

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022720\
 Data File : VN060268.D
 Acq On : 27 Feb 2020 13:23
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 12:31:18 PM

Quant Time: Feb 27 13:46:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 12:38:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	243650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	394264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	355895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162626	50.00	ug/l	0.00

System Monitoring Compounds

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

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	2264	0.984 ug/l	85
3) Chloromethane	2.04	50	4591	1.144 ug/l #	83
4) Vinyl Chloride	2.16	62	3580	1.061 ug/l	99
6) Chloroethane	2.69	64	1895	1.043 ug/l #	82
7) Trichlorofluoromethane	3.00	101	4562	1.066 ug/l	99
8) Diethyl Ether	3.39	74	1556	0.917 ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.74	101	2497	1.008 ug/l #	81
12) 1,1-Dichloroethene	3.71	96	3225	1.299 ug/l	87
14) Allyl chloride	4.30	41	4920	1.107 ug/l	98
15) Acrylonitrile	4.95	53	5390	4.264 ug/l	97
16) Acetone	3.79	43	5601	5.581 ug/l #	82
17) Carbon Disulfide	4.03	76	10571	1.477 ug/l	100
18) Methyl Acetate	4.30	43	3627	1.044 ug/l #	73
19) Methyl tert-butyl Ether	5.00	73	8718m	1.017 ug/l	
20) Methylene Chloride	4.53	84	3087	1.112 ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	4177	1.500 ug/l	96
22) Diisopropyl ether	5.92	45	8424	0.941 ug/l	91
23) Vinyl Acetate	5.86	43	33160	4.721 ug/l	99
24) 1,1-Dichloroethane	5.82	63	4912	0.981 ug/l #	84
25) 2-Butanone	6.80	43	7693	4.691 ug/l	98
26) 2,2-Dichloropropane	6.79	77	4655	1.019 ug/l	88
27) cis-1,2-Dichloroethene	6.80	96	3904	1.174 ug/l	78
28) Bromochloromethane	7.17	49	2117	1.035 ug/l #	99
29) Tetrahydrofuran	7.18	42	5592	4.778 ug/l	98
30) Chloroform	7.35	83	5096	1.022 ug/l	89
32) 1,1,1-Trichloroethane	7.55	97	4337	0.975 ug/l #	37
36) 1,1-Dichloropropene	7.78	75	4326	1.147 ug/l	96
37) Ethyl Acetate	6.90	43	3561	0.999 ug/l #	78
38) Carbon Tetrachloride	7.75	117	3628	0.967 ug/l	90
39) Methylcyclohexane	9.06	83	4990	1.127 ug/l	95
40) Benzene	8.02	78	11639	1.047 ug/l	98
41) Methacrylonitrile	7.14	41	1354	0.793 ug/l #	100
42) 1,2-Dichloroethane	8.10	62	4109	1.020 ug/l	90
43) Isopropyl Acetate	8.14	43	6116	0.969 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	3497	1.137	ug/l	89
45) 1,2-Dichloropropane	9.10	63	2688	0.906	ug/l	100
46) Dibromomethane	9.19	93	1905	1.009	ug/l	98
47) Bromodichloromethane	9.39	83	3749	0.982	ug/l	98
48) Methyl methacrylate	9.18	41	3138	1.101	ug/l #	85
49) 1,4-Dioxane	9.18	88	885	21.459	ug/l #	77
51) 4-Methyl-2-Pentanone	9.97	43	17013	4.765	ug/l	95
52) Toluene	10.14	92	7241	1.043	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	5093	1.099	ug/l #	81
54) cis-1,3-Dichloropropene	9.82	75	4971	1.013	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	3139	1.118	ug/l	86
56) Ethyl methacrylate	10.42	69	3537	0.876	ug/l #	89
57) 1,3-Dichloropropane	10.70	76	4577	0.994	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.68	63	9079	4.200	ug/l	97
59) 2-Hexanone	10.74	43	12486	4.712	ug/l	98
60) Dibromochloromethane	10.89	129	2678	0.947	ug/l	94
61) 1,2-Dibromoethane	11.00	107	2540	0.924	ug/l	96
64) Tetrachloroethene	10.62	164	3940	1.251	ug/l	93
65) Chlorobenzene	11.43	112	7981	1.099	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.50	131	2698	0.996	ug/l #	62
67) Ethyl Benzene	11.51	91	13915	1.051	ug/l	100
68) m/p-Xylenes	11.62	106	10717	2.176	ug/l	98
69) o-Xylene	11.94	106	4745	0.983	ug/l	97
70) Styrene	11.96	104	7758	0.992	ug/l	98
71) Bromoform	12.12	173	1620	0.828	ug/l #	99
73) Isopropylbenzene	12.25	105	13321	1.097	ug/l	100
74) N-amyl acetate	12.07	43	6004	1.138	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.50	83	3455	1.036	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	3918m	1.059	ug/l	
77) Bromobenzene	12.52	156	3414	1.137	ug/l	99
78) n-propylbenzene	12.59	91	15892	1.109	ug/l	99
79) 2-Chlorotoluene	12.67	91	9395	1.116	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	11119	1.077	ug/l	100
82) 4-Chlorotoluene	12.77	91	10532	1.194	ug/l	98
83) tert-Butylbenzene	12.99	119	9768	1.098	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	11215	1.077	ug/l	98
85) sec-Butylbenzene	13.17	105	12801	1.065	ug/l	100
86) p-Isopropyltoluene	13.29	119	12984	1.191	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	7246	1.315	ug/l	92
88) 1,4-Dichlorobenzene	13.36	146	7208m	1.313	ug/l	
89) n-Butylbenzene	13.61	91	11856	1.172	ug/l	97
90) Hexachloroethane	13.87	117	1534	0.934	ug/l	74
91) 1,2-Dichlorobenzene	13.65	146	6192	1.183	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.26	75	892	1.188	ug/l	82
93) 1,2,4-Trichlorobenzene	14.91	180	5341	1.431	ug/l	93
94) Hexachlorobutadiene	15.01	225	2599	1.397	ug/l	94
95) Naphthalene	15.13	128	14107	1.278	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	4891	1.345	ug/l	95

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VSTDICC001

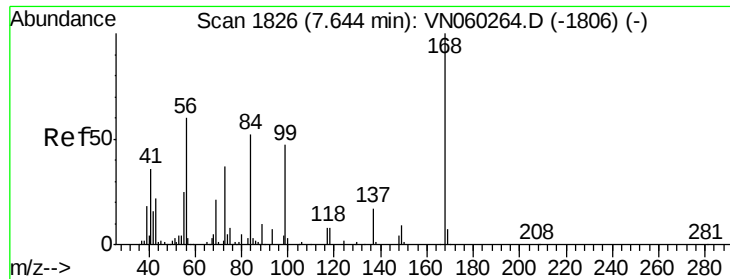
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 243650

Ion Ratio Lower Upper

168 100

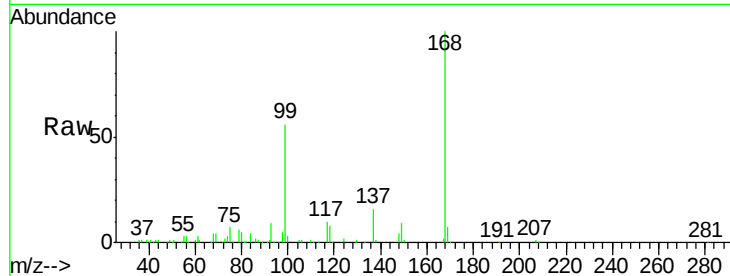
99 55.7 44.7 67.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

120000

100000

80000

60000

40000

20000

0

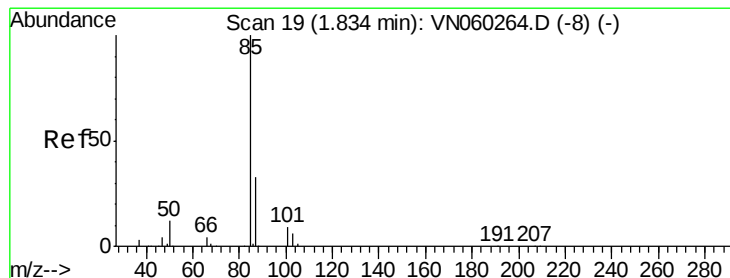
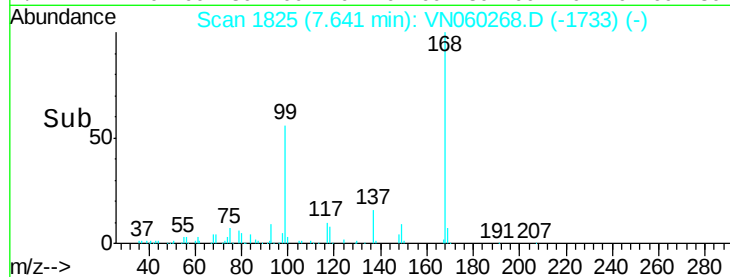
7.50

7.60

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.984 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060268.D

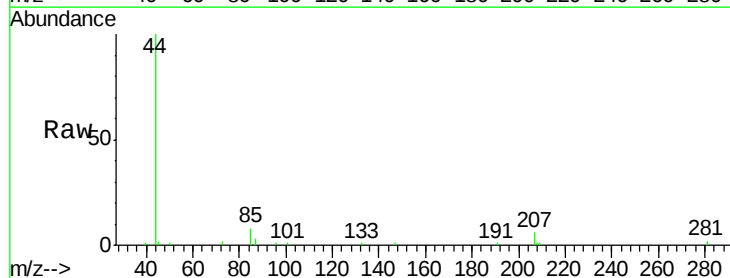
Acq: 27 Feb 2020 13:23

Tgt Ion: 85 Resp: 2264

Ion Ratio Lower Upper

85 100

87 40.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

2000

1500

1000

500

0

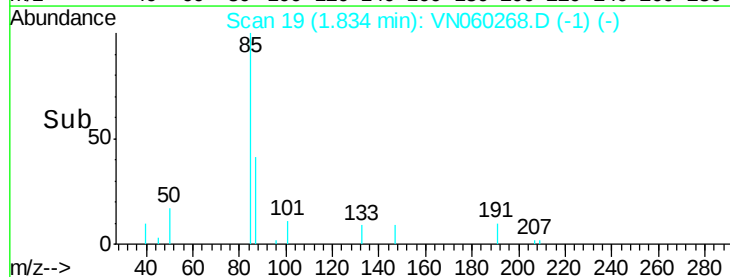
1.80

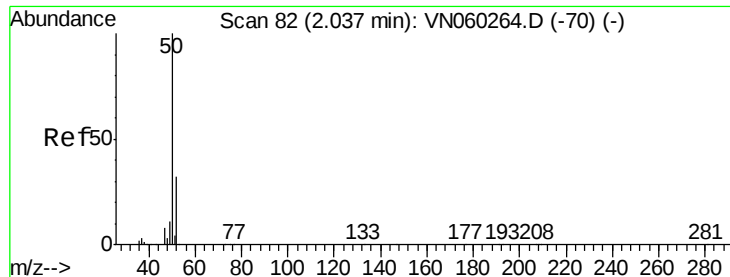
1.82

1.84

1.86

Time-->





#3

Chloromethane

Concen: 1.144 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4591

Ion Ratio Lower Upper

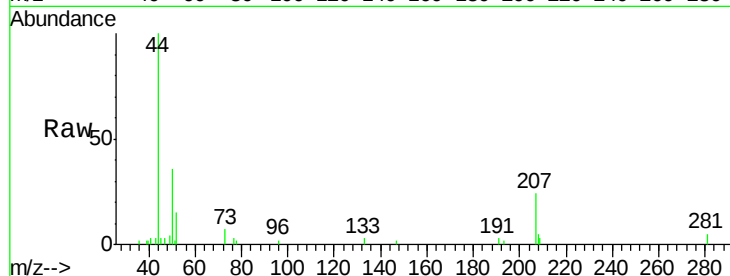
50 100

52 41.5 25.6 38.4#

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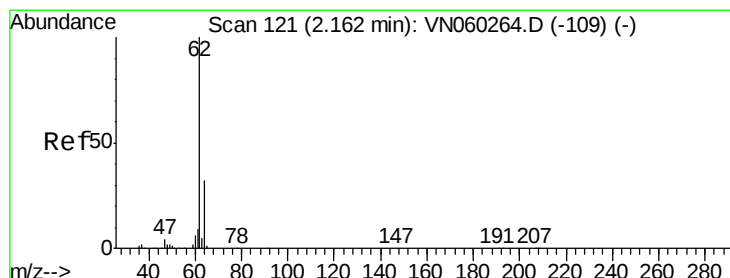
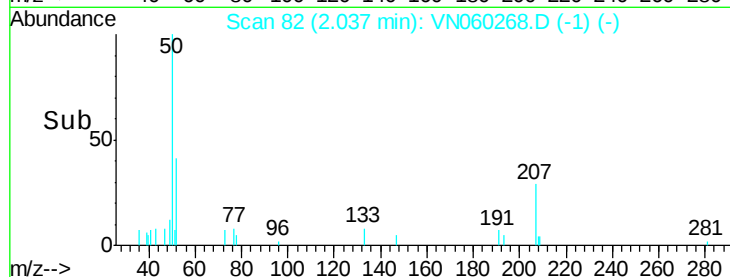
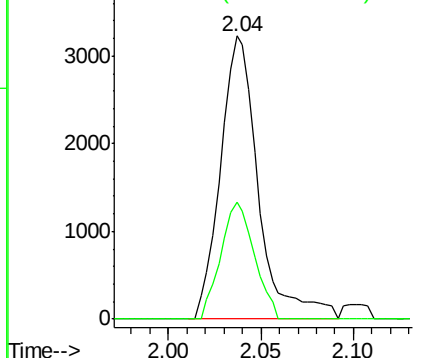
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 1.061 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN060268.D

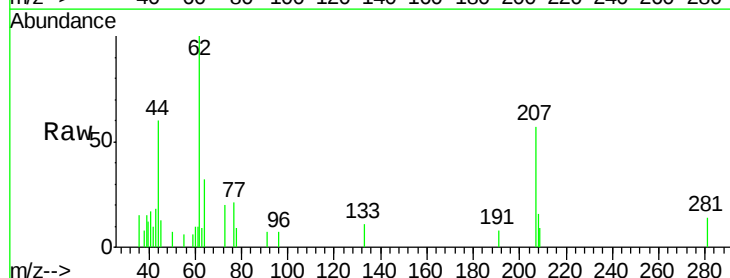
Acq: 27 Feb 2020 13:23

Tgt Ion: 62 Resp: 3580

Ion Ratio Lower Upper

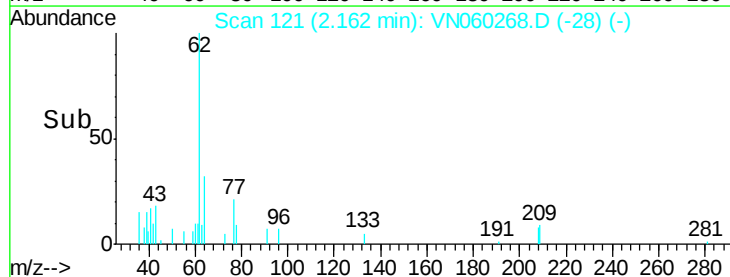
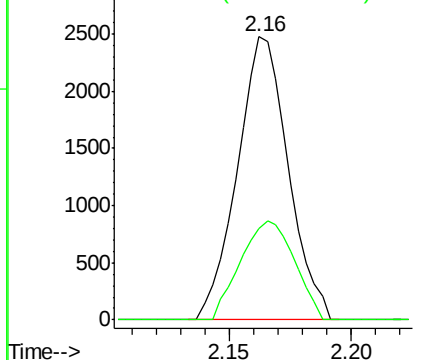
62 100

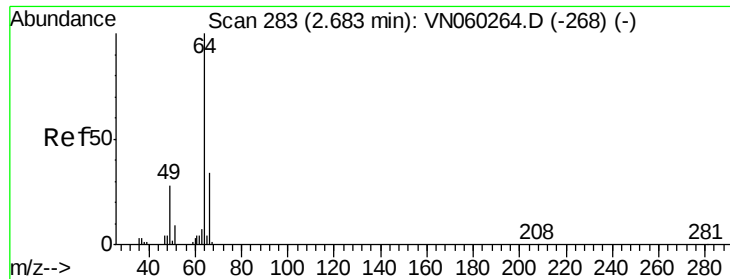
64 32.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#6

Chloroethane

Concen: 1.043 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1895

Ion Ratio Lower Upper

64 100

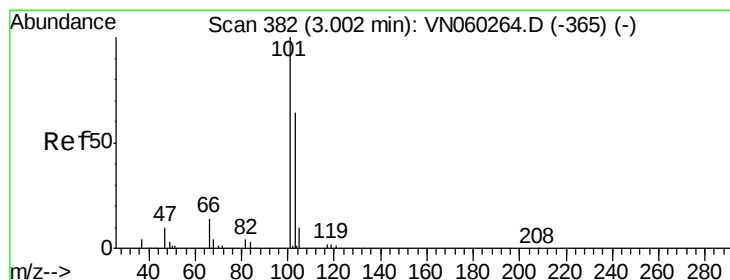
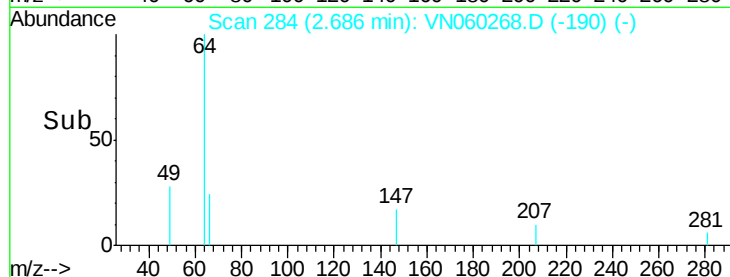
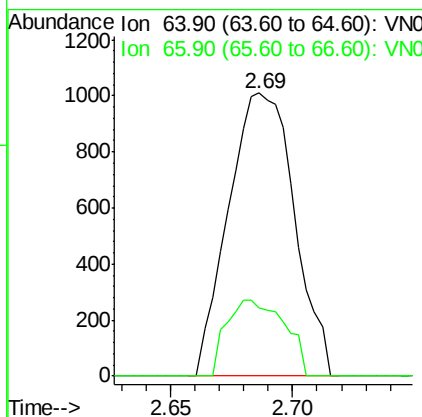
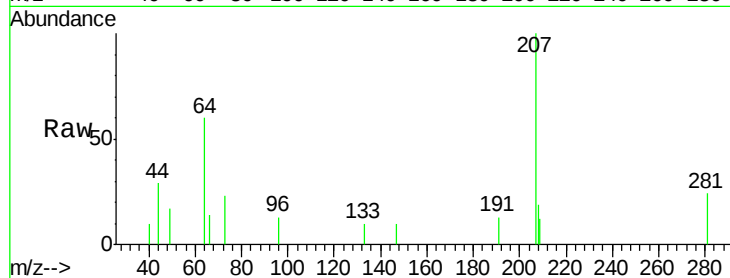
66 24.0 27.4 41.2#

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.066 ug/l

RT: 3.00 min Scan# 383

Delta R.T. 0.00 min

Lab File: VN060268.D

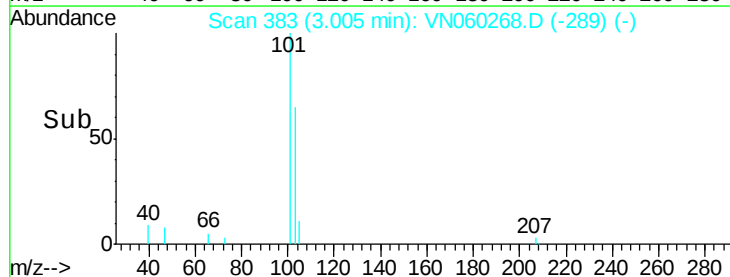
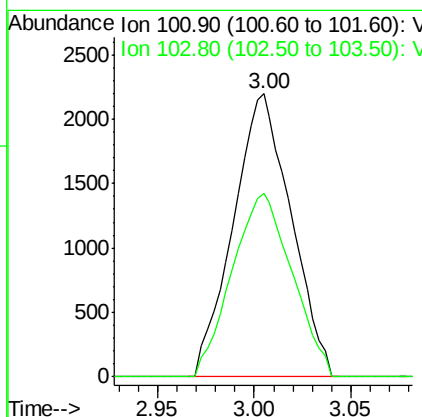
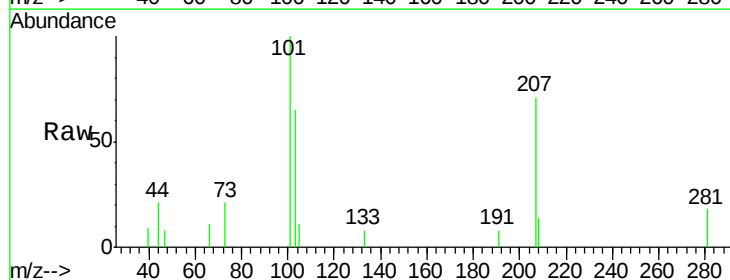
Acq: 27 Feb 2020 13:23

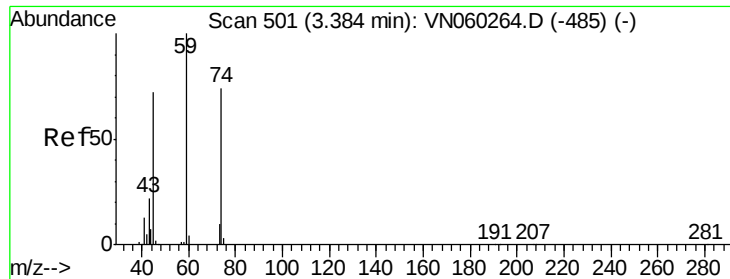
Tgt Ion: 101 Resp: 4562

Ion Ratio Lower Upper

101 100

103 64.8 51.3 76.9





#8

Diethyl Ether

Concen: 0.917 ug/l

RT: 3.39 min Scan# 503

Delta R.T. 0.01 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 1556

Ion Ratio Lower Upper

74 100

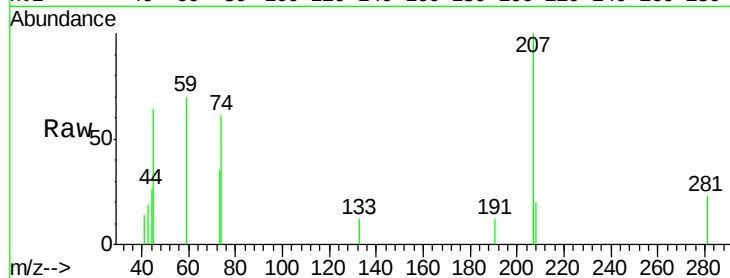
45 121.7 49.5 148.7

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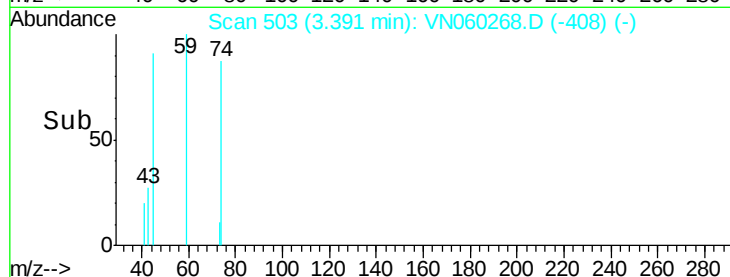


Abundance Ion 74.00 (73.70 to 74.70): VN060268.D (-485) (-)

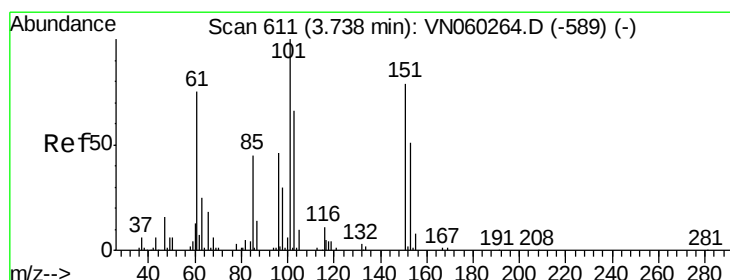
Ion 45.00 (44.70 to 45.70): VN060268.D (-485) (-)

3.39

3.35 3.40 3.45



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.008 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

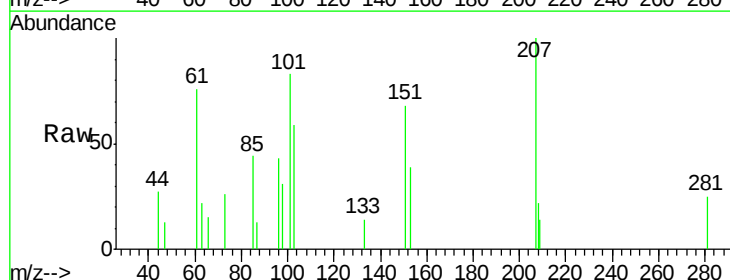
Tgt Ion: 101 Resp: 2497

Ion Ratio Lower Upper

101 100

85 47.2 35.4 53.2

151 54.2 62.0 93.0#



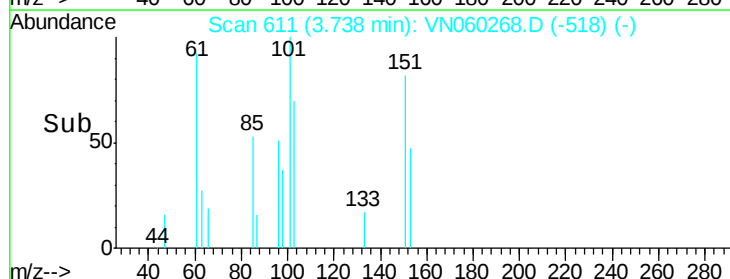
Abundance Ion 100.90 (100.60 to 101.60): VN060268.D (-518) (-)

Ion 84.90 (84.60 to 85.60): VN060268.D (-518) (-)

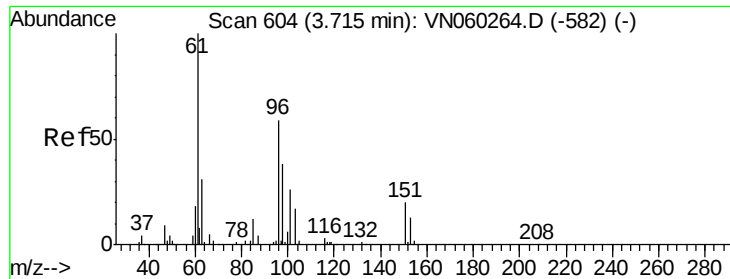
Ion 150.80 (150.50 to 151.50): VN060268.D (-518) (-)

3.74

3.70 3.75 3.80



Time-->



#12

1,1-Dichloroethene

Concen: 1.299 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

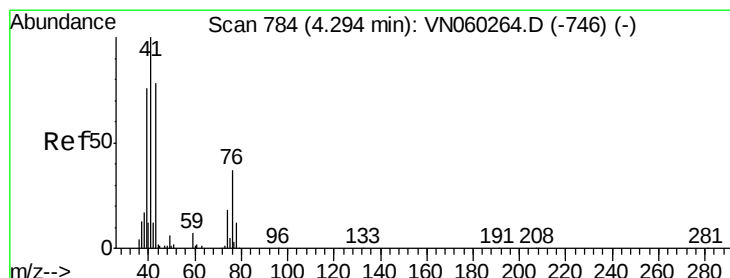
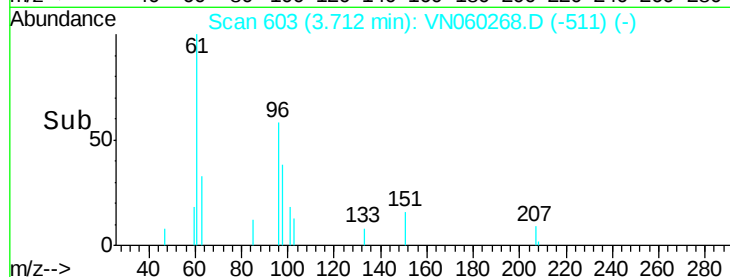
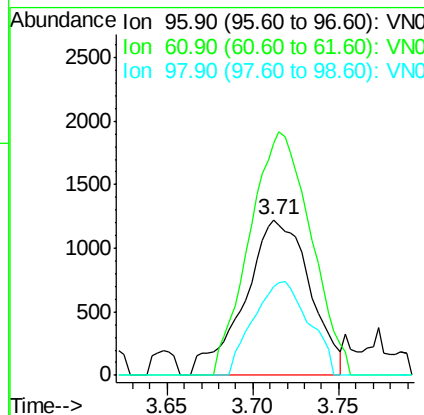
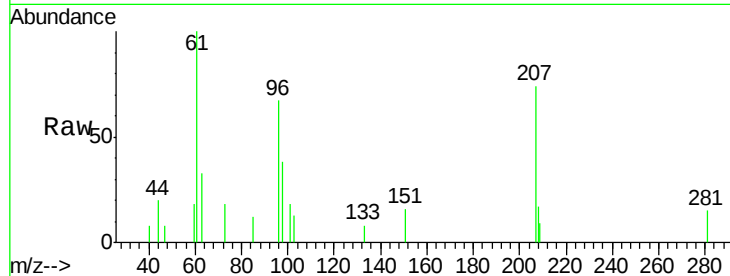
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3225
Ion	Ratio	Lower	Upper
96	100		
61	149.6	135.4	203.0
98	57.1	51.6	77.4

Manual Integrations
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#14

Allyl chloride

Concen: 1.107 ug/l

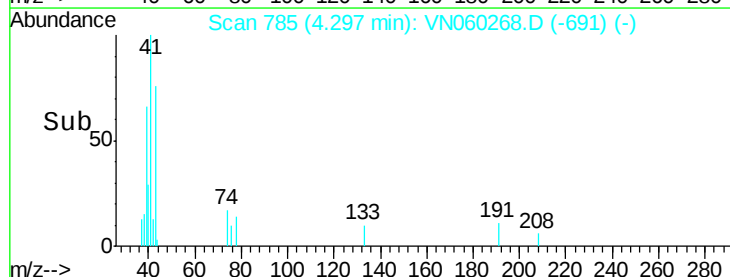
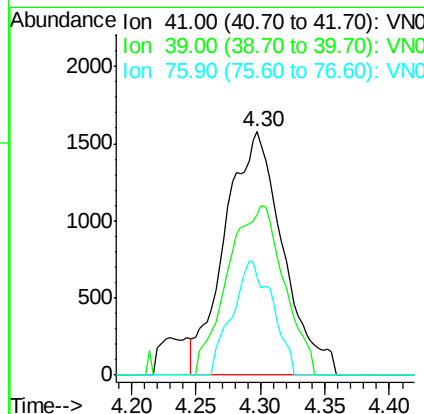
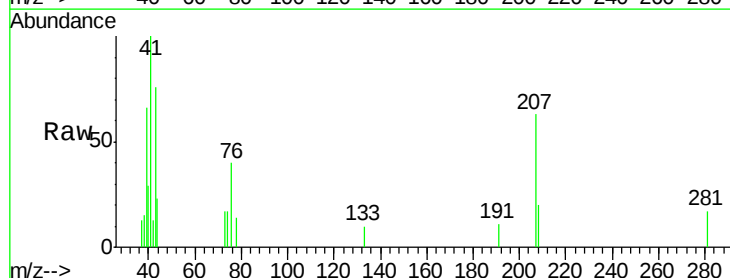
RT: 4.30 min Scan# 785

