetone
Concen: 5.20 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
58	31.4	22.4	33.6

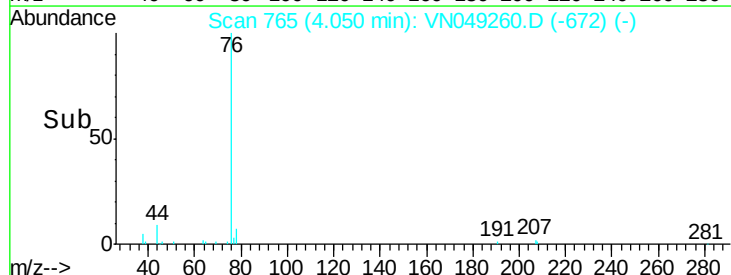
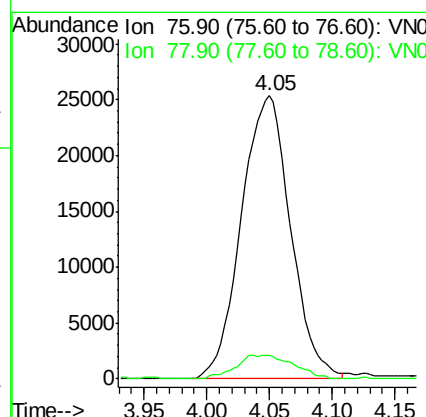
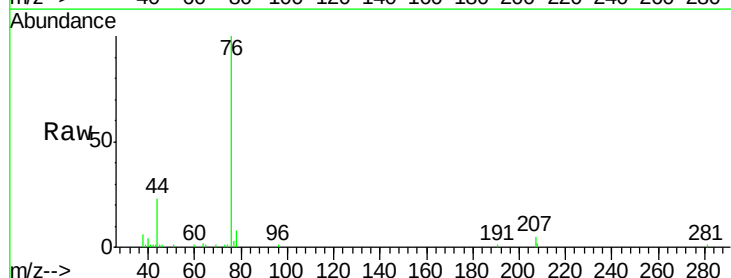
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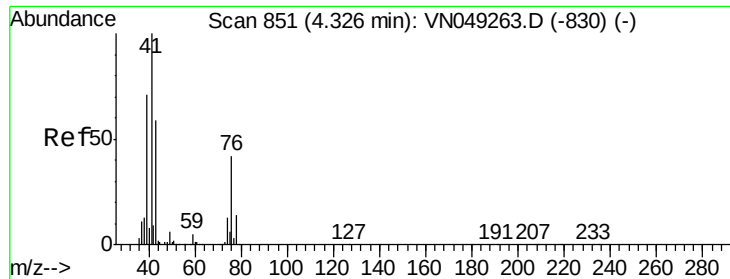
MMDadoda
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#17
Carbon Disulfide
Concen: 1.07 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.4	11.0





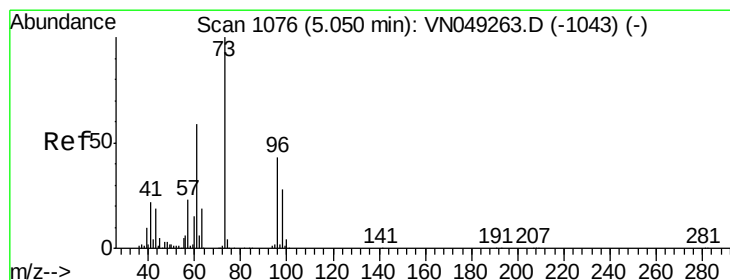
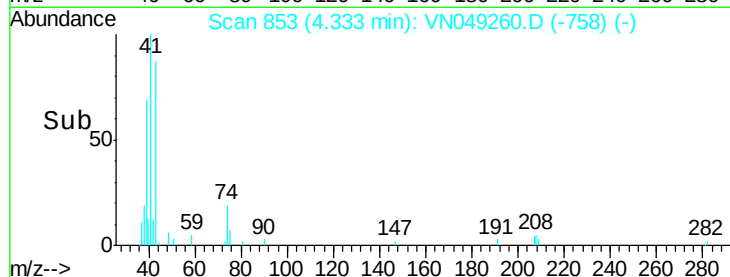
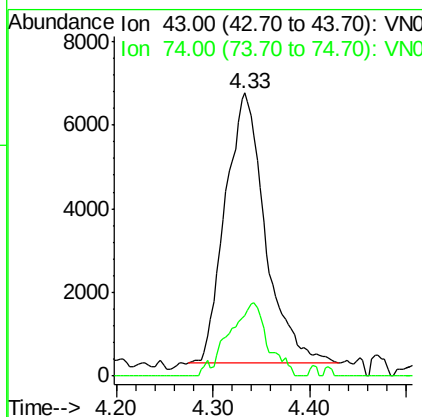
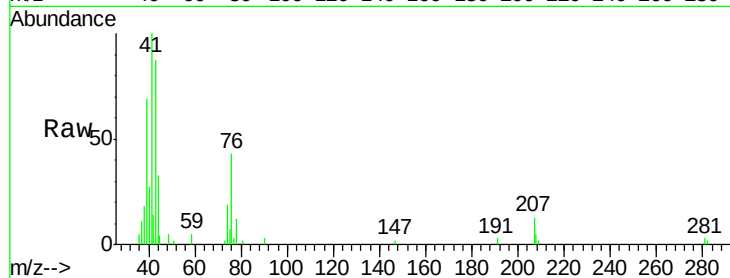
#18
Methvl Acetate
Concen: 0.76 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	43	Resp	18602
Ion Ratio	43	100	
Lower	74	25.2	17.4
Upper			26.0

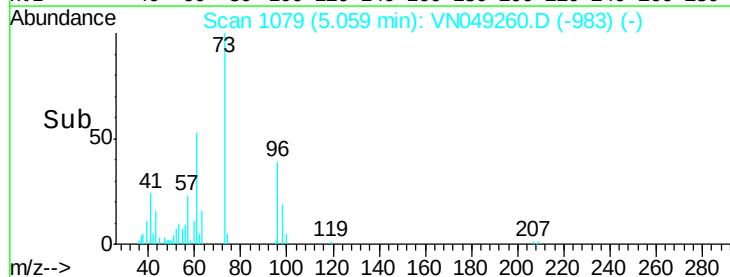
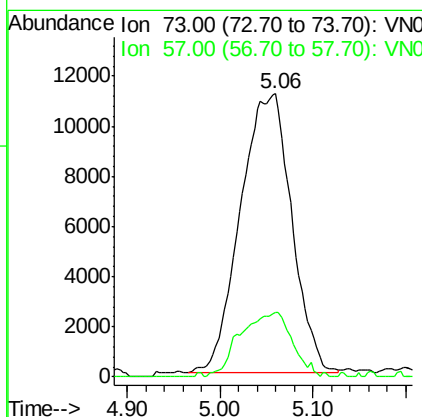
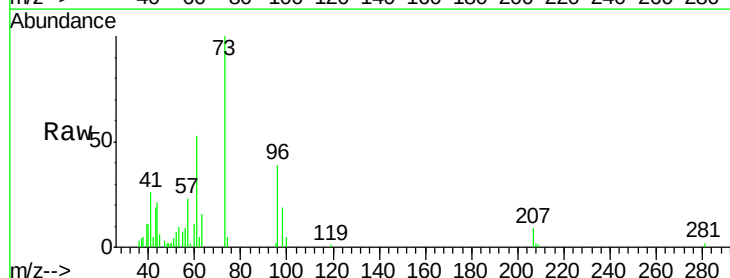
Manual Integrations
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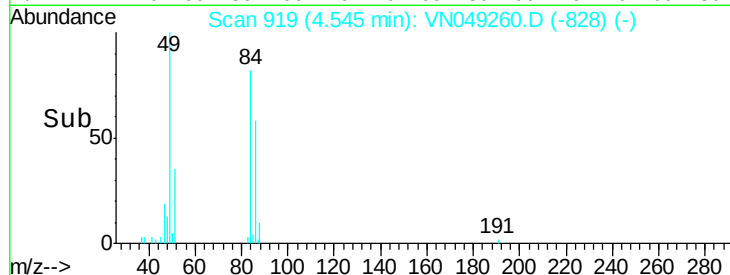
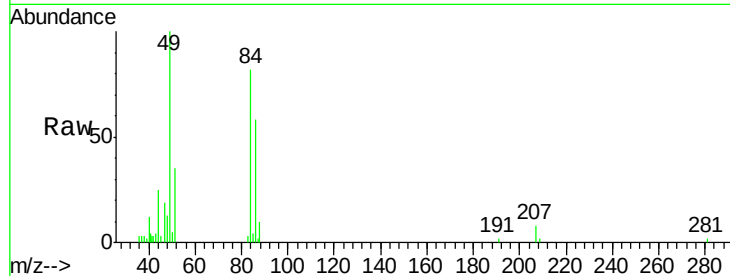
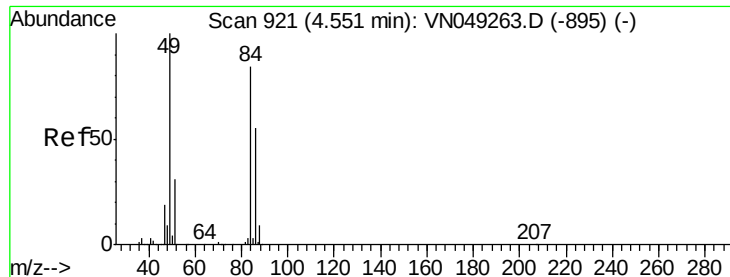
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#19
Methyl tert-butyl Ether
Concen: 0.83 ug/l
RT: 5.06 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	73	Resp	42822
Ion Ratio	73	100	
Lower	57	23.3	18.2
Upper			27.4





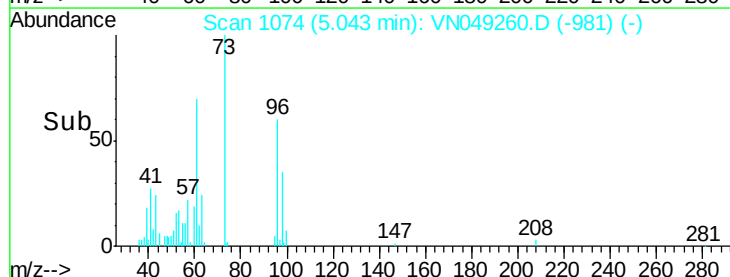
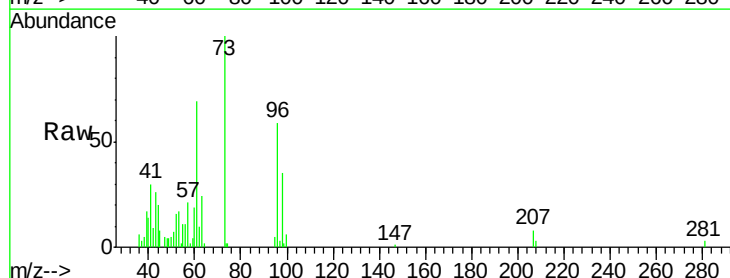
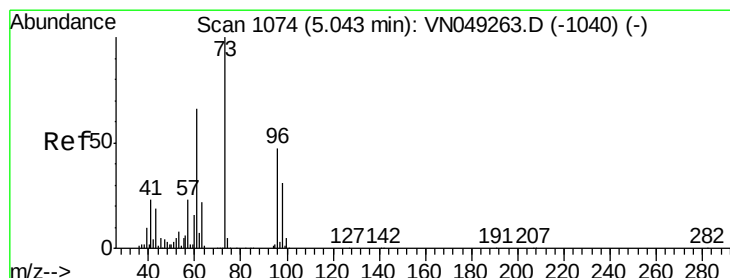
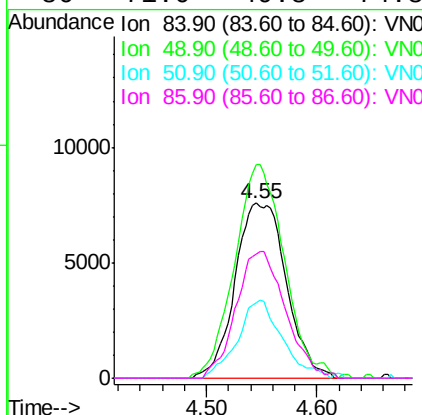
#20
Methylene Chloride
Concen: 1.03 ug/l
RT: 4.55 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tot Ion:	84	Resp:	24388
Ion	Ratio	Lower	Upper
84	100		
49	121.8	106.9	160.3
51	42.9	32.7	49.1
86	71.0	49.8	74.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

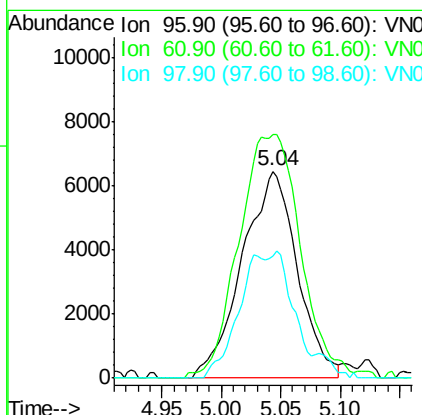
Manual Integrations
APPROVED

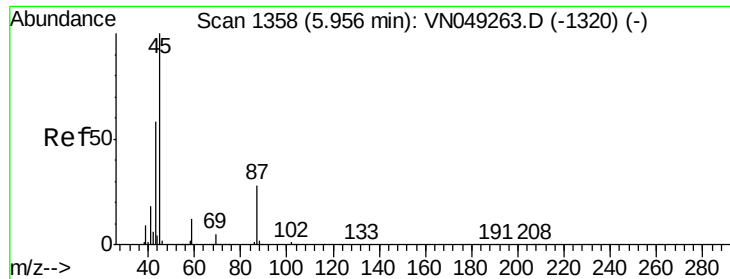
MMDadoda
6/18/2018 3:16:08 PM



#21
trans-1,2-Dichloroethene
Concen: 0.99 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion:	96	Resp:	20705
Ion	Ratio	Lower	Upper
96	100		
61	115.1	121.3	181.9#
98	59.1	52.0	78.0





#22

Diisopropyl ether

Concen: 0.73 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

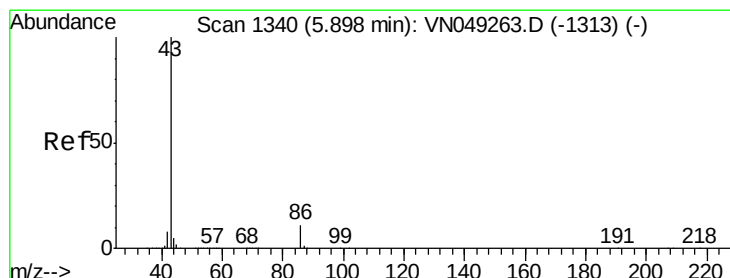
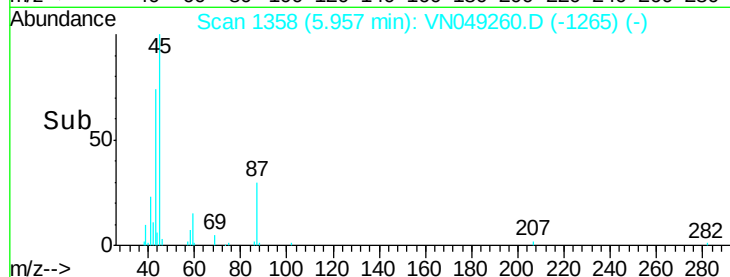
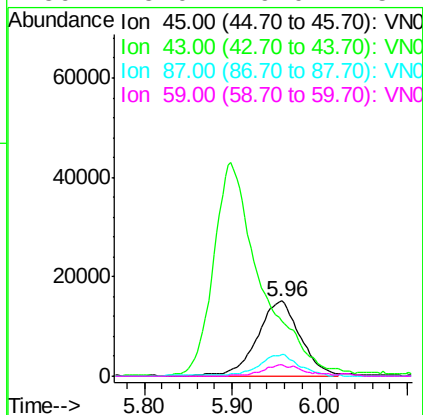
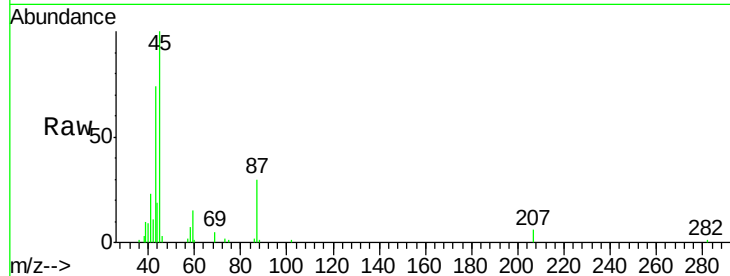
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
45	100		
43	64.0	48.6	72.8
87	28.1	20.2	30.2
59	15.0	9.0	13.4

Manual Integrations
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#23

Vinyl Acetate

Concen: 3.44 ug/l

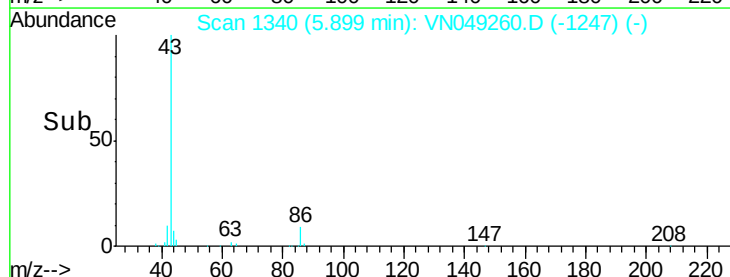
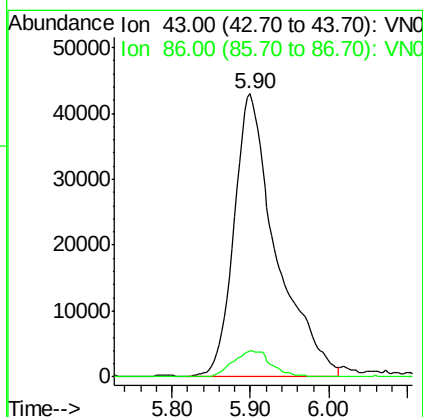
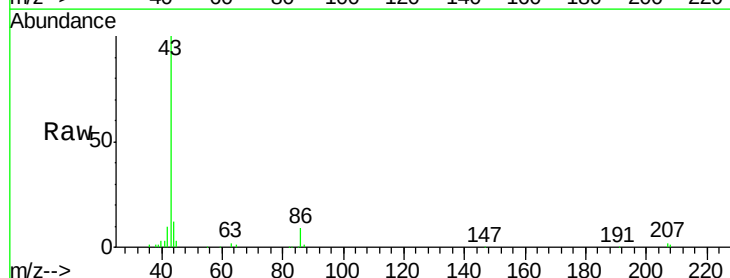
RT: 5.90 min Scan# 1340

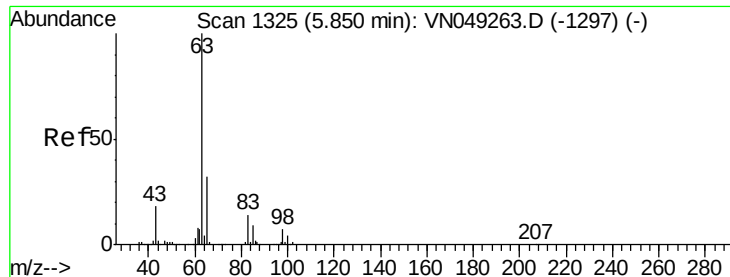
Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.2	10.8





#24

1,1-Dichloroethane

Concen: 0.91 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

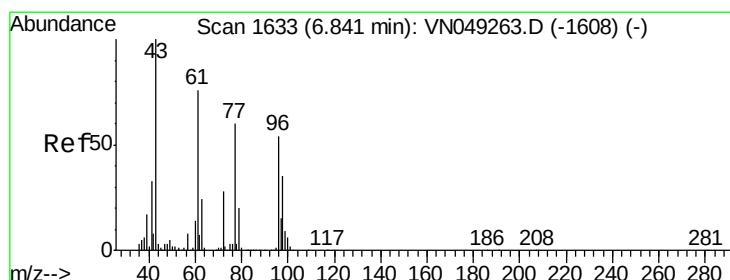
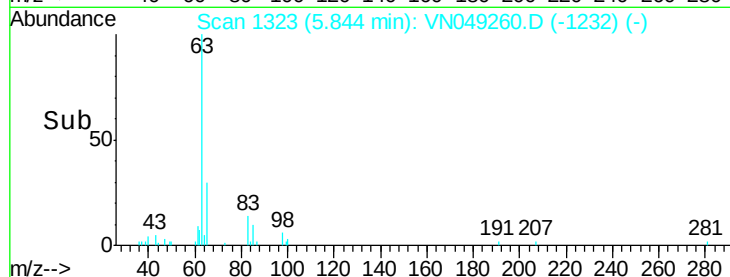
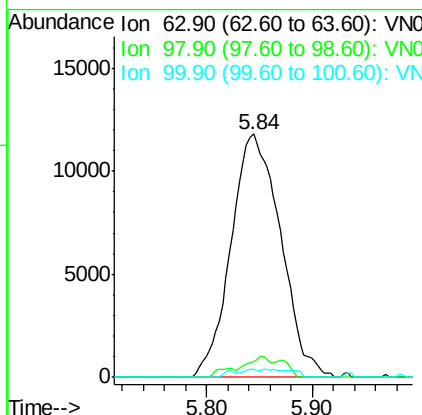
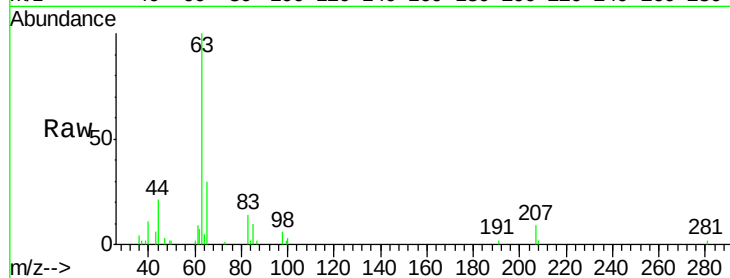
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	38481
Ion Ratio	Lower	Upper	
63	100		
98	6.3	2.9	8.8
100	3.1	2.1	6.3

Manual Integrations
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#25

2-Butanone

Concen: 4.03 ug/l

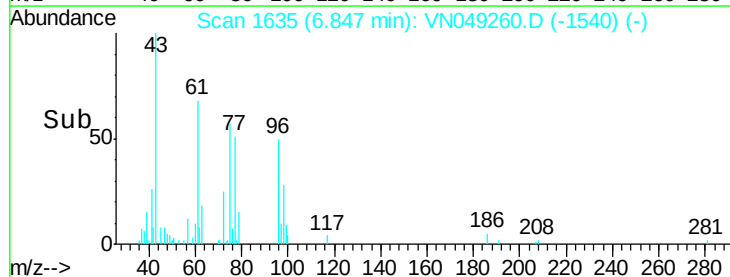
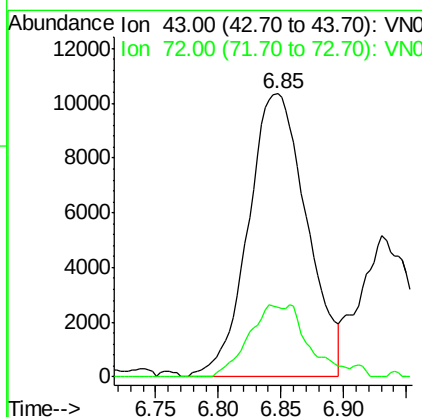
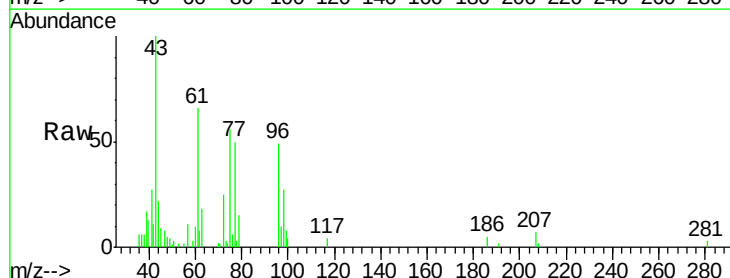
RT: 6.85 min Scan# 1635

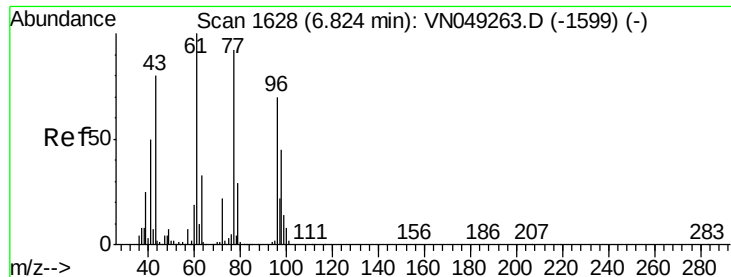
Delta R.T. 0.01 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Tgt Ion:	43	Resp:	33678
Ion Ratio	Lower	Upper	
43	100		
72	24.6	20.2	30.2





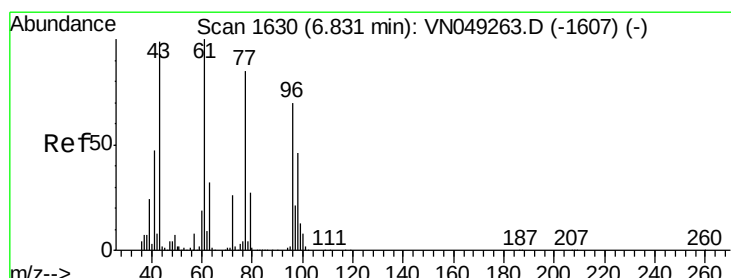
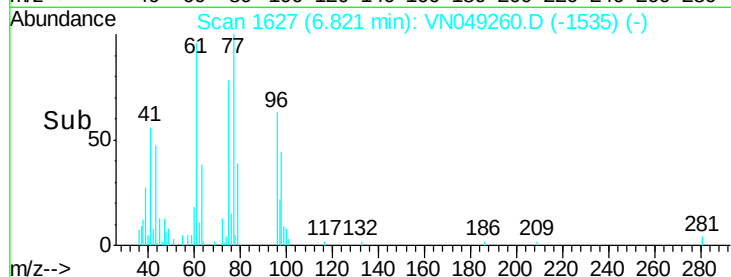
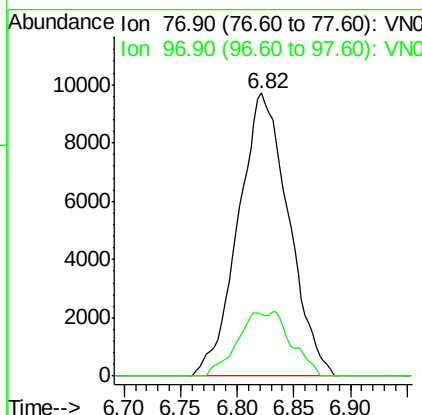
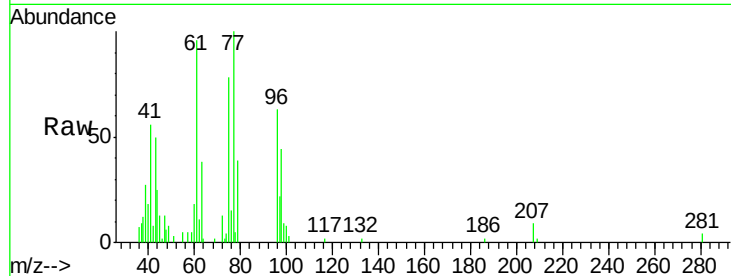
#26
 2,2-Dichloropropane
 Concen: 0.95 ug/l
 RT: 6.82 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
77	100		
97	12.9	11.0	33.0

