

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011320\
 Data File : VN059687.D
 Acq On : 13 Jan 2020 13:43
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
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apatel
 1/14/2020 2:40:42 PM

Quant Time: Jan 18 03:19:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:36:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	210062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123739	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	1685	0.621	ug/l	98
3) Chloromethane	2.04	50	2463	0.572	ug/l	89
4) Vinyl Chloride	2.17	62	2392	0.586	ug/l	97
6) Chloroethane	2.69	64	1207	0.526	ug/l	91
7) Trichlorofluoromethane	3.00	101	3036	0.677	ug/l	88
8) Diethyl Ether	3.39	74	1049	0.749	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	1629	0.721	ug/l #	71
12) 1,1-Dichloroethene	3.72	96	1922	0.872	ug/l	92
14) Allyl chloride	4.30	41	2249m	0.497	ug/l	
15) Acrylonitrile	4.96	53	3770	2.781	ug/l #	56
16) Acetone	3.79	43	7739	4.264	ug/l	99
17) Carbon Disulfide	4.03	76	5232	0.692	ug/l #	91
18) Methyl Acetate	4.31	43	2933	0.771	ug/l #	80
19) Methyl tert-butyl Ether	5.00	73	6100	0.784	ug/l	98
20) Methylene Chloride	4.52	84	3119	1.190	ug/l #	76
21) trans-1,2-Dichloroethene	5.02	96	1966m	0.800	ug/l	
22) Diisopropyl ether	5.91	45	5590	0.670	ug/l #	79
23) Vinyl Acetate	5.86	43	22315	3.410	ug/l	98
24) 1,1-Dichloroethane	5.82	63	3553	0.752	ug/l #	85
25) 2-Butanone	6.81	43	7539	3.474	ug/l	95
26) 2,2-Dichloropropane	6.79	77	3657	0.852	ug/l	90
27) cis-1,2-Dichloroethene	6.80	96	2327	0.855	ug/l	78
28) Bromochloromethane	7.17	49	1500	0.926	ug/l #	64
29) Tetrahydrofuran	7.18	42	4144	3.134	ug/l	99
30) Chloroform	7.35	83	3560	0.766	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	3218	0.768	ug/l #	46
36) 1,1-Dichloropropene	7.77	75	2807	0.855	ug/l	97
37) Ethyl Acetate	6.91	43	3100	0.812	ug/l #	70
38) Carbon Tetrachloride	7.75	117	2981	0.875	ug/l	98
39) Methylcyclohexane	9.06	83	3453	0.927	ug/l	98
40) Benzene	8.02	78	8563	0.892	ug/l	92
41) Methacrylonitrile	7.16	41	1270m	0.806	ug/l	
42) 1,2-Dichloroethane	8.10	62	2774	0.755	ug/l #	78
43) Isopropyl Acetate	8.15	43	4842	0.816	ug/l #	89

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	2016	0.802	ug/l	97
45) 1,2-Dichloropropane	9.10	63	1942	0.749	ug/l #	87
46) Dibromomethane	9.19	93	1333	0.785	ug/l #	83
47) Bromodichloromethane	9.39	83	2887	0.853	ug/l #	95
48) Methyl methacrylate	9.19	41	2003	0.744	ug/l #	82
49) 1,4-Dioxane	9.19	88	657	17.025	ug/l #	63
51) 4-Methyl-2-Pentanone	9.97	43	12846	3.630	ug/l	99
52) Toluene	10.14	92	4992	0.846	ug/l	92
53) t-1,3-Dichloropropene	10.37	75	2923	0.746	ug/l	96
54) cis-1,3-Dichloropropene	9.82	75	3039	0.738	ug/l	87
55) 1,1,2-Trichloroethane	10.55	97	2103	0.909	ug/l #	85
56) Ethyl methacrylate	10.42	69	2831	0.824	ug/l #	70
57) 1,3-Dichloropropane	10.70	76	2960	0.735	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.68	63	3942	3.607	ug/l	98
59) 2-Hexanone	10.74	43	8570	3.073	ug/l	99
60) Dibromochloromethane	10.89	129	2135	0.845	ug/l	94
61) 1,2-Dibromoethane	10.99	107	2011	0.819	ug/l	99
64) Tetrachloroethene	10.62	164	2185	0.846	ug/l	96
65) Chlorobenzene	11.43	112	5238	0.874	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	2031	0.892	ug/l #	55
67) Ethyl Benzene	11.50	91	9911	0.916	ug/l	100
68) m/p-Xylenes	11.62	106	7104	1.779	ug/l	95
69) o-Xylene	11.94	106	3712	0.977	ug/l	93
70) Styrene	11.96	104	5519	0.904	ug/l	97
71) Bromoform	12.12	173	1419	0.829	ug/l #	98
73) Isopropylbenzene	12.24	105	9402	0.968	ug/l	99
74) N-amyl acetate	12.07	43	3492	0.784	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	2647	0.859	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	2214m	0.723	ug/l	
77) Bromobenzene	12.52	156	2347	0.983	ug/l	87
78) n-propylbenzene	12.59	91	10228	0.891	ug/l	97
79) 2-Chlorotoluene	12.67	91	6328	0.911	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	7871	0.958	ug/l	99
82) 4-Chlorotoluene	12.77	91	5933	0.835	ug/l	93
83) tert-Butylbenzene	12.99	119	6901	0.991	ug/l	96
84) 1,2,4-Trimethylbenzene	13.03	105	7544	0.923	ug/l	95
85) sec-Butylbenzene	13.17	105	8816	0.952	ug/l	100
86) p-Isopropyltoluene	13.29	119	8261	0.985	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	3990	0.908	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	3864m	0.872	ug/l	
89) n-Butylbenzene	13.61	91	6547	0.833	ug/l	97
90) Hexachloroethane	13.87	117	1509	0.952	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	3979	0.919	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	896m	0.988	ug/l	
93) 1,2,4-Trichlorobenzene	14.91	180	1914	0.684	ug/l	95
94) Hexachlorobutadiene	15.01	225	1303	0.870	ug/l	90
95) Naphthalene	15.13	128	5419	0.649	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	1994	0.705	ug/l	92

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Response via : Initial Calibration

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: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 210062

Ion Ratio Lower Upper

168 100

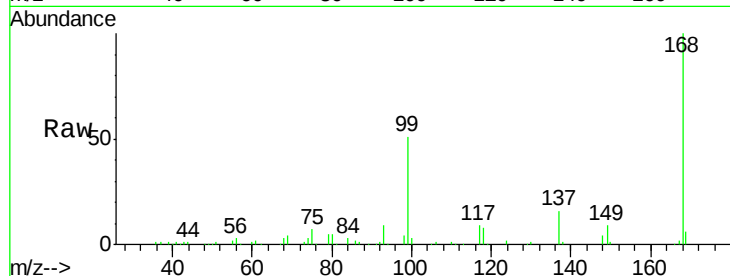
99 51.1 48.2 72.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

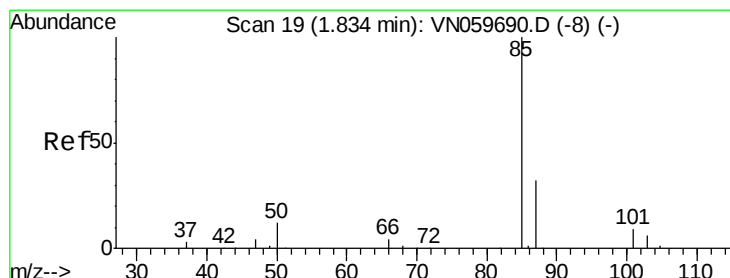
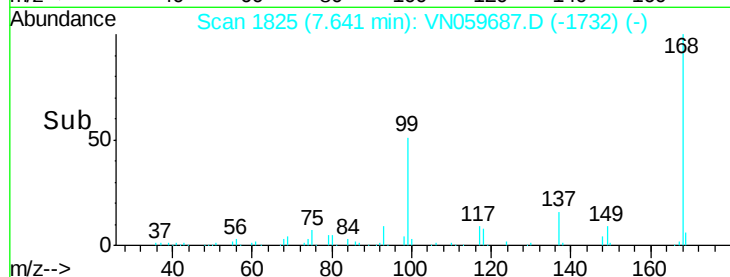
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 0.621 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059687.D

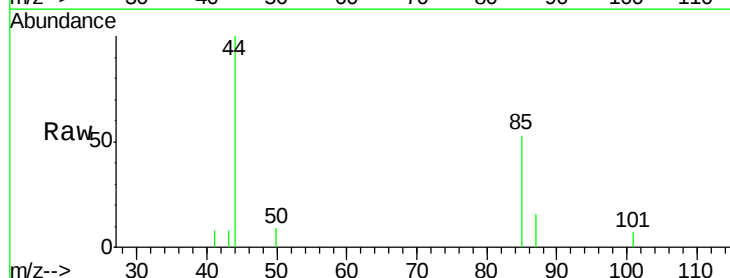
Acq: 13 Jan 2020 13:43

Tgt Ion: 85 Resp: 1685

Ion Ratio Lower Upper

85 100

87 30.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

1500

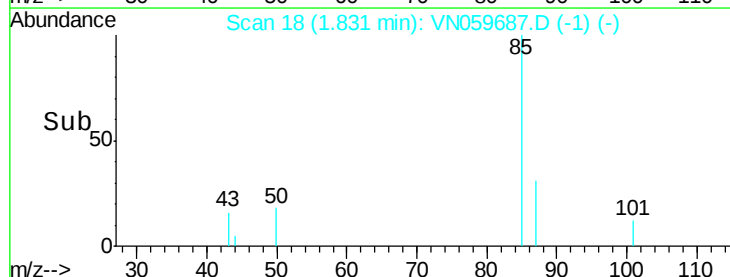
1000

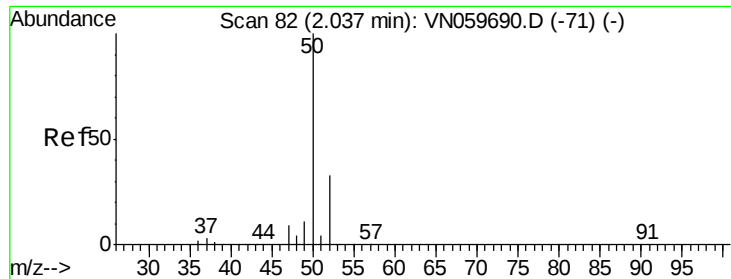
500

0

1.80 1.82 1.84 1.86

Time-->





#3

Chloromethane

Concen: 0.572 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2463

Ion Ratio Lower Upper

50 100

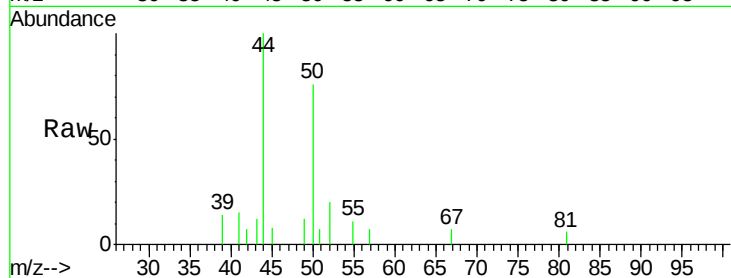
52 26.0 25.9 38.9

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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

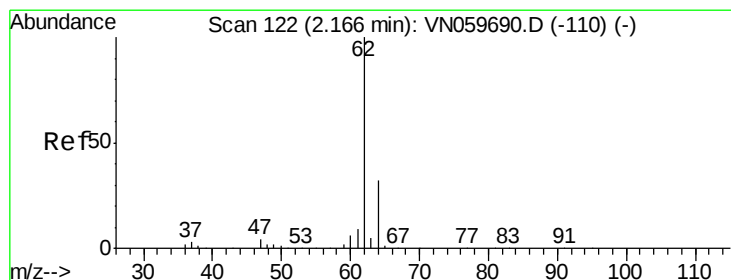
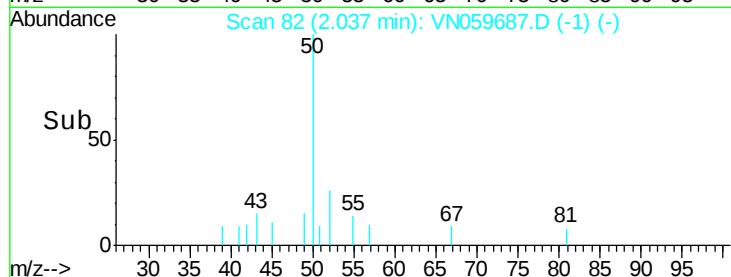
1500

1000

500

0

Time-->



#4

Vinyl Chloride

Concen: 0.586 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059687.D

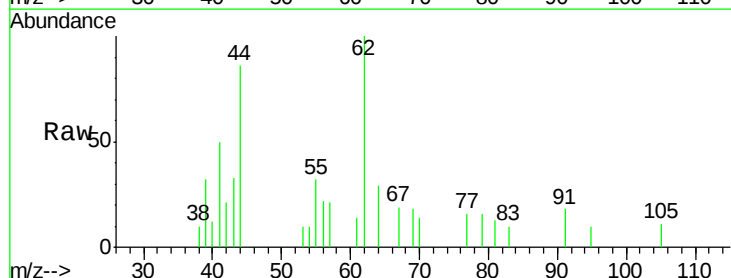
Acq: 13 Jan 2020 13:43

Tgt Ion: 62 Resp: 2392

Ion Ratio Lower Upper

62 100

64 29.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

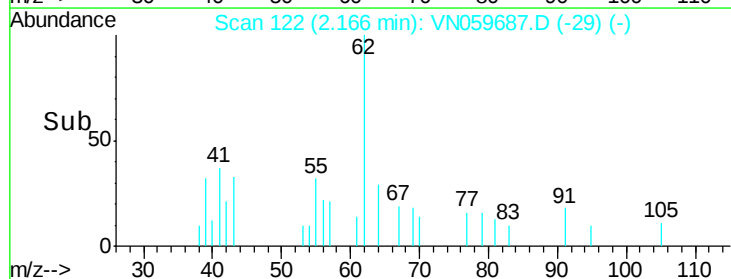
1500

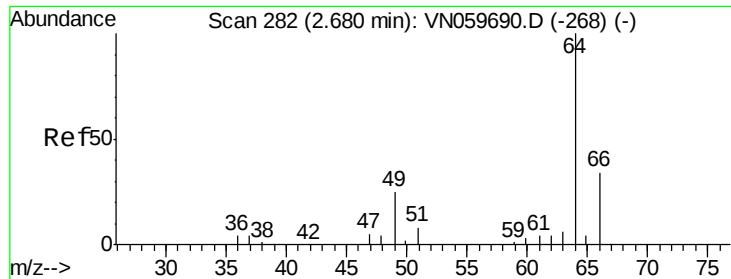
1000

500

0

Time-->





#6

Chloroethane

Concen: 0.526 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059687.D

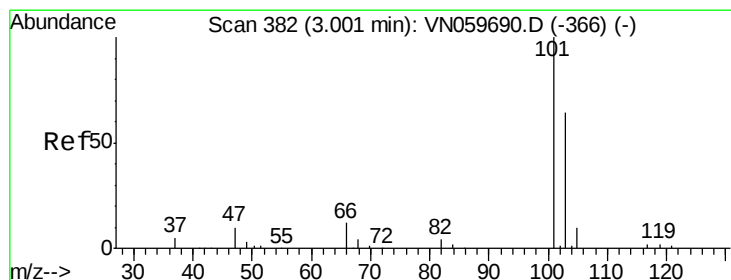
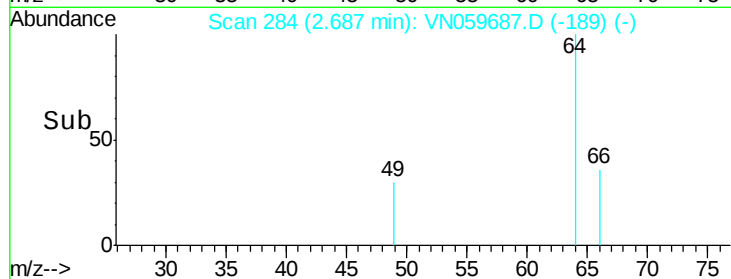
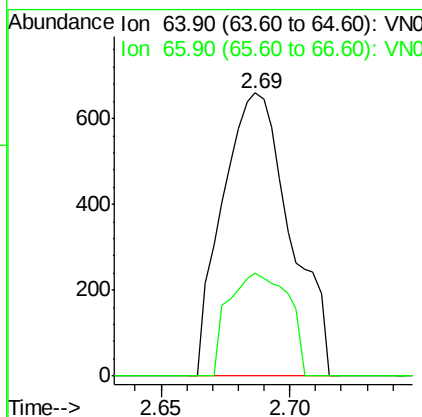
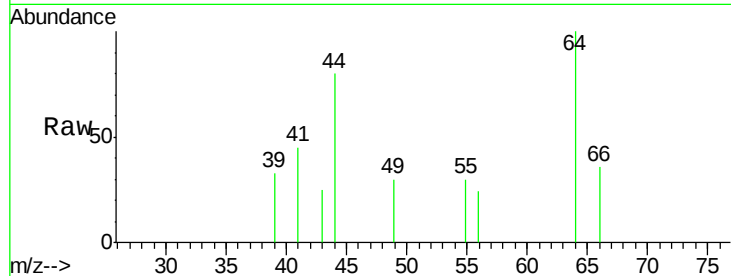
Acq: 13 Jan 2020 13:43

Tot Ion	Ratio	Lower	Upper
64	100		
66	36.4	25.1	37.7

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Manual Integrations
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#7

Trichlorofluoromethane

Concen: 0.677 ug/l

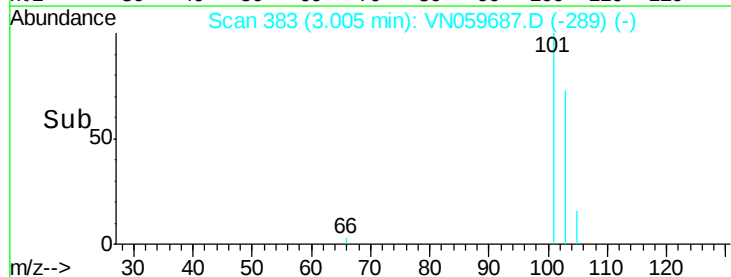
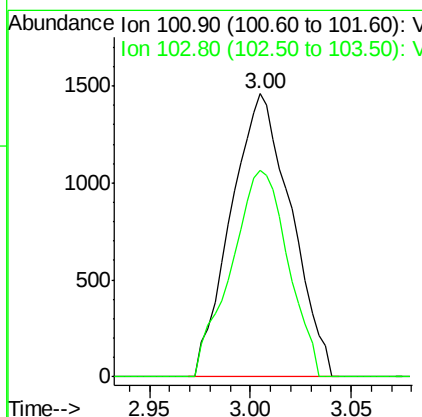
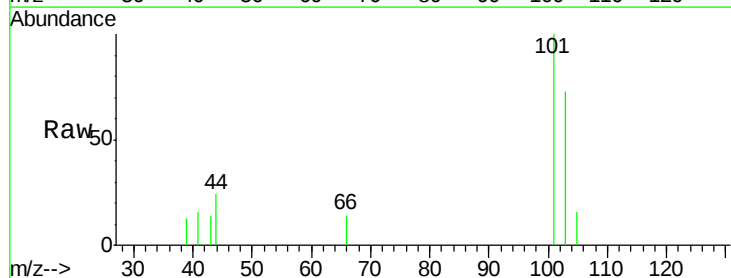
RT: 3.00 min Scan# 383

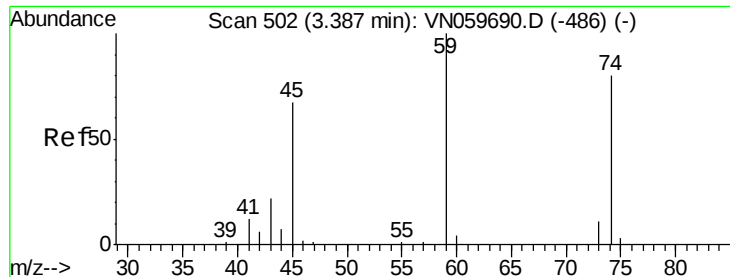
Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
101	100		
103	72.9	51.0	76.6