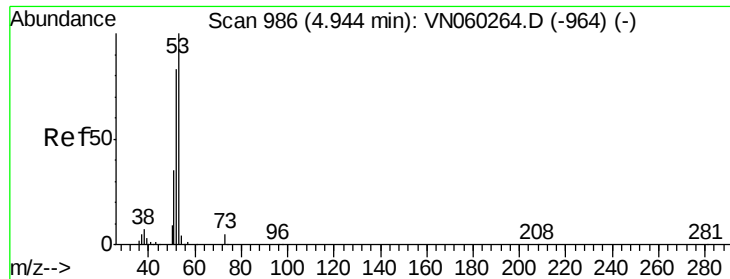
Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Tgt Ion:	41	Resp:	4920
Ion	Ratio	Lower	Upper
41	100		
39	67.9	55.4	83.2
76	32.8	27.0	40.6





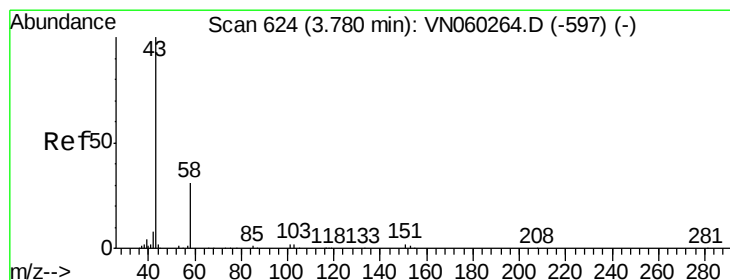
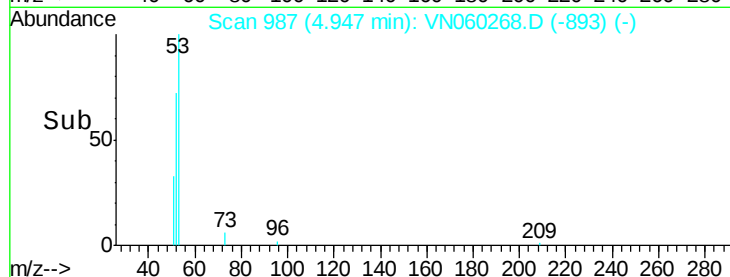
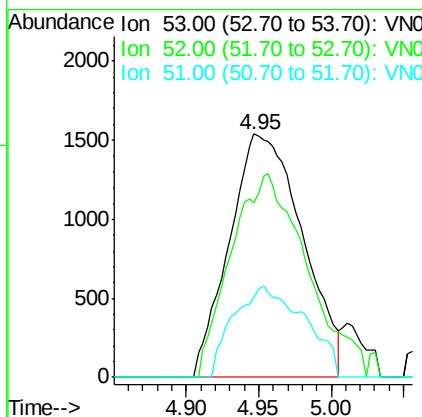
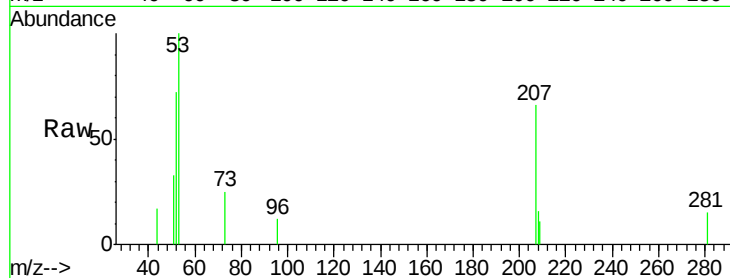
#15
 Acrylonitrile
 Concen: 4.264 ug/l
 RT: 4.95 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:	53	Resp:	5390
Ion	Ratio	Lower	Upper
53	100		
52	87.2	66.8	100.2
51	36.3	29.0	43.6

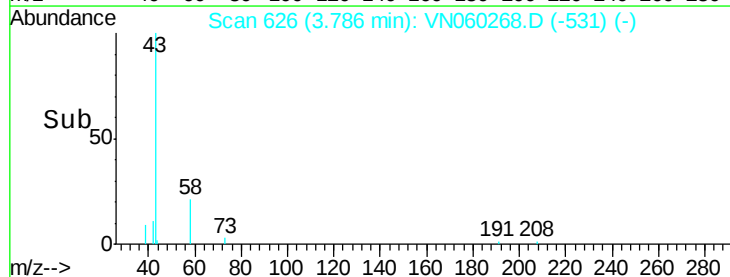
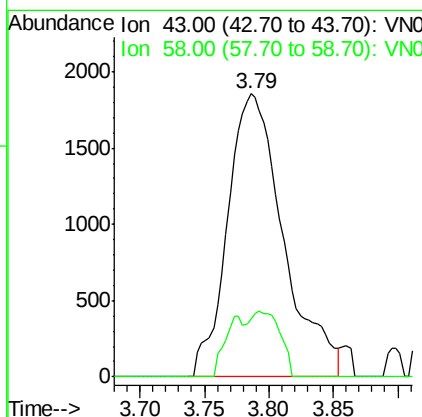
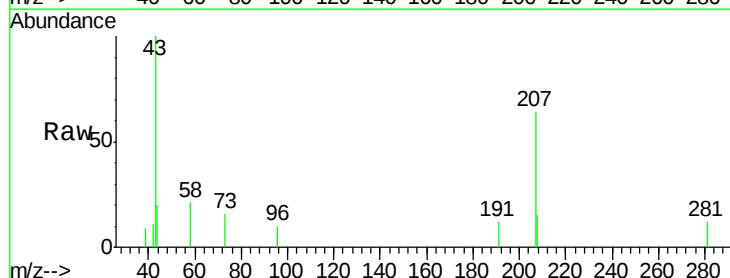
Manual Integrations
 APPROVED

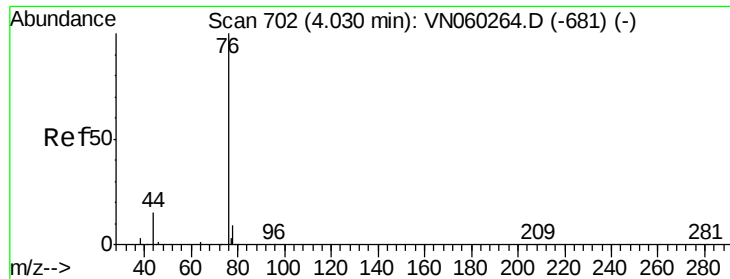
MMDadoda
 2/28/2020 12:31:18 PM



#16
 Acetone
 Concen: 5.581 ug/l
 RT: 3.79 min Scan# 626
 Delta R.T. 0.01 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Tgt Ion:	43	Resp:	5601
Ion	Ratio	Lower	Upper
43	100		
58	20.6	24.6	36.8#





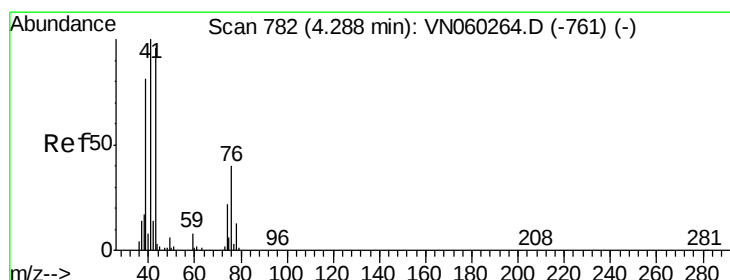
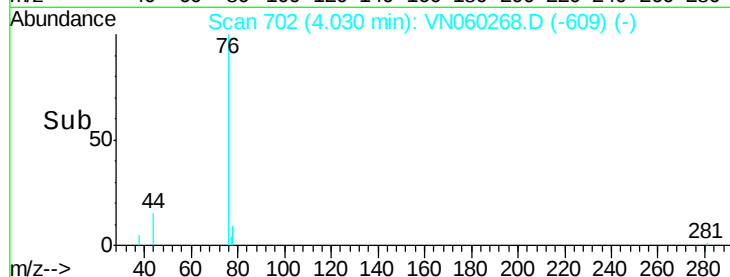
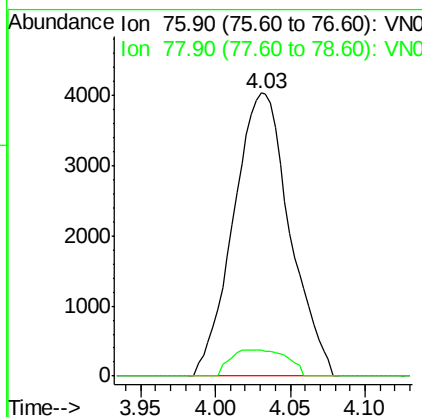
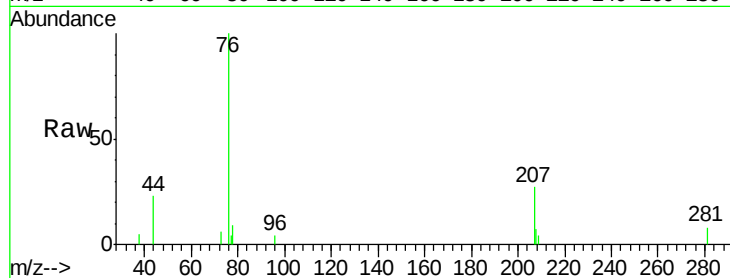
#17
Carbon Disulfide
Concen: 1.477 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

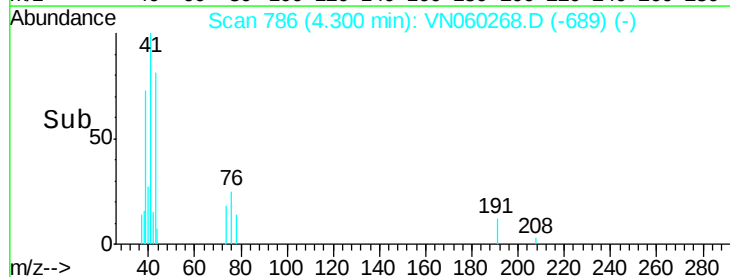
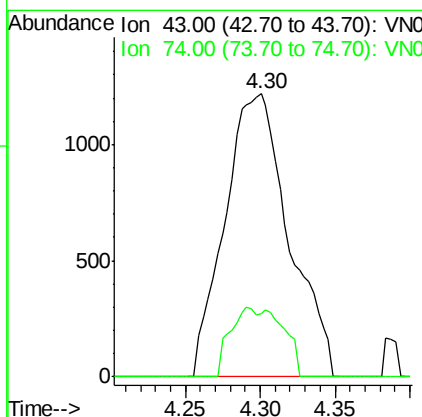
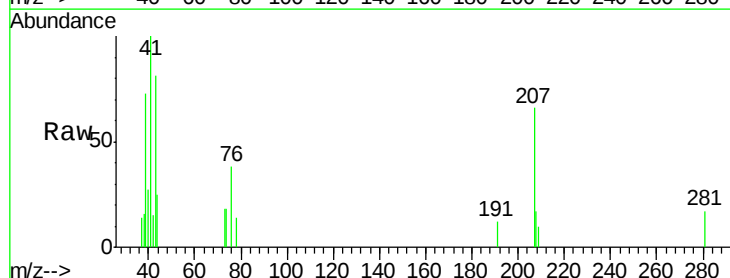
Manual Integrations
APPROVED

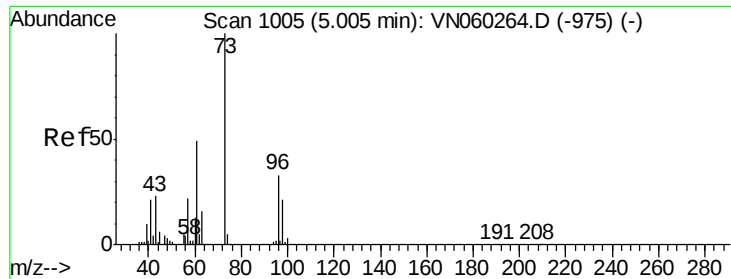
MMDadoda
2/28/2020 12:31:18 PM



#18
Methyl Acetate
Concen: 1.044 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	10.2	18.8	28.2#





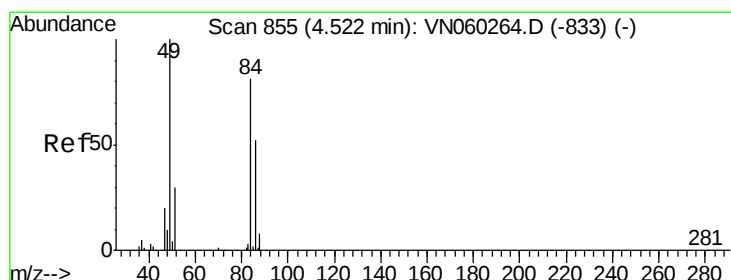
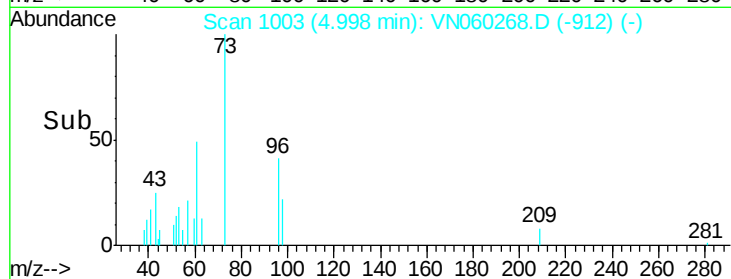
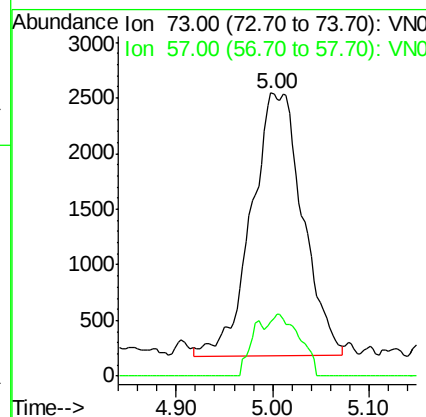
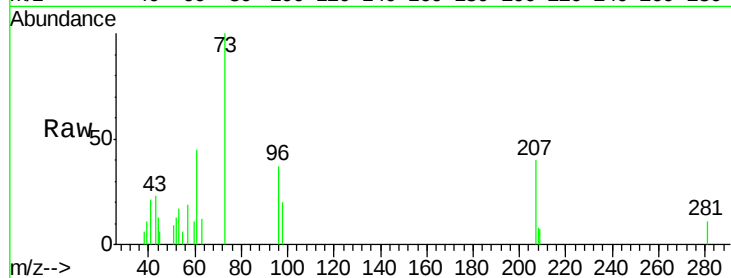
#19
Methvl tert-butvl Ether
Concen: 1.017 ug/l m
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 73 Resp: 8718
Ion Ratio Lower Upper
73 100
57 19.3 17.3 25.9

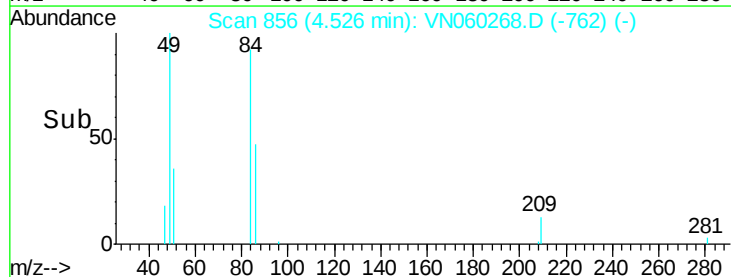
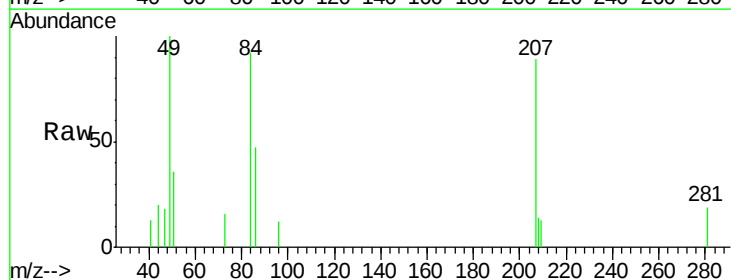
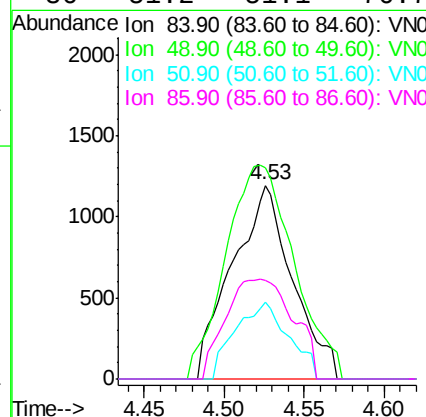
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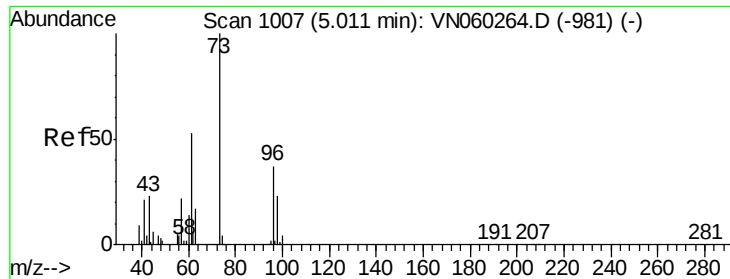
MMDadoda
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#20
Methylene Chloride
Concen: 1.112 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Tgt Ion: 84 Resp: 3087
Ion Ratio Lower Upper
84 100
49 109.1 99.3 148.9
51 39.5 30.1 45.1
86 51.2 51.1 76.7





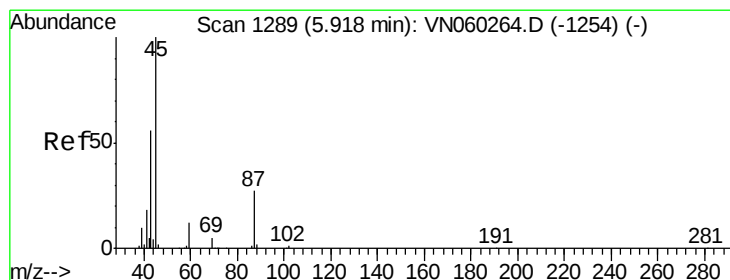
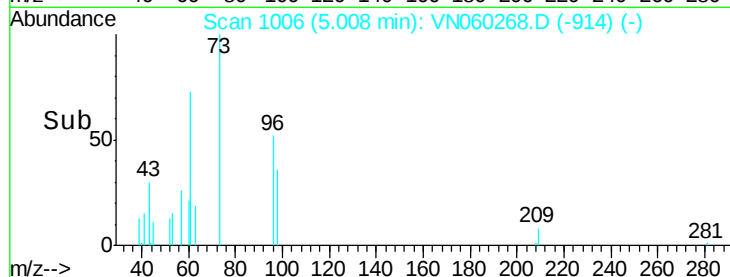
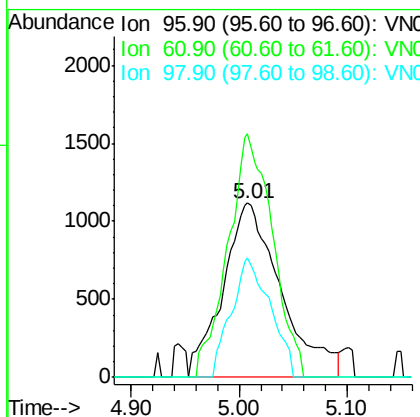
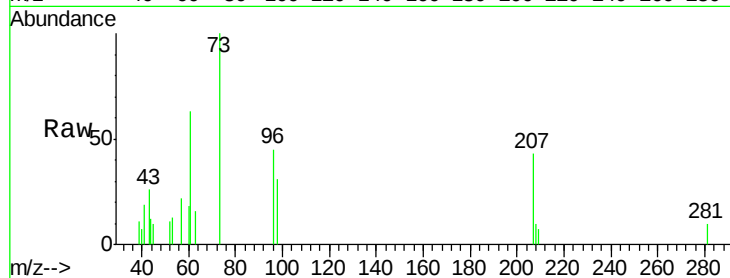
#21
trans-1,2-Dichloroethene
Concen: 1.500 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	113.8	170.8
98	68.2	48.8	73.2

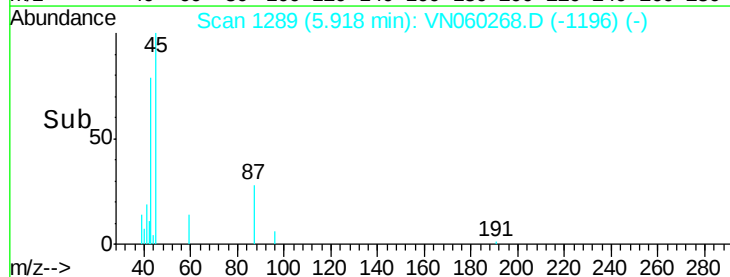
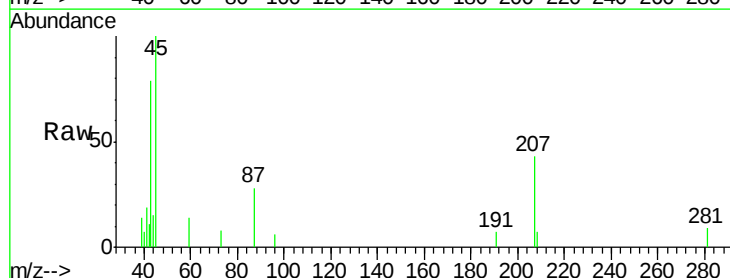
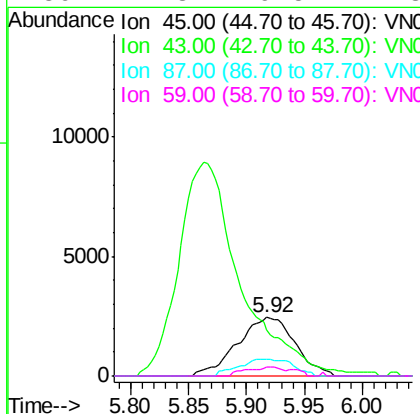
Manual Integrations
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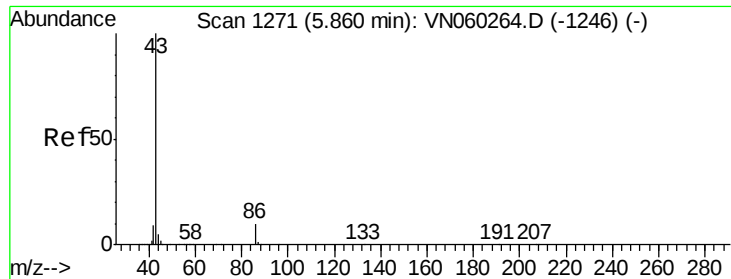
MMDadoda
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#22
Diisopropyl ether
Concen: 0.941 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.3	48.6	72.8
87	28.4	22.2	33.2
59	14.3	9.5	14.3





#23

Vinyl Acetate

Concen: 4.721 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 33160

Ion Ratio Lower Upper

43 100

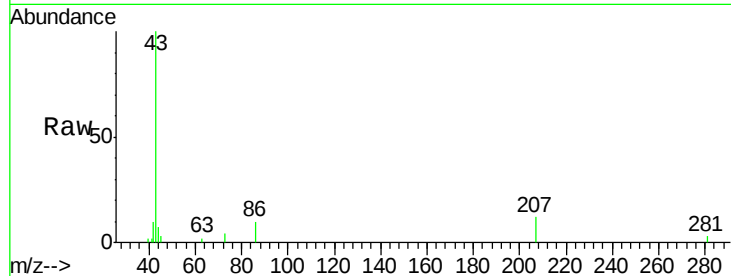
86 9.5 8.0 12.0

Manual Integrations

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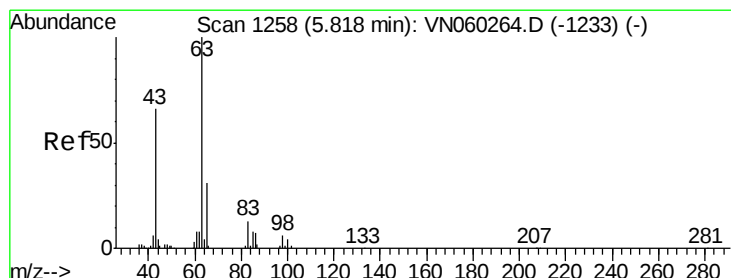
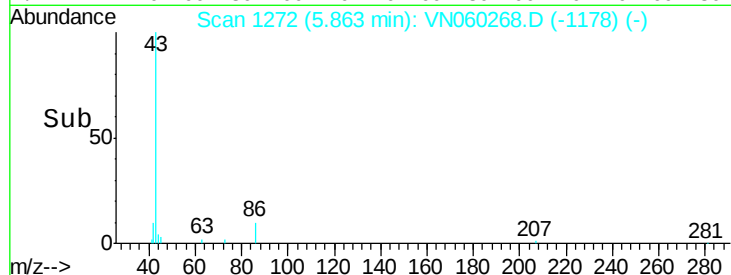
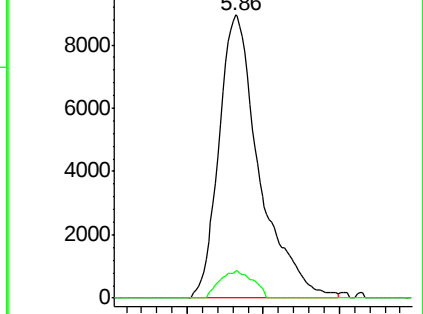
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN060264.D (-1246) (-)



#24

1,1-Dichloroethane

Concen: 0.981 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

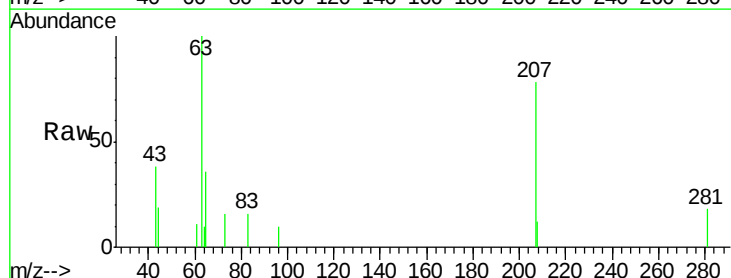
Tgt Ion: 63 Resp: 4912

Ion Ratio Lower Upper

63 100

98 0.0 3.0 9.0#

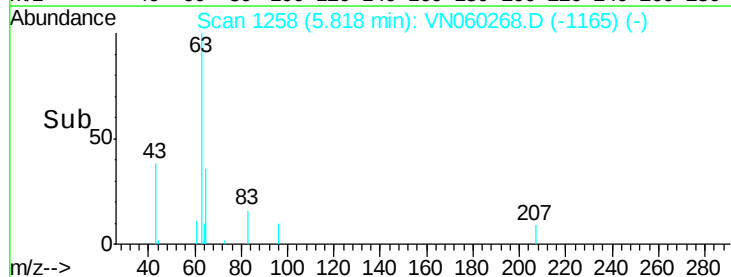
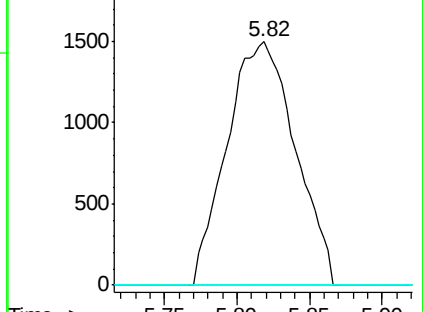
100 0.0 2.0 6.0#

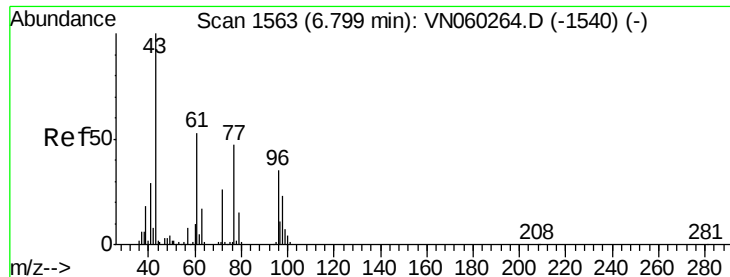


Abundance Ion 62.90 (62.60 to 63.60): VN060264.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN060264.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN060264.D (-1233) (-)