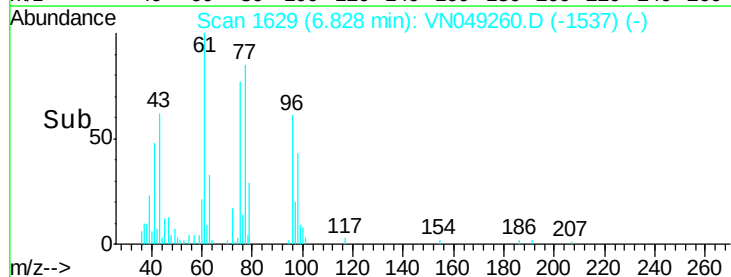
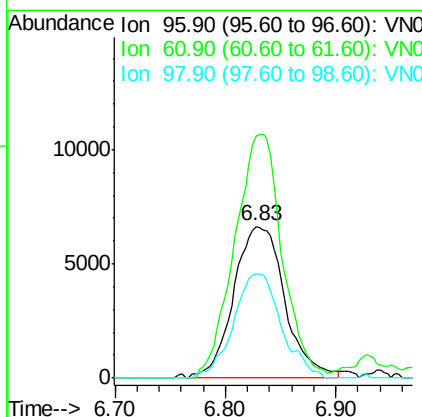
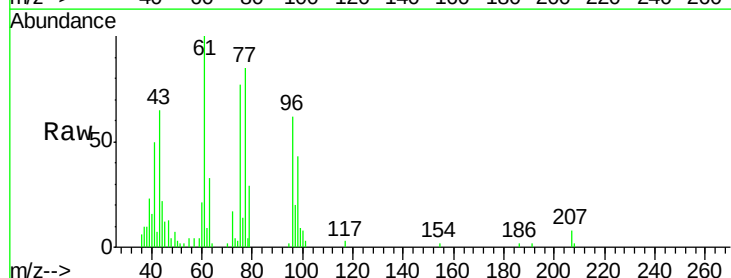
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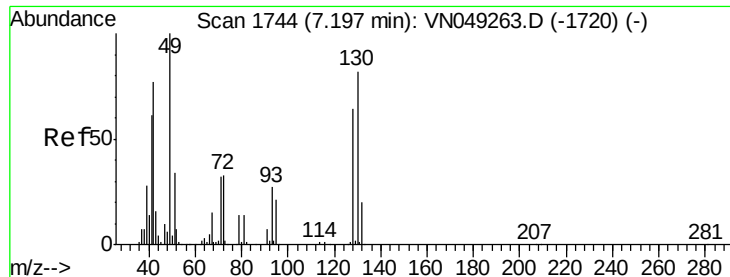
MMDadoda
 6/18/2018 3:16:08 PM



#27
 cis-1,2-Dichloroethene
 Concen: 0.94 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	316.4
98	64.5	0.0	128.4





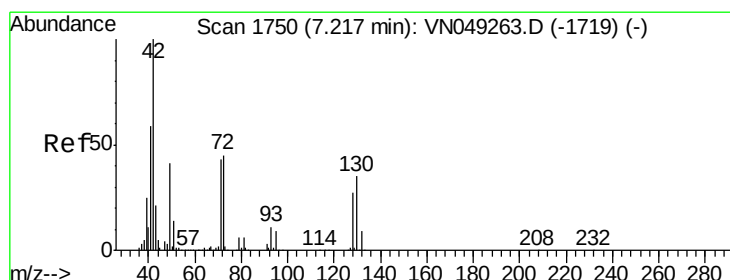
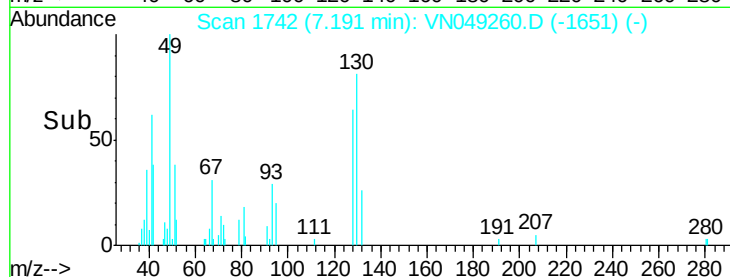
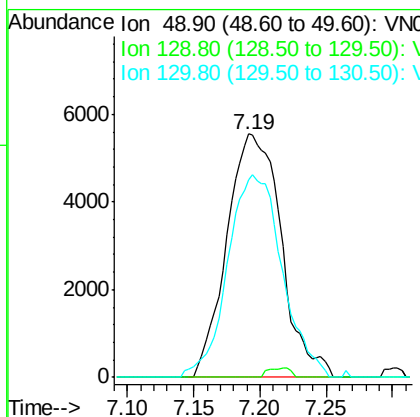
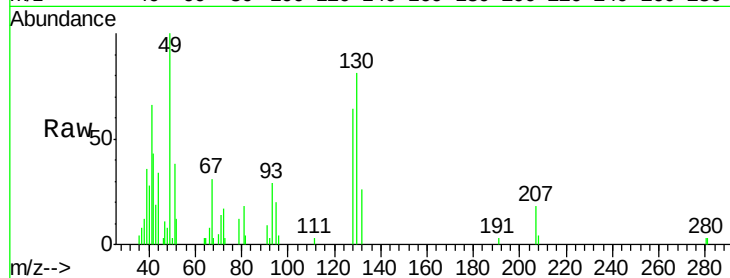
#28
Bromochloromethane
Concen: 0.79 ug/l
RT: 7.19 min Scan# 1742
Delta R.T. -0.01 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	83.3	54.9	82.3#

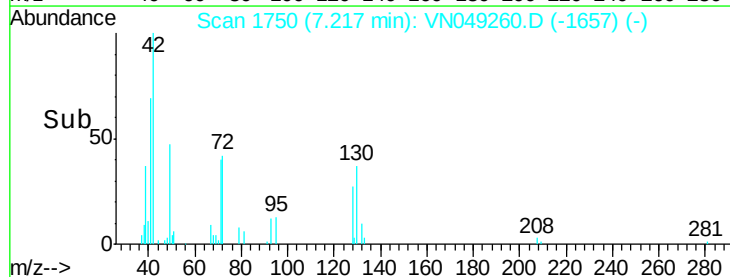
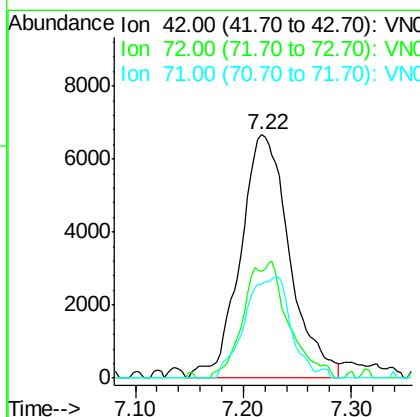
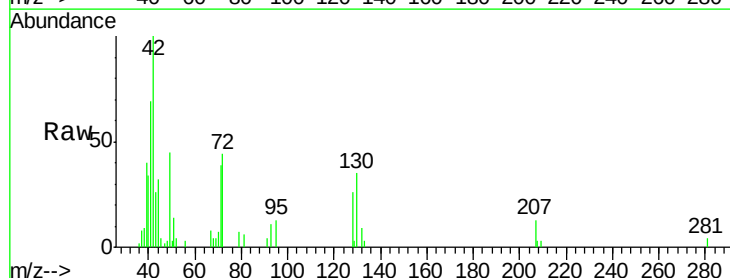
Manual Integrations
APPROVED

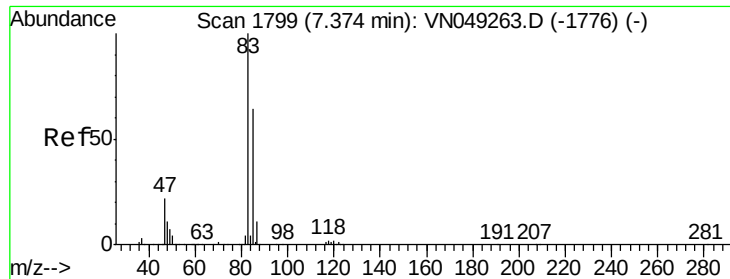
MMDadoda
6/18/2018 3:16:08 PM



#29
Tetrahydrofuran
Concen: 3.93 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.6	32.2	48.4
71	38.7	30.5	45.7





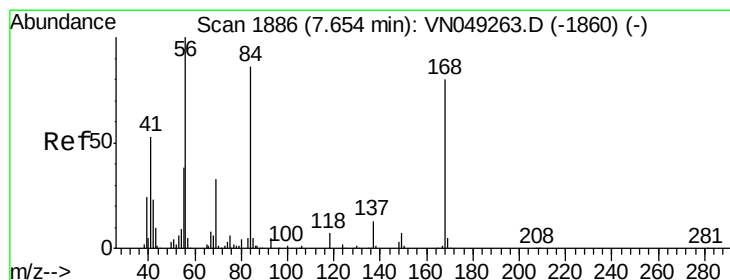
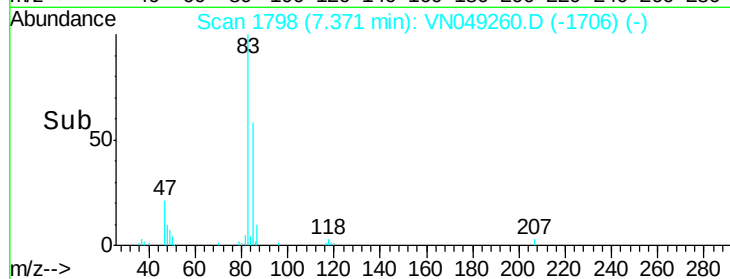
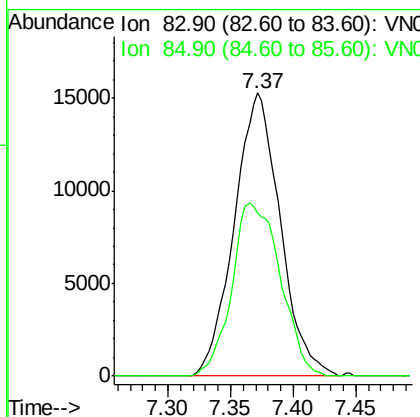
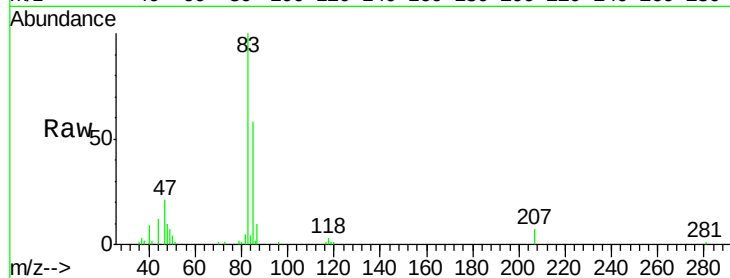
#30
Chloroform
Concen: 0.96 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	83	Resp	38922
Ion Ratio	Lower	Upper	
83	100		
85	57.6	51.7	77.5

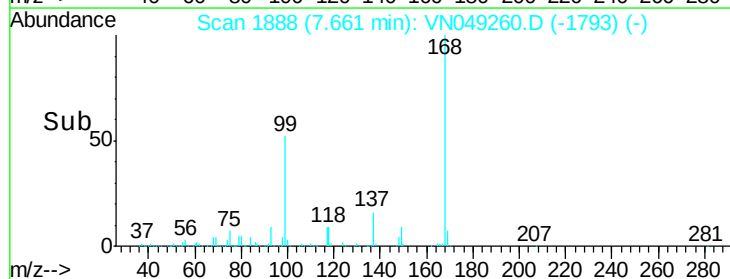
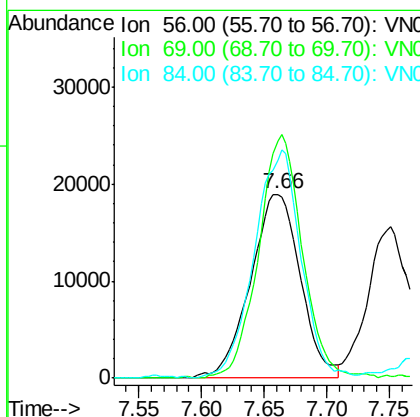
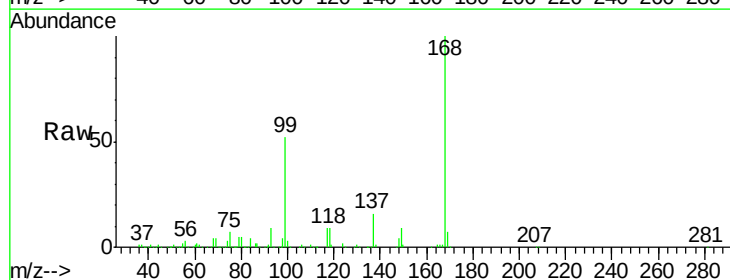
Manual Integrations
APPROVED

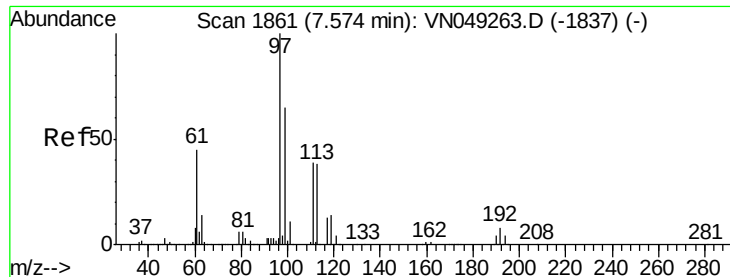
MMDadoda
6/18/2018 3:16:08 PM



#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.66 min Scan# 1888
Delta R.T. 0.01 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	56	Resp	52522
Ion Ratio	Lower	Upper	
56	100		
69	128.3	25.0	37.4#
84	118.5	64.6	96.8#





#32

1,1,1-Trichloroethane

Concen: 0.91 ug/l

RT: 7.57 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

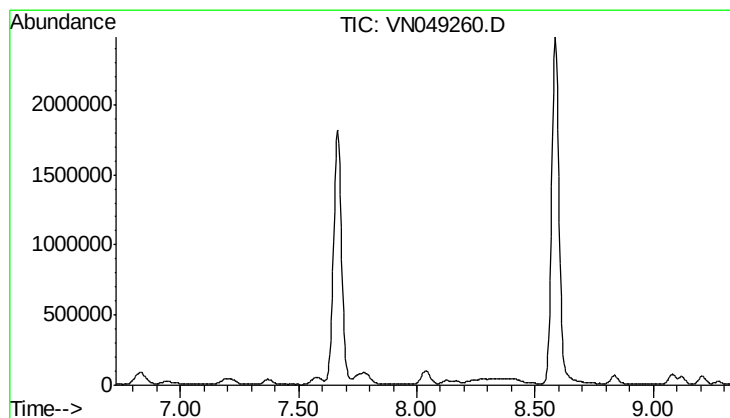
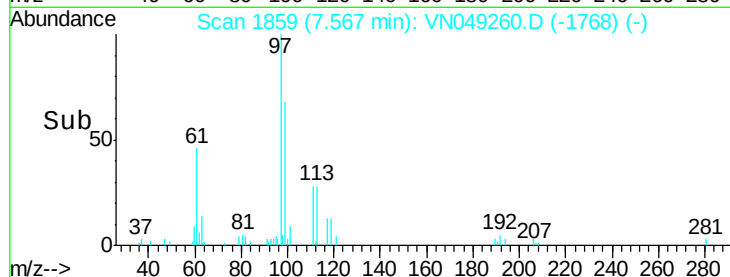
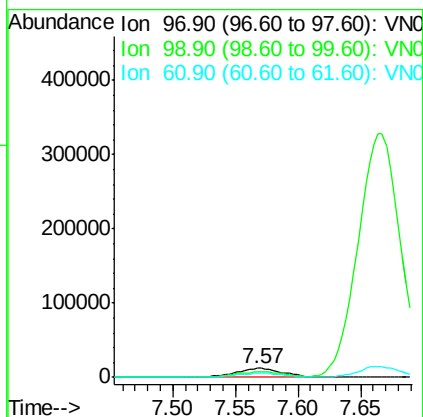
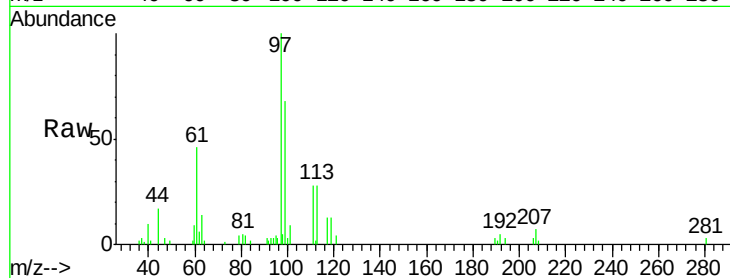
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	31581
Ion Ratio	Lower	Upper	
97	100		
99	0.0	50.5	75.7#
61	46.2	37.9	56.9

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 8.03 min

Lab File: VN049260.D

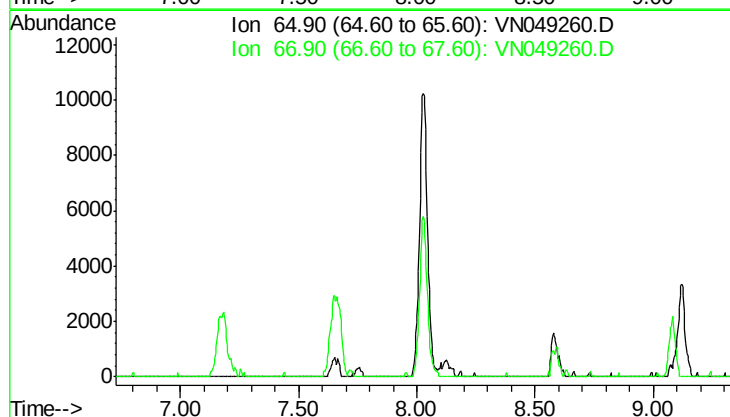
Acq: 15 Jun 2018 14:01

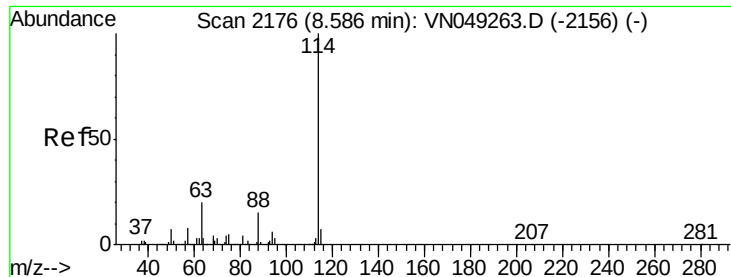
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.9





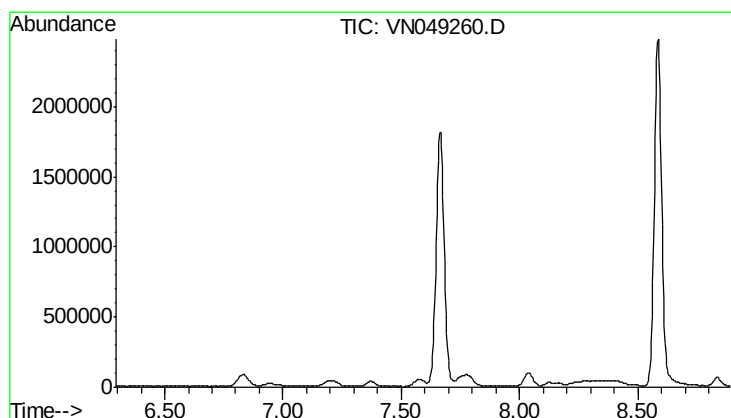
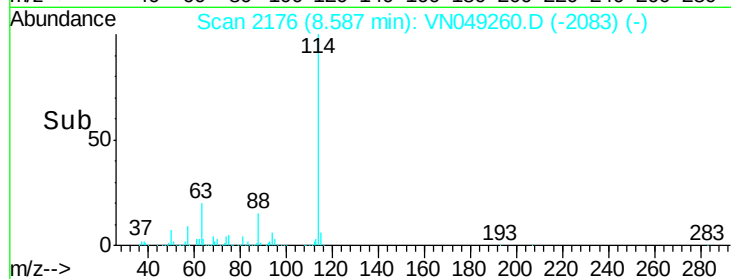
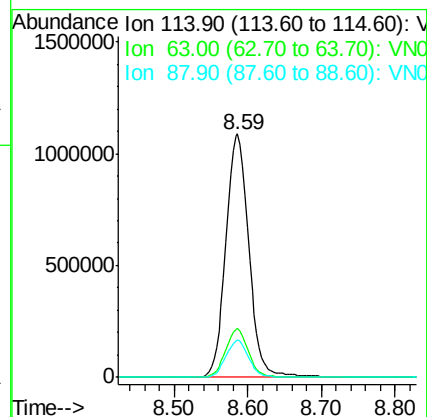
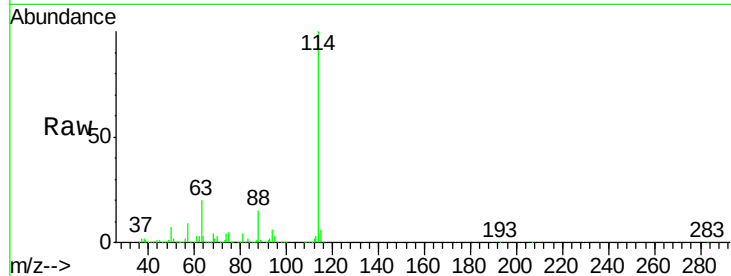
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
114	100		2360510		
63	20.1		0.0	44.4	
88	15.5		0.0	31.4	

Manual Integrations
 APPROVED

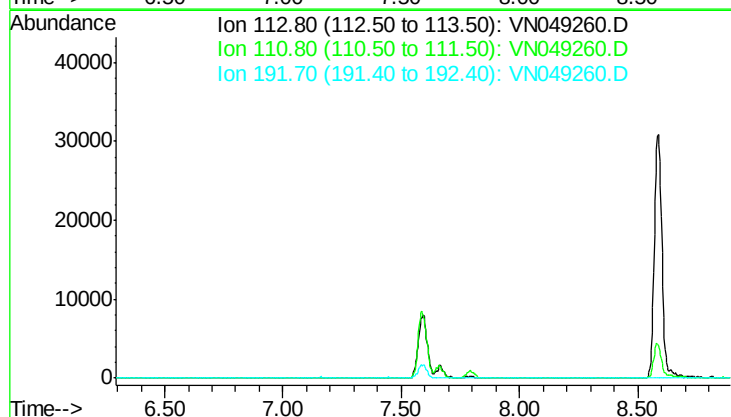
MMDadoda
 6/18/2018 3:16:08 PM

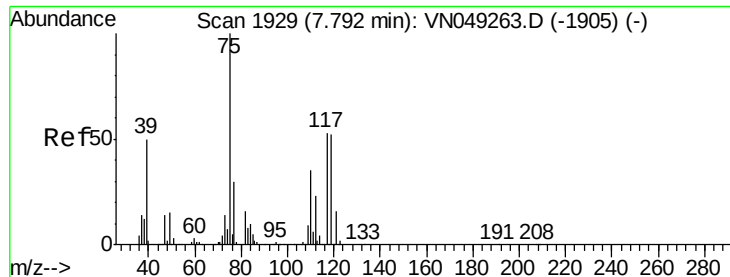


#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 7.59 min

Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Tgt Ion	Sig	Exp Ratio
113	100	
111	103.0	
192	18.8	





#36

1,1-Dichloropropene

Concen: 0.89 ug/l

RT: 7.79 min Scan# 1928

Delta R.T. -0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

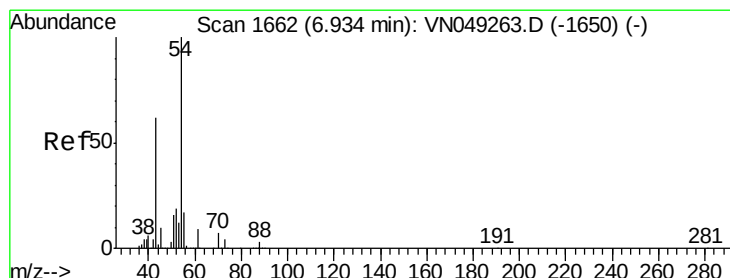
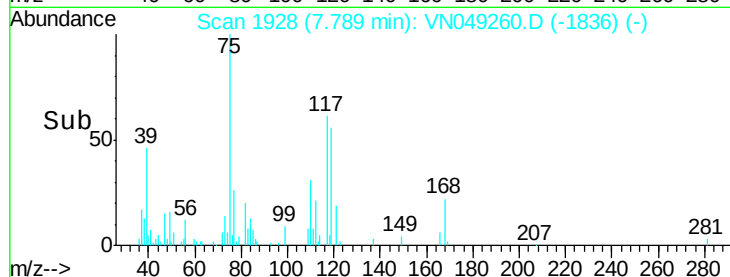
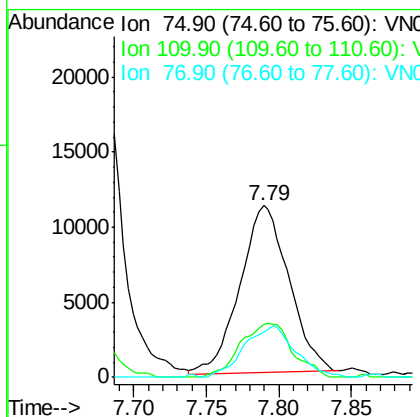
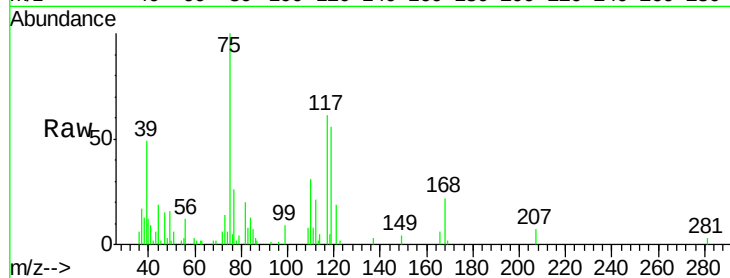
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	26109
Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.0	50.9
77	31.9	24.4	36.6

