

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112618\
 Data File : VN052456.D
 Acq On : 26 Nov 2018 13:20
 Operator : MD\SY
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 3:52:10 PM

Quant Time: Nov 27 00:42:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:15:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	172229	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1000035	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	874149	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	352883	30.07	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.23%
60) 4-Bromofluorobenzene	12.40	95	399868	29.90	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.67%
63) Toluene-d8	10.09	98	1230565	30.36	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	202577	20.65	ug/l	100
3) Chloromethane	2.06	50	261742	20.12	ug/l	100
4) Vinyl Chloride	2.19	62	263818	20.09	ug/l	100
5) Bromomethane	2.58	94	148229	19.80	ug/l	100
6) Chloroethane	2.71	64	158533	20.30	ug/l	100
7) Trichlorofluoromethane	3.02	101	323702	19.98	ug/l	100
8) Diethyl Ether	3.41	74	116577	19.48	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	212328	20.67	ug/l	100
10) 1,1-Dichloroethene	3.74	96	191895	19.87	ug/l	100
11) Methyl Iodide	3.96	142	258663	19.29	ug/l	100
12) Methyl Acetate	4.33	43	165356	20.15	ug/l	100
13) Acrolein	3.61	56	89242	92.58	ug/l	100
14) Acrylonitrile	4.99	53	359199	102.73	ug/l	100
15) Acetone	3.82	58	98535	108.82	ug/l	100
16) Carbon Disulfide	4.06	76	607954	19.88	ug/l	100
17) Allyl chloride	4.33	41	339449	20.15	ug/l	100
18) Methylene Chloride	4.55	84	222270	19.88	ug/l	100
19) trans-1,2-Dichloroethene	5.05	96	205729	19.79	ug/l	100
20) Diisopropyl ether	5.95	45	712977	20.14	ug/l	100
21) 1,1-Dichloroethane	5.85	63	401438	19.90	ug/l	100
22) cis-1,2-Dichloroethene	6.83	96	239058	20.07	ug/l	100
23) tert-Butyl Alcohol	4.78	59	53376	102.62	ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	507166	20.02	ug/l	100
25) Chloroform	7.37	83	389159	19.99	ug/l	100
26) Cyclohexane	7.65	56	383362	20.15	ug/l	100
29) 1,1-Dichloropropene	7.79	75	305518	20.01	ug/l	100
30) 2-Butanone	6.84	43	418889	102.51	ug/l	100
31) 2,2-Dichloropropane	6.83	77	274780	19.54	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	313353	19.72	ug/l	100
33) Carbon Tetrachloride	7.77	117	275465	19.81	ug/l	100
34) Benzene	8.04	78	920024	20.04	ug/l	100
35) Methacrylonitrile	7.17	41	102483	14.53	ug/l	100
36) 1,2-Dichloroethane	8.12	62	277346	19.93	ug/l	100
37) Trichloroethene	8.84	130	230525	19.80	ug/l	100
38) Methylcyclohexane	9.08	83	383258	20.27	ug/l	100
39) 1,2-Dichloropropane	9.12	63	245069	19.91	ug/l	100
40) Dibromomethane	9.21	93	132859	19.98	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	288403	19.63	ug/l	100
42) Vinyl Acetate	5.90	43	2180413	98.62	ug/l	100
43) Ethyl Acetate	6.93	43	179326	9.86	ug/l #	73
44) Isopropyl Acetate	8.16	43	298442	19.58	ug/l	100
45) 1,4-Dioxane	9.20	88	34152	409.65	ug/l	100
46) Methyl methacrylate	9.20	41	155582	19.66	ug/l	100
47) n-amyl Acetate	12.07	43	238123	18.85	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	269135	18.89	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	339039	19.53	ug/l	100
50) 1,1,2-Trichloroethane	10.56	97	191943	20.36	ug/l	100
51) Ethyl methacrylate	10.43	69	227194	19.19	ug/l	100
52) 1,3-Dichloropropane	10.71	76	337016	20.08	ug/l	100
53) Dibromochloromethane	10.90	129	205862	19.83	ug/l	100
54) 1,2-Dibromoethane	11.01	107	182486	19.81	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	700257	101.03	ug/l	100
56) Bromoform	12.13	173	131980	19.45	ug/l	100
58) 4-Methyl-2-Pentanone	9.99	43	875252	103.28	ug/l	100
59) 2-Hexanone	10.75	43	601610	103.92	ug/l	100
61) Tetrachloroethene	10.63	164	221218	20.55	ug/l	100
62) Toluene	10.16	91	976075	20.26	ug/l	100
64) Chlorobenzene	11.44	112	587610	19.98	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	201288	19.72	ug/l	100
66) Ethyl Benzene	11.51	91	1041645	20.06	ug/l	100
67) m/p-Xylenes	11.62	106	784477	40.54	ug/l	100
68) o-Xylene	11.95	106	376998	20.07	ug/l	100
69) Styrene	11.97	104	608624	20.08	ug/l	100
70) Isopropylbenzene	12.25	105	1006467	20.14	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	222989	20.51	ug/l	100
72) 1,2,3-Trichloropropane	12.56	75	178263m	19.64	ug/l	
73) Bromobenzene	12.53	156	239800	19.84	ug/l	100
74) n-propylbenzene	12.59	91	1181733	20.30	ug/l	100
75) 2-Chlorotoluene	12.68	91	685561	20.29	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	821831	20.36	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	55777	18.92	ug/l	100
78) 4-Chlorotoluene	12.78	91	679943	20.15	ug/l	100
79) tert-butylbenzene	12.99	119	715863	20.37	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	827858	20.50	ug/l	100
81) sec-Butylbenzene	13.17	105	993926	20.30	ug/l	100
82) p-Isopropyltoluene	13.29	119	839978	20.15	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	424097	19.95	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	409391	19.94	ug/l	100
85) n-Butylbenzene	13.62	91	717772	20.04	ug/l	100
86) Hexachloroethane	13.88	117	139575	19.76	ug/l	100
87) 1,2-Dichlorobenzene	13.65	146	410102	20.28	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	29882	19.63	ug/l	100
89) 1,2,4-Trichlorobenzene	14.91	180	192201	19.29	ug/l	100
90) Hexachlorobutadiene	15.01	225	140006	21.42	ug/l	100
91) Naphthalene	15.14	128	387928	19.28	ug/l	100
92) 1,2,3-Trichlorobenzene	15.32	180	179755	19.57	ug/l	100

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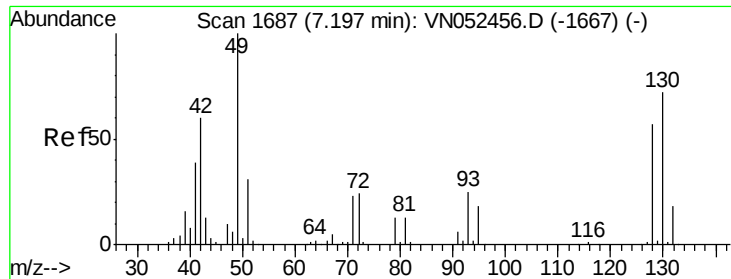
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

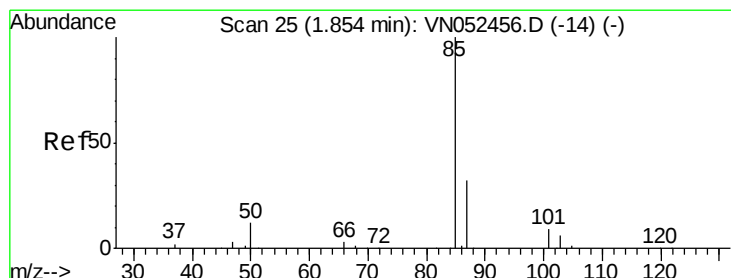
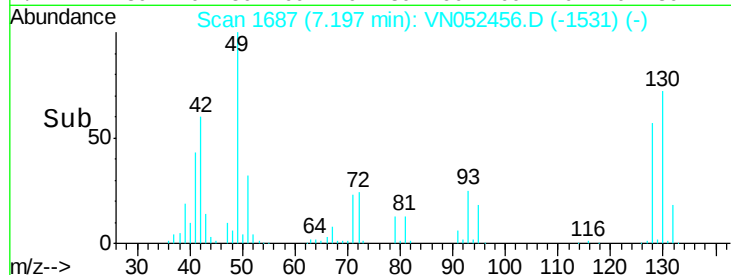
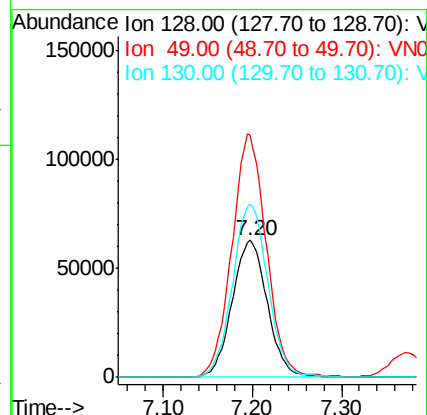
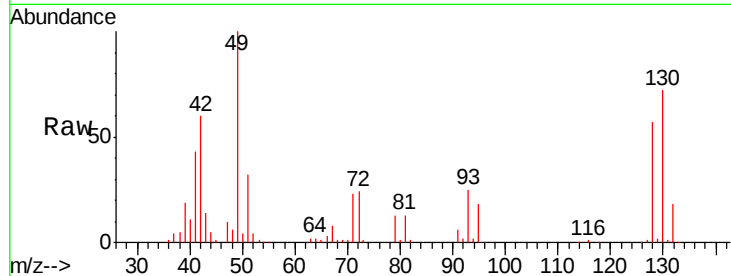
ClientSampled :

VSTDICCC020

Tgt Ion:	128	Resp:	172229
Ion	Ratio	Lower	Upper
128	100		
49	172.7	0.0	431.8
130	126.8	0.0	317.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 20.65 ug/l

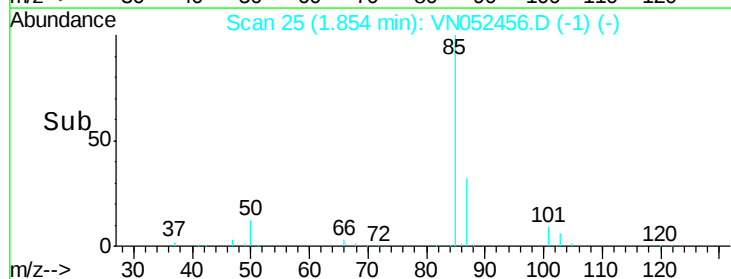
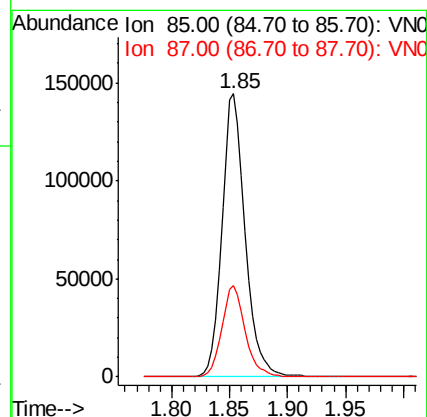
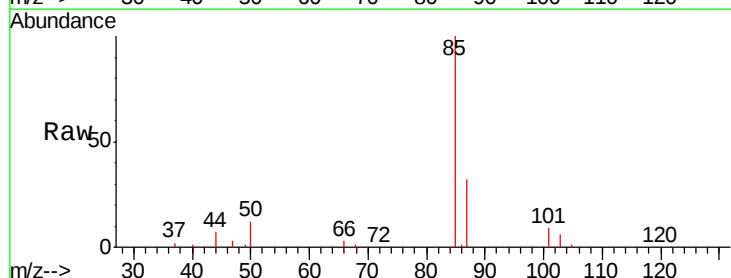
RT: 1.85 min Scan# 25

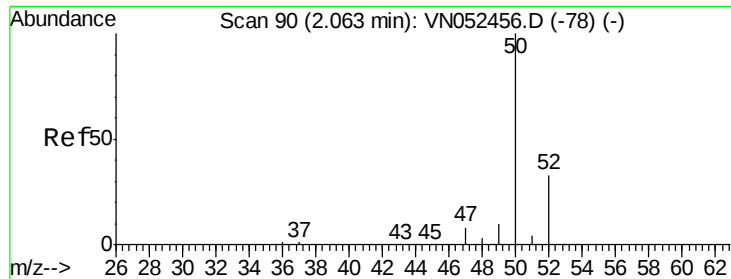
Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Tgt Ion:	85	Resp:	202577
Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.1	48.3





#3

Chloromethane

Concen: 20.12 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 50 Resp: 261742

Ion Ratio Lower Upper

50 100

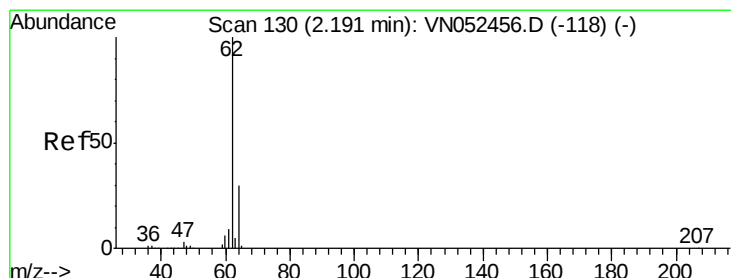
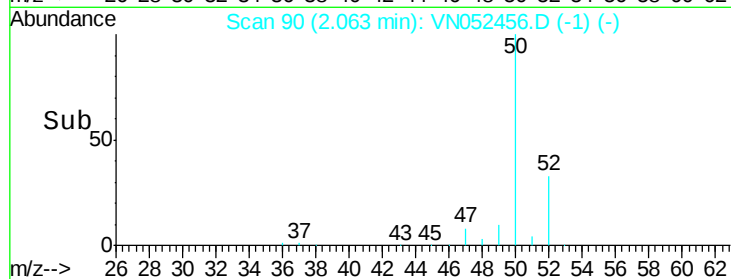
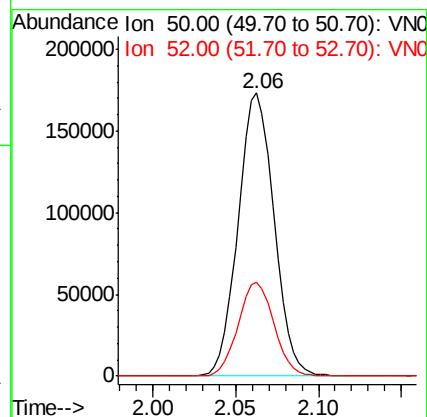
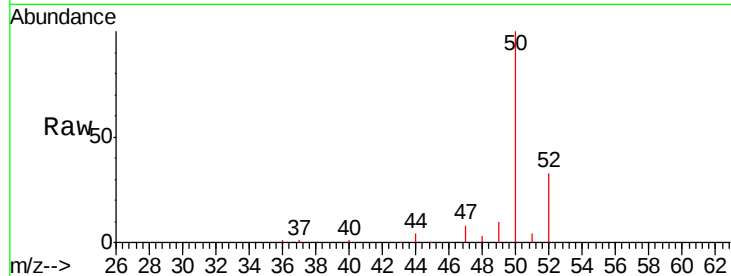
52 33.1 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.09 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052456.D

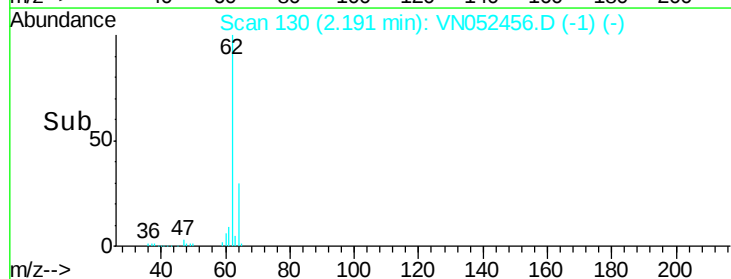
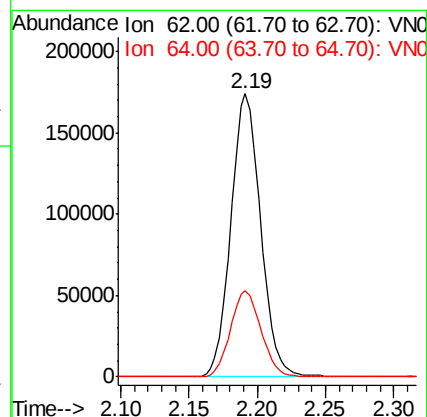
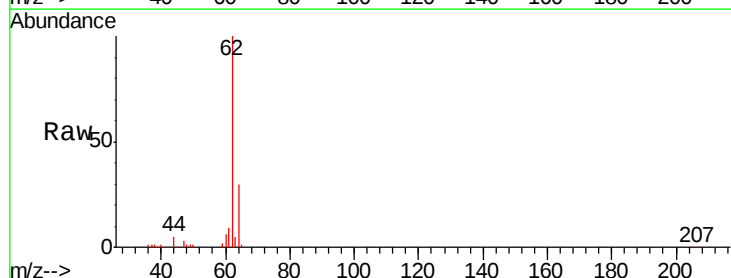
Acq: 26 Nov 2018 13:20

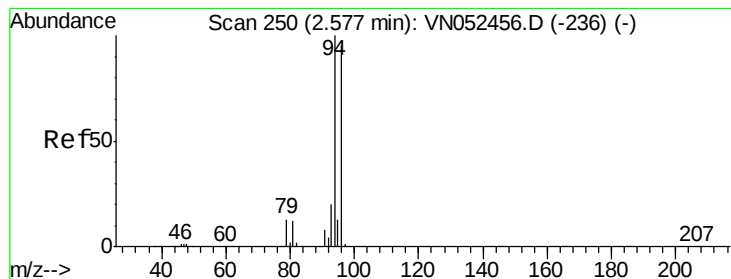
Tgt Ion: 62 Resp: 263818

Ion Ratio Lower Upper

62 100

64 30.3 24.2 36.4





#5

Bromomethane

Concen: 19.80 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 94 Resp: 148229

Ion Ratio Lower Upper

94 100

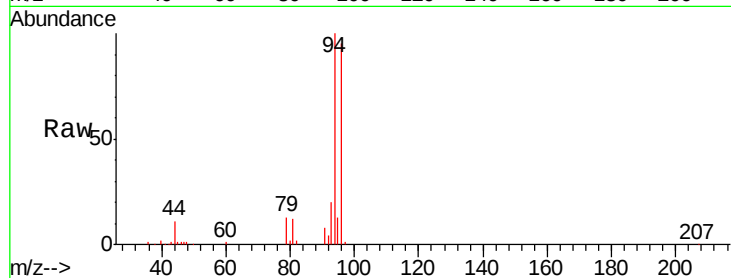
96 95.2 76.2 114.2

Manual Integrations

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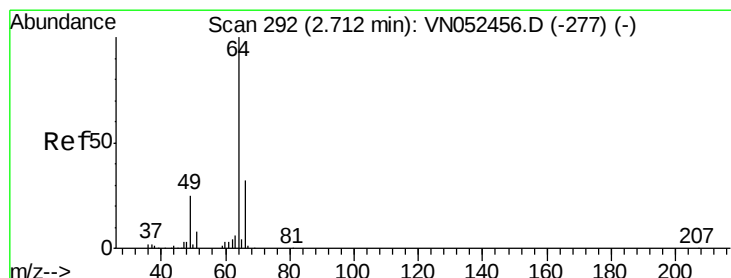
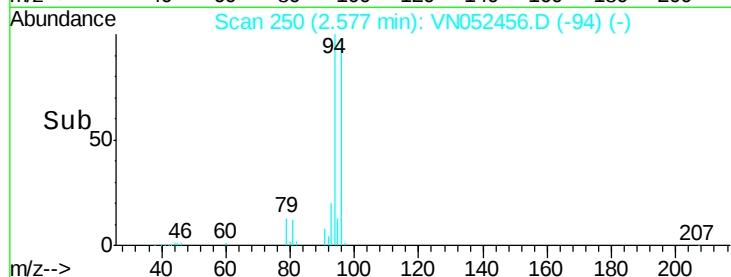
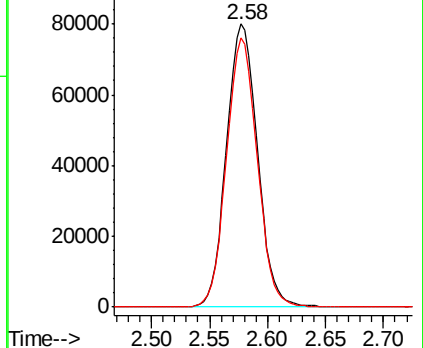
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 20.30 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052456.D

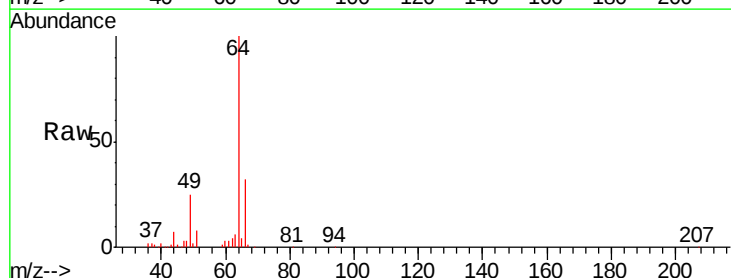
Acq: 26 Nov 2018 13:20

Tgt Ion: 64 Resp: 158533

Ion Ratio Lower Upper

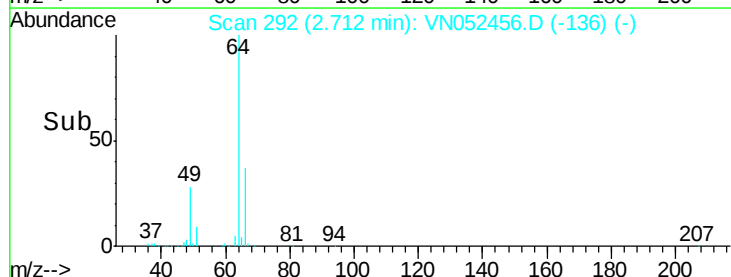
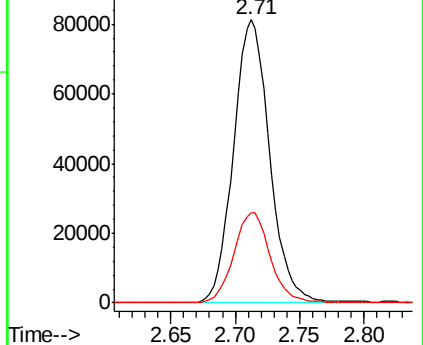
64 100

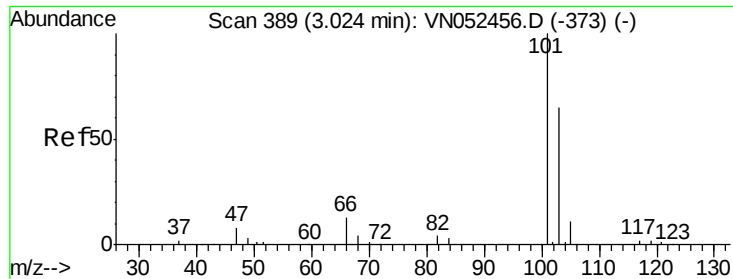
66 32.0 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

Trichlorofluoromethane

Concen: 19.98 ug/l

RT: 3.02 min Scan# 389

Delta R.T. 0.00 min

Lab File: VN052456.D

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VSTDICCC020

Tgt Ion: 101 Resp: 323702

Ion Ratio Lower Upper

101 100

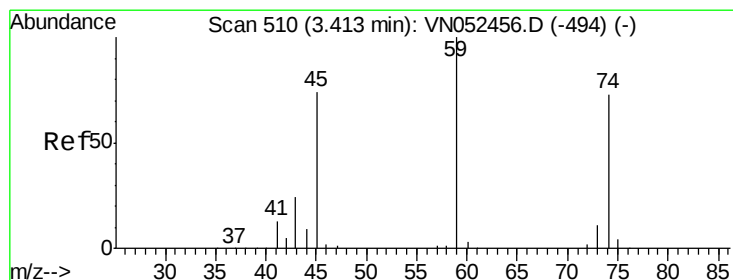
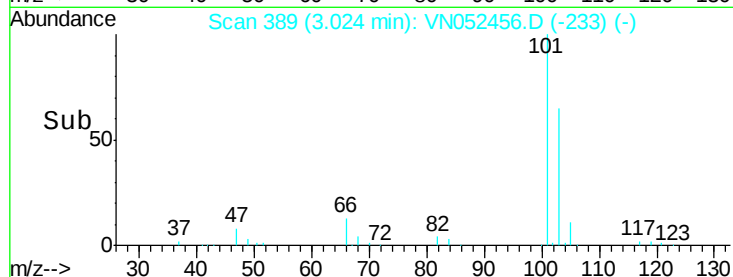
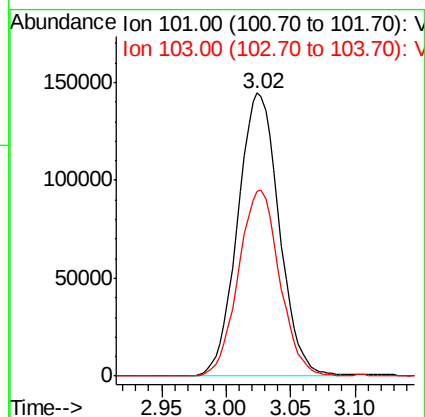
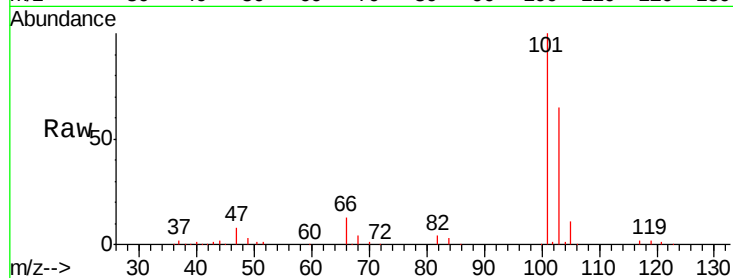
103 65.1 52.1 78.1

Manual Integrations

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11/27/2018 3:52:10 PM



#8

Diethyl Ether

Concen: 19.48 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN052456.D

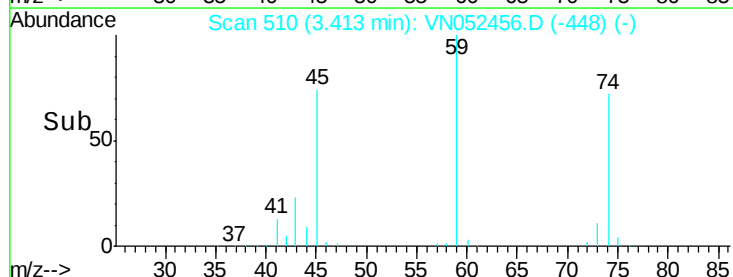
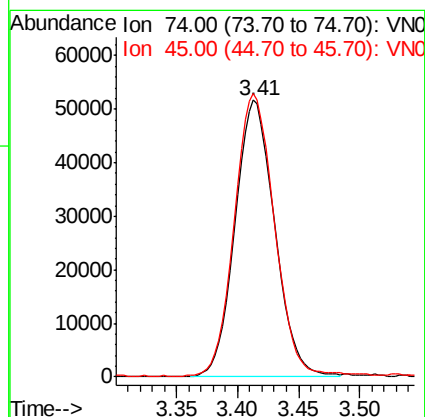
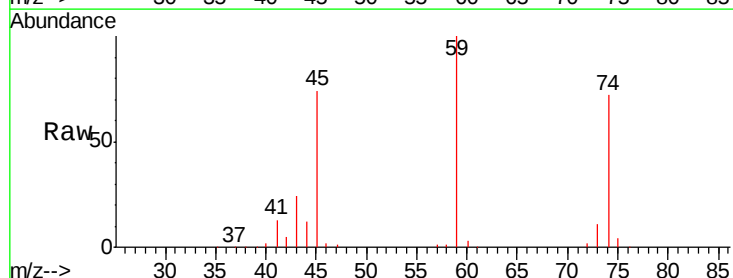
Acq: 26 Nov 2018 13:20

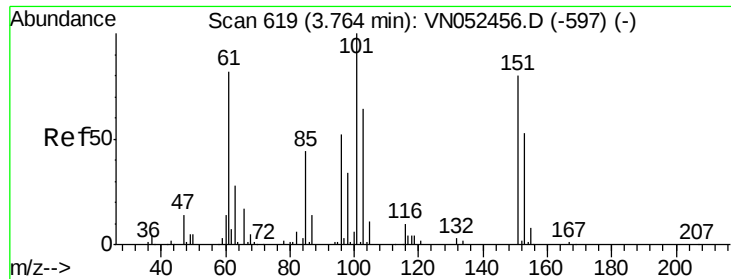
Tgt Ion: 74 Resp: 116577

Ion Ratio Lower Upper

74 100

45 103.2 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.67 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

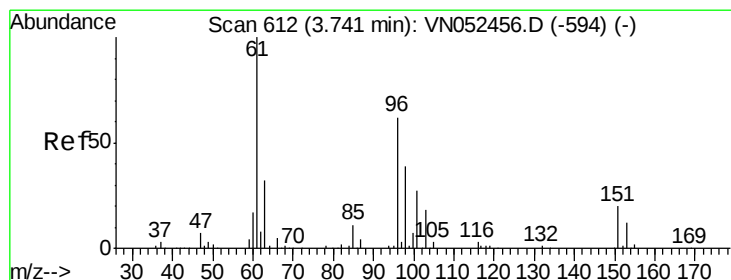
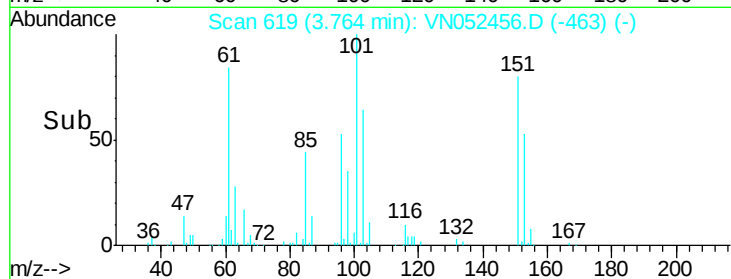
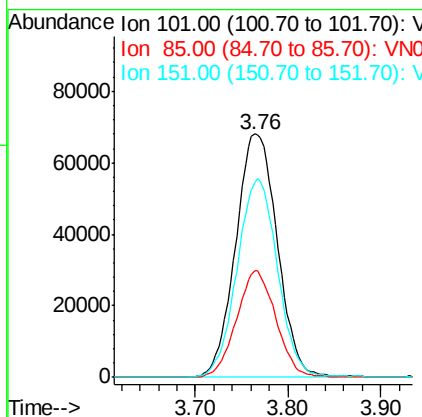
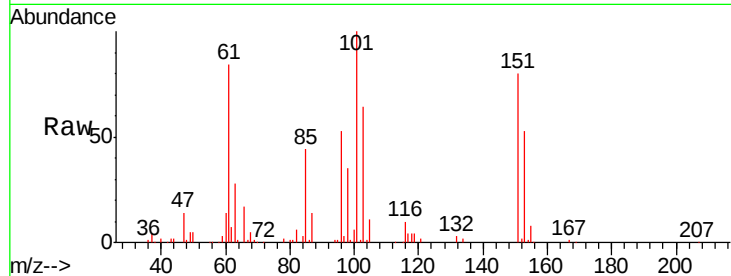
ClientSampleId :

VSTDICCC020

Tgt Ion:	101	Resp:	212328
Ion Ratio	Lower	Upper	
101	100		
85	41.3	0.0	82.6
151	79.2	0.0	158.4