#25

2-Butanone

Concen: 4.691 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 7693

Ion Ratio Lower Upper

43 100

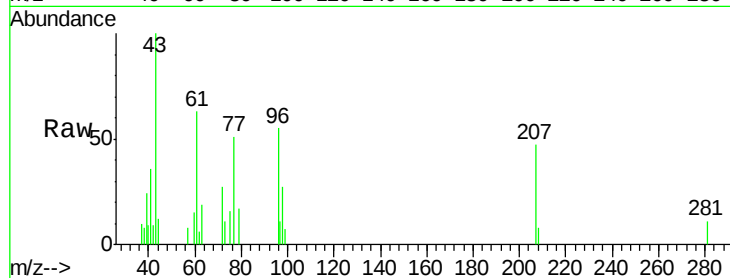
72 27.2 20.9 31.3

Manual Integrations

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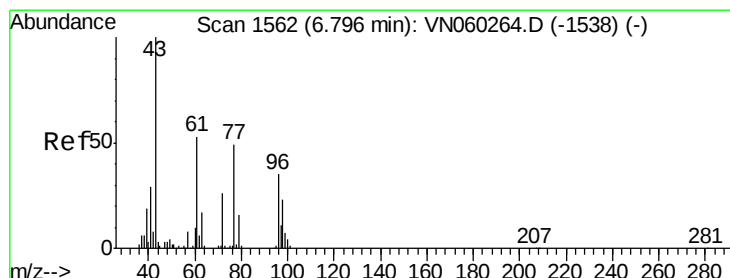
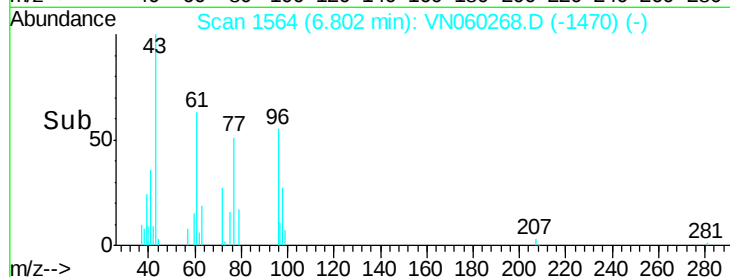
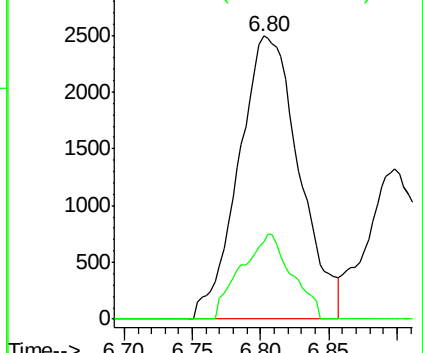
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 1.019 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060268.D

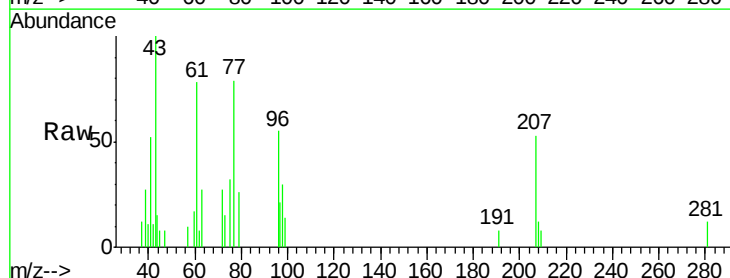
Acq: 27 Feb 2020 13:23

Tgt Ion: 77 Resp: 4655

Ion Ratio Lower Upper

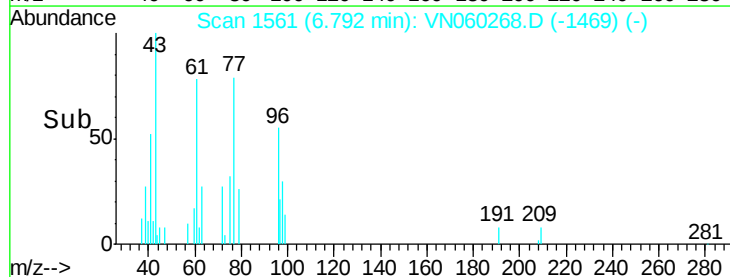
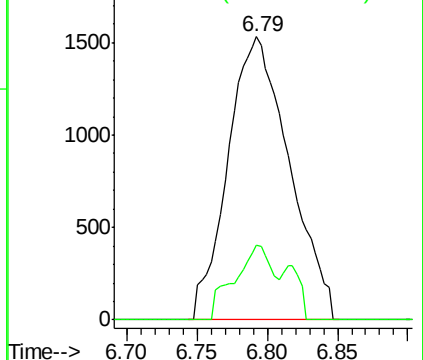
77 100

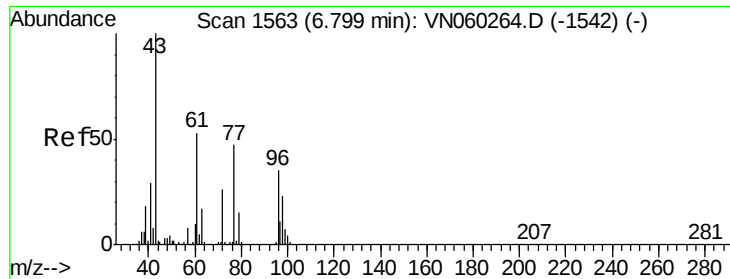
97 16.6 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 1.174 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

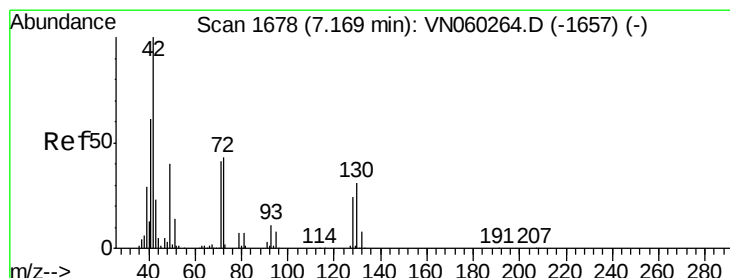
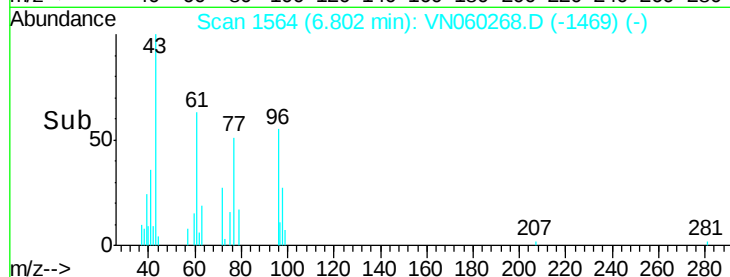
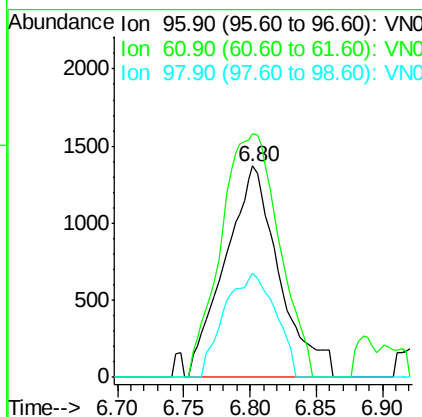
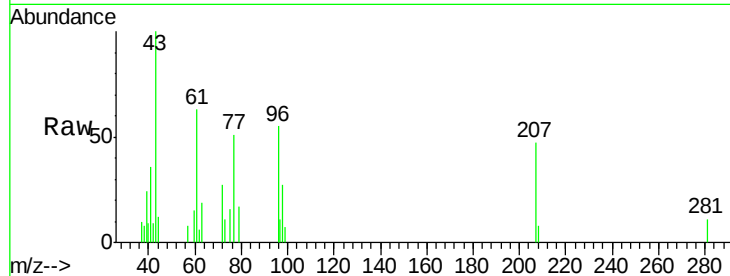
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3904
Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	300.8
98	46.1	0.0	128.2

Manual Integrations
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#28

Bromochloromethane

Concen: 1.035 ug/l

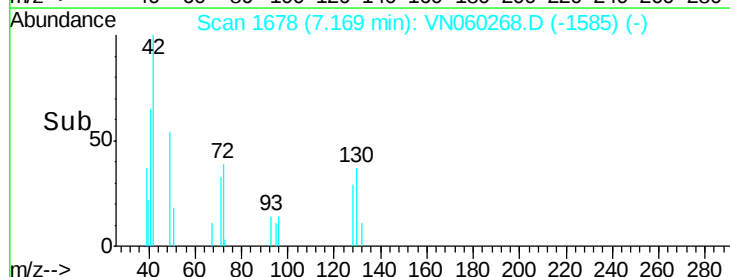
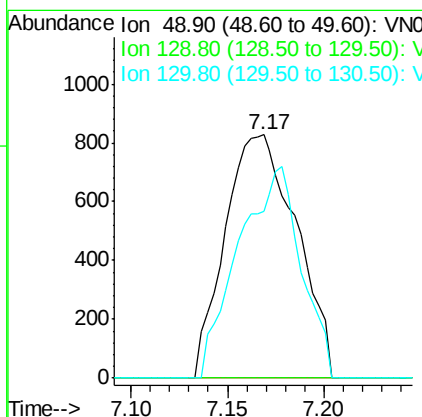
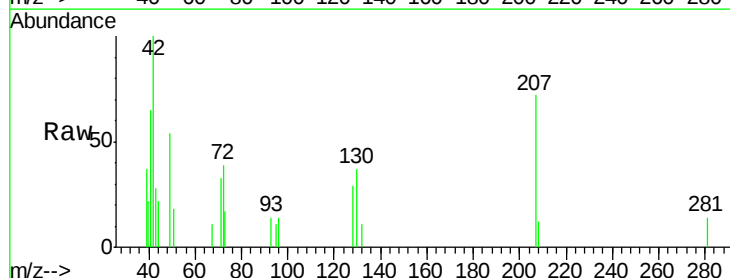
RT: 7.17 min Scan# 1678

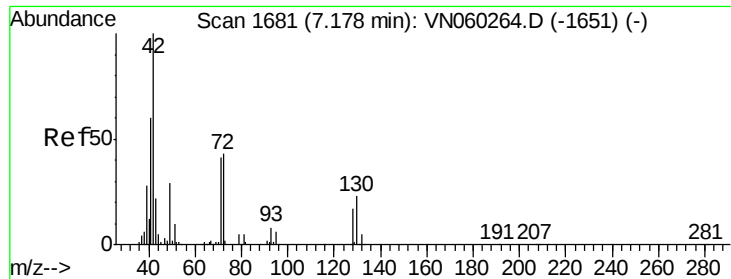
Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Tgt Ion:	49	Resp:	2117
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	76.0	59.8	89.8





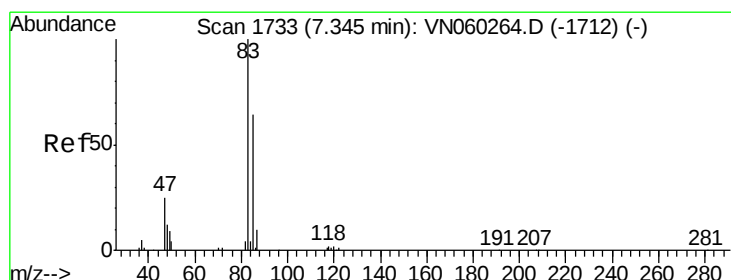
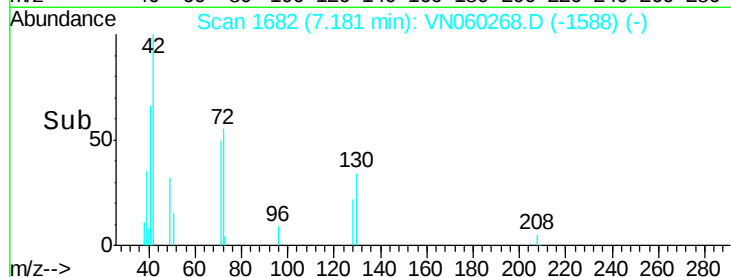
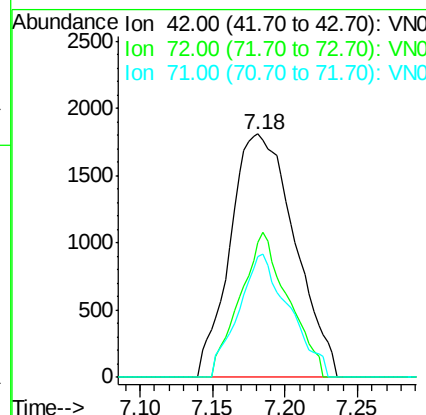
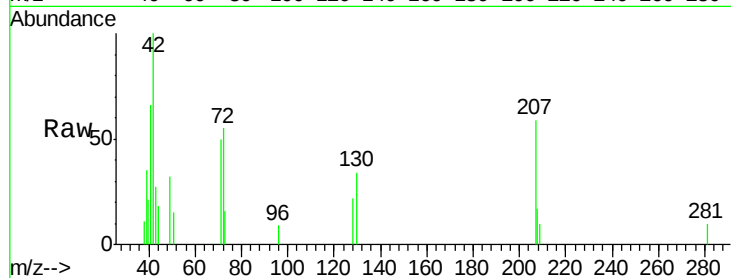
#29
Tetrahydrofuran
Concen: 4.778 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	34.6	52.0
71	39.7	32.9	49.3

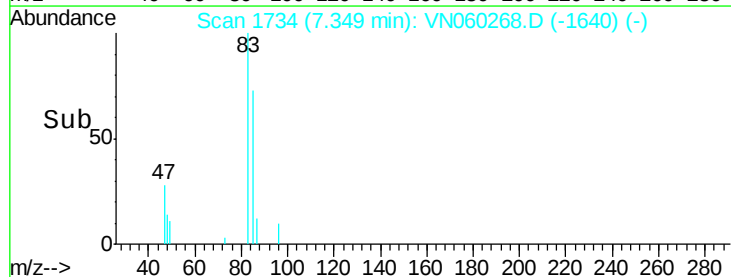
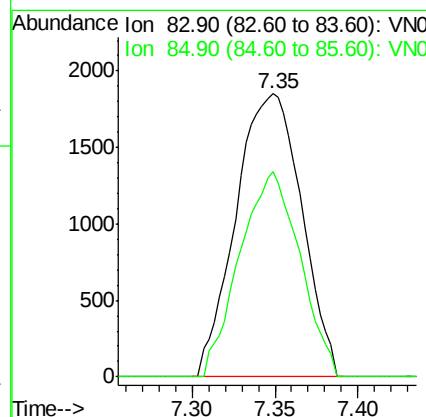
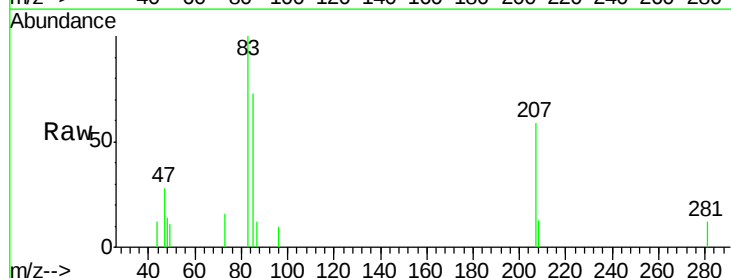
Manual Integrations
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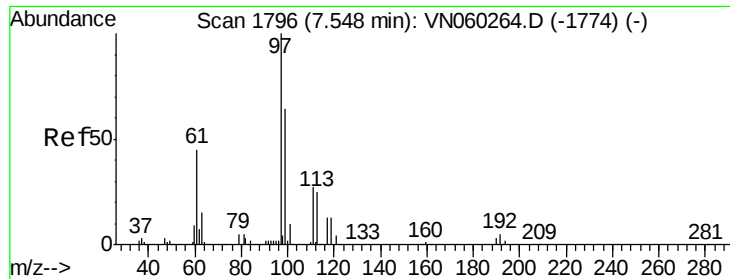
MMDadoda
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#30
Chloroform
Concen: 1.022 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	72.6	51.4	77.2





#32

1,1,1-Trichloroethane

Concen: 0.975 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

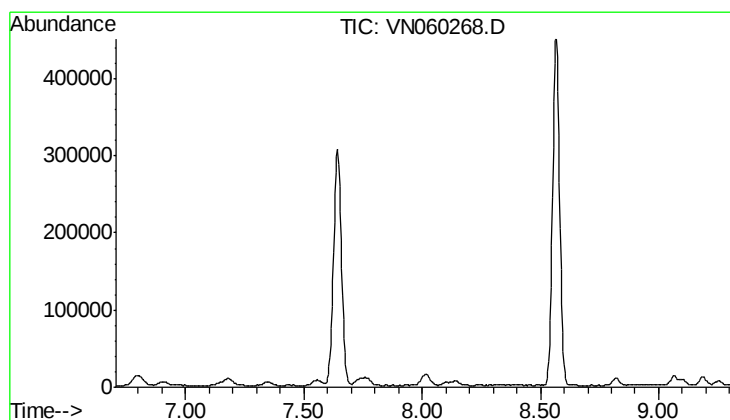
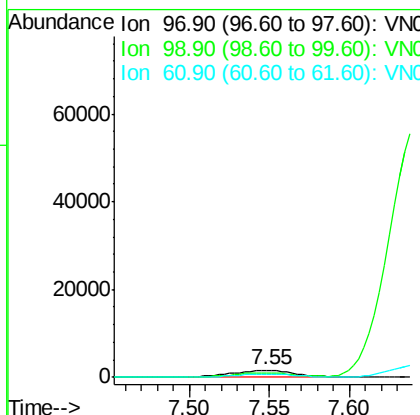
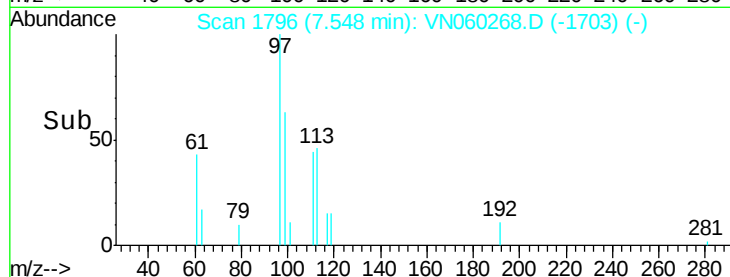
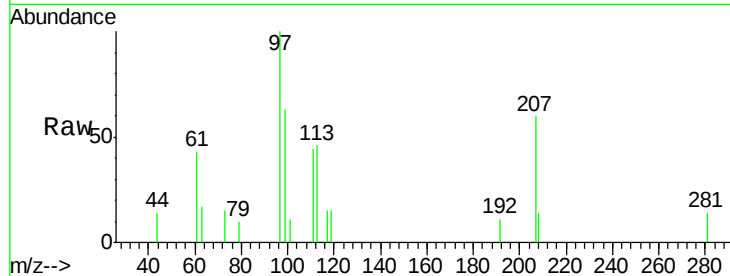
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	4337
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.4	77.0#
61	21.7	36.6	55.0#

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.00 min

Lab File: VN060268.D

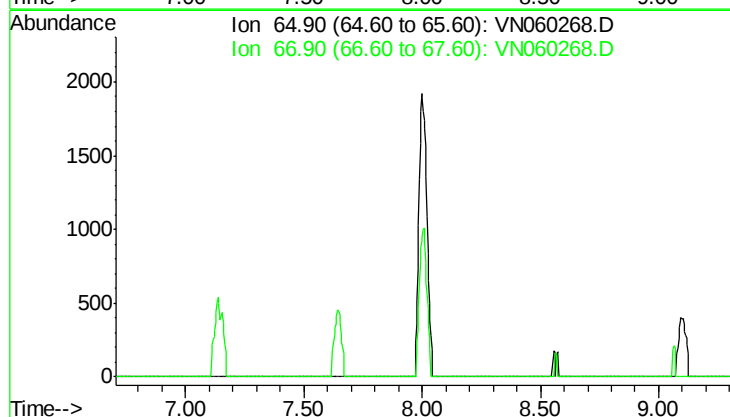
Acq: 27 Feb 2020 13:23

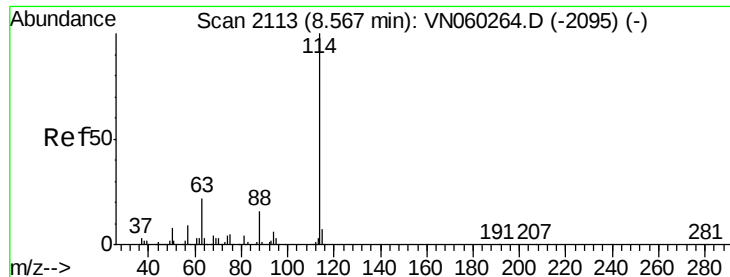
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.9





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

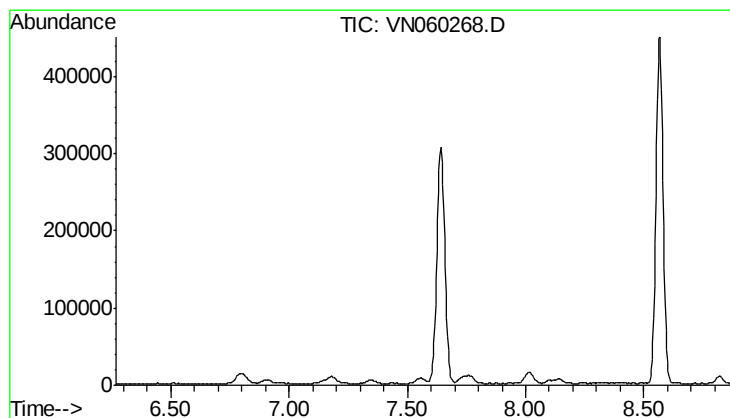
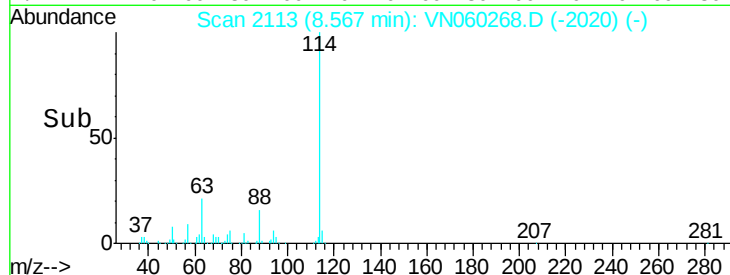
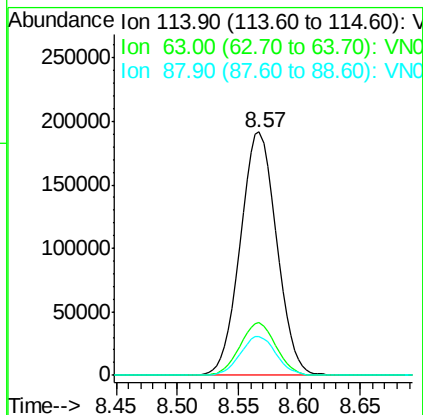
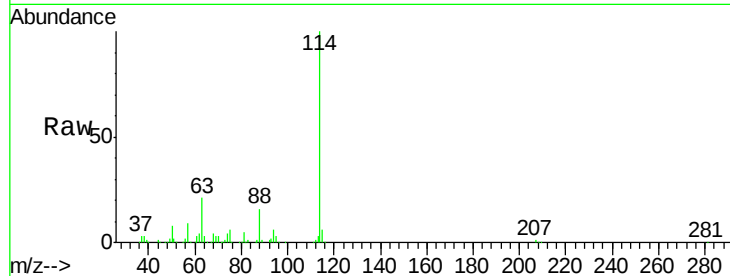
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	394264
Ion Ratio	Lower	Upper	
114	100		
63	21.5	0.0	43.2
88	15.9	0.0	31.6

Manual Integrations
APPROVED

MMDadoda
2/28/2020 12:31:18 PM



#35

Dibromofluoromethane

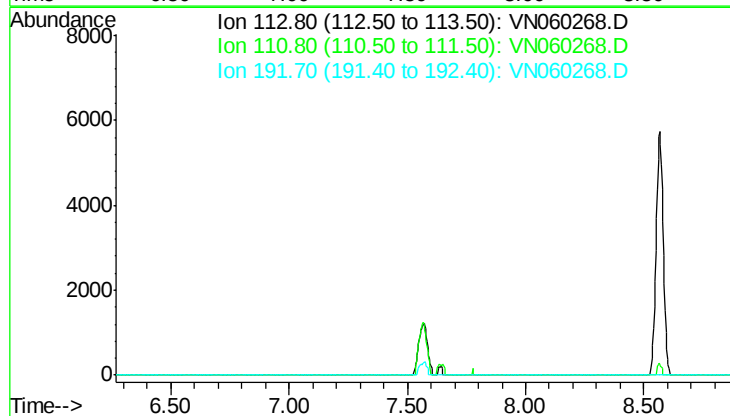
Concen: 0.000 ug/l

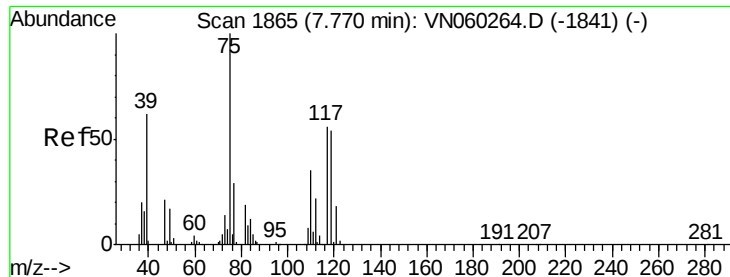
Expected RT: 7.57 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	103.0
192	20.2





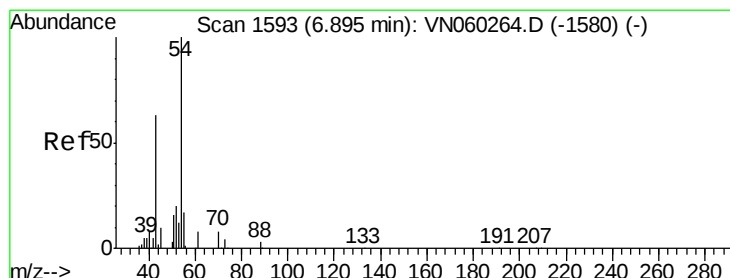
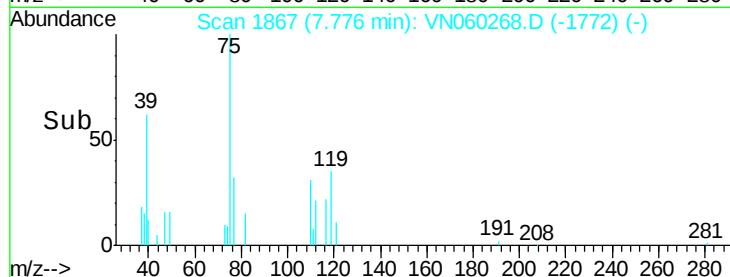
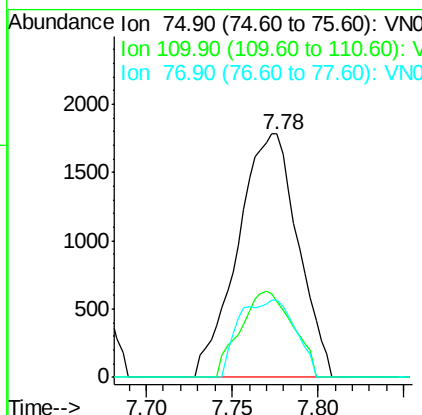
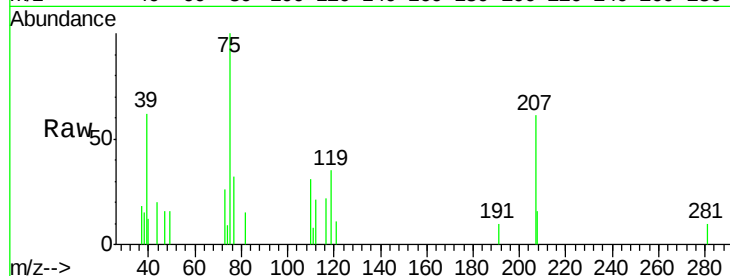
#36
 1,1-Dichloropropene
 Concen: 1.147 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	30.7	17.3	52.0
77	30.0	24.2	36.2

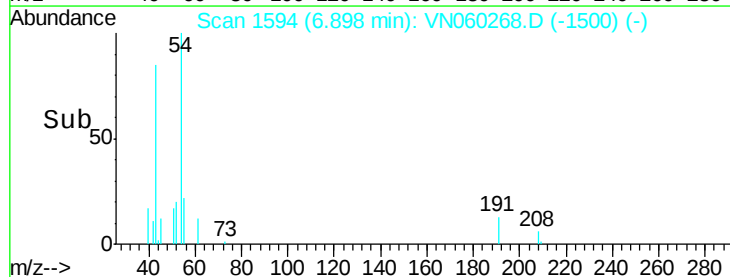
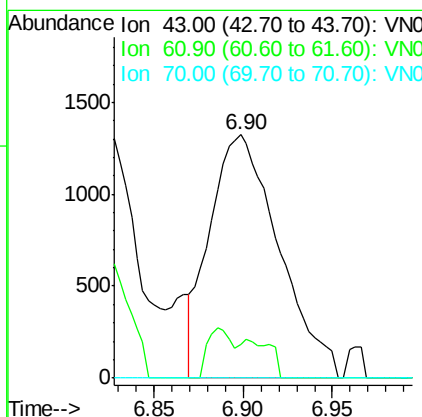
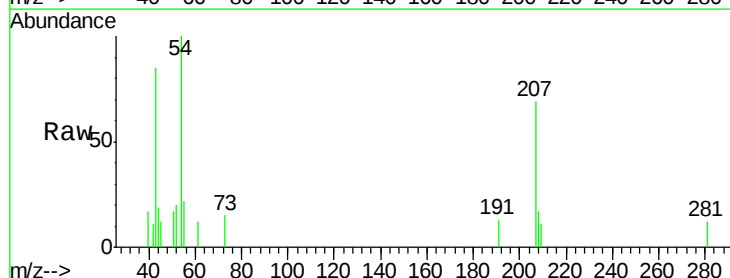
Manual Integrations
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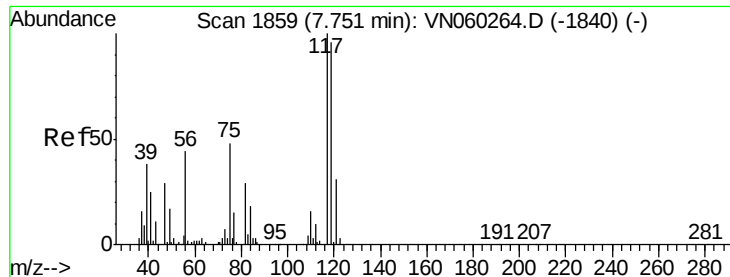
MMDadoda
 2/28/2020 12:31:18 PM



#37
 Ethyl Acetate
 Concen: 0.999 ug/l
 RT: 6.90 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
61	7.2	11.1	16.7#
70	0.0	8.4	12.6#