Manual Integrations
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#37

Ethyl Acetate

Concen: 0.63 ug/l

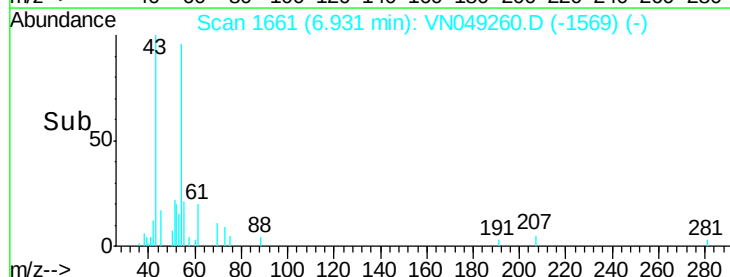
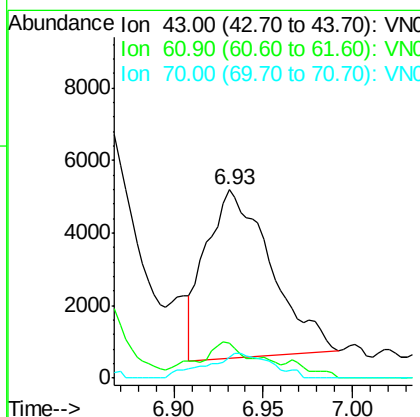
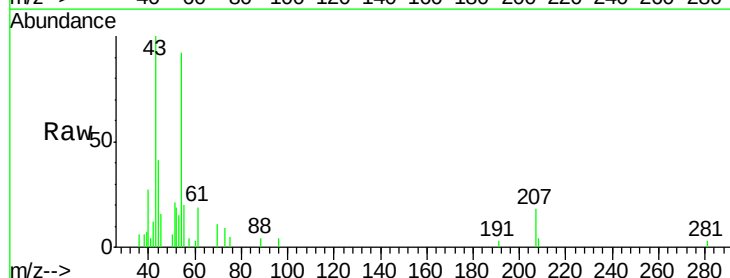
RT: 6.93 min Scan# 1661

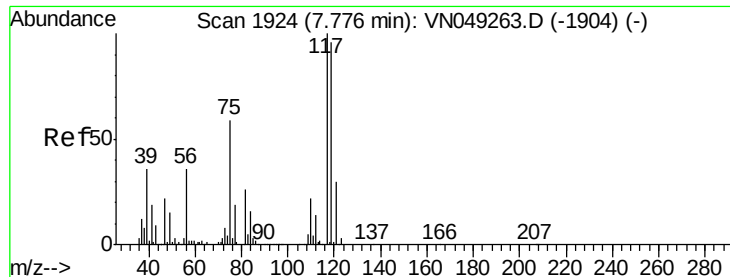
Delta R.T. -0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Tgt Ion:	43	Resp:	11737
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	14.7	7.2	10.8#





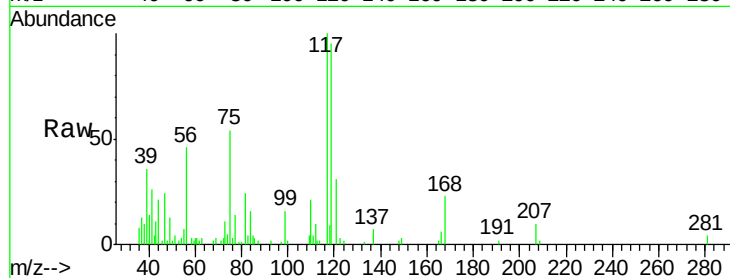
#38
Carbon Tetrachloride
Concen: 0.97 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

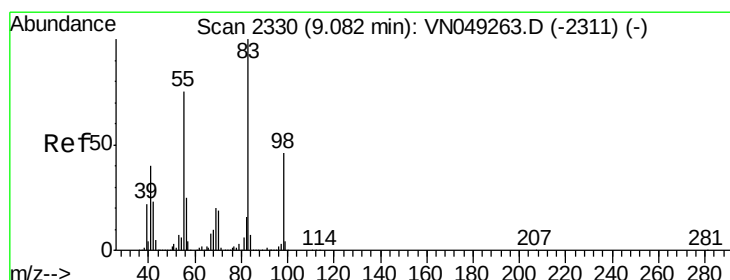
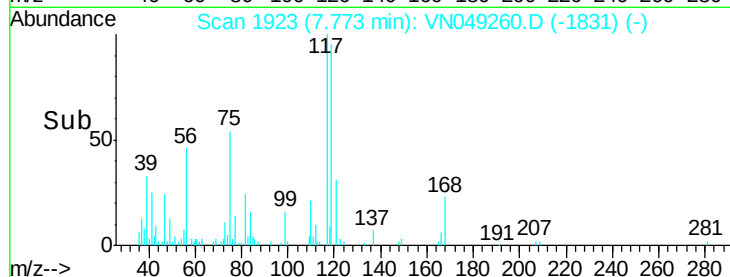
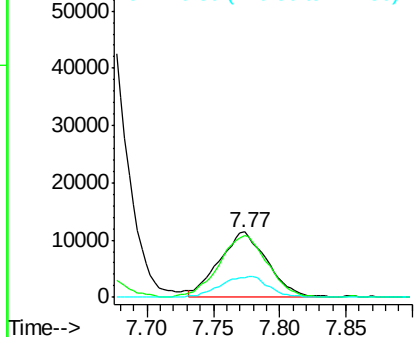
Tot Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.6	113.4
121	30.5	24.7	37.1

Manual Integrations
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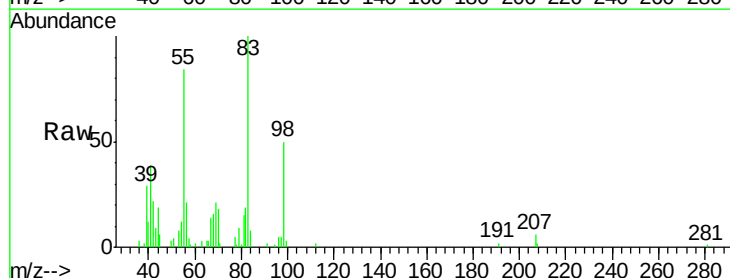


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

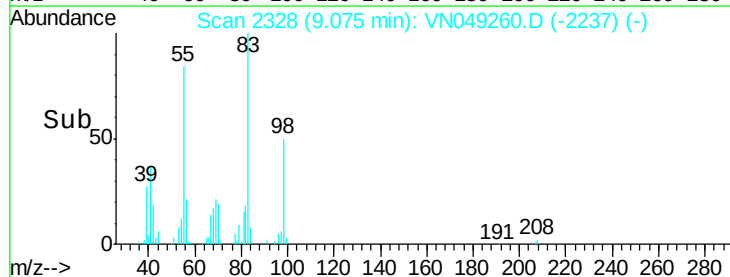
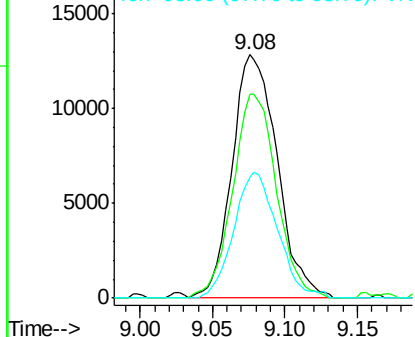


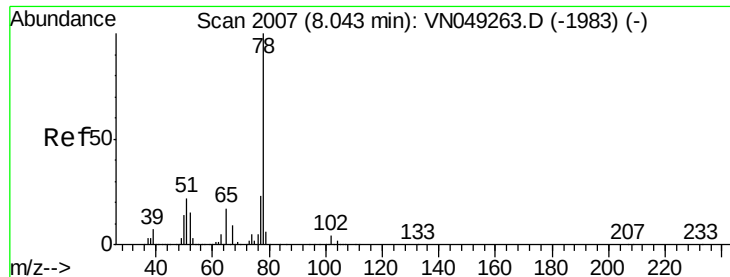
#39
Methylcyclohexane
Concen: 0.91 ug/l
RT: 9.08 min Scan# 2328
Delta R.T. -0.01 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.9	65.1	97.7
98	49.6	36.5	54.7



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





#40

Benzene

Concen: 0.94 ug/l

RT: 8.04 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 84190

Ion Ratio Lower Upper

78 100

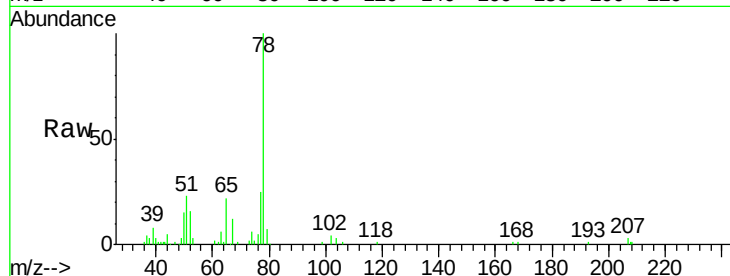
77 25.2 19.4 29.0

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VNO

Ion 77.00 (76.70 to 77.70): VNO

8.04

40000

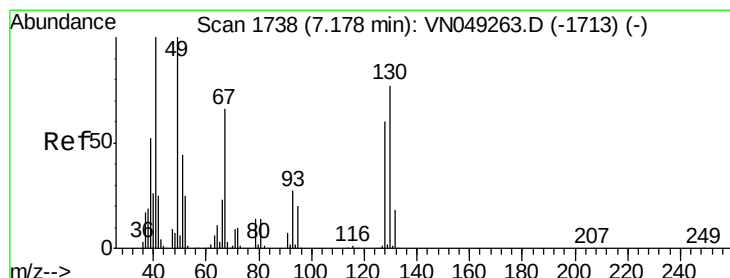
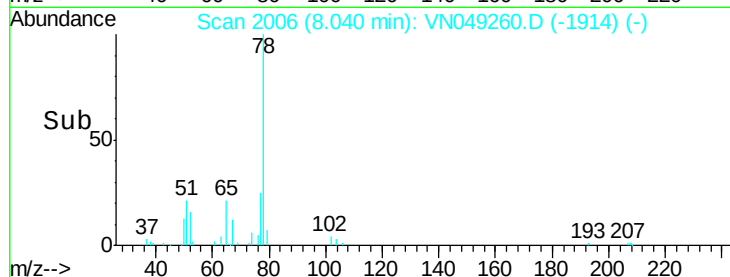
30000

20000

10000

0

Time-->



#41

Methacrylonitrile

Concen: 0.57 ug/l m

RT: 7.18 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Tgt Ion: 41 Resp: 6006

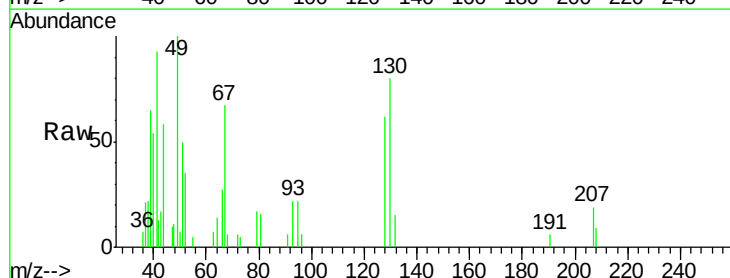
Ion Ratio Lower Upper

41 100

39 94.2 0.0 0.0#

67 3.7 0.0 0.0#

52 6.6 0.0 0.0#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO

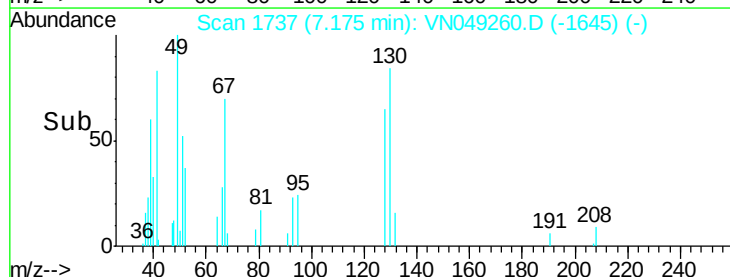
6000

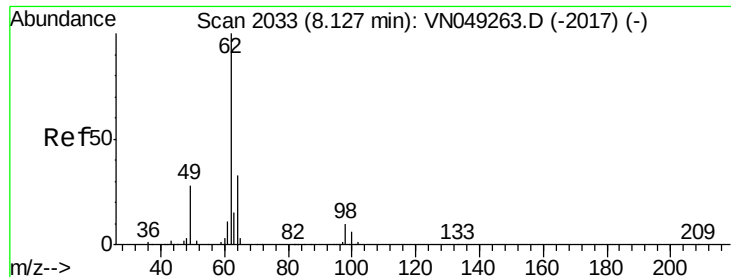
4000

2000

0

Time-->





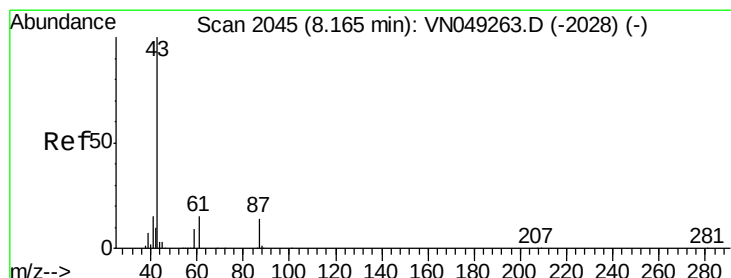
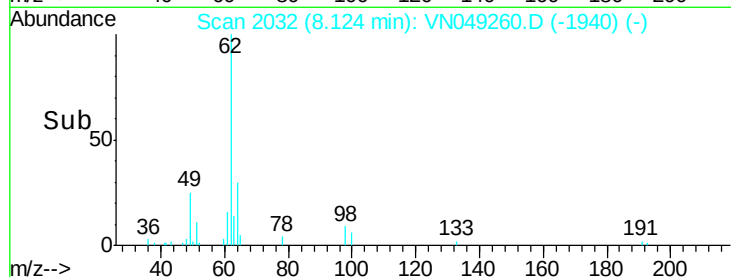
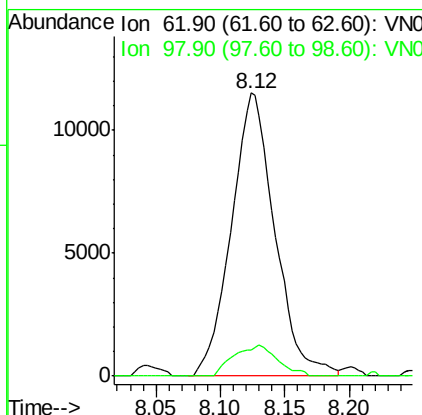
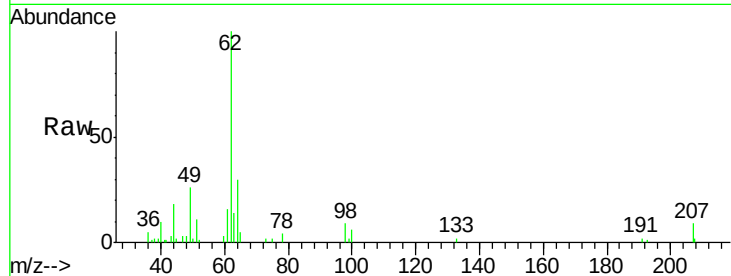
#42
 1,2-Dichloroethane
 Concen: 0.92 ug/l
 RT: 8.12 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	16.2

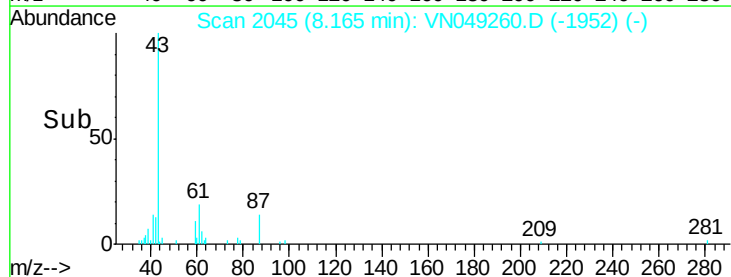
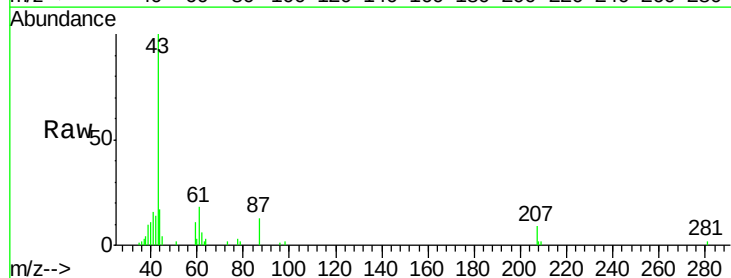
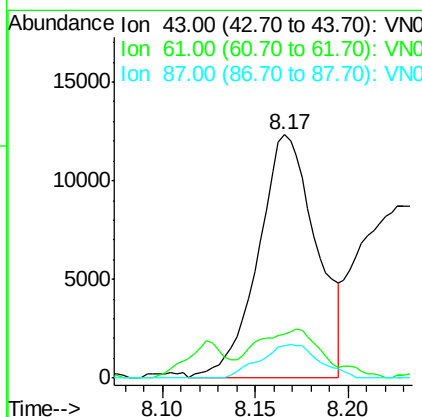
Manual Integrations
 APPROVED

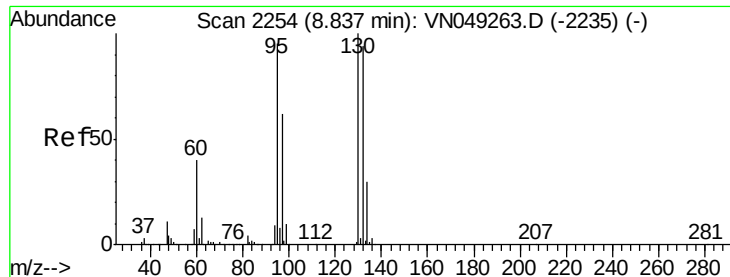
MMDadoda
 6/18/2018 3:16:08 PM



#43
 Isopropyl Acetate
 Concen: 0.79 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.3	14.2	21.4#
87	13.9	9.4	14.0





#44

Trichloroethene

Concen: 0.96 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:130 Resp: 21355

Ion Ratio Lower Upper

130 100

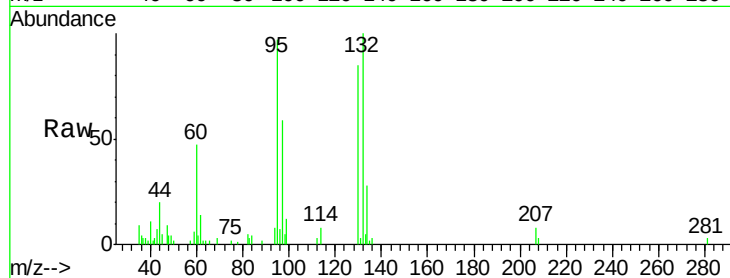
95 111.3 0.0 208.6

Manual Integrations

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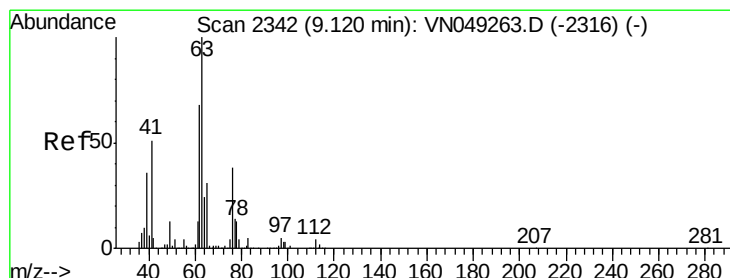
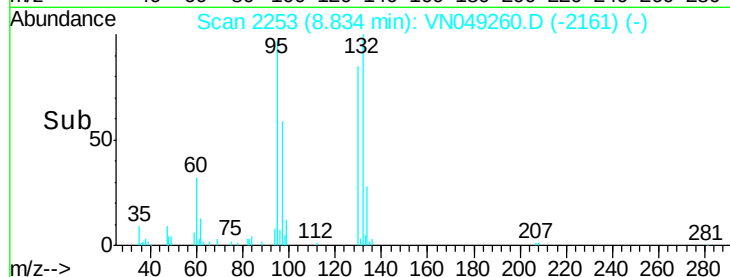
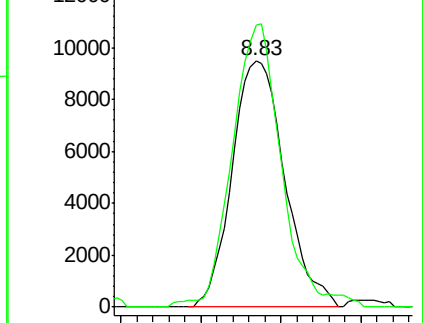
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.88 ug/l

RT: 9.12 min Scan# 2341

Delta R.T. -0.00 min

Lab File: VN049260.D

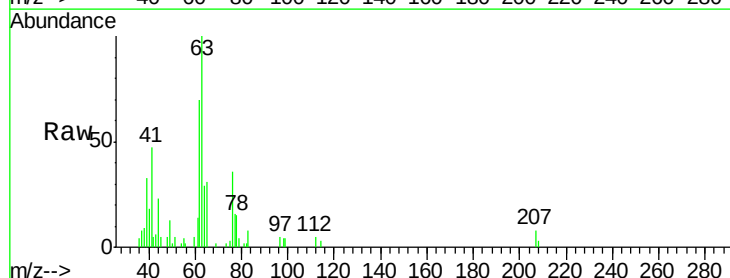
Acq: 15 Jun 2018 14:01

Tgt Ion: 63 Resp: 21699

Ion Ratio Lower Upper

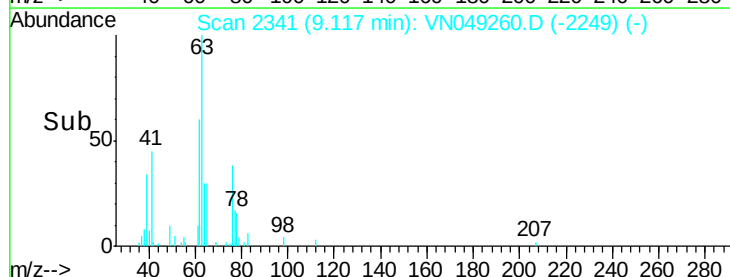
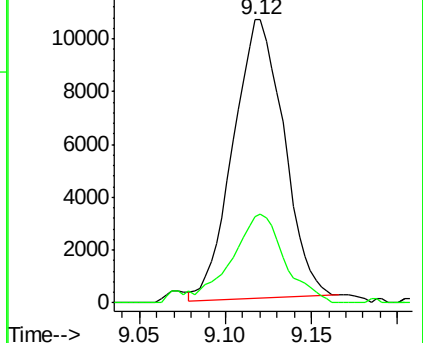
63 100

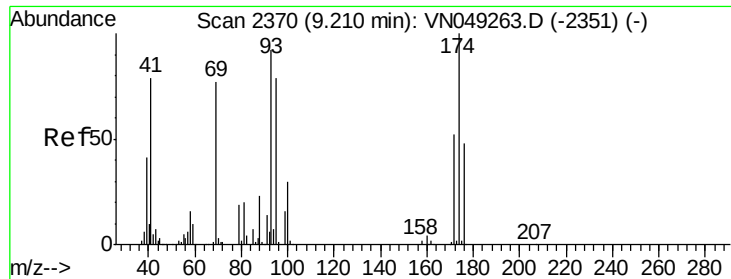
65 31.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





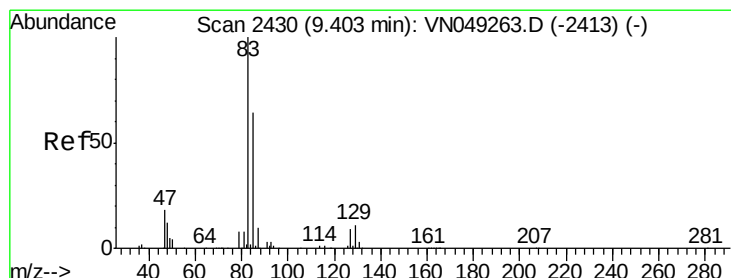
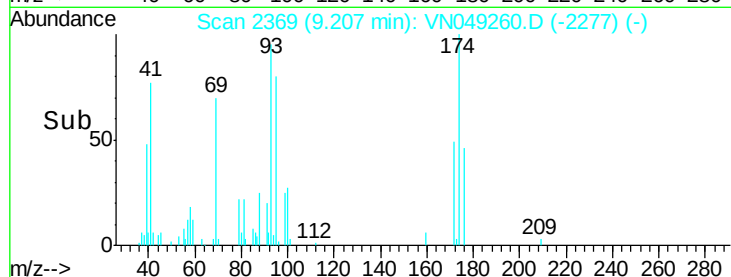
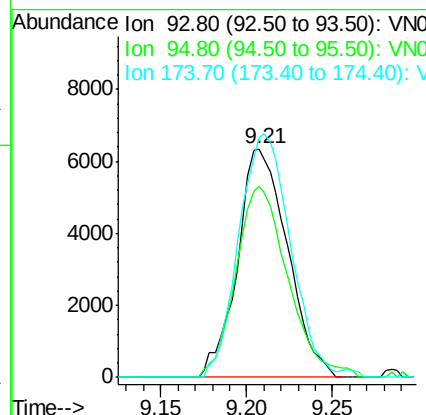
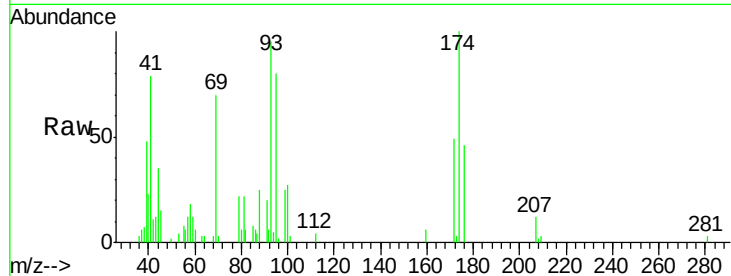
#46
Dibromomethane
Concen: 0.94 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	86.9	67.2	100.8
174	110.1	75.6	113.4