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#10

1,1-Dichloroethene

Concen: 19.87 ug/l

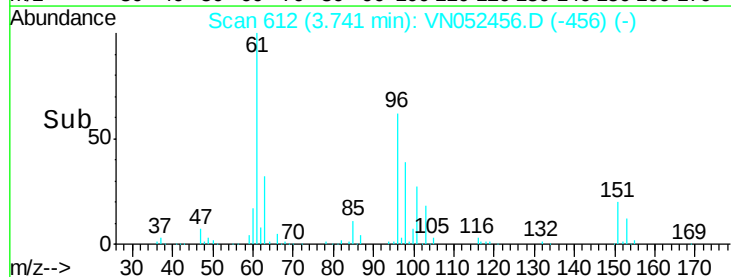
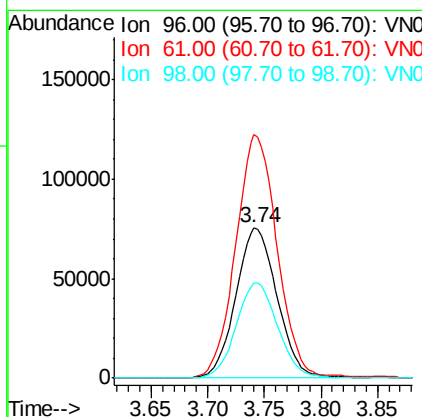
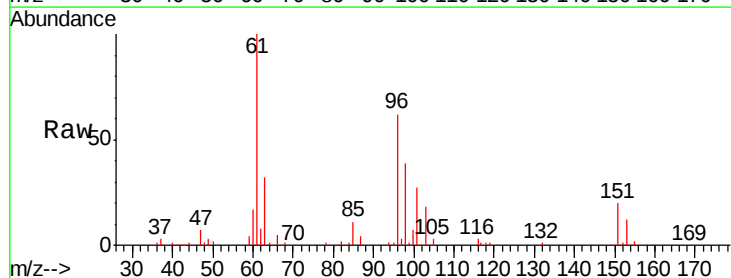
RT: 3.74 min Scan# 612

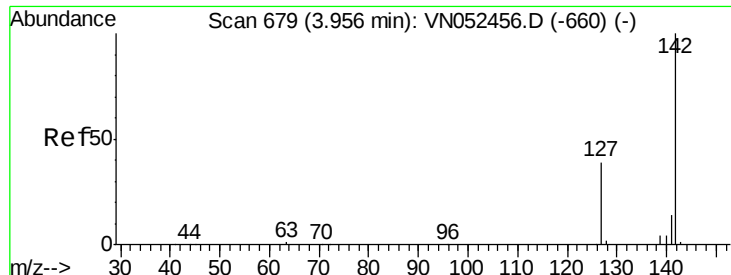
Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Tgt Ion:	96	Resp:	191895
Ion Ratio	Lower	Upper	
96	100		
61	161.8	129.4	194.2
98	63.0	50.4	75.6





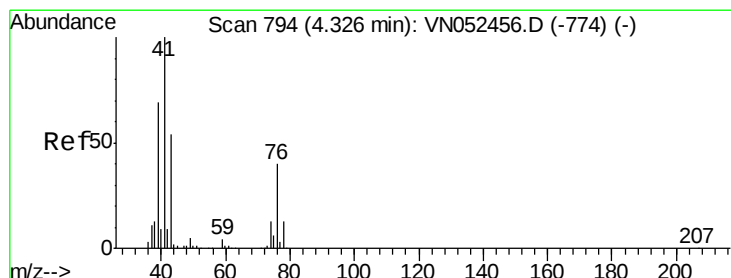
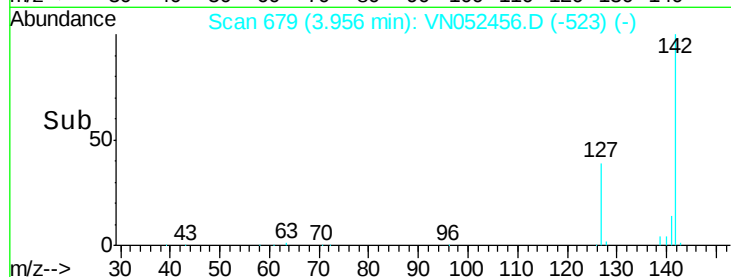
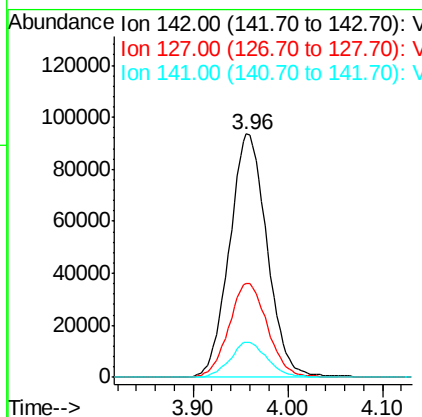
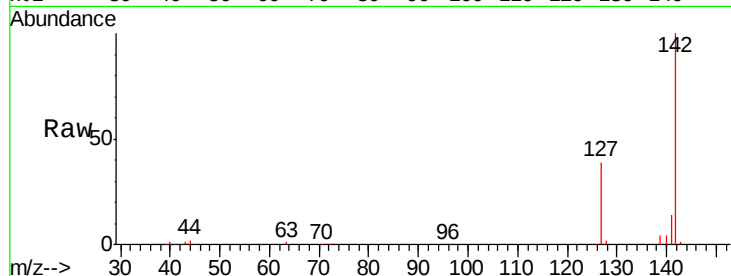
#11
Methyl Iodide
Concen: 19.29 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.7	19.4	58.1
141	14.4	7.2	21.6

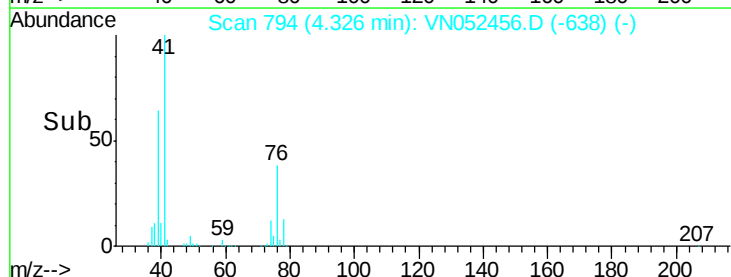
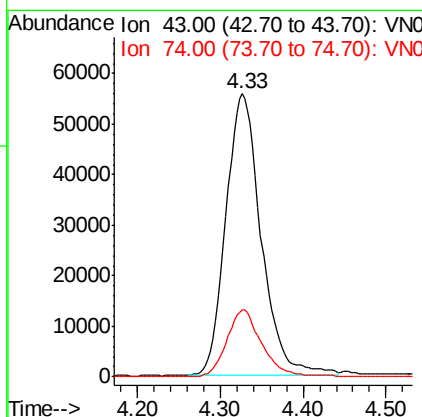
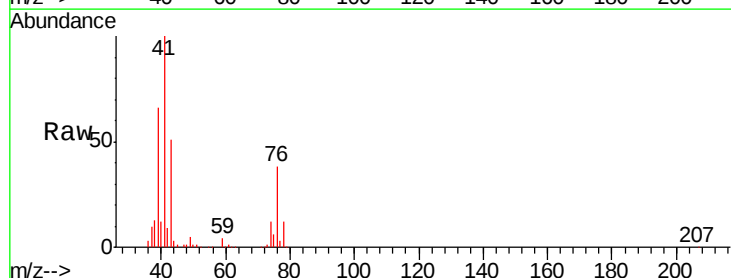
Manual Integrations
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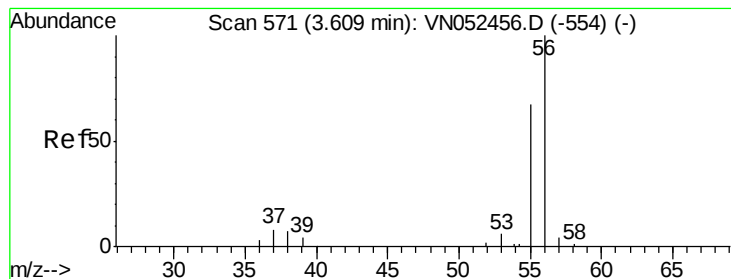
MMDadoda
11/27/2018 3:52:10 PM



#12
Methyl Acetate
Concen: 20.15 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.9	28.3





#13

Acrolein

Concen: 92.58 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 56 Resp: 89242

Ion Ratio Lower Upper

56 100

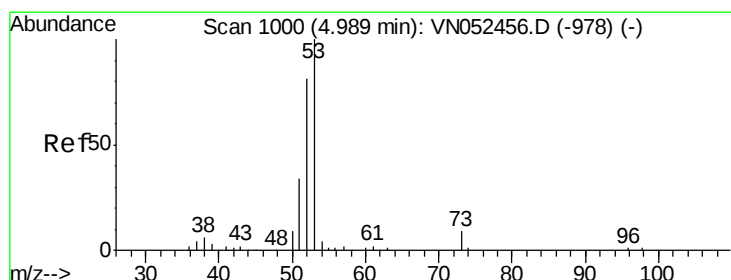
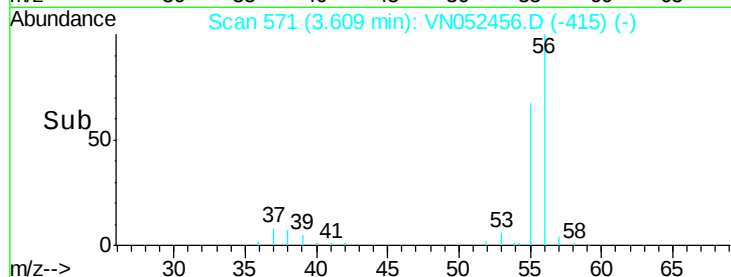
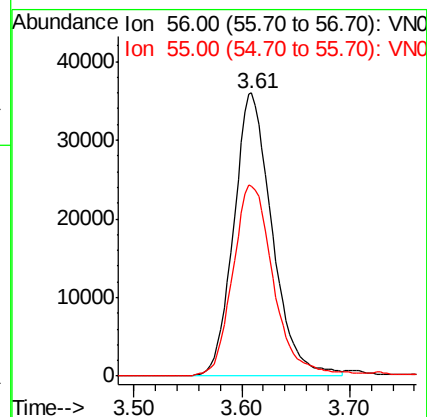
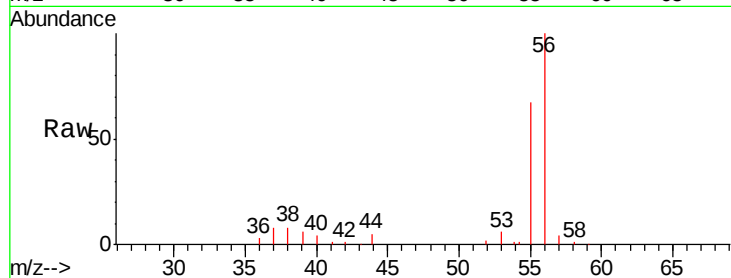
55 70.9 56.7 85.1

Manual Integrations

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#14

Acrylonitrile

Concen: 102.73 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

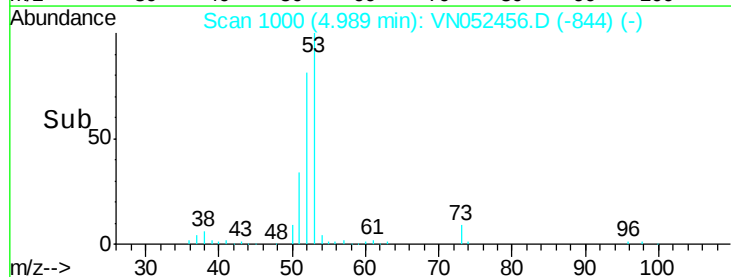
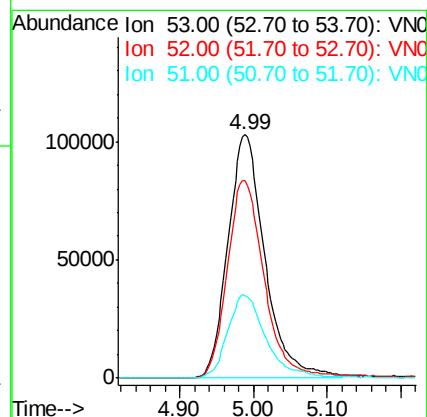
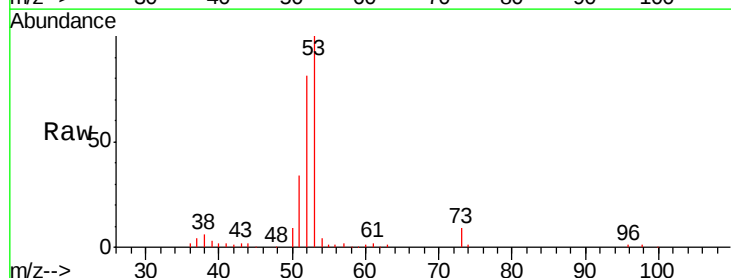
Tgt Ion: 53 Resp: 359199

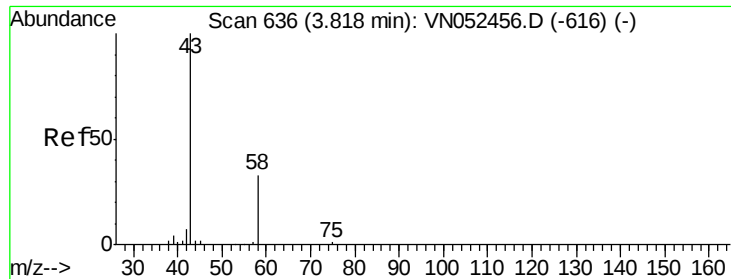
Ion Ratio Lower Upper

53 100

52 79.8 39.9 119.7

51 35.3 17.6 52.9





#15

Acetone

Concen: 108.82 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 98535

Ion Ratio Lower Upper

58 100

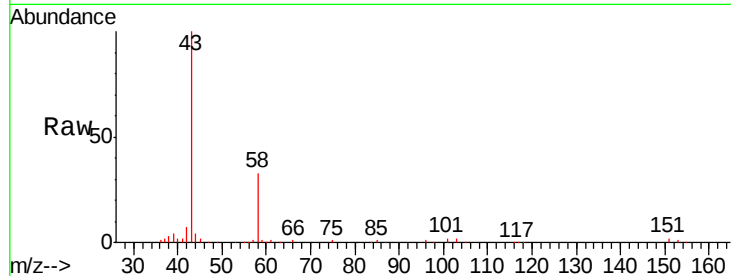
43 304.5 243.6 365.4

Manual Integrations

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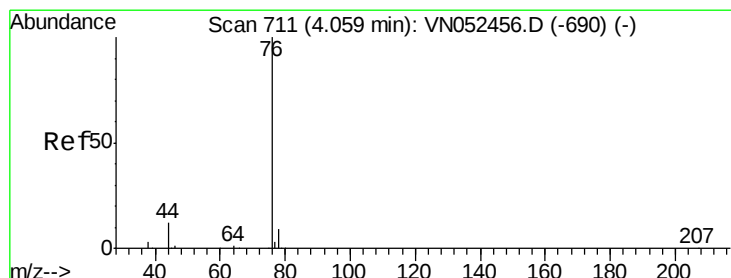
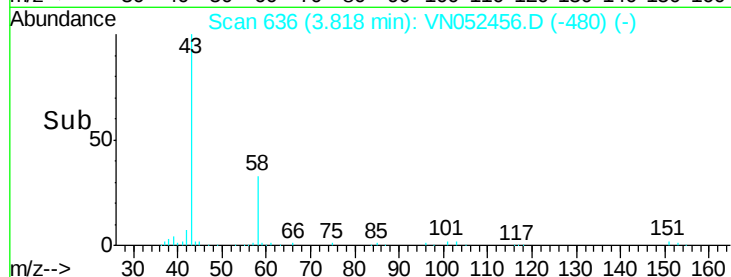
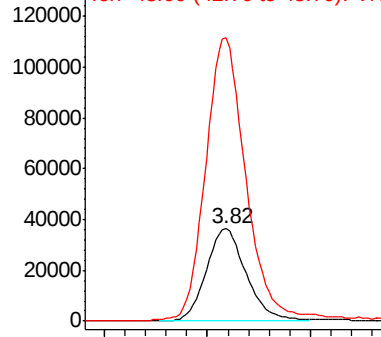
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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.88 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052456.D

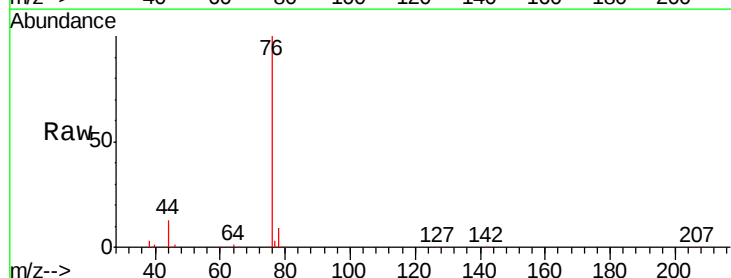
Acq: 26 Nov 2018 13:20

Tgt Ion: 76 Resp: 607954

Ion Ratio Lower Upper

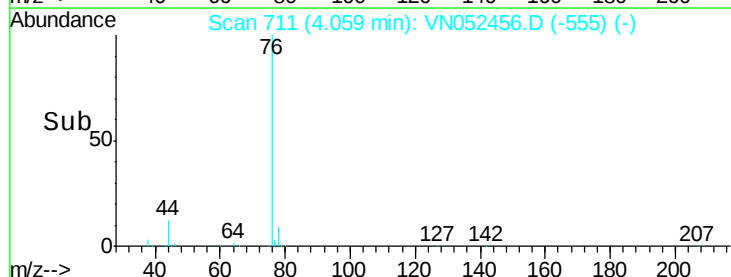
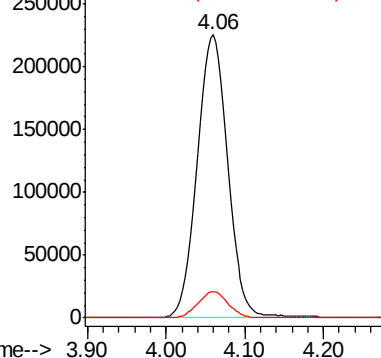
76 100

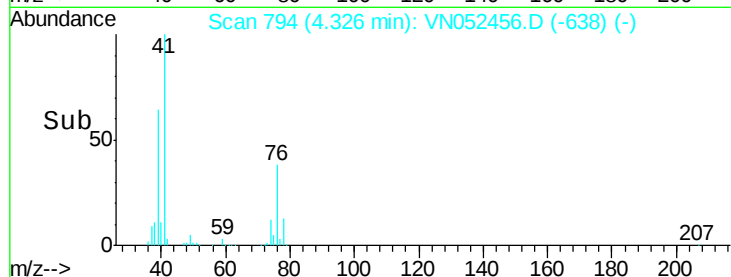
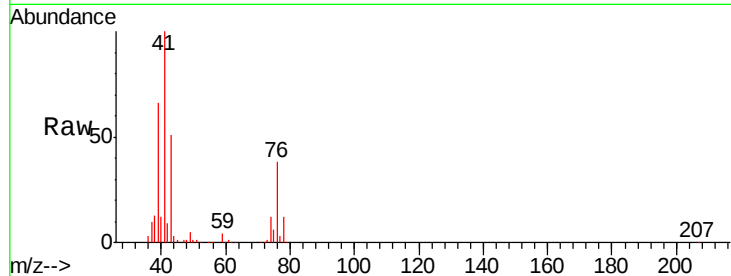
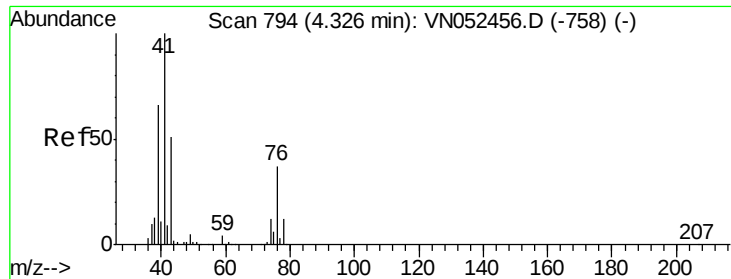
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





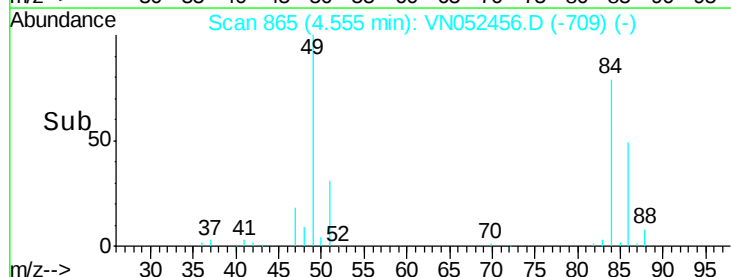
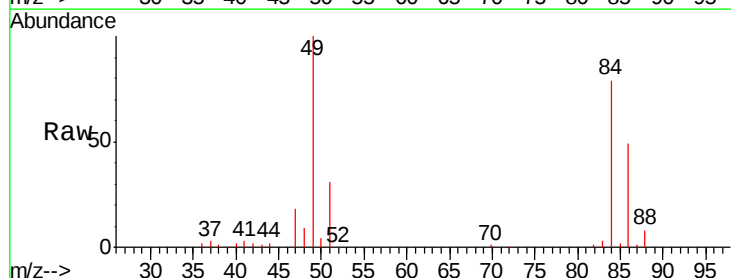
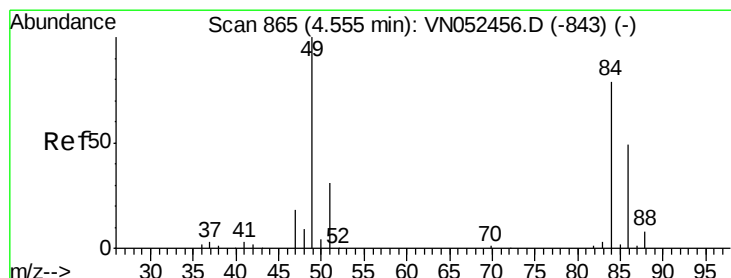
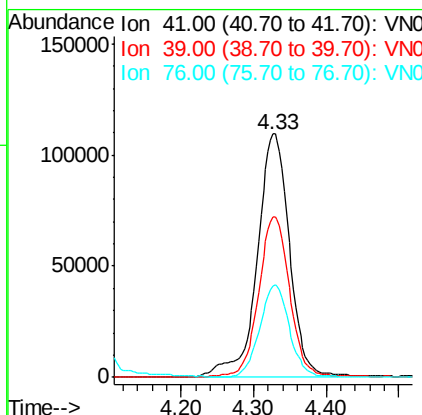
#17
 Allyl chloride
 Concen: 20.15 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.5	32.8	98.3
76	37.2	18.6	55.8

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

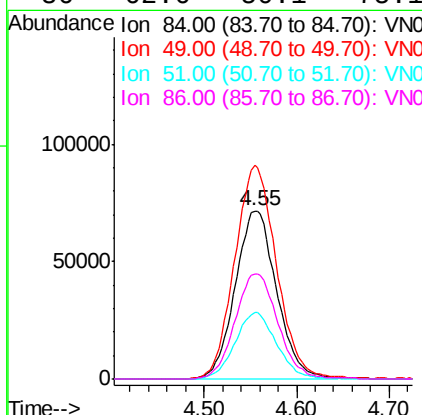
Manual Integrations
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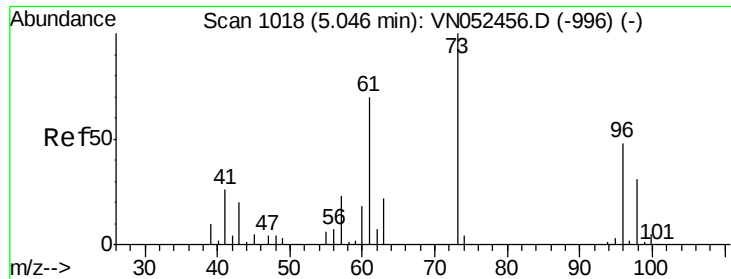
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#18
 Methylene Chloride
 Concen: 19.88 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.7	101.4	152.0
51	39.6	31.7	47.5
86	62.6	50.1	75.1





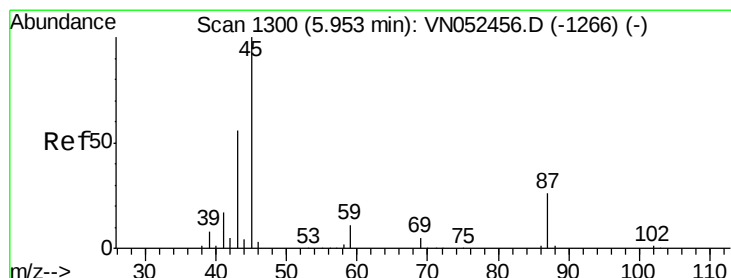
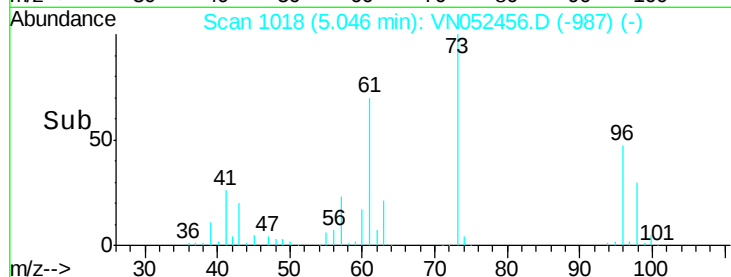
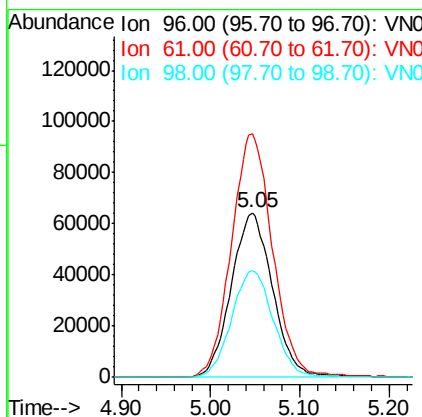
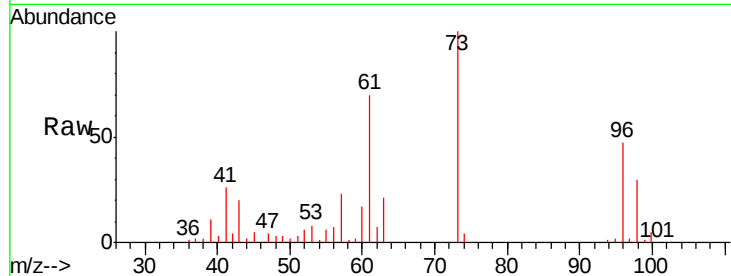
#19
trans-1,2-Dichloroethene
Concen: 19.79 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.8	118.2	177.4
98	64.3	51.4	77.2

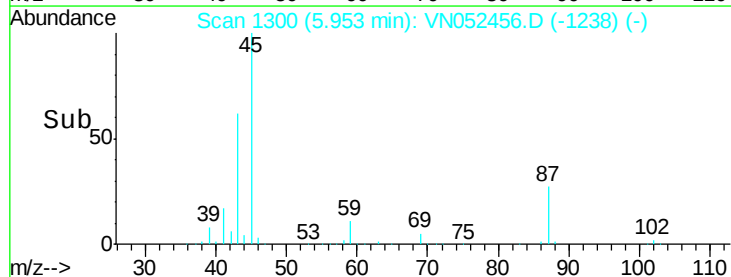
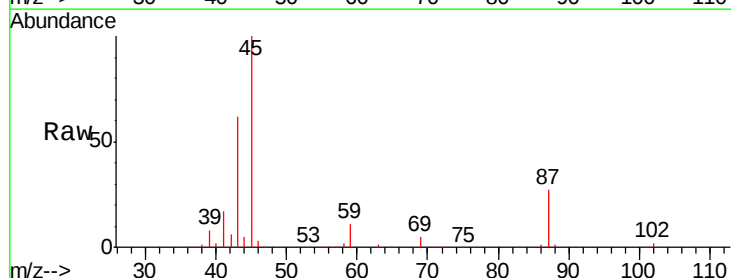
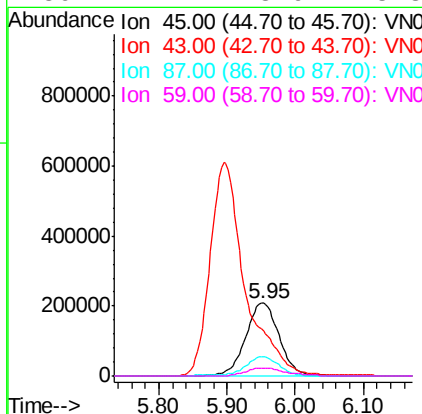
Manual Integrations
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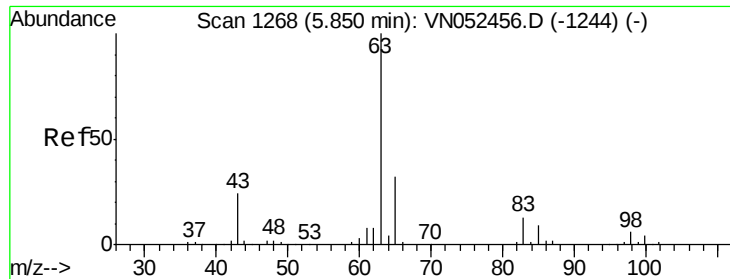
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#20
Diisopropyl ether
Concen: 20.14 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.8	47.8	71.8
87	26.6	21.3	31.9
59	11.1	8.9	13.3





#21

1,1-Dichloroethane

Concen: 19.90 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

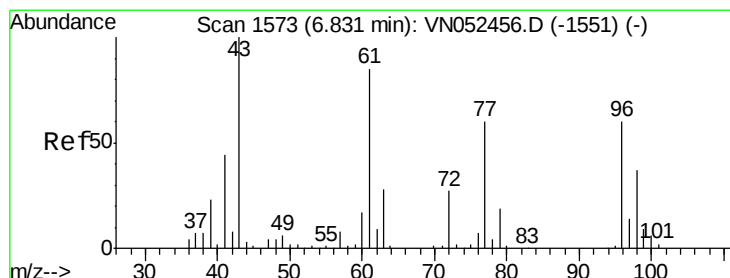
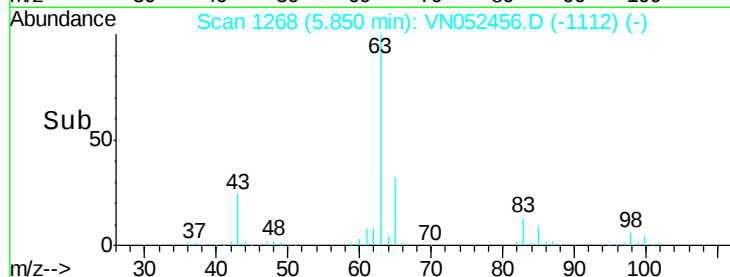
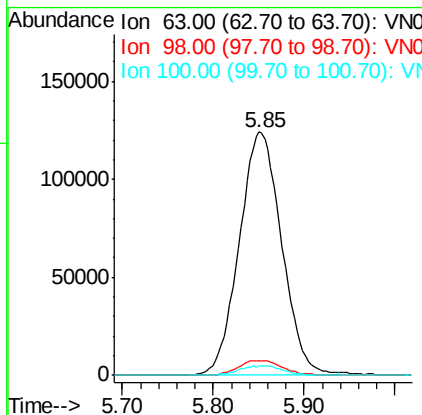
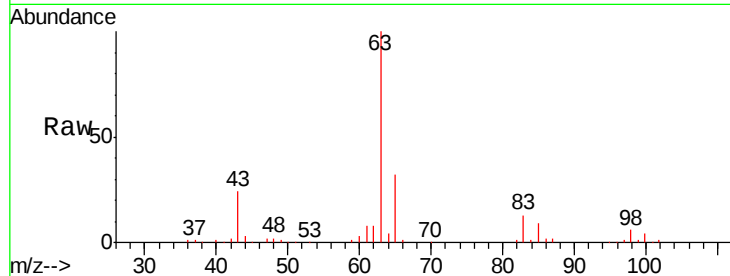
ClientSampleId :