#38

Carbon Tetrachloride

Concen: 0.967 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

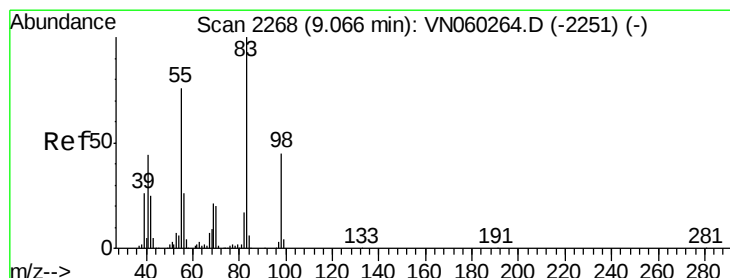
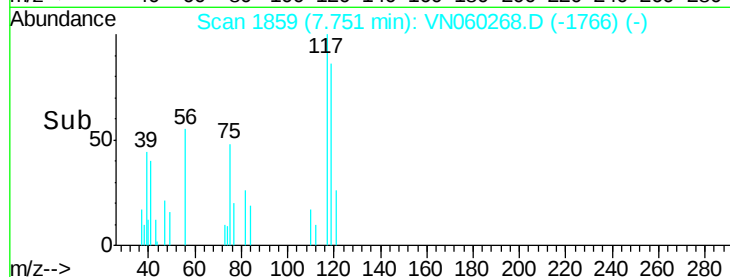
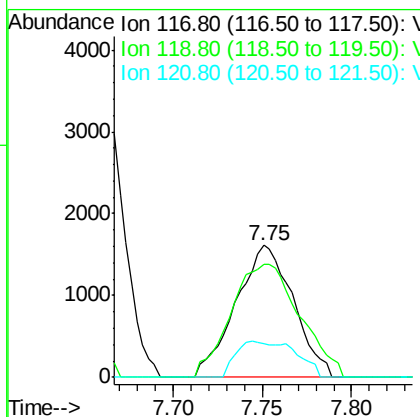
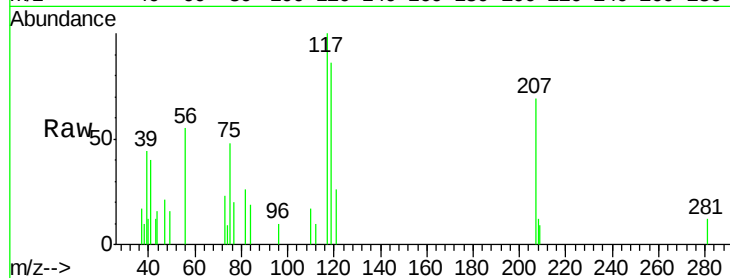
ClientSampled :

VSTDIC001

Tot Ion:	117	Resp:	3628
Ion	Ratio	Lower	Upper
117	100		
119	85.6	76.7	115.1
121	25.5	24.5	36.7

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.127 ug/l

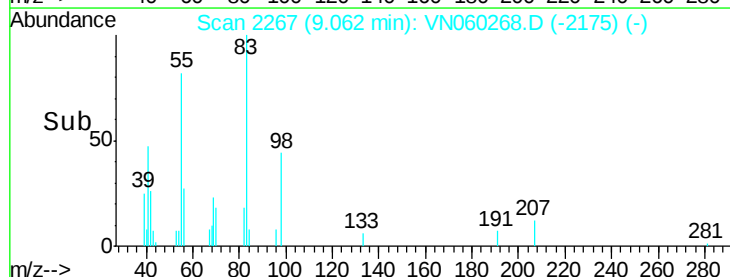
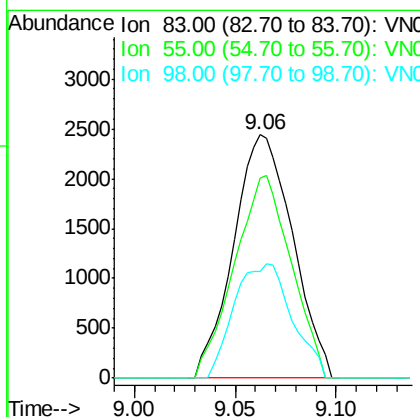
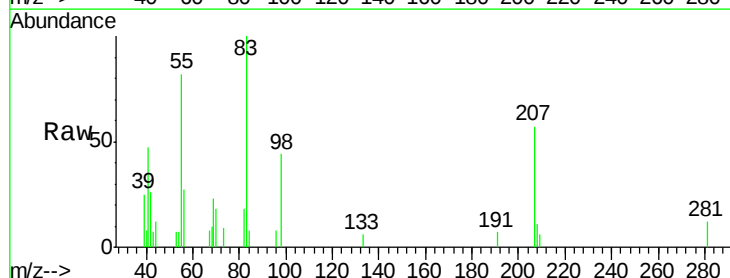
RT: 9.06 min Scan# 2267

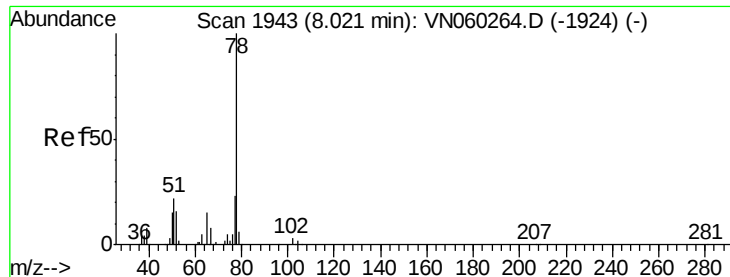
Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Tgt Ion:	83	Resp:	4990
Ion	Ratio	Lower	Upper
83	100		
55	82.3	61.0	91.4
98	44.1	36.1	54.1





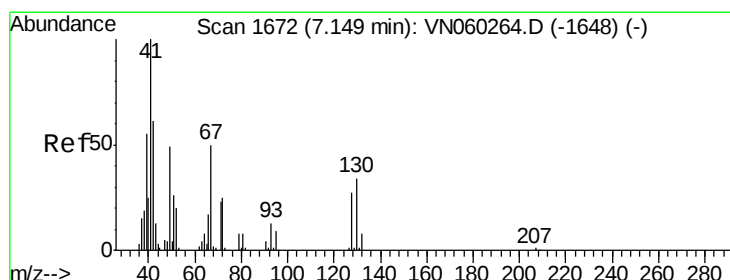
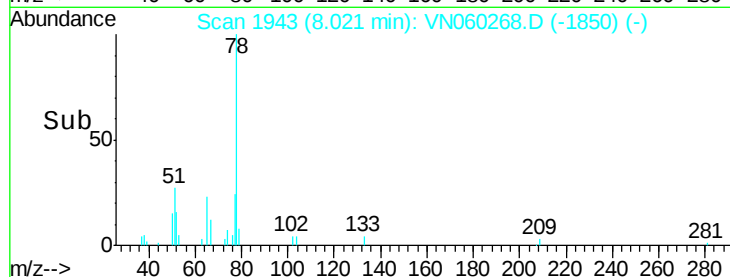
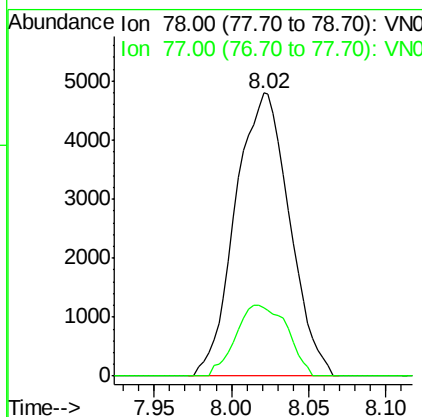
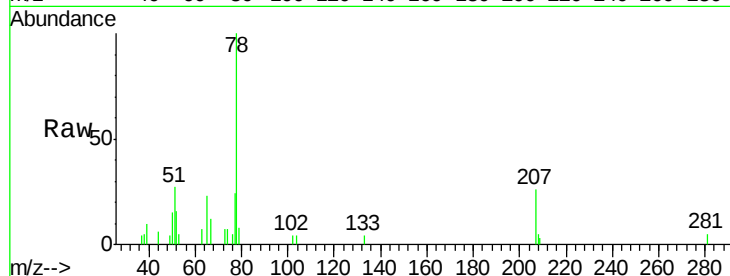
#40
Benzene
Concen: 1.047 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2

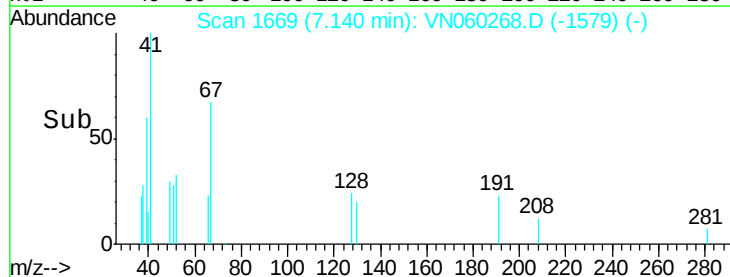
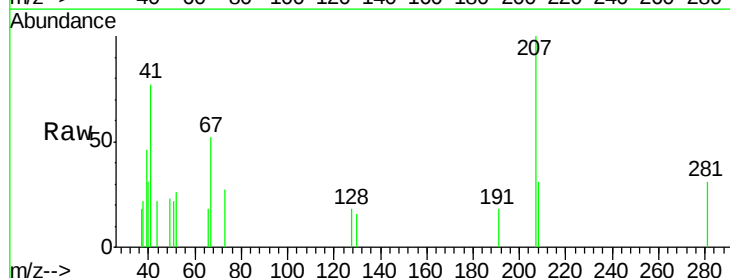
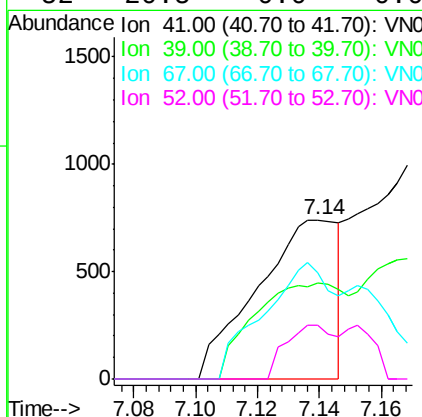
Manual Integrations
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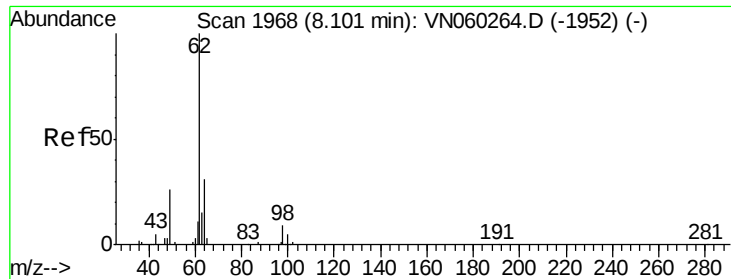
MMDadoda
2/28/2020 12:31:18 PM



#41
Methacrylonitrile
Concen: 0.793 ug/l
RT: 7.14 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.9	0.0	0.0#
67	62.4	0.0	0.0#
52	20.5	0.0	0.0#





#42

1,2-Dichloroethane

Concen: 1.020 ug/l

RT: 8.10 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

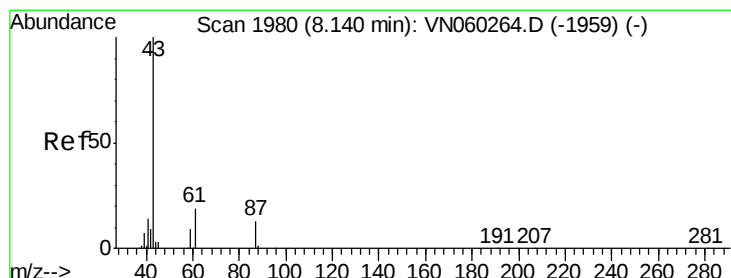
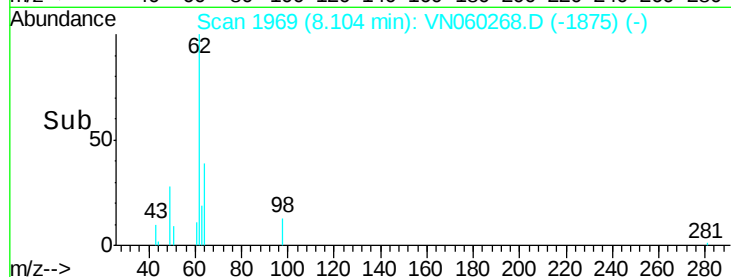
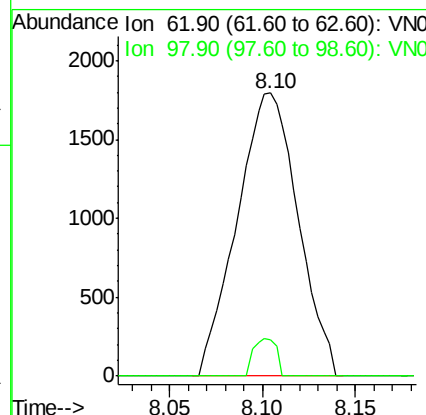
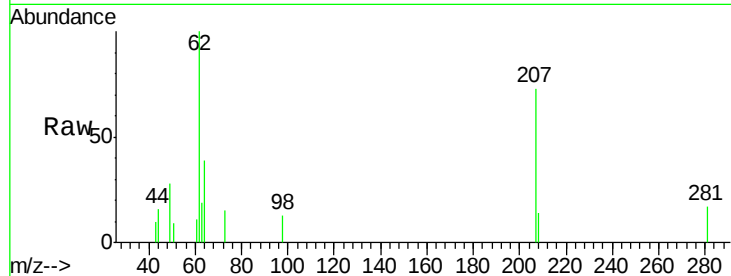
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	4.9	0.0	17.0

Manual Integrations
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#43

Isopropyl Acetate

Concen: 0.969 ug/l

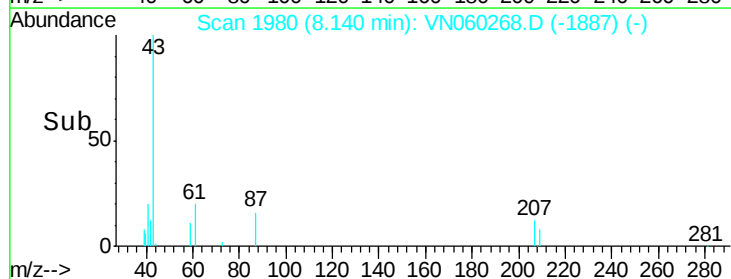
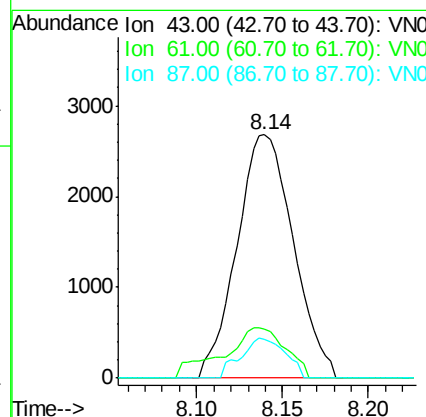
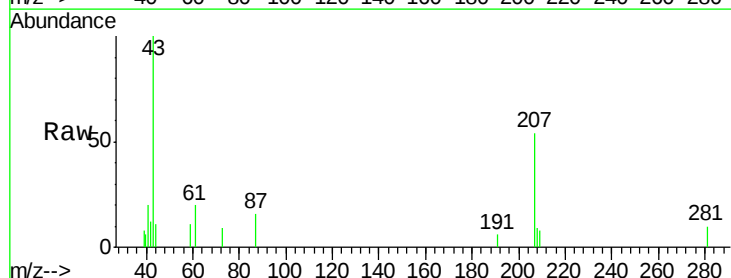
RT: 8.14 min Scan# 1980

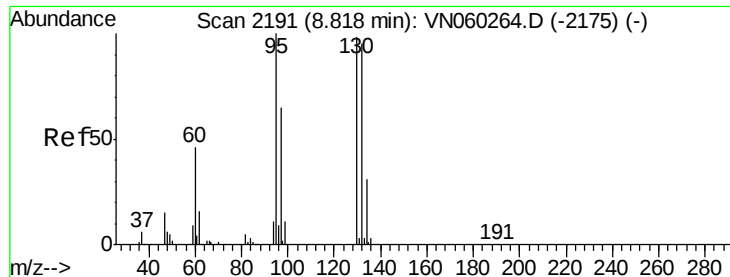
Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.0	20.9	31.3
87	12.9	10.6	16.0





#44

Trichloroethene

Concen: 1.137 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:130 Resp: 3497

Ion Ratio Lower Upper

130 100

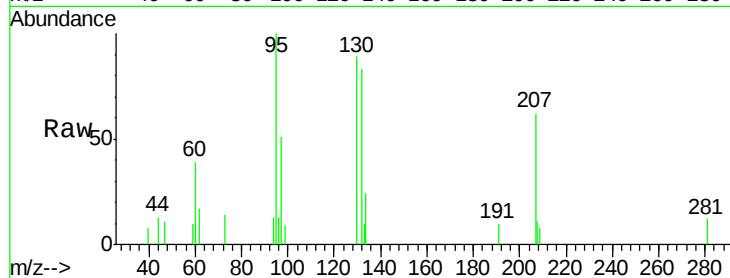
95 112.3 0.0 203.4

Manual Integrations

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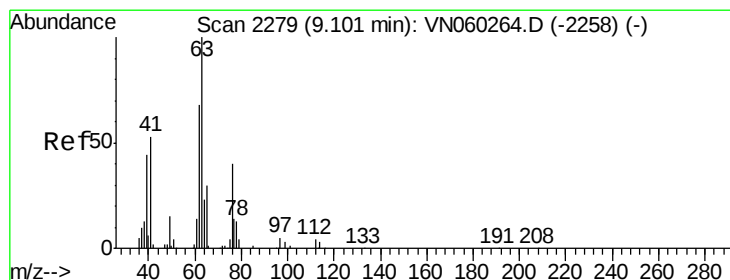
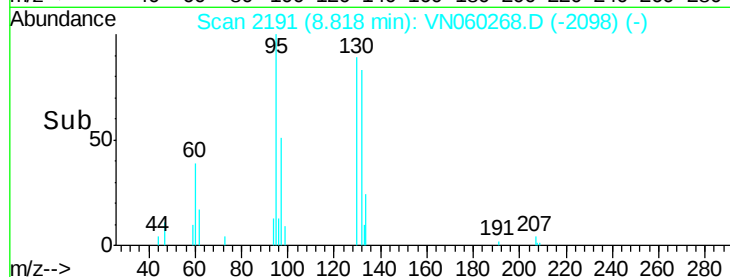
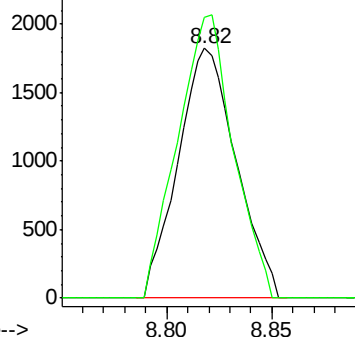
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#45

1,2-Dichloropropane

Concen: 0.906 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060268.D

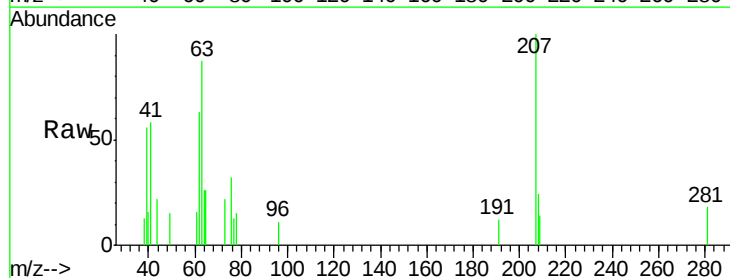
Acq: 27 Feb 2020 13:23

Tgt Ion: 63 Resp: 2688

Ion Ratio Lower Upper

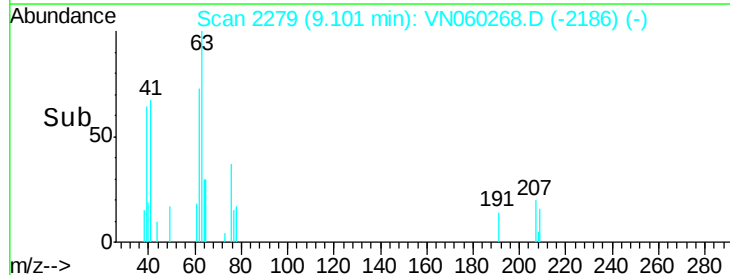
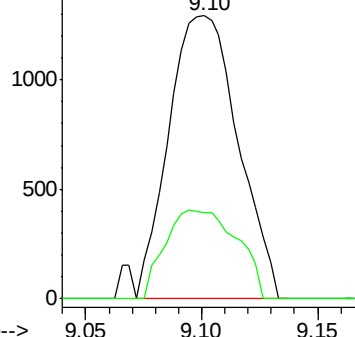
63 100

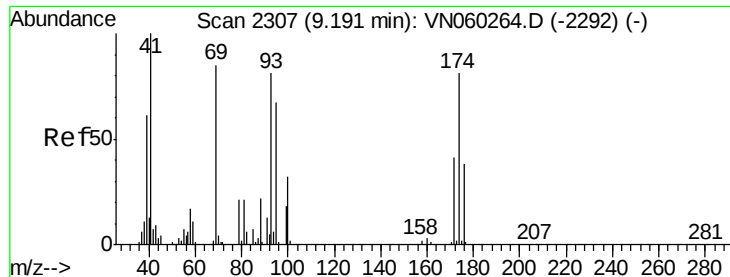
65 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





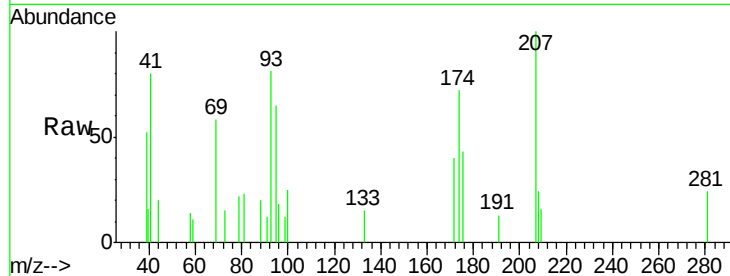
#46
Dibromomethane
Concen: 1.009 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.9	98.9
174	101.8	79.6	119.4

Manual Integrations
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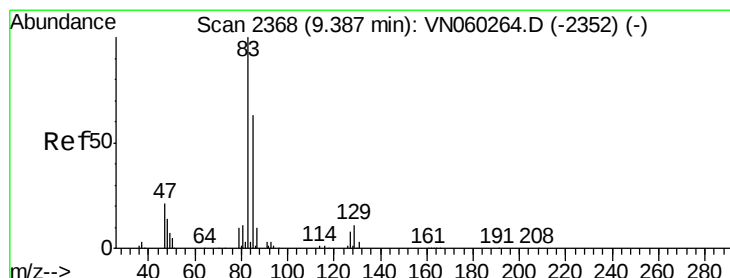
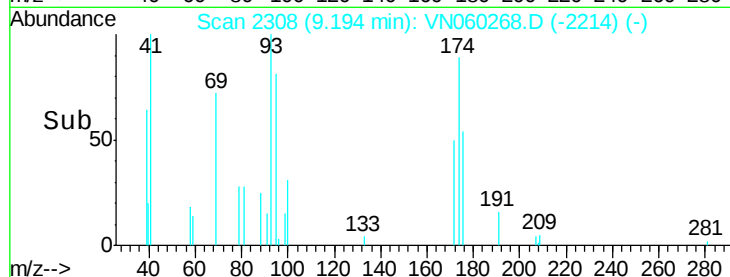
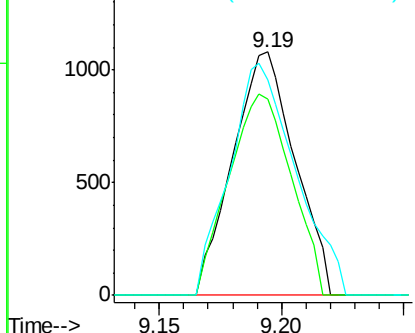


Abundance

Ion 92.80 (92.50 to 93.50): VN060268.D (-2292) (-)

Ion 94.80 (94.50 to 95.50): VN060268.D (-2292) (-)

Ion 173.70 (173.40 to 174.40): VN060268.D (-2292) (-)



#47
Bromodichloromethane
Concen: 0.982 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

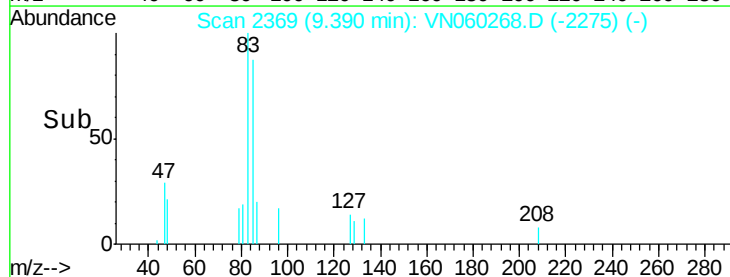
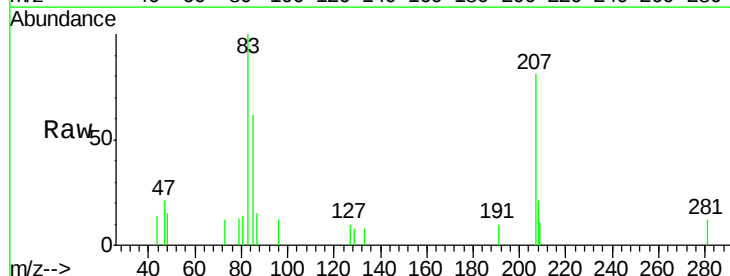
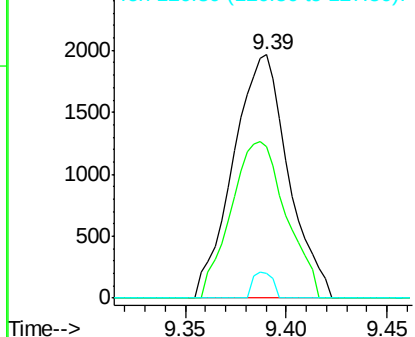
Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.7	76.1
127	10.1	6.8	10.2

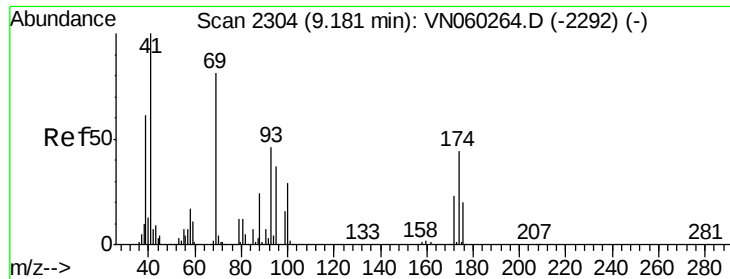
Abundance

Ion 82.90 (82.60 to 83.60): VN060268.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060268.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060268.D (-2275) (-)





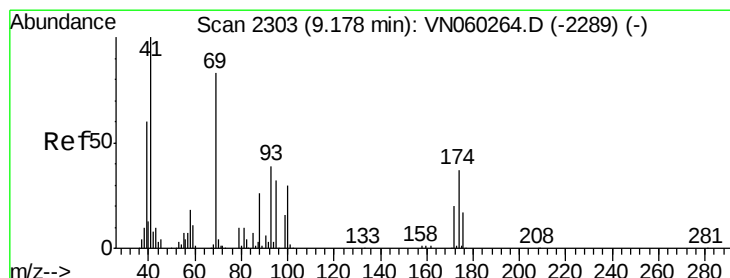
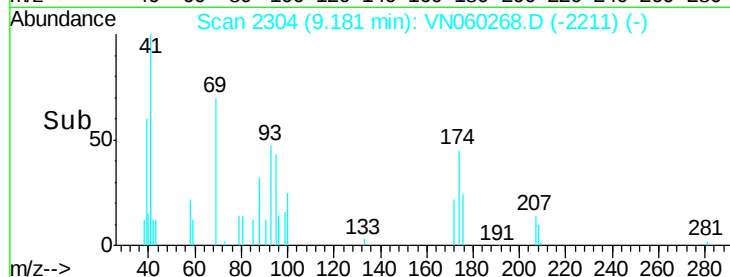
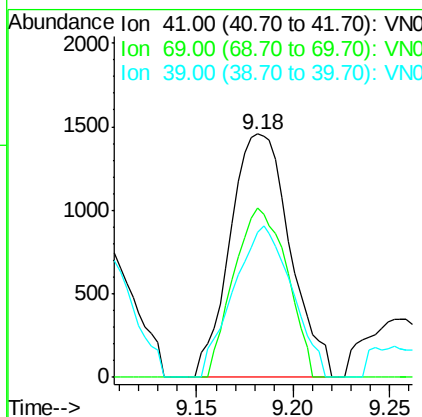
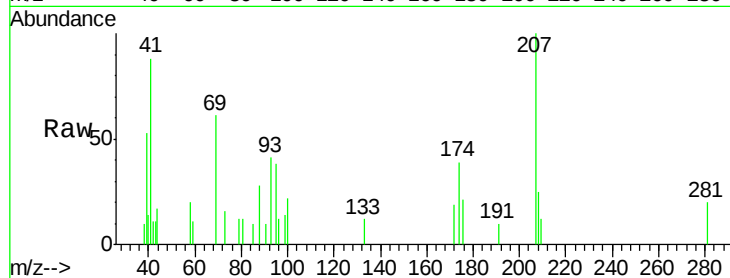
#48
Methvl methacrylate
Concen: 1.101 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
41	100	3138		
69	61.8	66.7	100.1#	
39	60.5	50.1	75.1	