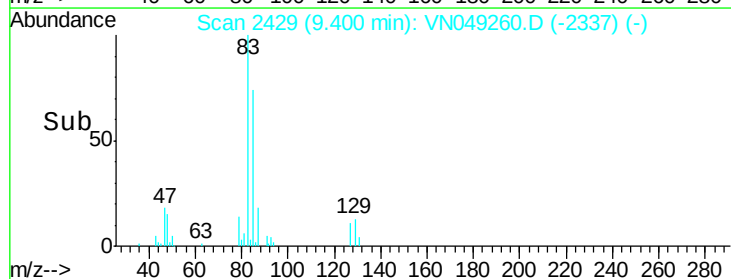
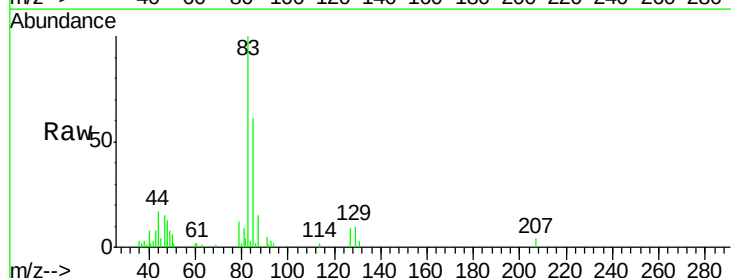
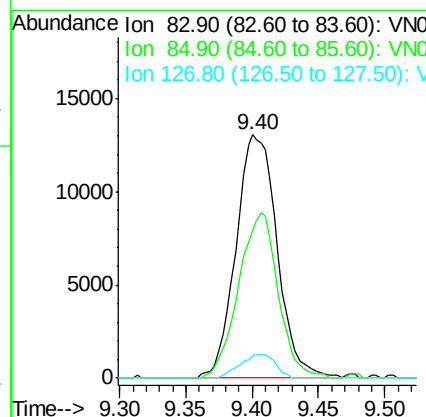
Manual Integrations
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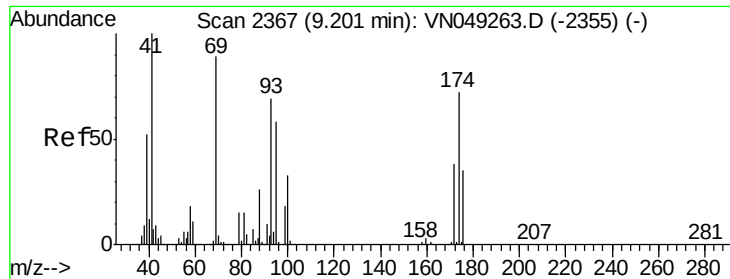
MMDadoda
6/18/2018 3:16:08 PM



#47
Bromodichloromethane
Concen: 0.92 ug/l
RT: 9.40 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.8	49.4	74.0
127	9.0	6.3	9.5





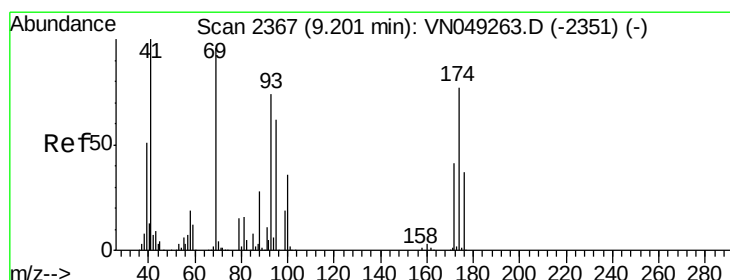
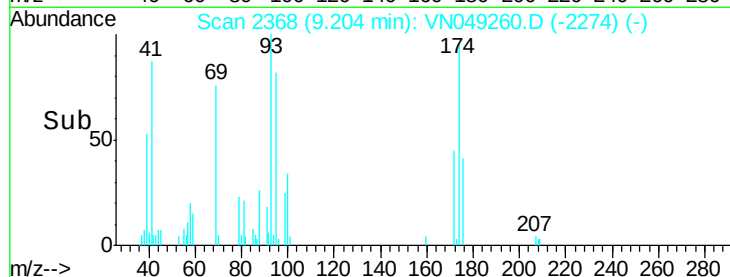
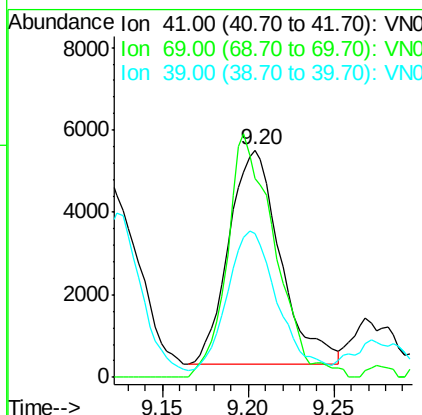
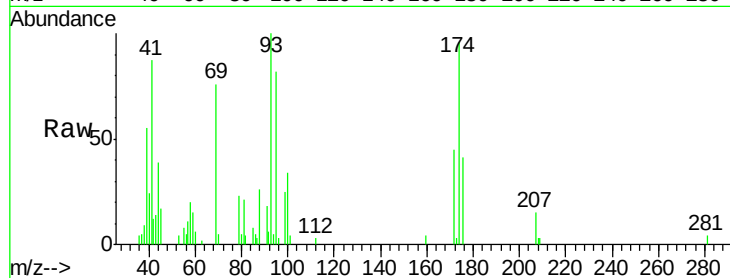
#48
Methvl methacrylate
Concen: 0.65 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	41	Resp	10810
Ion	Ratio	Lower	Upper
41	100		
69	105.5	62.0	93.0#
39	62.5	50.6	75.8

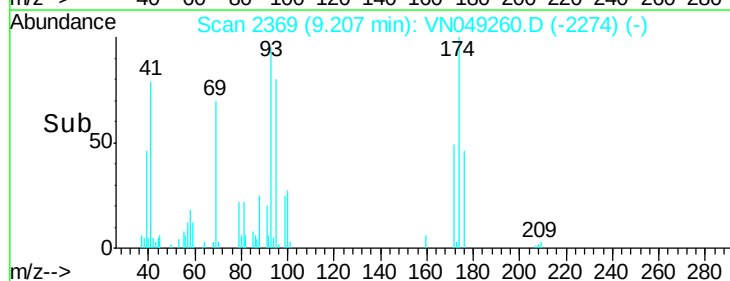
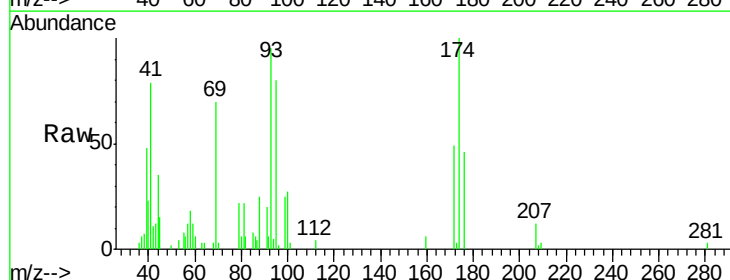
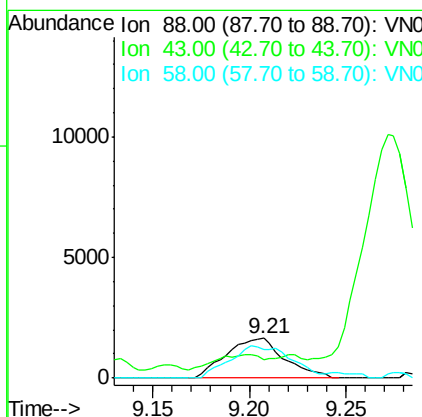
Manual Integrations
APPROVED

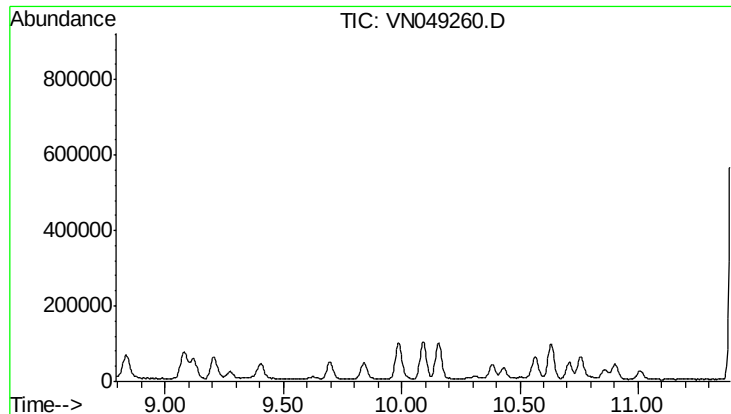
MMDadoda
6/18/2018 3:16:08 PM



#49
1,4-Dioxane
Concen: 17.45 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.01 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	88	Resp	3447
Ion	Ratio	Lower	Upper
88	100		
43	31.9	30.9	46.3
58	84.9	58.9	88.3





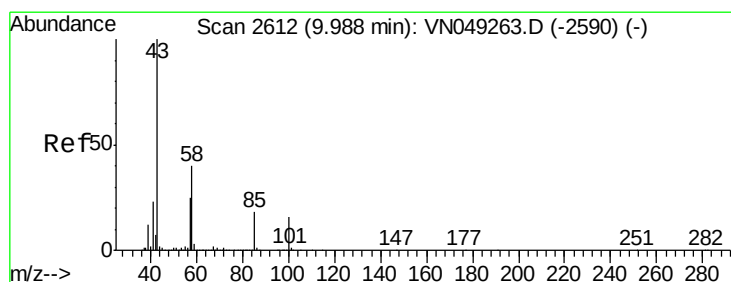
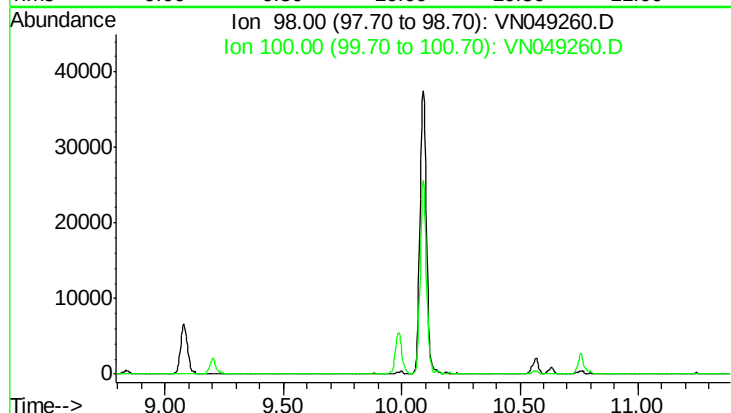
#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 10.09 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 62.3

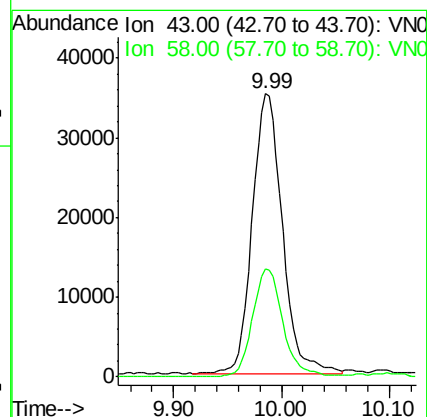
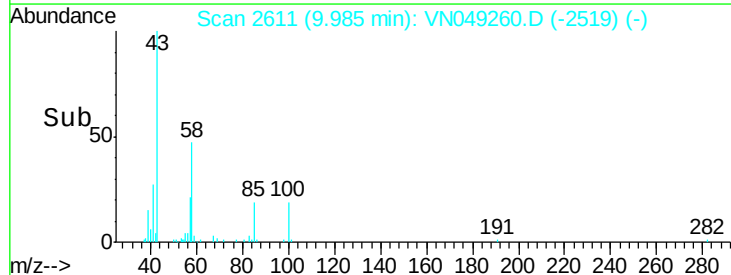
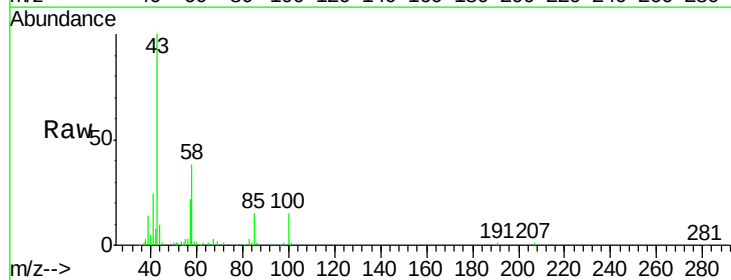
Manual Integrations
APPROVED

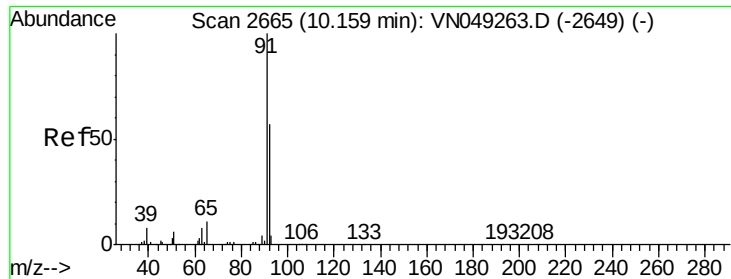
MMDadoda
6/18/2018 3:16:08 PM



#51
4-Methyl-2-Pentanone
Concen: 3.72 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion: 43 Resp: 67752
Ion Ratio Lower Upper
43 100
58 39.0 29.0 43.6





#52

Toluene

Concen: 0.80 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 41391

Ion Ratio Lower Upper

92 100

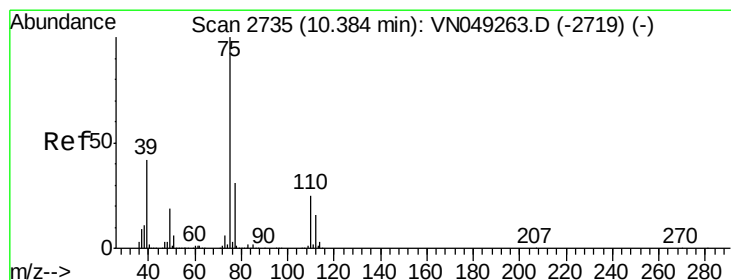
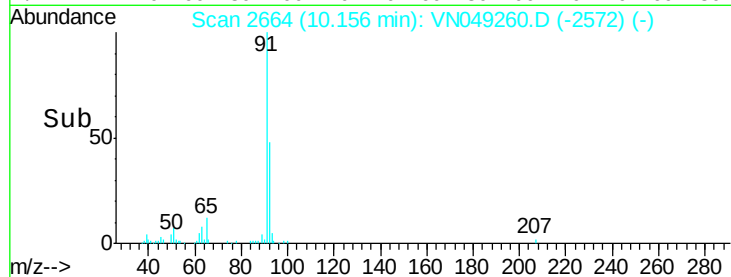
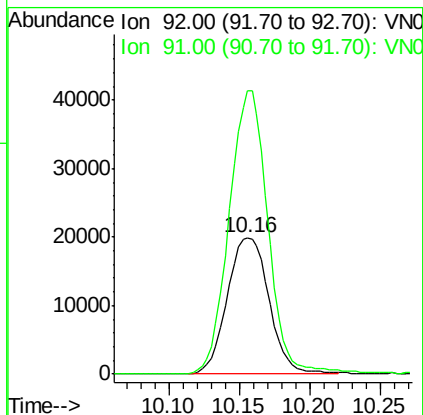
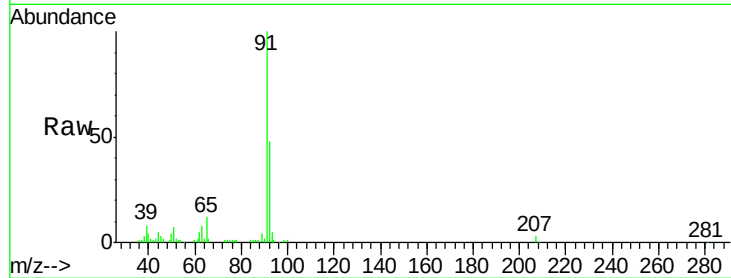
91 193.3 143.4 215.2

Manual Integrations

APPROVED

MMDadoda

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#53

t-1,3-Dichloropropene

Concen: 0.78 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049260.D

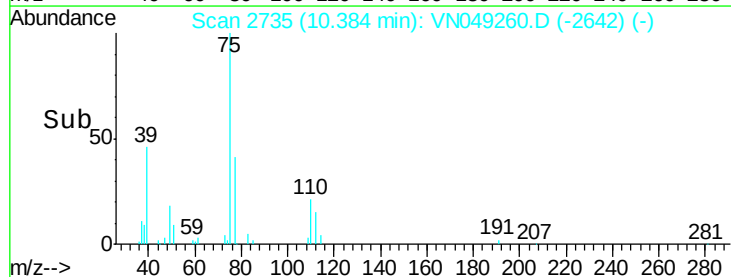
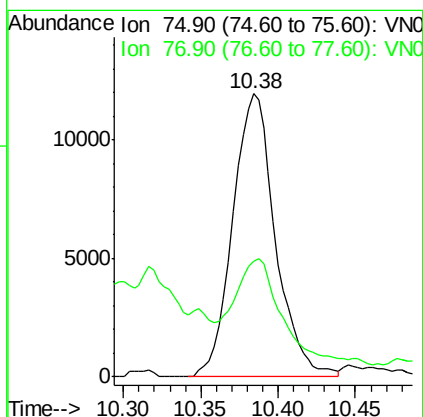
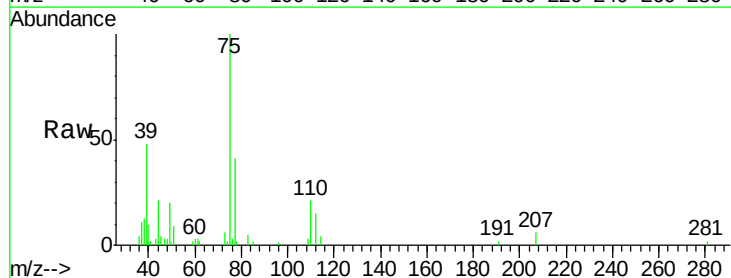
Acq: 15 Jun 2018 14:01

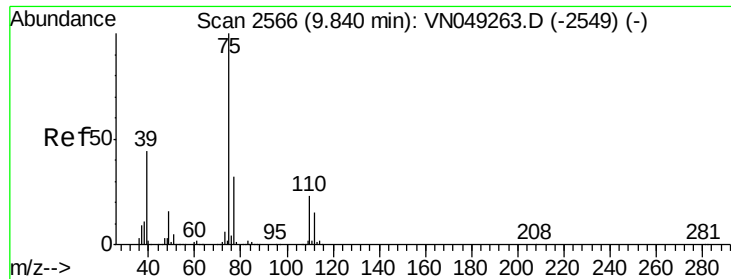
Tgt Ion: 75 Resp: 22818

Ion Ratio Lower Upper

75 100

77 34.3 25.2 37.8





#54

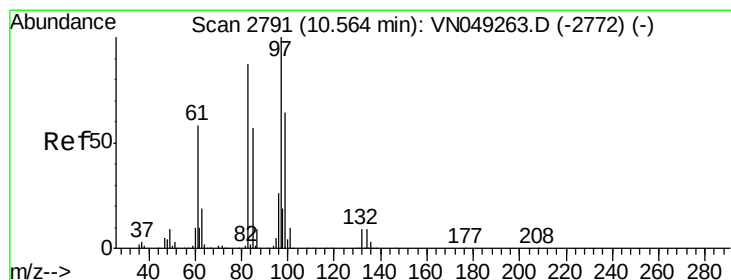
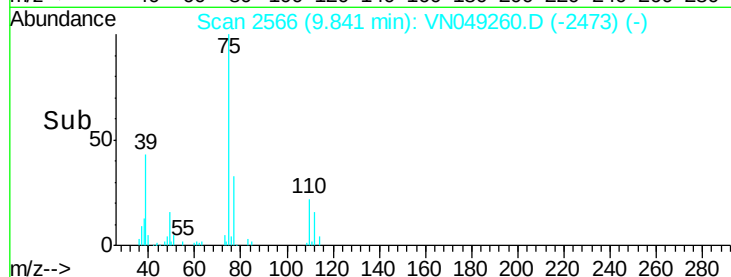
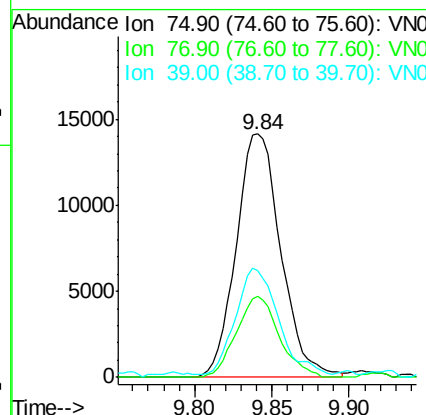
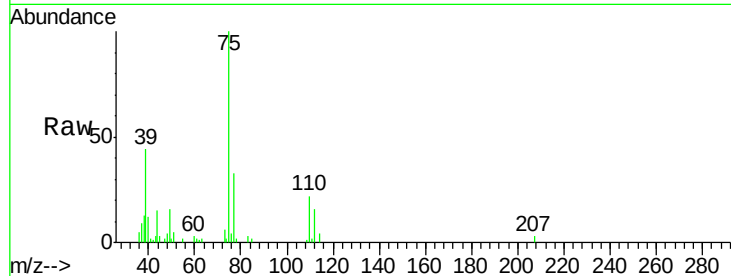
cis-1,3-Dichloropropene
Concen: 0.84 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.2	24.8	37.2
39	42.4	45.1	67.7#

Manual Integrations
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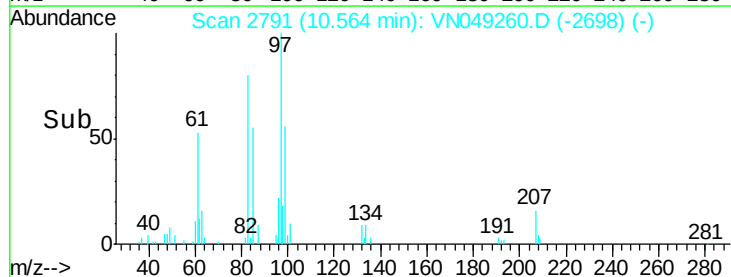
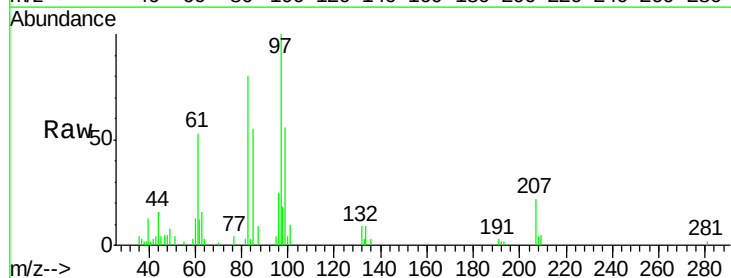
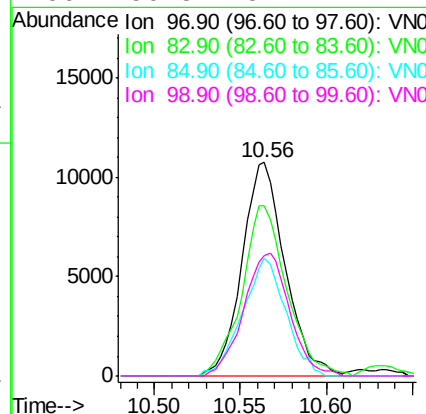
MMDadoda
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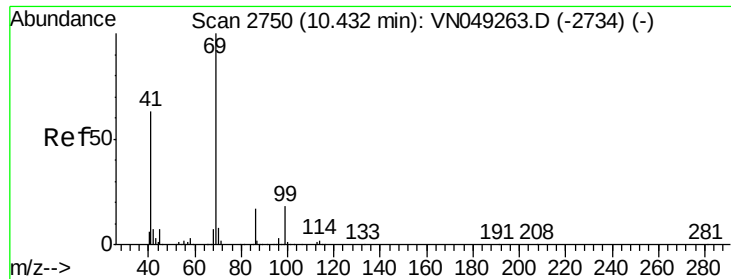


#55

1,1,2-Trichloroethane
Concen: 0.98 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.8	71.5	107.3
85	55.1	47.0	70.4
99	56.3	51.4	77.2





#56

Ethyl methacrylate

Concen: 0.74 ug/l

RT: 10.44 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

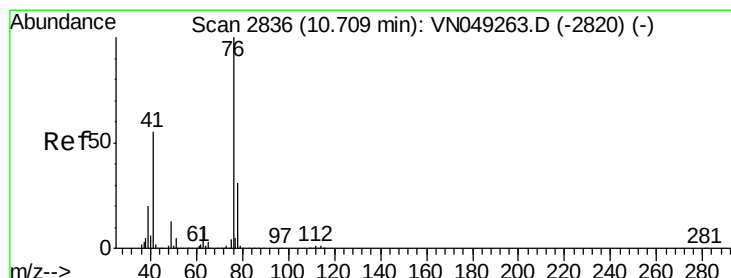
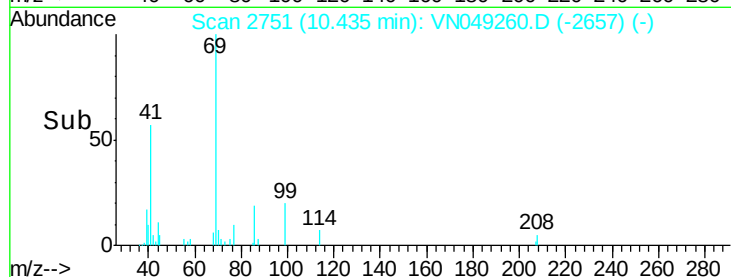
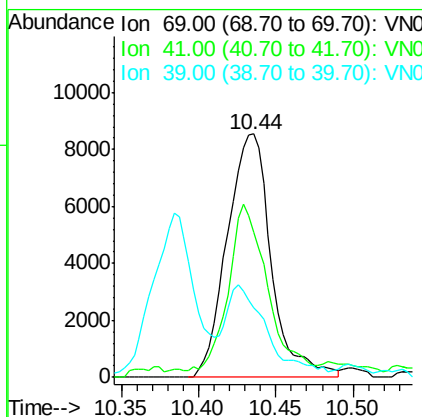
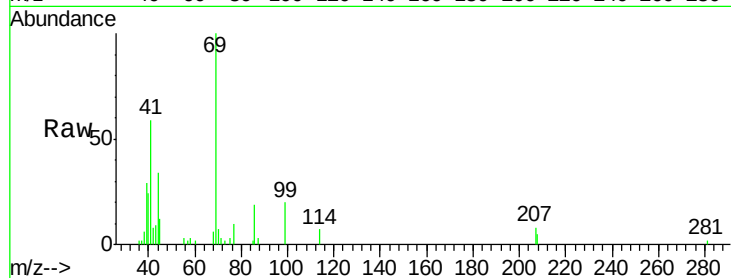
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	16934
Ion Ratio	Lower	Upper	
69	100		
41	62.5	58.4	87.6
39	37.0	35.5	53.3