VSTDICCC020

Tgt Ion:	63	Resp:	401438
Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.0	9.2
100	3.7	1.8	5.5

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#22

cis-1,2-Dichloroethene

Concen: 20.07 ug/l

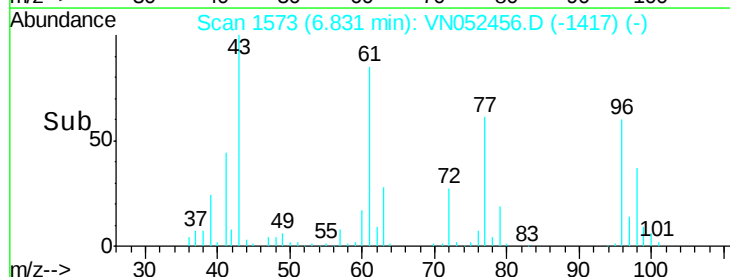
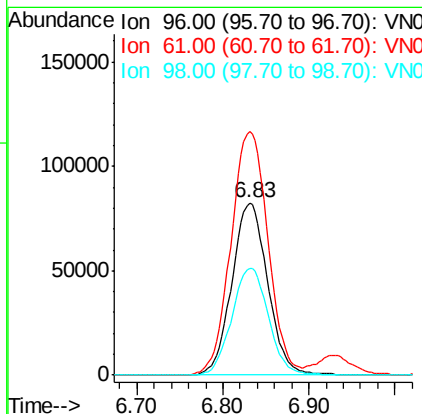
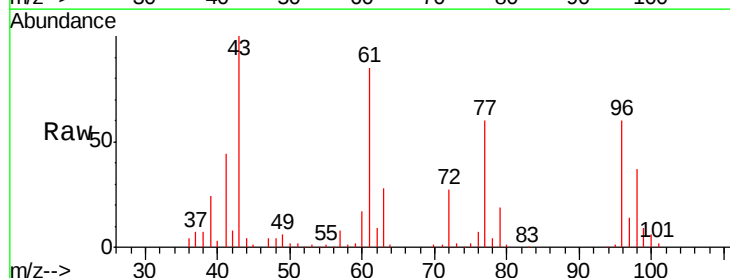
RT: 6.83 min Scan# 1573

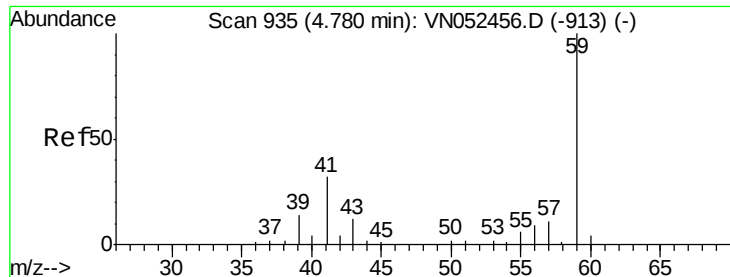
Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Tgt Ion:	96	Resp:	239058
Ion	Ratio	Lower	Upper
96	100		
61	145.9	116.7	175.1
98	63.5	50.8	76.2





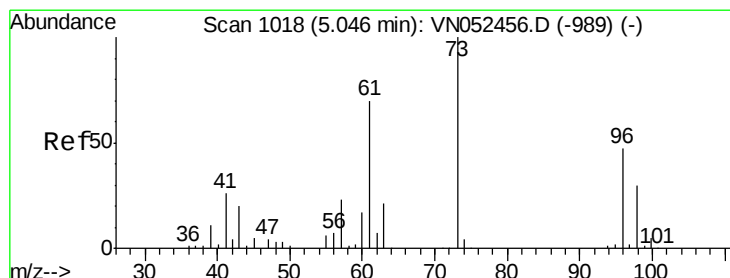
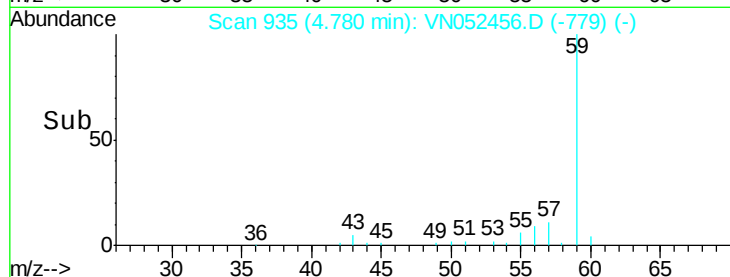
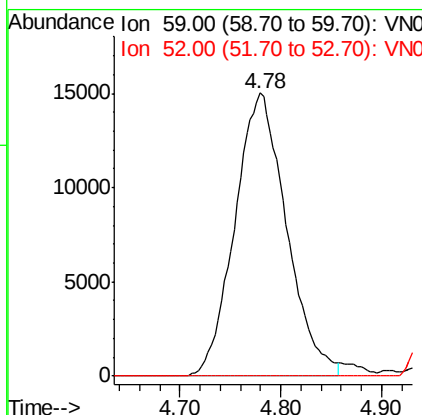
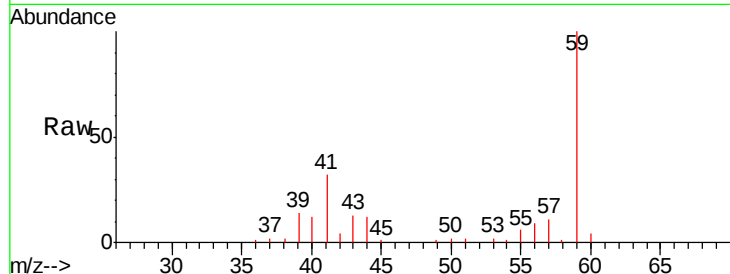
#23
 tert-Butyl Alcohol
 Concen: 102.62 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 59 Resp: 53376
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

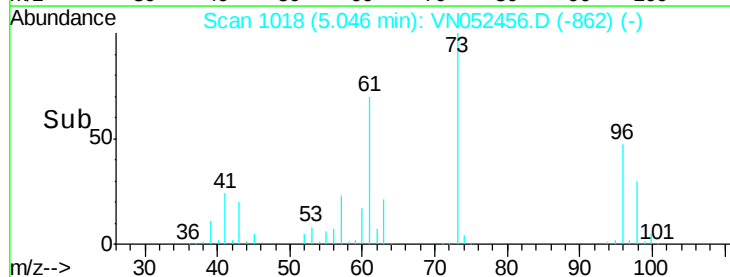
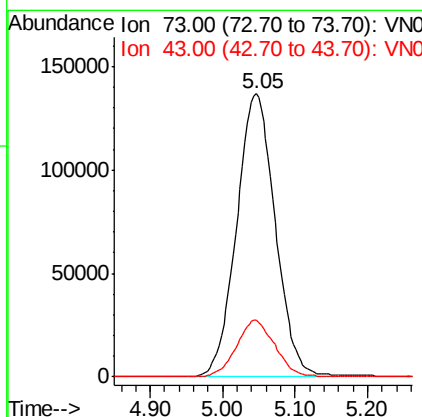
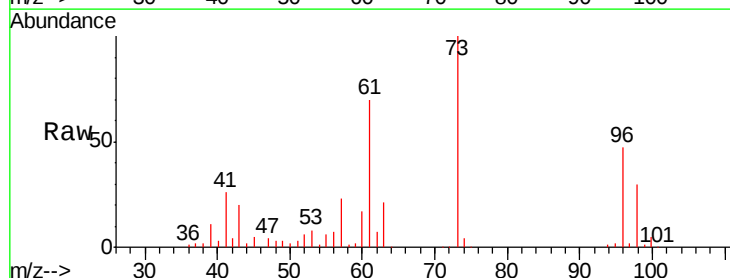
Manual Integrations
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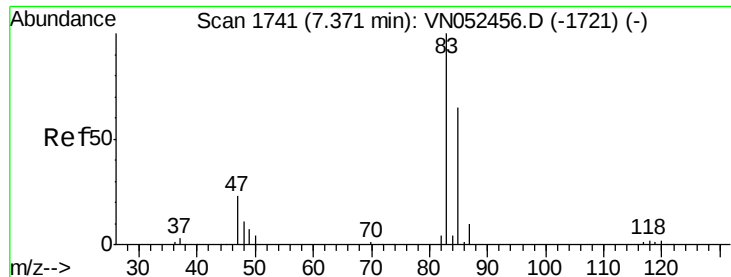
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#24
 Methyl tert-Butyl Ether
 Concen: 20.02 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion: 73 Resp: 507166
 Ion Ratio Lower Upper
 73 100
 43 19.8 15.8 23.8





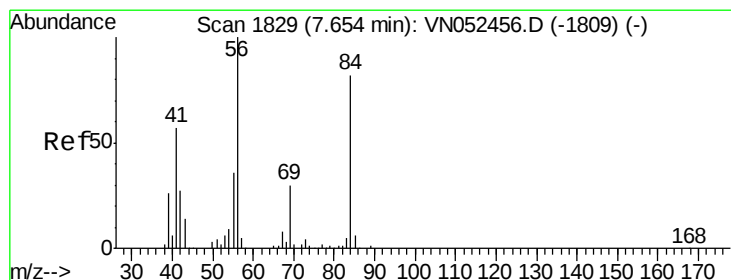
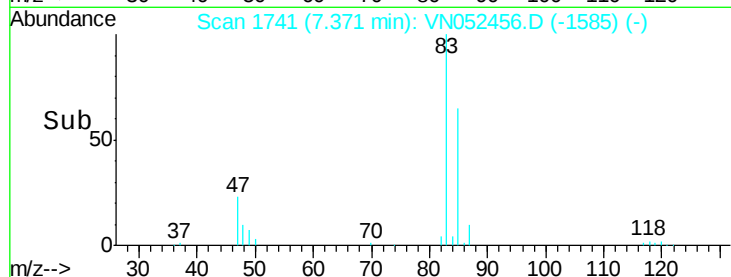
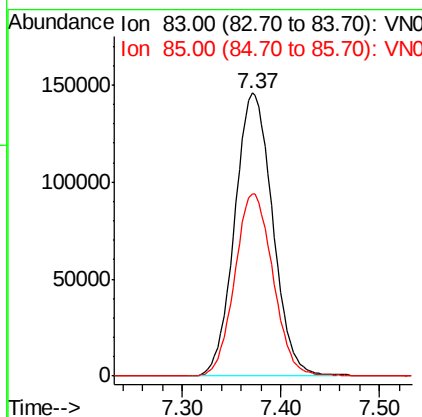
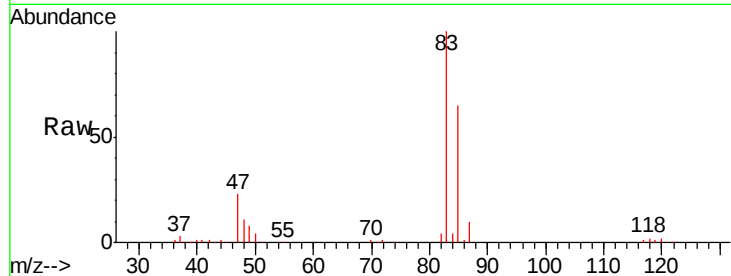
#25
Chloroform
Concen: 19.99 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 389159
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5

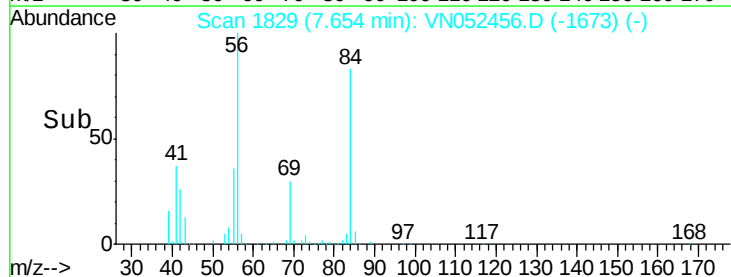
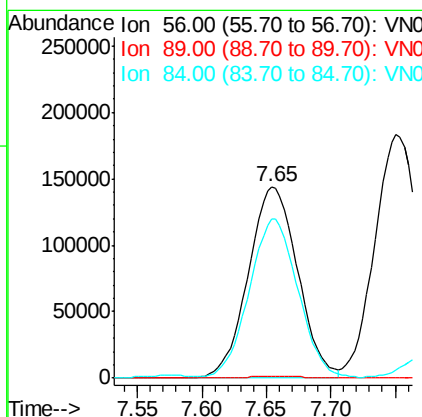
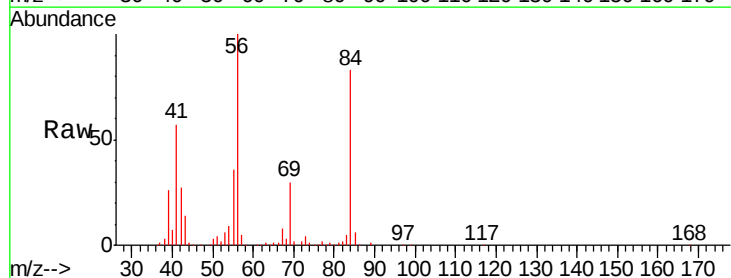
Manual Integrations
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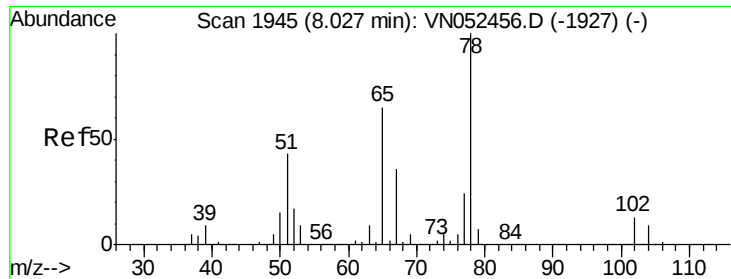
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#26
Cyclohexane
Concen: 20.15 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion: 56 Resp: 383362
Ion Ratio Lower Upper
56 100
89 0.6 0.5 0.7
84 82.7 66.2 99.2





#27

1,2-Dichloroethane-d4

Concen: 20.15 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 65 Resp: 352883

Ion Ratio Lower Upper

65 100

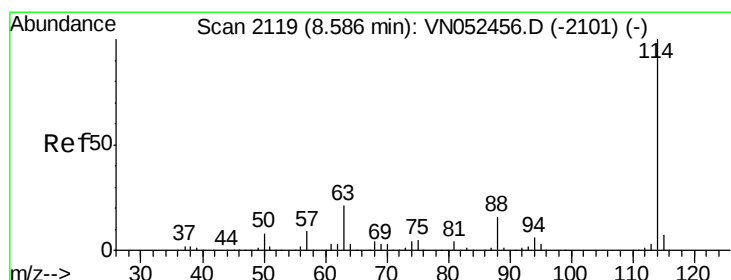
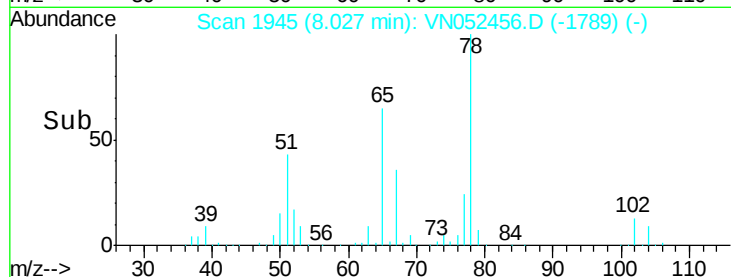
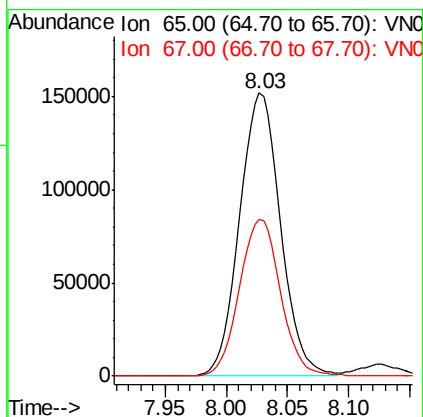
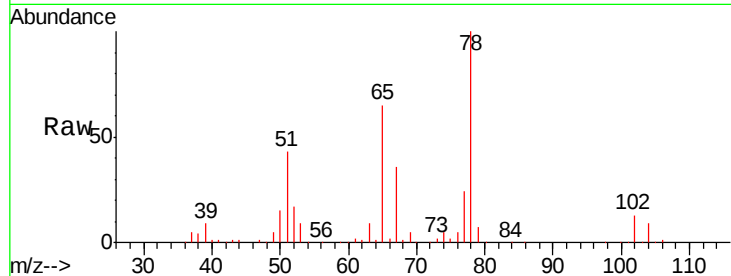
67 55.7 44.6 66.8

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#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

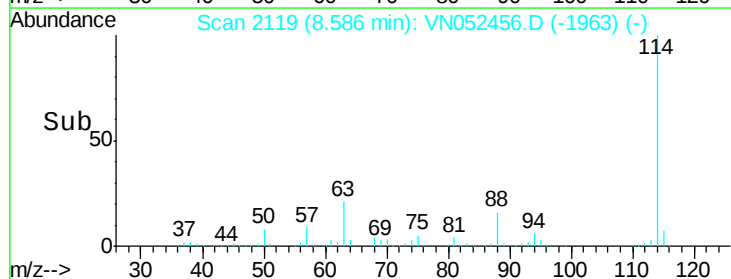
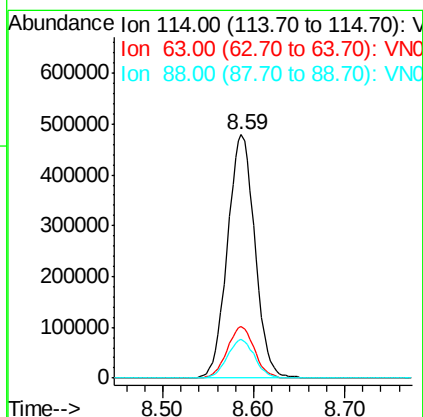
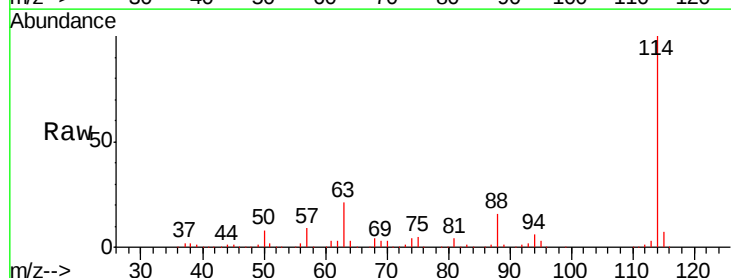
Tgt Ion: 114 Resp: 1000035

Ion Ratio Lower Upper

114 100

63 21.1 16.9 25.3

88 16.0 12.8 19.2





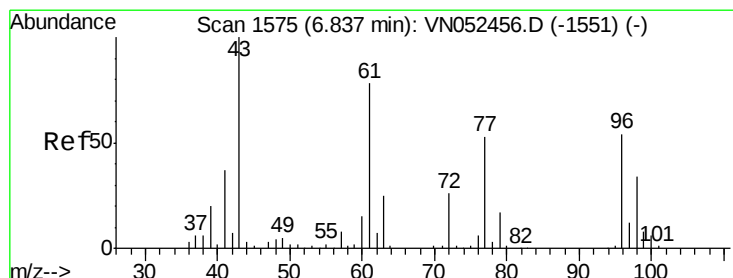
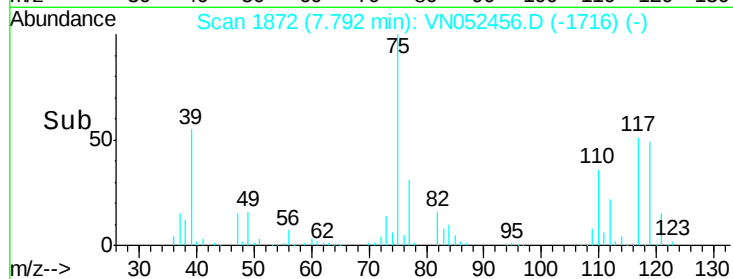
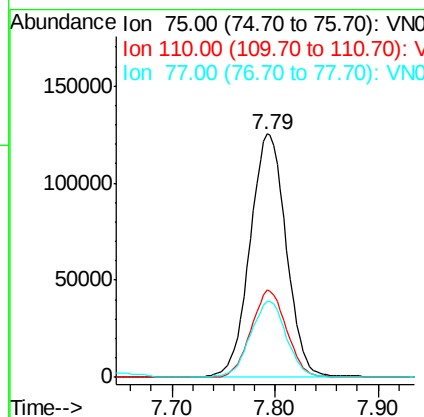
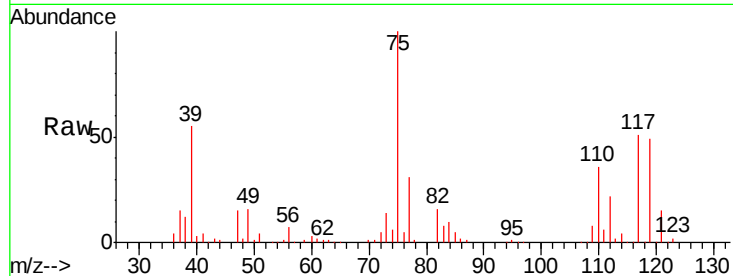
#29
 1,1-Dichloropropene
 Concen: 20.01 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion	Ratio	Resp Lower	Resp Upper
75	100		
110	35.1	0.0	70.2
77	31.3	0.0	62.6

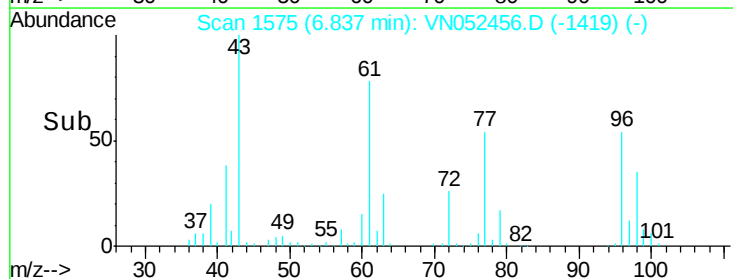
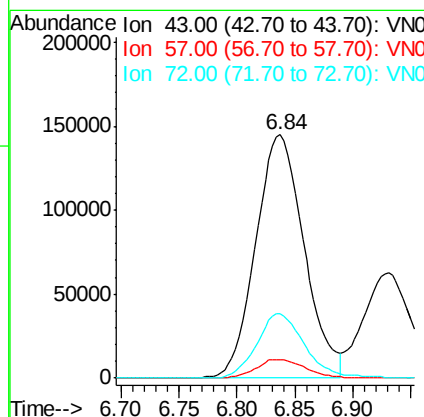
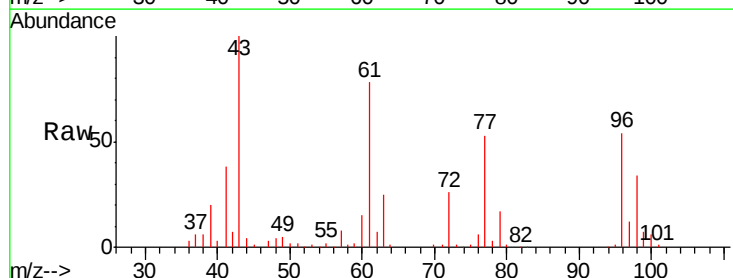
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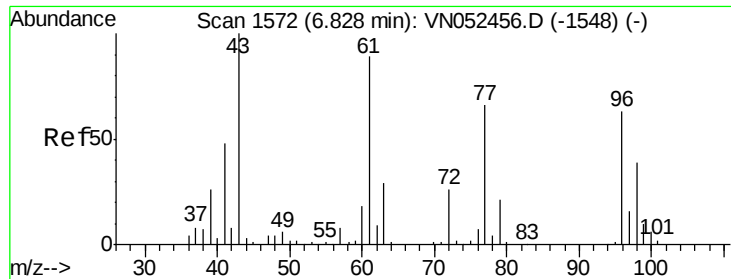
MMDadoda
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#30
 2-Butanone
 Concen: 102.51 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
57	7.8	6.2	9.4
72	26.3	21.0	31.6





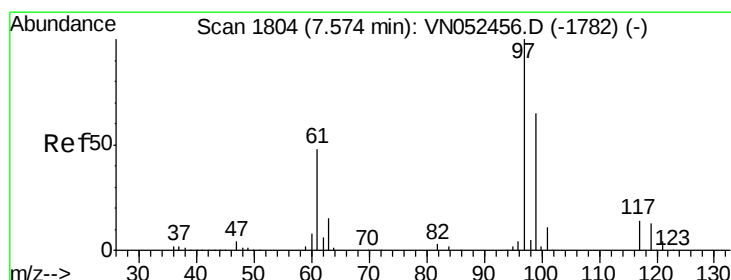
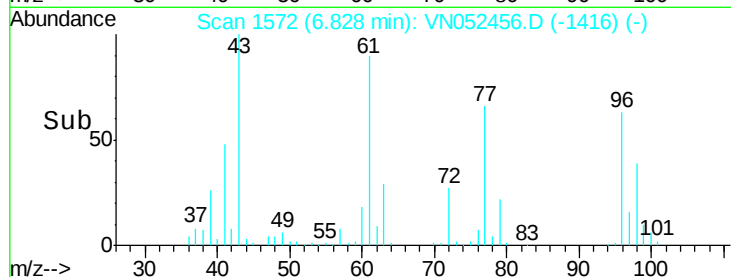
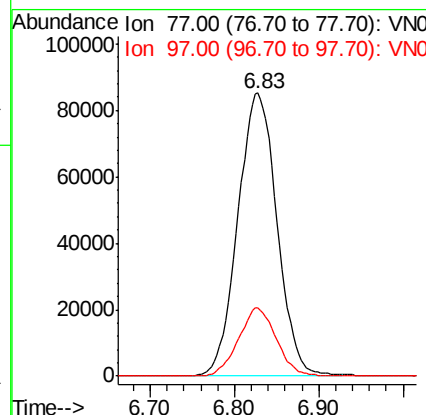
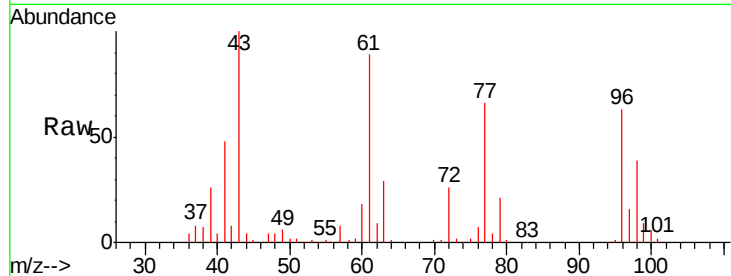
#31
 2,2-Dichloropropane
 Concen: 19.54 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 77 Resp: 274780
 Ion Ratio Lower Upper
 77 100
 97 23.4 18.7 28.1

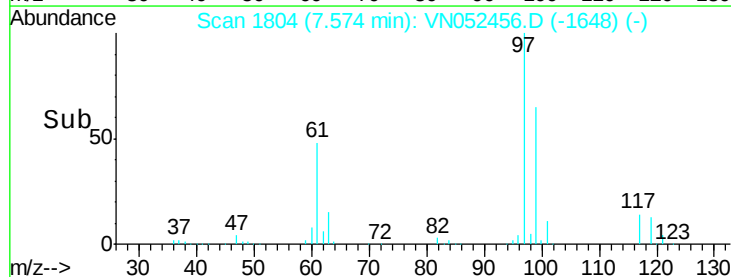
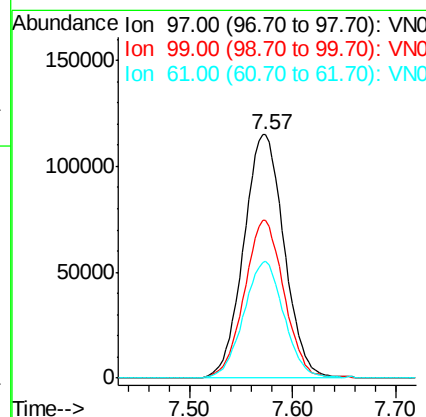
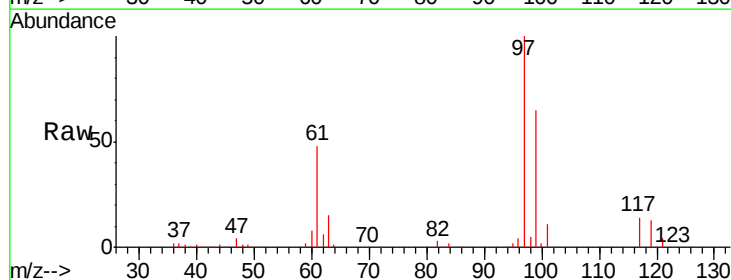
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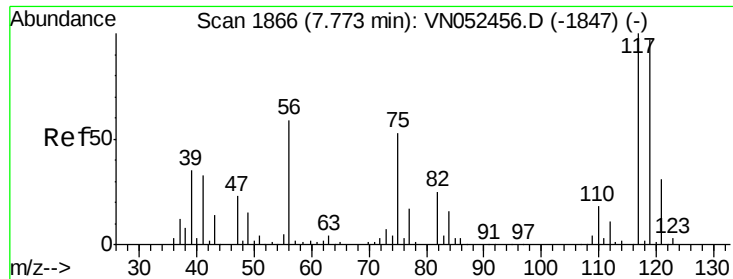
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#32
 1,1,1-Trichloroethane
 Concen: 19.72 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion: 97 Resp: 313353
 Ion Ratio Lower Upper
 97 100
 99 63.6 50.9 76.3
 61 47.6 38.1 57.1





#33

Carbon Tetrachloride

Concen: 19.81 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 117 Resp: 275465
Ion Ratio Lower Upper

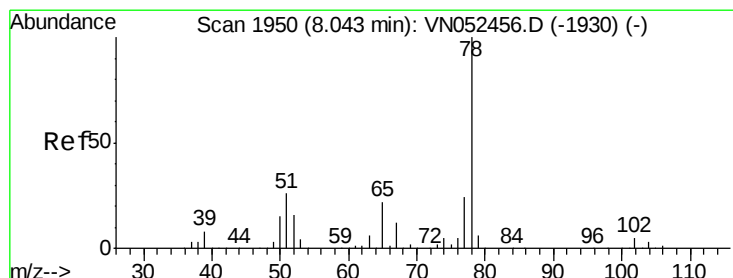
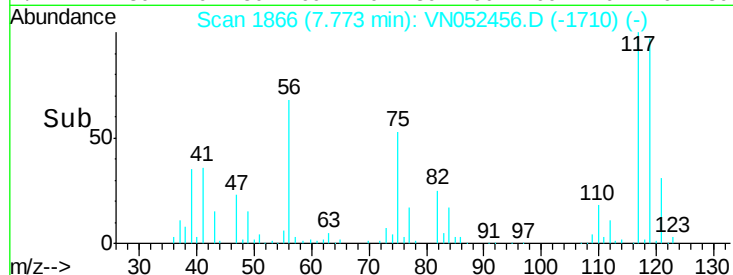
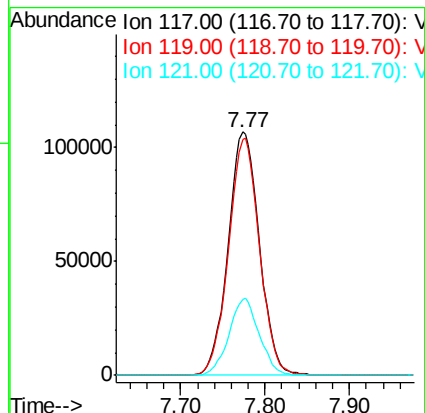
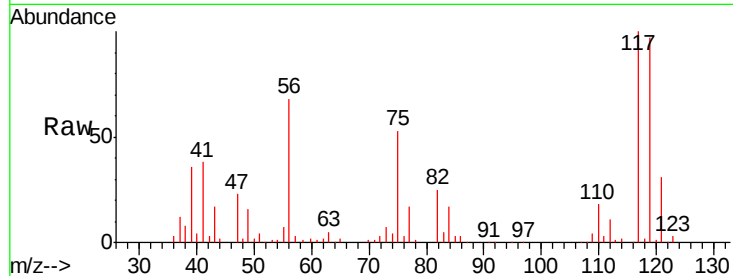
117 100