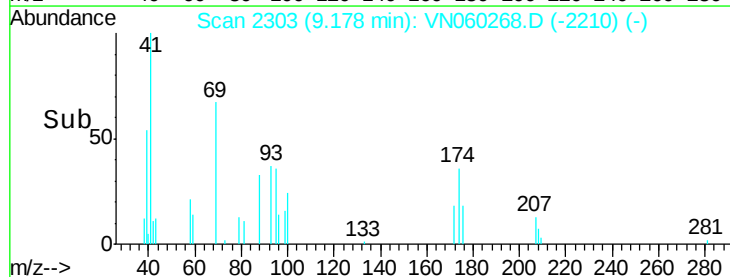
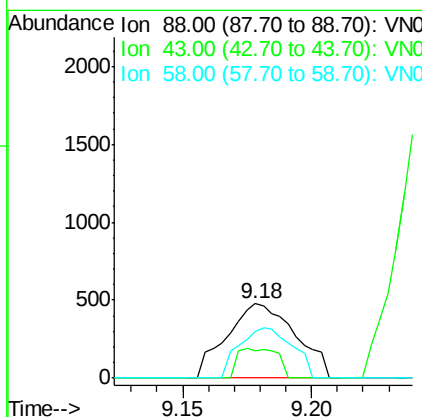
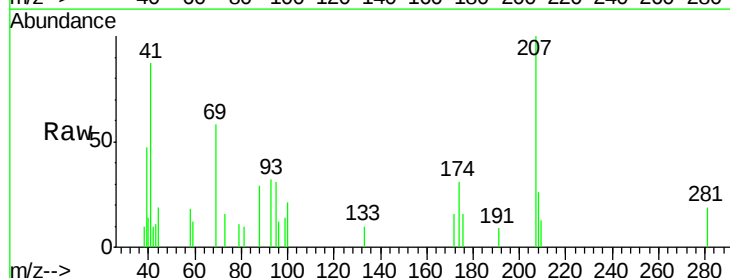
Manual Integrations
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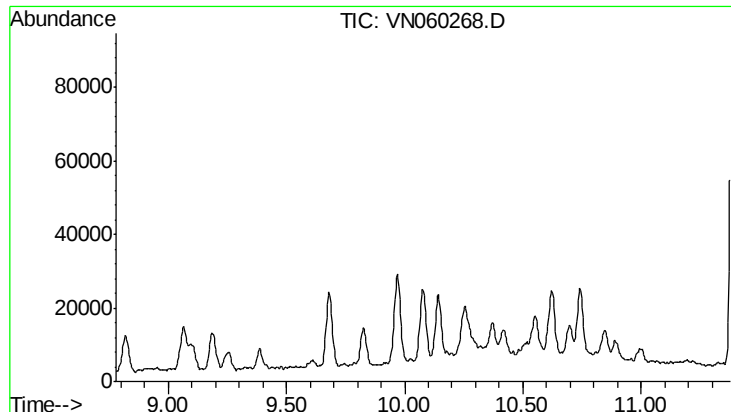
MMDadoda
2/28/2020 12:31:18 PM



#49
1,4-Dioxane
Concen: 21.459 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	885		
43	23.1	30.4	45.6#	
58	52.4	57.0	85.6#	





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.08 min

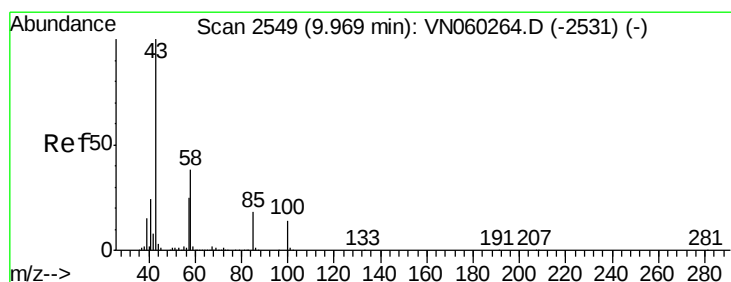
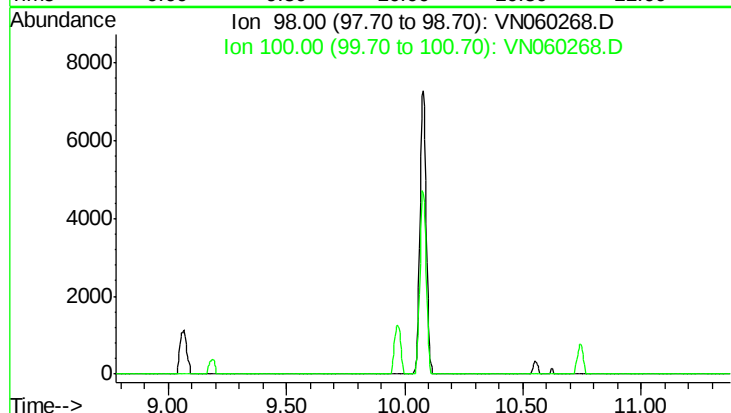
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.2

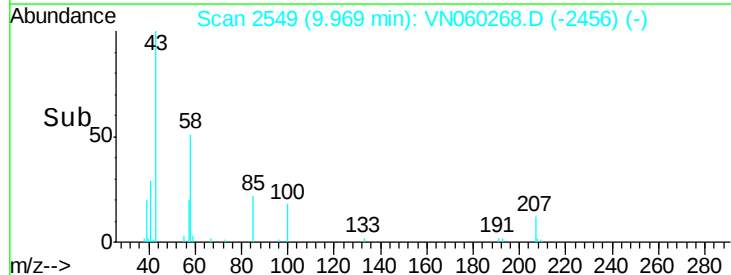
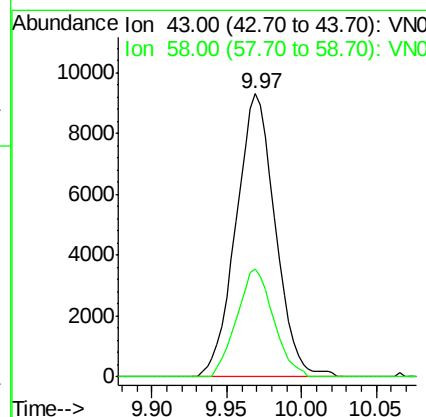
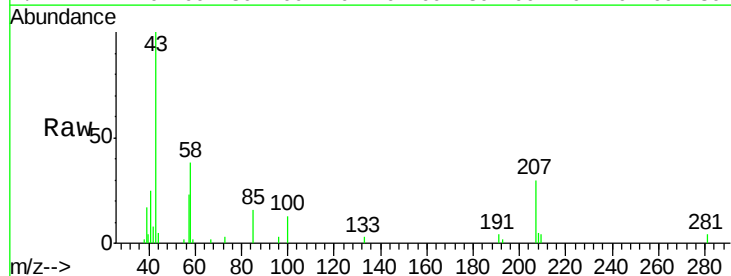
Manual Integrations
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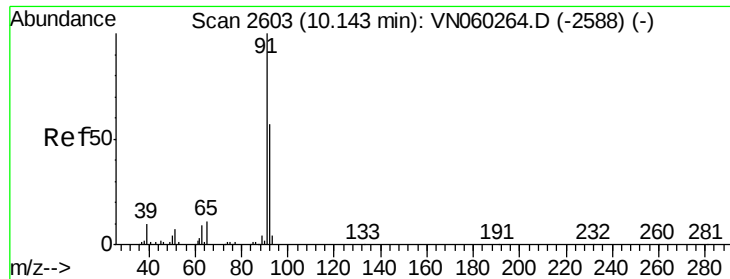
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#51
4-Methyl-2-Pentanone
Concen: 4.765 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Tgt Ion: 43 Resp: 17013
Ion Ratio Lower Upper
43 100
58 35.6 30.9 46.3





#52

Toluene

Concen: 1.043 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 7241

Ion Ratio Lower Upper

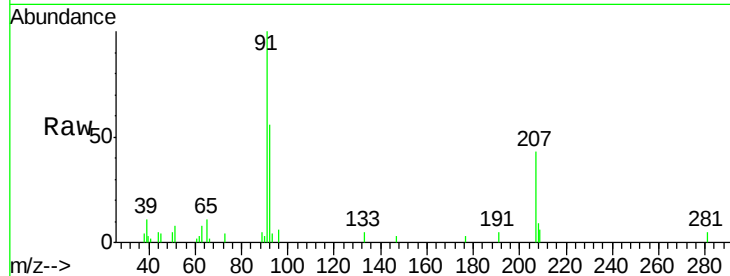
92 100

91 173.7 138.1 207.1

Manual Integrations
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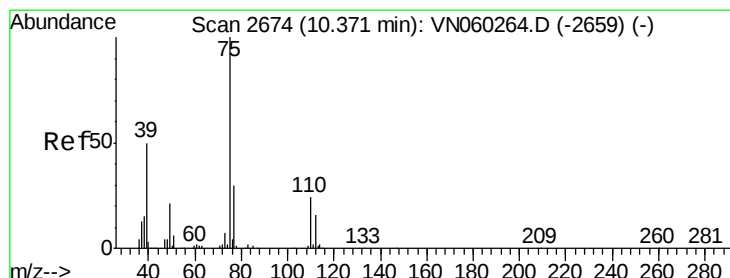
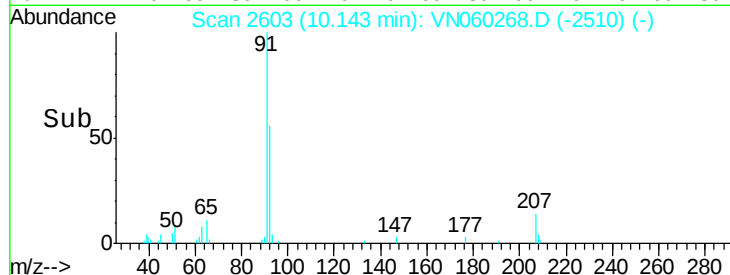
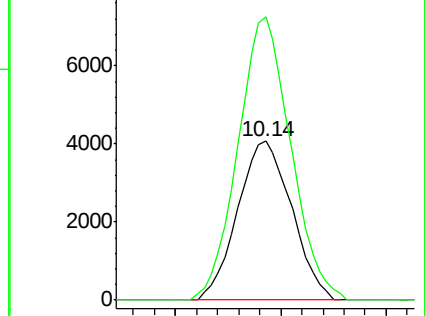
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Abundance Ion 92.00 (91.70 to 92.70): VN060268.D (-2510) (-)

Ion 91.00 (90.70 to 91.70): VN060268.D (-2510) (-)



#53

t-1,3-Dichloropropene

Concen: 1.099 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060268.D

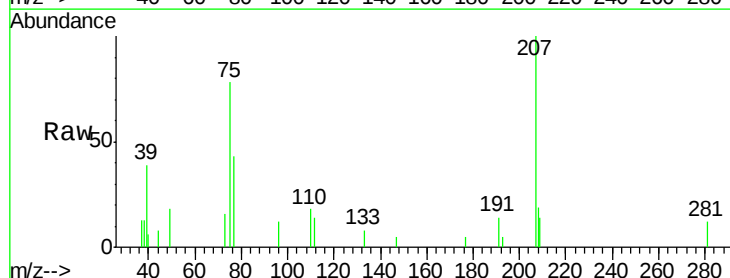
Acq: 27 Feb 2020 13:23

Tgt Ion: 75 Resp: 5093

Ion Ratio Lower Upper

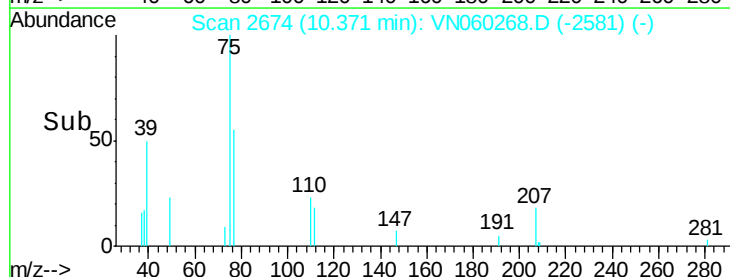
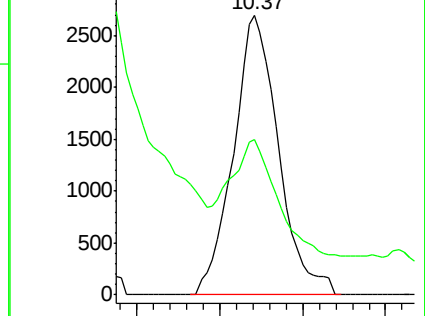
75 100

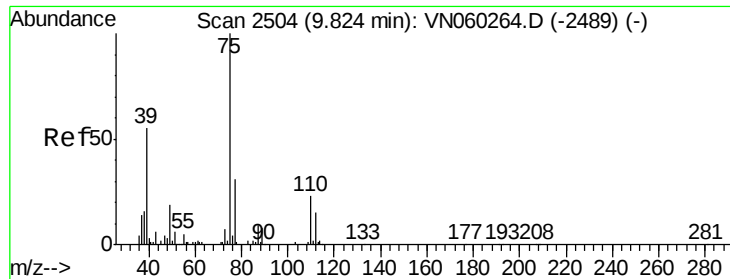
77 41.3 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN060268.D (-2581) (-)

Ion 76.90 (76.60 to 77.60): VN060268.D (-2581) (-)





#54

cis-1,3-Dichloropropene

Concen: 1.013 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

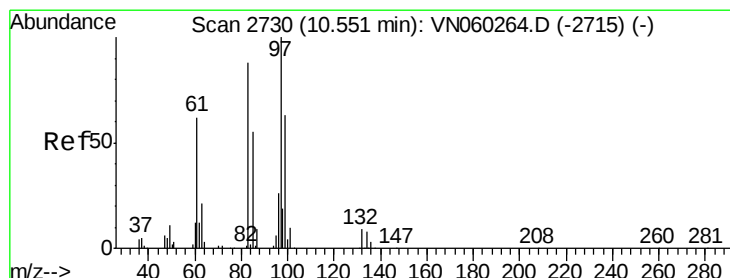
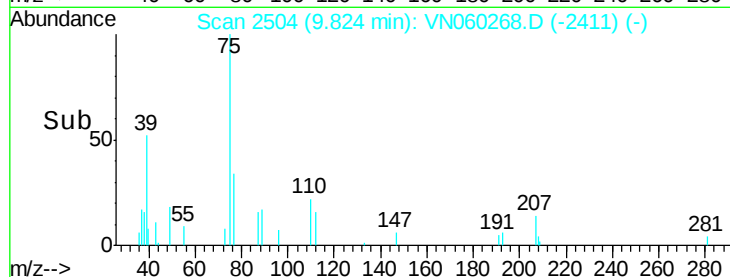
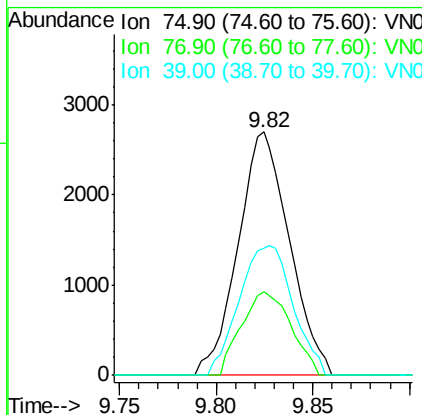
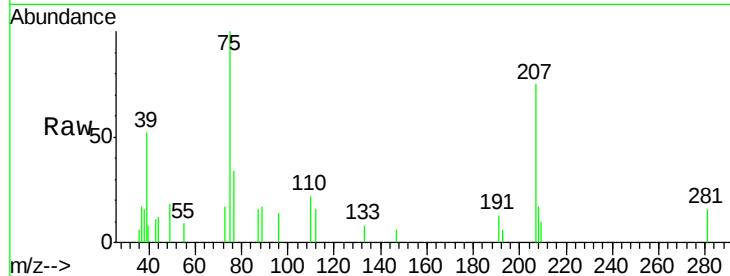
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	4971
Ion	Ratio	Lower	Upper
75	100		
77	34.3	24.8	37.2
39	52.4	43.8	65.8

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#55

1,1,2-Trichloroethane

Concen: 1.118 ug/l

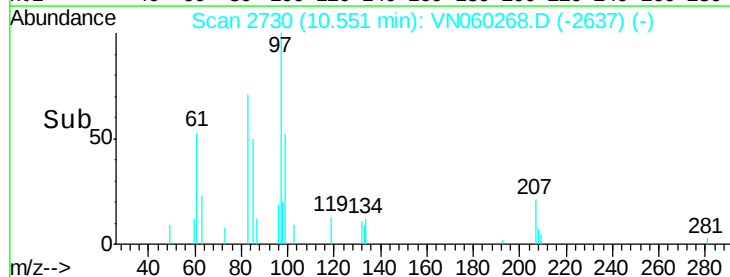
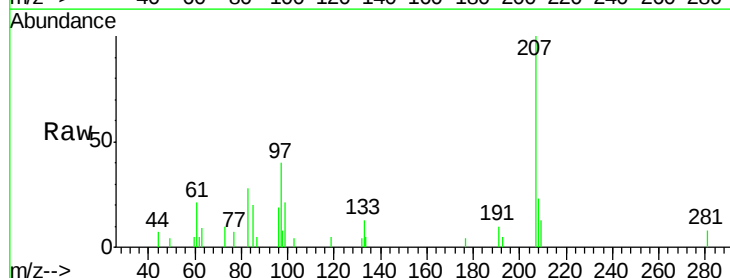
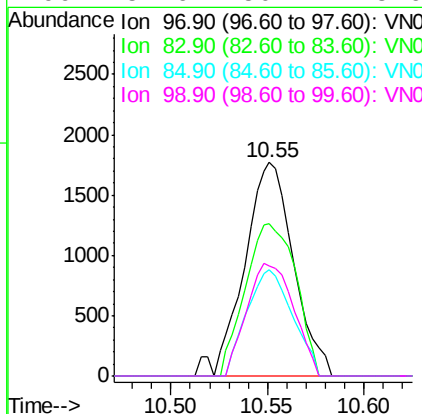
RT: 10.55 min Scan# 2730

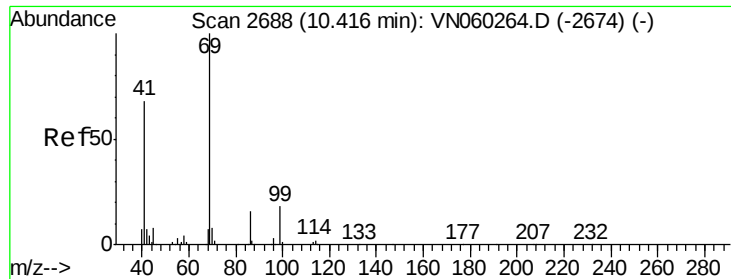
Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Tgt Ion:	97	Resp:	3139
Ion	Ratio	Lower	Upper
97	100		
83	71.2	70.0	105.0
85	49.8	44.0	66.0
99	51.6	50.4	75.6





#56

Ethyl methacrylate

Concen: 0.876 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

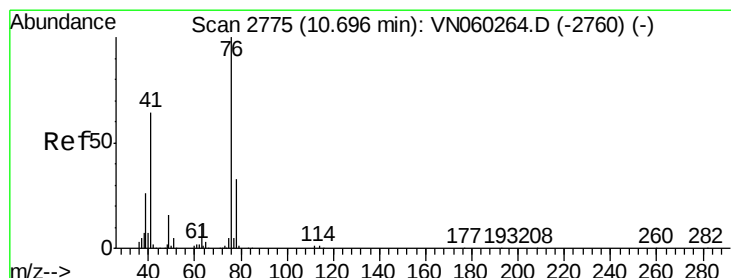
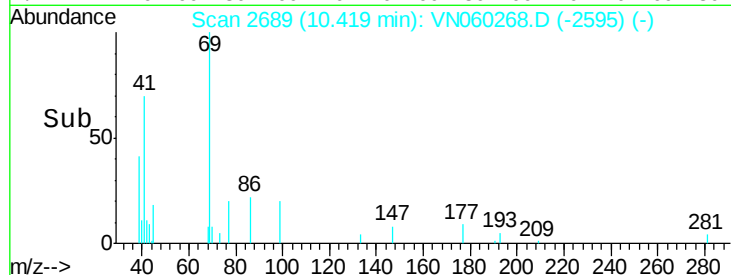
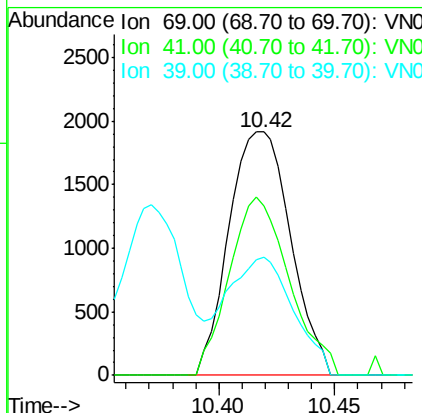
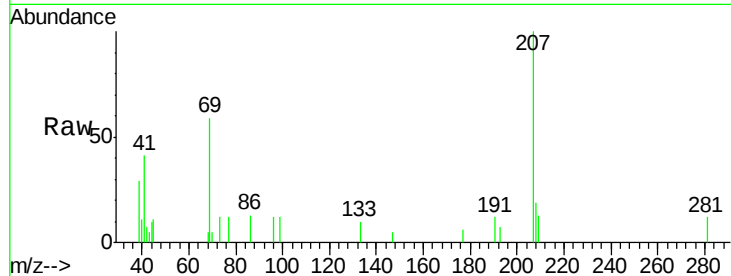
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	3537
Ion	Ratio	Lower	Upper
69	100		
41	71.3	54.1	81.1
39	53.5	32.5	48.7#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.994 ug/l

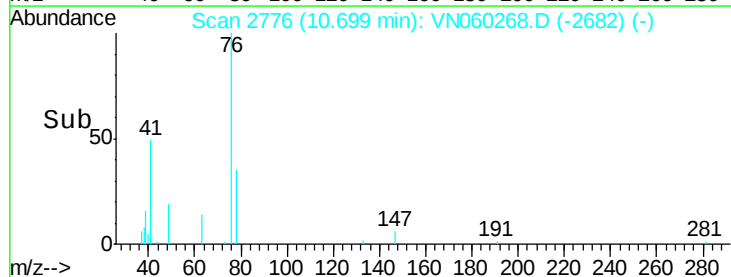
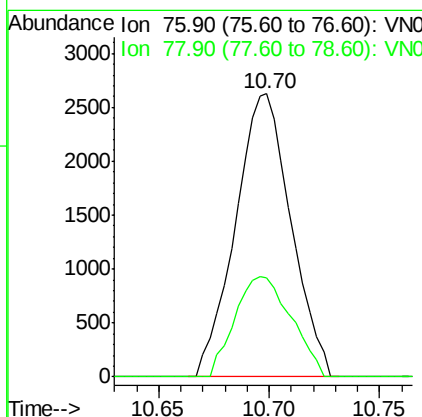
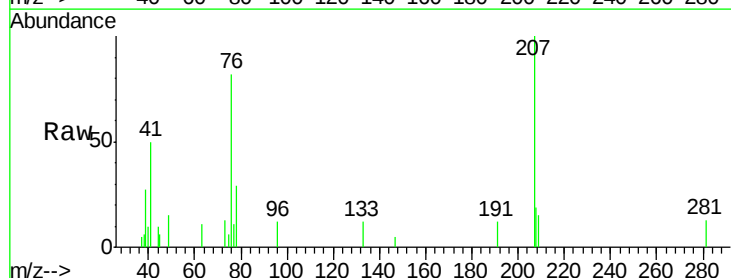
RT: 10.70 min Scan# 2776

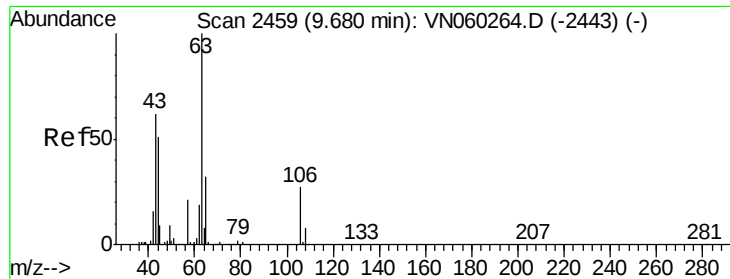
Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Tgt Ion:	76	Resp:	4577
Ion	Ratio	Lower	Upper
76	100		
78	35.9	26.2	39.2





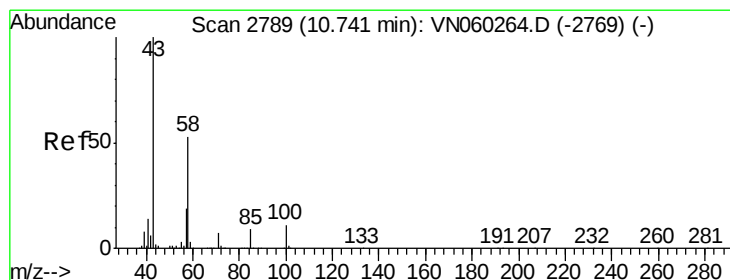
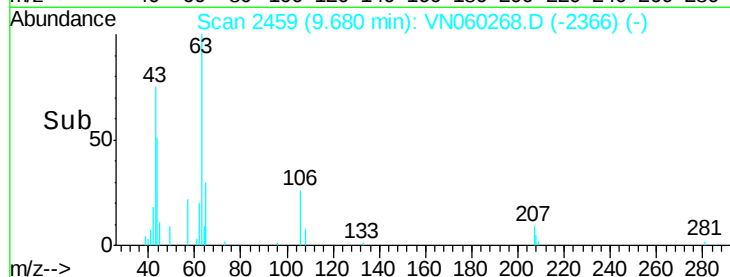
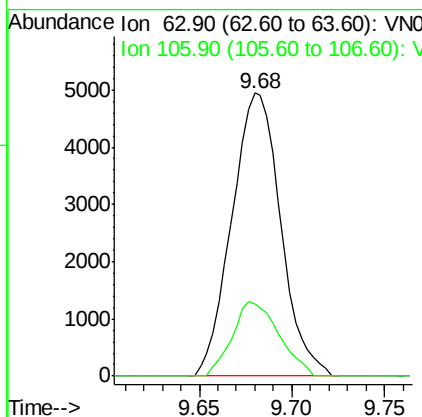
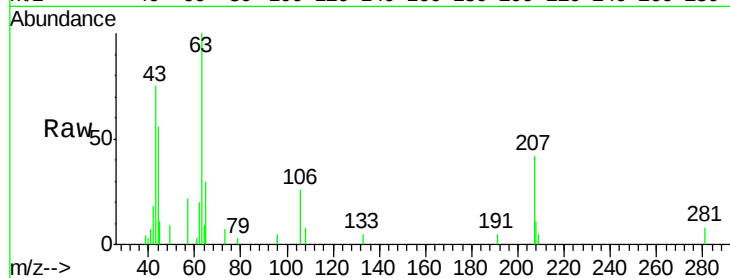
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.200 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 63 Resp: 9079
 Ion Ratio Lower Upper
 63 100
 106 25.1 21.1 31.7

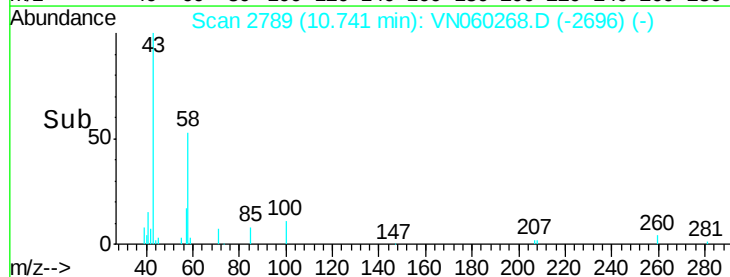
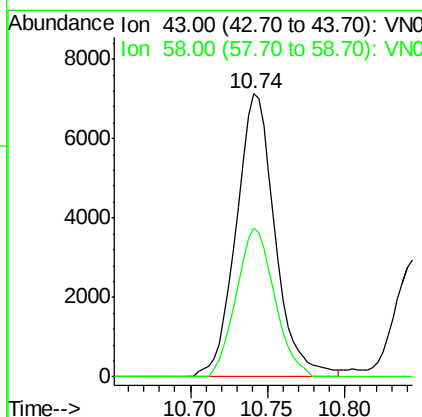
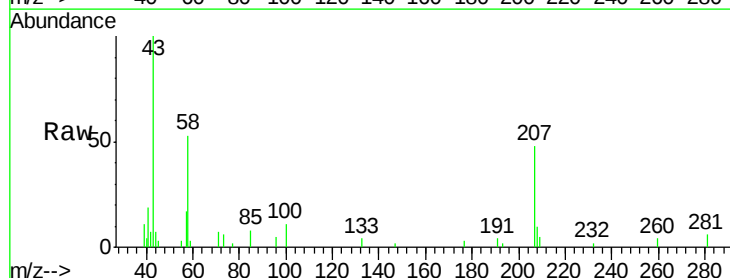
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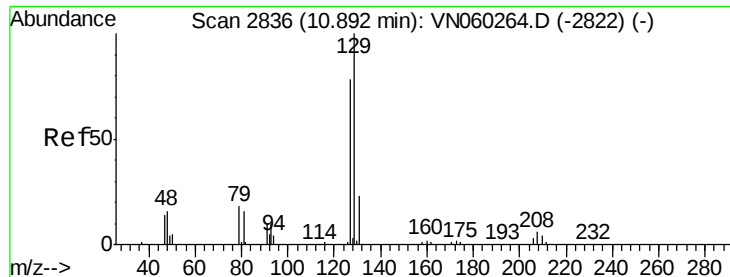
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#59
 2-Hexanone
 Concen: 4.712 ug/l
 RT: 10.74 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Tgt Ion: 43 Resp: 12486
 Ion Ratio Lower Upper
 43 100
 58 51.6 26.5 79.5





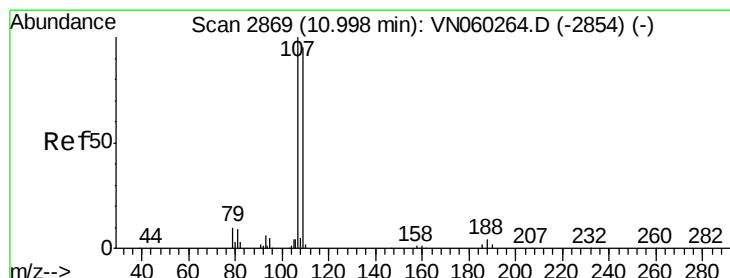
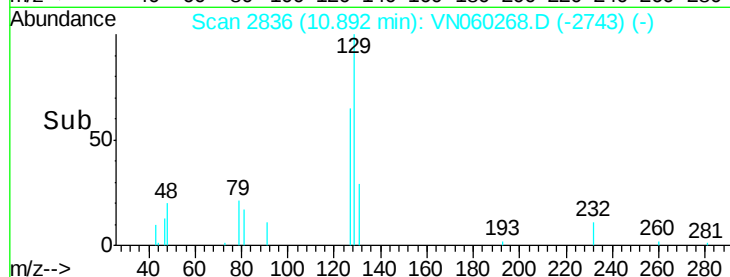
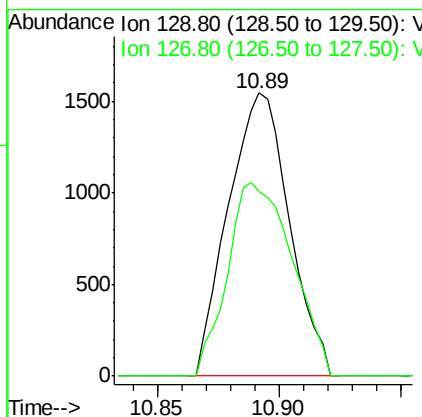
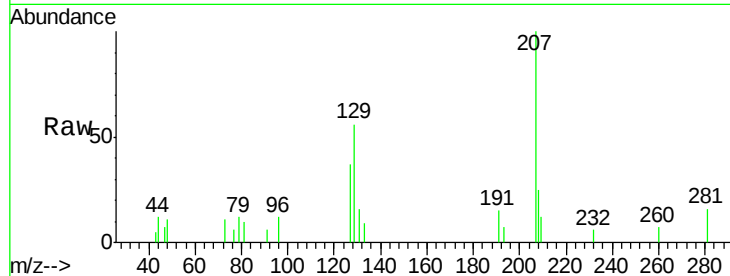
#60
Dibromochloromethane
Concen: 0.947 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:129 Resp: 2678
Ion Ratio Lower Upper
129 100
127 72.6 38.9 116.7