#8

Diethyl Ether

Concen: 0.749 ug/l

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 1049

Ion Ratio Lower Upper

74 100

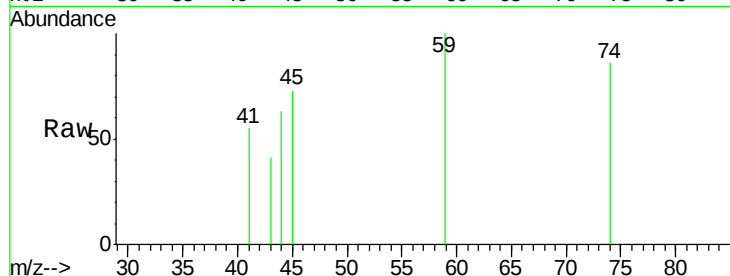
45 89.3 51.9 155.8

Manual Integrations

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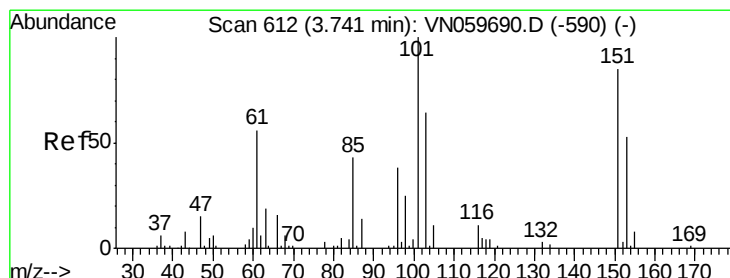
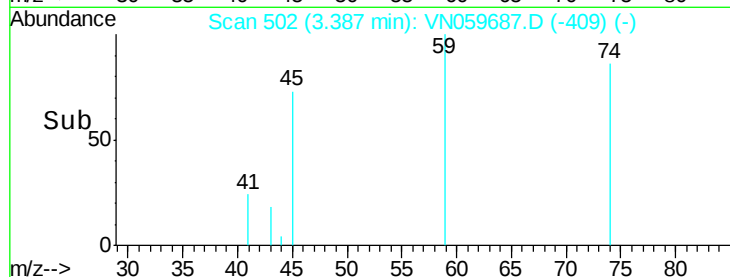
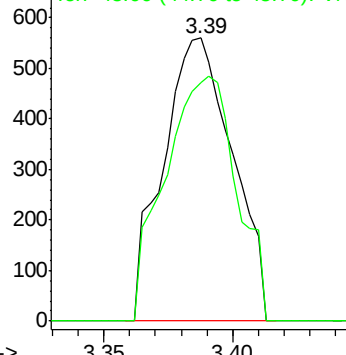
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Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.721 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

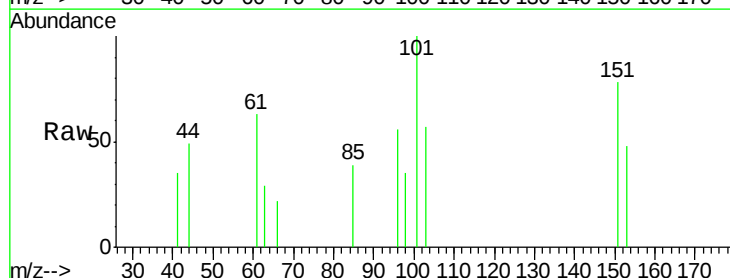
Tgt Ion: 101 Resp: 1629

Ion Ratio Lower Upper

101 100

85 14.1 36.6 54.8#

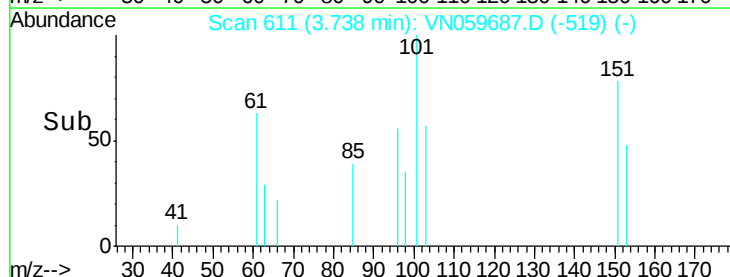
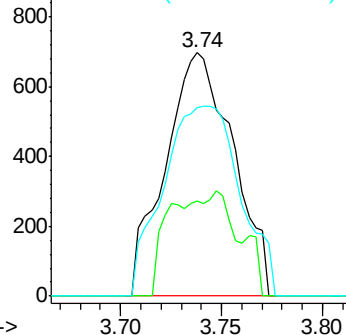
151 88.9 59.7 89.5

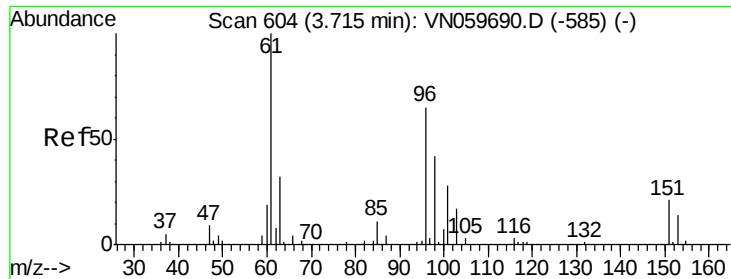


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





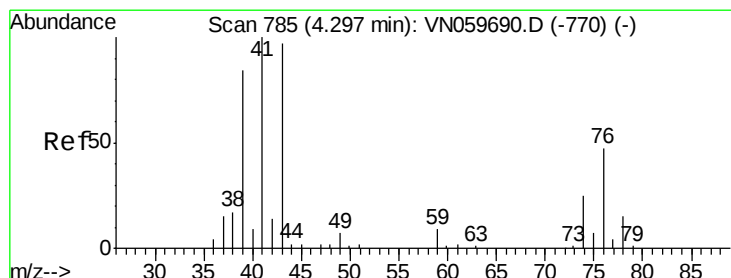
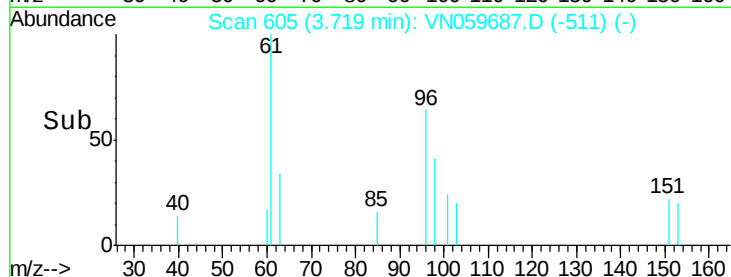
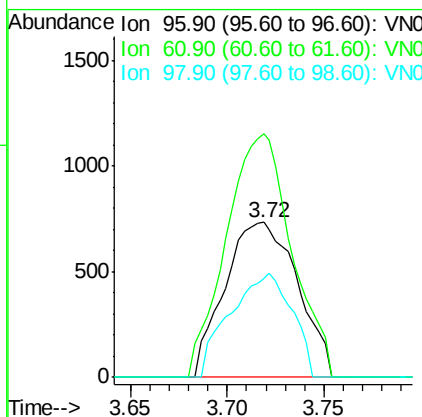
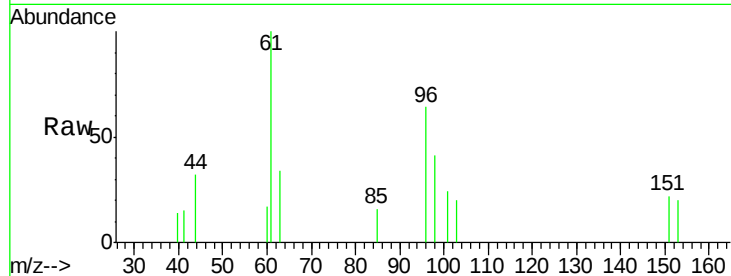
#12
1,1-Dichloroethene
Concen: 0.872 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
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VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.1	137.5	206.3
98	63.8	50.2	75.4

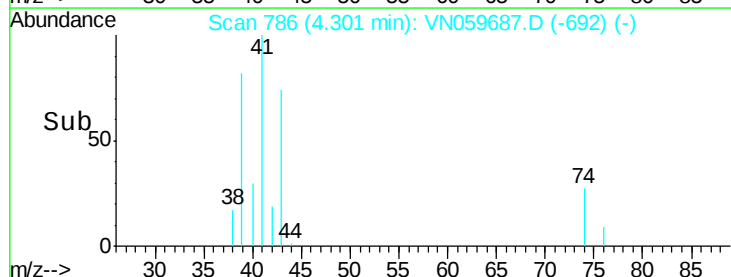
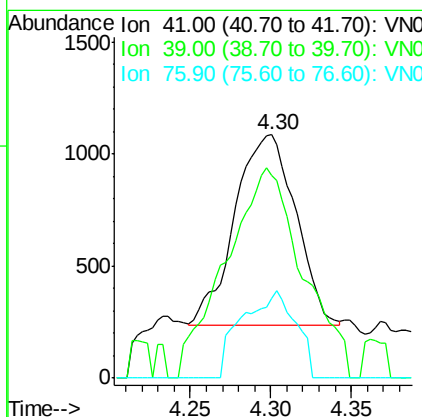
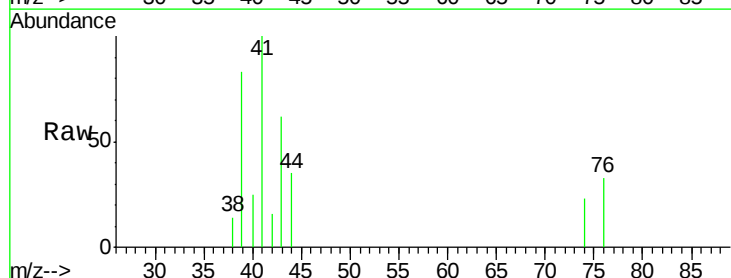
Manual Integrations
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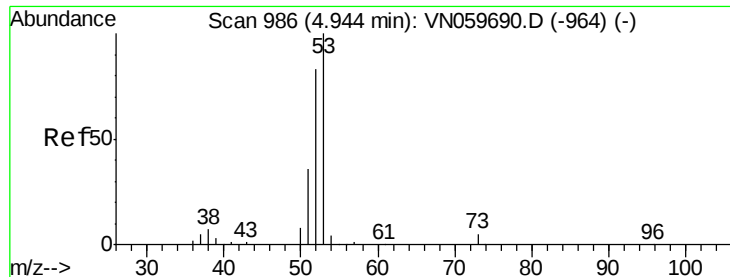
apatel
1/14/2020 2:40:42 PM



#14
Allyl chloride
Concen: 0.497 ug/l m
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
41	100		
39	138.1	57.8	86.8#
76	40.4	25.4	38.0#





#15

Acrylonitrile

Concen: 2.781 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.02 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

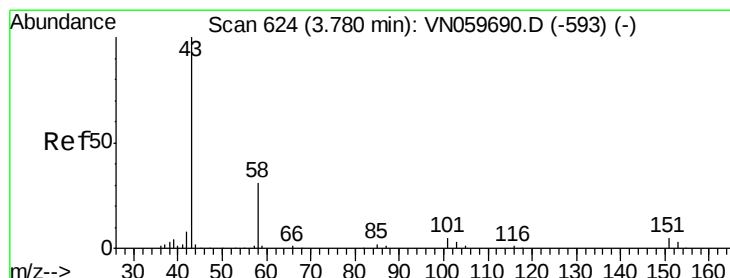
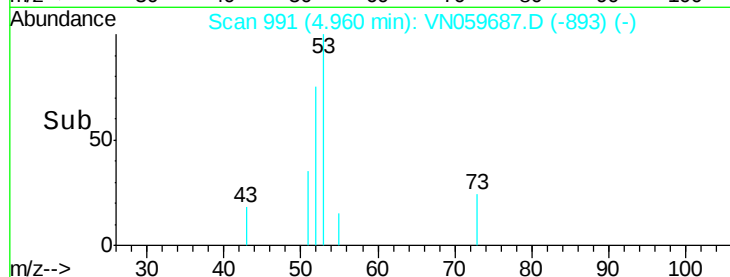
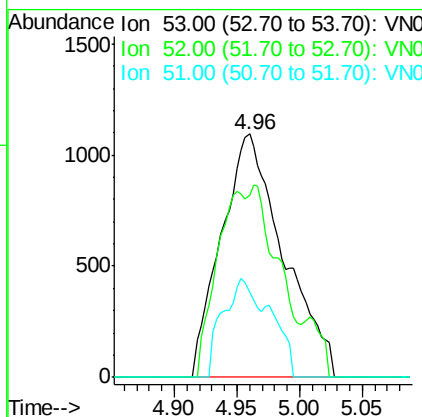
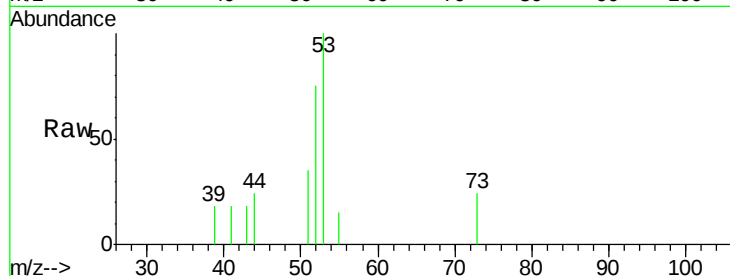
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	3770
Ion	Ratio	Lower	Upper
53	100		
52	36.3	66.3	99.5#
51	22.1	29.7	44.5#

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#16

Acetone

Concen: 4.264 ug/l

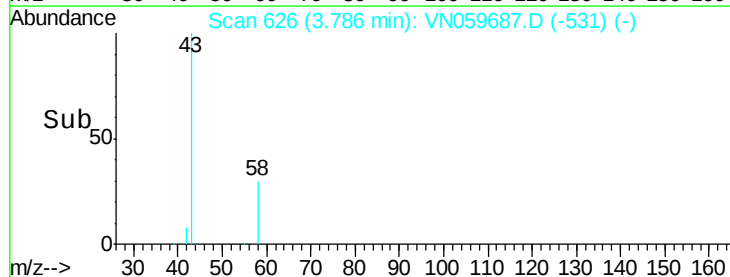
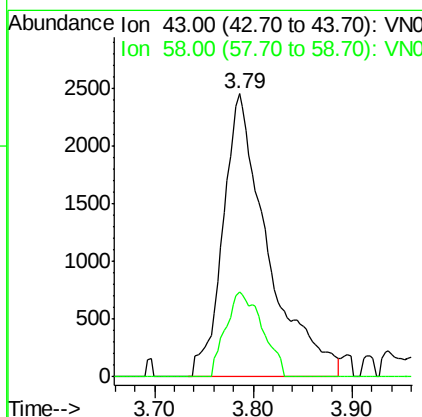
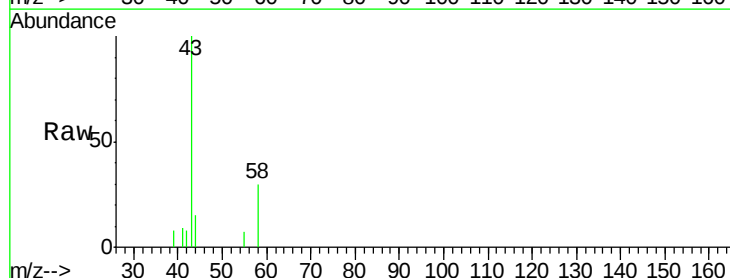
RT: 3.79 min Scan# 626

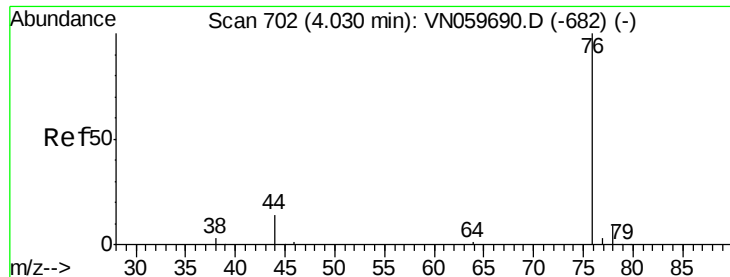
Delta R.T. 0.01 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Tgt Ion:	43	Resp:	7739
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.6	35.4





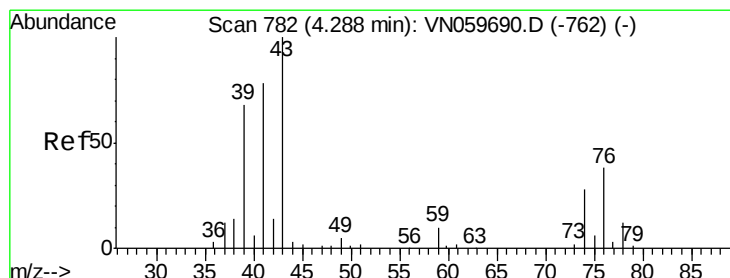
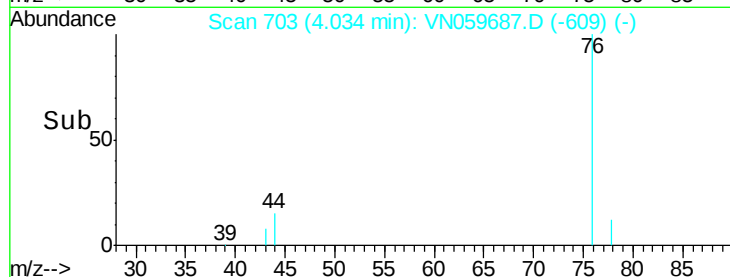
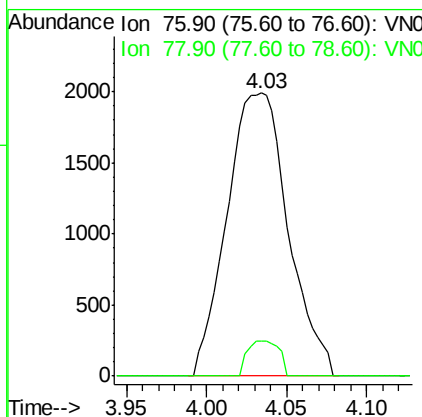
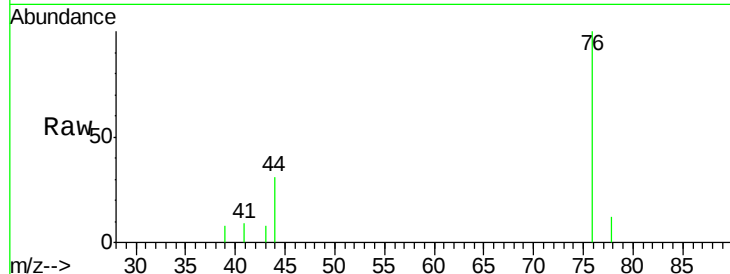
#17
Carbon Disulfide
Concen: 0.692 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 76 Resp: 5232
Ion Ratio Lower Upper
76 100
78 12.4 7.4 11.0#