119 96.6 77.3 115.9

121 31.1 24.9 37.3

Manual Integrations
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#34

Benzene

Concen: 20.04 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052456.D

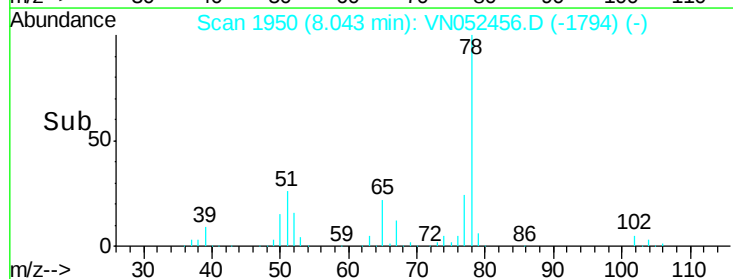
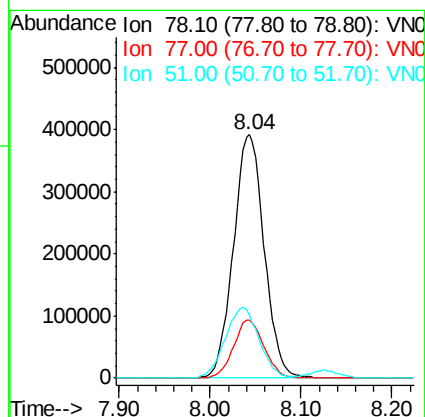
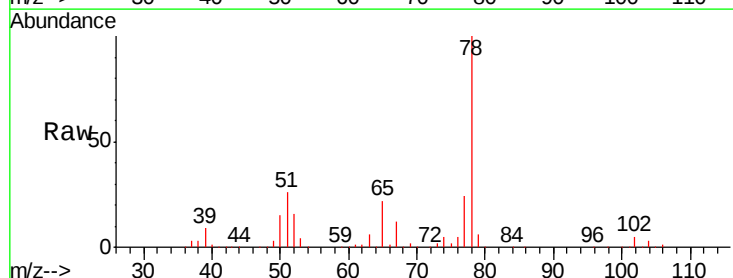
Acq: 26 Nov 2018 13:20

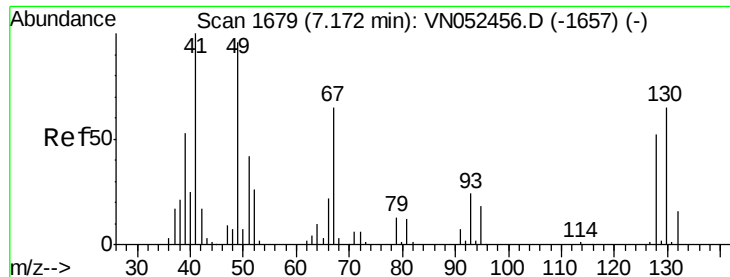
Tgt Ion: 78 Resp: 920024
Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

51 25.6 20.5 30.7





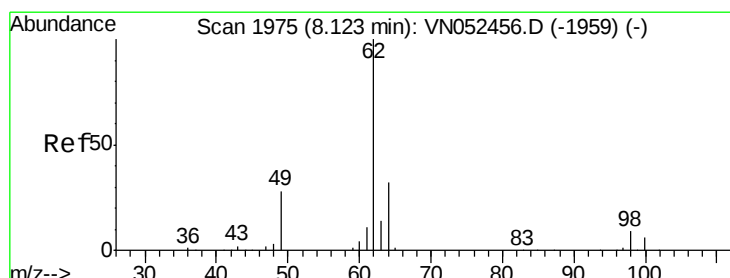
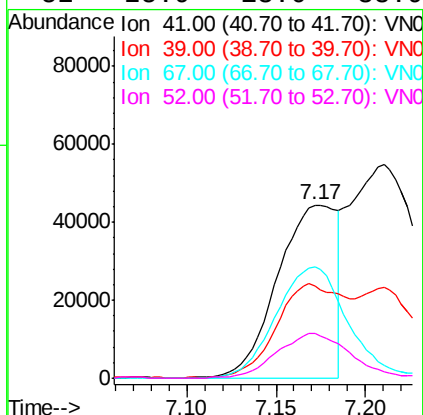
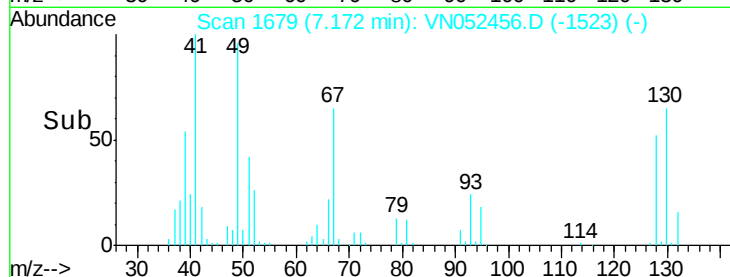
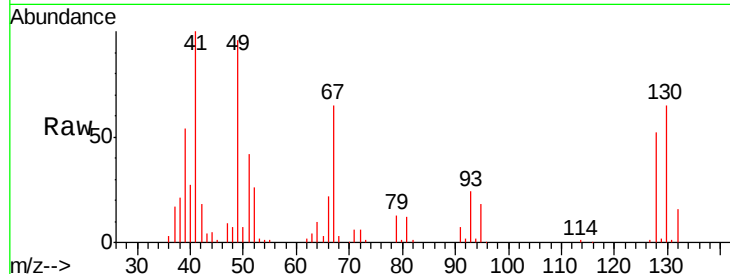
#35
Methacrylonitrile
Concen: 14.53 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.1	26.6	79.7
67	64.6	32.3	96.9
52	25.9	13.0	38.9

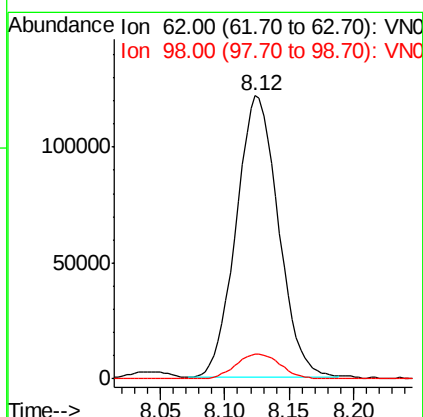
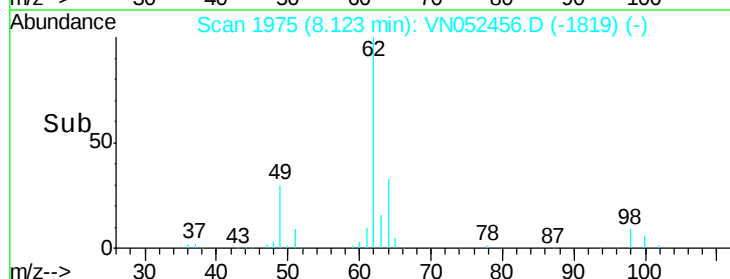
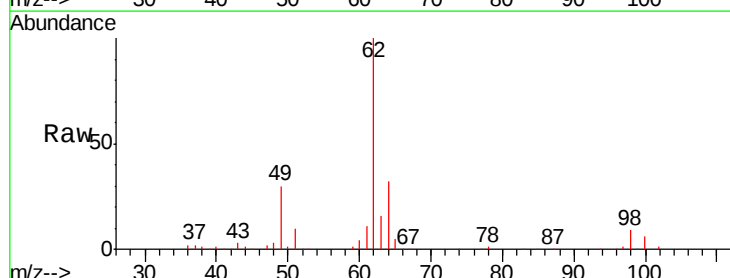
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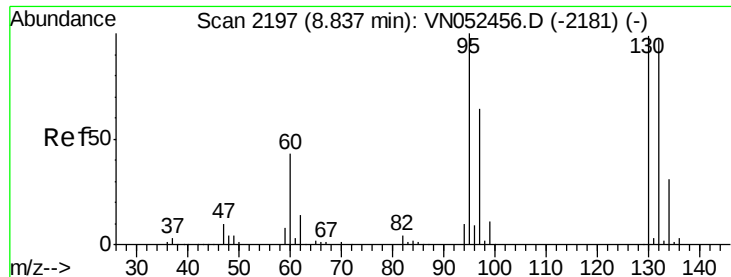
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#36
1,2-Dichloroethane
Concen: 19.93 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.4	11.2





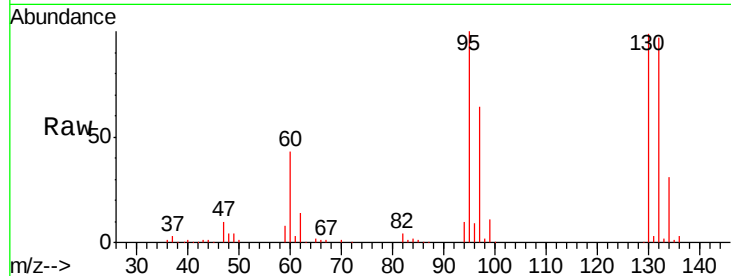
#37
 Trichloroethene
 Concen: 19.80 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

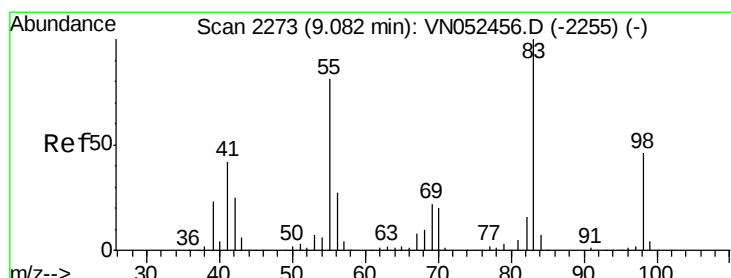
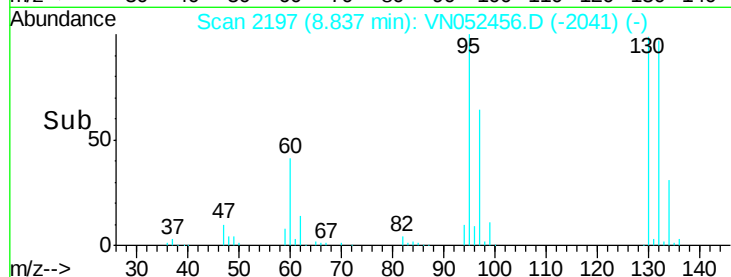
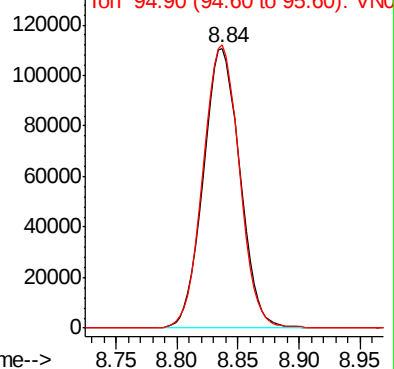
Tgt Ion: 130 Resp: 230525
 Ion Ratio Lower Upper
 130 100
 95 101.2 81.0 121.4

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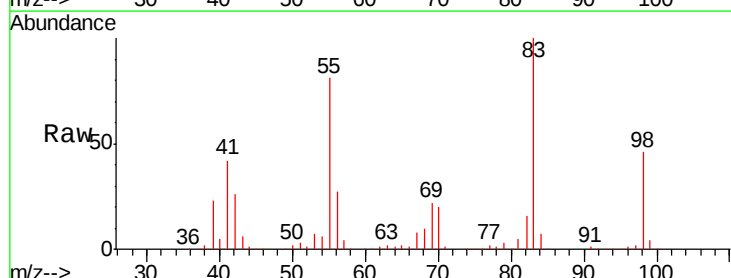


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

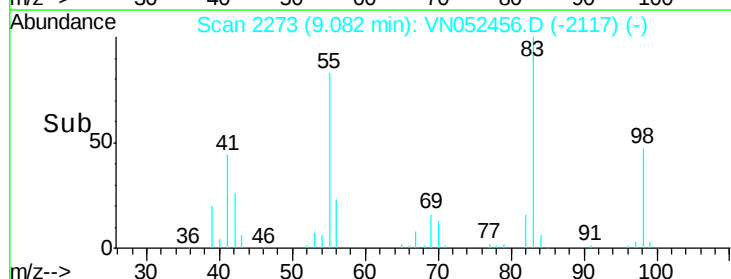
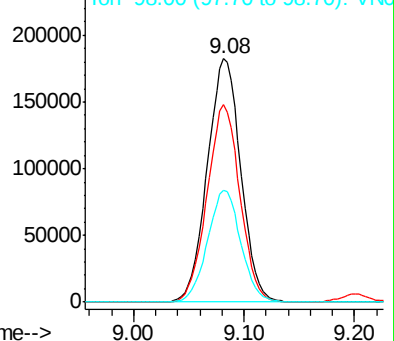


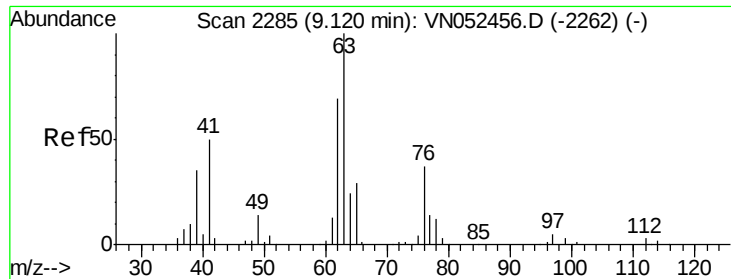
#38
 Methylcyclohexane
 Concen: 20.27 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion: 83 Resp: 383258
 Ion Ratio Lower Upper
 83 100
 55 79.6 39.8 119.4
 98 45.7 22.9 68.5



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





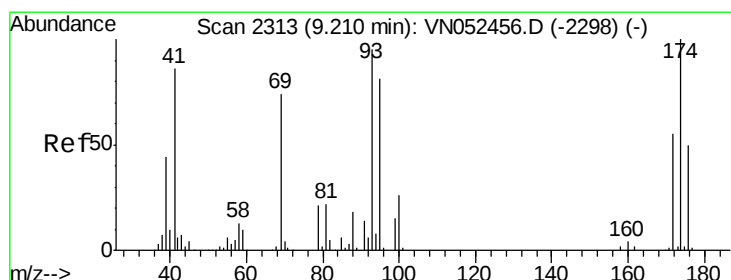
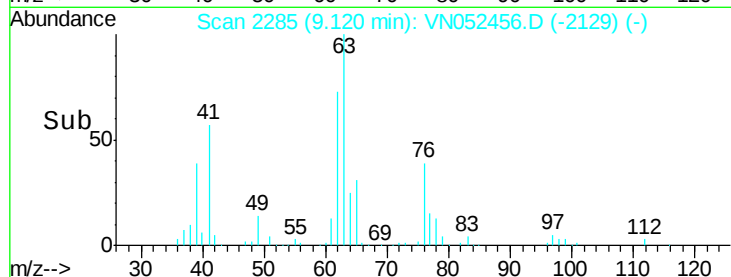
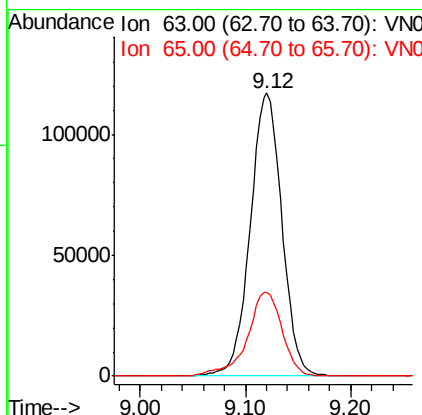
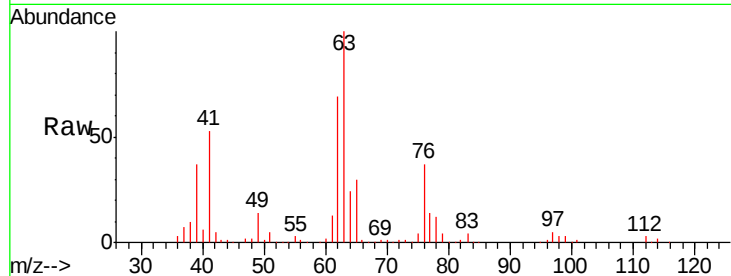
#39
 1,2-Dichloropropane
 Concen: 19.91 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 63 Resp: 245069
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.6 35.4

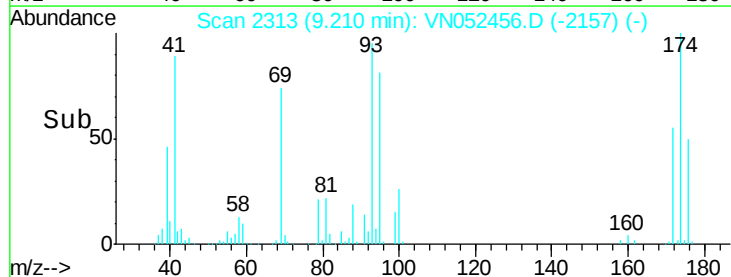
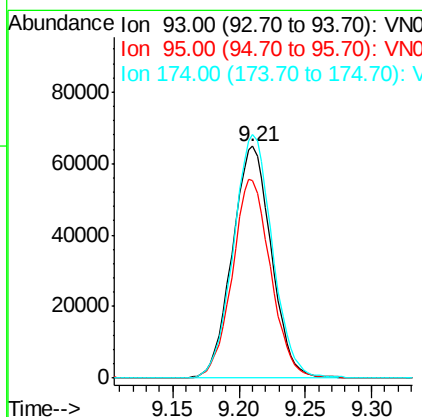
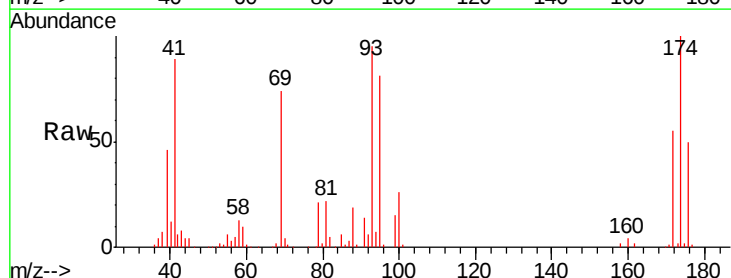
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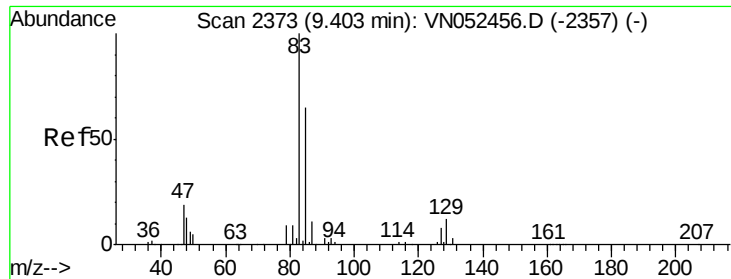
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#40
 Dibromomethane
 Concen: 19.98 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion: 93 Resp: 132859
 Ion Ratio Lower Upper
 93 100
 95 84.2 0.0 168.4
 174 105.0 0.0 210.0





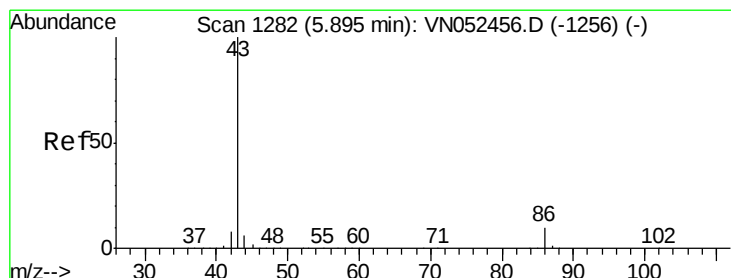
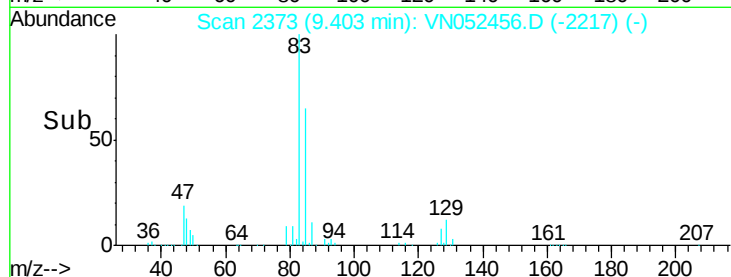
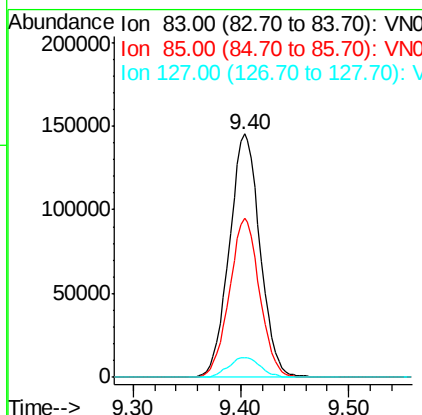
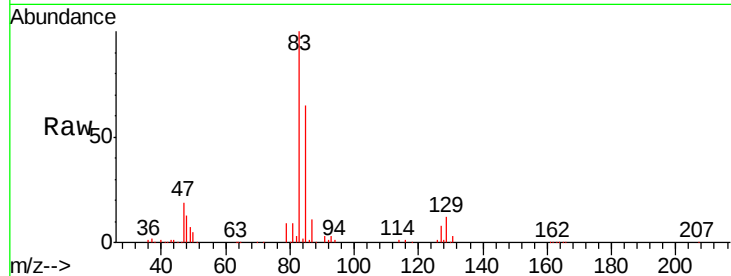
#41
 Bromodichloromethane
 Concen: 19.63 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6
127	8.2	6.6	9.8

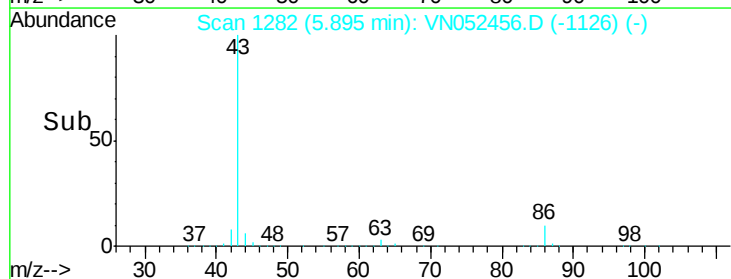
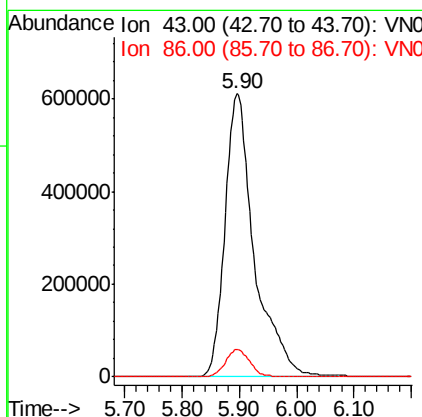
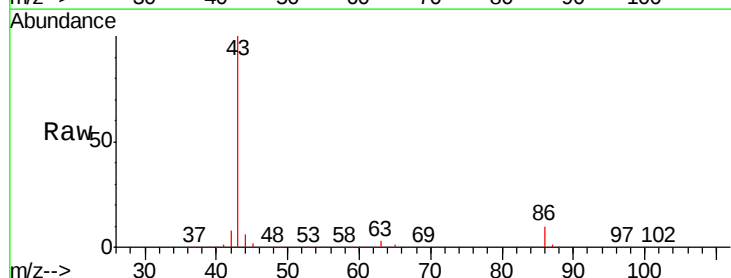
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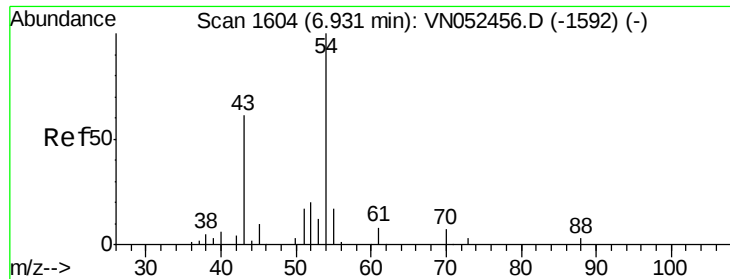
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#42
 Vinyl Acetate
 Concen: 98.62 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.5	9.7





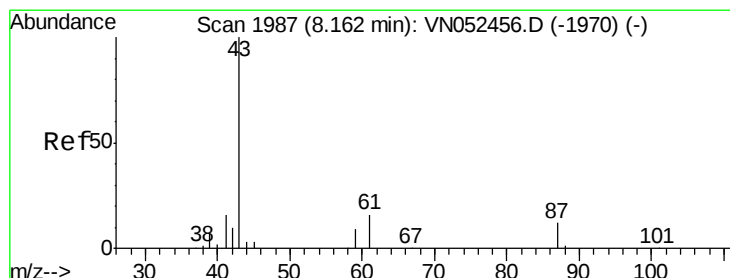
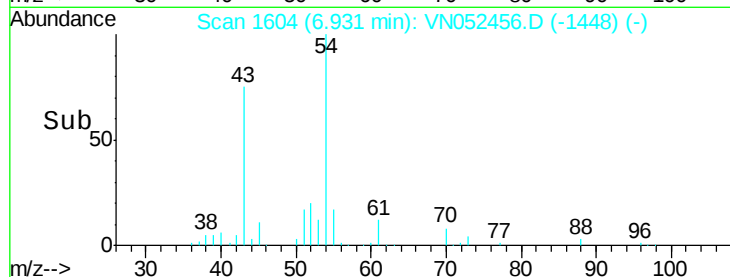
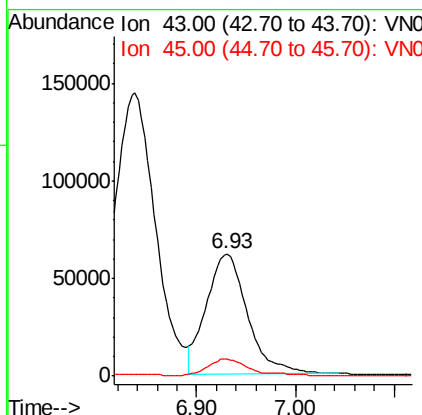
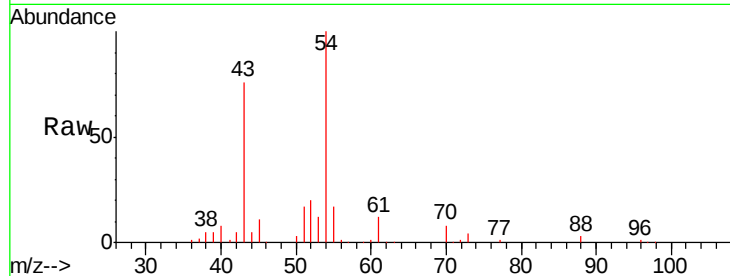
#43
Ethyl Acetate
Concen: 9.86 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 179326
Ion Ratio Lower Upper
43 100
45 11.9 1.0 1.6#

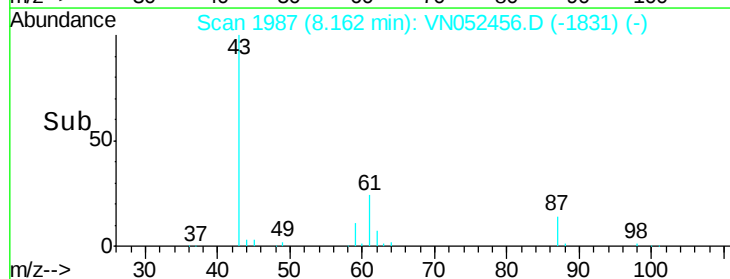
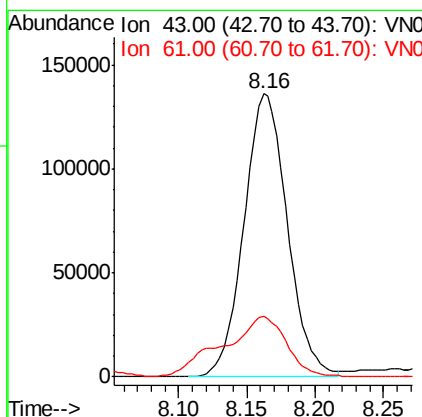
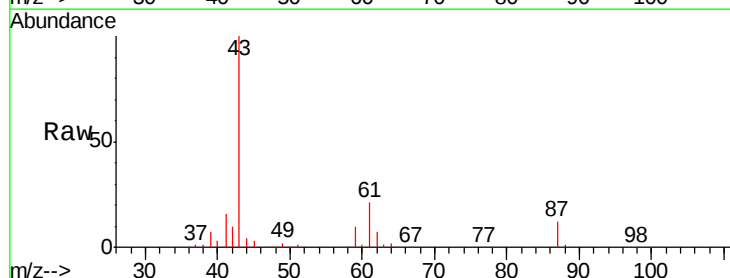
Manual Integrations
APPROVED

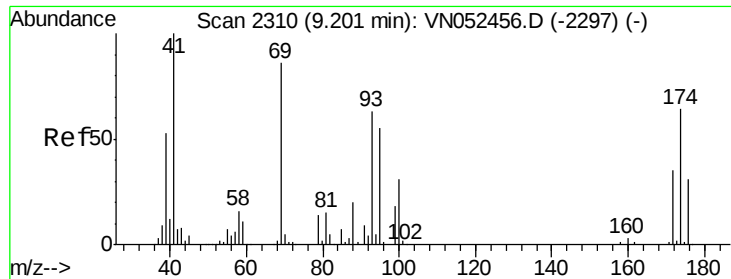
MMDadoda
11/27/2018 3:52:10 PM



#44
Isopropyl Acetate
Concen: 19.58 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion: 43 Resp: 298442
Ion Ratio Lower Upper
43 100
61 20.0 16.0 24.0