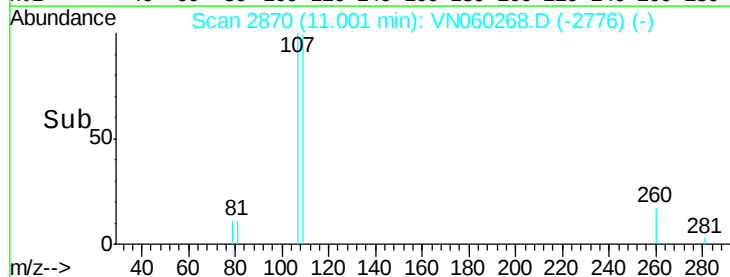
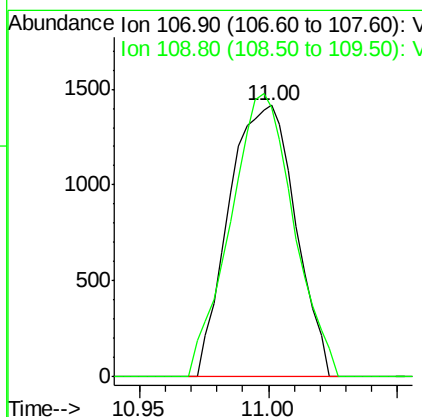
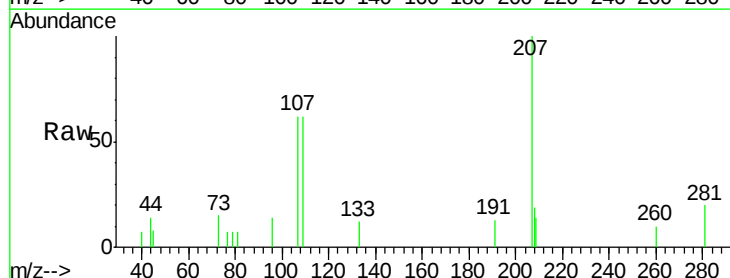
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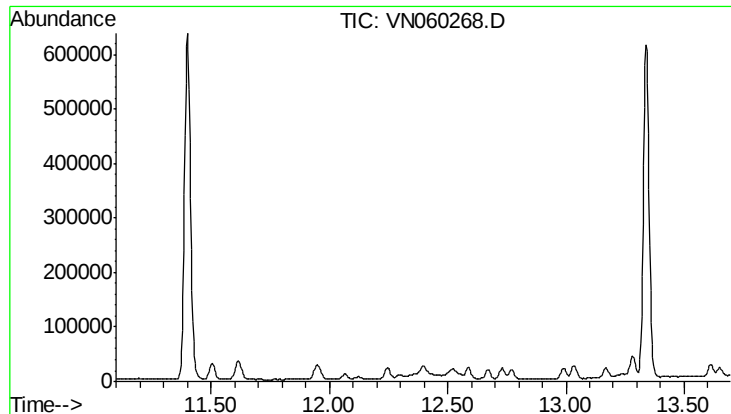
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#61
1,2-Dibromoethane
Concen: 0.924 ug/l
RT: 11.00 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Tgt Ion:107 Resp: 2540
Ion Ratio Lower Upper
107 100
109 99.7 76.8 115.2





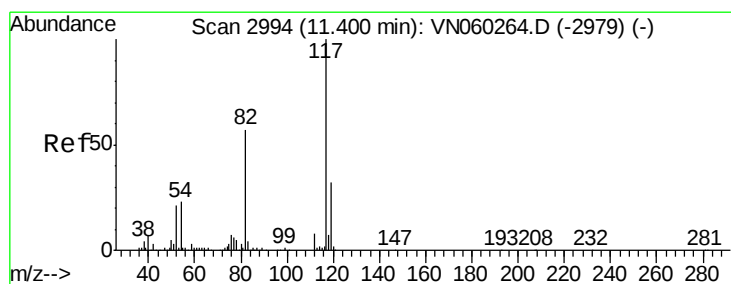
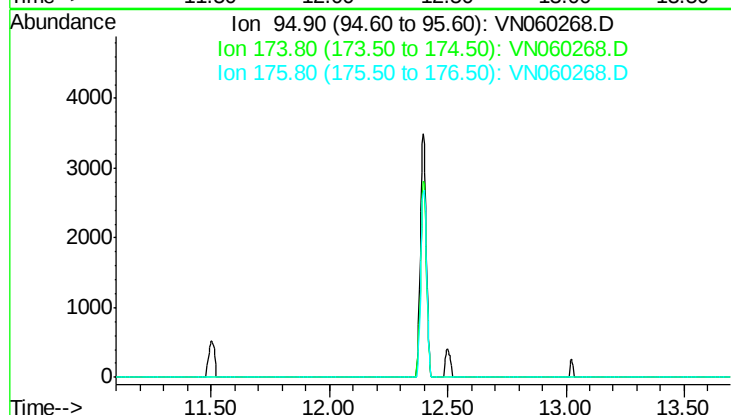
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.40 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	79.6
176	76.9

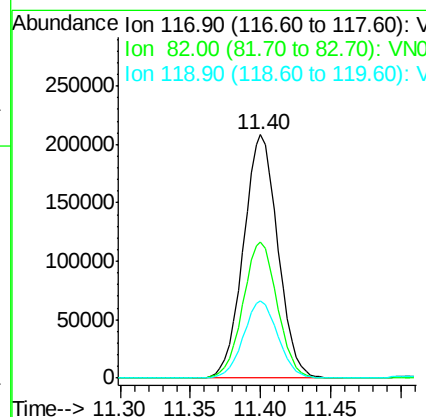
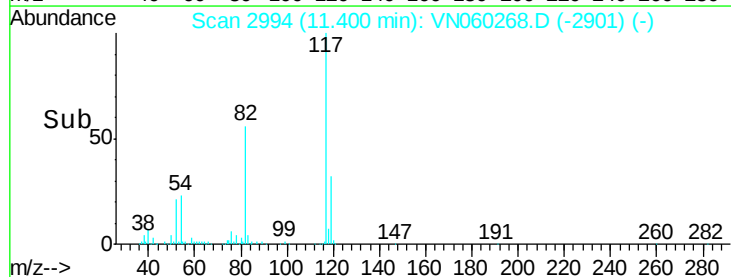
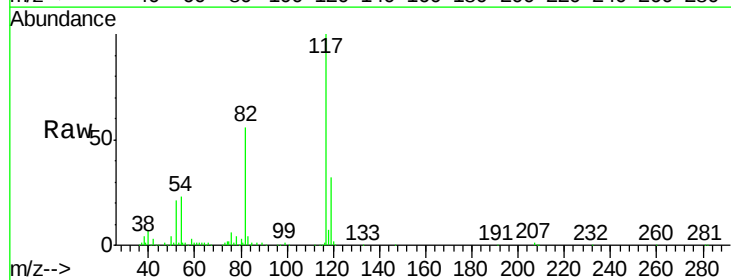
Manual Integrations
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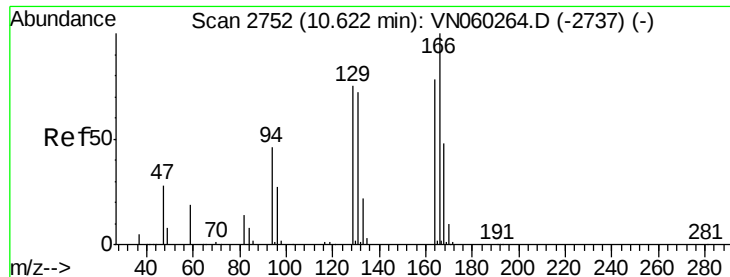
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2994
 Delta R.T. -0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Tgt Ion	117	Resp	355895
Ion Ratio	Lower	Upper	
117	100		
82	56.1	45.8	68.6
119	31.8	25.8	38.8





#64

Tetrachloroethene

Concen: 1.251 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 3940

Ion Ratio Lower Upper

164 100

166 140.2 102.0 153.0

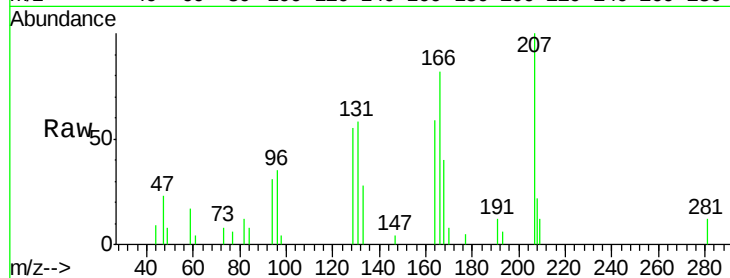
129 93.8 76.4 114.6

131 98.7 73.6 110.4

Manual Integrations
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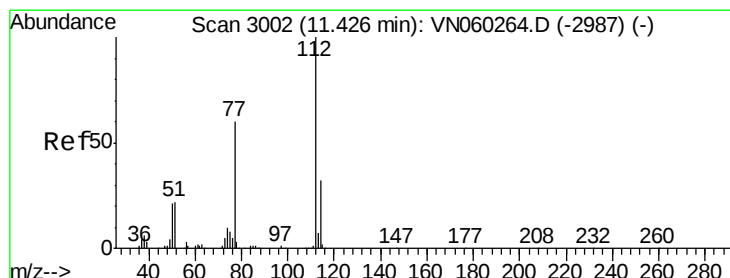
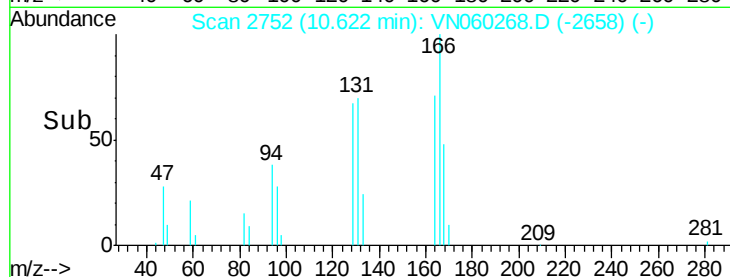
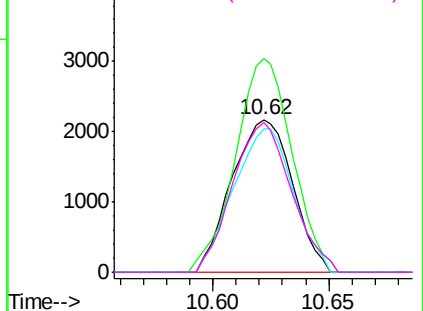


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.099 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. 0.00 min

Lab File: VN060268.D

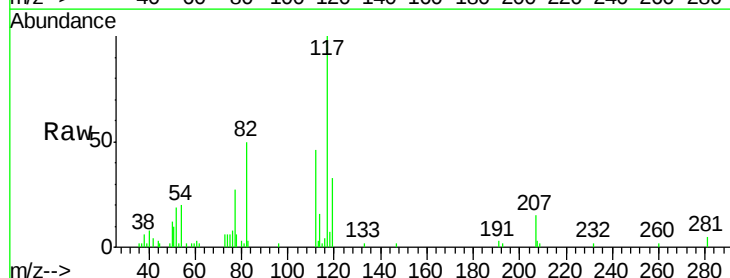
Acq: 27 Feb 2020 13:23

Tgt Ion:112 Resp: 7981

Ion Ratio Lower Upper

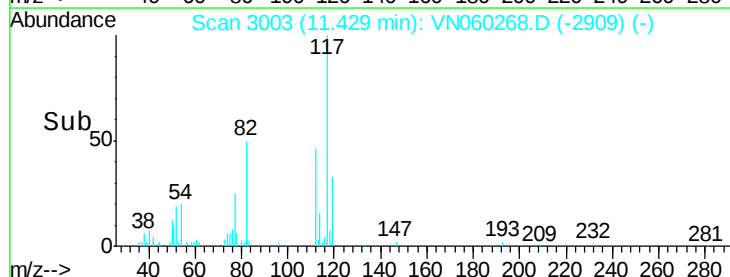
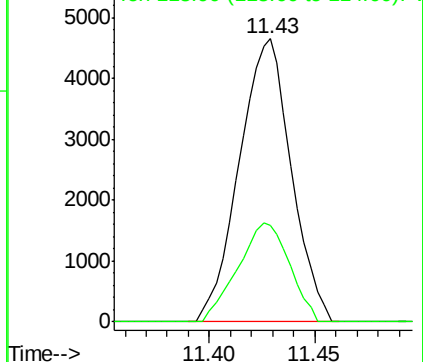
112 100

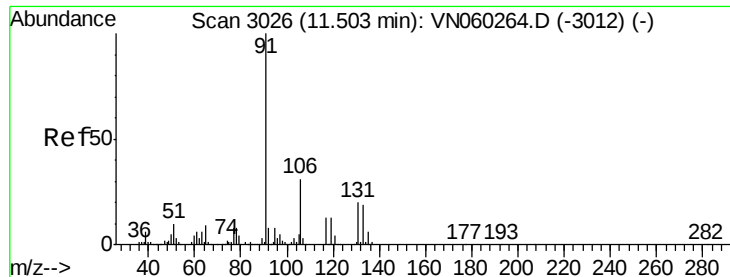
114 34.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.996 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:131 Resp: 2698

Ion Ratio Lower Upper

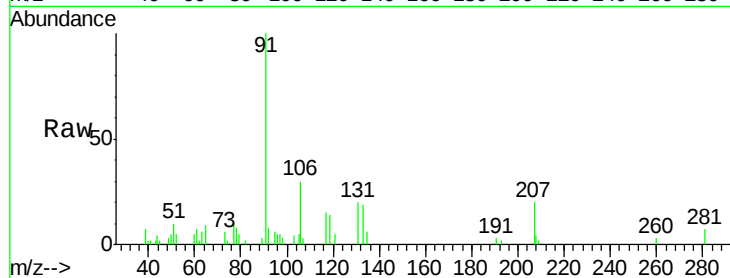
131 100

133 101.4 47.7 143.1

119 0.0 33.2 99.6#

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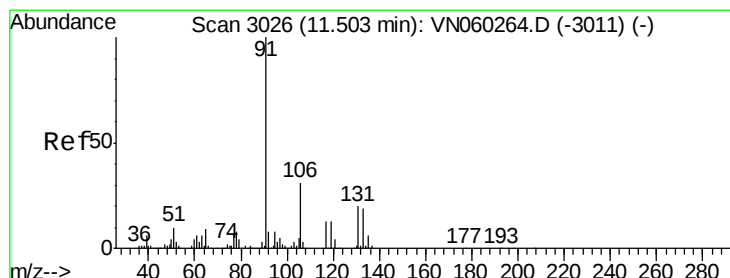
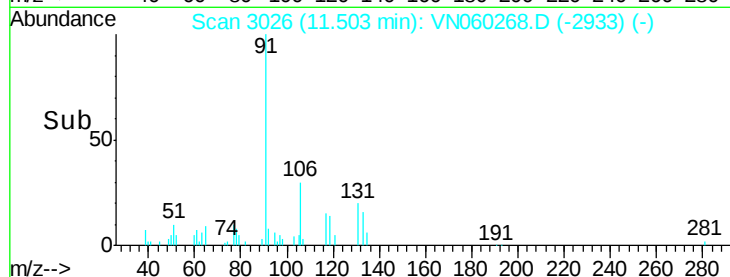
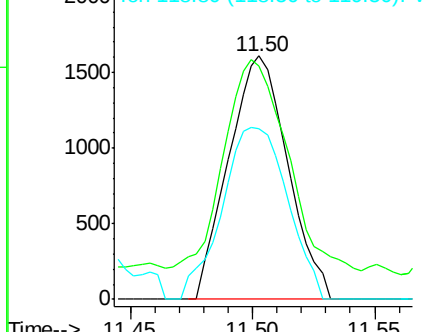
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Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 1.051 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060268.D

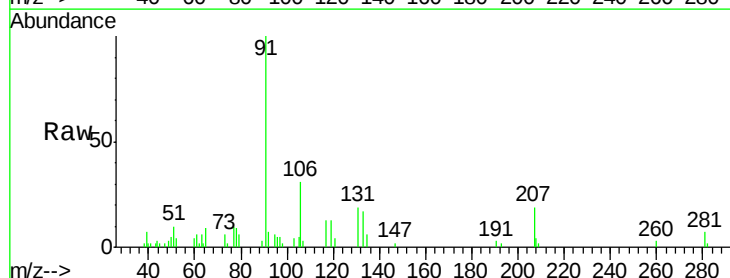
Acq: 27 Feb 2020 13:23

Tgt Ion: 91 Resp: 13915

Ion Ratio Lower Upper

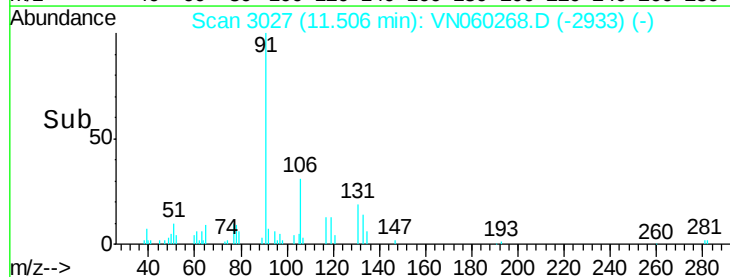
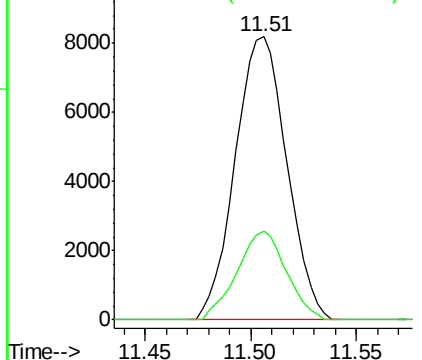
91 100

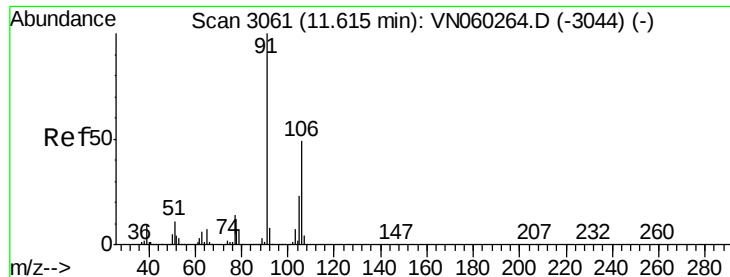
106 31.2 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 2.176 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 10717

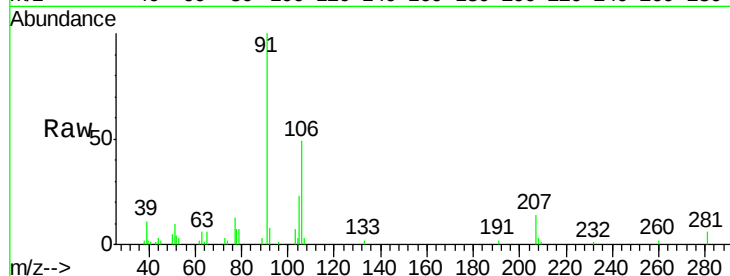
Ion Ratio Lower Upper

106 100

91 202.7 164.5 246.7

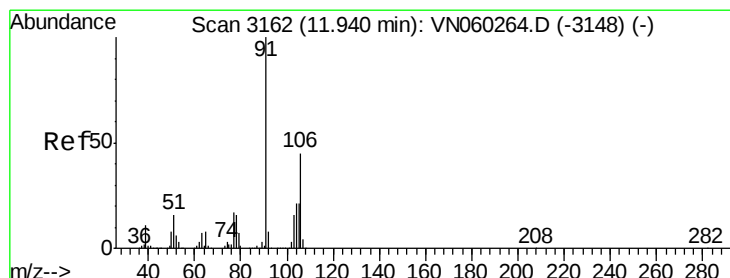
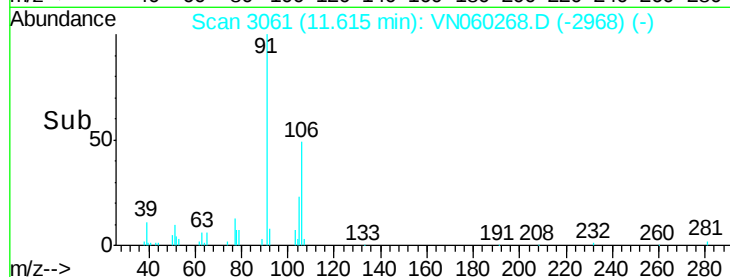
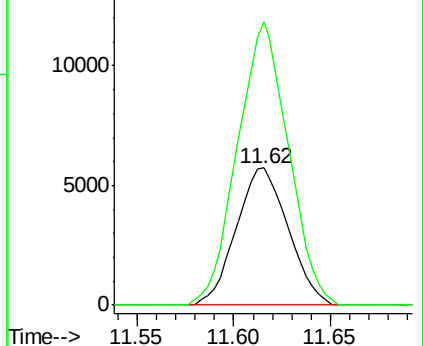
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.983 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. 0.00 min

Lab File: VN060268.D

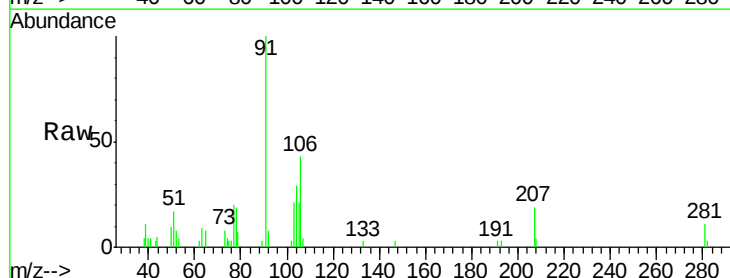
Acq: 27 Feb 2020 13:23

Tgt Ion:106 Resp: 4745

Ion Ratio Lower Upper

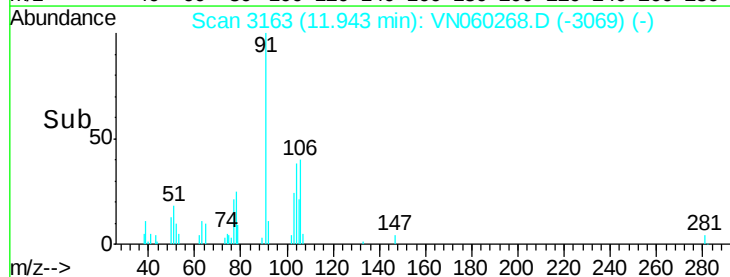
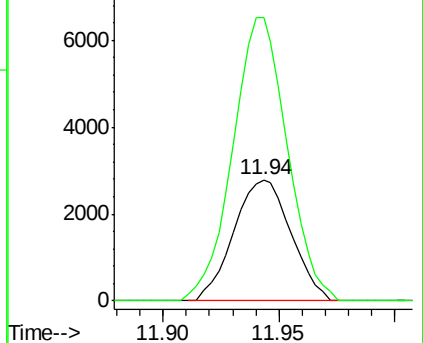
106 100

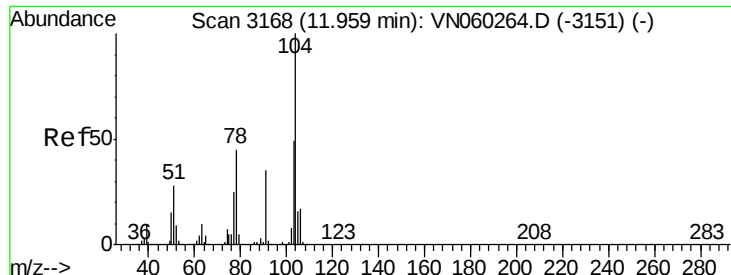
91 223.4 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





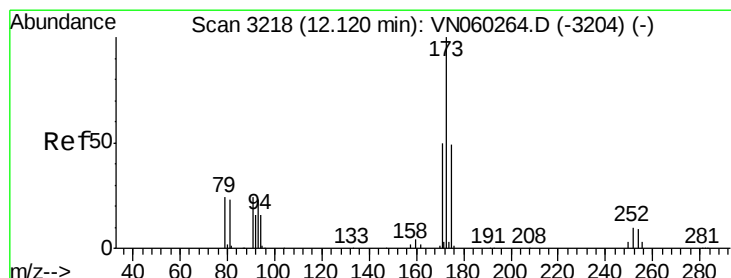
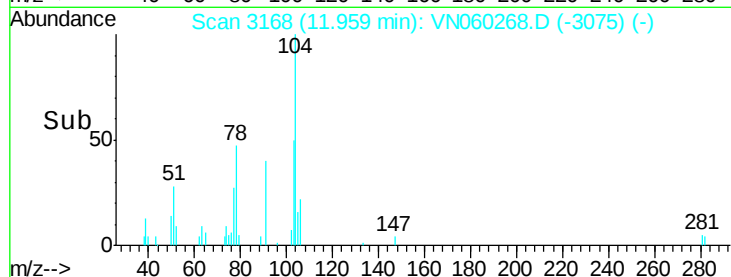
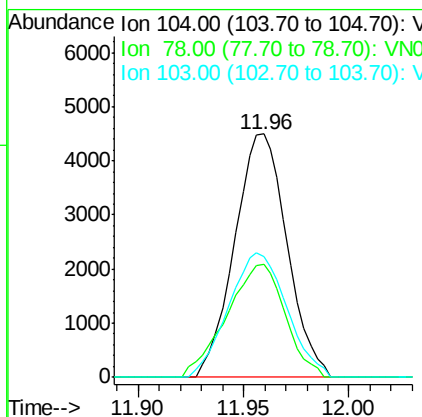
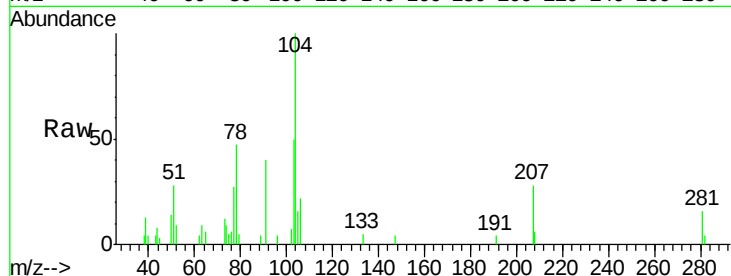
#70
Stvrene
Concen: 0.992 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.2	61.8
103	57.0	43.9	65.9

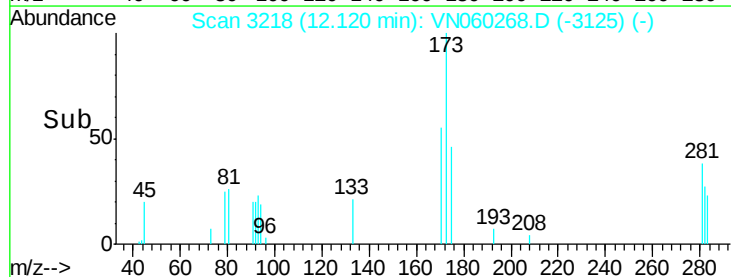
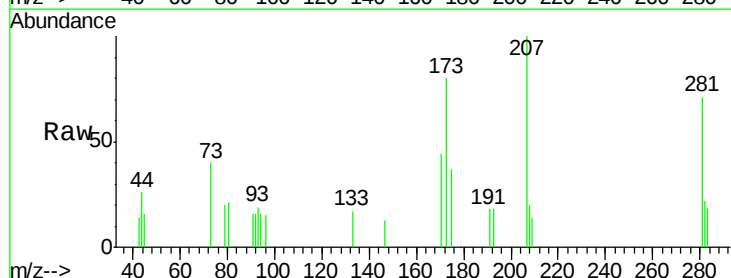
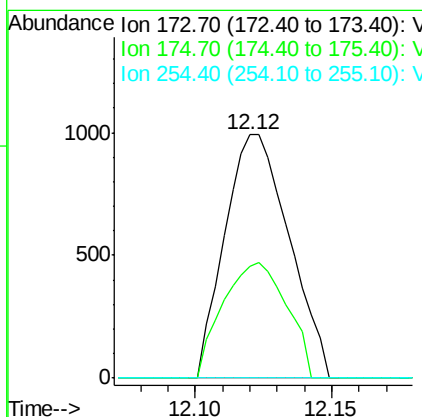
Manual Integrations
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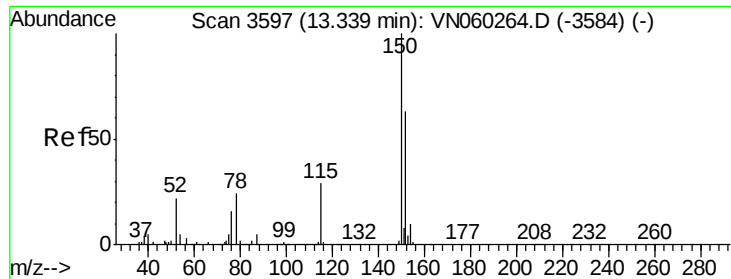
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#71
Bromoform
Concen: 0.828 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.1	72.2
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