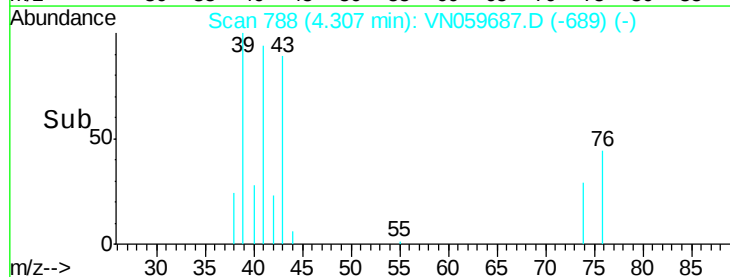
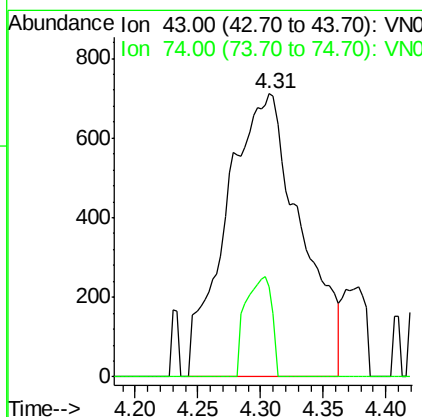
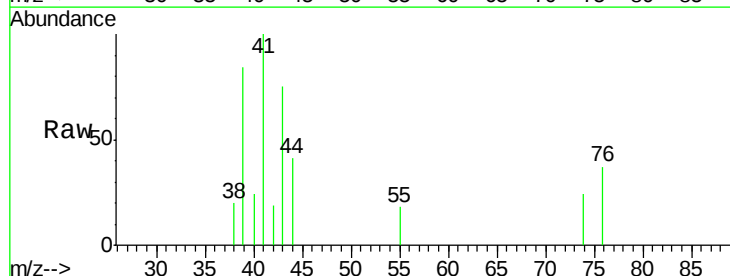
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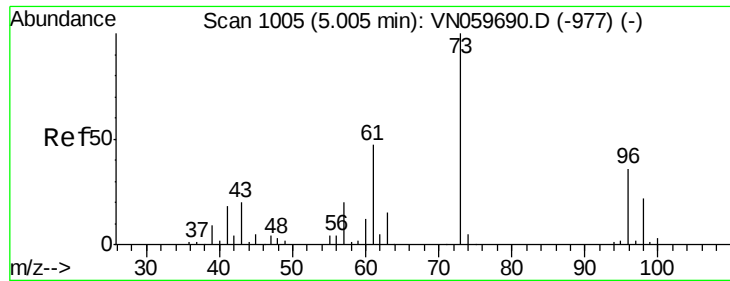
apatel
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#18
Methyl Acetate
Concen: 0.771 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.02 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion: 43 Resp: 2933
Ion Ratio Lower Upper
43 100
74 12.4 17.5 26.3#





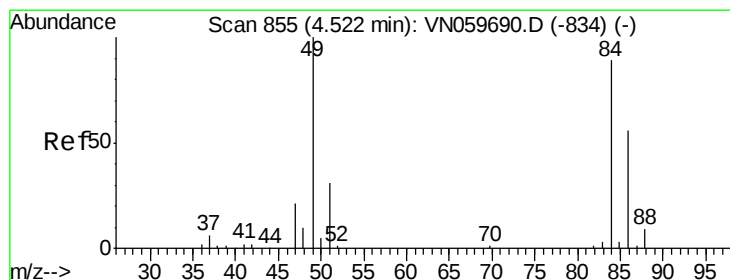
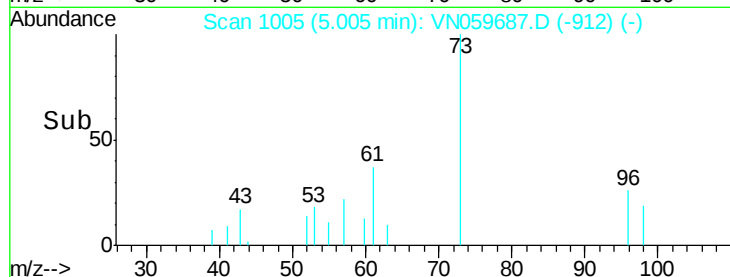
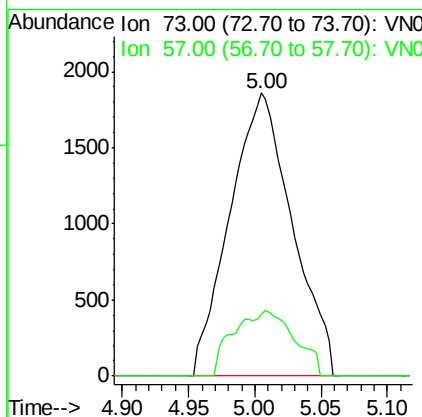
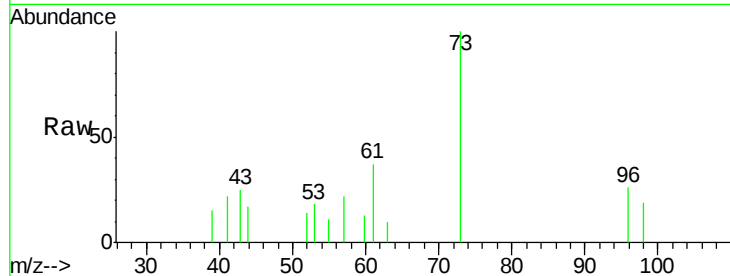
#19
Methvl tert-butvl Ether
Concen: 0.784 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 6100
Ion Ratio Lower Upper
73 100
57 22.0 18.6 27.8

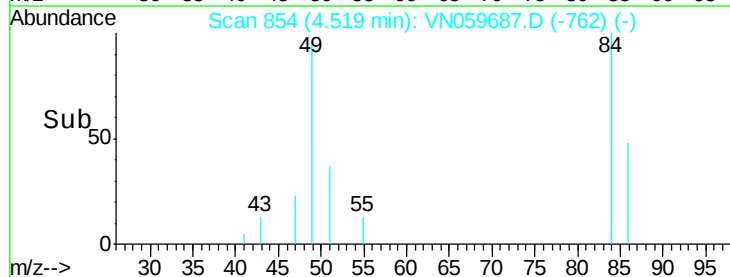
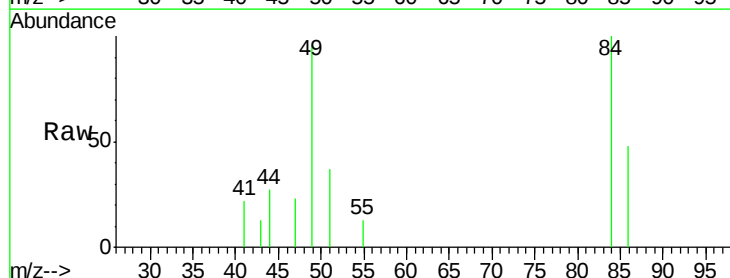
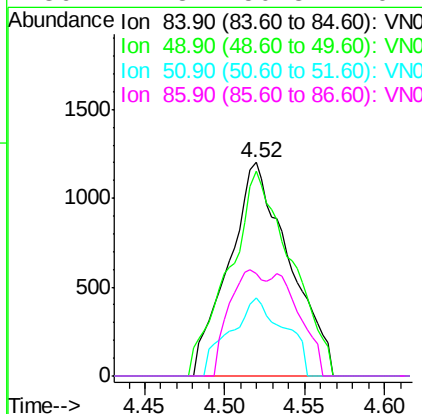
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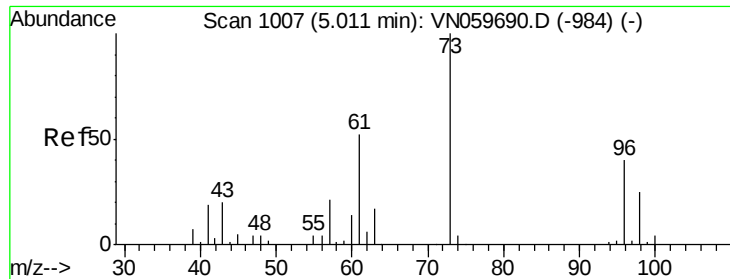
apatel
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#20
Methylene Chloride
Concen: 1.190 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion: 84 Resp: 3119
Ion Ratio Lower Upper
84 100
49 95.7 106.6 160.0#
51 36.7 31.9 47.9
86 47.8 50.8 76.2#





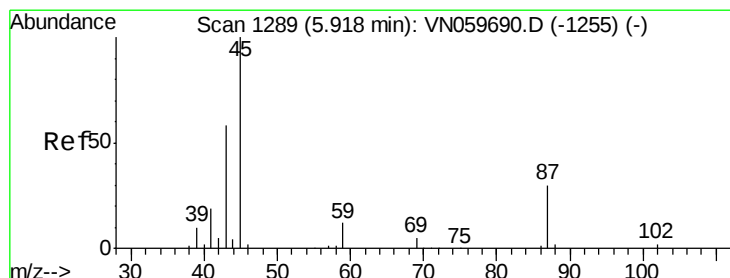
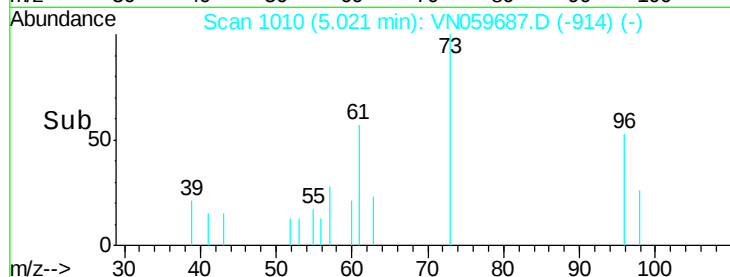
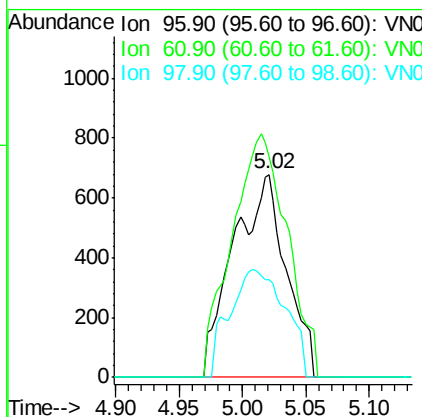
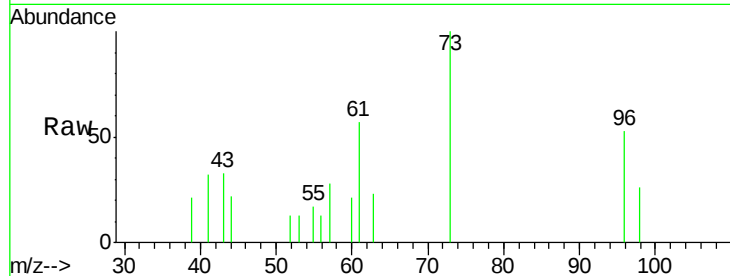
#21
trans-1,2-Dichloroethene
Concen: 0.800 ug/l m
RT: 5.02 min Scan# 1010
Delta R.T. 0.01 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 96 Resp: 1966
Ion Ratio Lower Upper
96 100
61 108.4 120.4 180.6#
98 48.4 50.6 75.8#

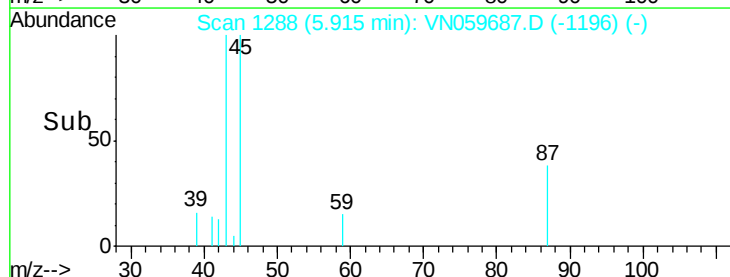
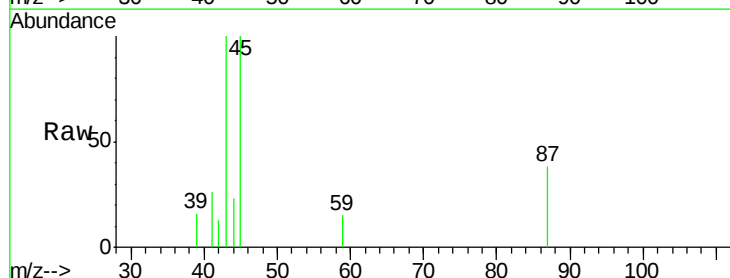
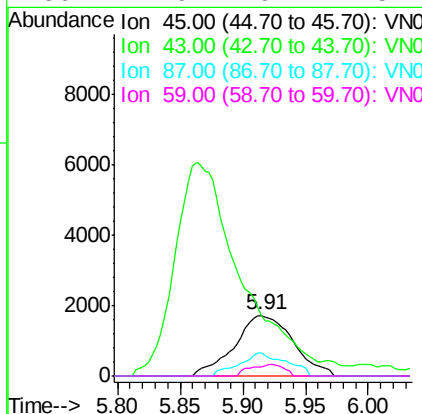
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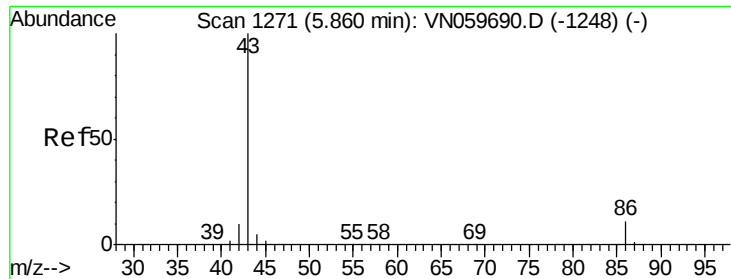
apatel
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#22
Diisopropyl ether
Concen: 0.670 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion: 45 Resp: 5590
Ion Ratio Lower Upper
45 100
43 80.2 50.8 76.2#
87 38.2 21.0 31.6#
59 14.9 9.1 13.7#





#23

Vinyl Acetate

Concen: 3.410 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 22315

Ion Ratio Lower Upper

43 100

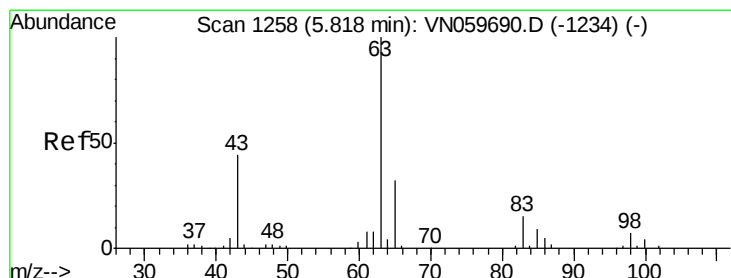
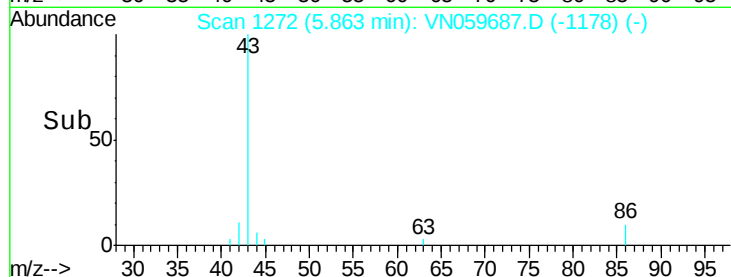
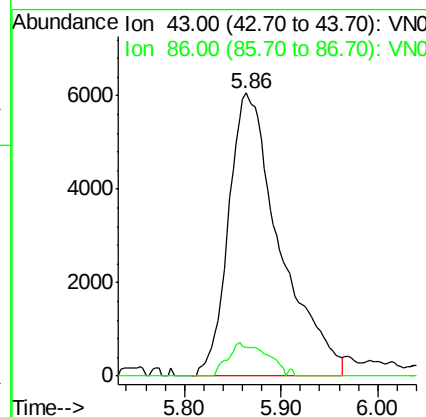
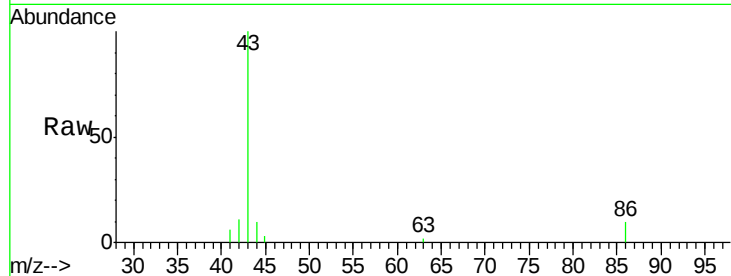
86 10.2 7.6 11.4

Manual Integrations

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1/14/2020 2:40:42 PM



#24

1,1-Dichloroethane

Concen: 0.752 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

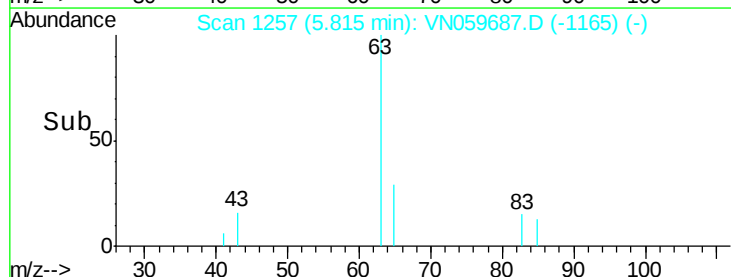
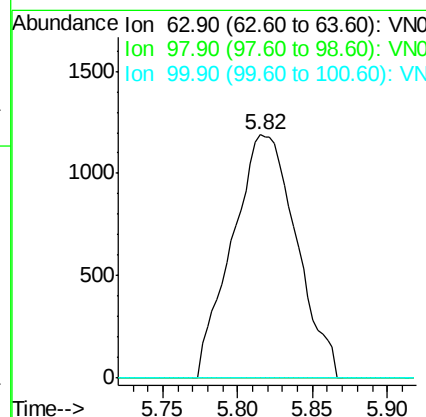
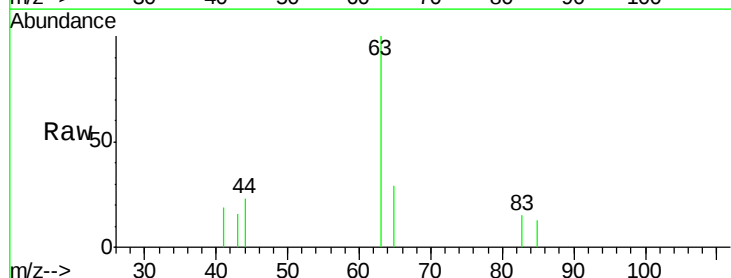
Tgt Ion: 63 Resp: 3553

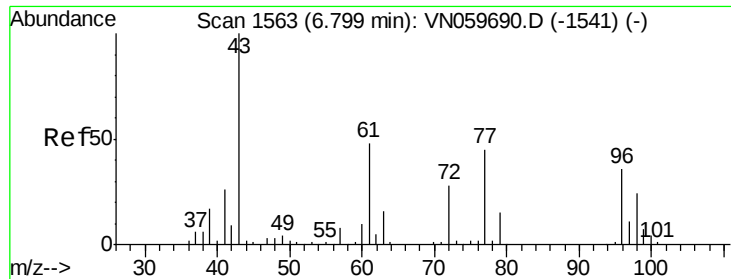
Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.7#

100 0.0 2.0 6.0#





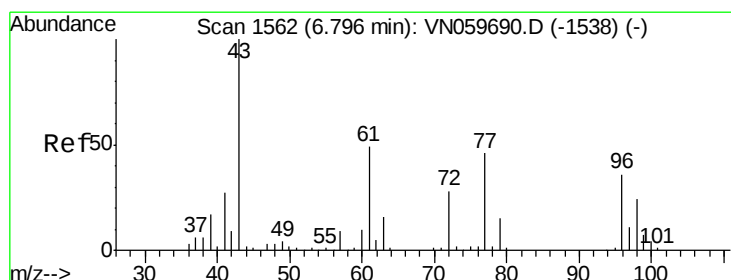
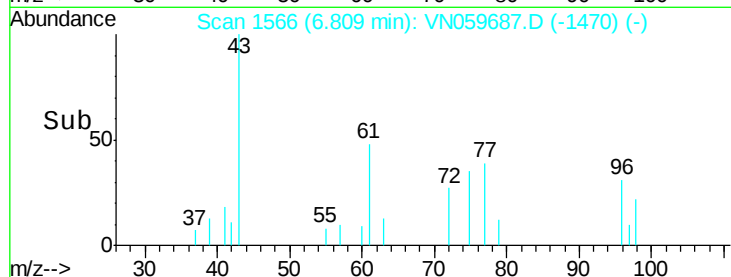
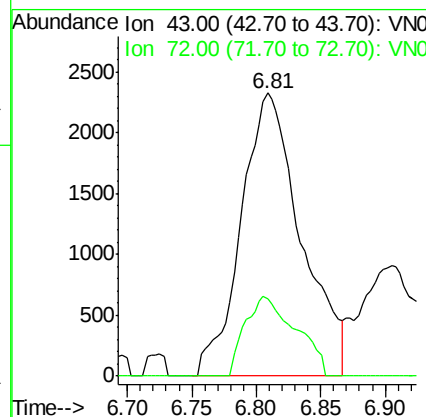
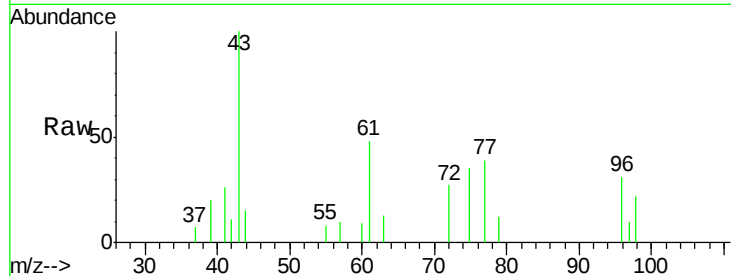
#25
 2-Butanone
 Concen: 3.474 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 43 Resp: 7539
 Ion Ratio Lower Upper
 43 100
 72 27.4 19.9 29.9