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.85 ug/l

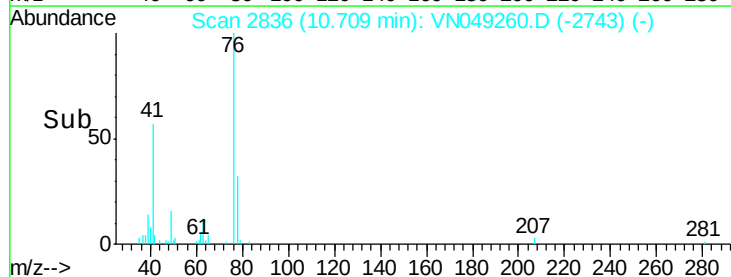
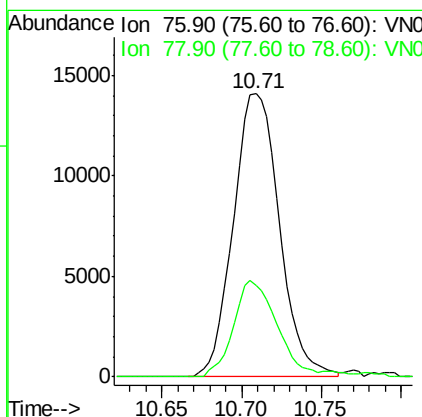
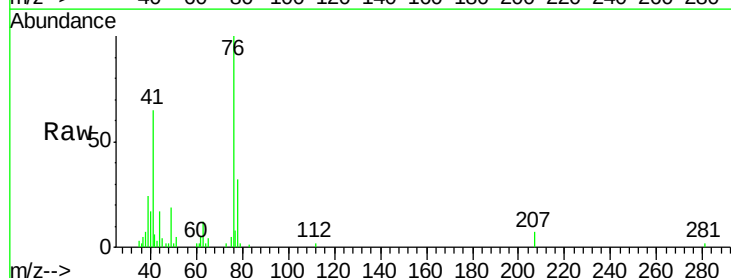
RT: 10.71 min Scan# 2836

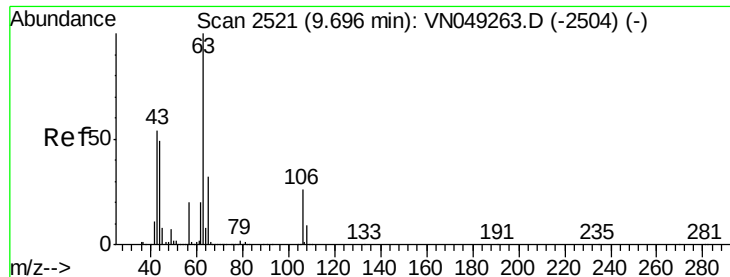
Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Tgt Ion:	76	Resp:	27730
Ion Ratio	Lower	Upper	
76	100		
78	31.9	26.3	39.5





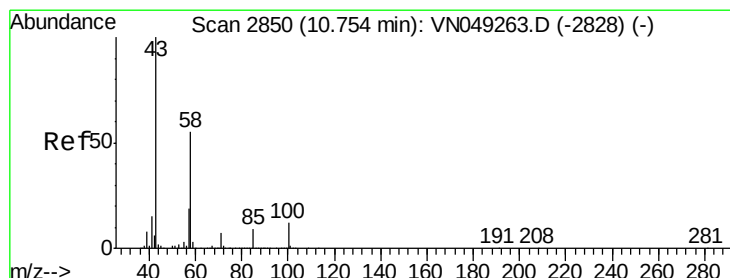
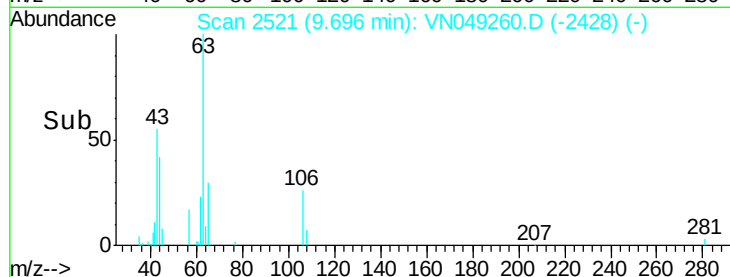
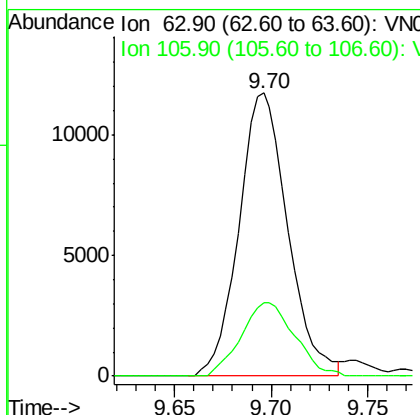
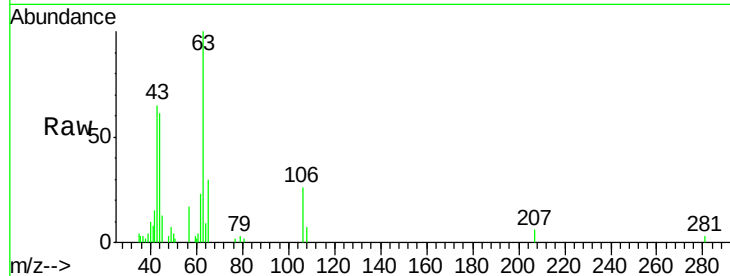
#58
 2-Chloroethyl Vinyl ether
 Concen: 2.76 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
63	100		
106	28.5	19.4	29.2

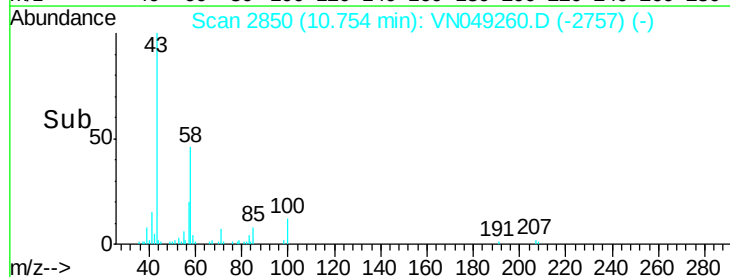
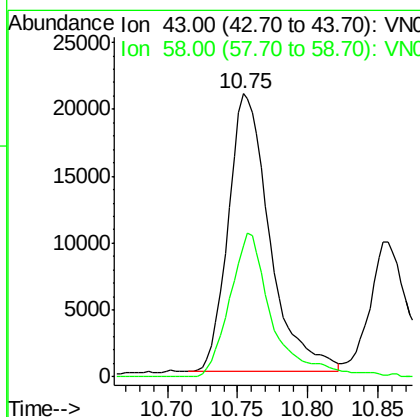
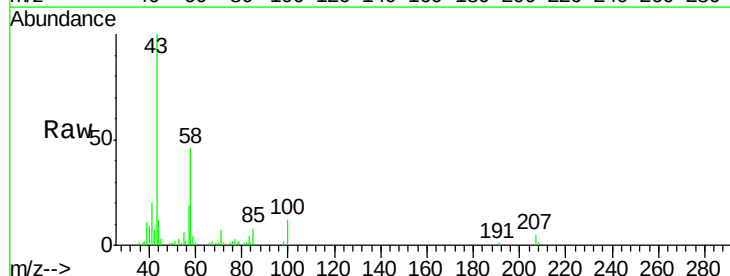
Manual Integrations
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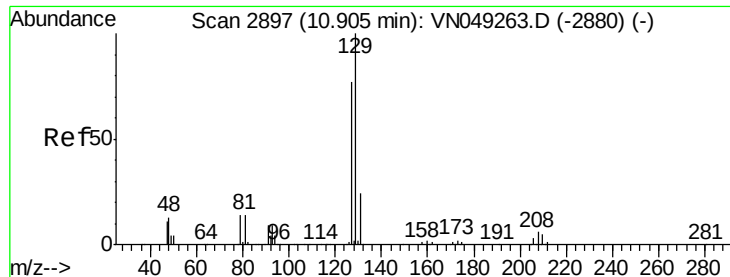
MMDadoda
 6/18/2018 3:16:08 PM



#59
 2-Hexanone
 Concen: 3.73 ug/l
 RT: 10.75 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.5	25.2	75.6





#60

Dibromochloromethane

Concen: 0.90 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:129 Resp: 18940

Ion Ratio Lower Upper

129 100

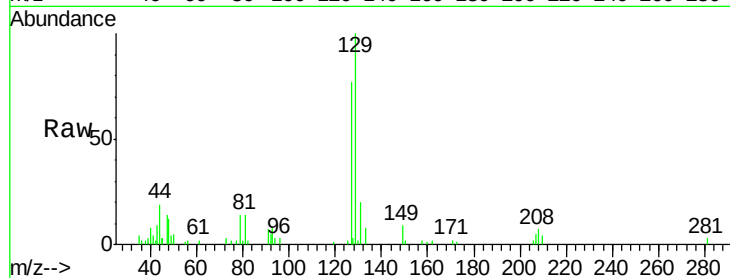
127 79.6 39.1 117.2

Manual Integrations

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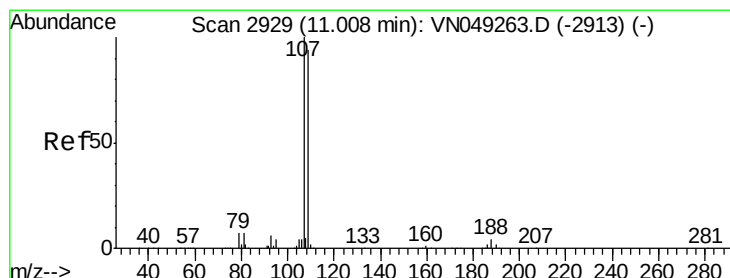
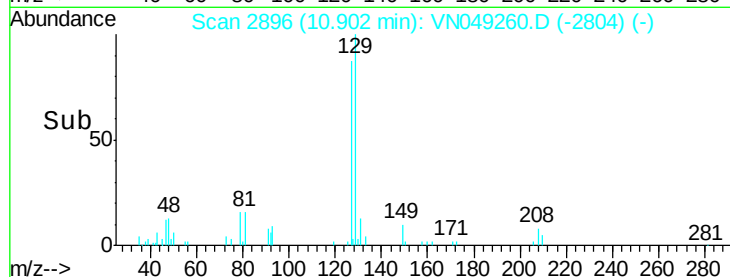
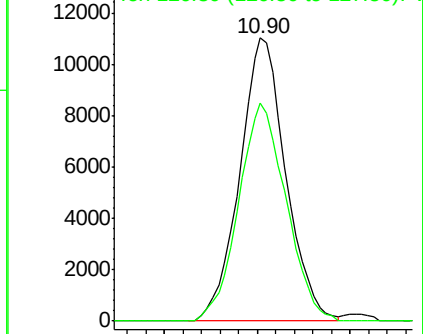
MMDadoda

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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: 0.92 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049260.D

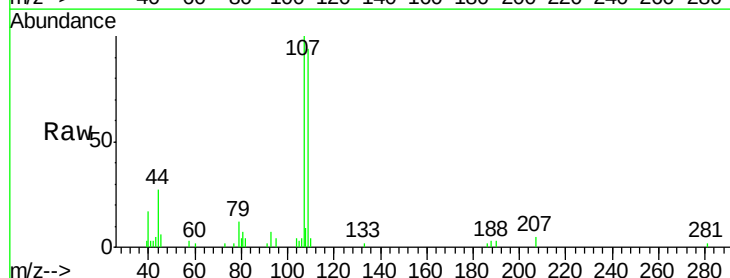
Acq: 15 Jun 2018 14:01

Tgt Ion:107 Resp: 16164

Ion Ratio Lower Upper

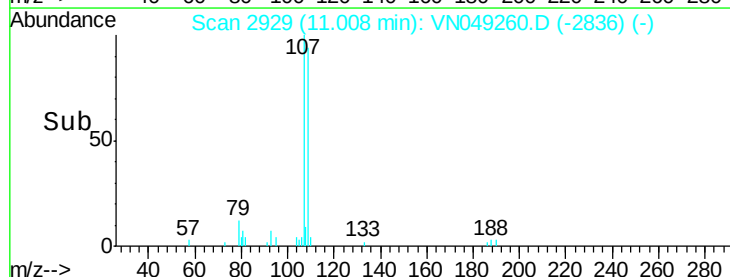
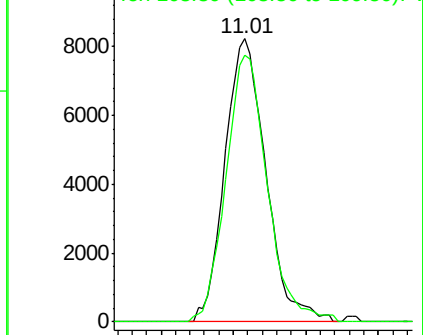
107 100

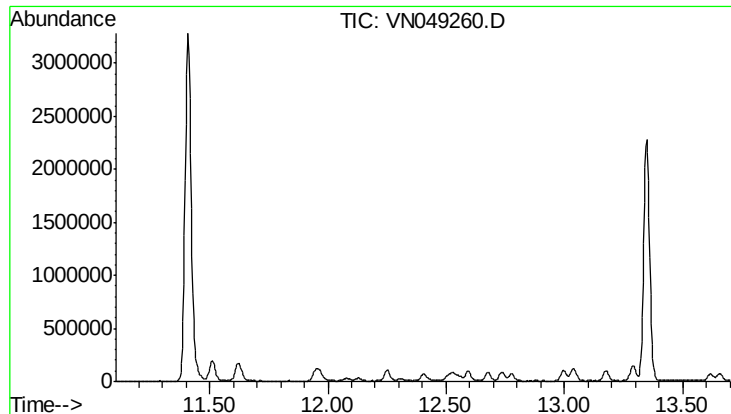
109 94.9 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.00 ug/l

Expected RT: 12.40 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Tot Ion: 95

Sig Exp Ratio

95 100

174 82.8

176 78.7

Instrument :

MSVOA_N

ClientSampleId :

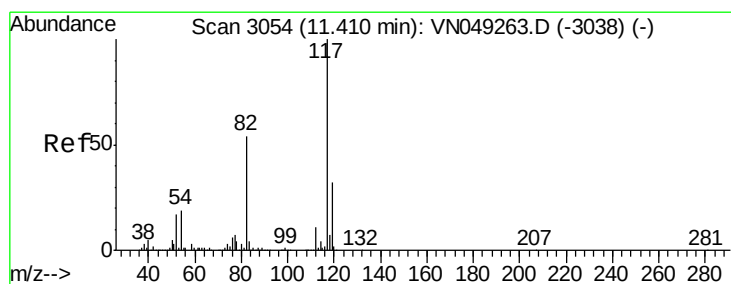
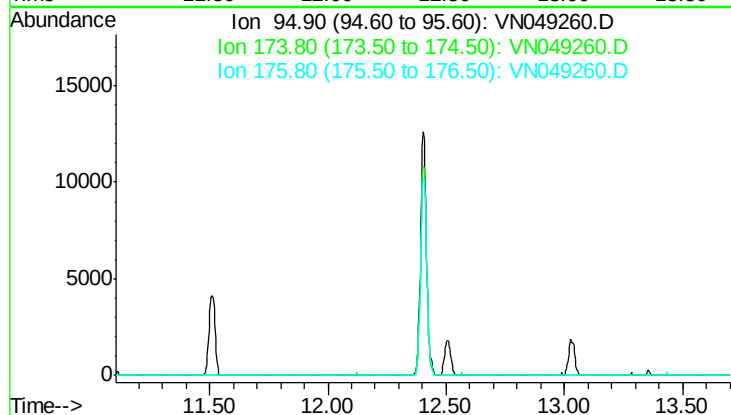
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

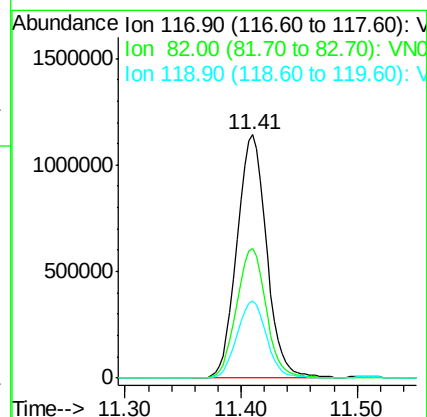
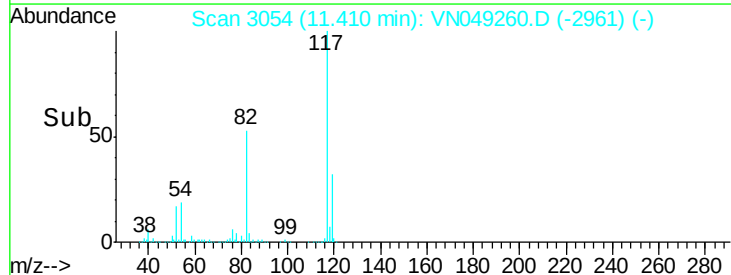
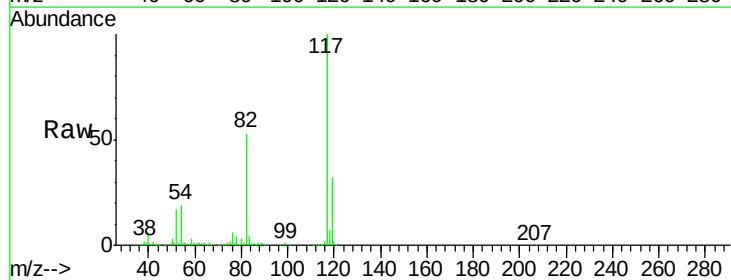
Tgt Ion: 117 Resp: 2019378

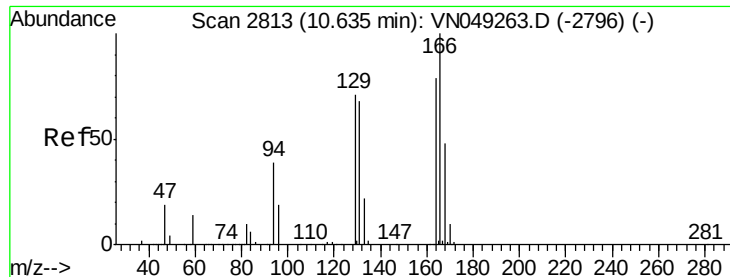
Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

119 31.7 25.5 38.3





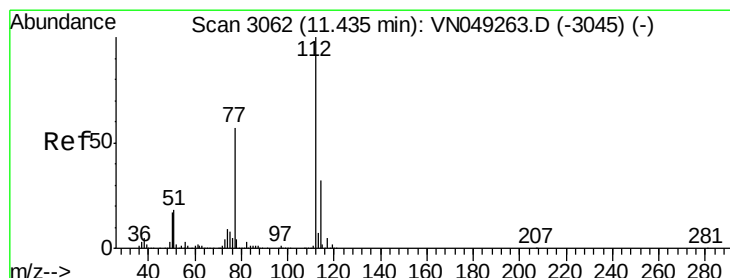
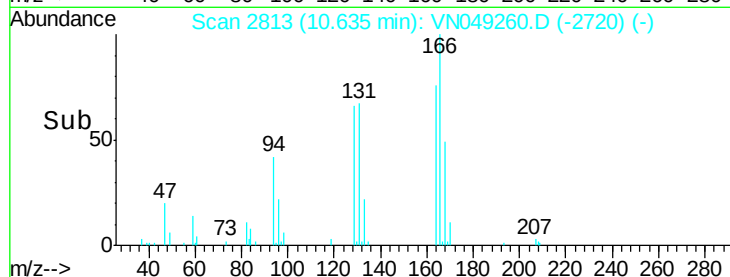
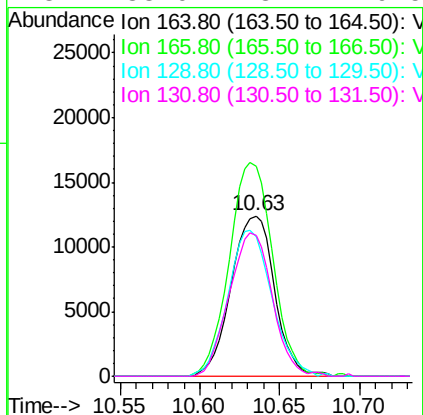
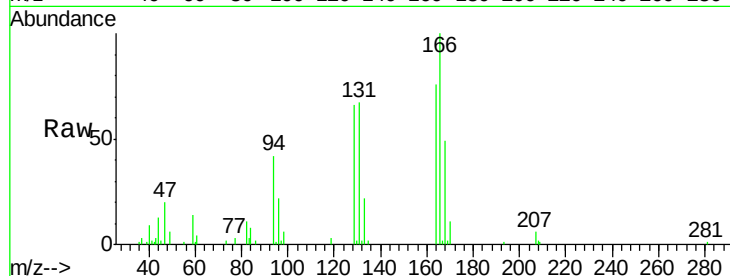
#64
Tetrachloroethene
Concen: 1.13 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.3	101.4	152.2
129	87.0	74.1	111.1
131	88.0	73.7	110.5

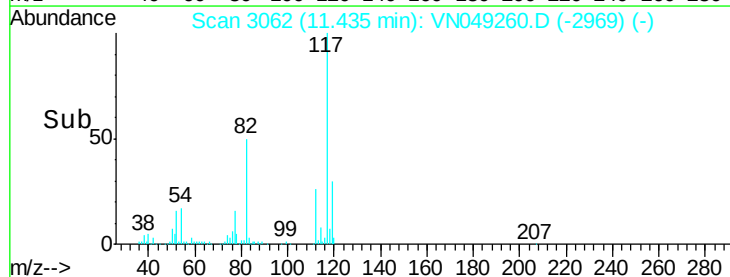
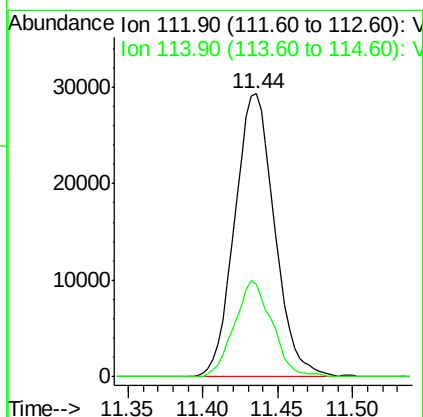
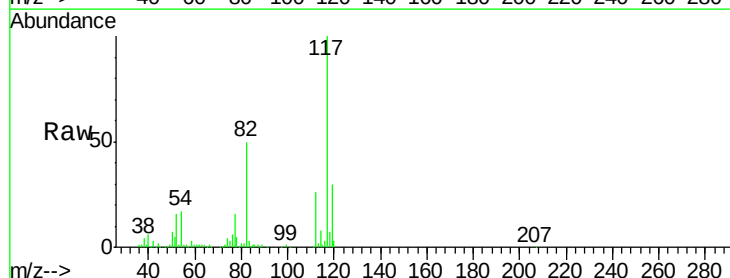
Manual Integrations
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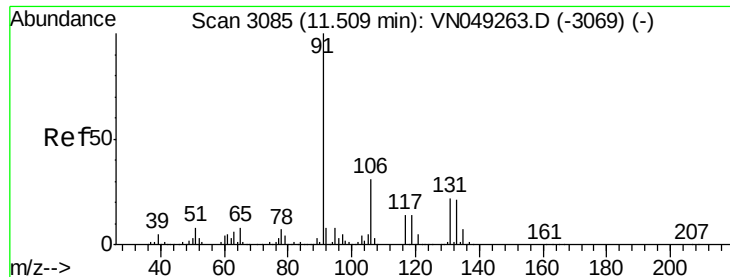
MMDadoda
6/18/2018 3:16:08 PM



#65
Chlorobenzene
Concen: 1.04 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.2	39.4





#66

1,1,1,2-Tetrachloroethane

Concen: 1.09 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:131 Resp: 21671

Ion Ratio Lower Upper

131 100

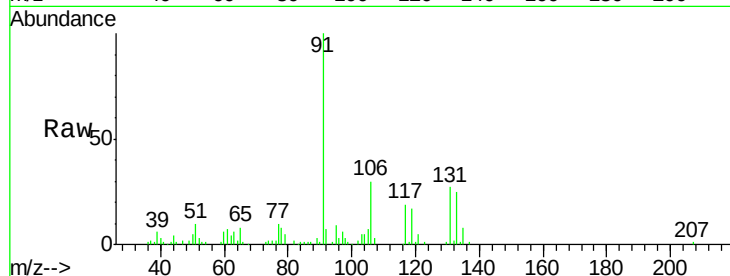
133 95.6 48.0 144.2

119 0.0 33.6 100.8#

Manual Integrations
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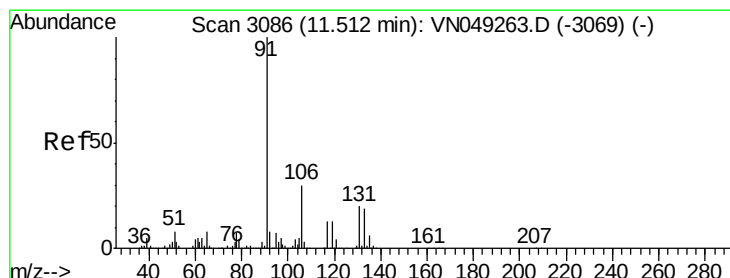
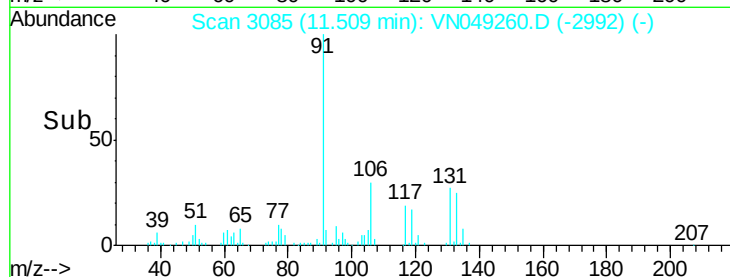
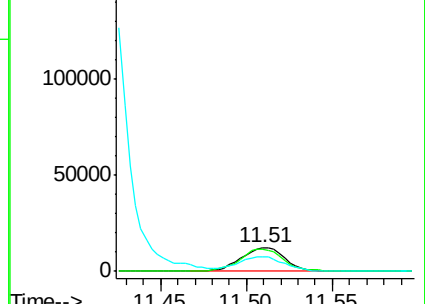
6/18/2018 3:16:08 PM