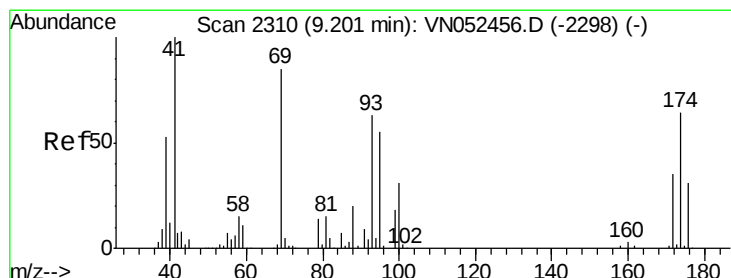
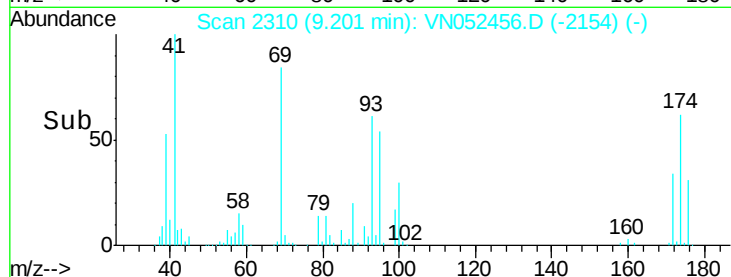
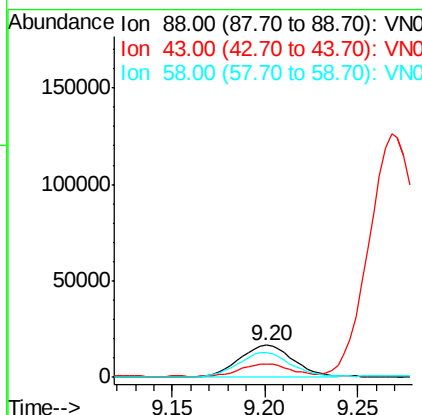
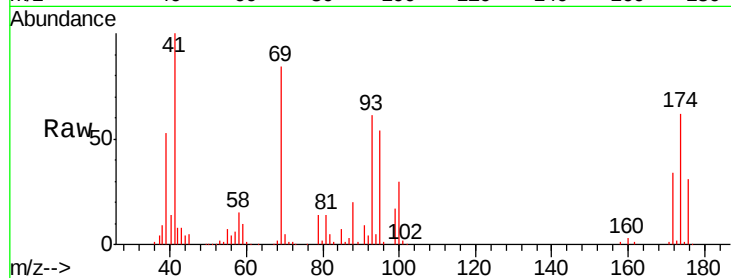
#45
 1,4-Dioxane
 Concen: 409.65 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 88 Resp: 34152
 Ion Ratio Lower Upper
 88 100
 43 36.9 29.5 44.3
 58 76.9 61.5 92.3

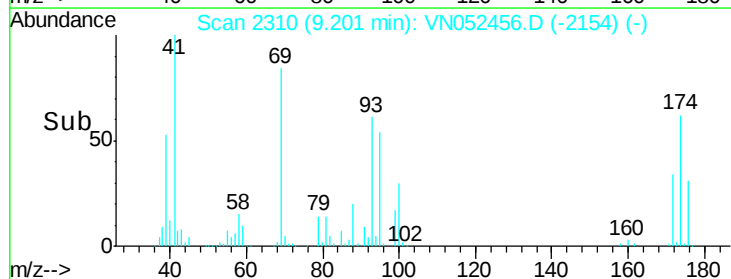
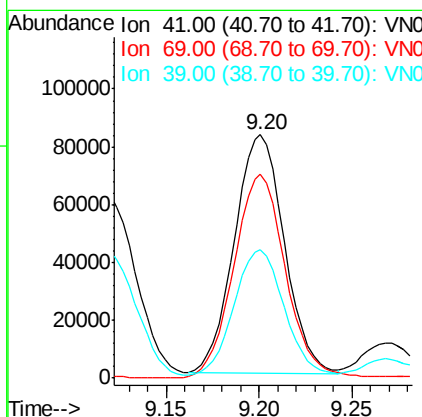
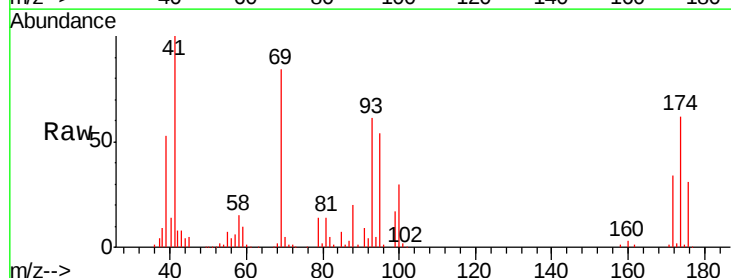
Manual Integrations
 APPROVED

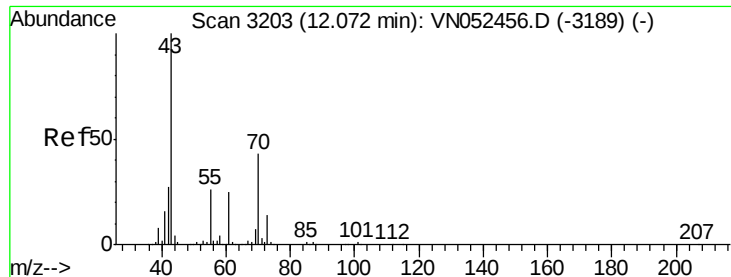
MMDadoda
 11/27/2018 3:52:10 PM



#46
 Methyl methacrylate
 Concen: 19.66 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion: 41 Resp: 155582
 Ion Ratio Lower Upper
 41 100
 69 85.1 42.5 127.6
 39 52.6 26.3 78.9





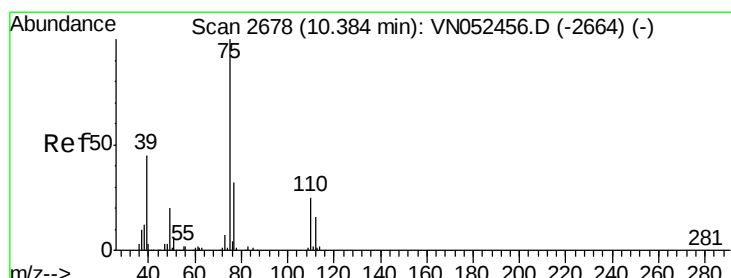
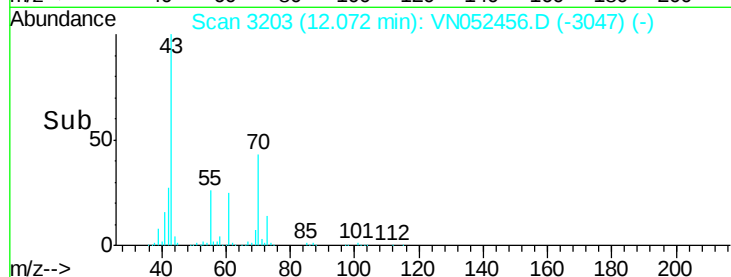
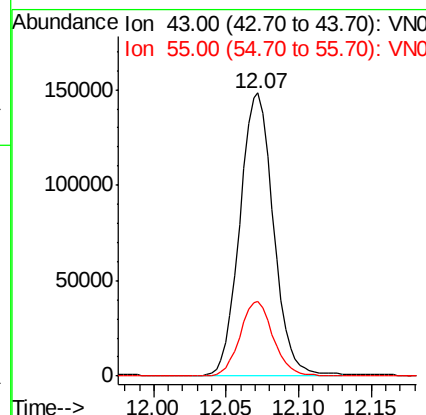
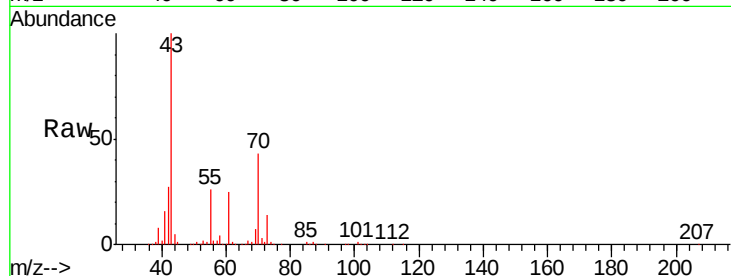
#47
n-amyl Acetate
Concen: 18.85 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
43	100		
55	26.4	21.1	31.7

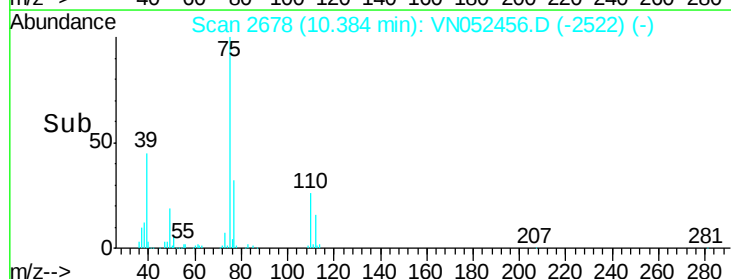
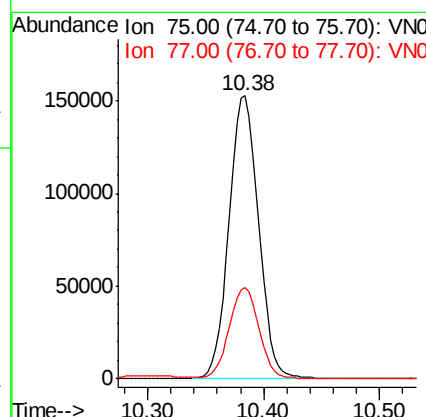
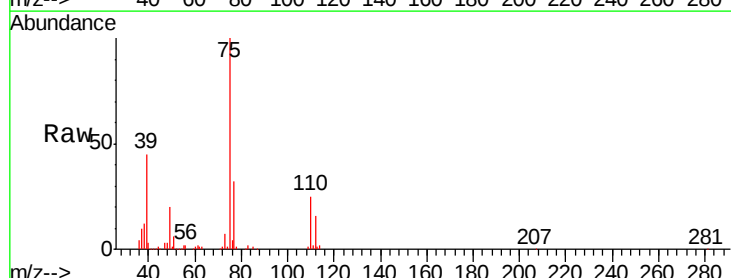
Manual Integrations
APPROVED

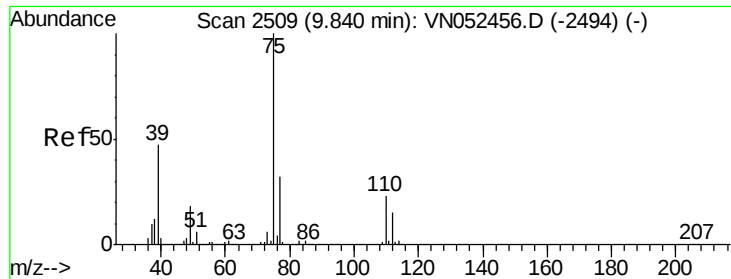
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#48
t-1,3-Dichloropropene
Concen: 18.89 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4





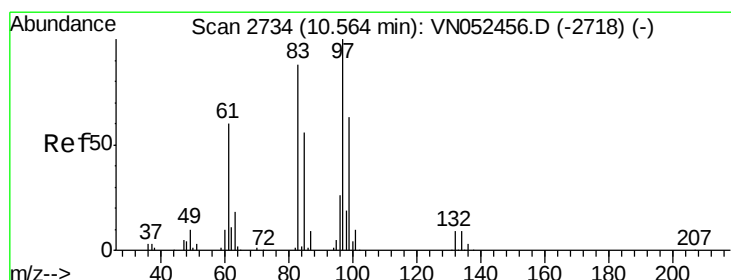
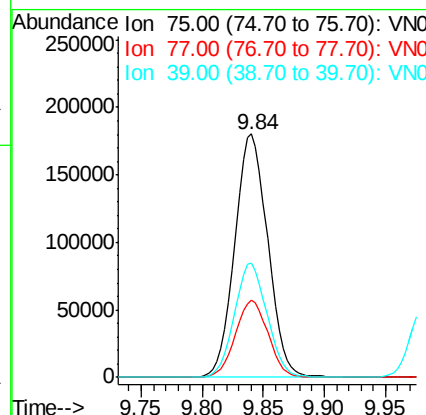
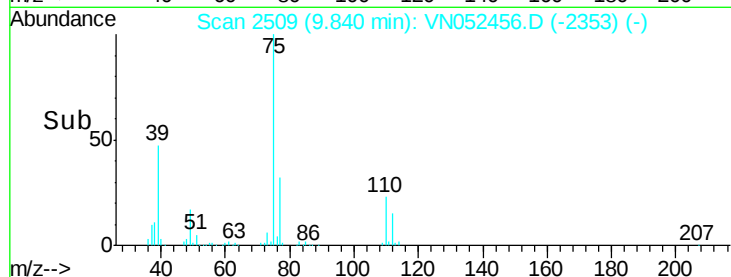
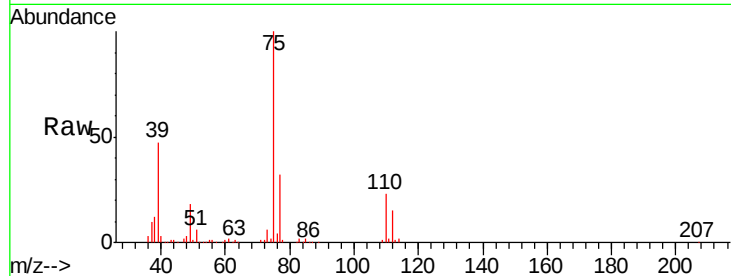
#49
 cis-1,3-Dichloropropene
 Concen: 19.53 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	46.6	37.3	55.9

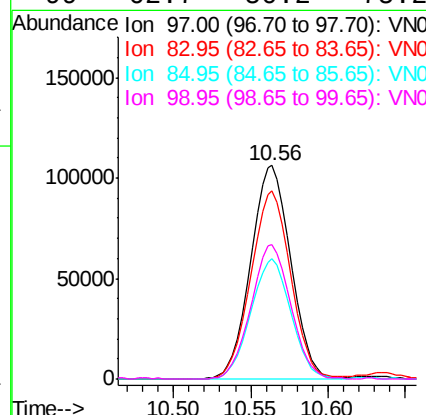
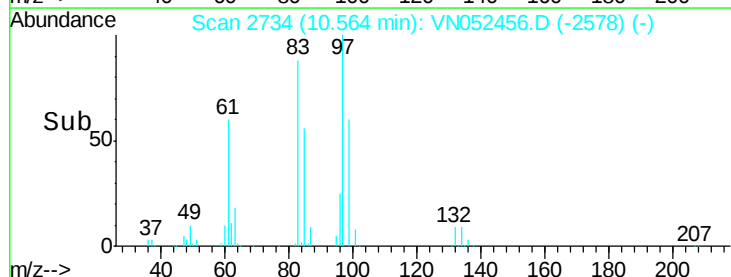
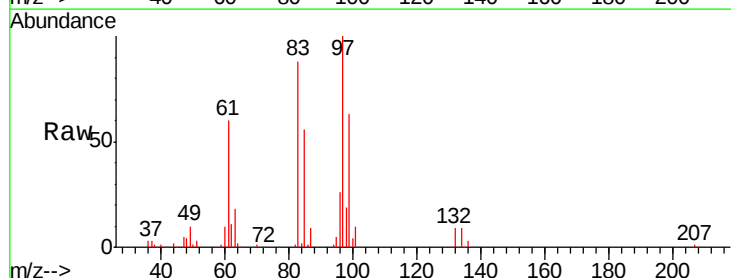
Manual Integrations
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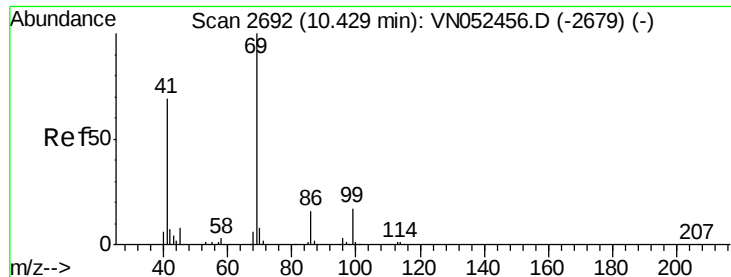
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#50
 1,1,2-Trichloroethane
 Concen: 20.36 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.4	105.6
85	56.3	45.0	67.6
99	62.7	50.2	75.2





#51

Ethyl methacrylate

Concen: 19.19 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

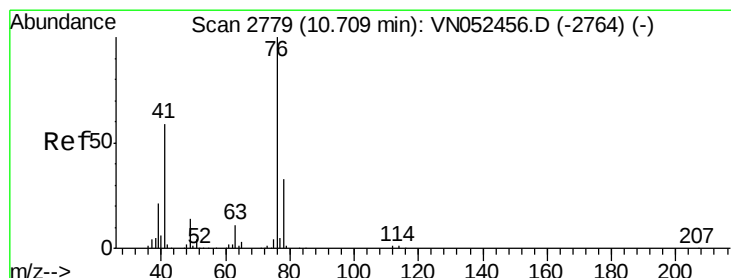
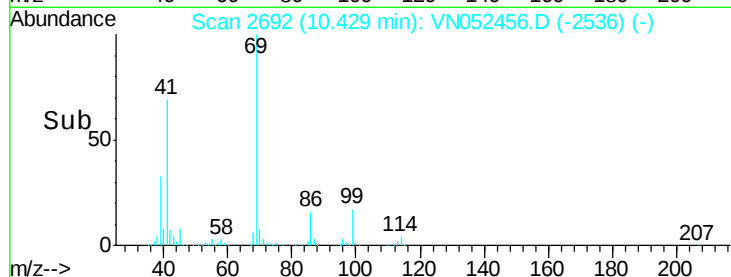
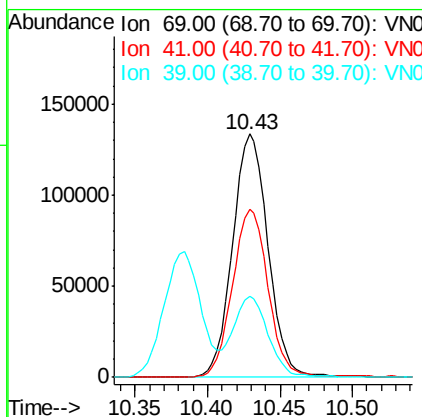
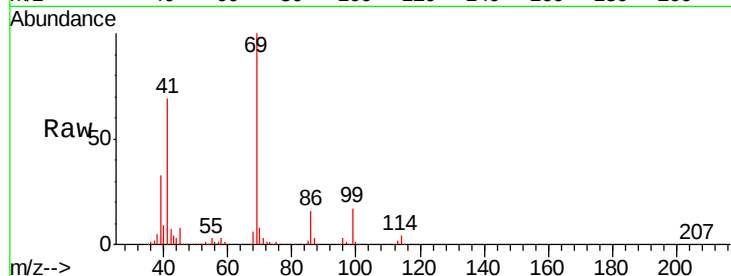
ClientSampleId :

VSTDICCC020

Tgt Ion:	69	Resp:	227194
Ion	Ratio	Lower	Upper
69	100		
41	68.9	34.4	103.3
39	32.8	16.4	49.2

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.08 ug/l

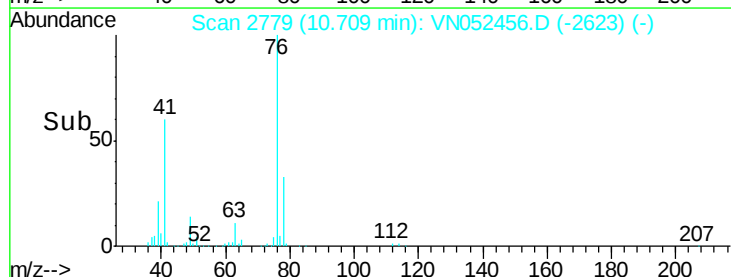
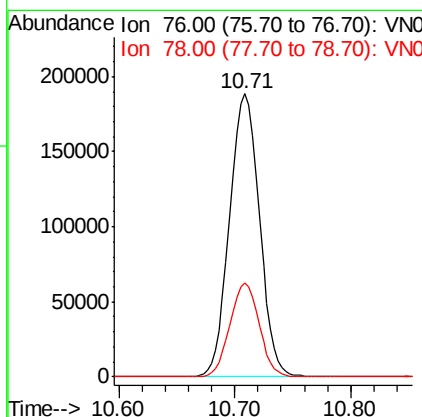
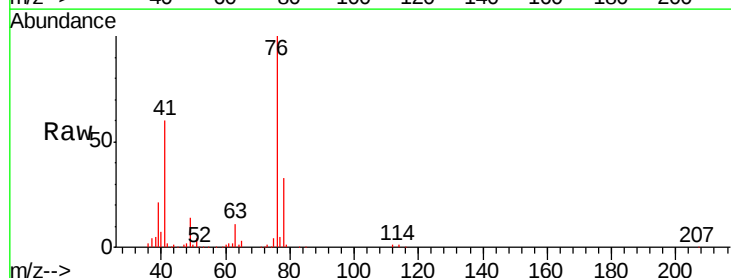
RT: 10.71 min Scan# 2779

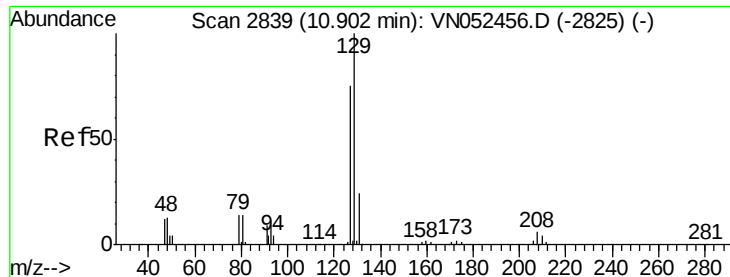
Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Tgt Ion:	76	Resp:	337016
Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	64.8





#53

Dibromochloromethane

Concen: 19.83 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:129 Resp: 205862

Ion Ratio Lower Upper

129 100

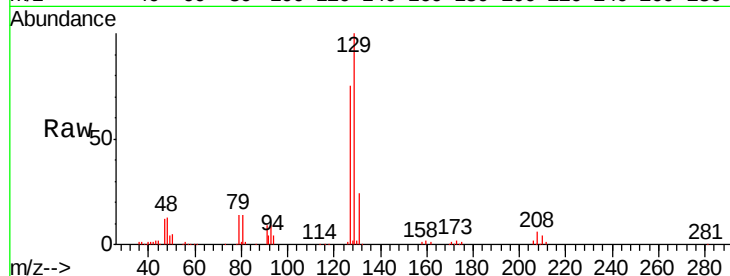
127 75.2 37.6 112.8

Manual Integrations

APPROVED

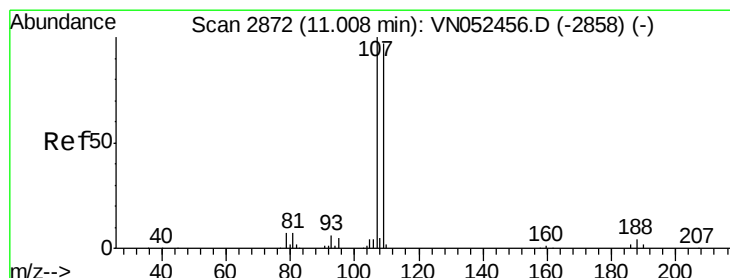
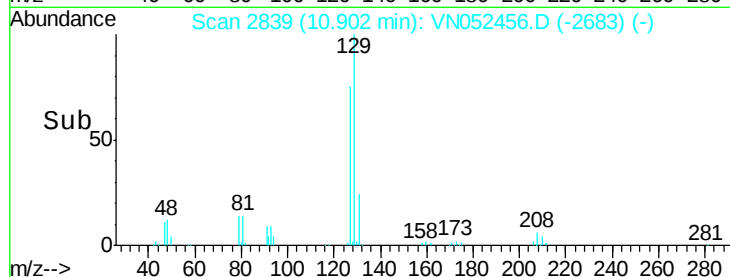
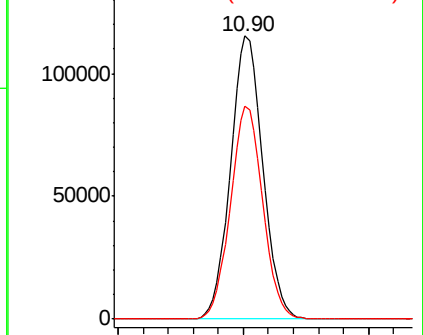
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.81 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052456.D

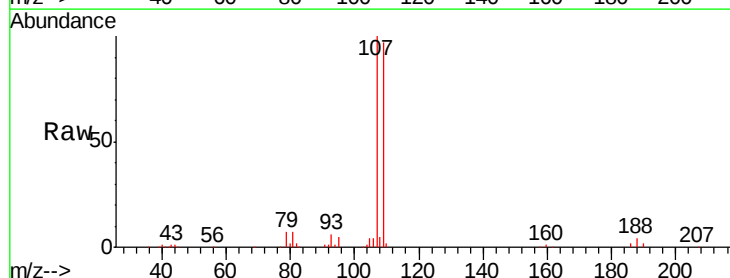
Acq: 26 Nov 2018 13:20

Tgt Ion:107 Resp: 182486

Ion Ratio Lower Upper

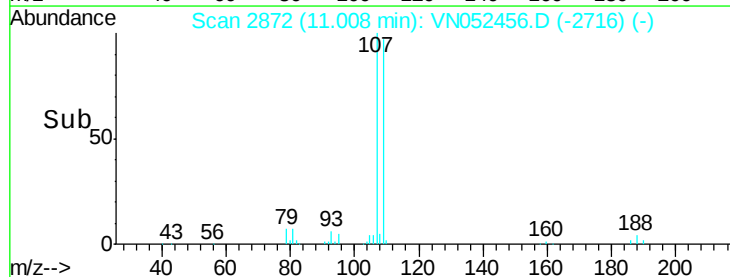
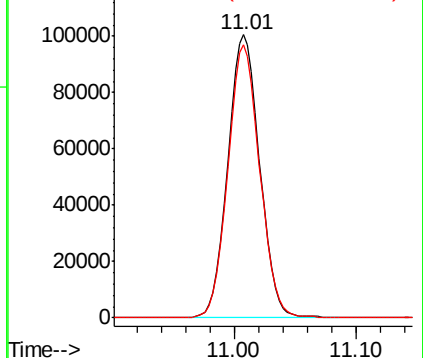
107 100

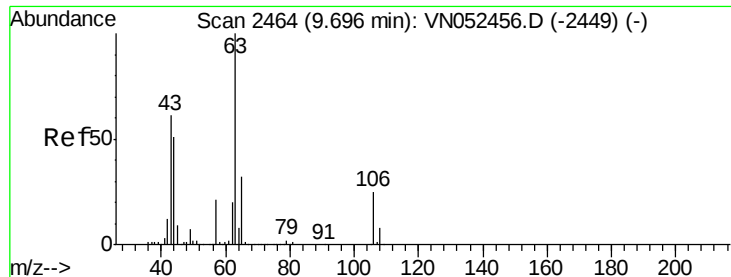
109 96.4 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





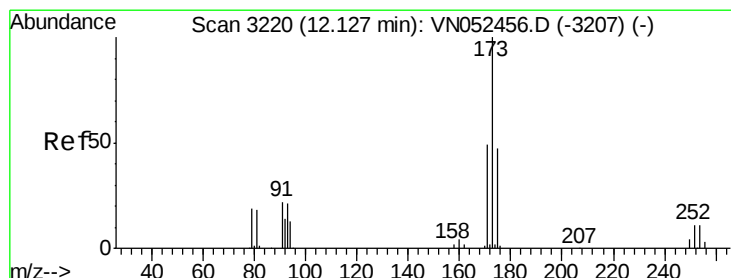
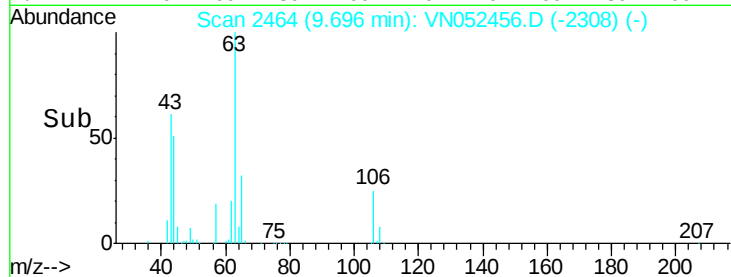
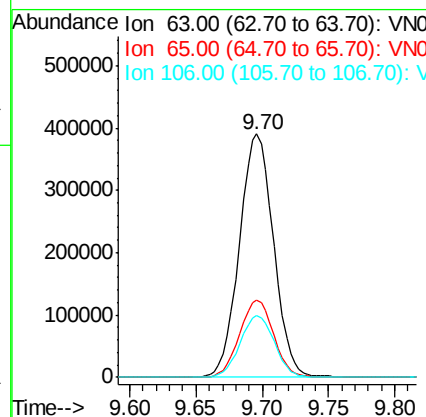
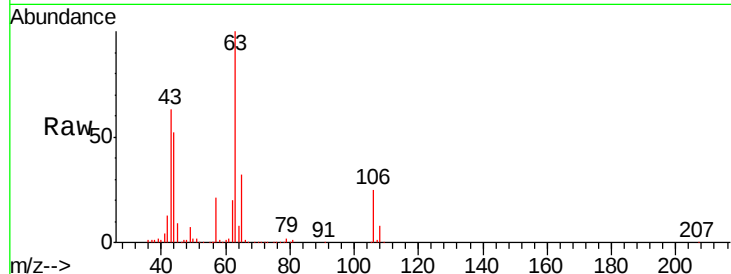
#55
 2-Chloroethyl vinyl ether
 Concen: 101.03 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.4	38.2
106	25.5	20.4	30.6

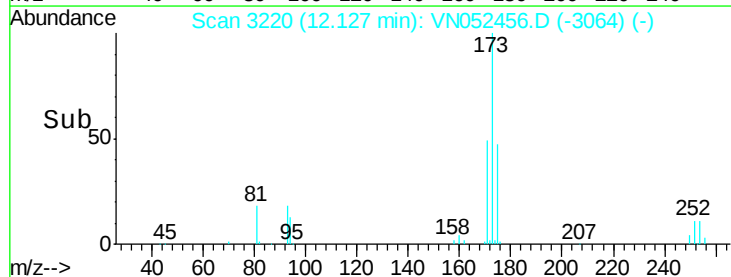
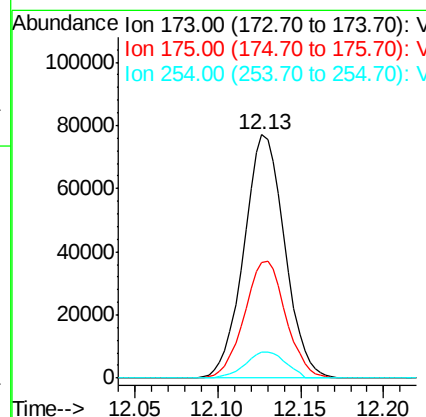
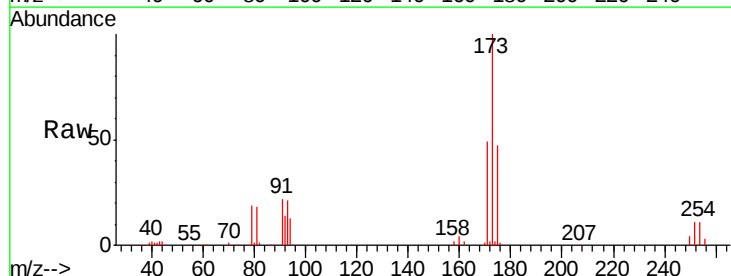
Manual Integrations
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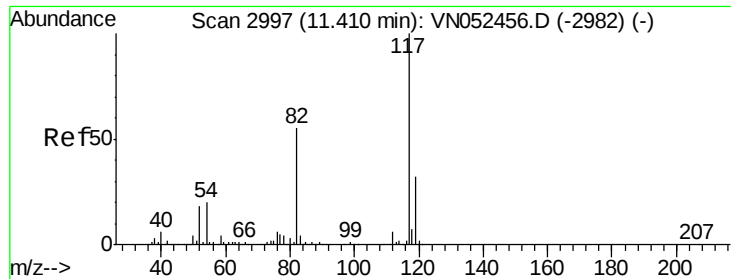
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#56
 Bromoform
 Concen: 19.45 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.7	58.1
254	10.5	8.4	12.6