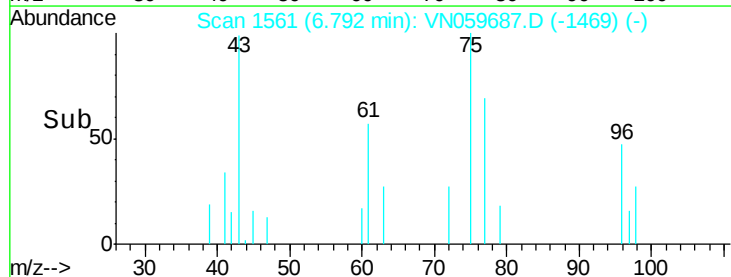
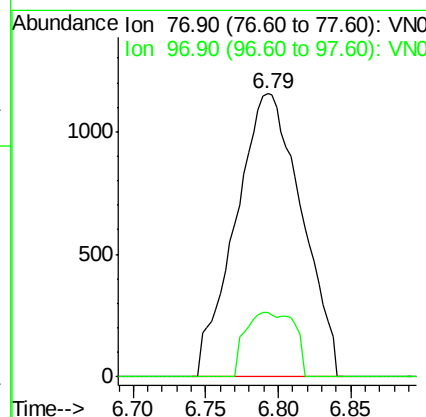
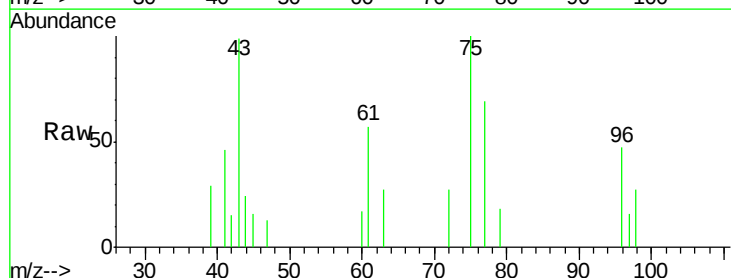
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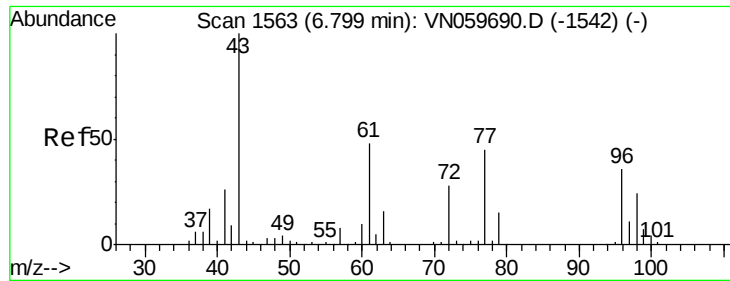
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#26
 2,2-Dichloropropane
 Concen: 0.852 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Tgt Ion: 77 Resp: 3657
 Ion Ratio Lower Upper
 77 100
 97 16.8 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 0.855 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

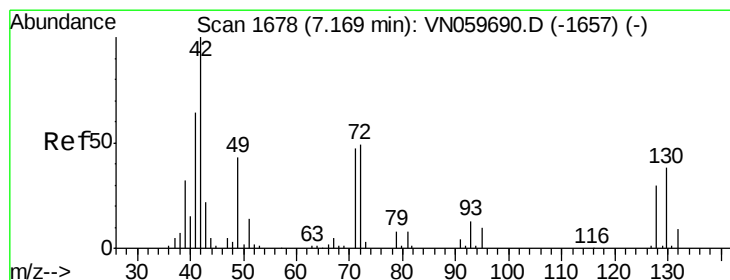
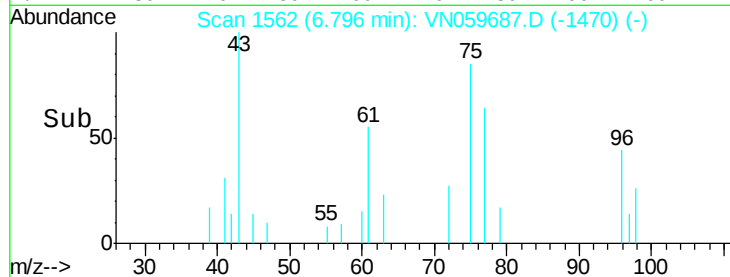
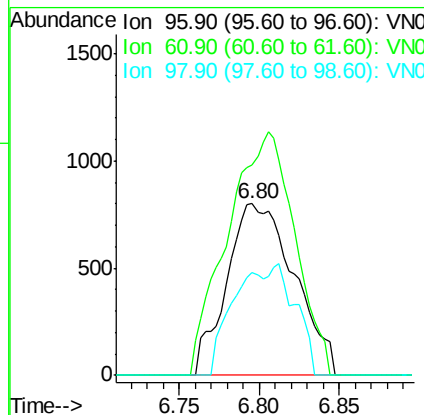
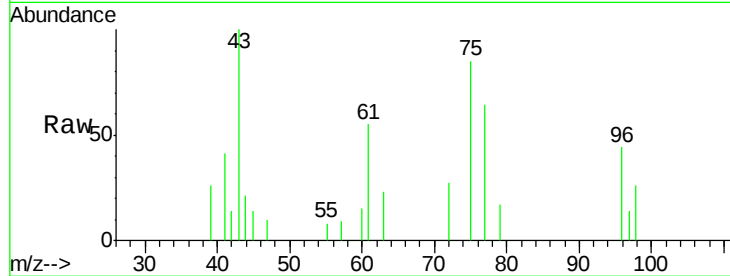
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2327
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	317.6
98	30.5	0.0	127.0

Manual Integrations
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#28

Bromochloromethane

Concen: 0.926 ug/l

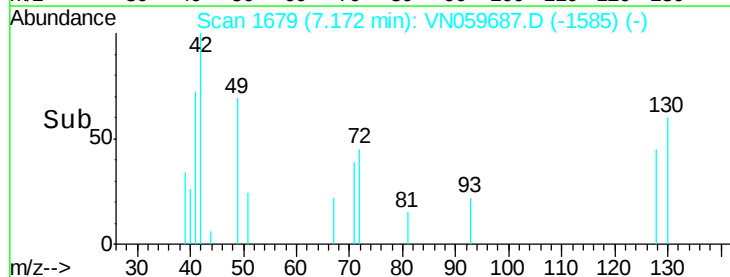
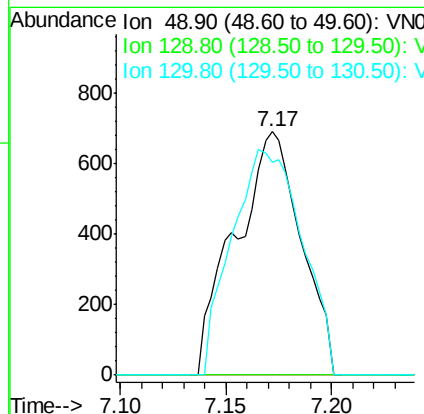
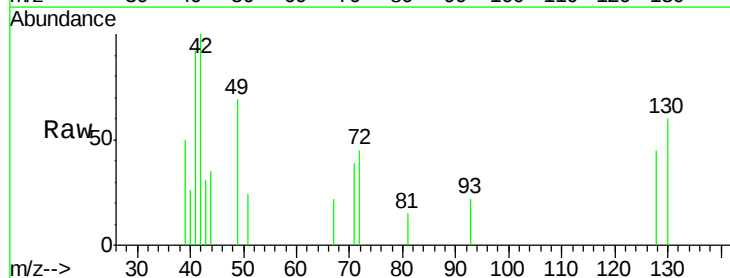
RT: 7.17 min Scan# 1679

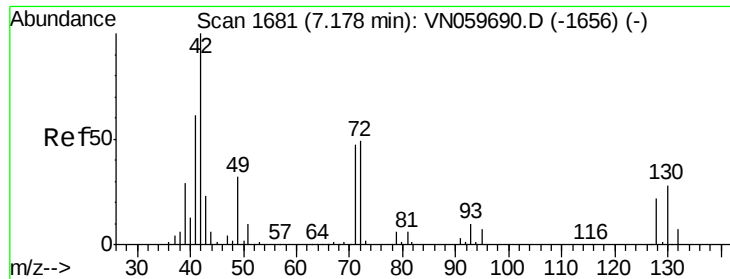
Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Tgt Ion:	49	Resp:	1500
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	98.5	54.7	82.1#





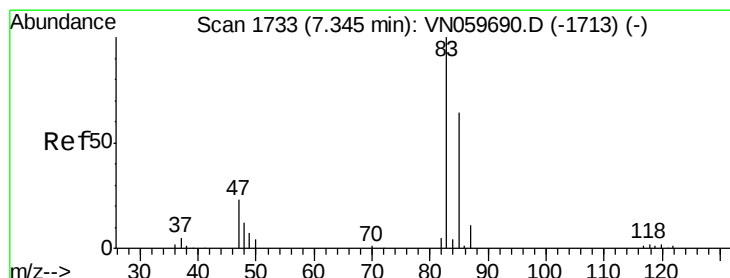
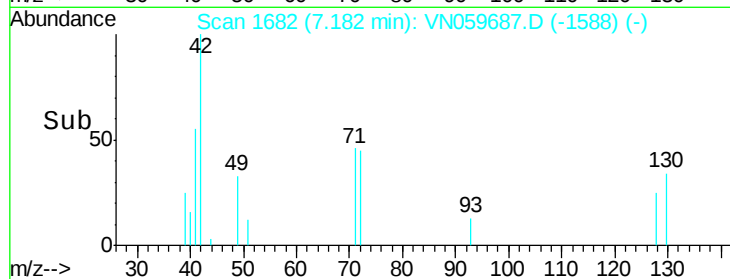
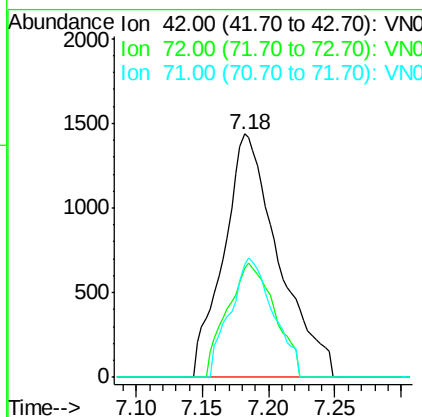
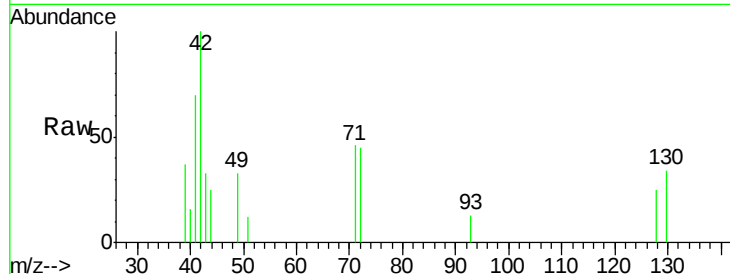
#29
Tetrahydrofuran
Concen: 3.134 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.1	49.7
71	38.4	31.4	47.0

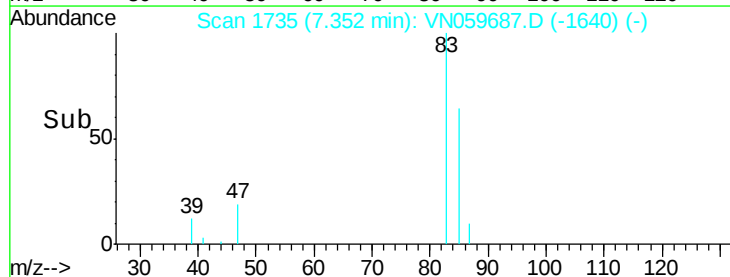
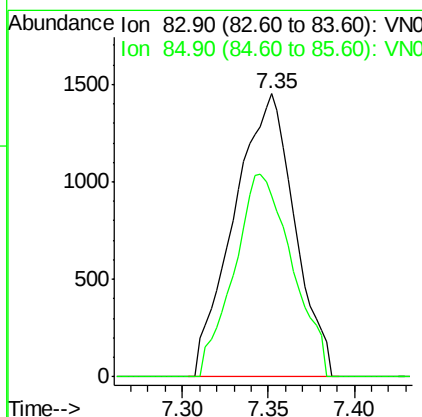
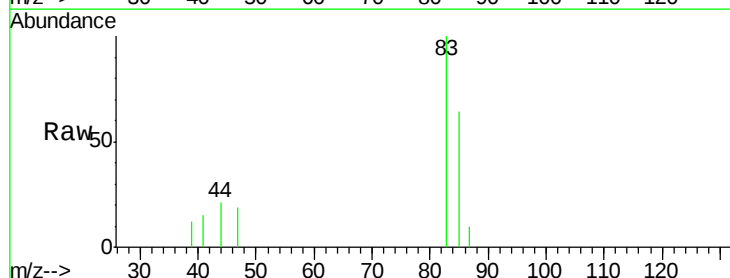
Manual Integrations
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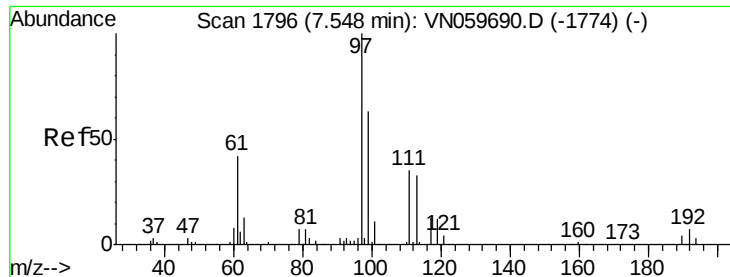
apatel
1/14/2020 2:40:42 PM



#30
Chloroform
Concen: 0.766 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.01 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.4	78.6





#32

1,1,1-Trichloroethane

Concen: 0.768 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

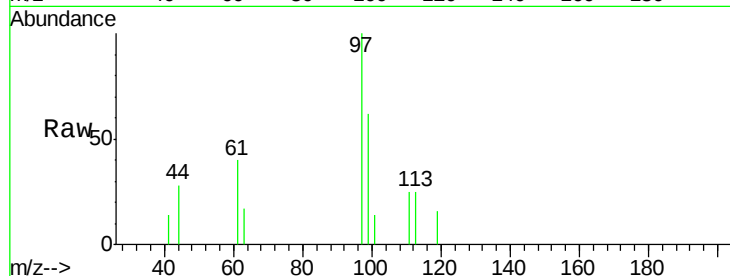
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	3218
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.4#
61	35.8	38.5	57.7#

Manual Integrations
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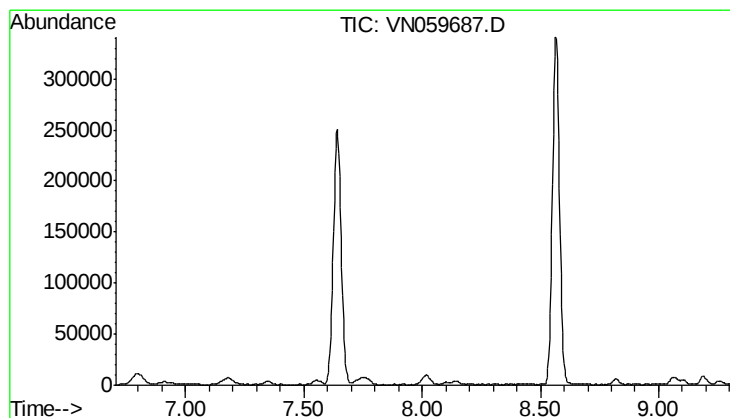
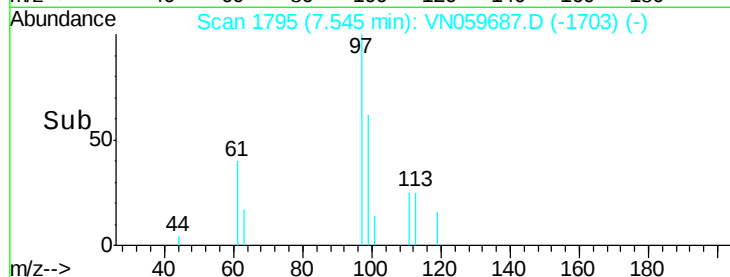
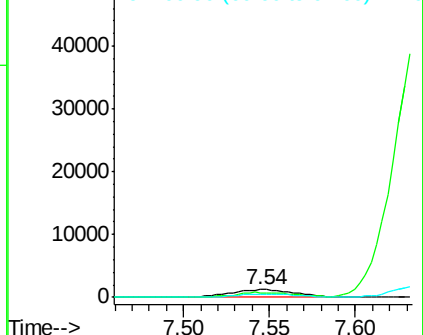


Abundance

Ion 96.90 (96.60 to 97.60): VN059687.D

Ion 98.90 (98.60 to 99.60): VN059687.D

Ion 60.90 (60.60 to 61.60): VN059687.D



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.00 min

Lab File: VN059687.D

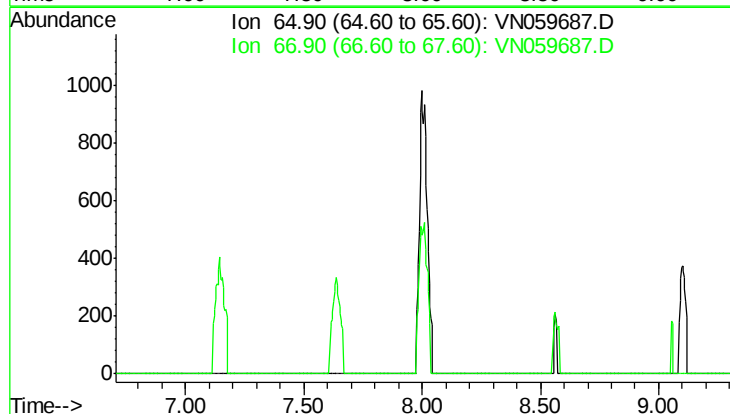
Acq: 13 Jan 2020 13:43

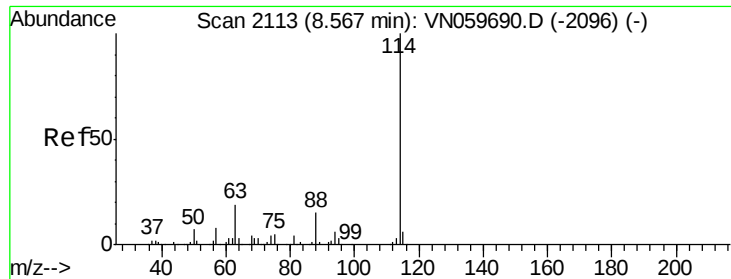
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.5