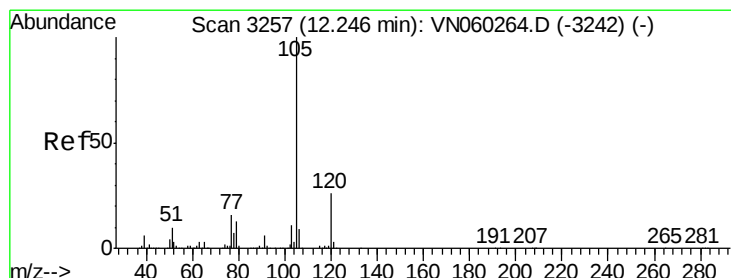
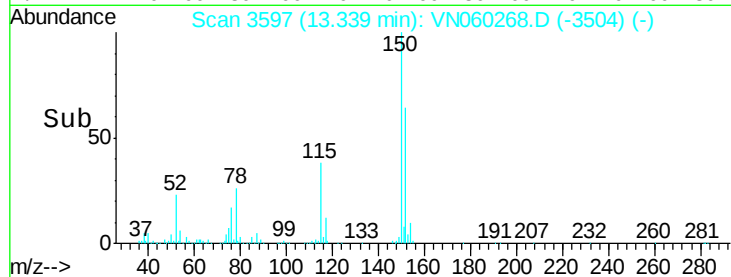
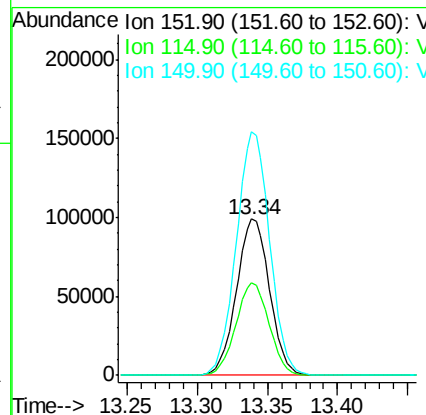
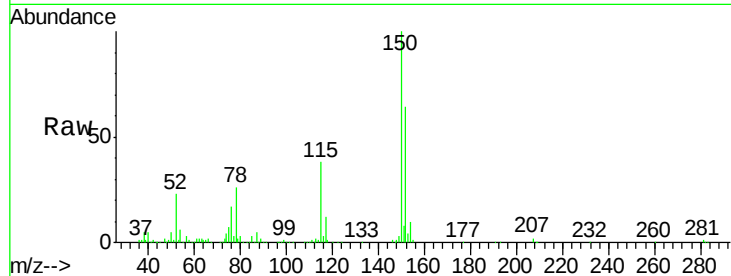
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	162626
Ion Ratio	Lower	Upper	
152	100		
115	59.4	30.0	90.0
150	156.5	0.0	349.6

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.097 ug/l

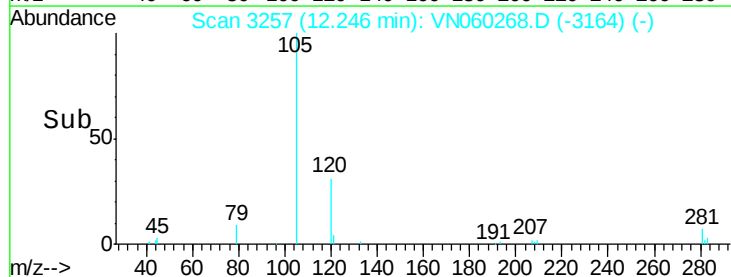
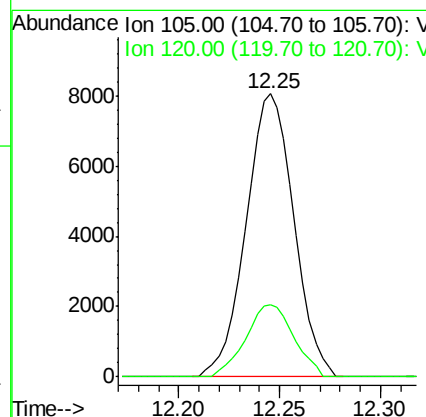
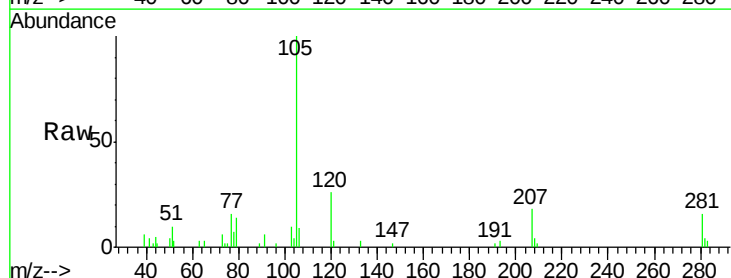
RT: 12.25 min Scan# 3257

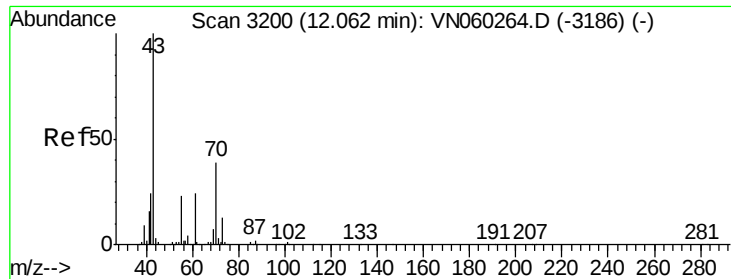
Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Tgt Ion:	105	Resp:	13321
Ion Ratio	Lower	Upper	
105	100		
120	25.7	13.0	38.9





#74

N-amvl acetate

Concen: 1.138 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

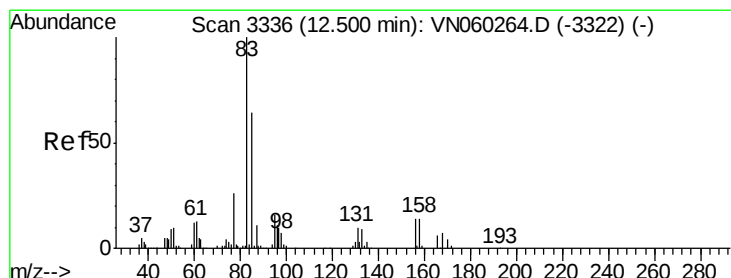
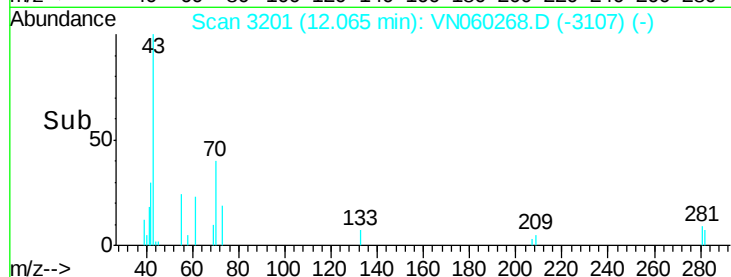
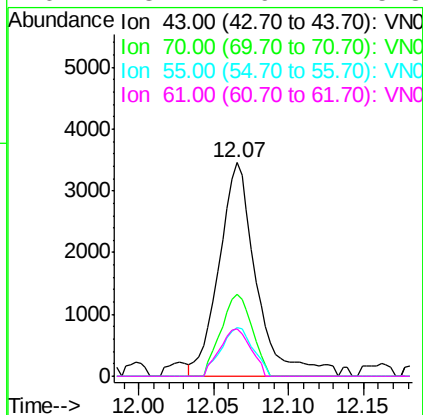
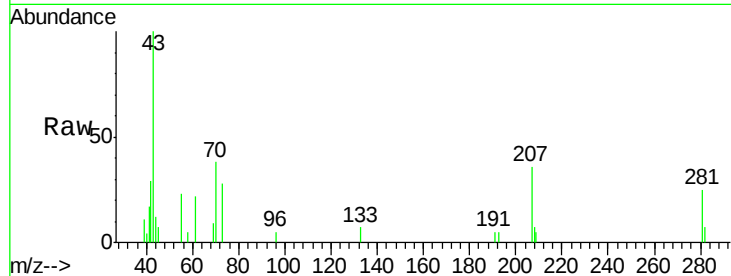
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	31.8	32.2	48.2	#
55	19.6	18.2	27.4	
61	18.2	19.2	28.8	#

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.036 ug/l

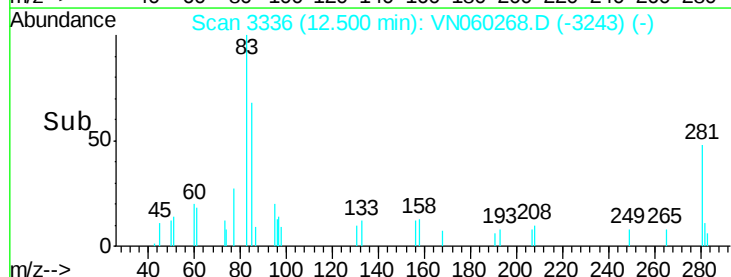
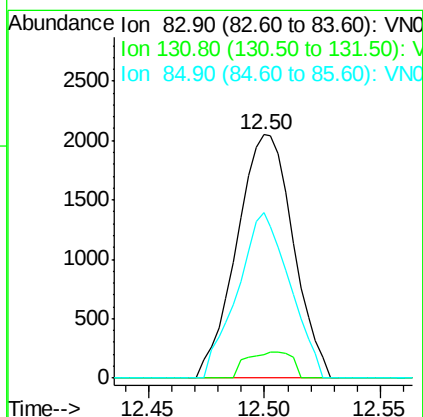
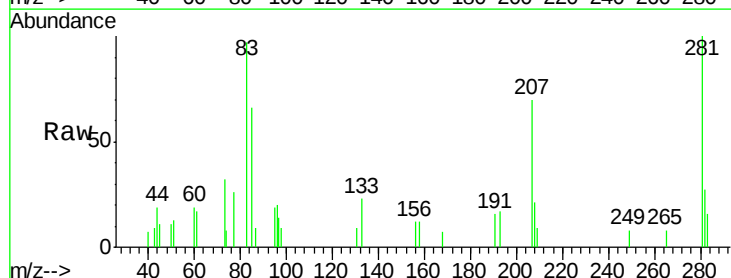
RT: 12.50 min Scan# 3336

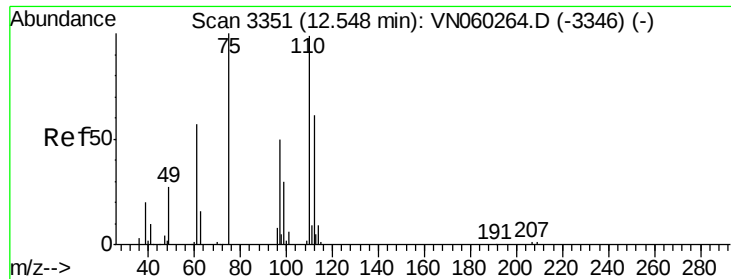
Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	8.5	5.1	15.3	
85	63.2	32.3	96.8	





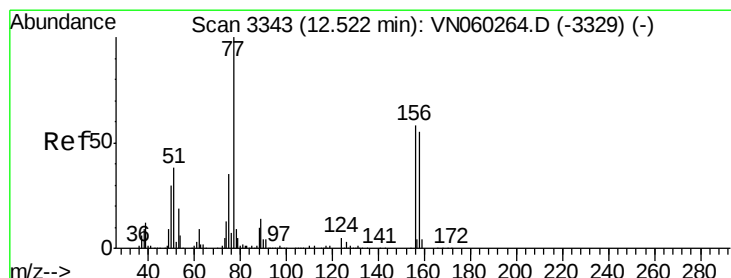
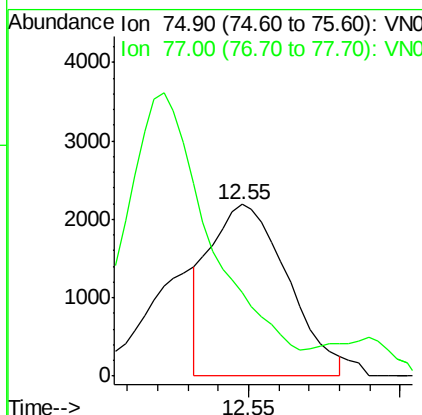
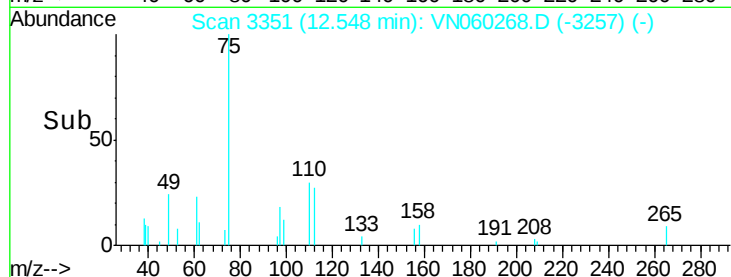
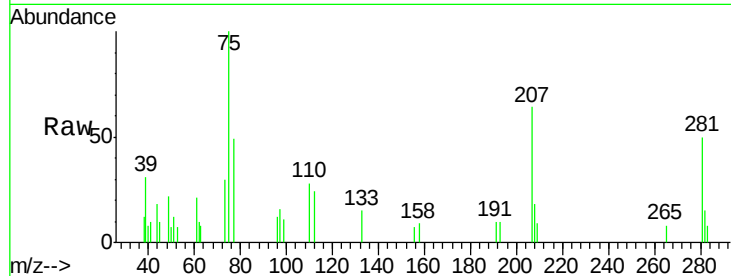
#76
 1,2,3-Trichloropropane
 Concen: 1.059 ug/l m
 RT: 12.55 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

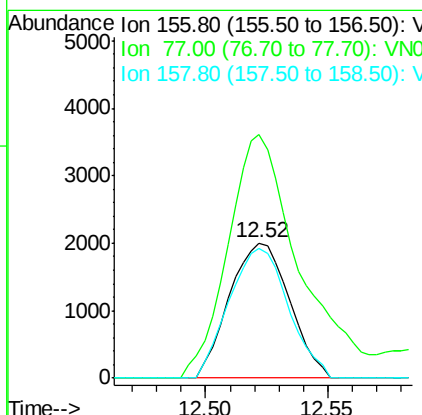
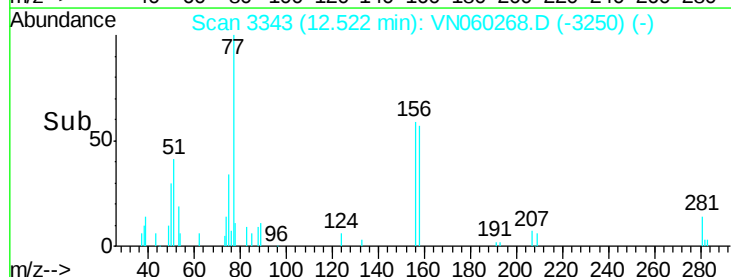
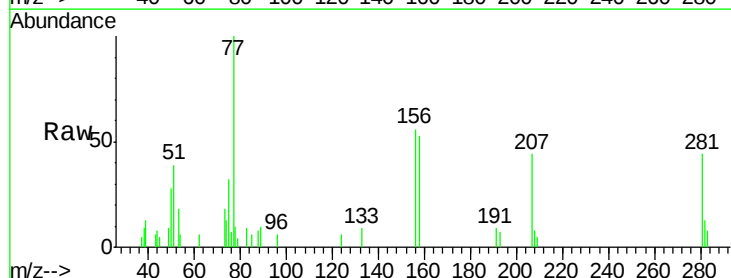
Manual Integrations
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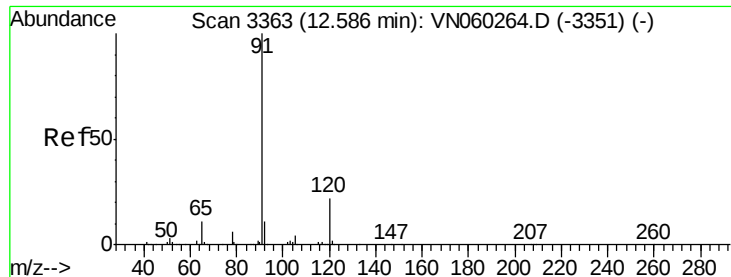
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#77
 Bromobenzene
 Concen: 1.137 ug/l
 RT: 12.52 min Scan# 3343
 Delta R.T. -0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
156	100		
77	213.7	106.1	318.3
158	95.2	48.3	144.8





#78

n-propylbenzene

Concen: 1.109 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 15892

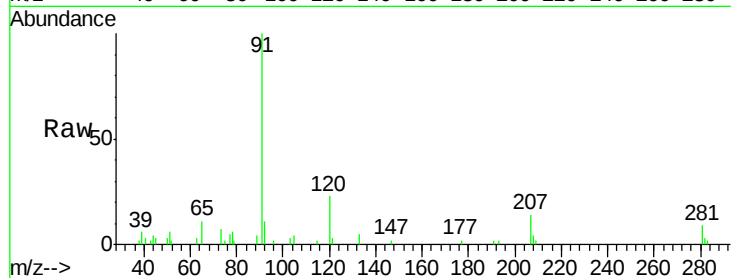
Ion Ratio Lower Upper

91 100

120 23.2 11.3 33.9

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN060268.D (-3351) (-)

Ion 120.00 (119.70 to 120.70): VN060268.D (-3351) (-)

12.59

10000

8000

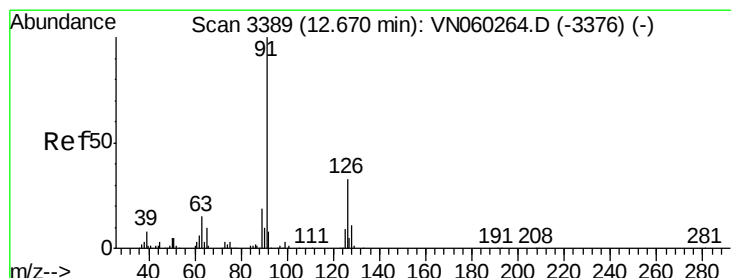
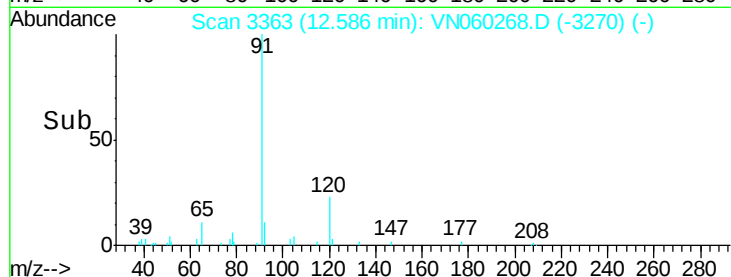
6000

4000

2000

0

Time-->



#79

2-Chlorotoluene

Concen: 1.116 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060268.D

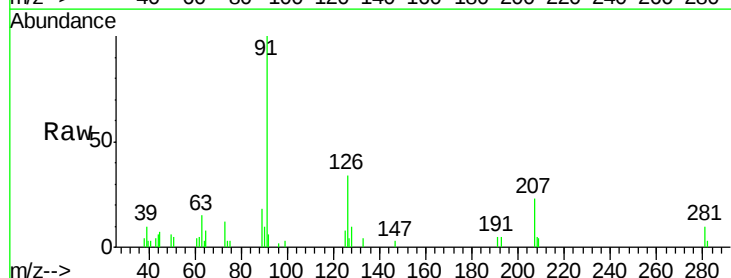
Acq: 27 Feb 2020 13:23

Tgt Ion: 91 Resp: 9395

Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060268.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060268.D (-3376) (-)

12.67

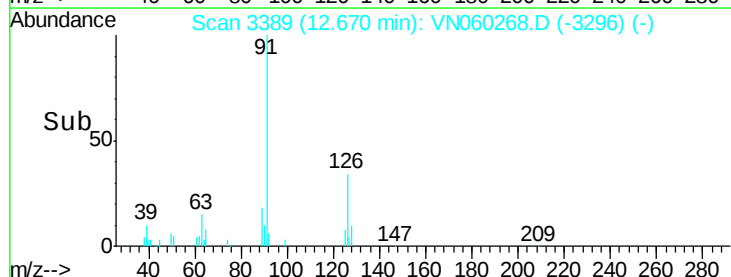
6000

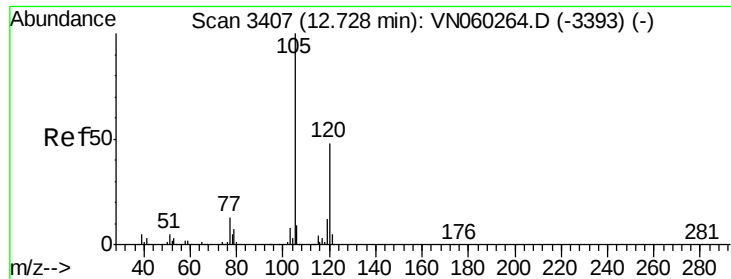
4000

2000

0

Time-->





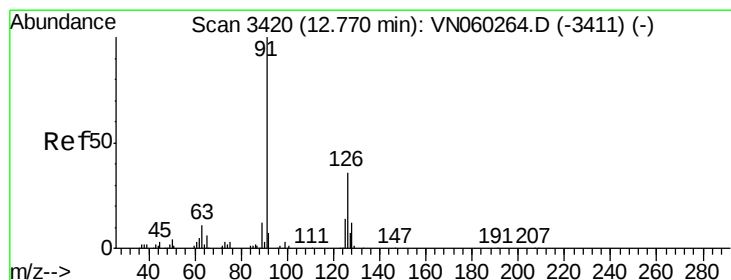
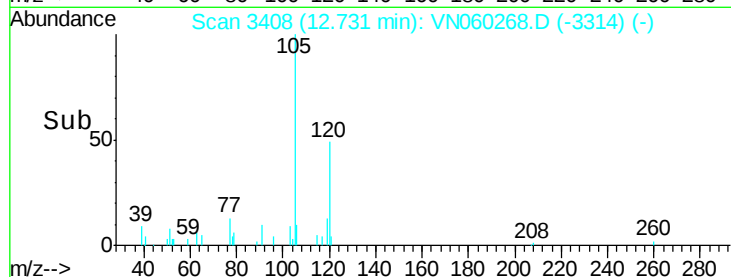
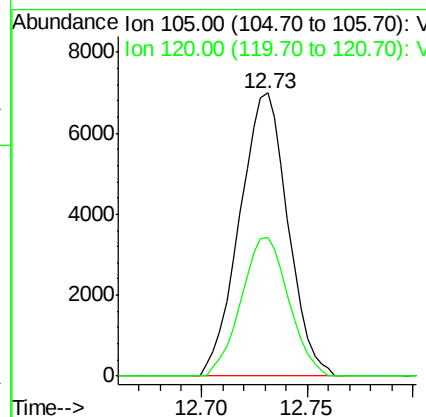
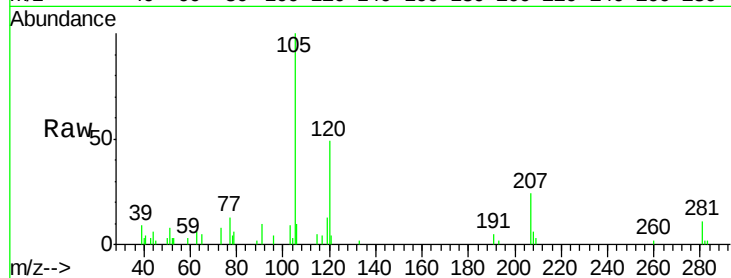
#80
 1,3,5-Trimethylbenzene
 Concen: 1.077 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.1	72.4

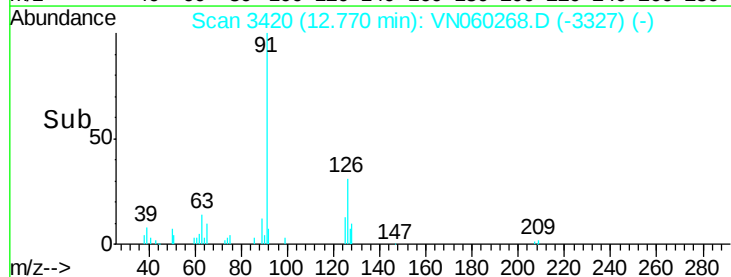
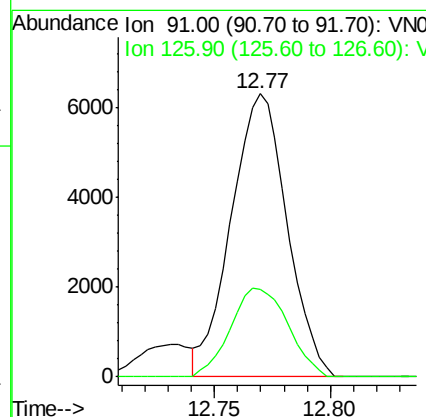
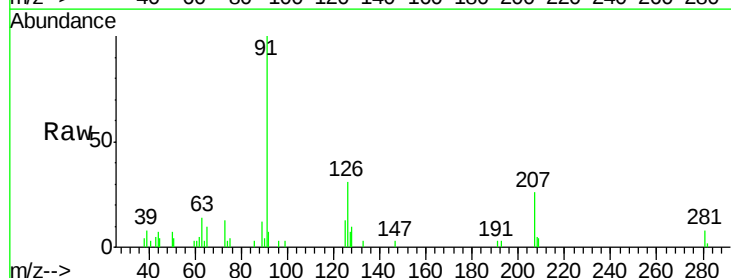
Manual Integrations
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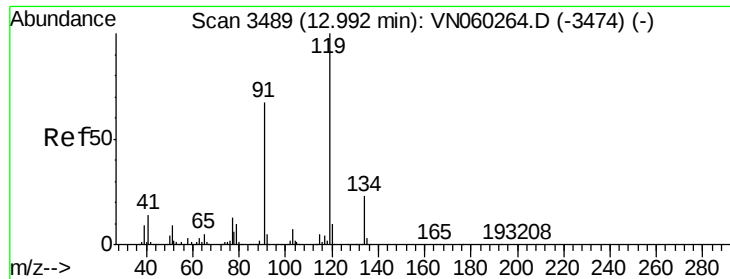
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#82
 4-Chlorotoluene
 Concen: 1.194 ug/l
 RT: 12.77 min Scan# 3420
 Delta R.T. -0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.7	50.1





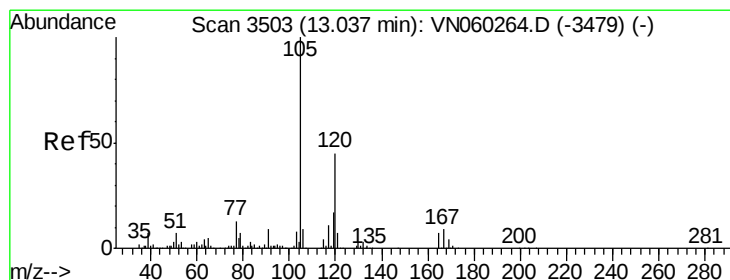
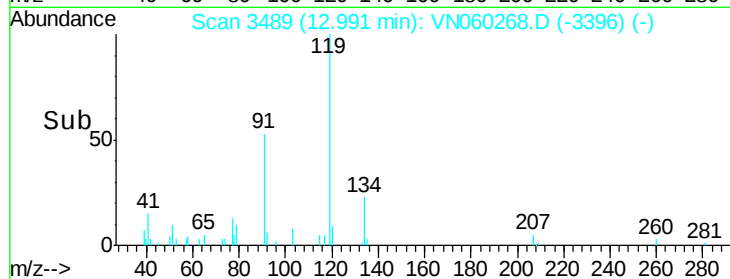
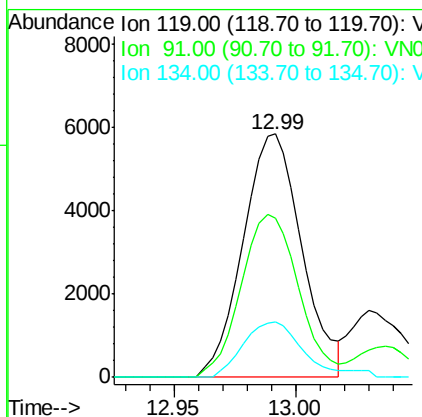
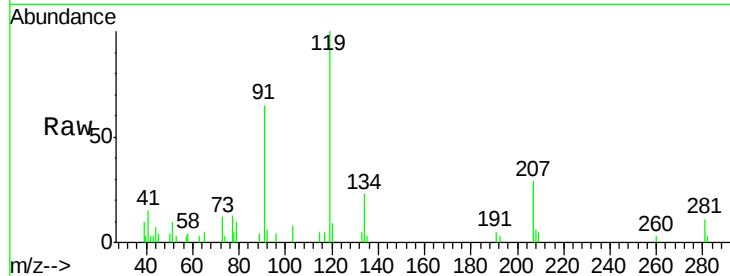
#83
tert-Butylbenzene
Concen: 1.098 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.4	33.1	99.2
134	22.9	12.4	37.0

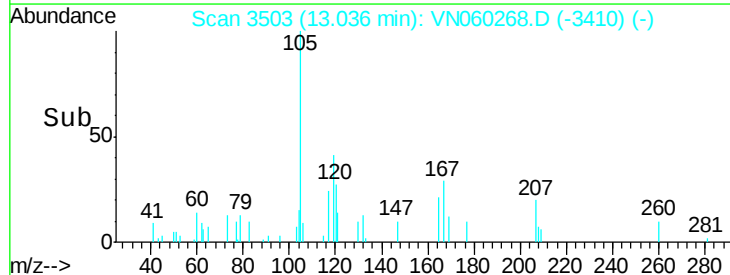
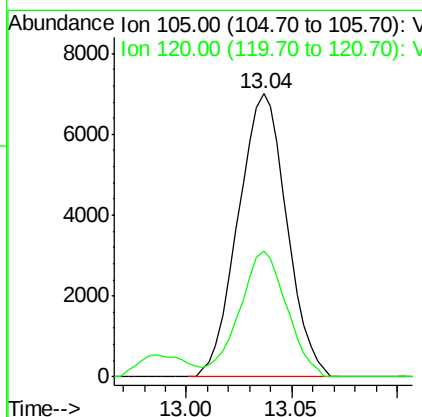
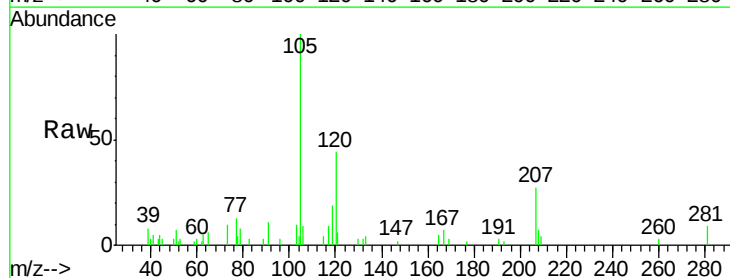
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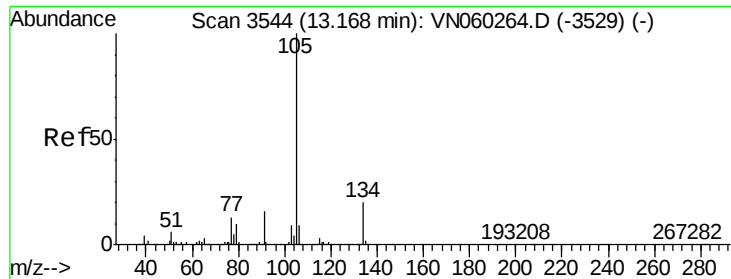
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#84
1,2,4-Trimethylbenzene
Concen: 1.077 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.3	66.9