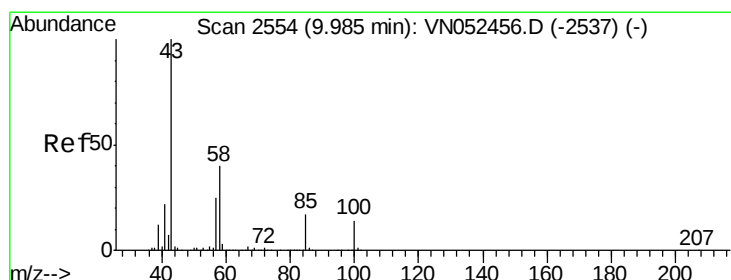
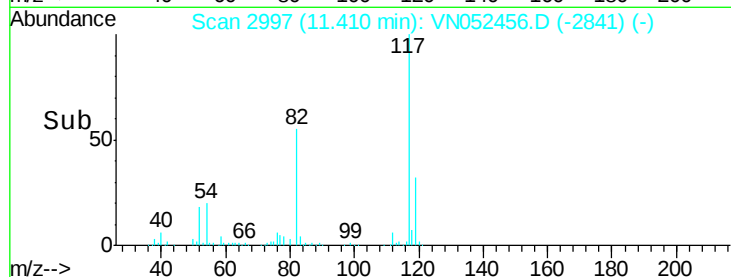
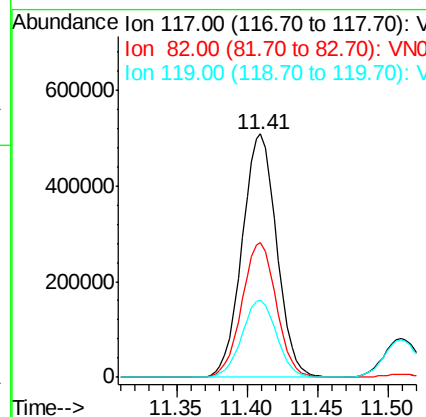
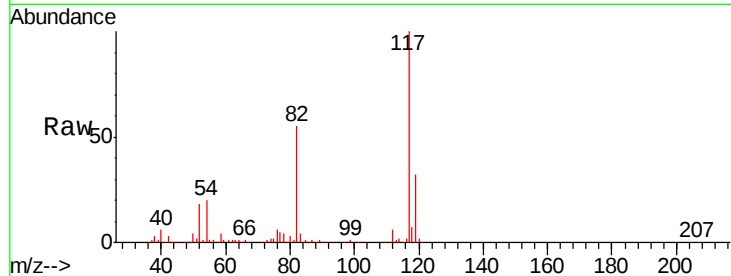
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.2	66.2
119	31.8	25.4	38.2

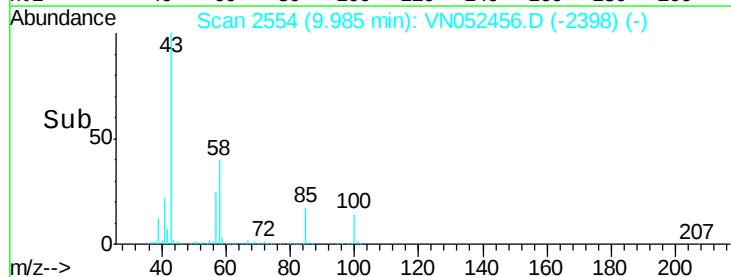
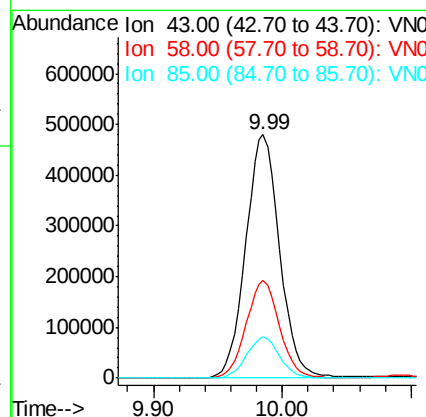
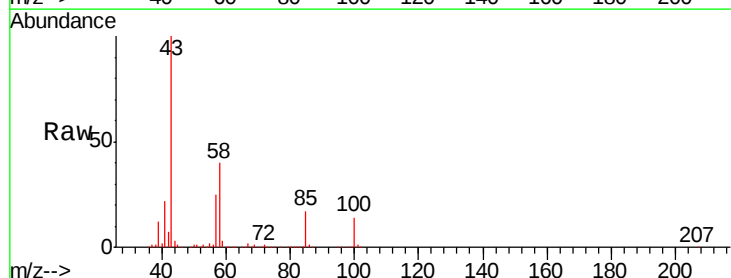
Manual Integrations
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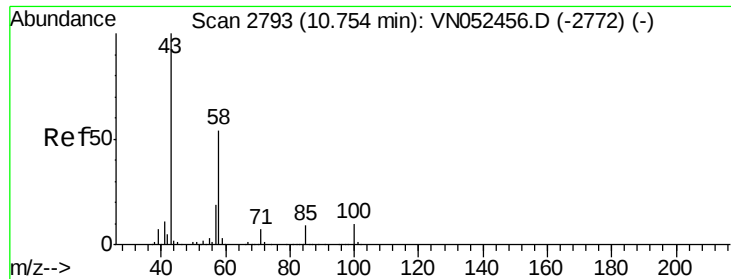
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#58
4-Methyl-2-Pentanone
Concen: 103.28 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.6	47.4
85	16.6	13.3	19.9





#59

2-Hexanone

Concen: 103.92 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

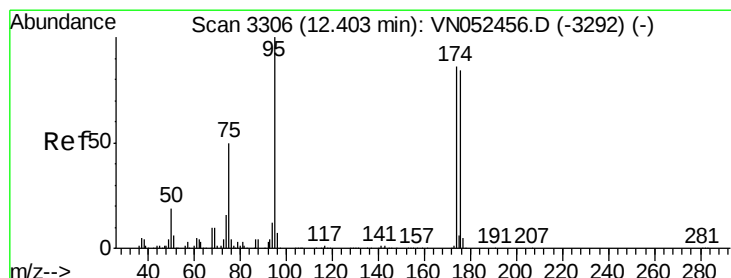
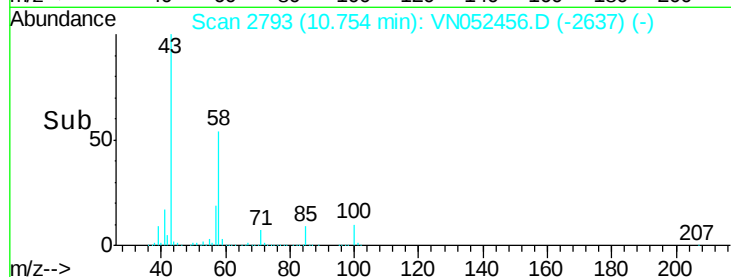
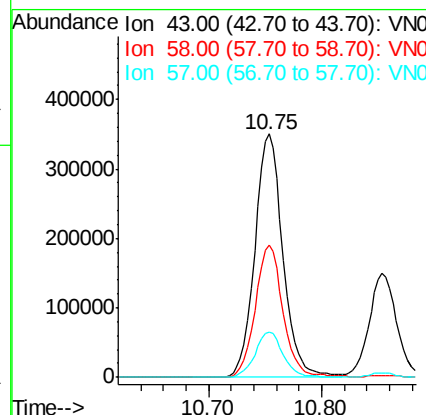
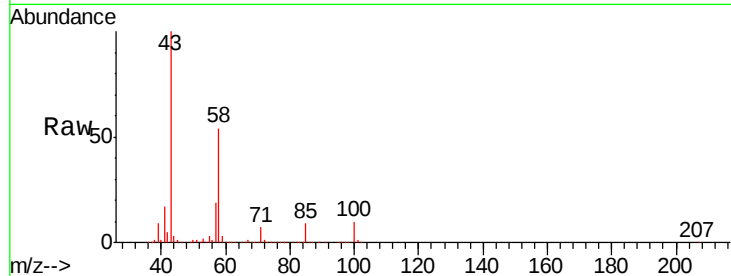
ClientSampleId :

VSTDICCC020

Tgt Ion:	43	Resp:	601610
Ion	Ratio	Lower	Upper
43	100		
58	54.0	43.2	64.8
57	18.6	14.9	22.3

Manual Integrations
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#60

4-Bromofluorobenzene

Concen: 103.92 ug/l

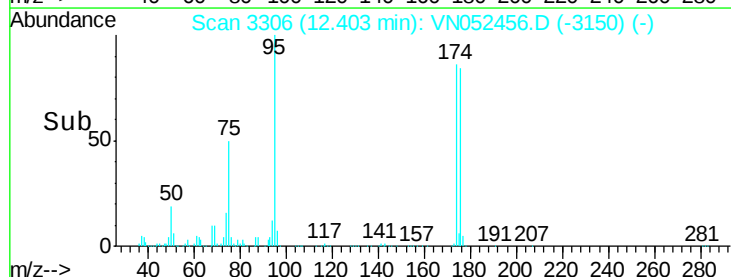
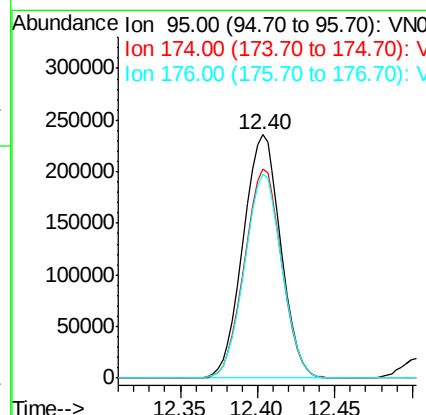
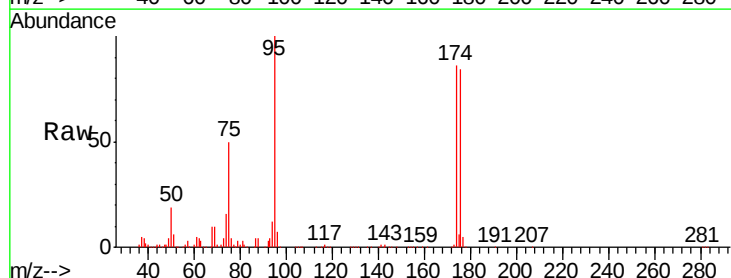
RT: 12.40 min Scan# 3306

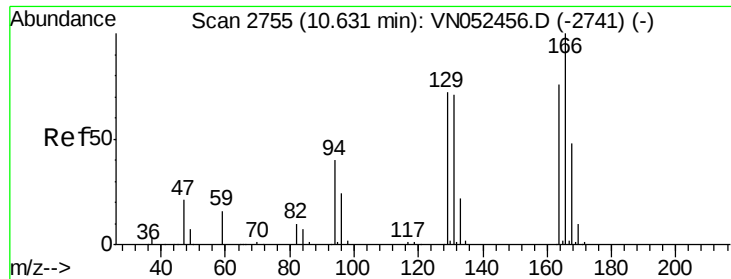
Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Tgt Ion:	95	Resp:	399868
Ion	Ratio	Lower	Upper
95	100		
174	84.9	67.9	101.9
176	83.0	66.4	99.6





#61

Tetrachloroethene

Concen: 20.55 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 164 Resp: 221218

Ion Ratio Lower Upper

164 100

166 130.8 104.6 157.0

129 94.1 75.3 112.9

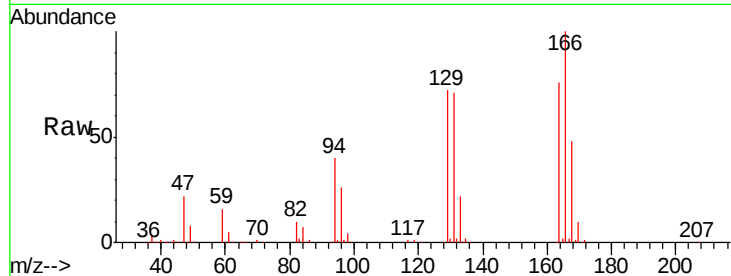
131 92.9 74.3 111.5

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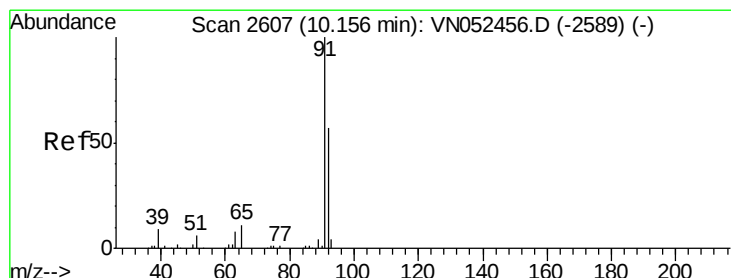
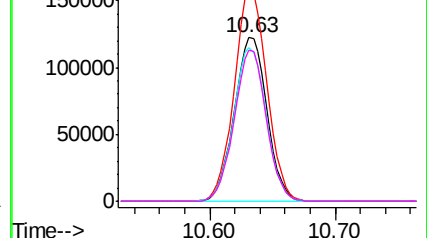
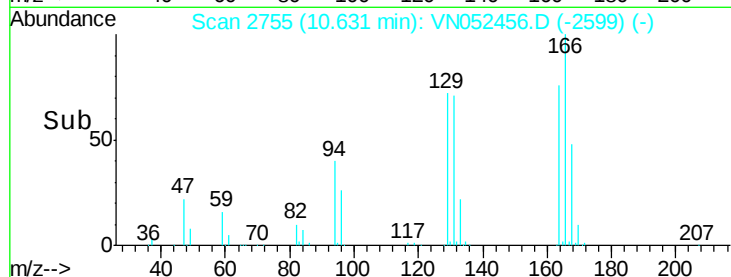


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.26 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052456.D

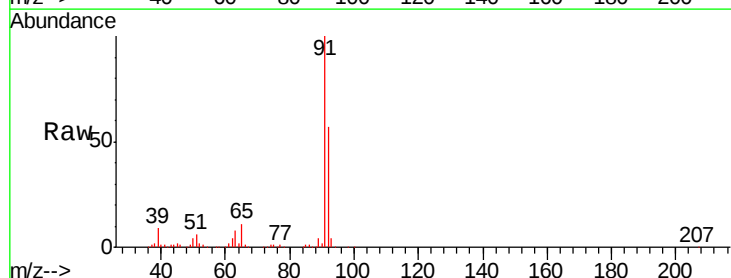
Acq: 26 Nov 2018 13:20

Tgt Ion: 91 Resp: 976075

Ion Ratio Lower Upper

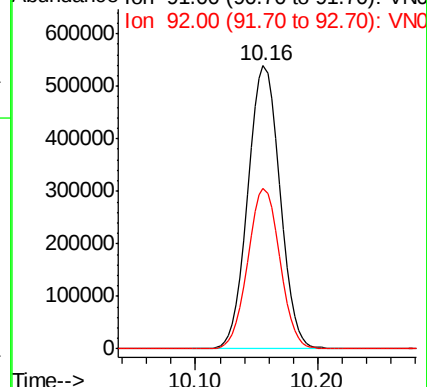
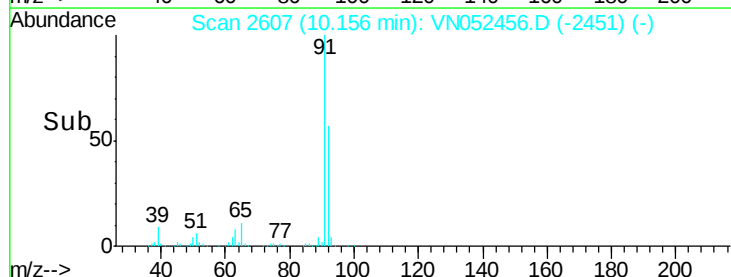
91 100

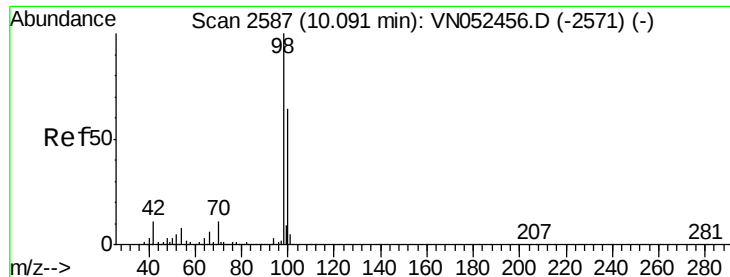
92 56.8 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





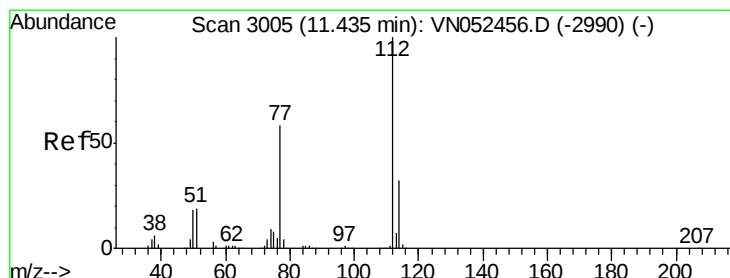
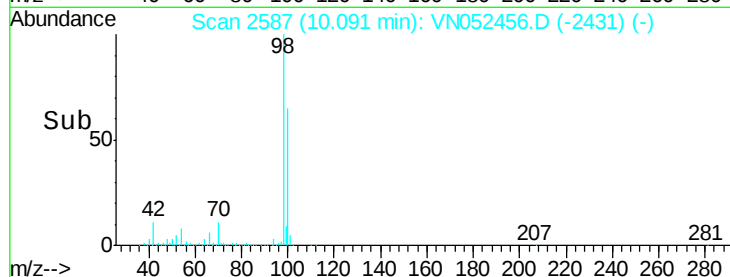
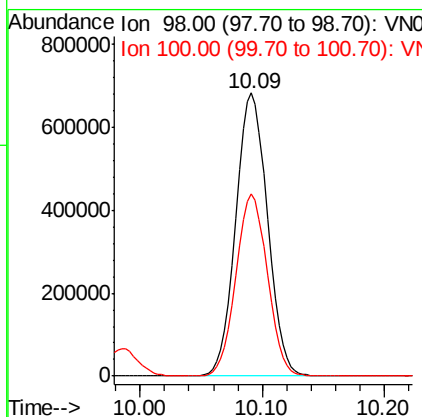
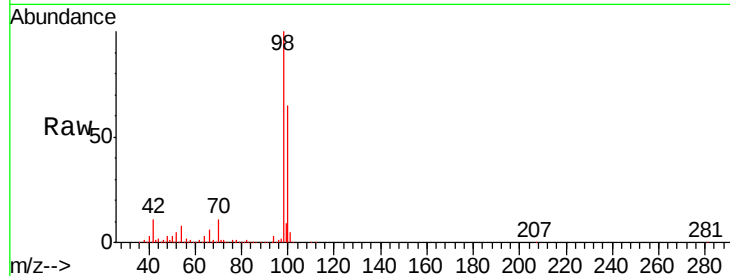
#63
Toluene-d8
Concen: 20.26 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 98 Resp: 1230565
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

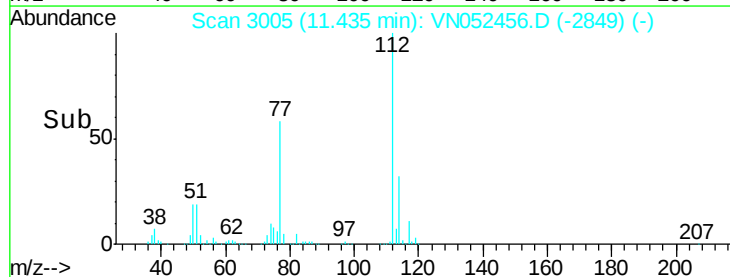
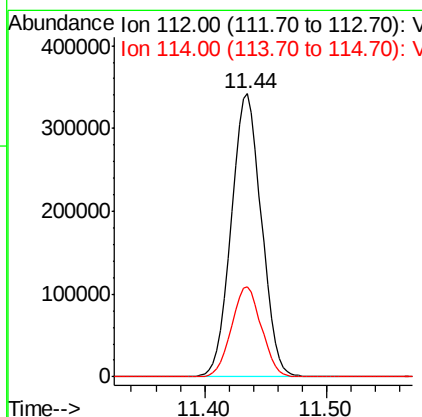
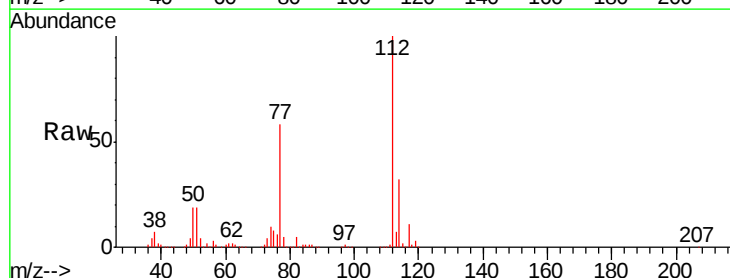
Manual Integrations
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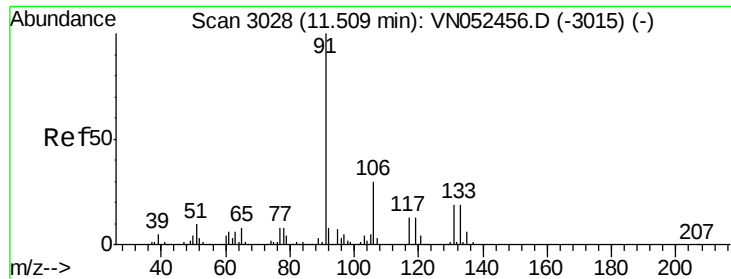
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#64
Chlorobenzene
Concen: 19.98 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion: 112 Resp: 587610
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4





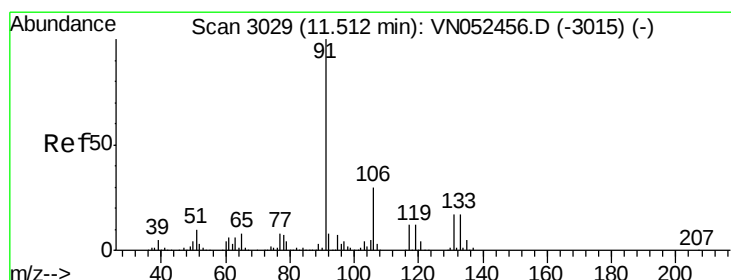
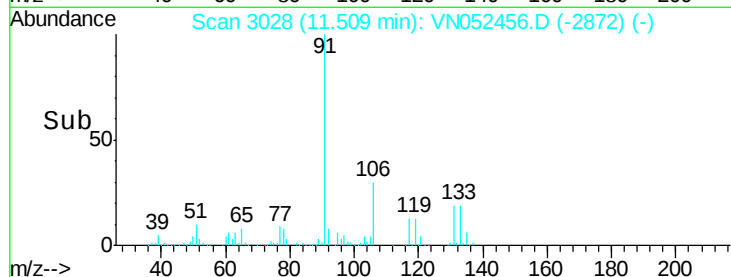
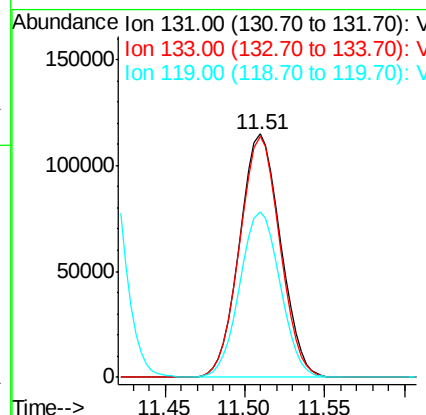
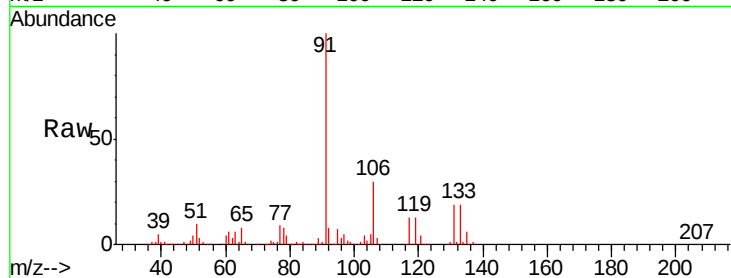
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.72 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	201288		
133	96.7	0.0	193.4	
119	66.5	0.0	133.0	

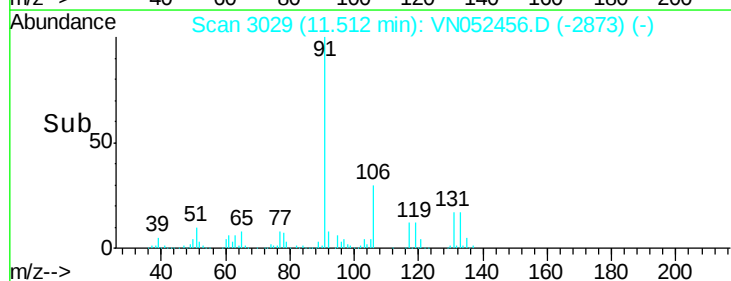
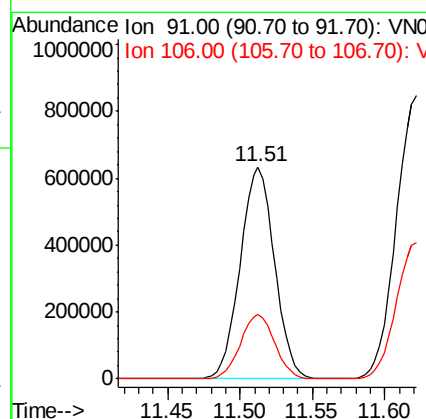
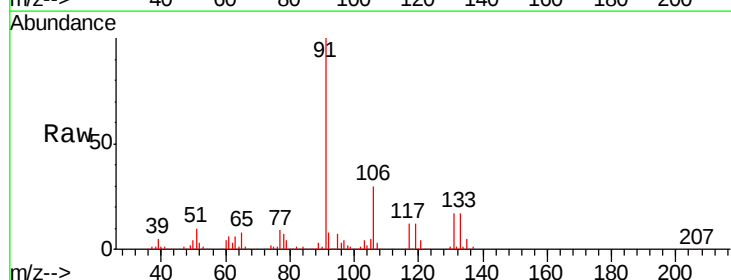
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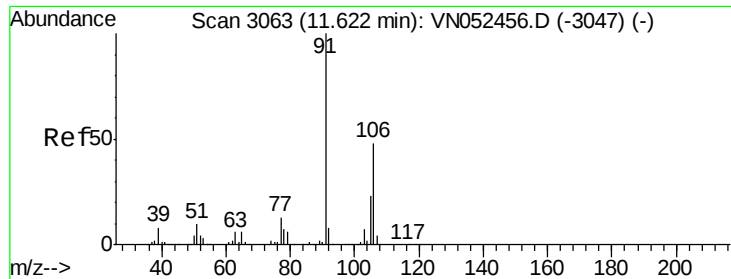
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#66
 Ethyl Benzene
 Concen: 20.06 ug/l
 RT: 11.51 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1041645		
106	30.4	24.3	36.5	





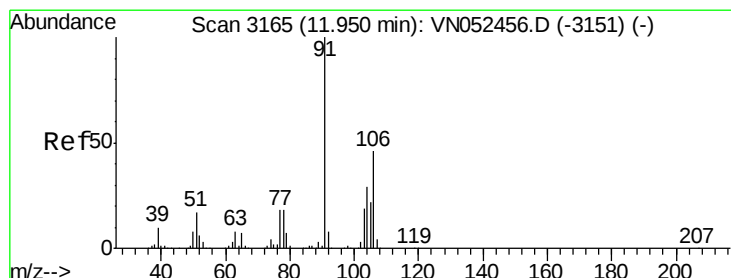
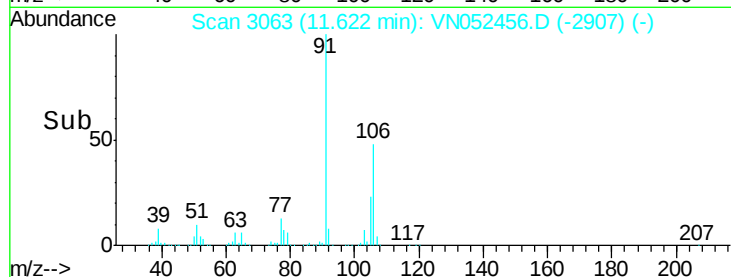
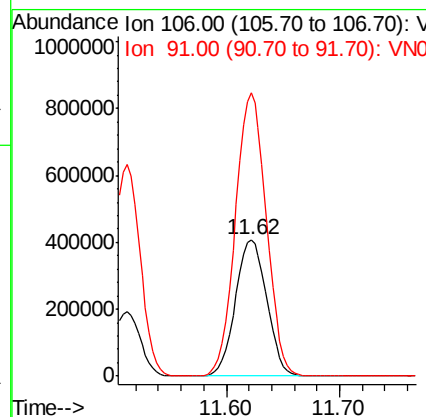
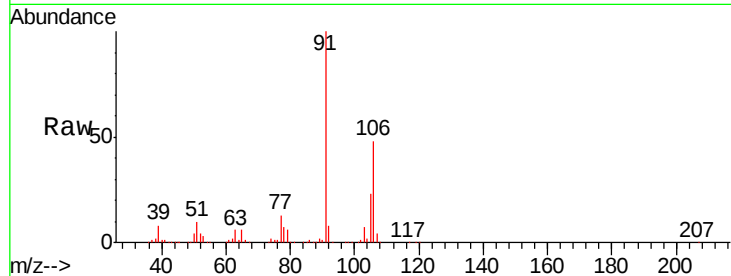
#67
m/p-Xylenes
Concen: 40.54 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 784477
Ion Ratio Lower Upper
106 100
91 204.9 163.9 245.9

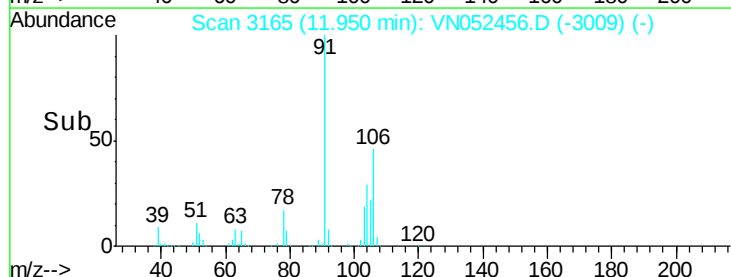
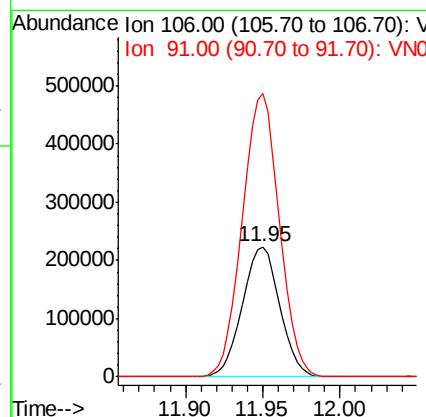
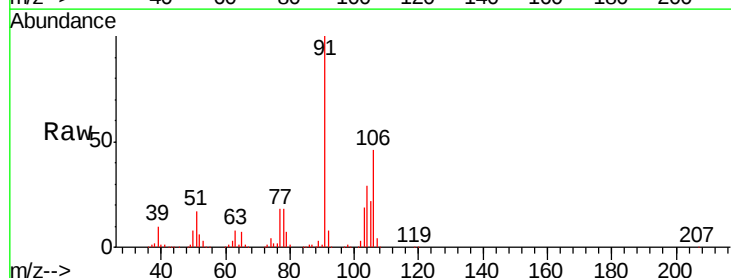
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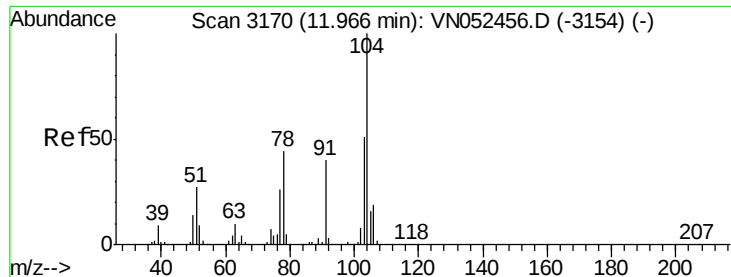
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#68
o-Xylene
Concen: 20.07 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion:106 Resp: 376998
Ion Ratio Lower Upper
106 100
91 215.6 107.8 323.4