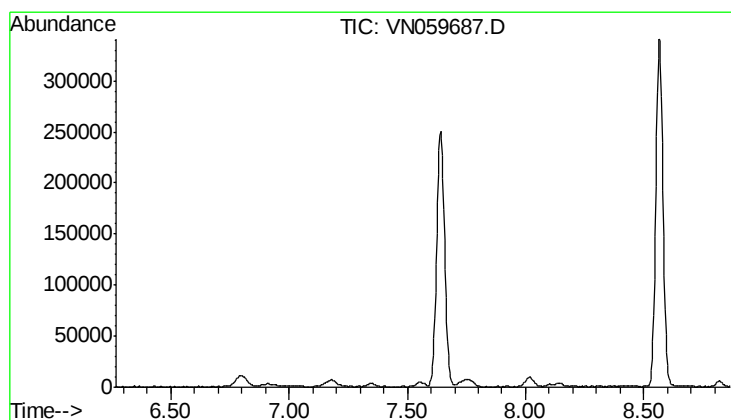
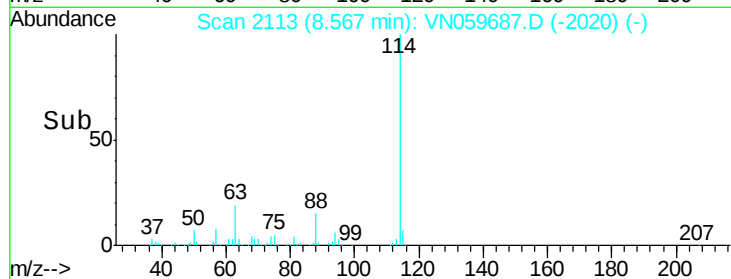
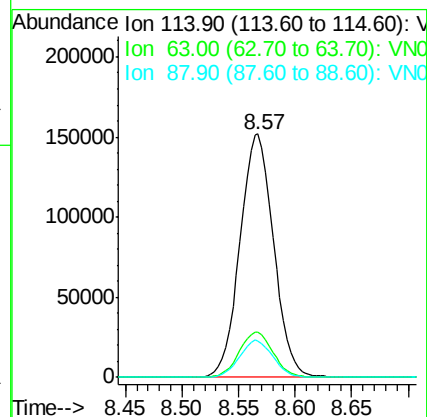
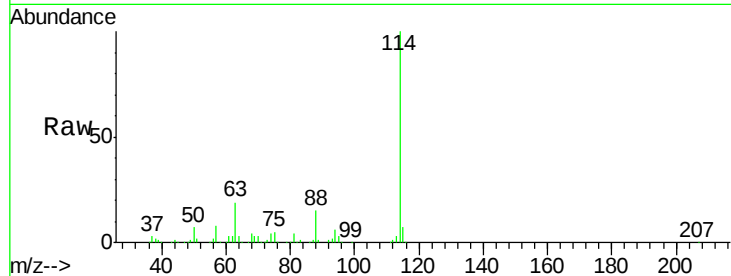
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.6	0.0	43.6
88	15.0	0.0	31.4

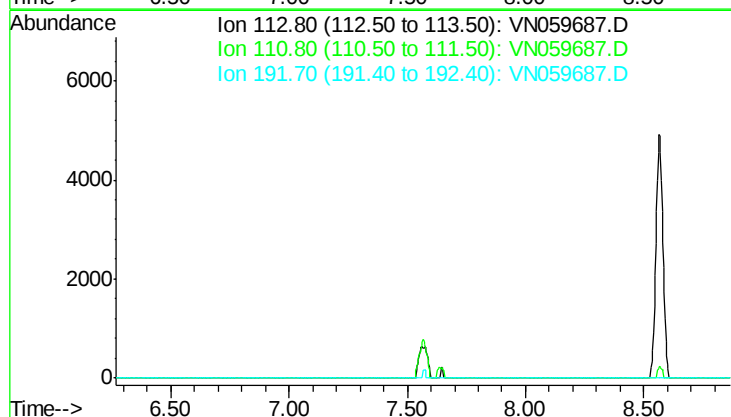
Manual Integrations
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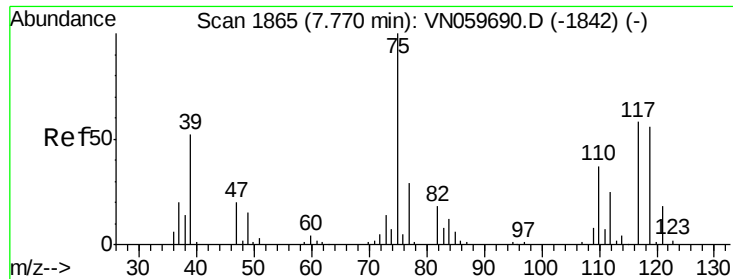
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#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.57 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Tgt Ion	Exp Ratio
113	100
111	104.4
192	19.3





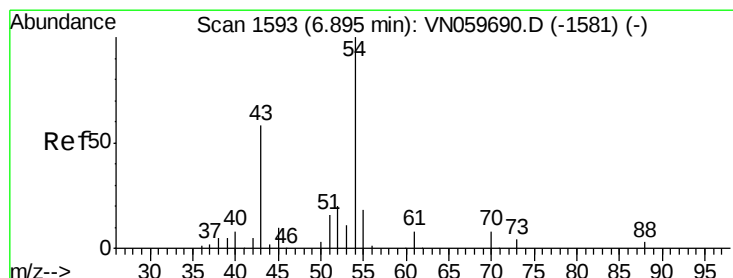
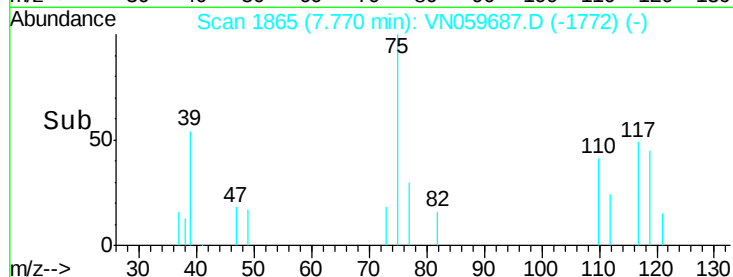
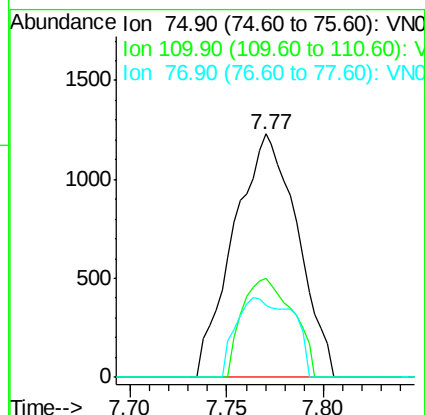
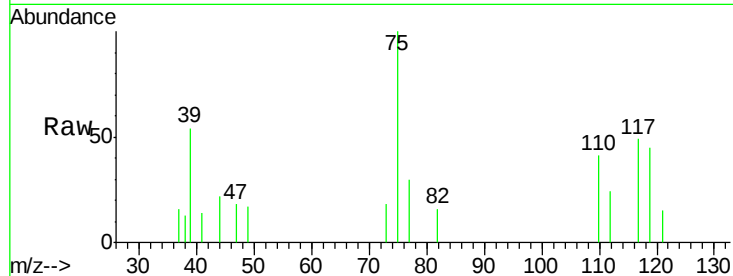
#36
 1,1-Dichloropropene
 Concen: 0.855 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.6	49.7
77	28.9	25.1	37.7

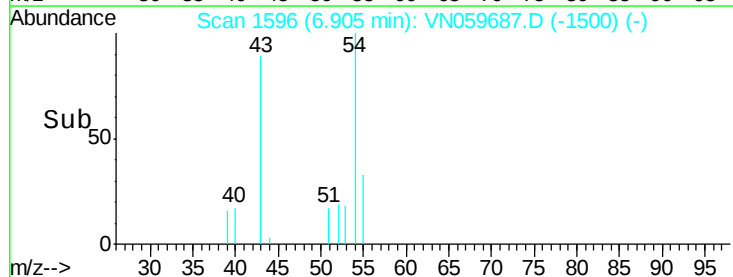
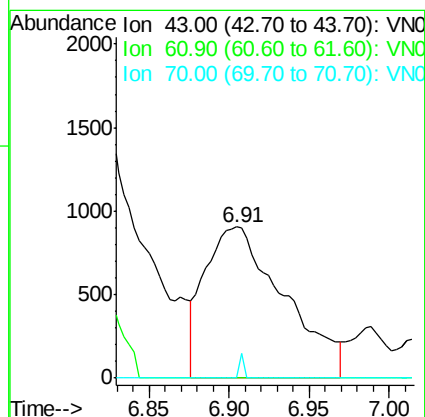
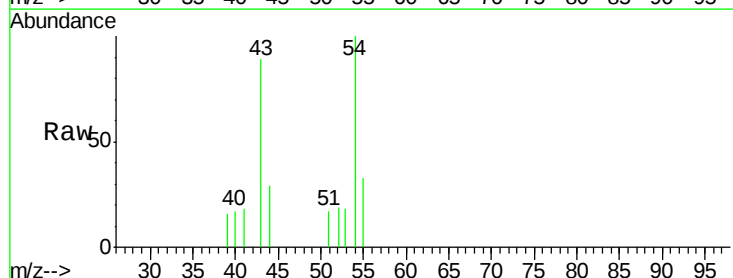
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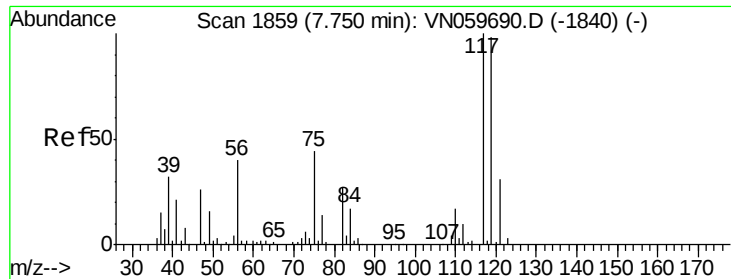
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#37
 Ethyl Acetate
 Concen: 0.812 ug/l
 RT: 6.91 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.9	7.7	11.5#





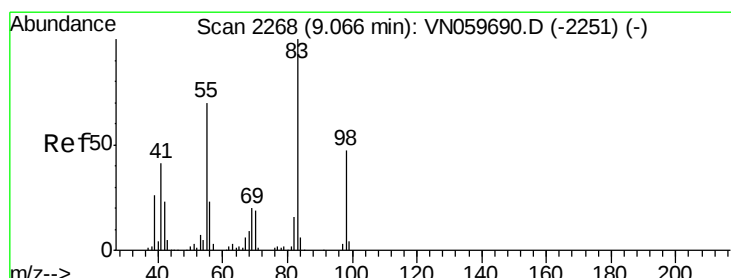
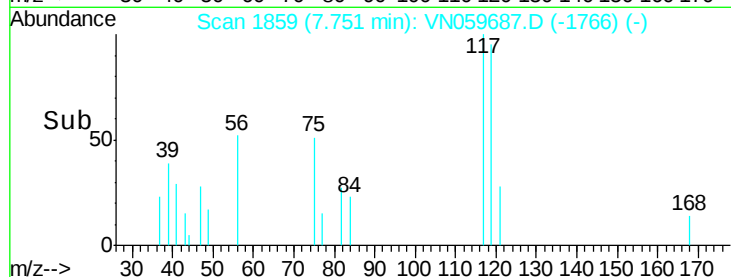
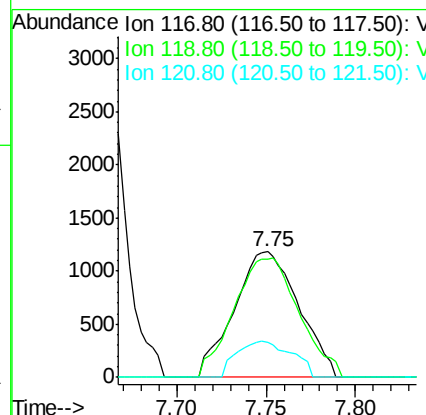
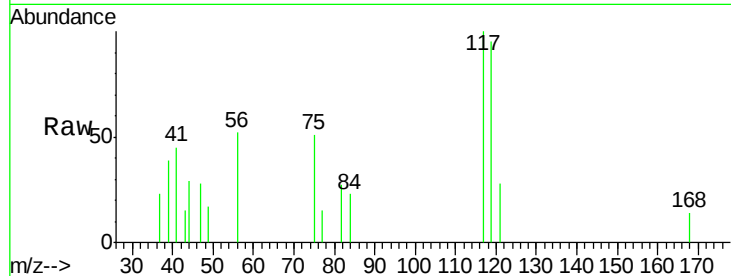
#38
Carbon Tetrachloride
Concen: 0.875 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.5	114.7
121	28.3	25.1	37.7

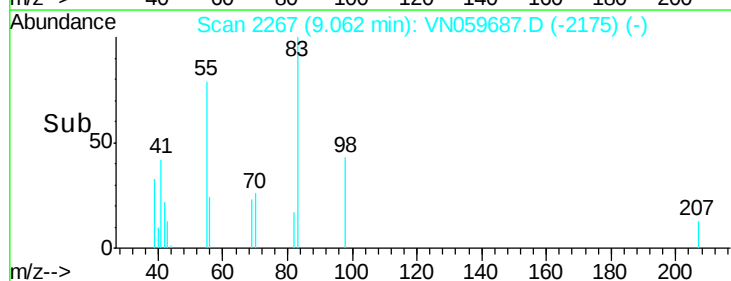
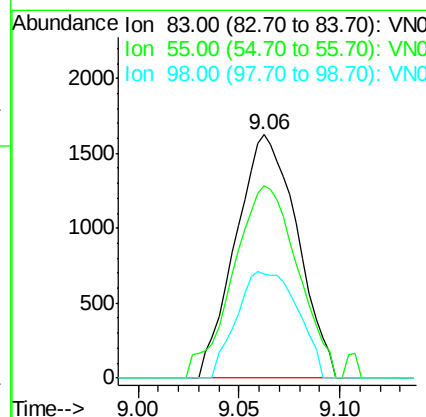
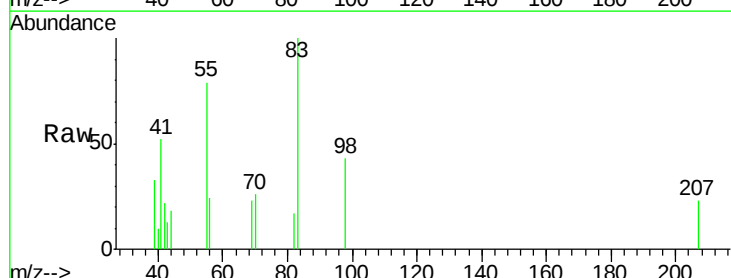
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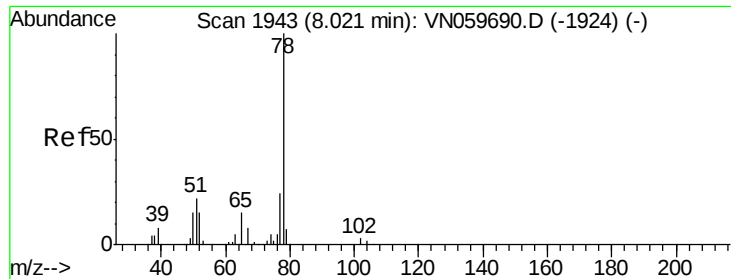
apatel
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#39
Methylcyclohexane
Concen: 0.927 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.1	64.2	96.2
98	42.8	35.9	53.9





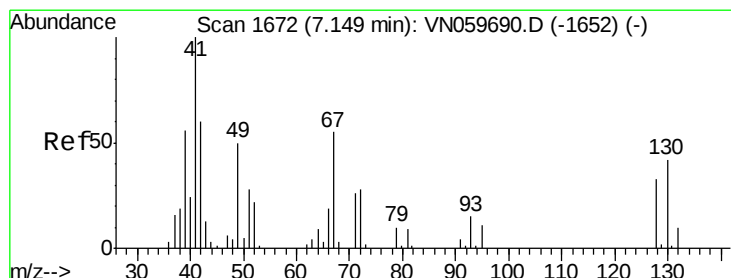
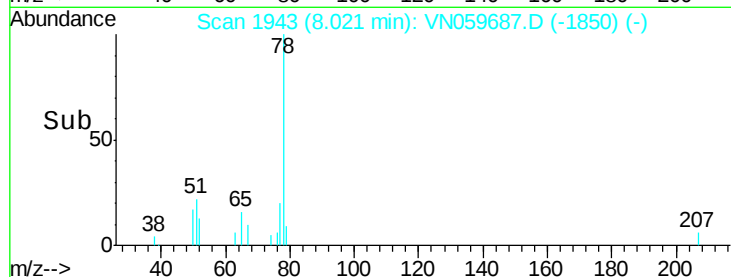
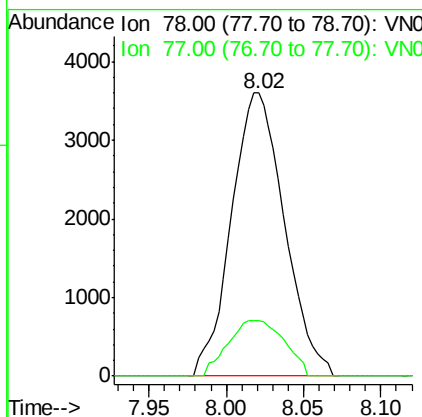
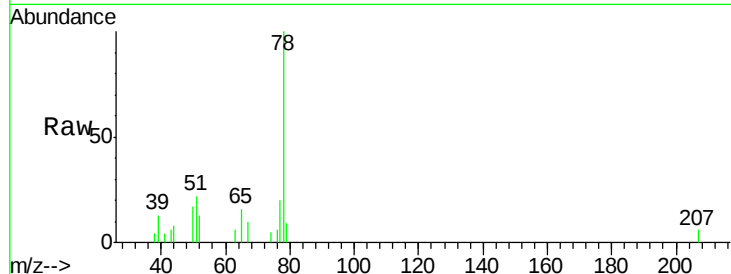
#40
Benzene
Concen: 0.892 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
78	100		
77	19.8	18.9	28.3

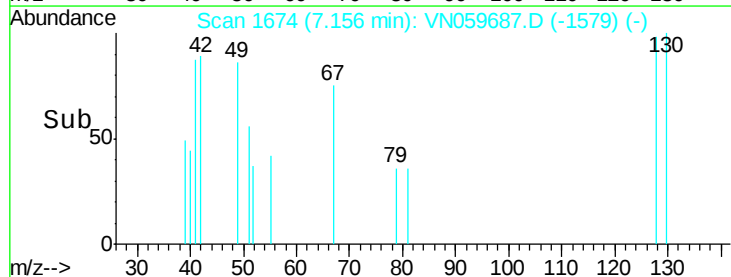
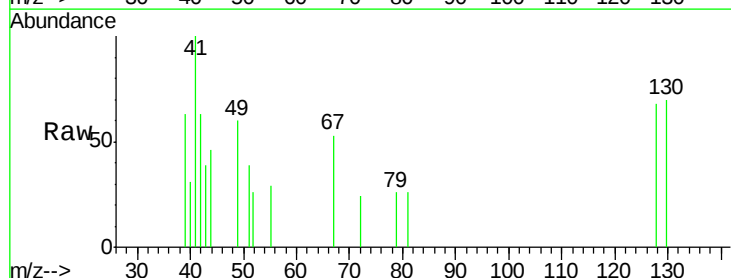
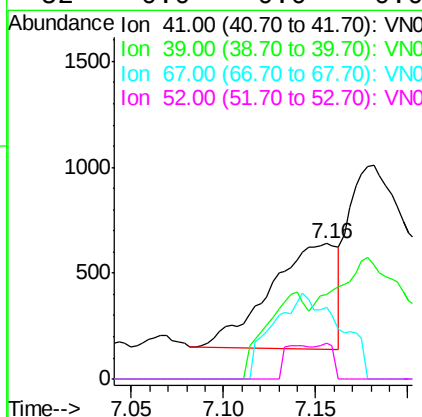
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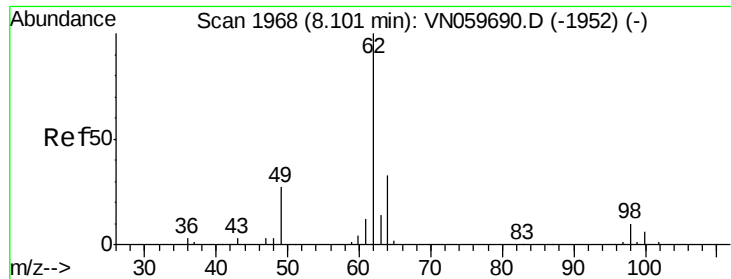
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#41
Methacrylonitrile
Concen: 0.806 ug/l m
RT: 7.16 min Scan# 1674
Delta R.T. 0.01 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
41	100		
39	125.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0