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.91 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049260.D

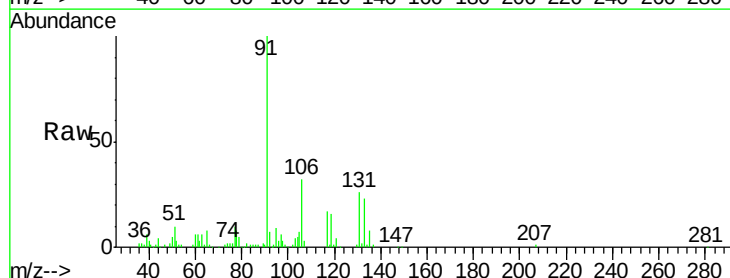
Acq: 15 Jun 2018 14:01

Tgt Ion: 91 Resp: 81487

Ion Ratio Lower Upper

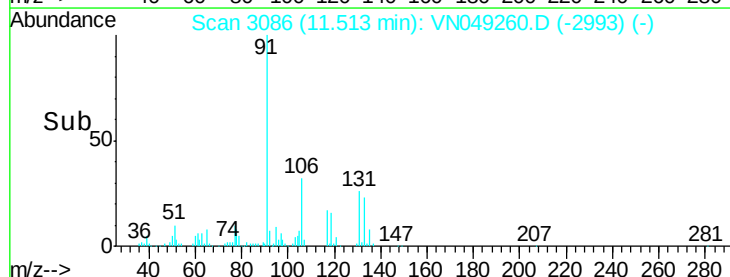
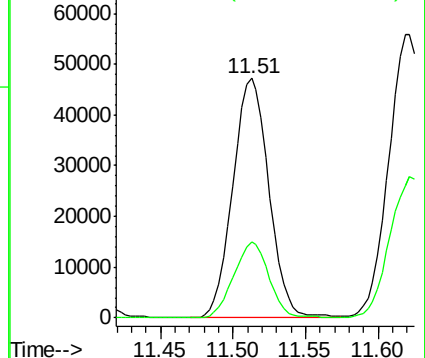
91 100

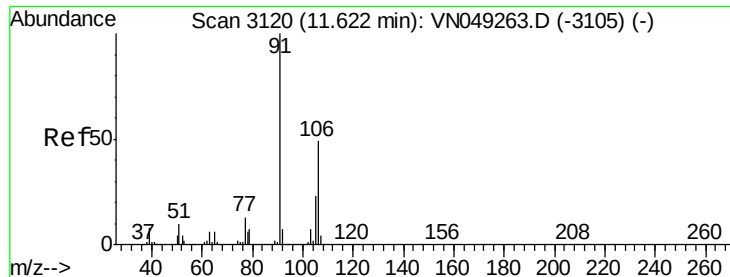
106 31.7 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





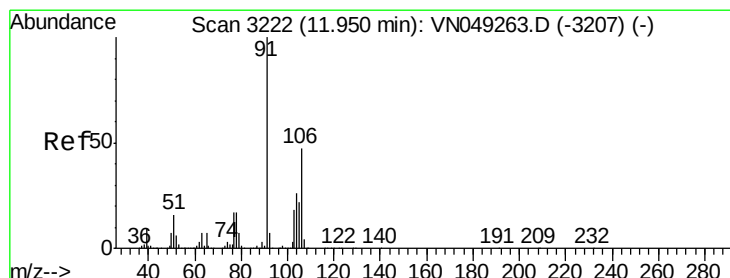
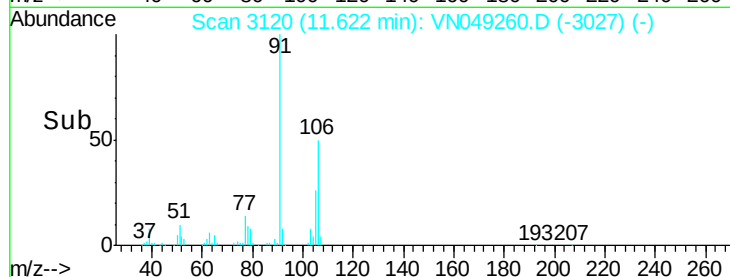
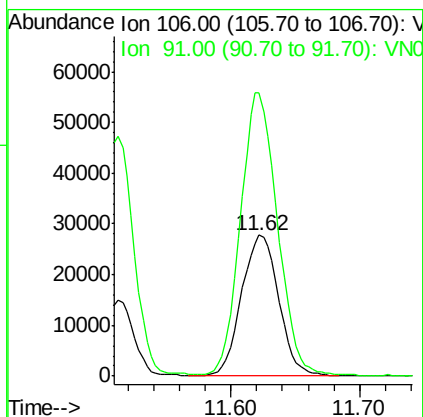
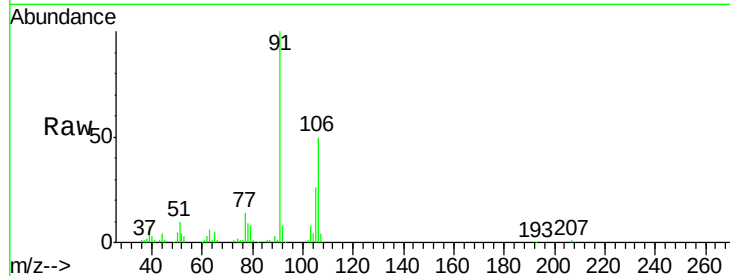
#68
m/p-Xylenes
Concen: 1.70 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		55929		
91	200.6	167.3	250.9		

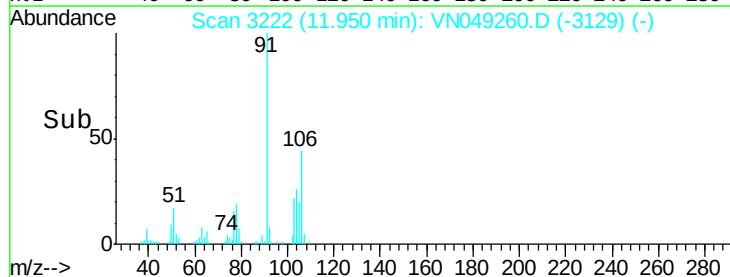
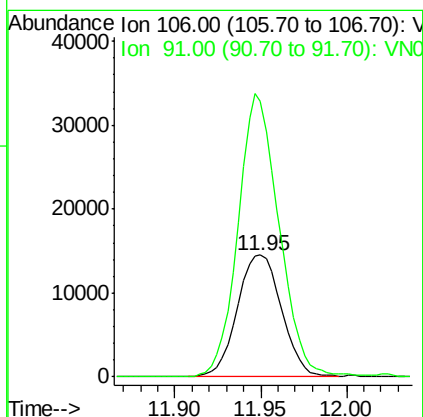
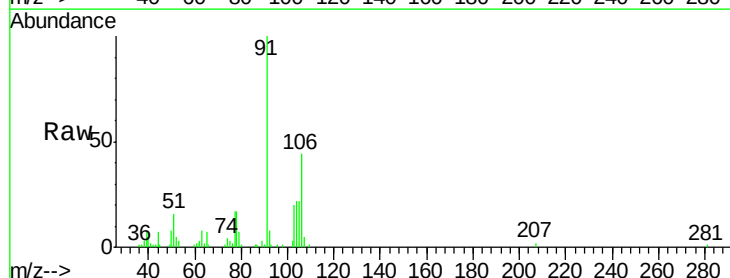
Manual Integrations
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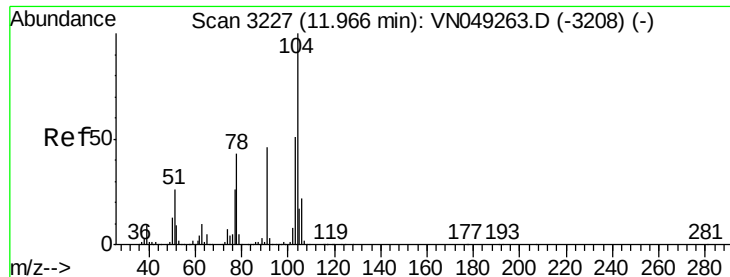
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#69
o-Xylene
Concen: 0.82 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		26019		
91	214.7	111.0	333.0		





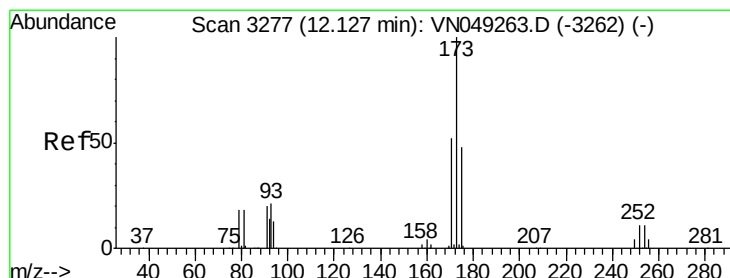
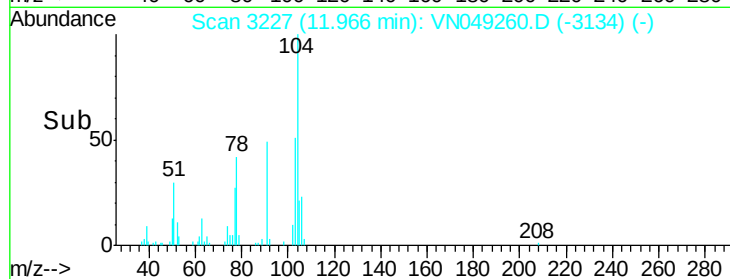
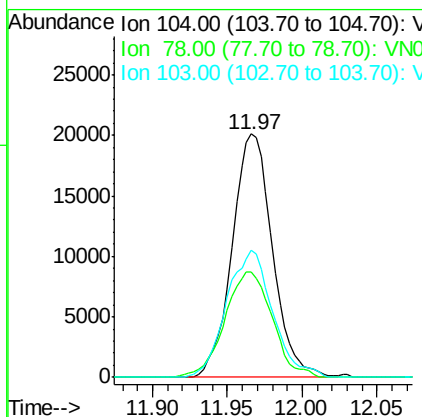
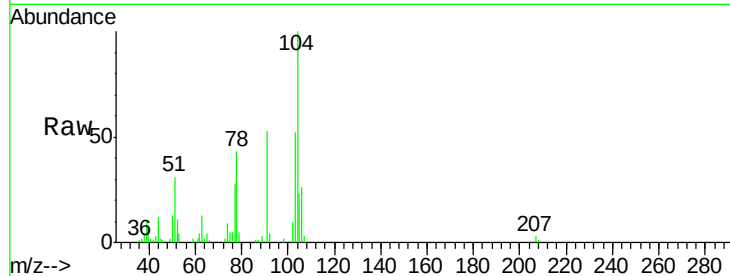
#70
Stvrene
Concen: 0.76 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.8	41.6	62.4
103	59.6	45.4	68.2

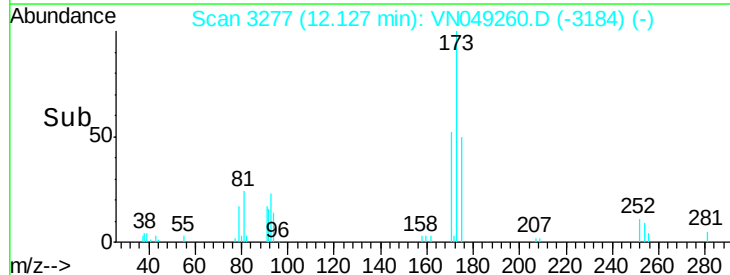
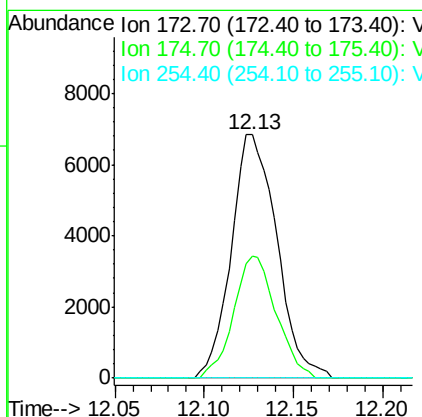
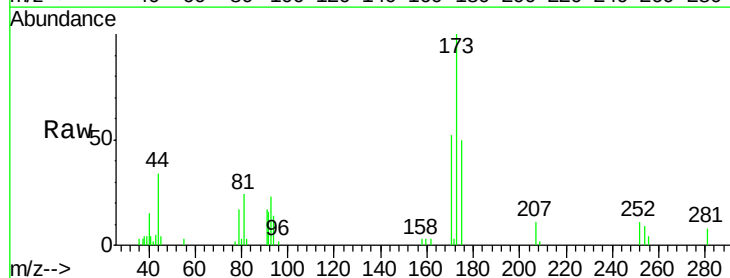
Manual Integrations
APPROVED

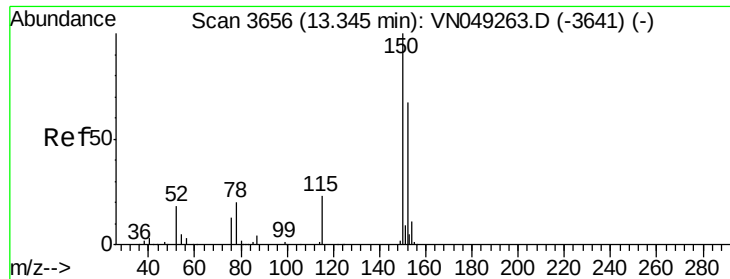
MMDadoda
6/18/2018 3:16:08 PM



#71
Bromoform
Concen: 0.98 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.8	24.5	73.5
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

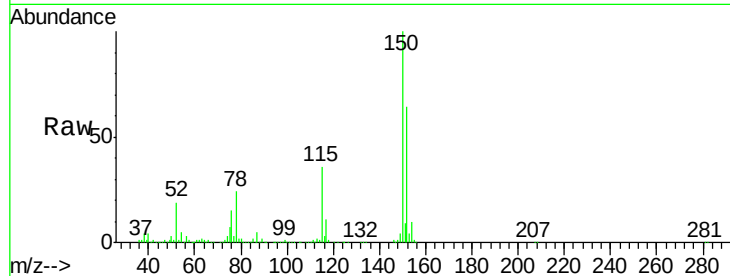
ClientSampled :

VSTDIC001

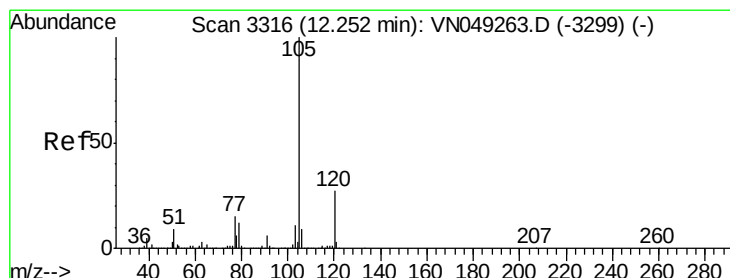
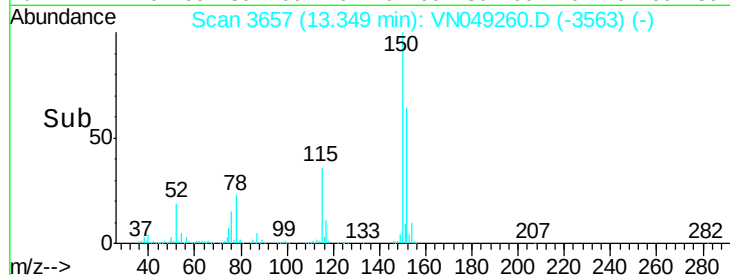
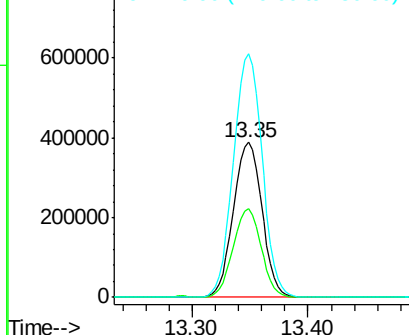
Tot Ion:	152	Resp:	665921
Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.7	86.1
150	157.6	0.0	351.0

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: 1.02 ug/l

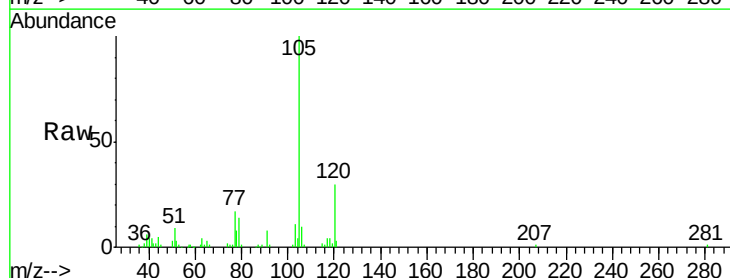
RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

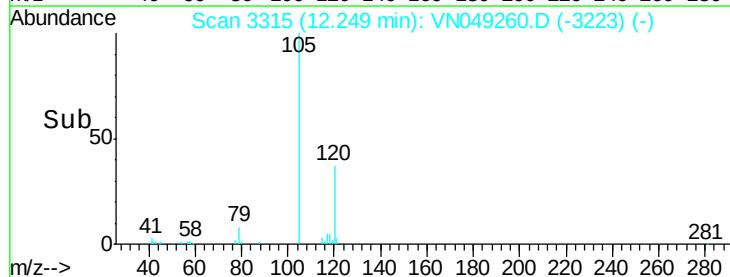
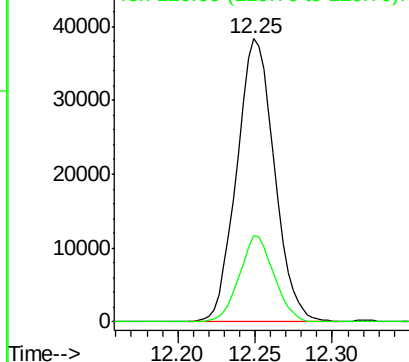
Lab File: VN049260.D

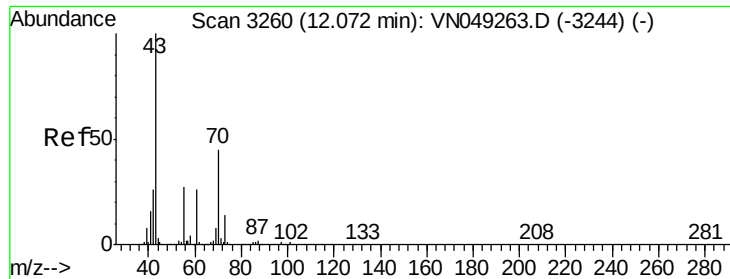
Acq: 15 Jun 2018 14:01

Tgt Ion:	105	Resp:	64987
Ion	Ratio	Lower	Upper
105	100		
120	27.8	12.8	38.3



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





#74

N-amvl acetate

Concen: 0.91 ug/l

RT: 12.08 min Scan# 3262

Delta R.T. 0.01 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

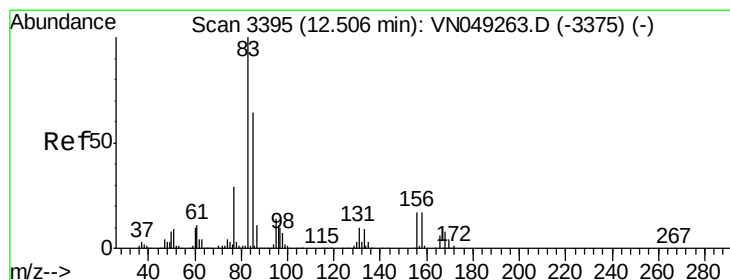
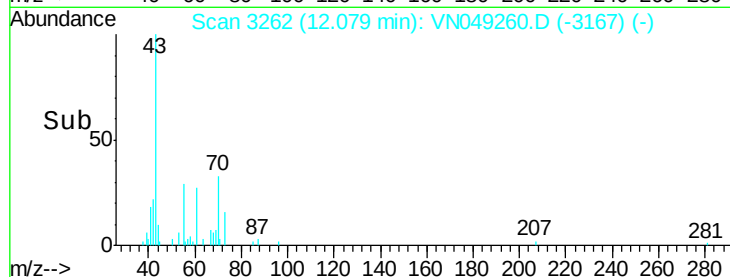
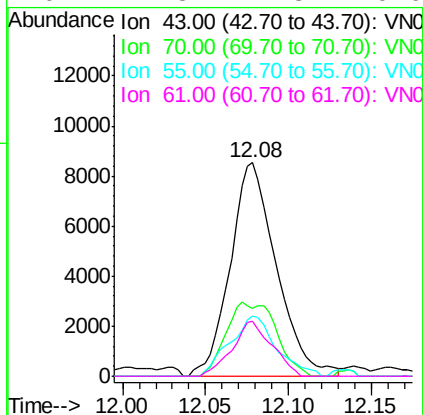
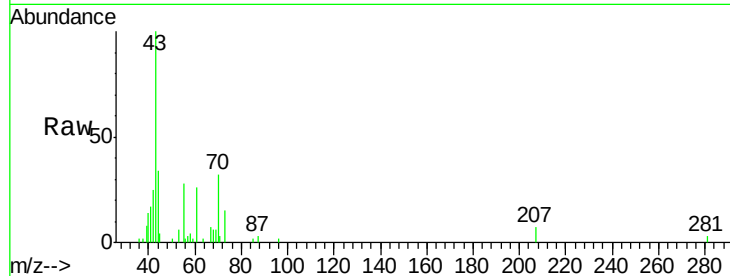
ClientSampleId :

VSTDIC001

Tot Ion	43	Resp	16537
Ion	Ratio	Lower	Upper
43	100		
70	37.4	30.3	45.5
55	28.3	19.4	29.2
61	22.3	17.8	26.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.26 ug/l

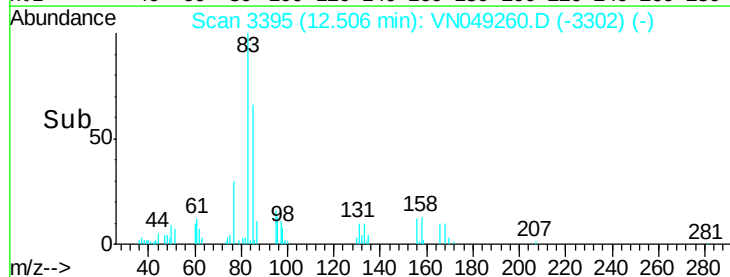
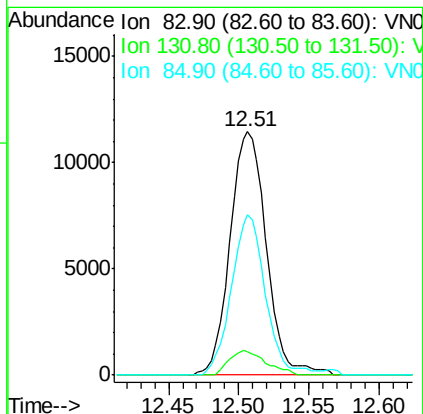
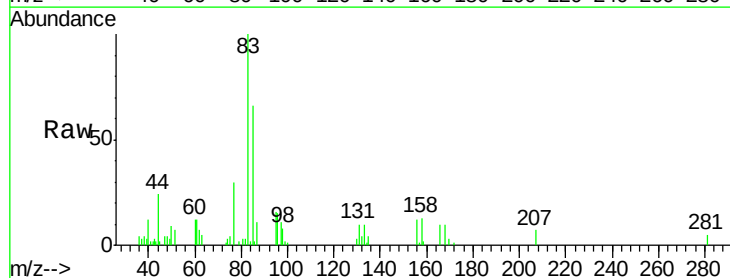
RT: 12.51 min Scan# 3395

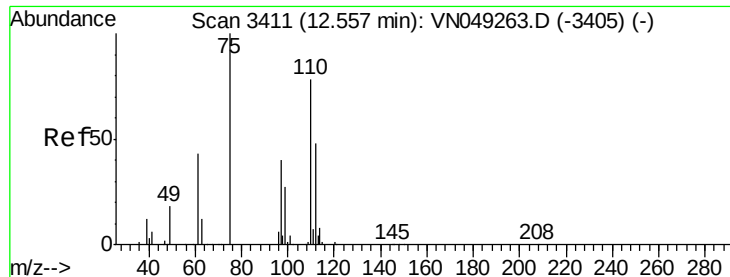
Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Tgt Ion	83	Resp	20617
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	15.0
85	61.8	32.0	96.0





#76

1,2,3-Trichloropropane

Concen: 1.05 ug/l m

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 75 Resp: 13616

Ion Ratio Lower Upper

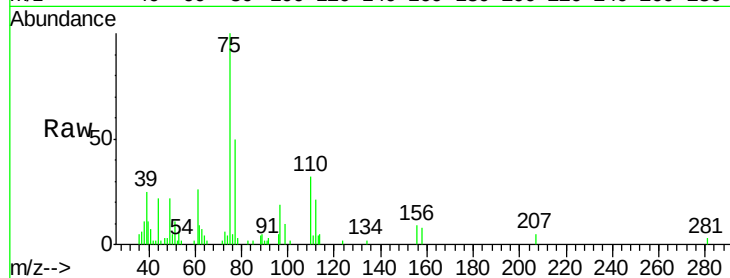
75 100

77 0.0 0.0 0.0

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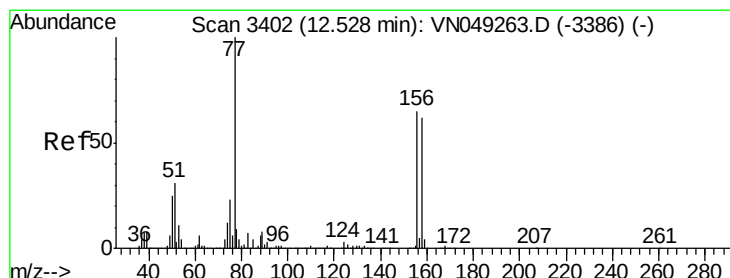
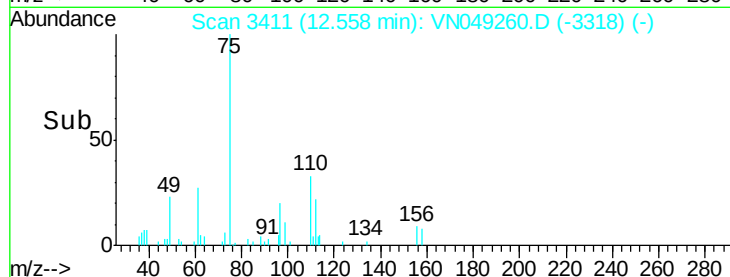
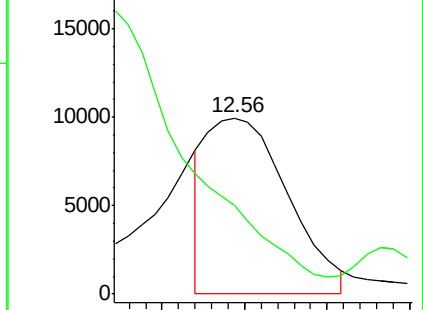
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Abundance Ion 74.90 (74.60 to 75.60): VN049260.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049260.D (-3318) (-)