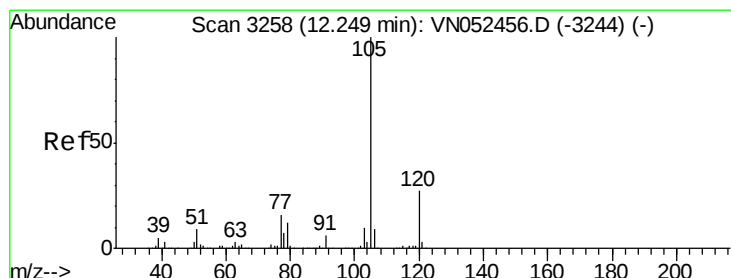
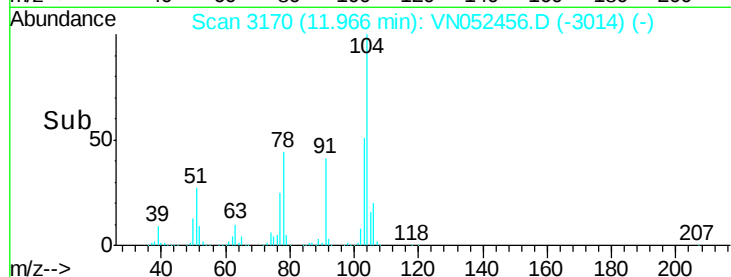
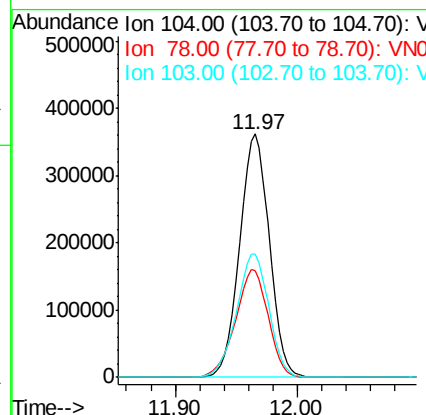
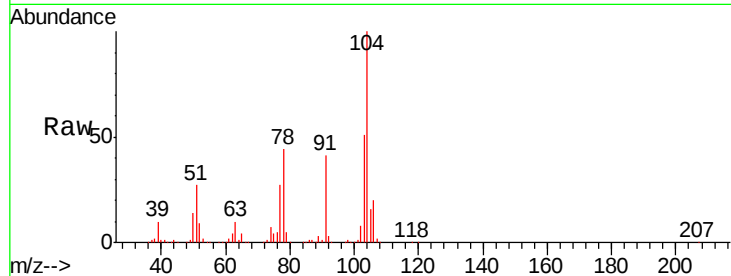
#69
Styrene
Concen: 20.08 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	608624		
78	49.1	39.3	58.9	
103	55.7	44.6	66.8	

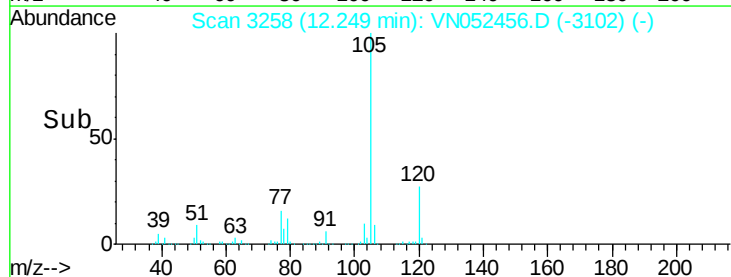
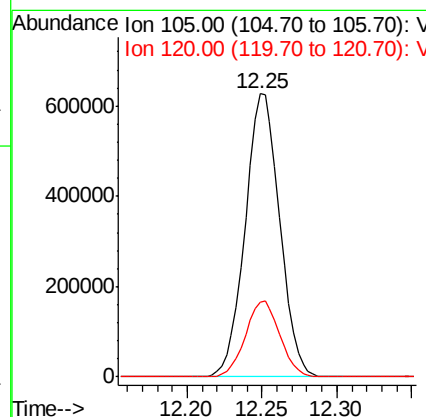
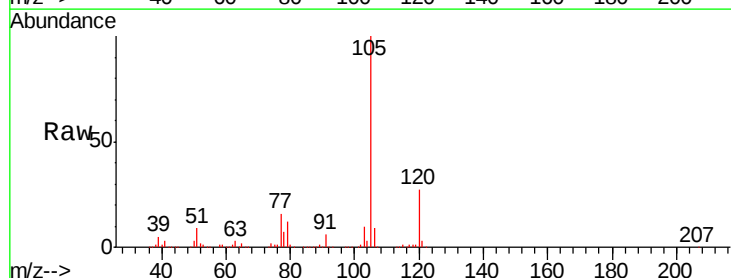
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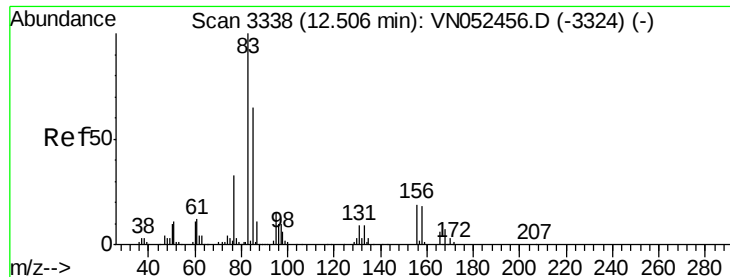
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#70
Isopropylbenzene
Concen: 20.14 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1006467		
120	26.6	18.6	34.6	





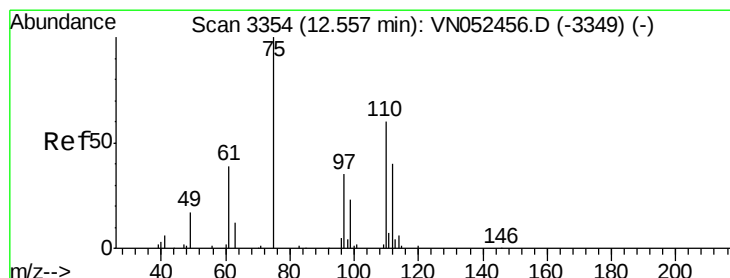
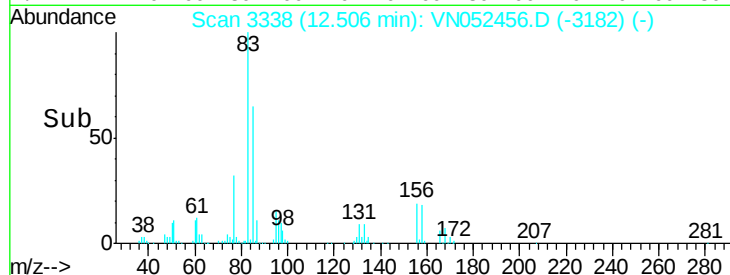
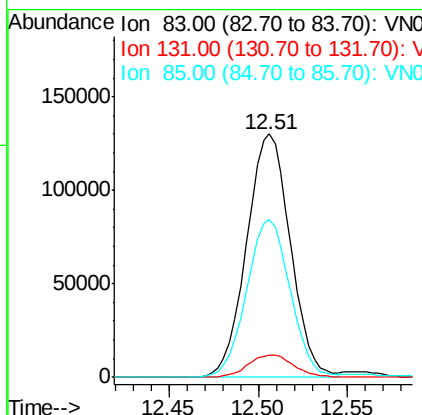
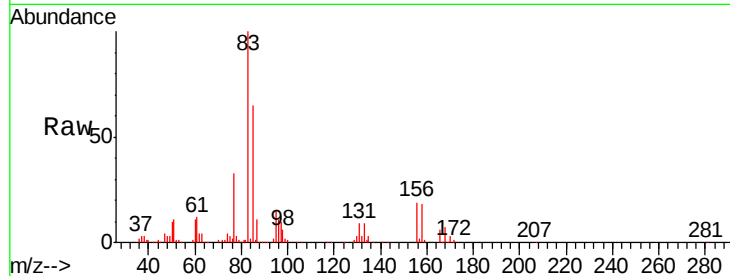
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.51 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	222989		
131	9.7	4.9	14.6	
85	64.4	32.2	96.6	

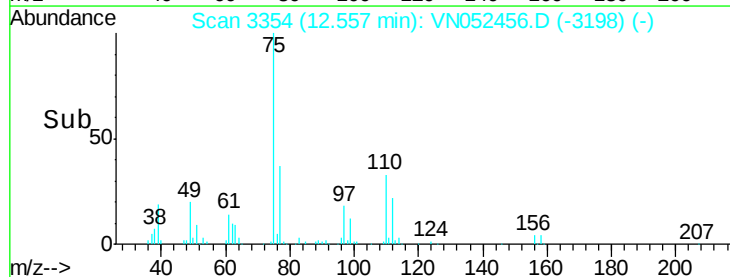
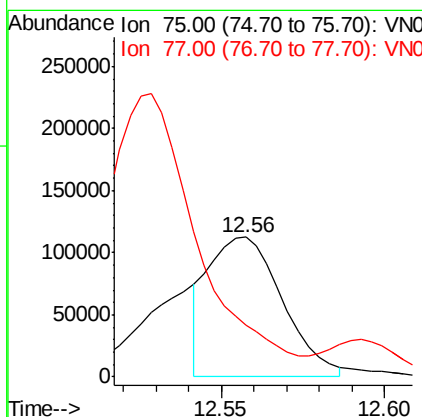
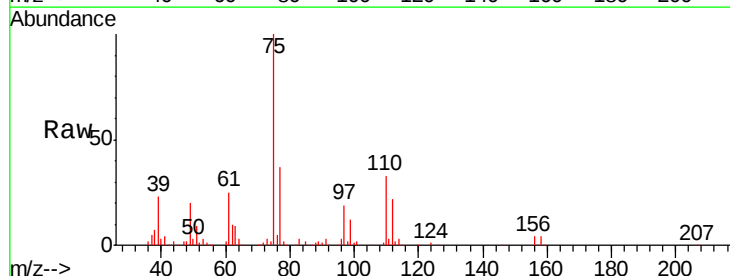
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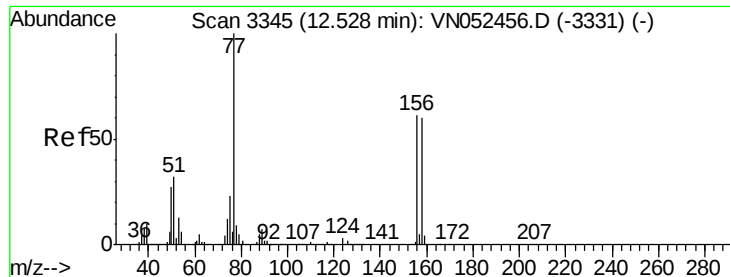
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#72
 1,2,3-Trichloropropane
 Concen: 19.64 ug/l m
 RT: 12.56 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	178263		
77	257.4	0.0	514.8	





#73

Bromobenzene

Concen: 19.84 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

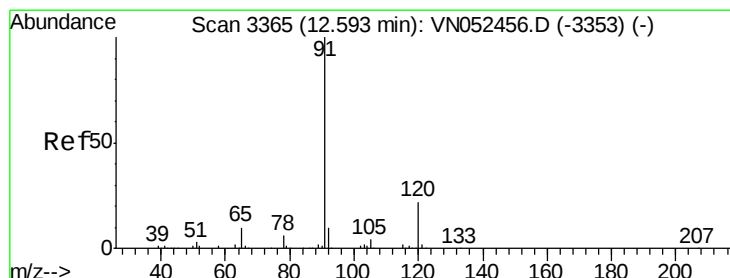
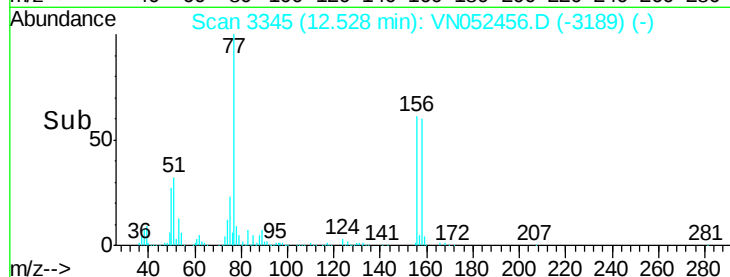
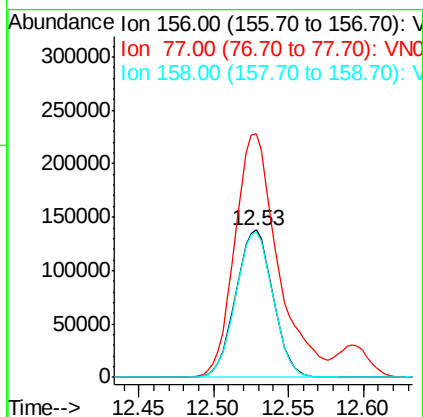
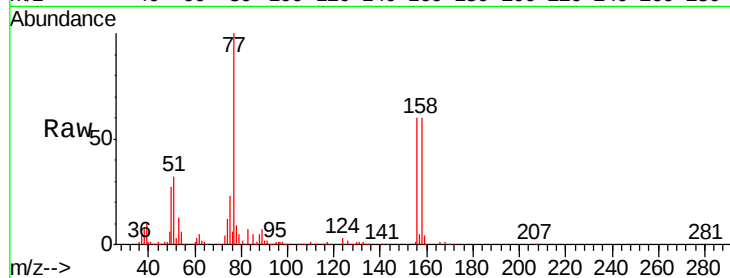
ClientSampleId :

VSTDICCC020

Tgt Ion:	156	Resp:	239800
Ion Ratio	Lower	Upper	
156	100		
77	191.3	0.0	382.6
158	98.4	0.0	196.8

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#74

n-propylbenzene

Concen: 20.30 ug/l

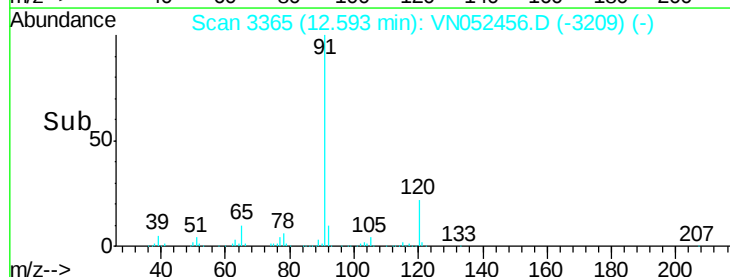
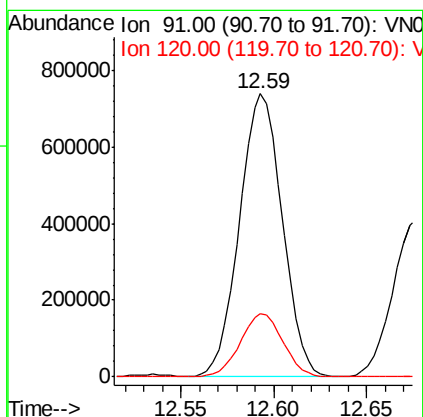
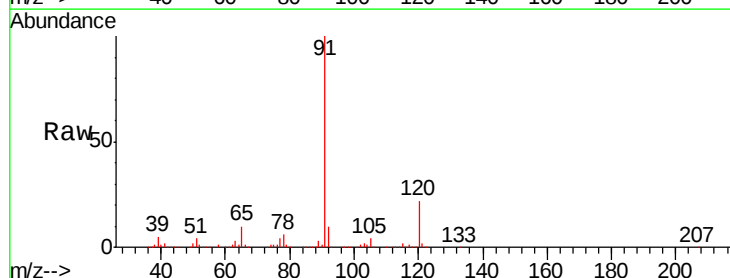
RT: 12.59 min Scan# 3365

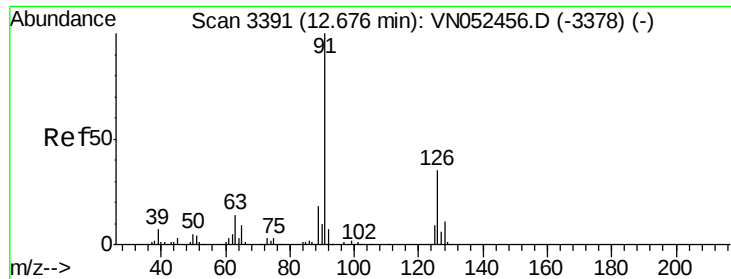
Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Tgt Ion:	91	Resp:	1181733
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	44.6





#75

2-Chlorotoluene

Concen: 20.29 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 91 Resp: 685561

Ion Ratio Lower Upper

91 100

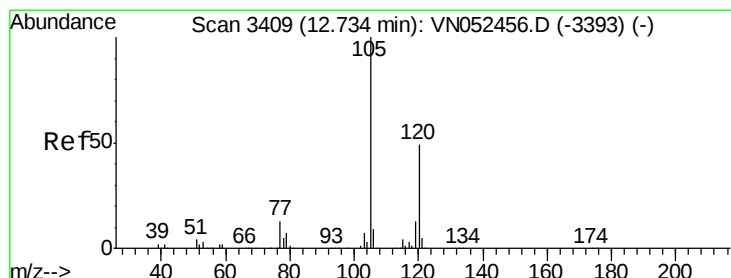
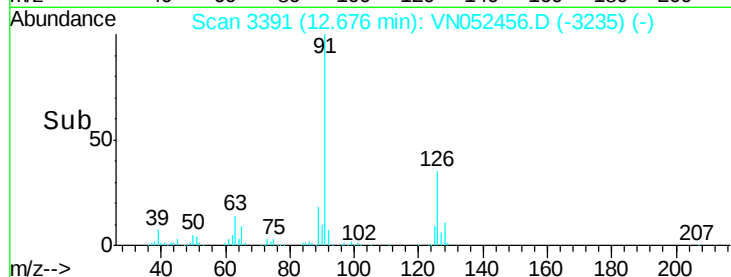
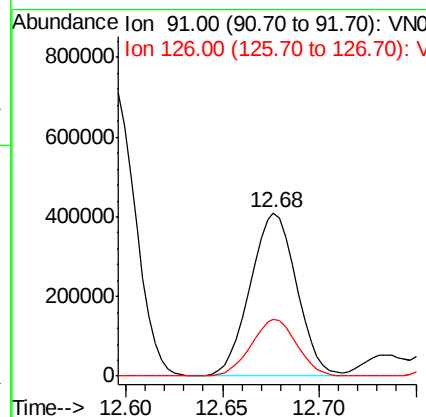
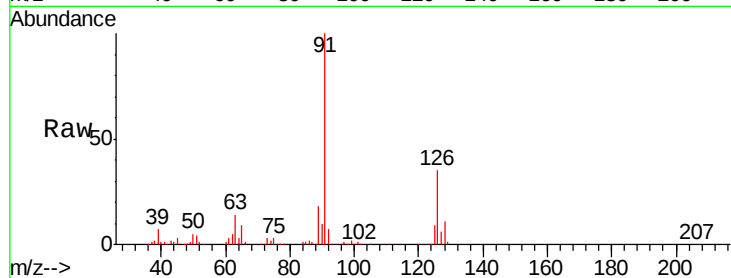
126 34.2 0.0 68.4

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#76

1,3,5-Trimethylbenzene

Concen: 20.36 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052456.D

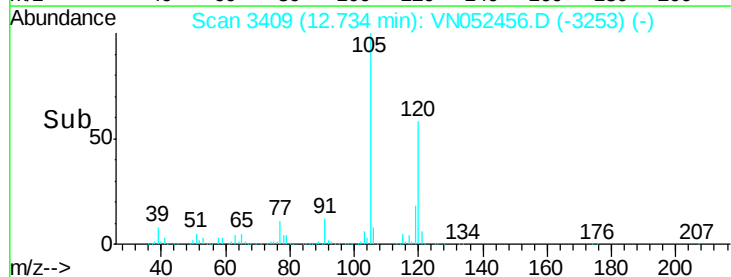
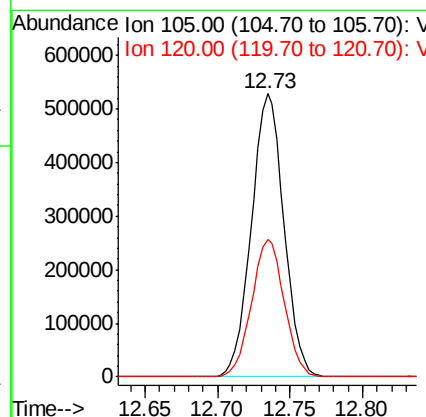
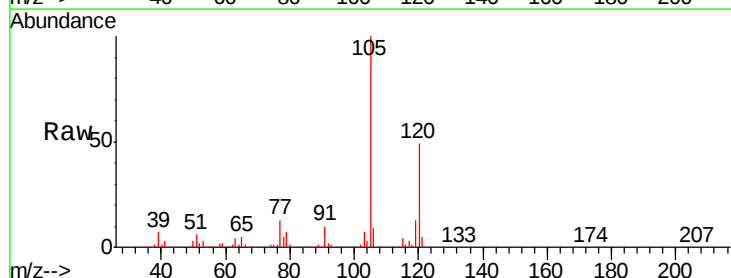
Acq: 26 Nov 2018 13:20

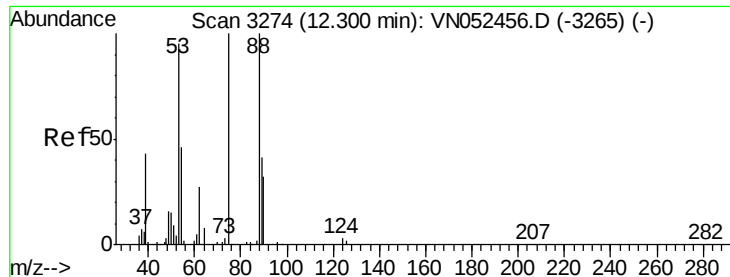
Tgt Ion: 105 Resp: 821831

Ion Ratio Lower Upper

105 100

120 48.7 0.0 97.4





#77

t-1,4-Dichloro-2-butene

Concen: 18.92 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 55777
Ion Ratio Lower Upper

75 100

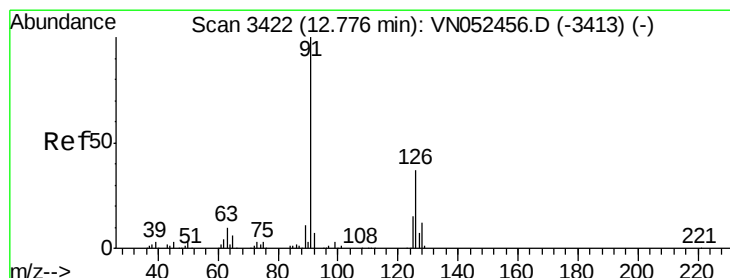
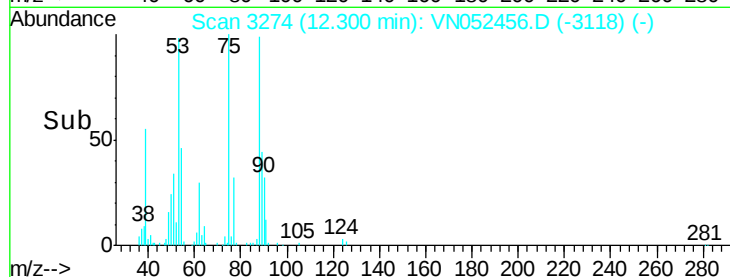
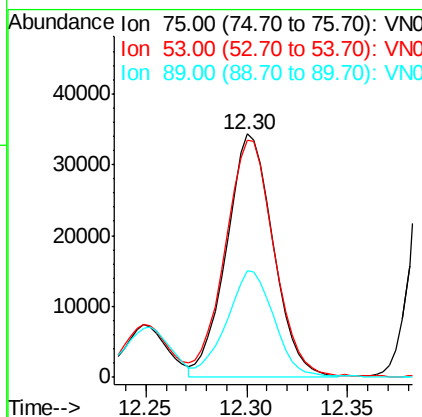
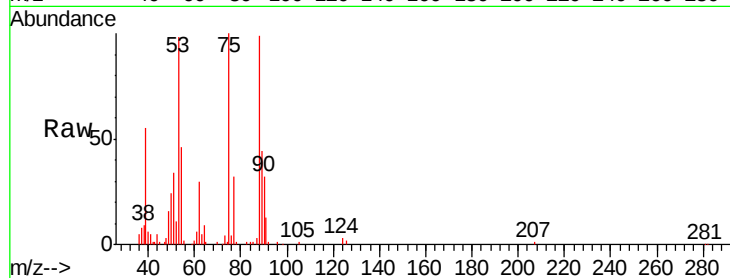
53 97.1 48.5 145.6

89 43.4 21.7 65.1

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#78

4-Chlorotoluene

Concen: 20.15 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

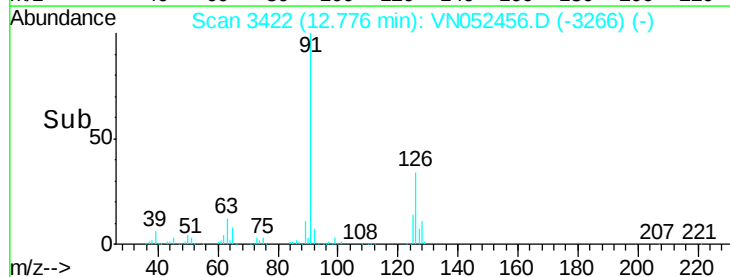
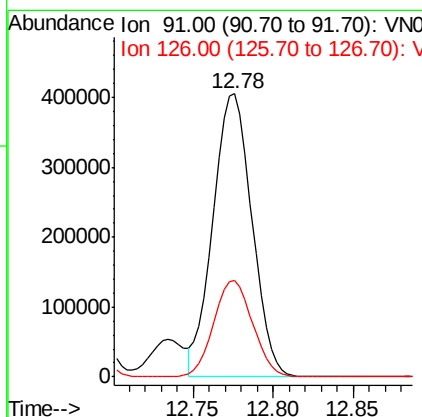
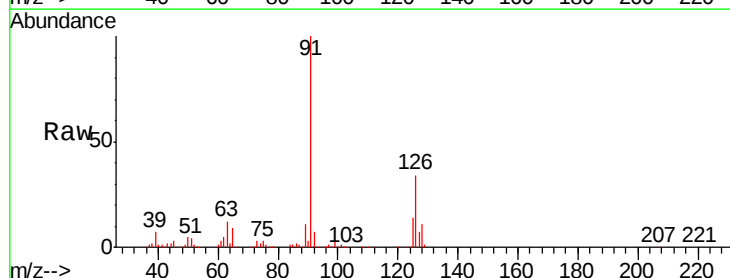
Lab File: VN052456.D

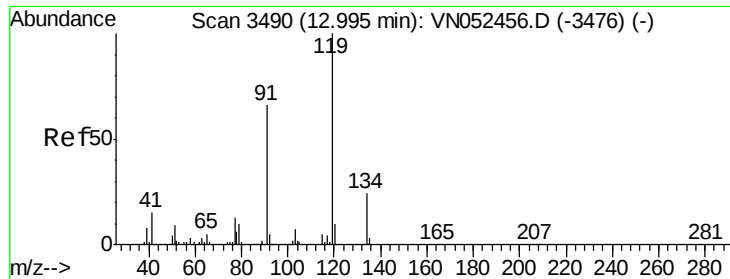
Acq: 26 Nov 2018 13:20

Tgt Ion: 91 Resp: 679943
Ion Ratio Lower Upper

91 100

126 34.1 0.0 68.2





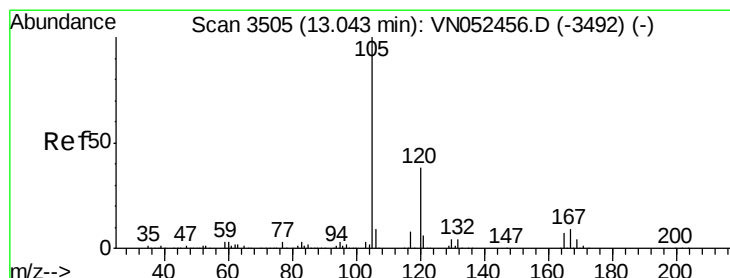
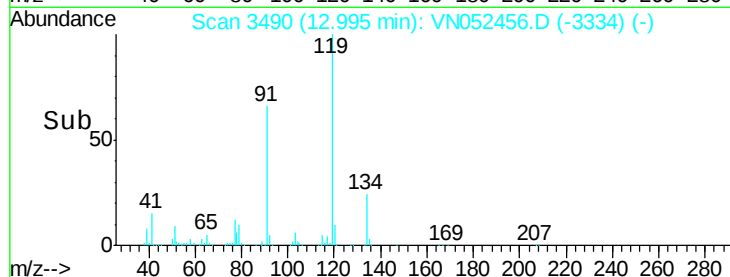
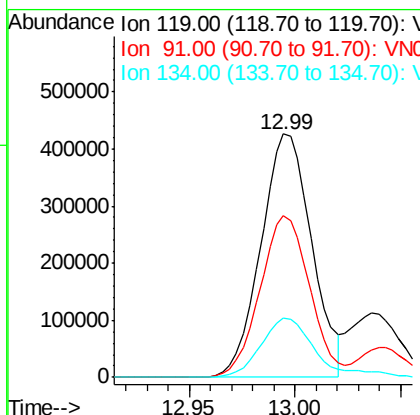
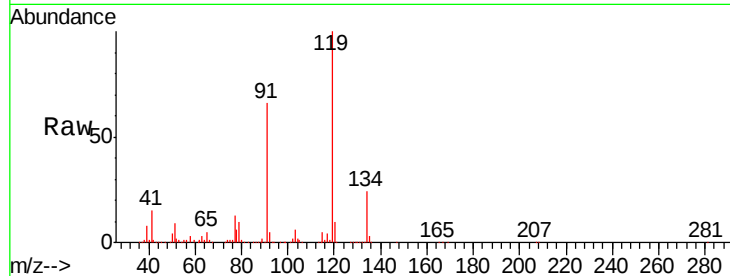
#79
tert-butylbenzene
Concen: 20.37 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	715863		
91	64.9	0.0	129.8	
134	26.1	0.0	52.2	