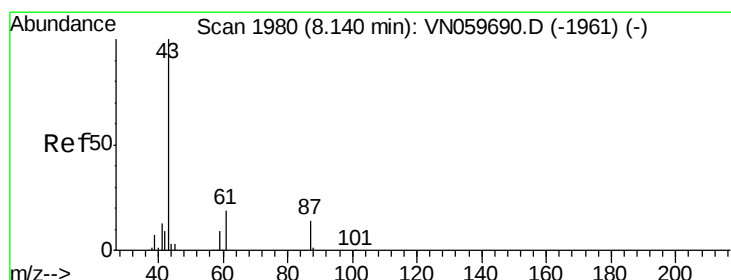
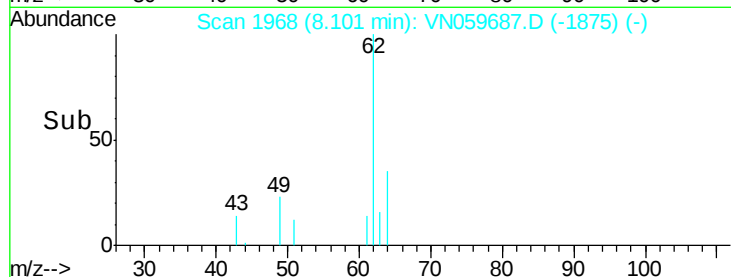
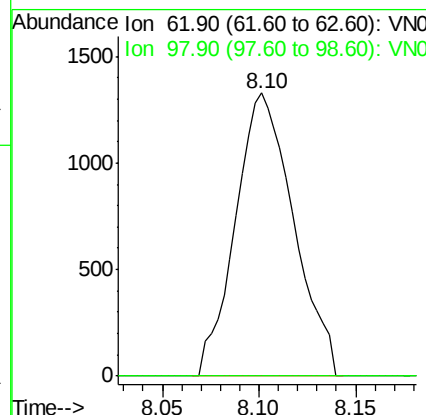
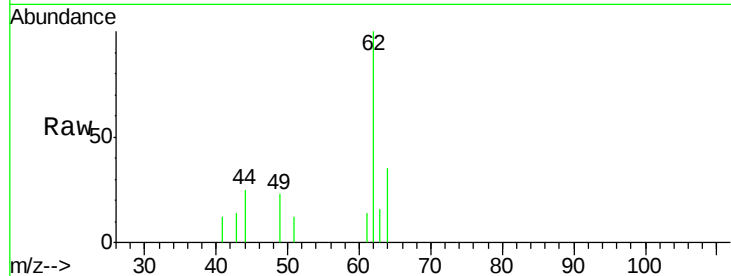
#42
 1,2-Dichloroethane
 Concen: 0.755 ug/l
 RT: 8.10 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8

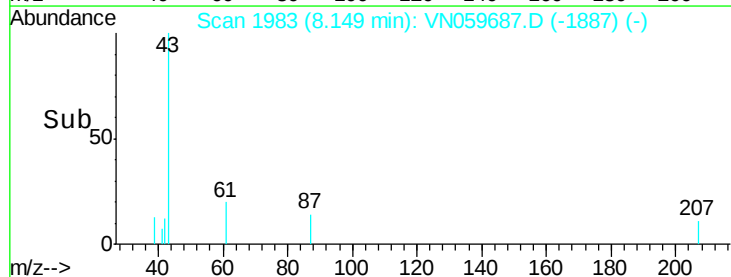
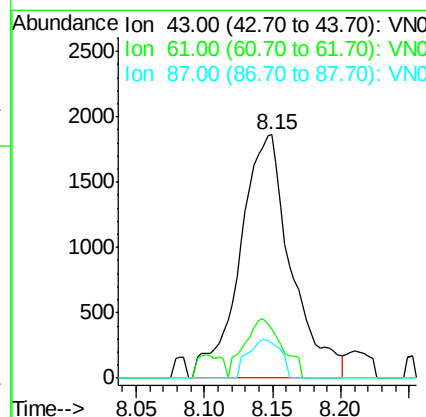
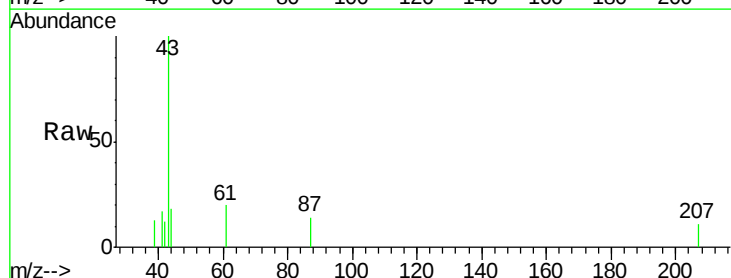
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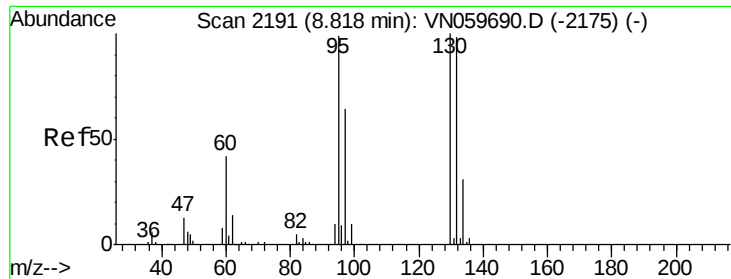
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#43
 Isopropyl Acetate
 Concen: 0.816 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.9	20.2	30.2#
87	10.1	9.5	14.3





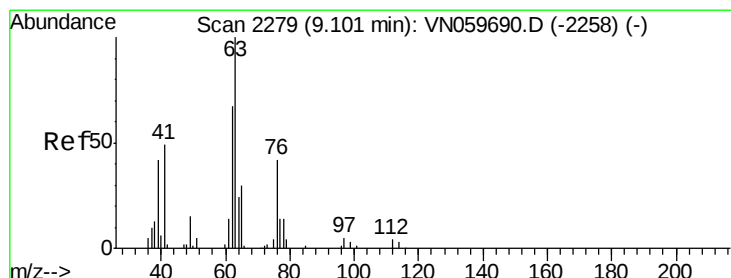
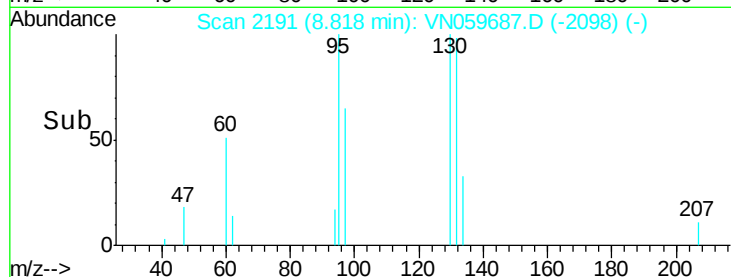
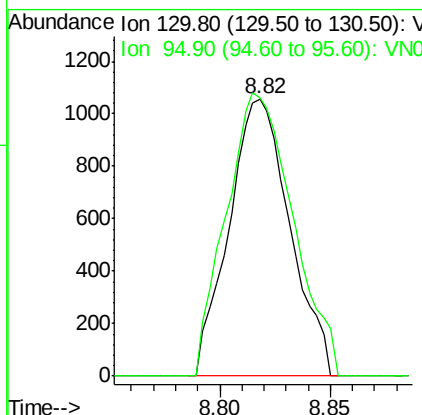
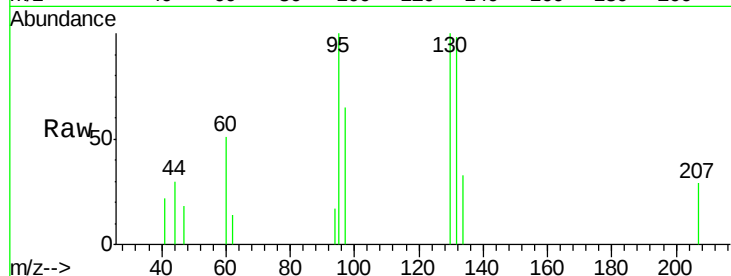
#44
 Trichloroethene
 Concen: 0.802 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:130 Resp: 2016
 Ion Ratio Lower Upper
 130 100
 95 100.4 0.0 207.0

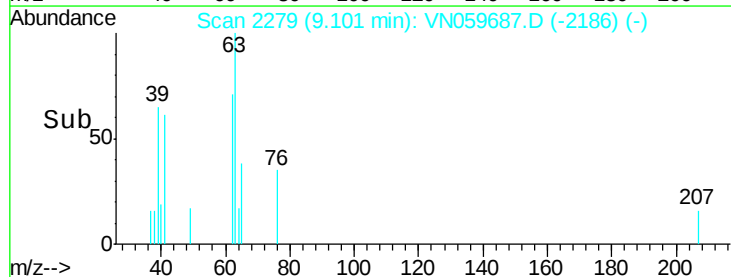
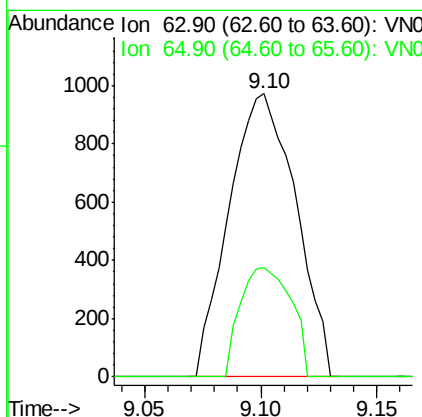
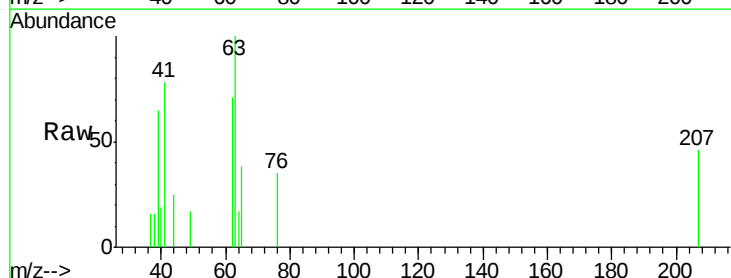
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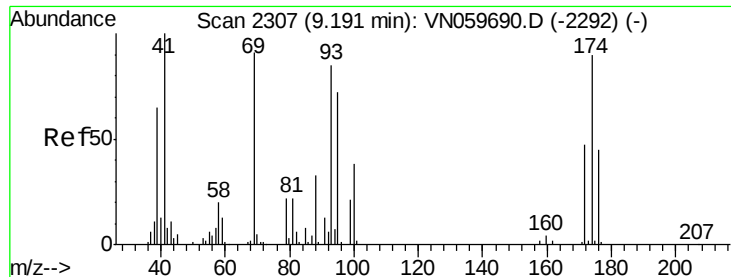
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#45
 1,2-Dichloropropane
 Concen: 0.749 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Tgt Ion: 63 Resp: 1942
 Ion Ratio Lower Upper
 63 100
 65 38.5 24.9 37.3#





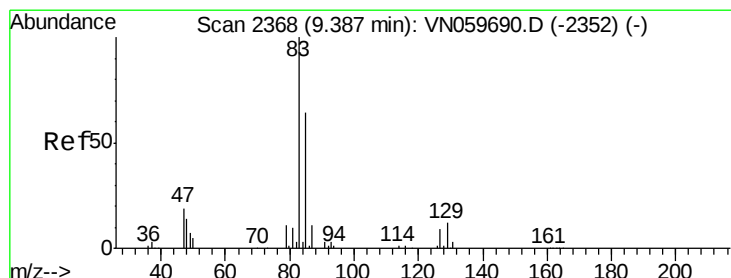
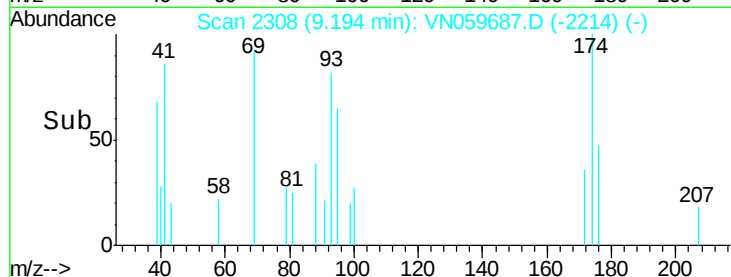
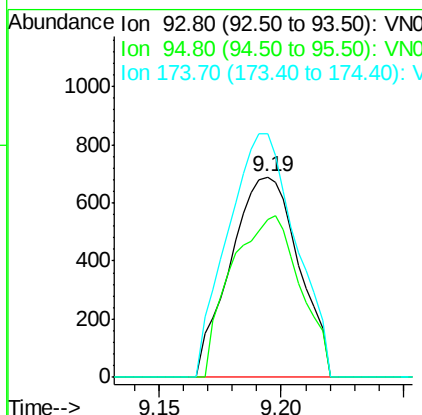
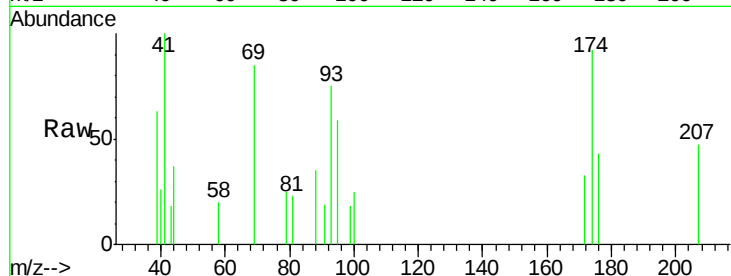
#46
Dibromomethane
Concen: 0.785 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	81.8	67.0	100.6
174	121.3	73.4	110.2

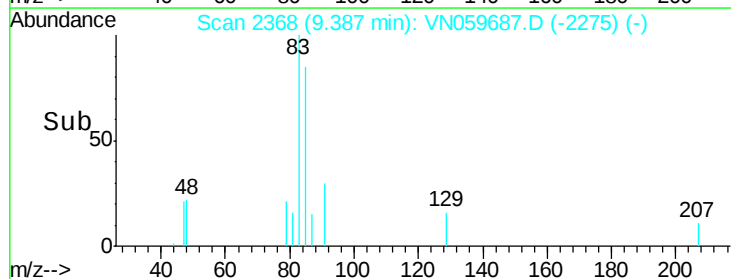
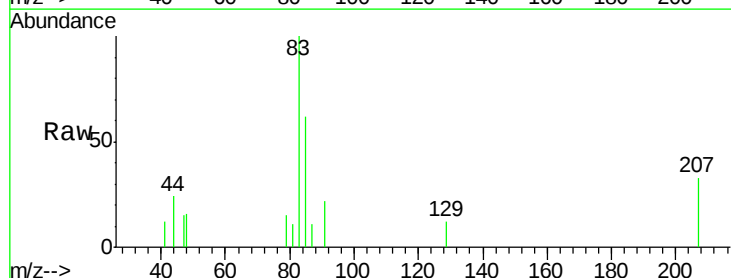
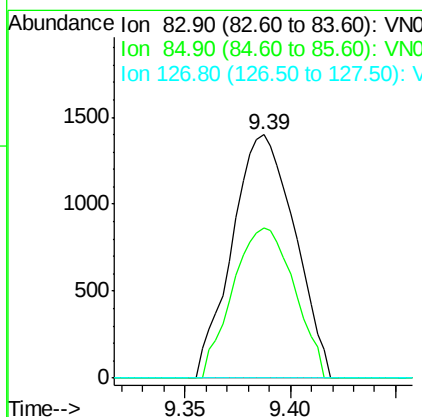
Manual Integrations
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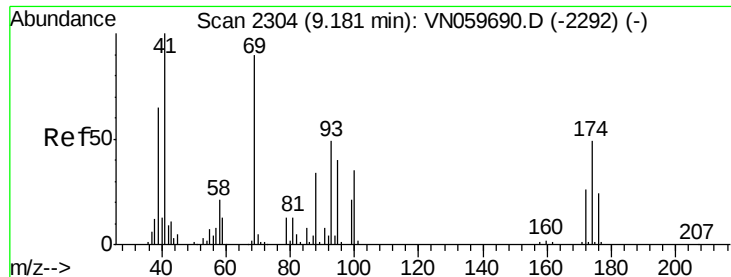
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#47
Bromodichloromethane
Concen: 0.853 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.1	76.7
127	0.0	6.6	9.8





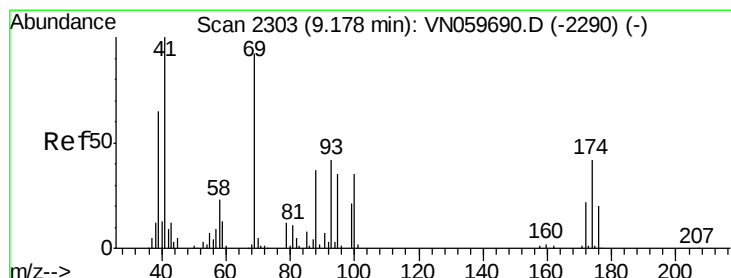
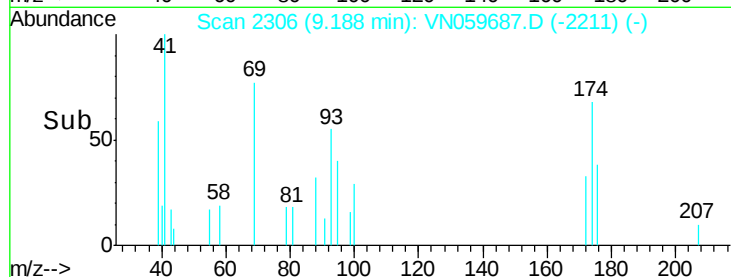
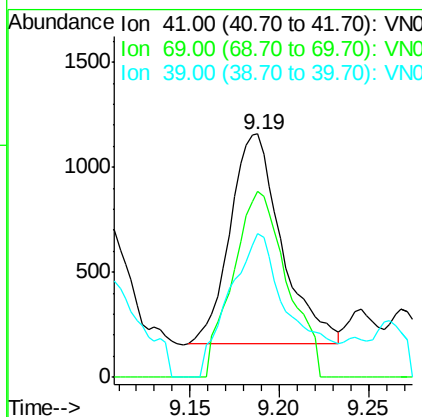
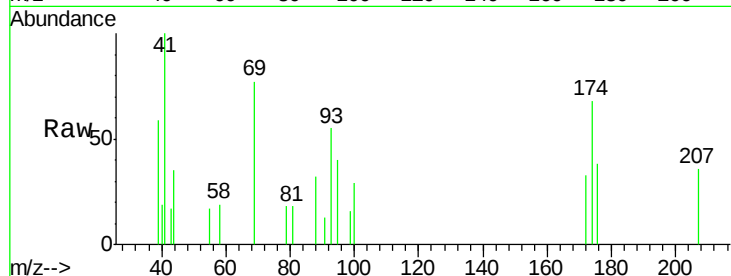
#48
Methvl methacrylate
Concen: 0.744 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.01 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	93.2	64.4	96.6
39	81.7	51.3	76.9#

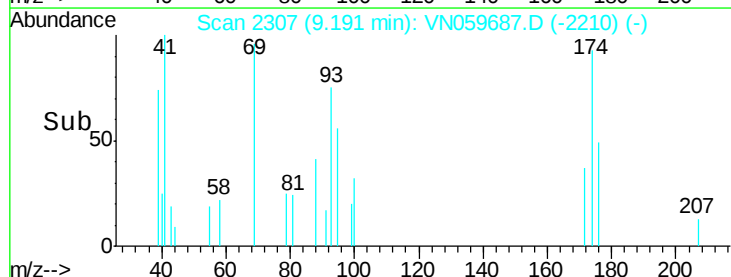
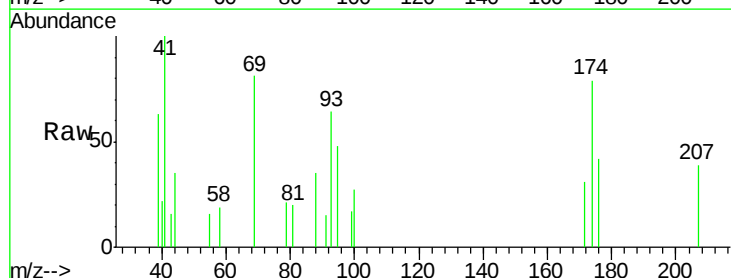
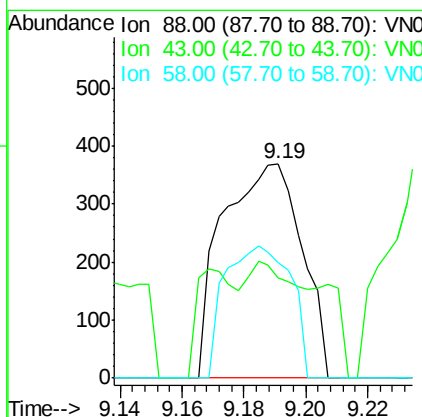
Manual Integrations
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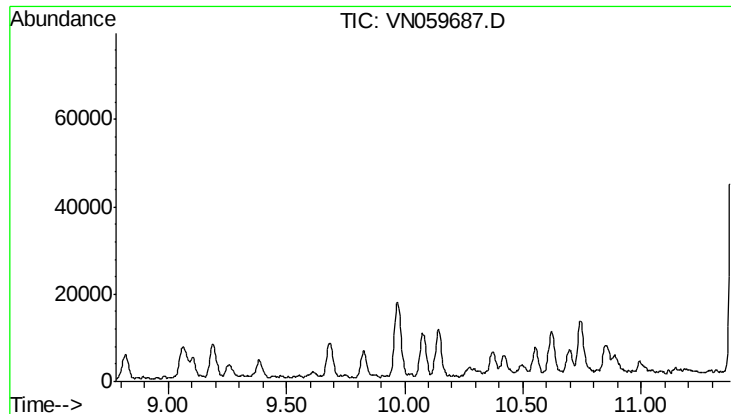
apatel
1/14/2020 2:40:42 PM