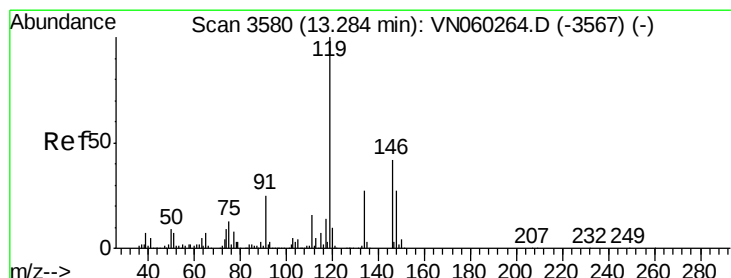
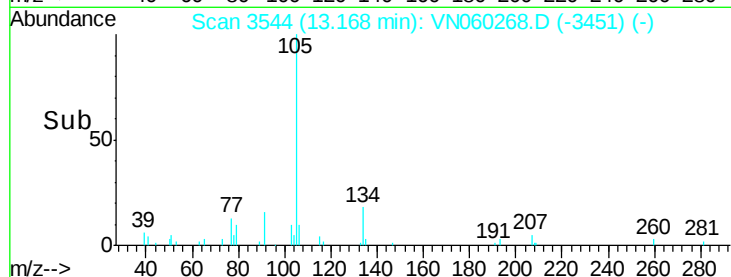
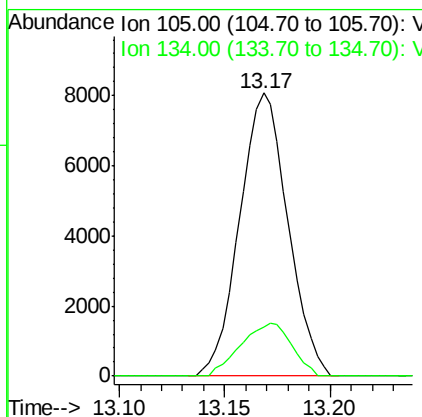
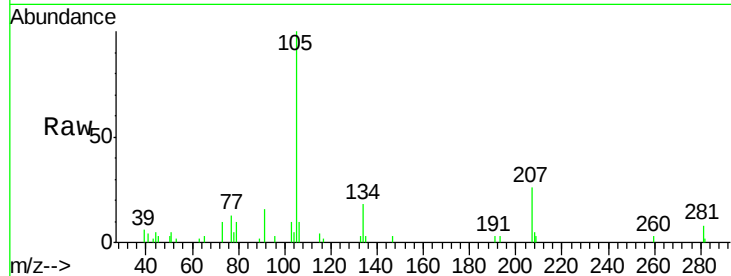
#85
 sec-Butylbenzene
 Concen: 1.065 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

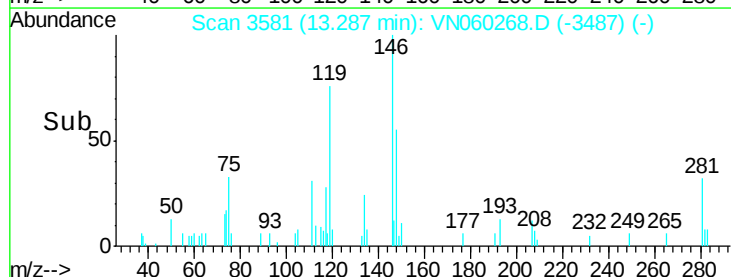
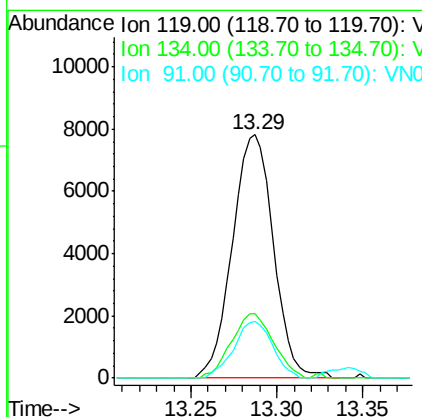
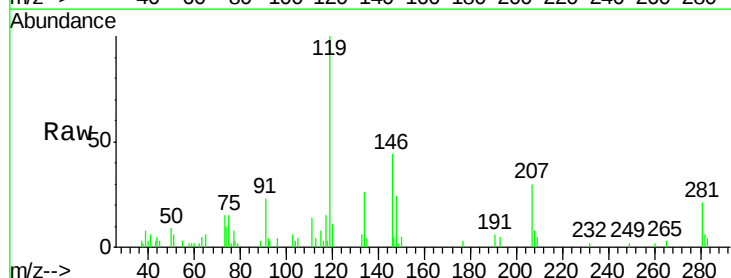
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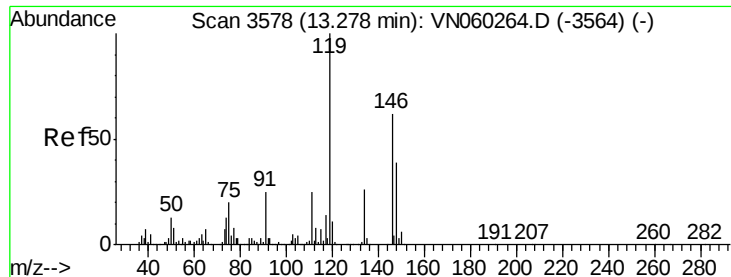
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#86
 p-Isopropyltoluene
 Concen: 1.191 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.2	39.6
91	21.7	12.2	36.6





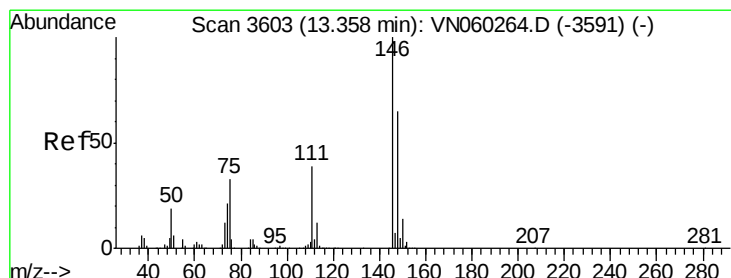
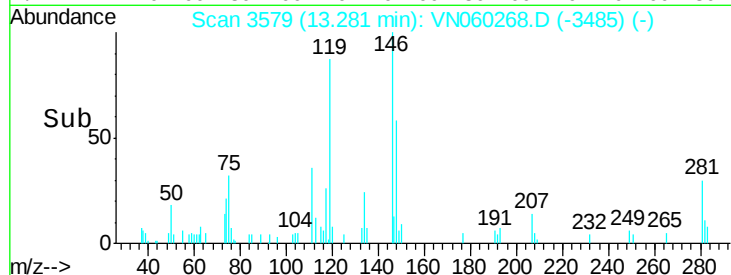
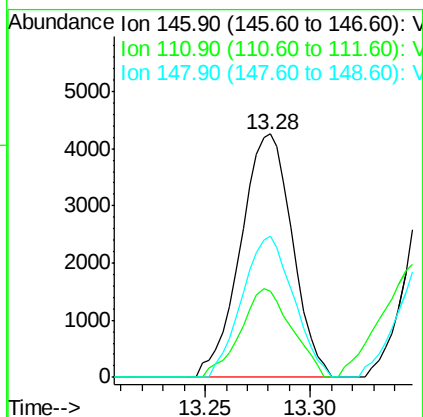
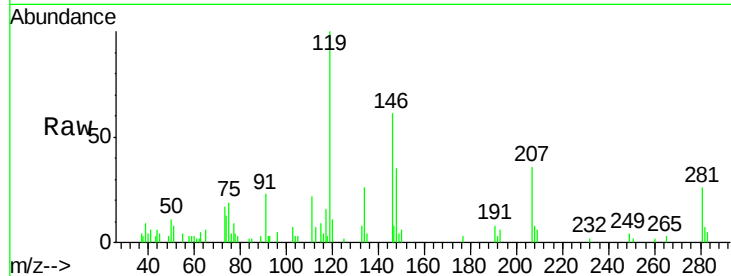
#87
 1,3-Dichlorobenzene
 Concen: 1.315 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	20.0	59.9
148	57.6	32.1	96.3

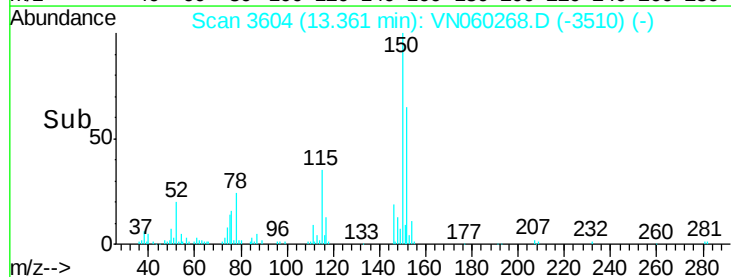
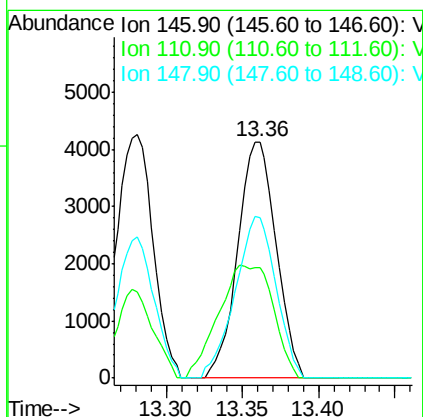
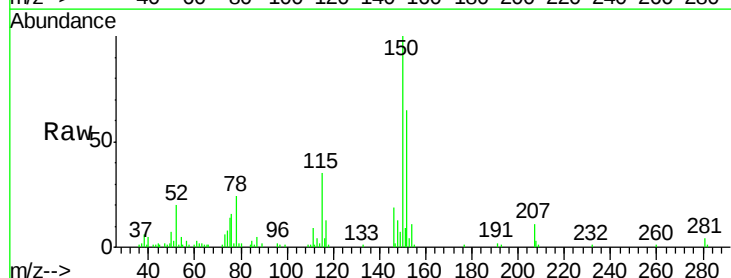
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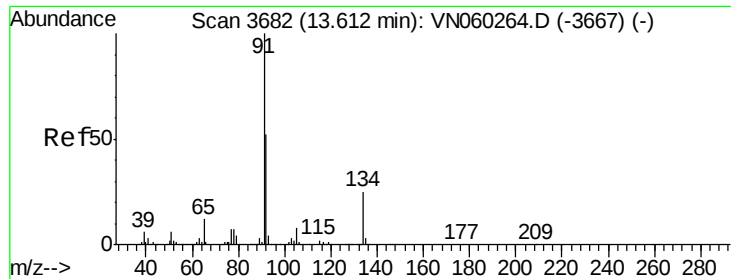
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#88
 1,4-Dichlorobenzene
 Concen: 1.313 ug/l m
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	19.8	59.4
148	57.9	32.3	96.9





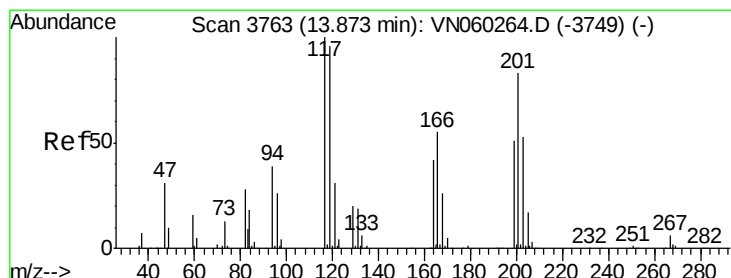
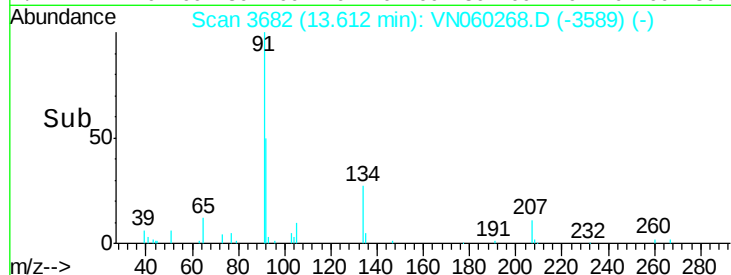
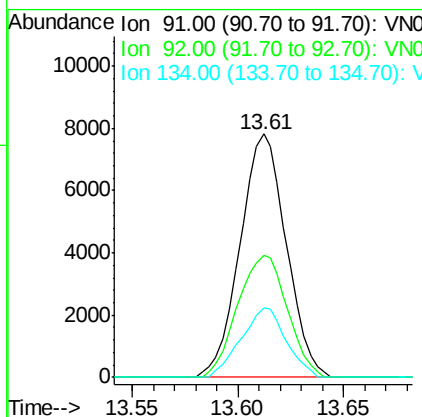
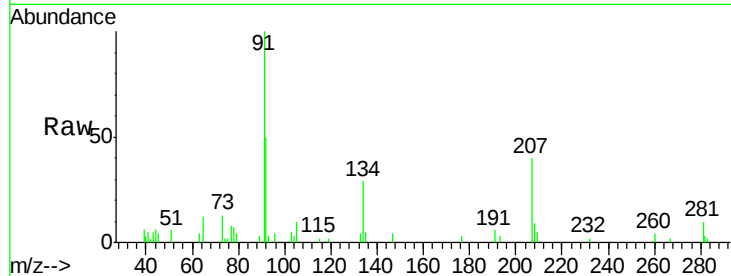
#89
n-Butylbenzene
Concen: 1.172 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.0	78.0
134	27.7	12.7	38.1

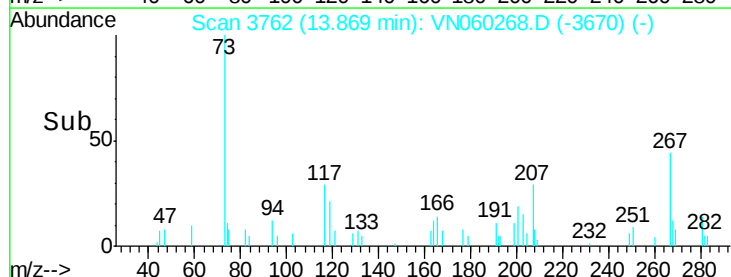
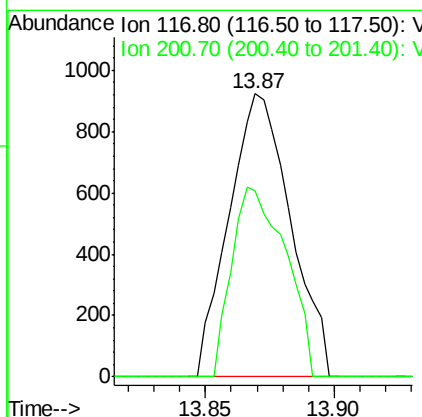
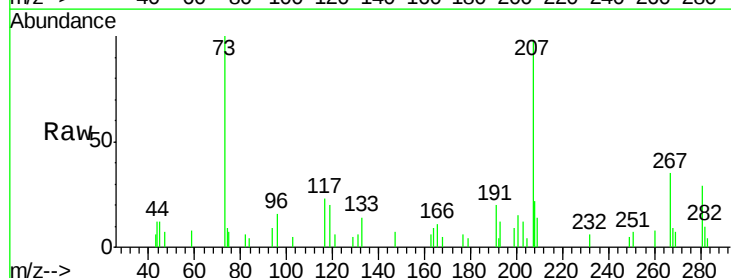
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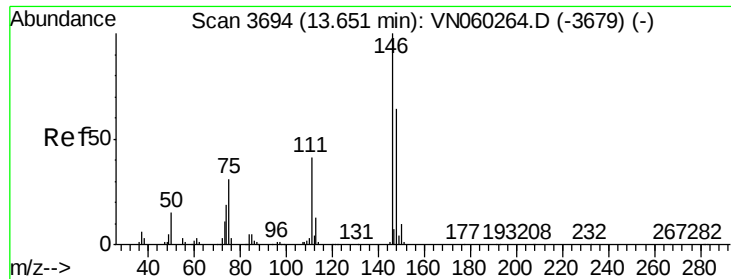
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#90
Hexachloroethane
Concen: 0.934 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060268.D
Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	58.7	41.0	123.0





#91

1,2-Dichlorobenzene

Concen: 1.183 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

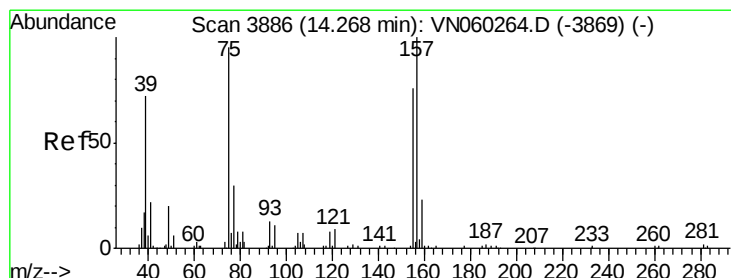
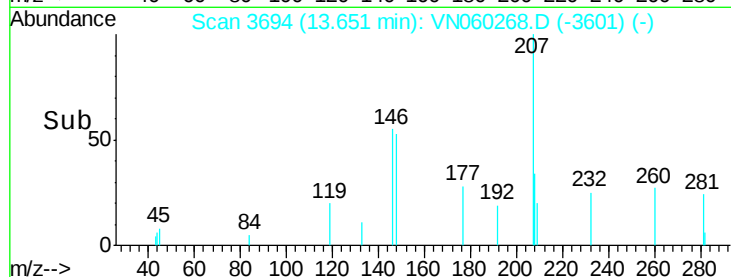
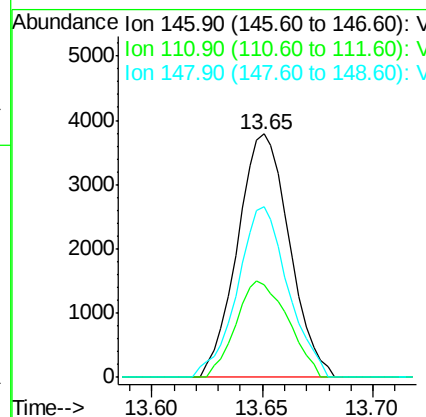
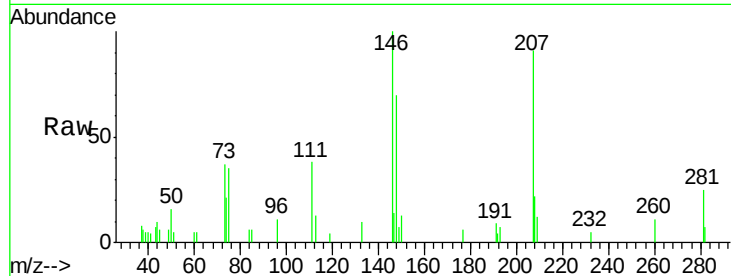
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	6192
Ion Ratio	Lower	Upper	
146	100		
111	39.5	20.3	61.0
148	68.4	31.8	95.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 1.188 ug/l

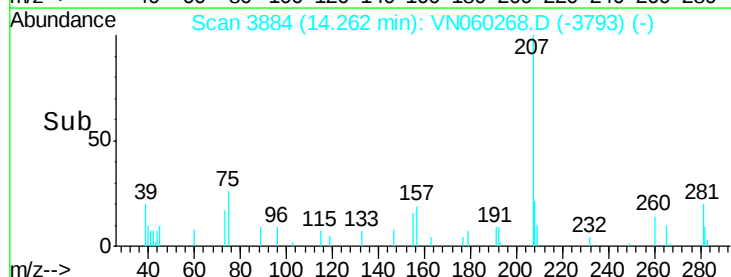
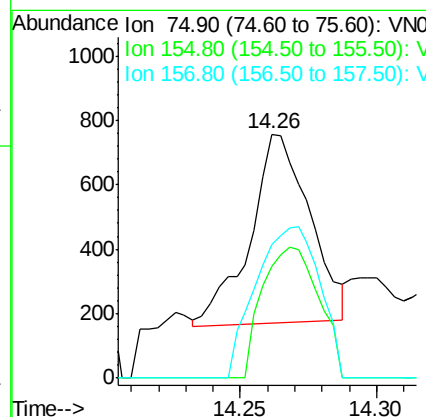
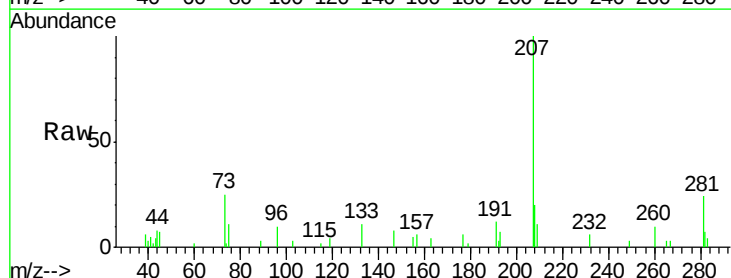
RT: 14.26 min Scan# 3884

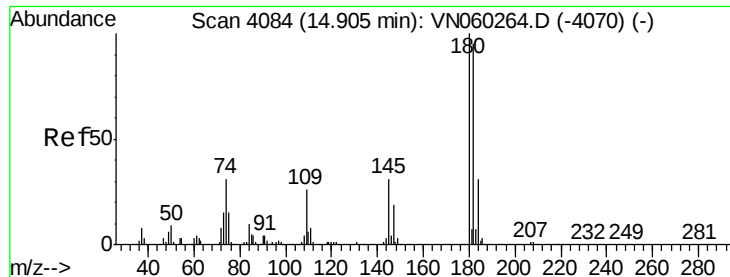
Delta R.T. -0.01 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Tgt Ion:	75	Resp:	892
Ion Ratio	Lower	Upper	
75	100		
155	65.2	40.4	121.2
157	85.7	52.5	157.5





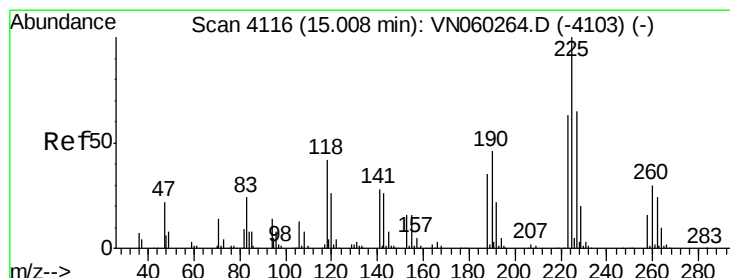
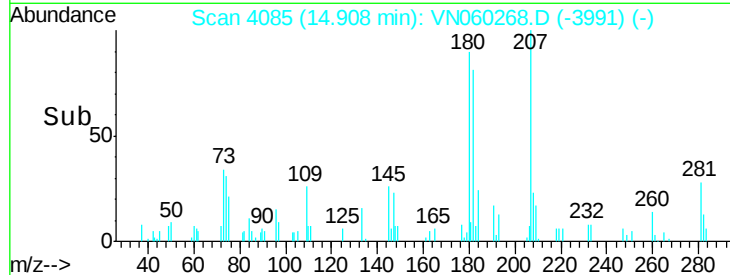
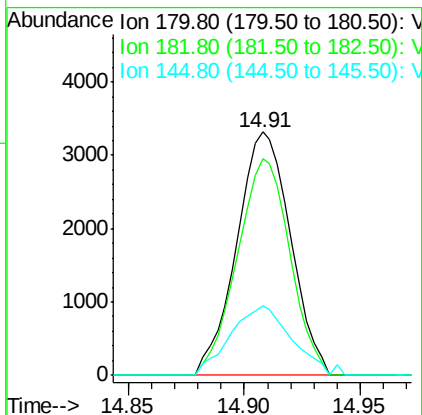
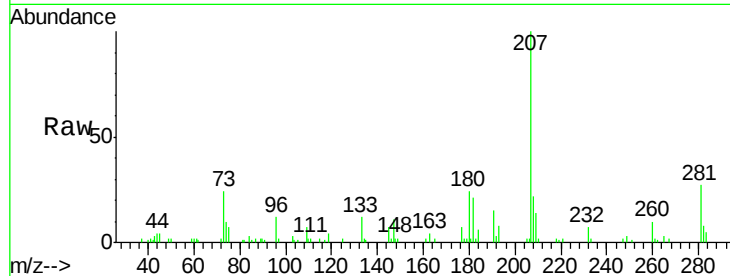
#93
 1,2,4-Trichlorobenzene
 Concen: 1.431 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.2	47.8	143.3
145	32.7	15.4	46.1

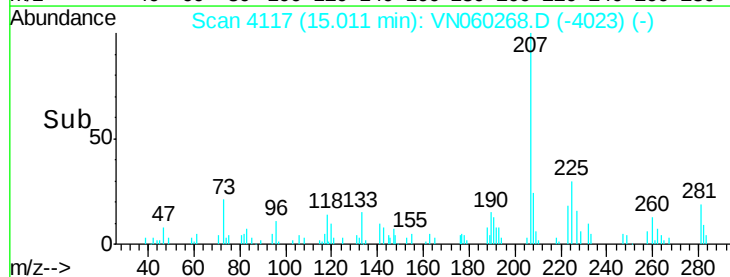
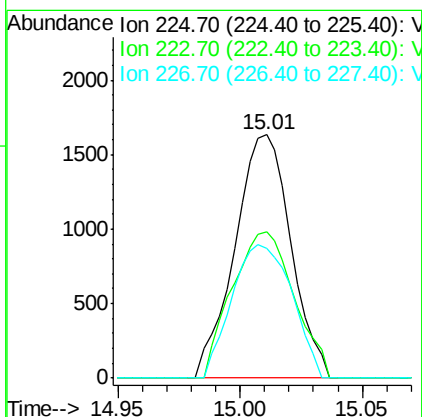
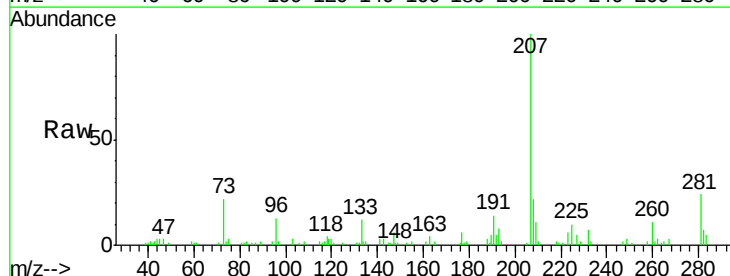
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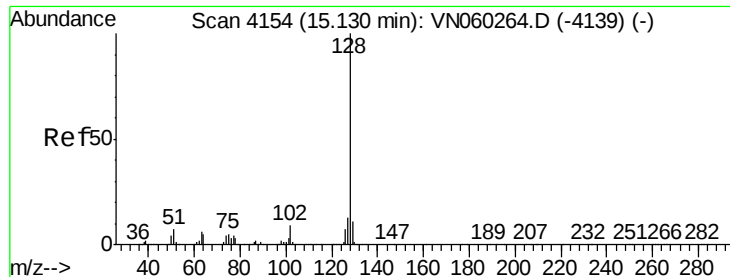
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#94
 Hexachlorobutadiene
 Concen: 1.397 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN060268.D
 Acq: 27 Feb 2020 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.8	31.3	93.9
227	59.0	32.3	96.9





#95

Naphthalene

Concen: 1.278 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Instrument :

MSVOA_N

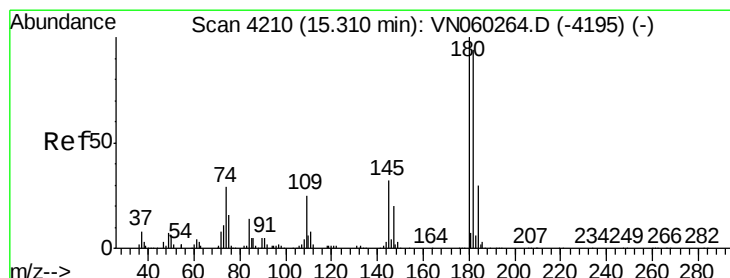
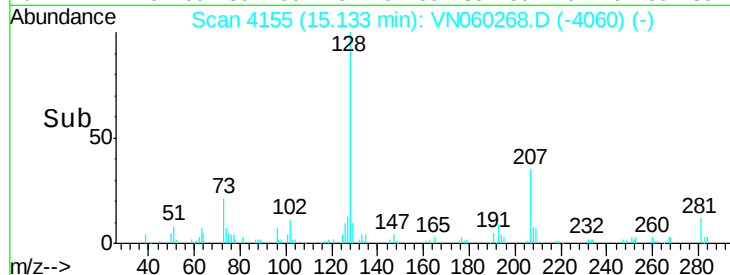
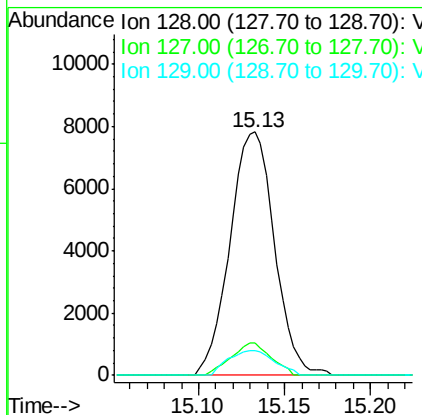
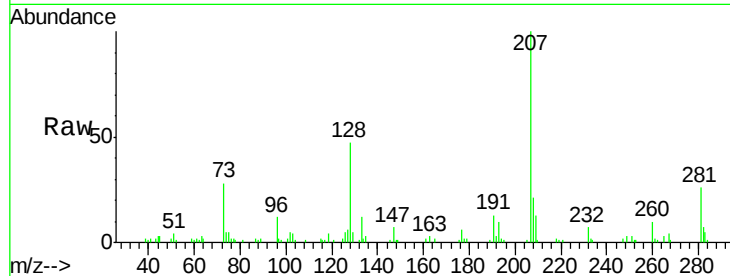
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	14107
Ion Ratio	Lower	Upper	
128	100		
127	11.9	10.4	15.6
129	10.6	8.6	13.0

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#96

1,2,3-Trichlorobenzene

Concen: 1.345 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN060268.D

Acq: 27 Feb 2020 13:23

Tgt Ion:	180	Resp:	4891
Ion Ratio	Lower	Upper	
180	100		
182	91.8	47.3	142.0
145	39.5	16.2	48.5