#77

Bromobenzene

Concen: 1.27 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

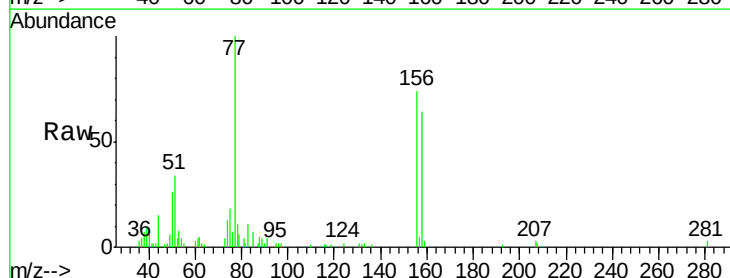
Tgt Ion: 156 Resp: 19985

Ion Ratio Lower Upper

156 100

77 178.5 100.8 302.4

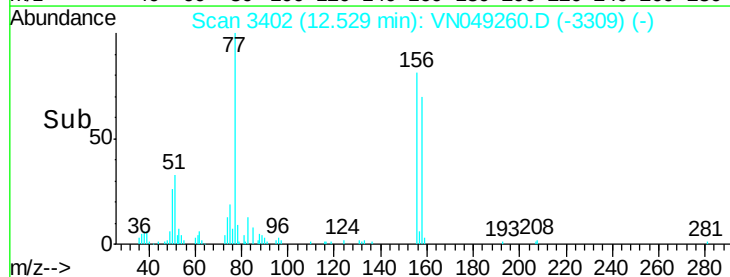
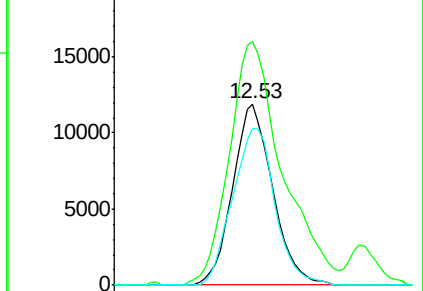
158 91.7 49.3 147.9

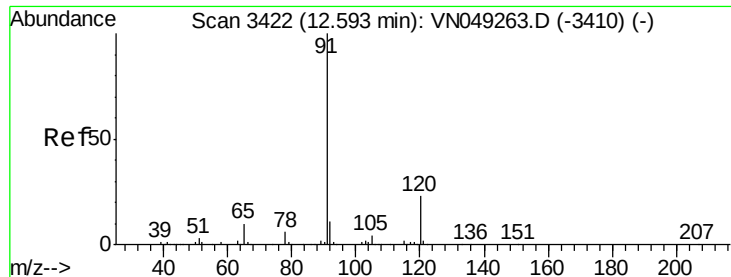


Abundance Ion 155.80 (155.50 to 156.50): VN049260.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN049260.D (-3309) (-)

Ion 157.80 (157.50 to 158.50): VN049260.D (-3309) (-)





#78

n-propylbenzene

Concen: 0.95 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 67615

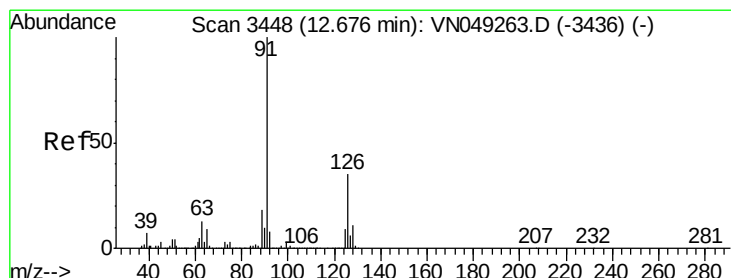
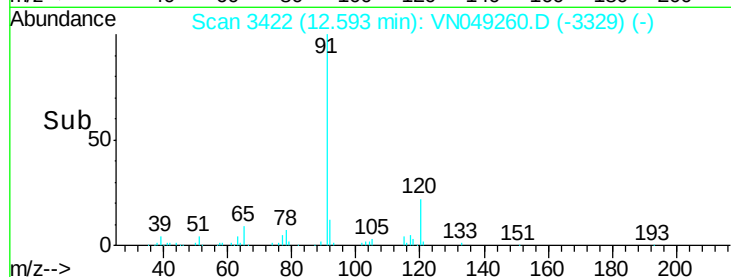
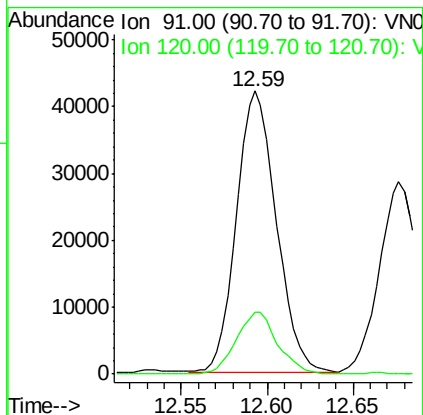
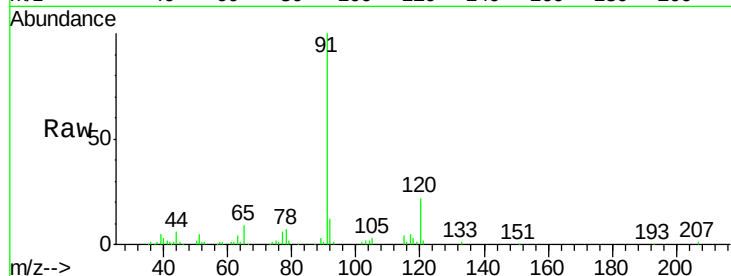
Ion Ratio Lower Upper

91 100

120 22.8 11.2 33.5

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#79

2-Chlorotoluene

Concen: 1.04 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049260.D

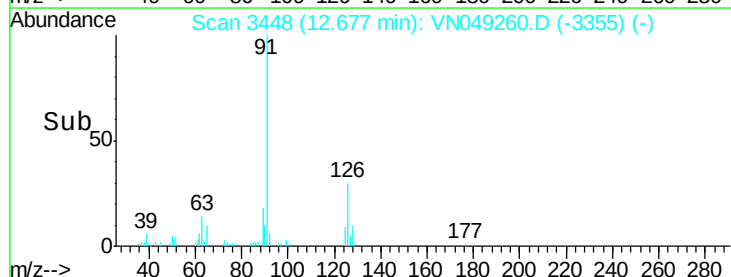
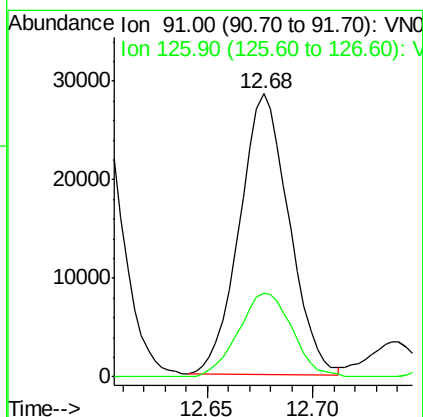
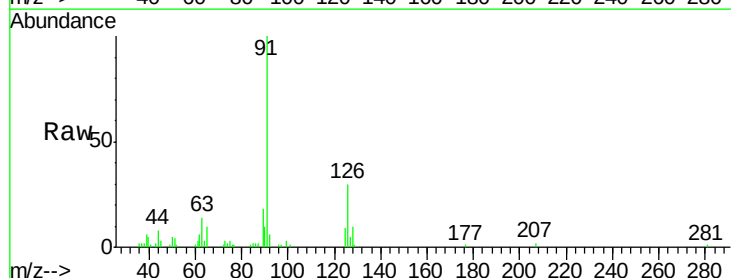
Acq: 15 Jun 2018 14:01

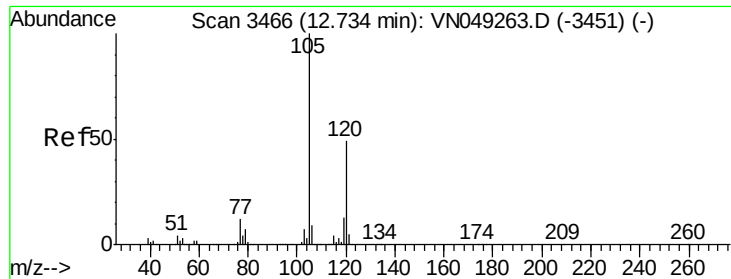
Tgt Ion: 91 Resp: 46398

Ion Ratio Lower Upper

91 100

126 32.5 16.6 49.8





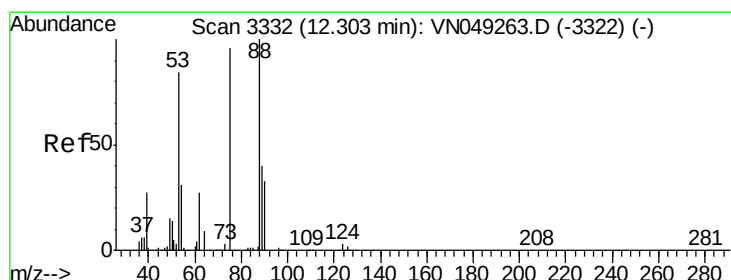
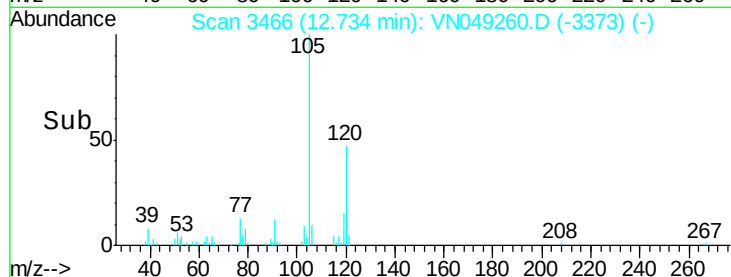
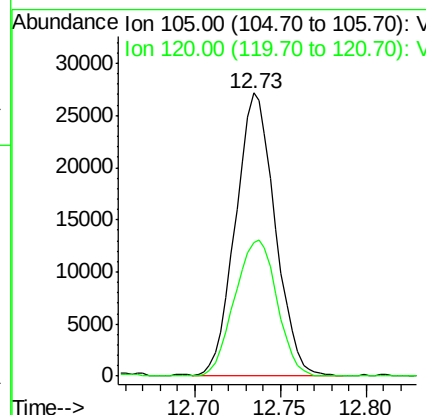
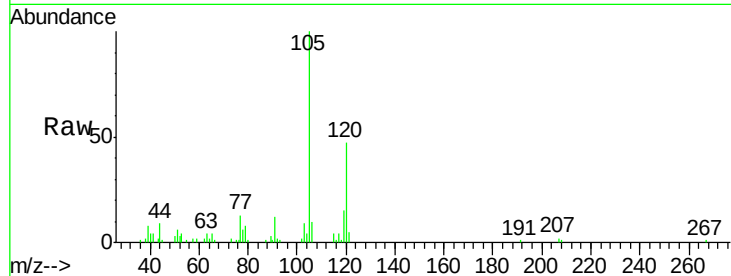
#80
 1,3,5-Trimethylbenzene
 Concen: 0.88 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	51.1	23.5	70.5

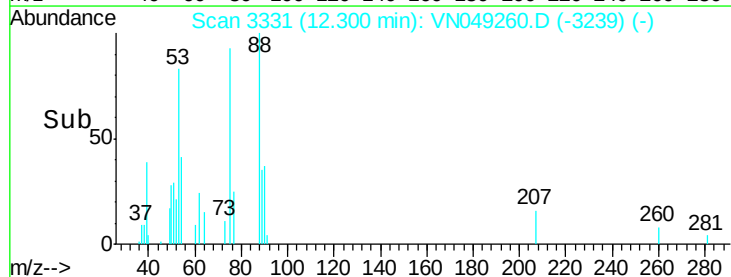
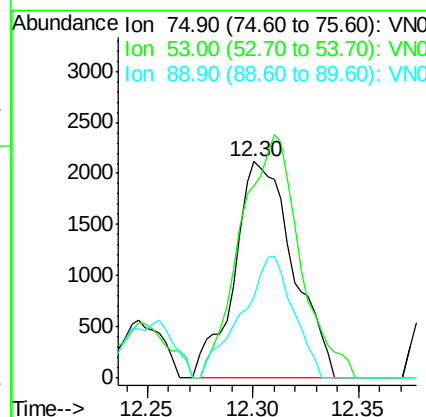
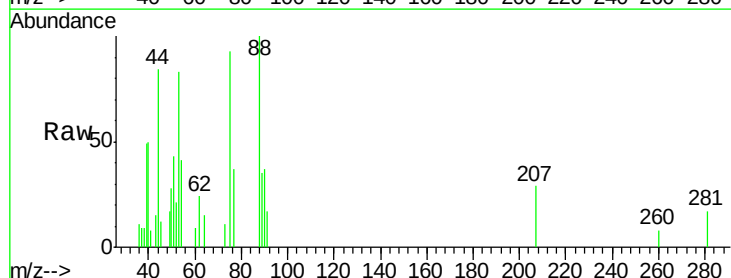
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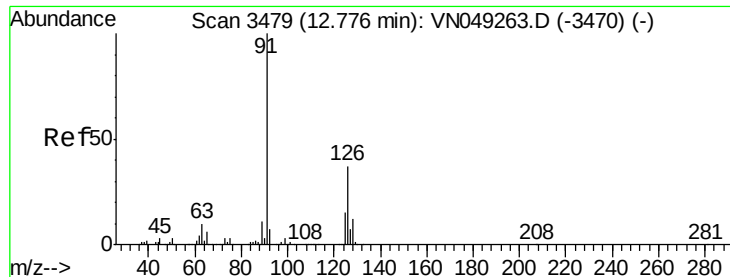
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.03 ug/l
 RT: 12.30 min Scan# 3331
 Delta R.T. -0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	112.7	82.7	124.1
89	49.9	36.5	54.7





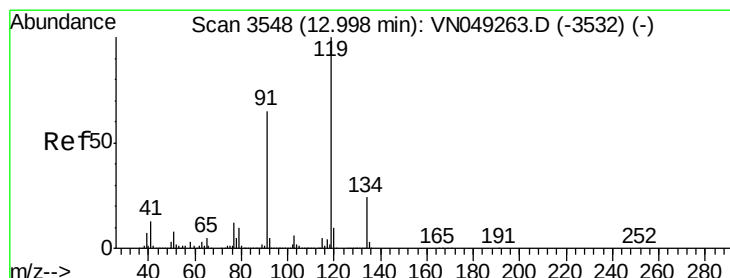
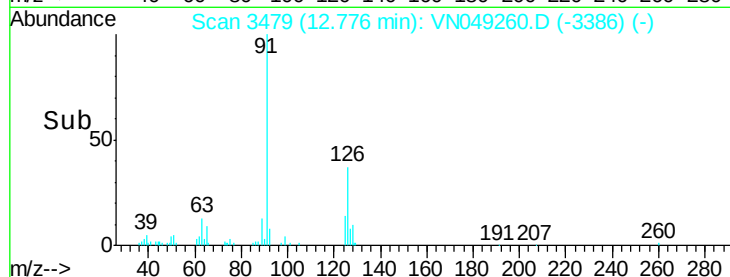
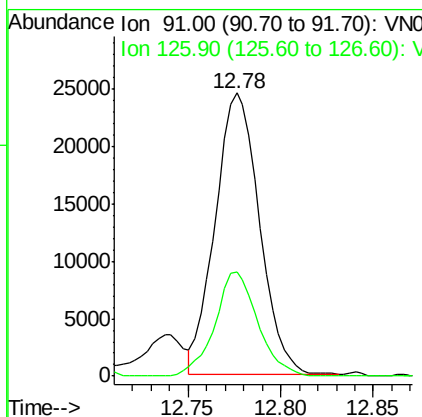
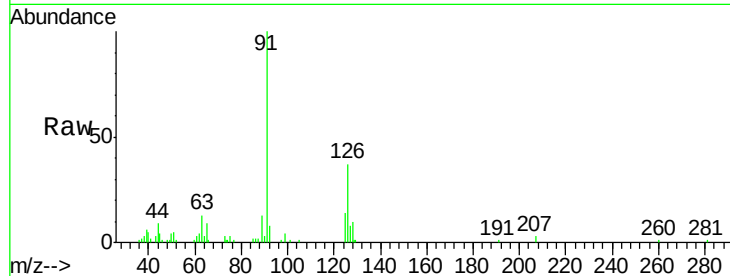
#82
4-Chlorotoluene
Concen: 0.95 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.9	16.4	49.1

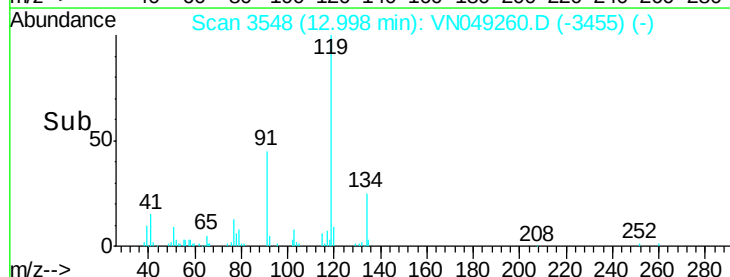
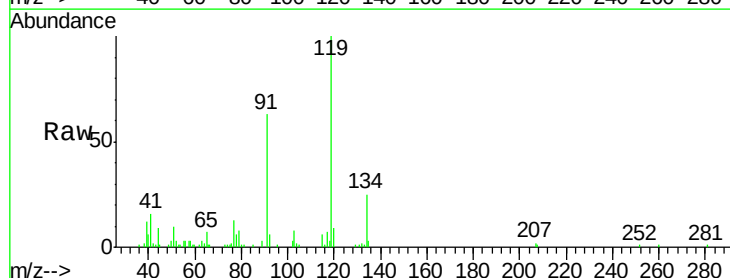
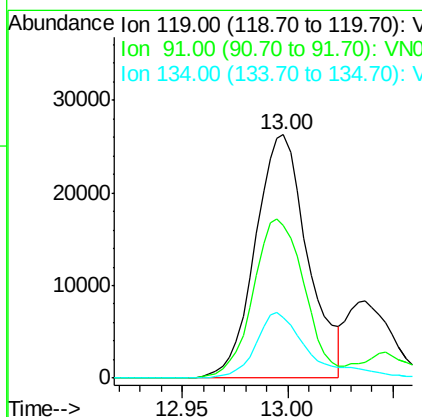
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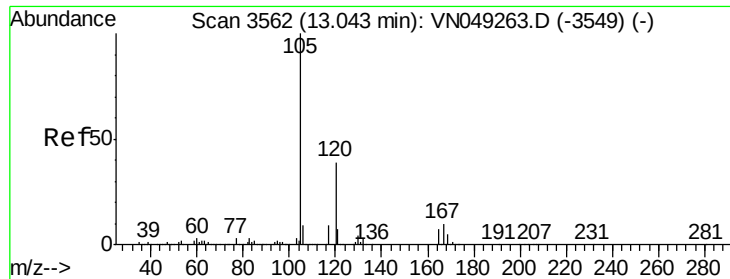
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#83
tert-Butylbenzene
Concen: 1.08 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.5	33.7	101.0
134	27.6	12.9	38.6





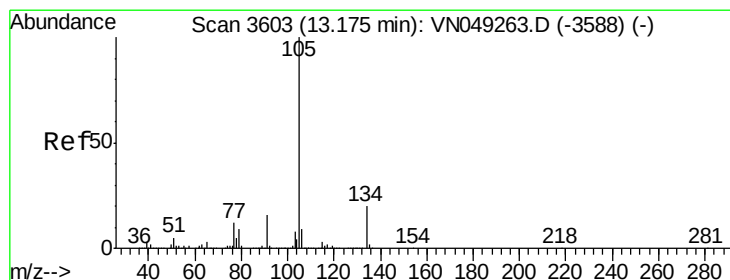
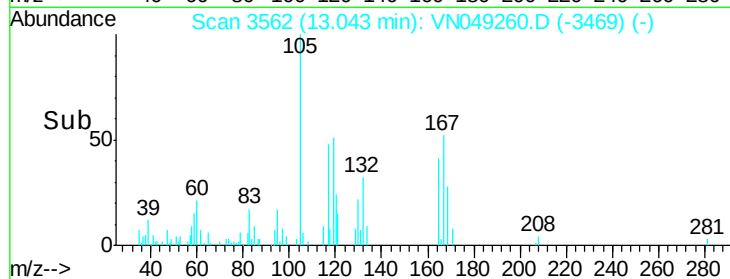
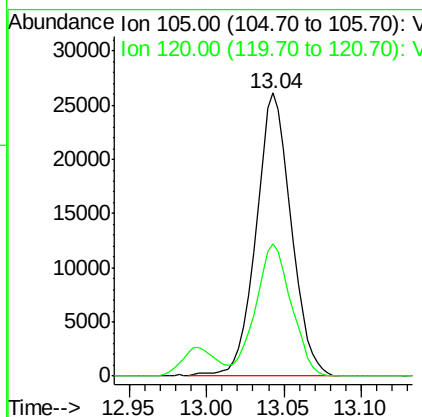
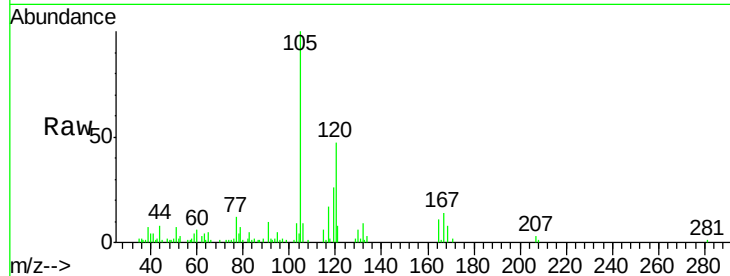
#84
 1,2,4-Trimethylbenzene
 Concen: 0.85 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.8	22.2	66.6

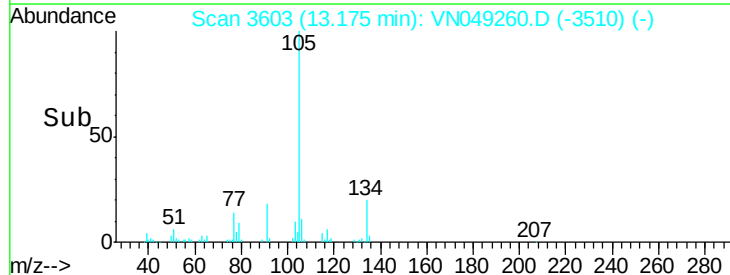
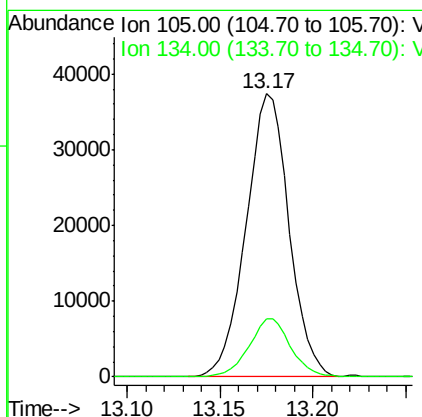
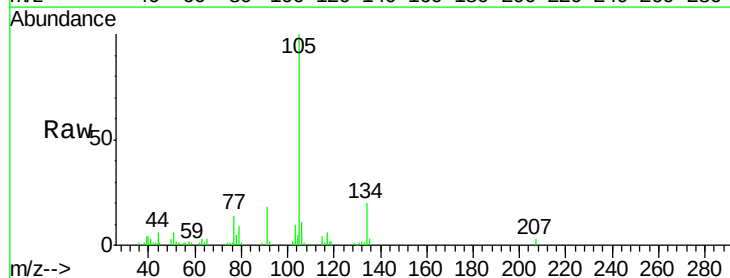
Manual Integrations
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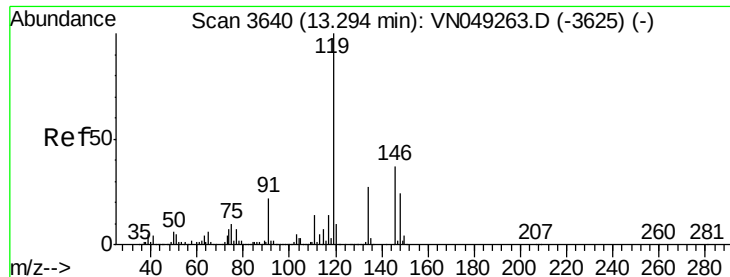
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#85
 sec-Butylbenzene
 Concen: 1.07 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.3





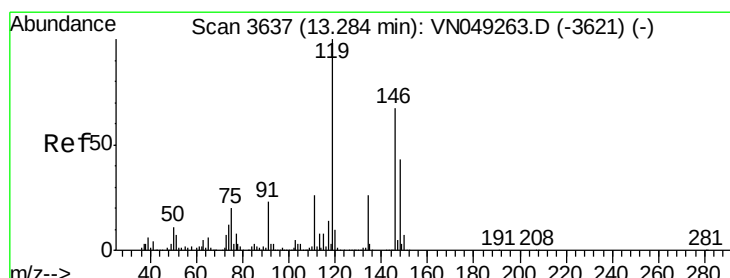
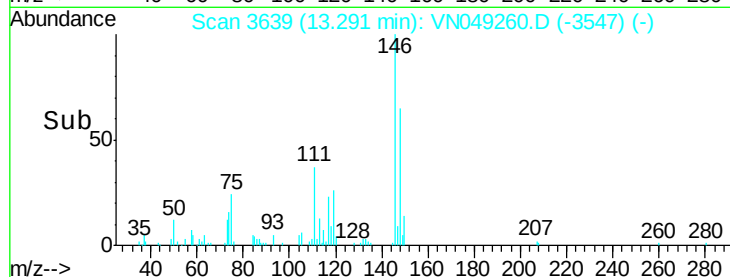
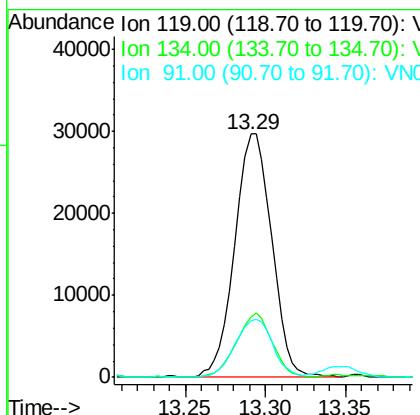
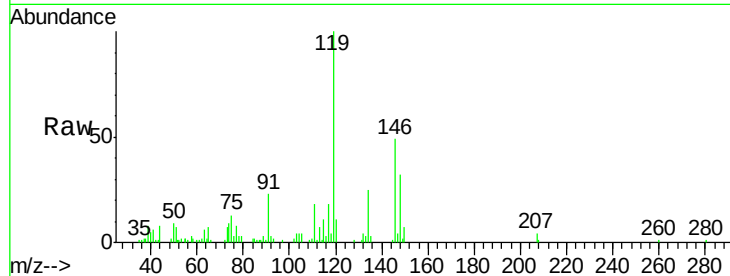
#86
 p-Isopropyltoluene
 Concen: 1.03 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.9	38.6
91	24.2	12.1	36.3