#49
1,4-Dioxane
Concen: 17.025 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.01 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.7	44.5#
58	51.3	56.6	85.0#





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

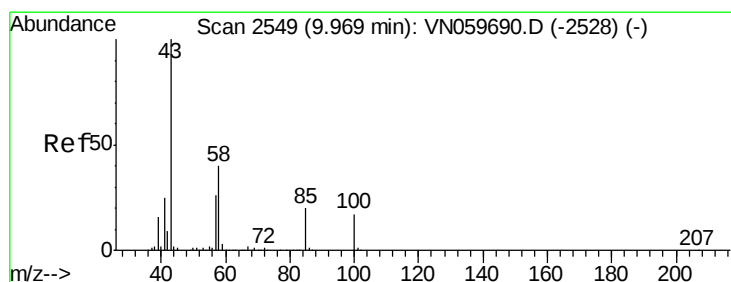
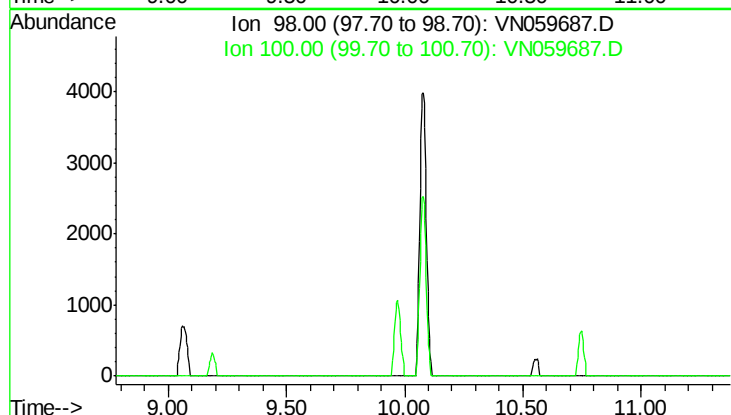
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.0

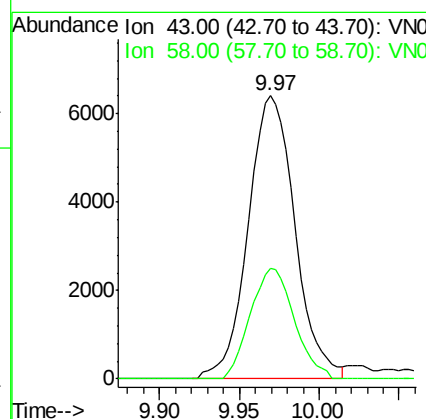
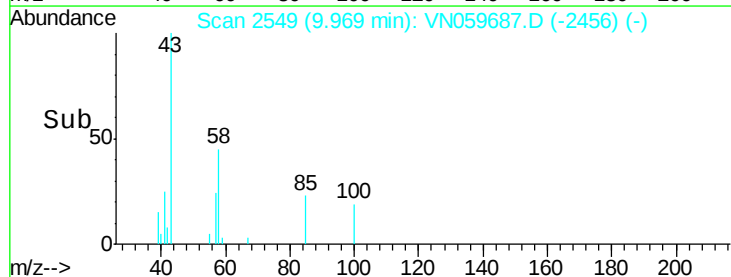
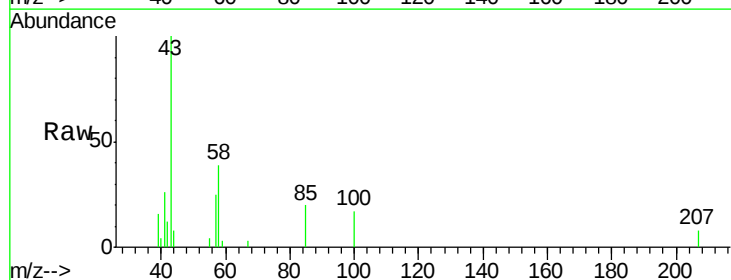
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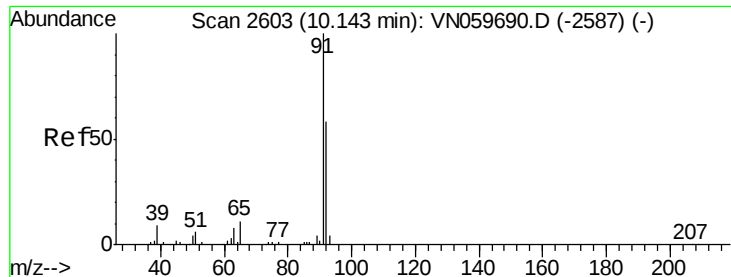
apatel
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#51
4-Methyl-2-Pentanone
Concen: 3.630 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion: 43 Resp: 12846
Ion Ratio Lower Upper
43 100
58 36.6 29.8 44.8





#52

Toluene

Concen: 0.846 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 4992

Ion Ratio Lower Upper

92 100

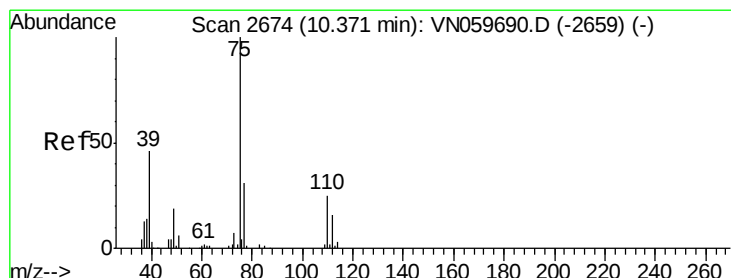
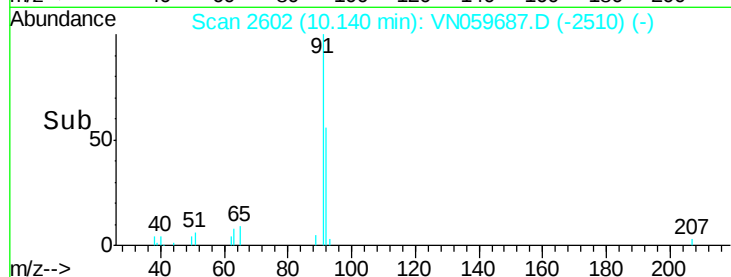
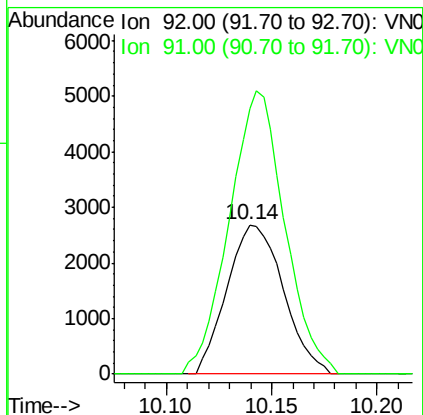
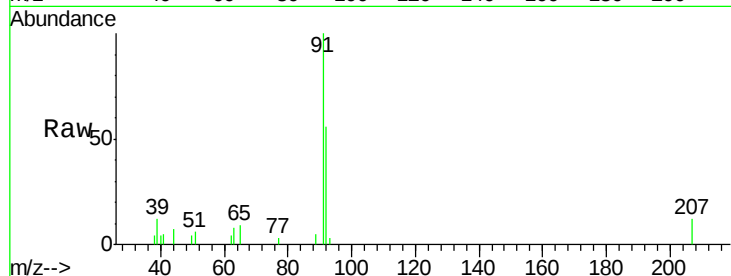
91 186.1 140.4 210.6

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#53

t-1,3-Dichloropropene

Concen: 0.746 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059687.D

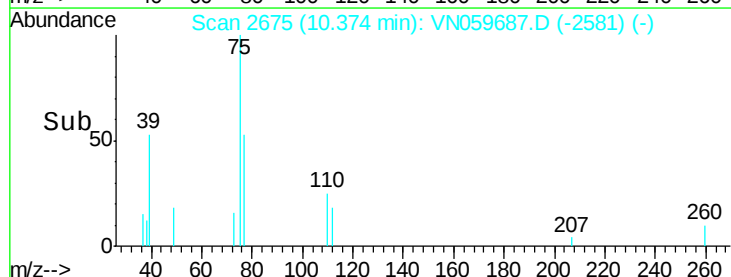
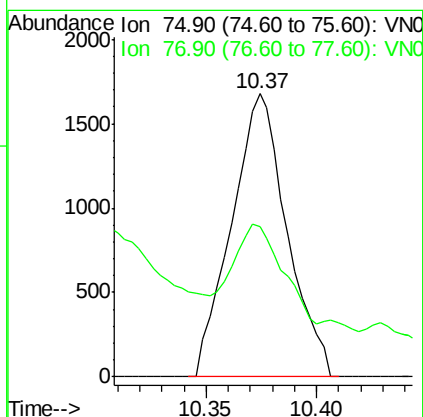
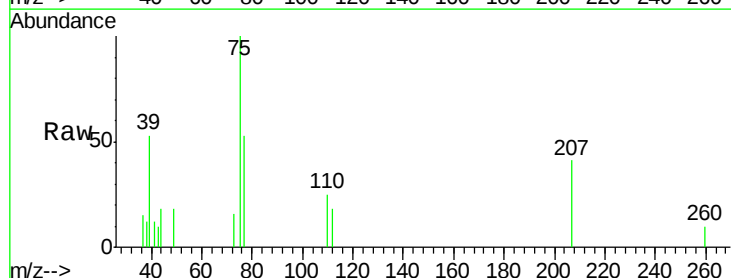
Acq: 13 Jan 2020 13:43

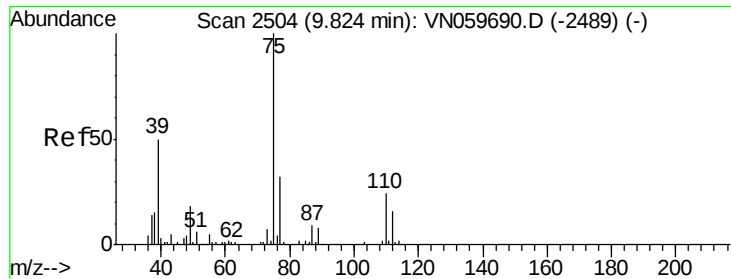
Tgt Ion: 75 Resp: 2923

Ion Ratio Lower Upper

75 100

77 33.8 25.4 38.2





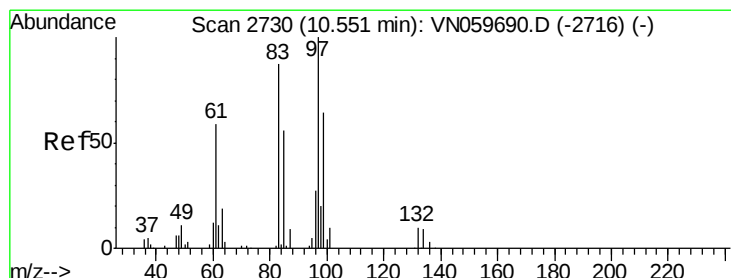
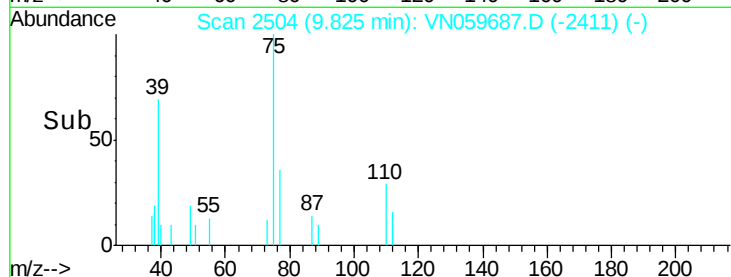
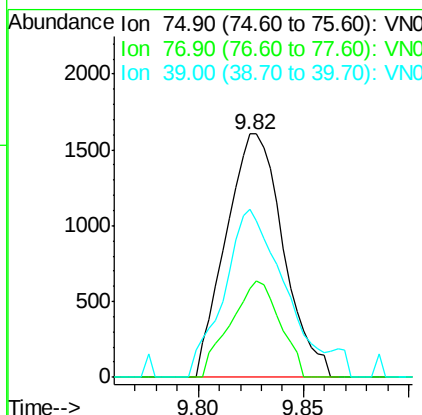
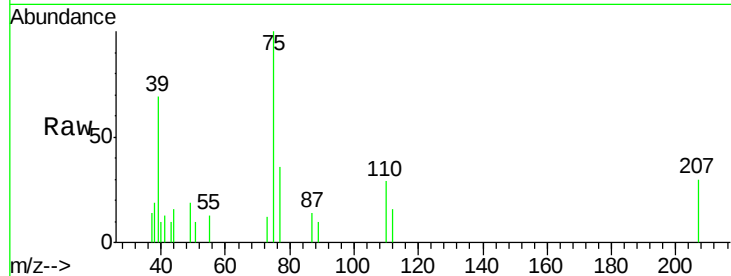
#54
 cis-1,3-Dichloropropene
 Concen: 0.738 ug/l
 RT: 9.82 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.1	37.7
39	69.0	46.1	69.1

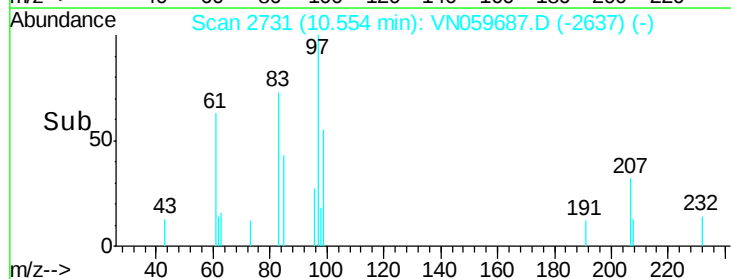
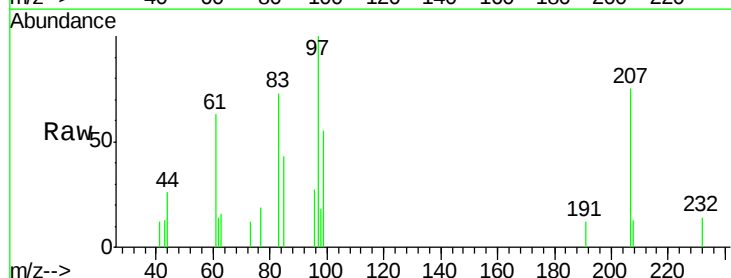
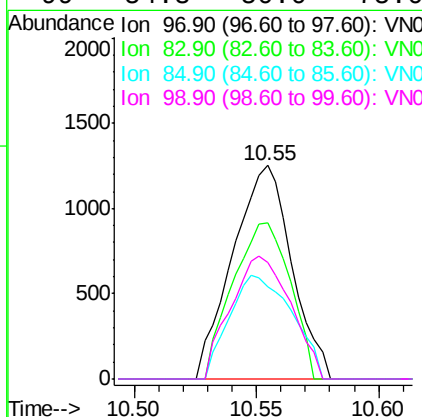
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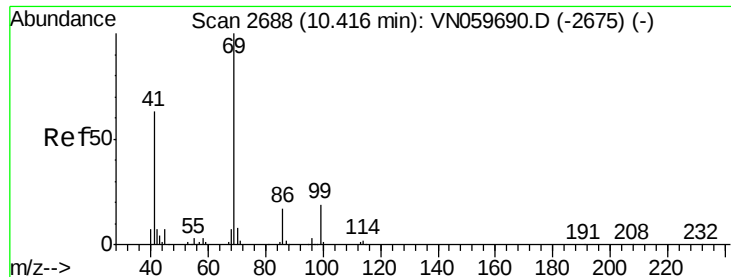
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#55
 1,1,2-Trichloroethane
 Concen: 0.909 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	73.1	71.3	106.9
85	43.3	45.8	68.8#
99	54.8	50.0	75.0





#56

Ethyl methacrylate

Concen: 0.824 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.01 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

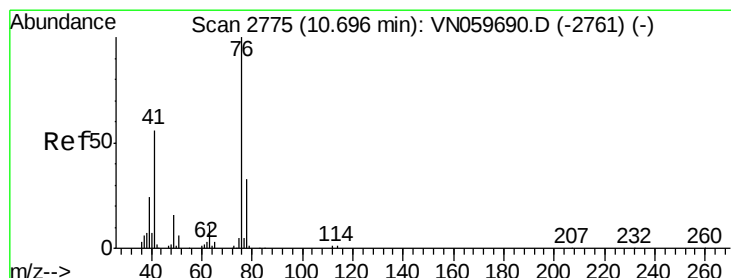
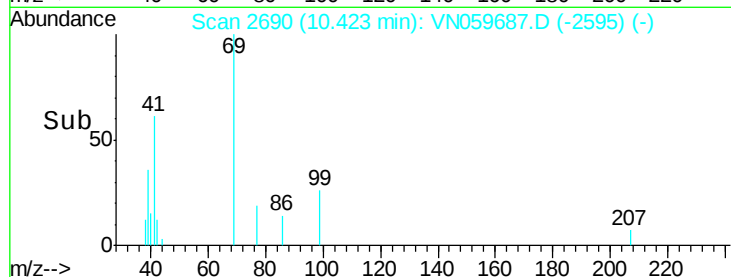
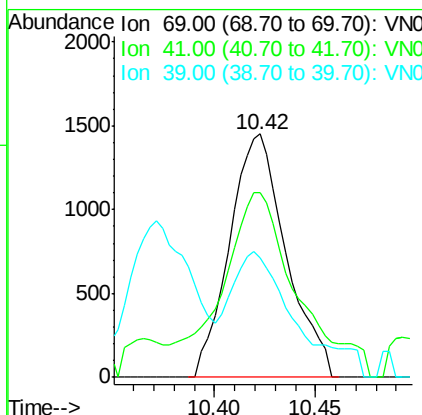
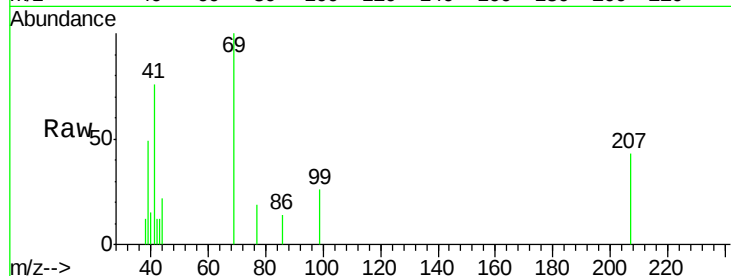
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	2831
Ion Ratio	Lower	Upper	
69	100		
41	98.4	57.1	85.7#
39	59.6	34.7	52.1#