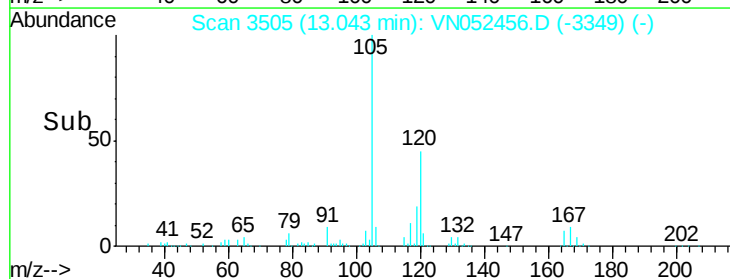
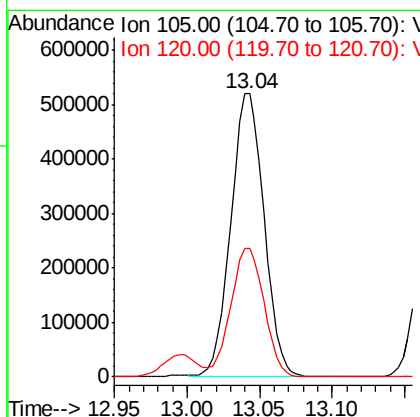
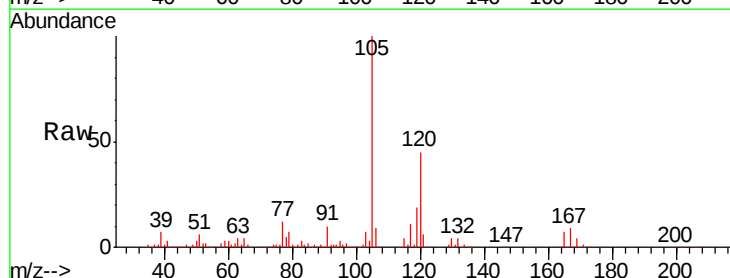
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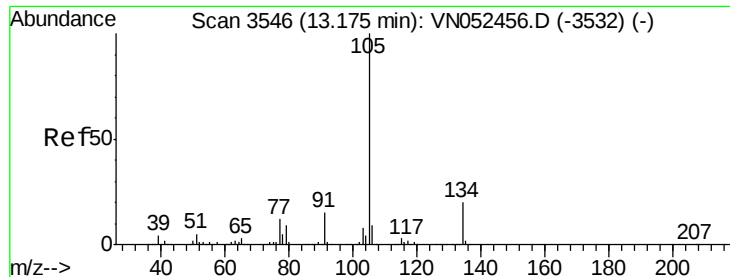
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#80
1,2,4-Trimethylbenzene
Concen: 20.50 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	827858		
120	45.5	0.0	91.0	





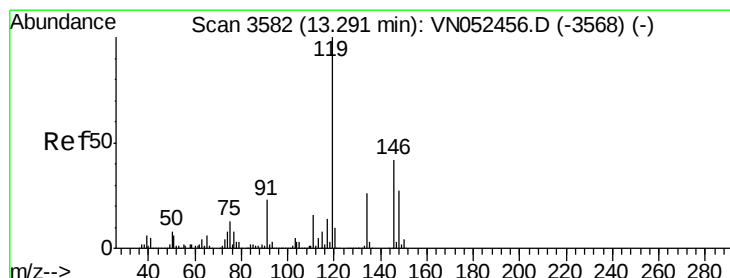
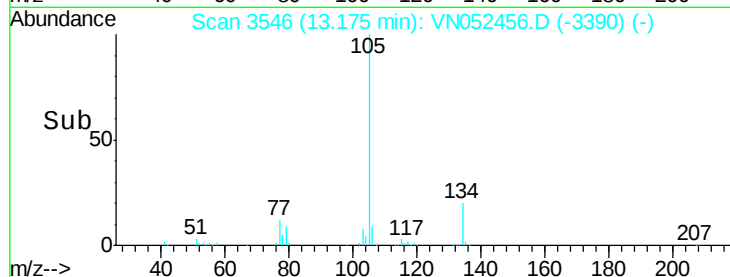
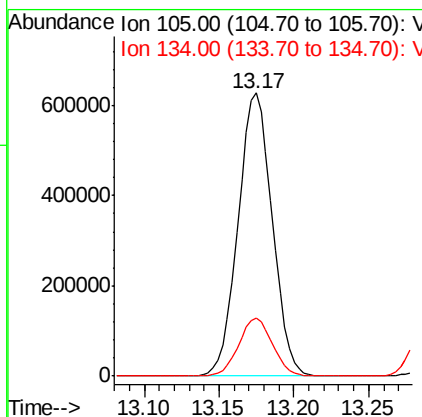
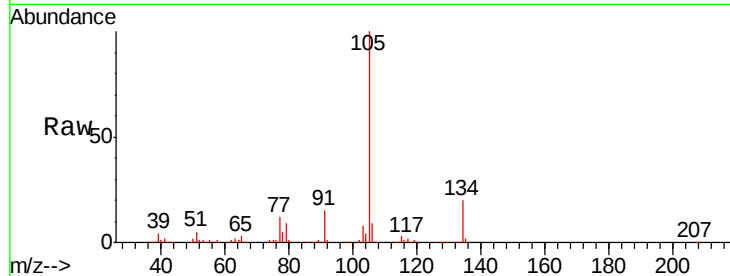
#81
 sec-Butylbenzene
 Concen: 20.30 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	993926		
134	20.2	0.0	40.4	

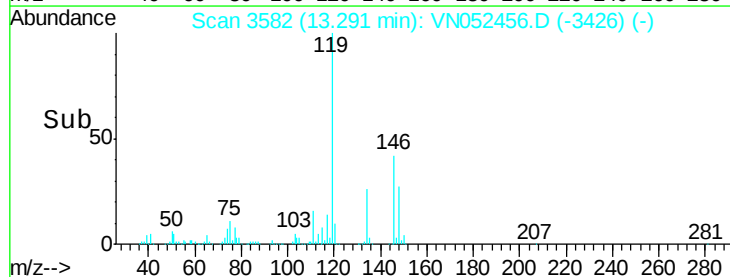
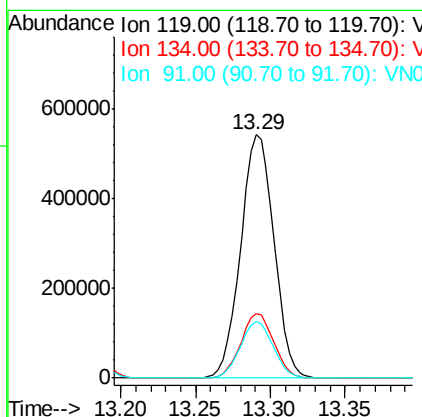
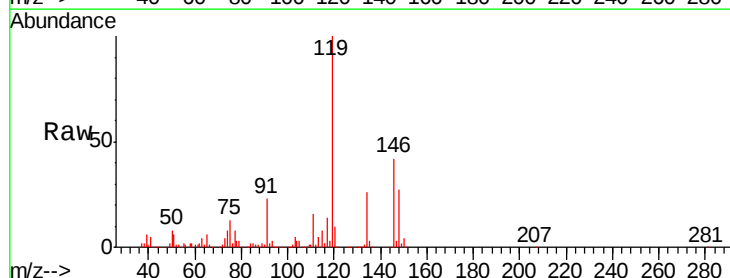
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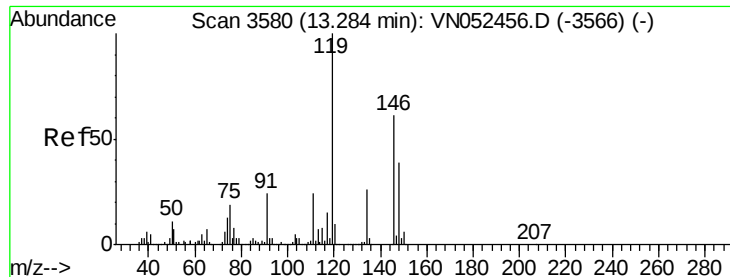
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#82
 p-Isopropyltoluene
 Concen: 20.15 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	839978		
134	26.3	0.0	52.6	
91	23.1	0.0	46.2	





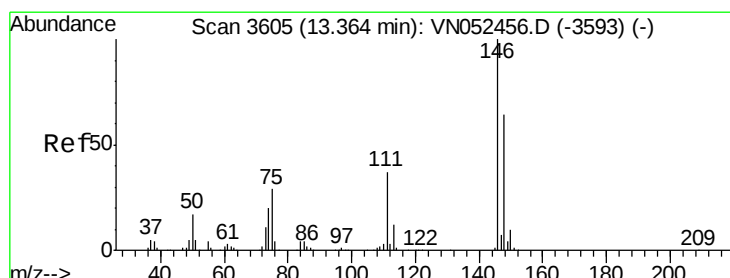
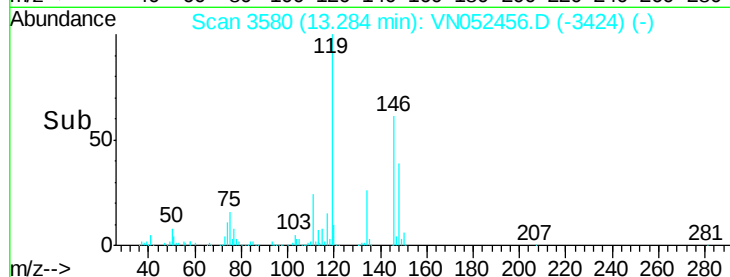
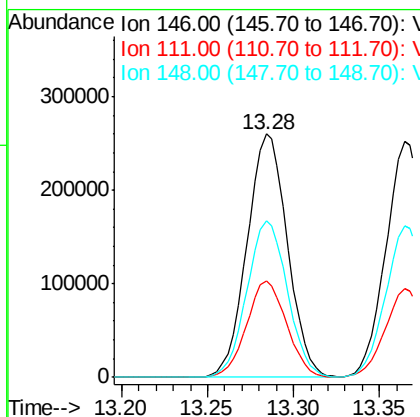
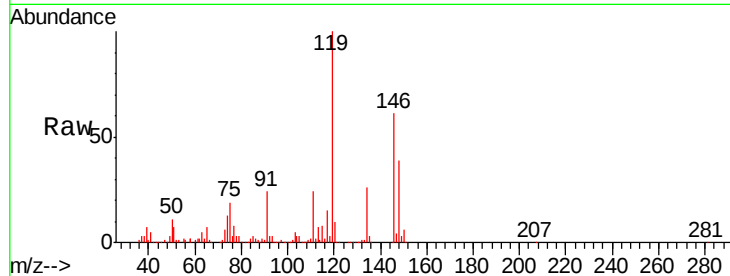
#83
1,3-Dichlorobenzene
Concen: 19.95 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	64.5	32.3	96.8

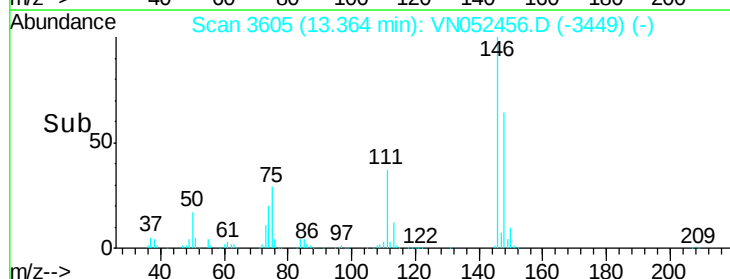
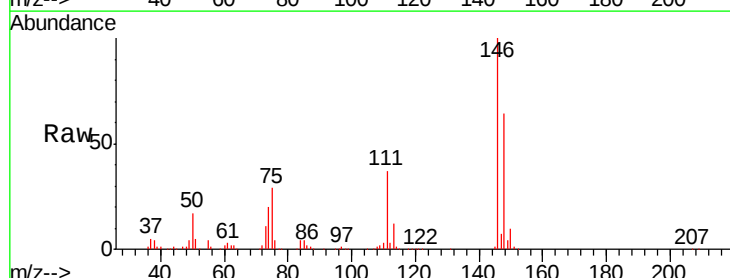
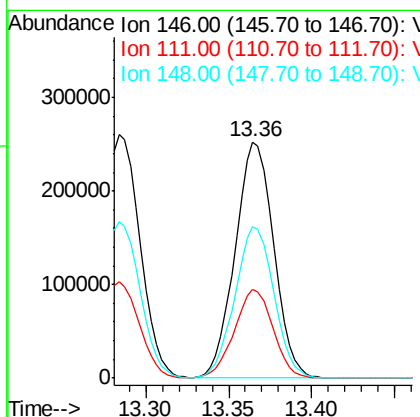
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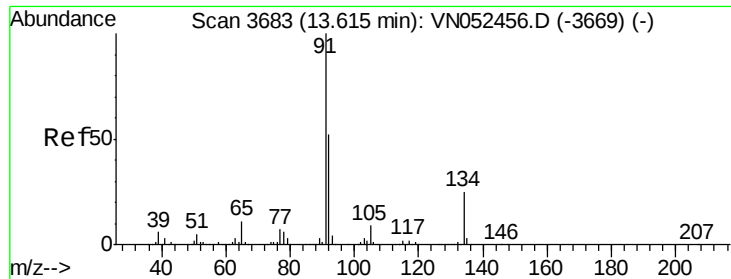
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#84
1,4-Dichlorobenzene
Concen: 19.94 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	64.9	32.5	97.4





#85

n-Butylbenzene

Concen: 20.04 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

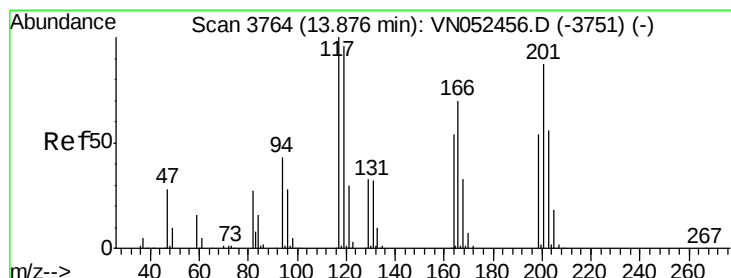
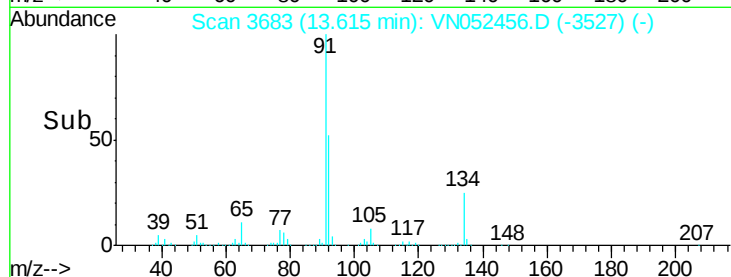
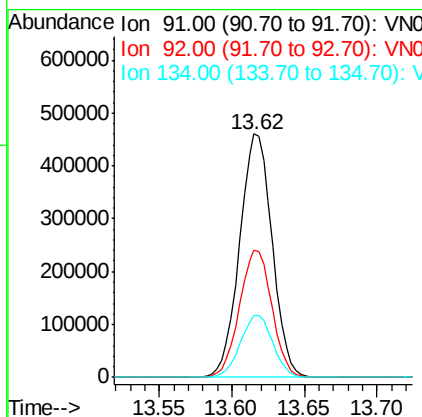
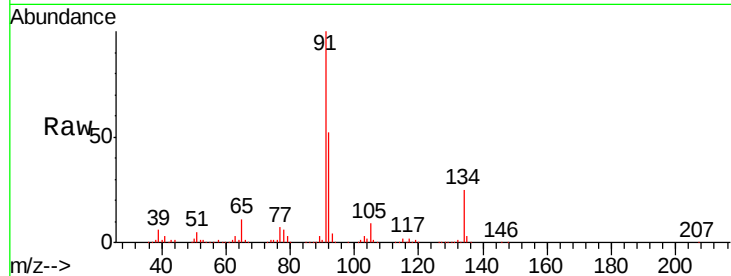
ClientSampleId :

VSTDICCC020

Tgt Ion:	91	Resp:	717772
Ion	Ratio	Lower	Upper
91	100		
92	52.1	0.0	104.2
134	25.3	0.0	50.6

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#86

Hexachloroethane

Concen: 19.76 ug/l

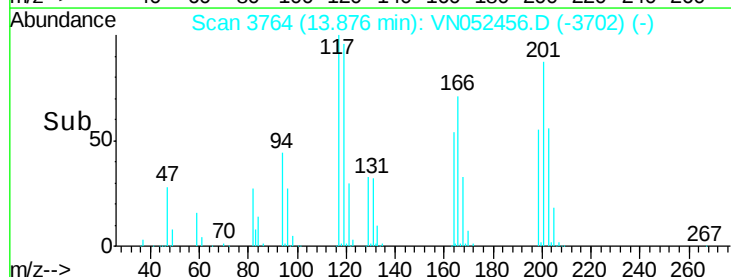
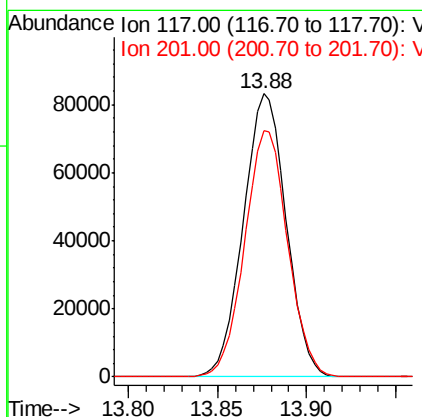
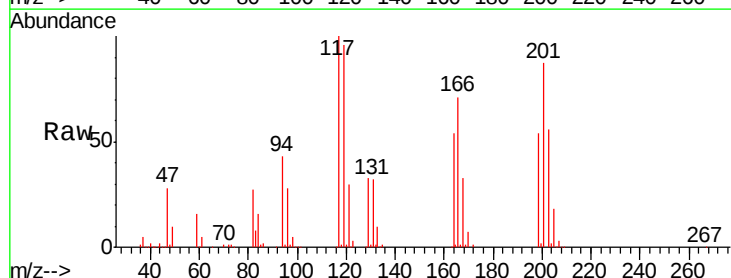
RT: 13.88 min Scan# 3764

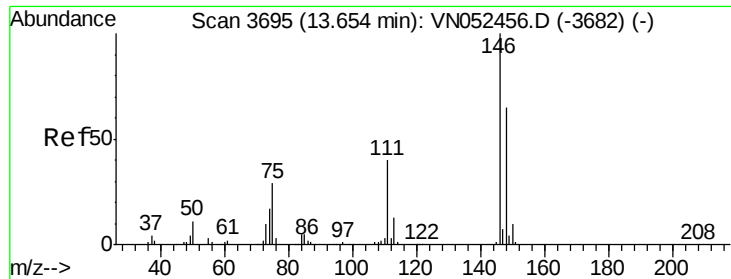
Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Tgt Ion:	117	Resp:	139575
Ion	Ratio	Lower	Upper
117	100		
201	87.5	43.8	131.3





#87

1,2-Dichlorobenzene

Concen: 20.28 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Instrument :

MSVOA_N

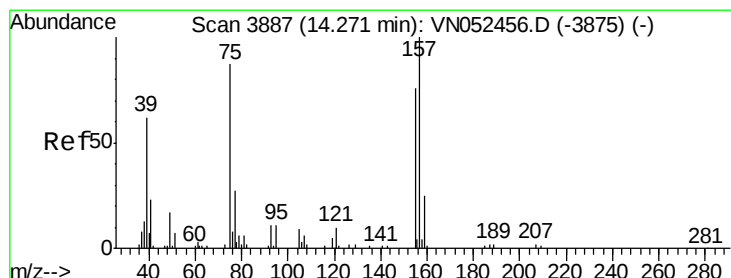
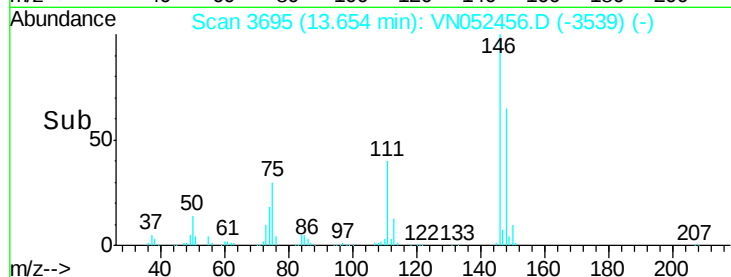
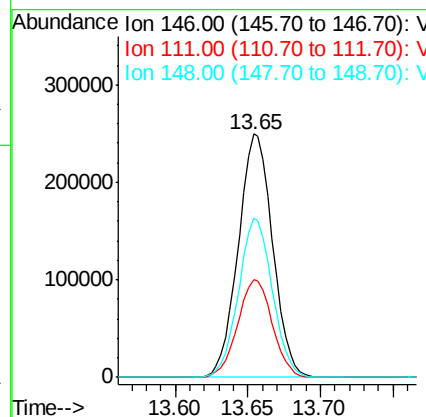
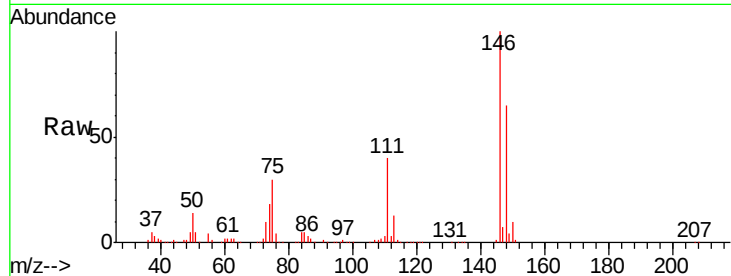
ClientSampleId :

VSTDICCC020

Tgt Ion:	146	Resp:	410102
Ion Ratio		Lower	Upper
146	100		
111	40.5	20.3	60.8
148	64.3	32.1	96.5

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.63 ug/l

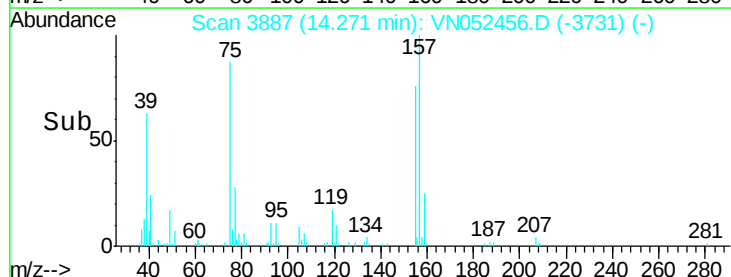
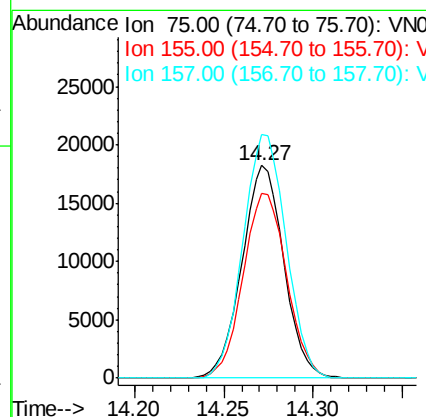
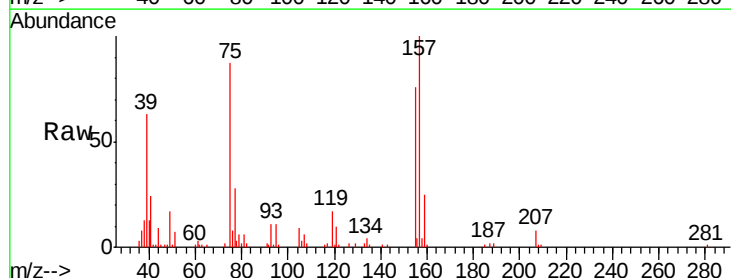
RT: 14.27 min Scan# 3887

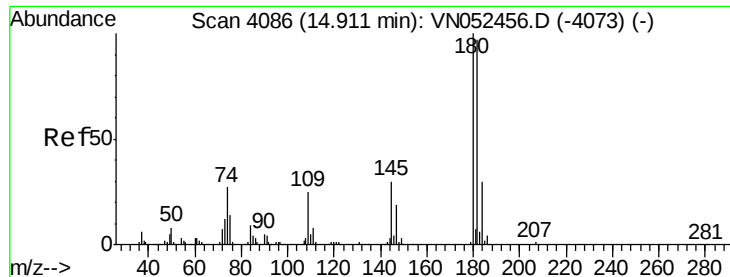
Delta R.T. 0.00 min

Lab File: VN052456.D

Acq: 26 Nov 2018 13:20

Tgt Ion:	75	Resp:	29882
Ion Ratio		Lower	Upper
75	100		
155	90.2	72.2	108.2
157	117.7	94.2	141.2





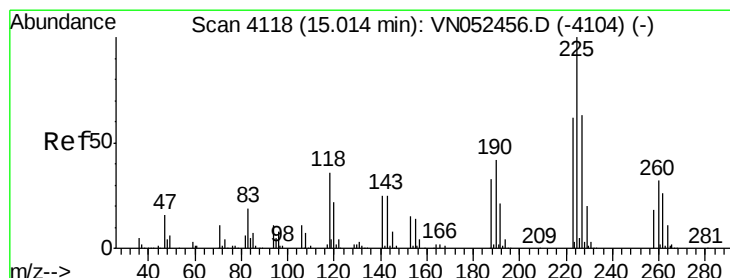
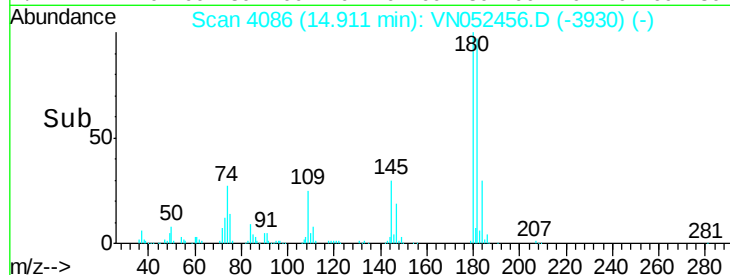
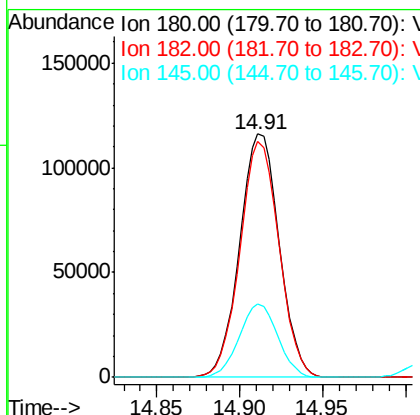
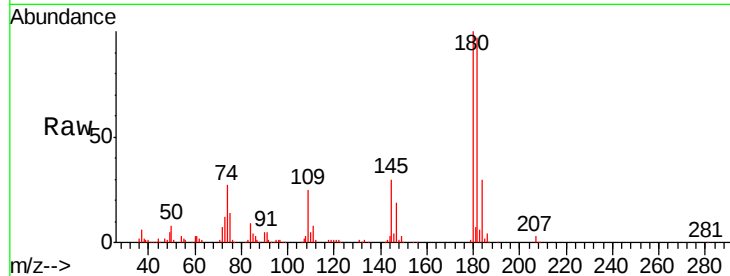
#89
 1,2,4-Trichlorobenzene
 Concen: 19.29 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	192201		
182	95.7	76.6	114.8	
145	29.5	23.6	35.4	

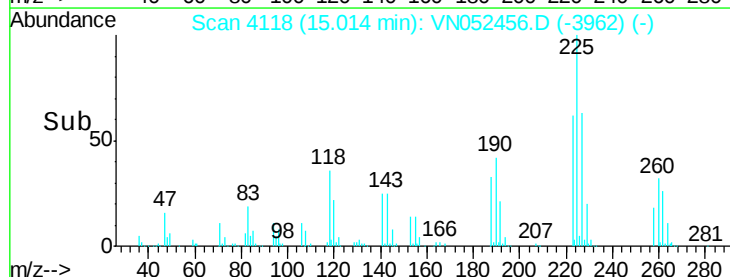
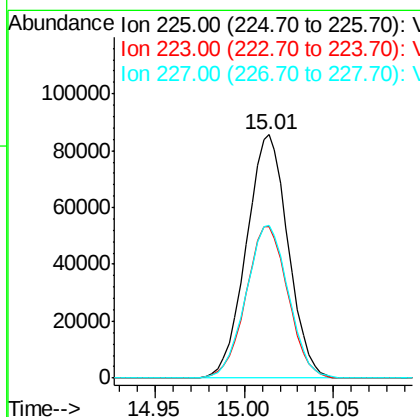
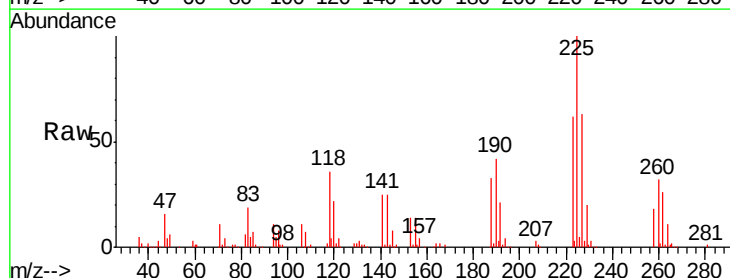
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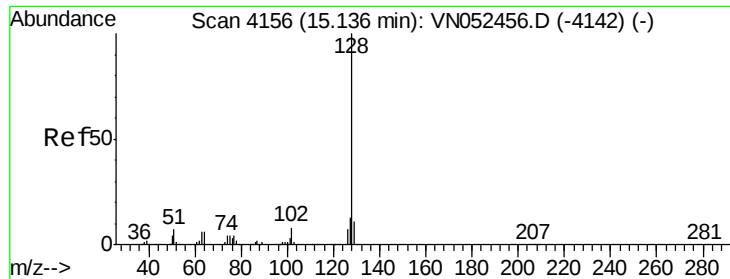
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#90
 Hexachlorobutadiene
 Concen: 21.42 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN052456.D
 Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140006		
223	62.8	0.0	125.6	
227	63.9	0.0	127.8	





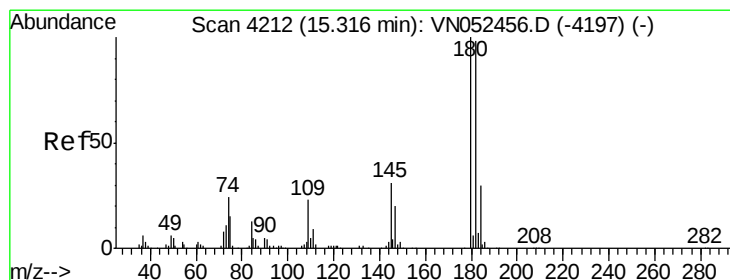
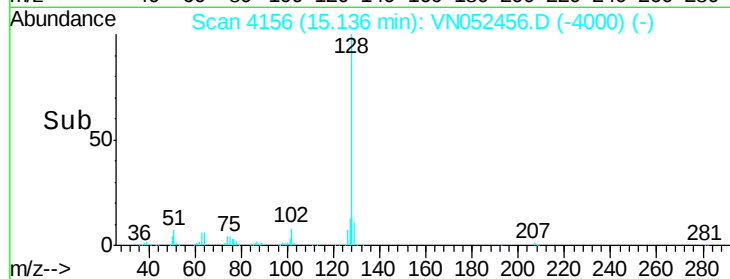
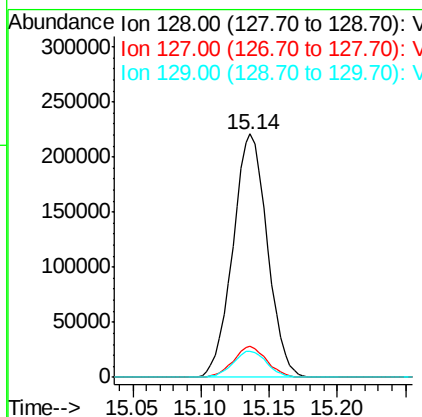
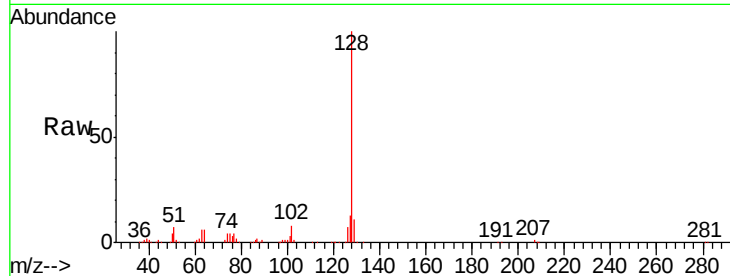
#91
Naphthalene
Concen: 19.28 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.4	9.9	14.9
129	10.6	8.5	12.7

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#92
1,2,3-Trichlorobenzene
Concen: 19.57 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052456.D
Acq: 26 Nov 2018 13:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.1	0.0	196.2
145	31.1	0.0	62.2