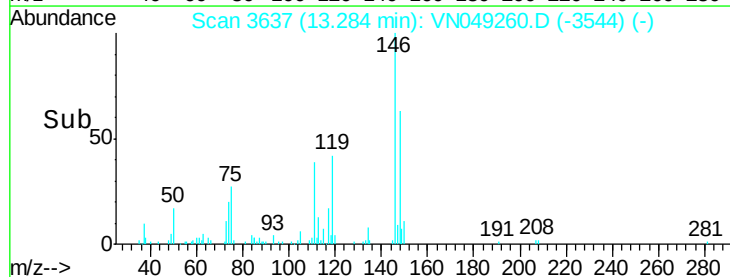
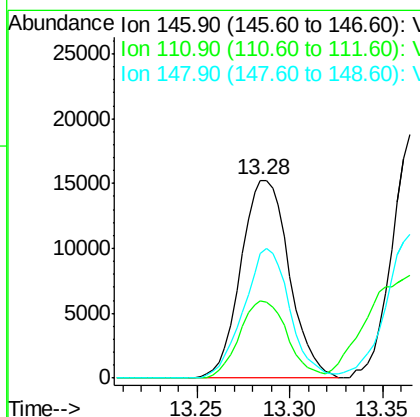
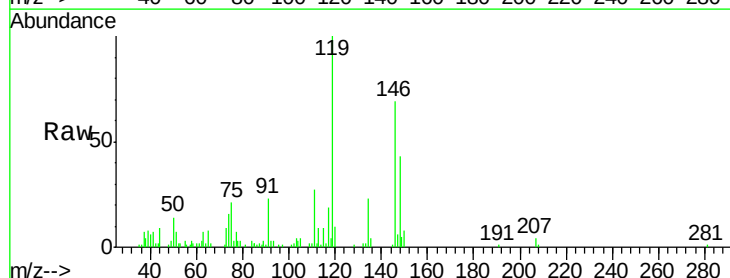
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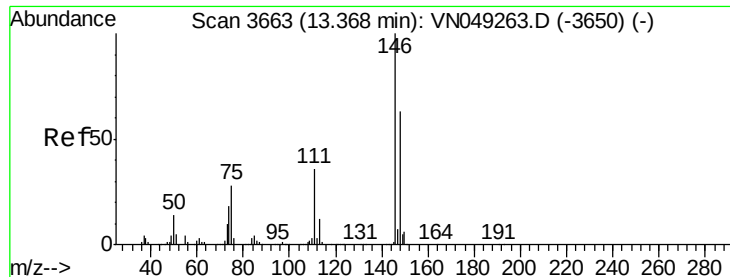
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#87
 1,3-Dichlorobenzene
 Concen: 1.11 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.9	59.6
148	62.9	32.1	96.5





#88

1,4-Dichlorobenzene

Concen: 1.24 ug/l m

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

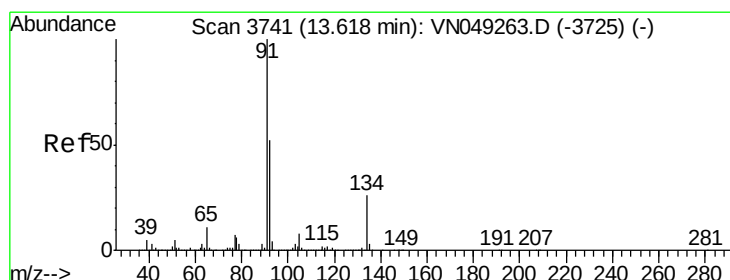
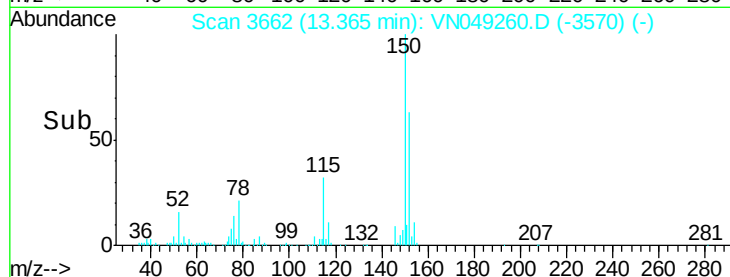
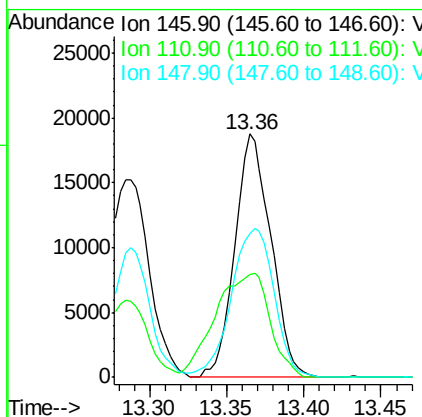
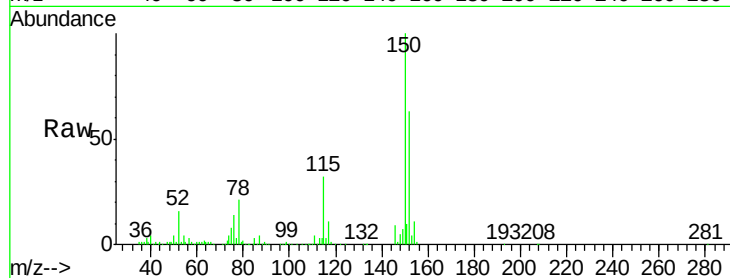
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	30562
Ion	Ratio	Lower	Upper
146	100		
111	35.1	19.1	57.1
148	57.0	32.0	96.2

Manual Integrations
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#89

n-Butylbenzene

Concen: 1.05 ug/l

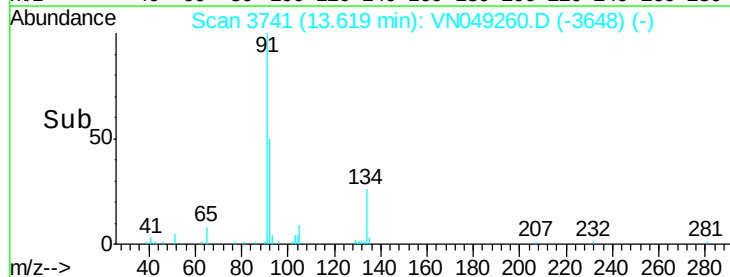
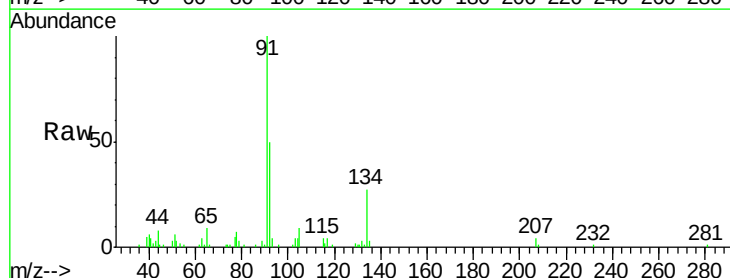
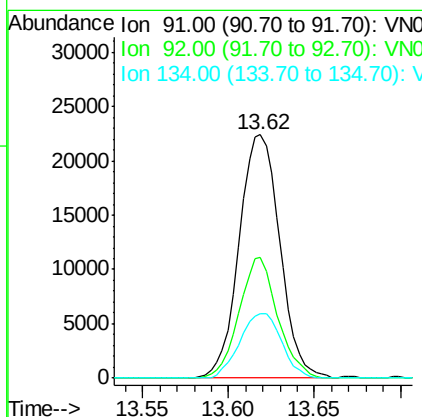
RT: 13.62 min Scan# 3741

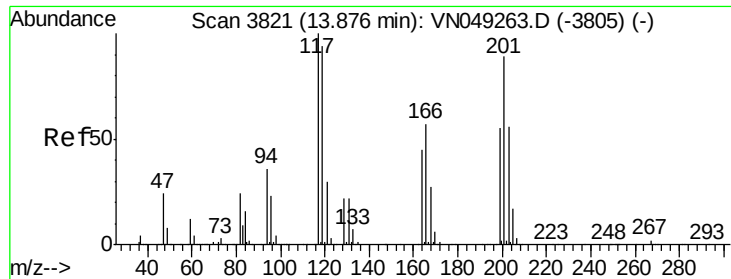
Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Tgt Ion:	91	Resp:	36927
Ion	Ratio	Lower	Upper
91	100		
92	46.9	25.1	75.4
134	27.0	12.0	36.0





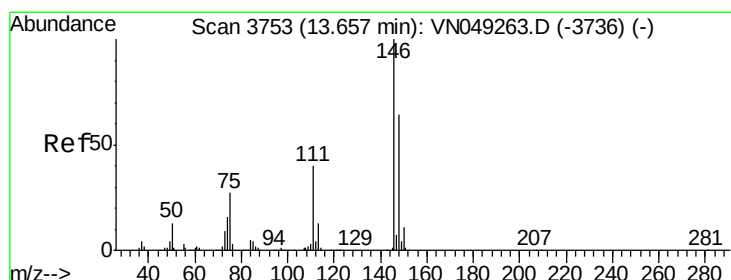
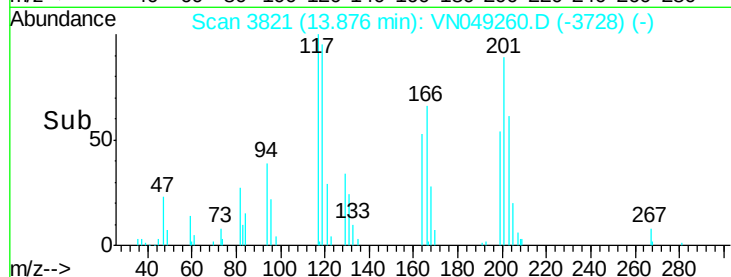
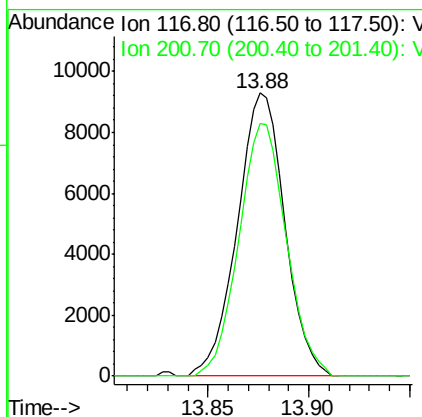
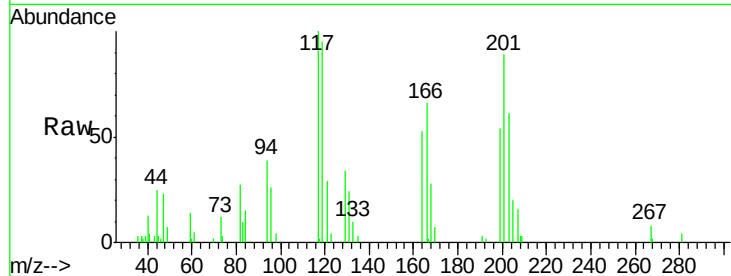
#90
Hexachloroethane
Concen: 1.43 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 15324
Ion Ratio Lower Upper
117 100
201 88.9 40.1 120.2

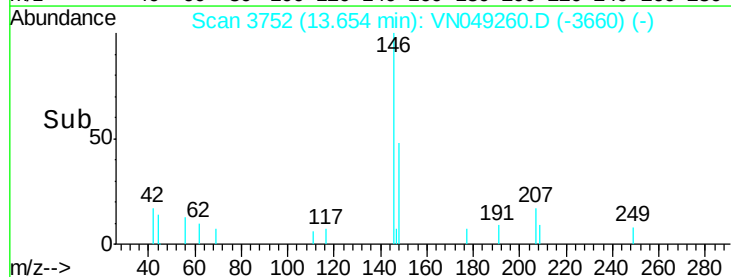
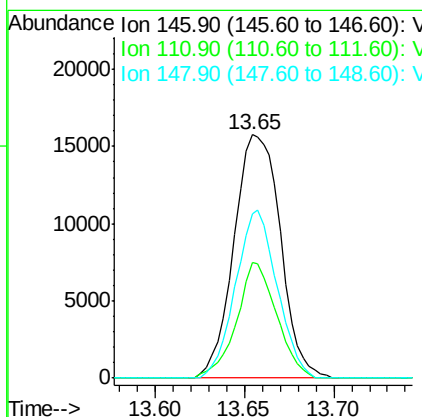
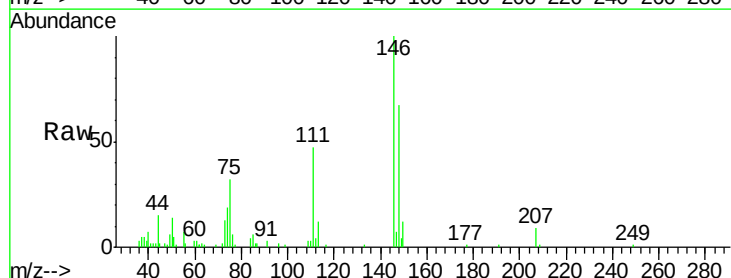
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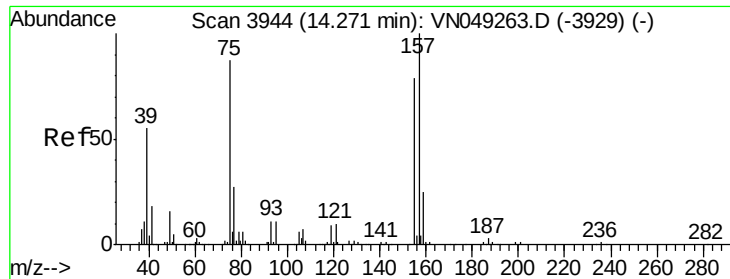
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#91
1,2-Dichlorobenzene
Concen: 1.17 ug/l
RT: 13.65 min Scan# 3752
Delta R.T. -0.00 min
Lab File: VN049260.D
Acq: 15 Jun 2018 14:01

Tgt Ion:146 Resp: 28768
Ion Ratio Lower Upper
146 100
111 40.9 20.8 62.2
148 61.4 32.0 96.2





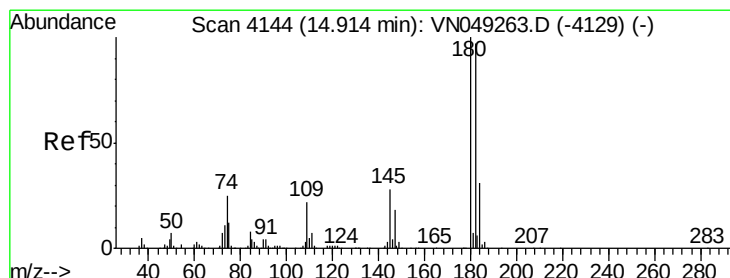
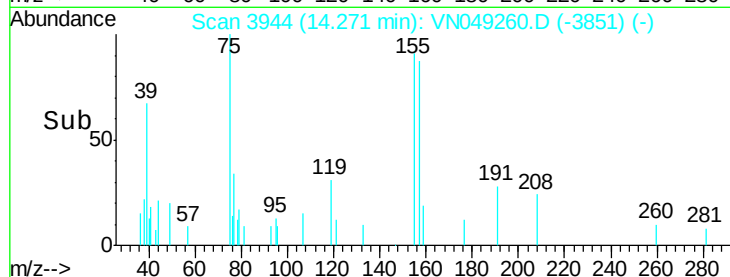
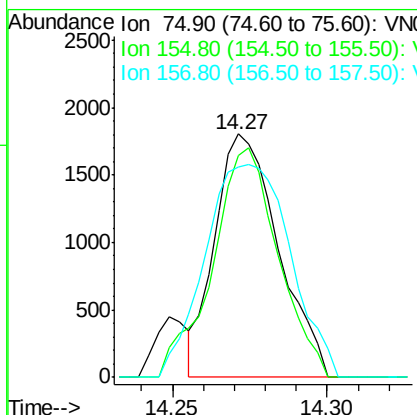
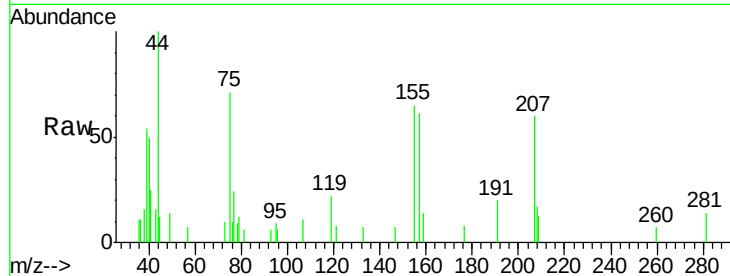
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.16 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	97.3	38.8	116.3
157	117.2	51.0	153.1

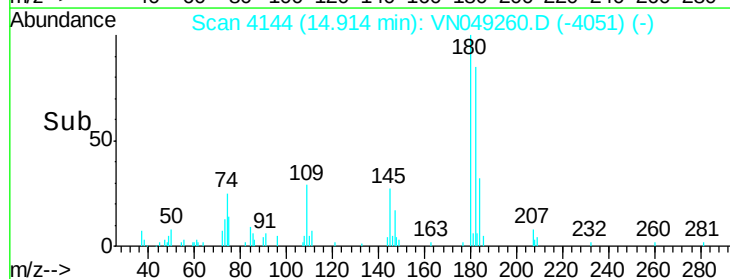
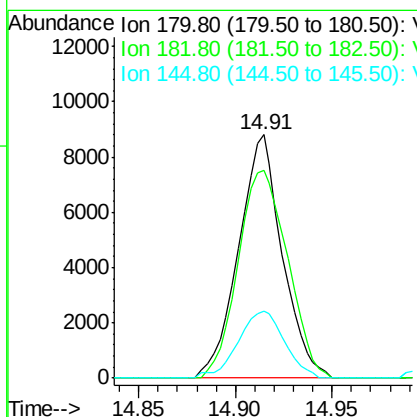
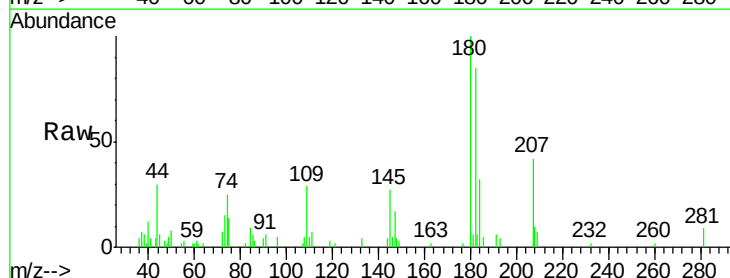
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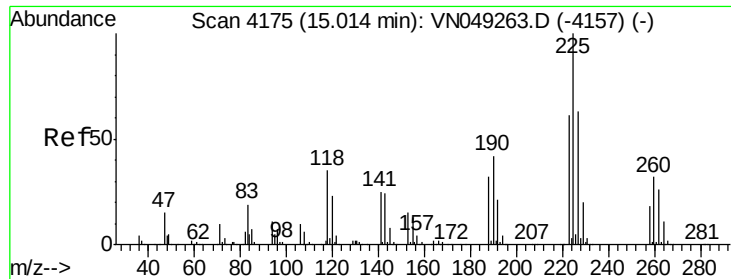
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#93
 1,2,4-Trichlorobenzene
 Concen: 1.53 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.9	140.8
145	29.3	14.7	44.1





#94

Hexachlorobutadiene

Concen: 3.60 ug/l

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Instrument :

MSVOA_N

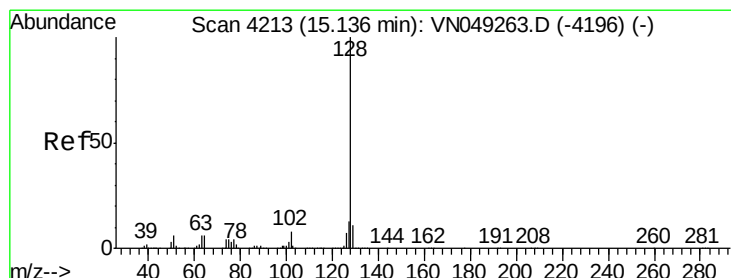
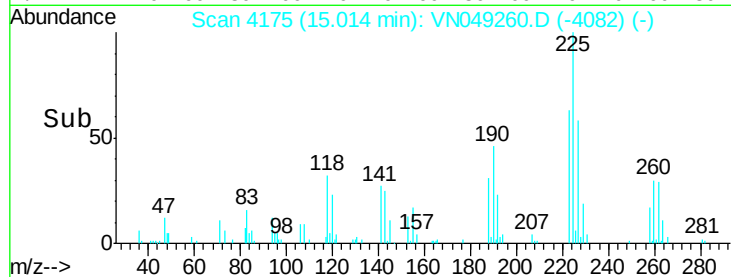
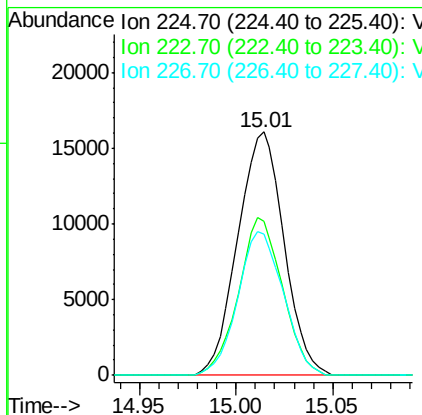
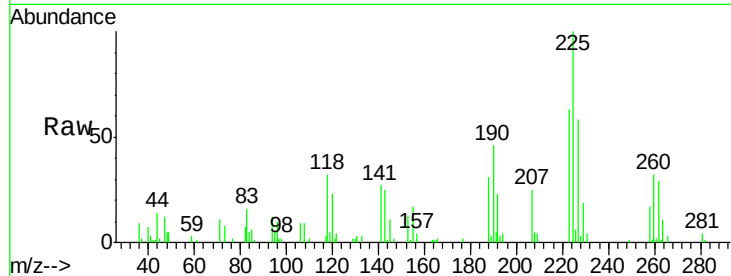
ClientSampleId :

VSTDIC001

Tot Ion:	225	Resp:	26808
Ion Ratio		Lower	Upper
225	100		
223	61.4	32.1	96.3
227	58.1	31.8	95.3

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#95

Naphthalene

Concen: 1.32 ug/l

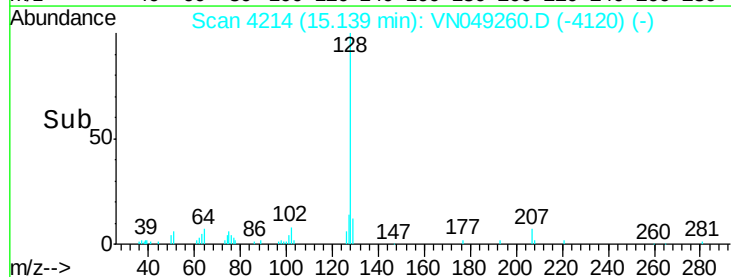
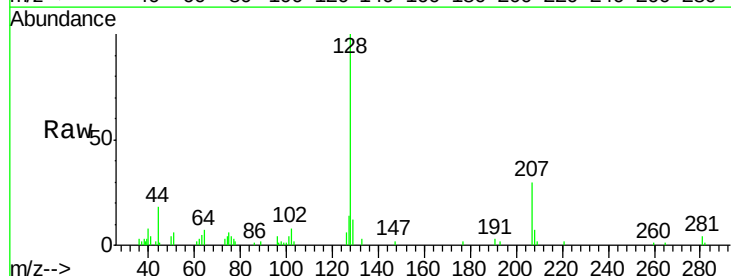
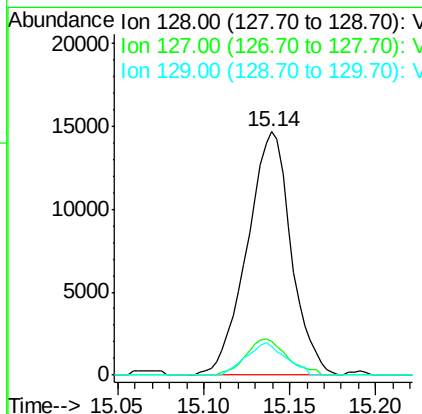
RT: 15.14 min Scan# 4214

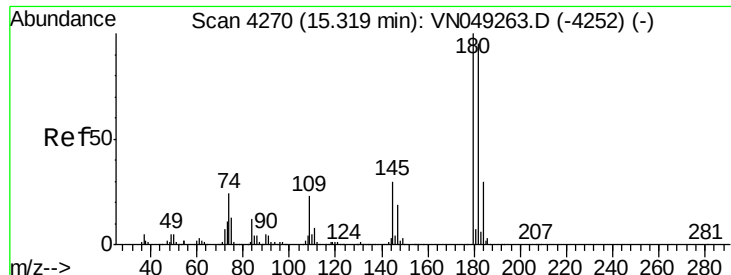
Delta R.T. 0.00 min

Lab File: VN049260.D

Acq: 15 Jun 2018 14:01

Tgt Ion:	128	Resp:	25985
Ion Ratio		Lower	Upper
128	100		
127	14.0	10.6	16.0
129	11.8	8.5	12.7





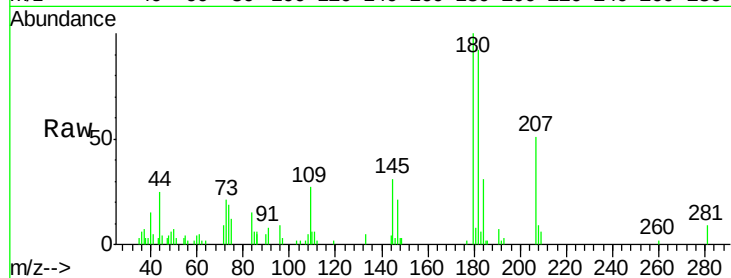
#96
 1,2,3-Trichlorobenzene
 Concen: 1.66 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049260.D
 Acq: 15 Jun 2018 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.3	141.8
145	29.9	15.6	46.7

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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