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#57

1,3-Dichloropropane

Concen: 0.735 ug/l

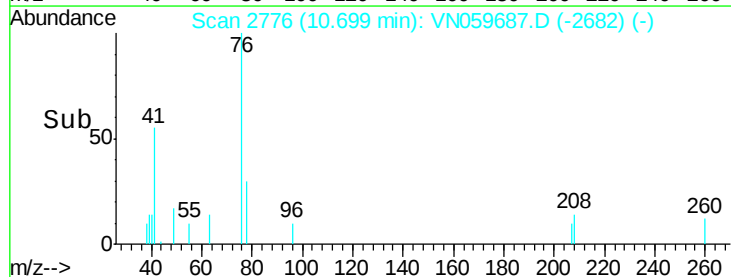
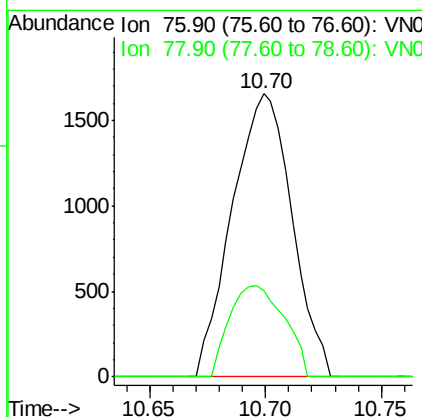
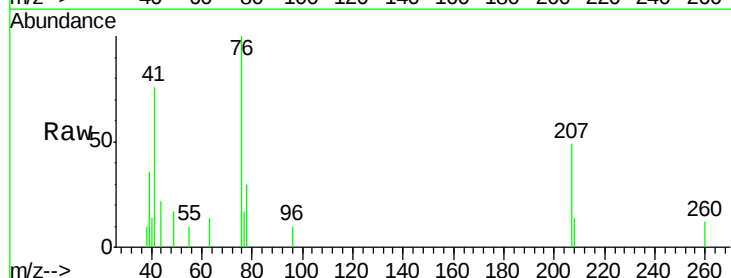
RT: 10.70 min Scan# 2776

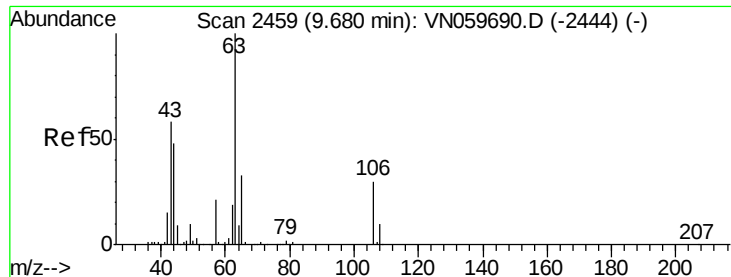
Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Tgt Ion:	76	Resp:	2960
Ion Ratio	Lower	Upper	
76	100		
78	29.6	25.8	38.8





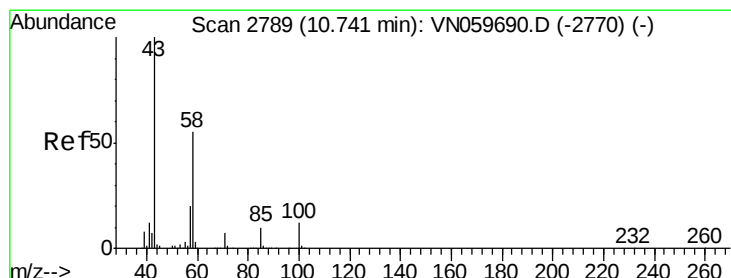
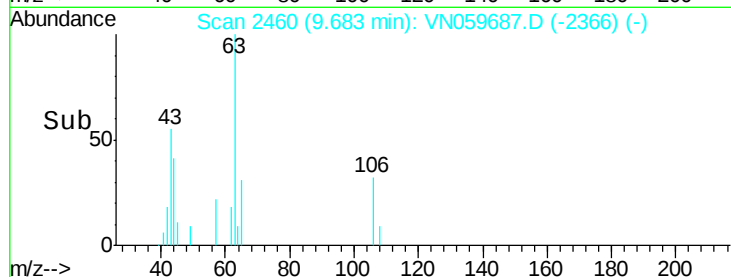
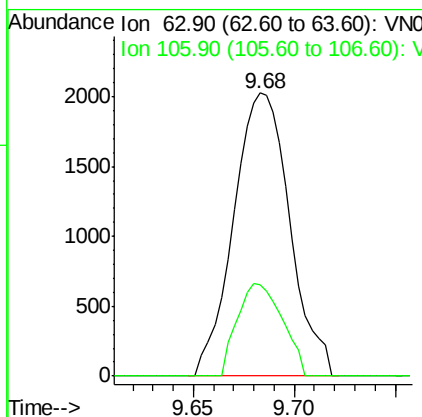
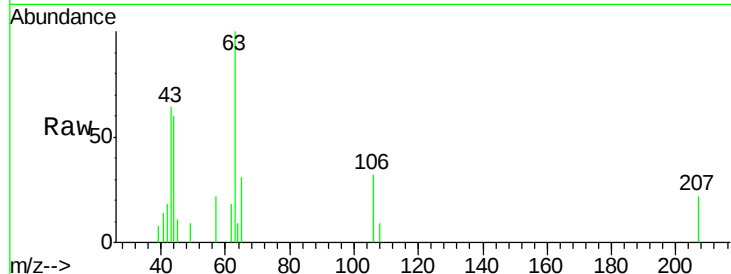
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.607 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 3942
 Ion Ratio Lower Upper
 63 100
 106 26.3 20.2 30.2

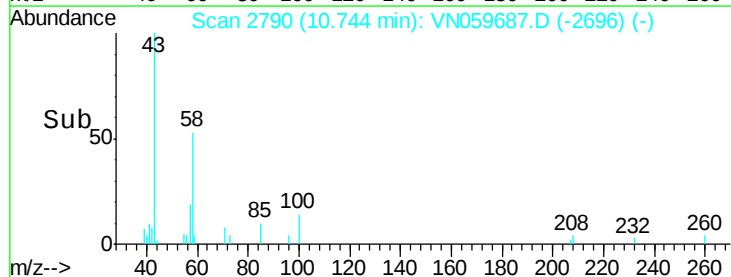
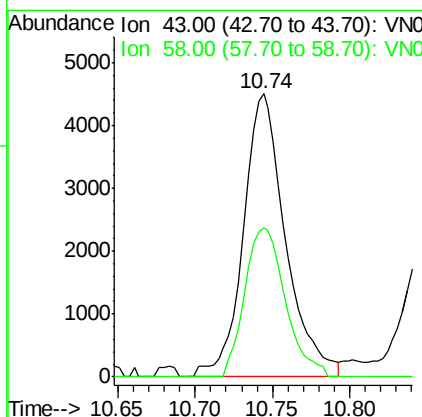
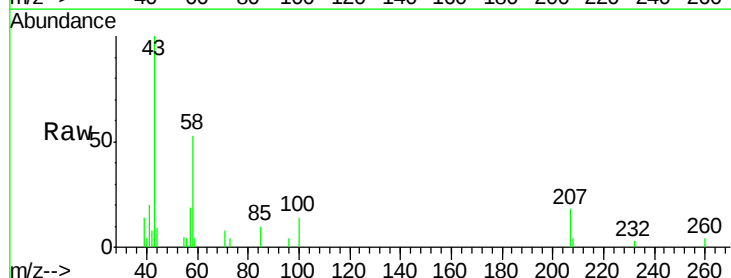
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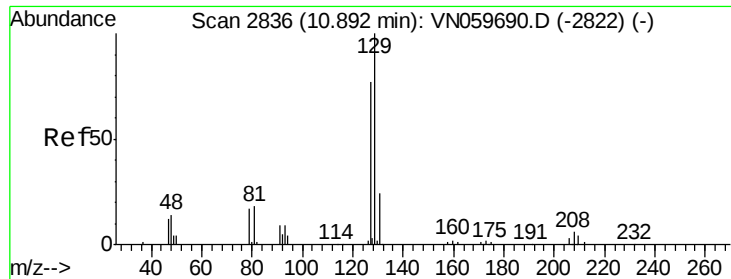
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#59
 2-Hexanone
 Concen: 3.073 ug/l
 RT: 10.74 min Scan# 2790
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Tgt Ion: 43 Resp: 8570
 Ion Ratio Lower Upper
 43 100
 58 50.5 25.8 77.3





#60

Dibromochloromethane

Concen: 0.845 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:129 Resp: 2135

Ion Ratio Lower Upper

129 100

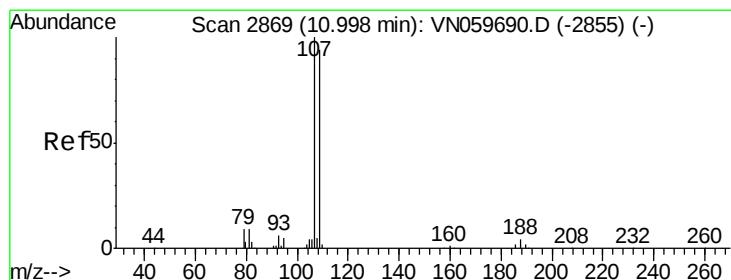
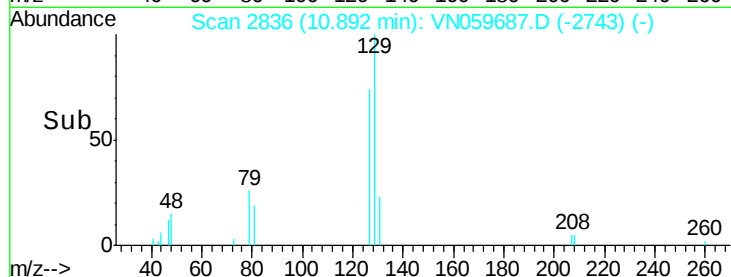
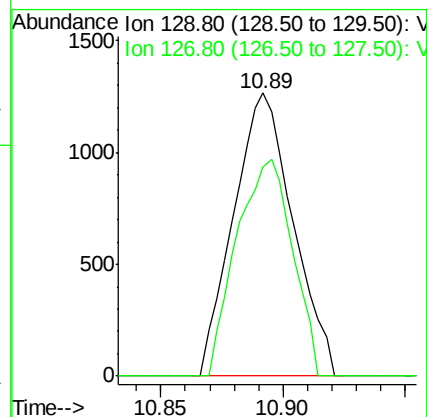
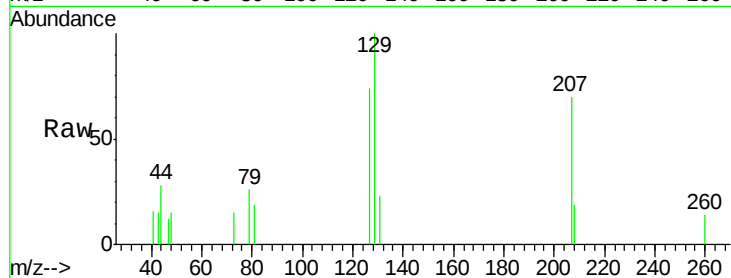
127 72.2 38.5 115.5

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#61

1,2-Dibromoethane

Concen: 0.819 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN059687.D

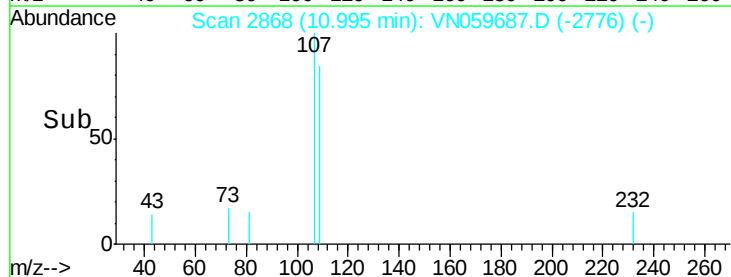
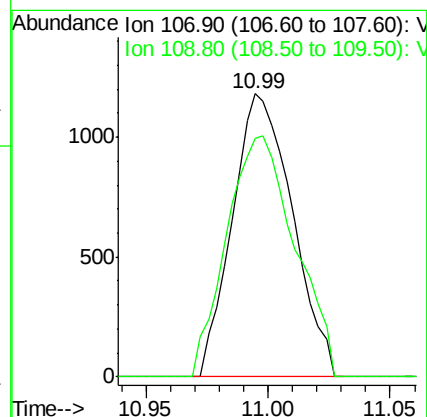
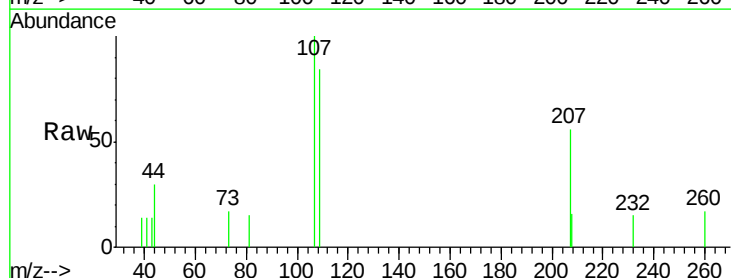
Acq: 13 Jan 2020 13:43

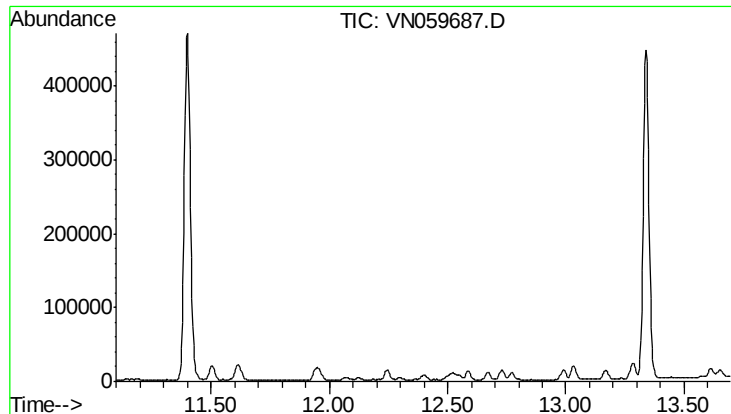
Tgt Ion:107 Resp: 2011

Ion Ratio Lower Upper

107 100

109 96.8 76.6 115.0





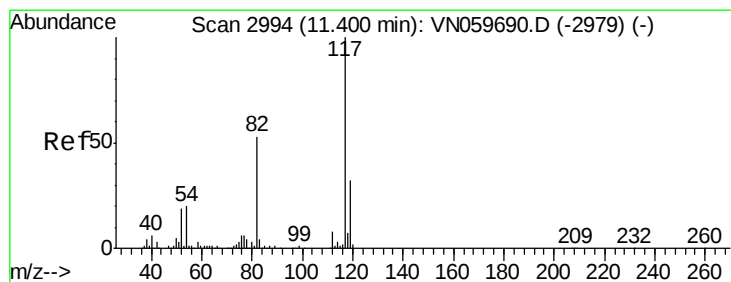
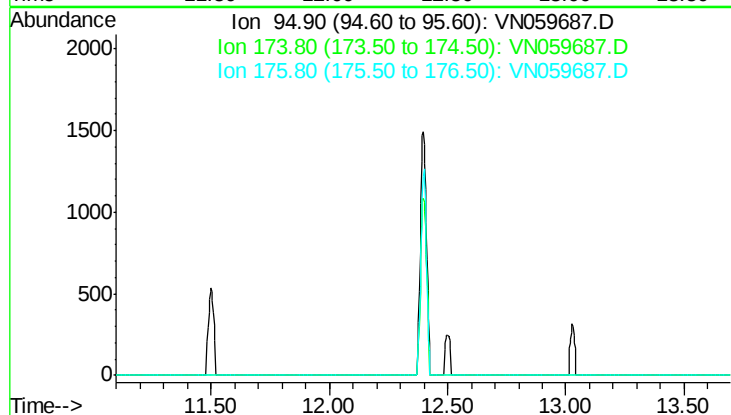
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.40 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	75.7
176	73.0

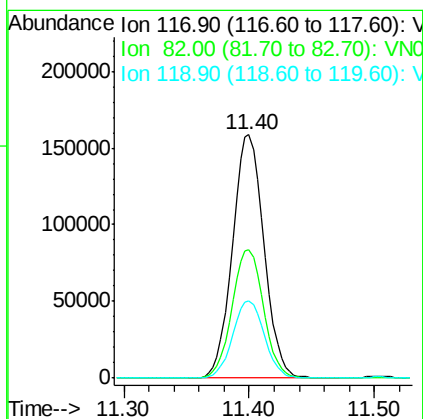
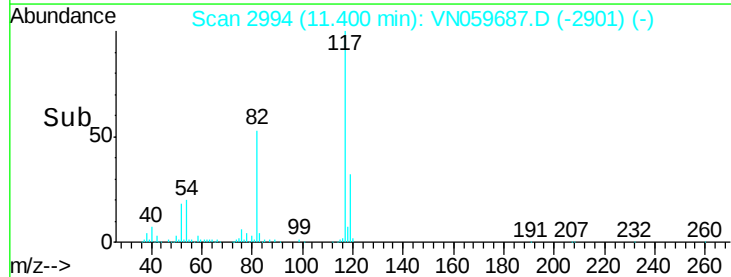
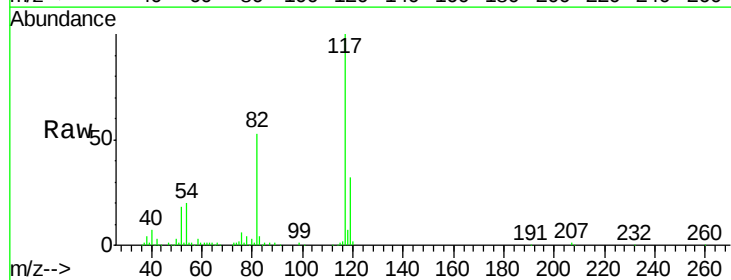
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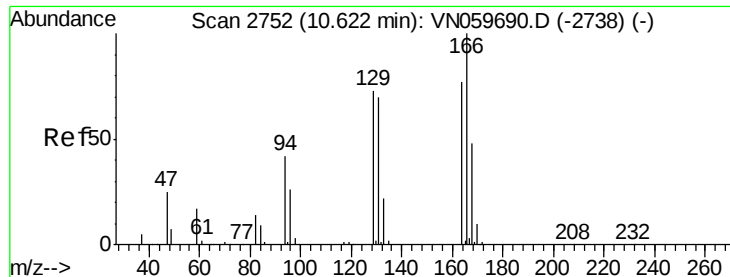
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2994
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Tgt Ion	117	Resp	276939
Ion Ratio	Lower	Upper	
117	100		
82	52.8	45.9	68.9
119	31.9	25.5	38.3





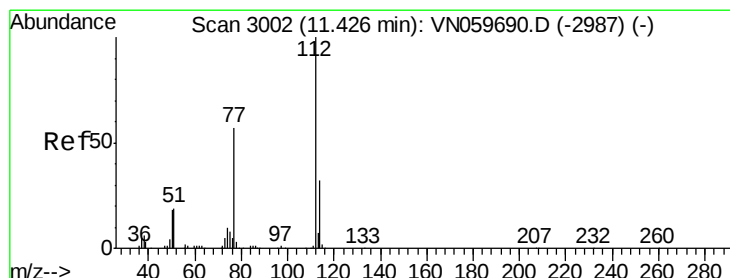
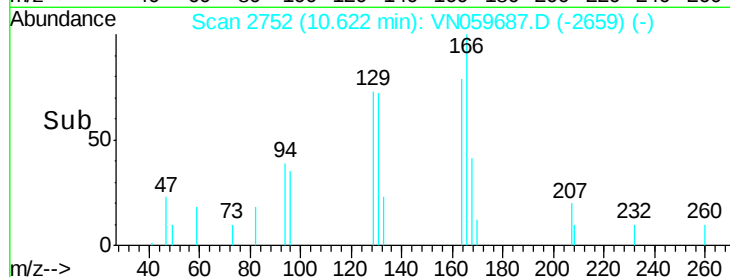
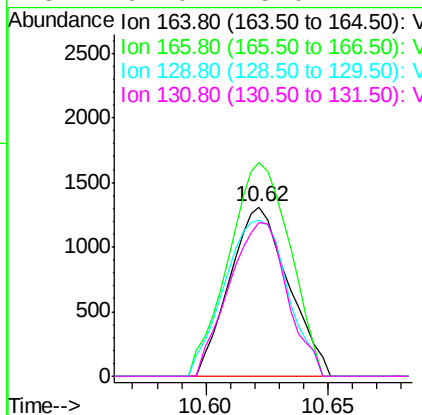
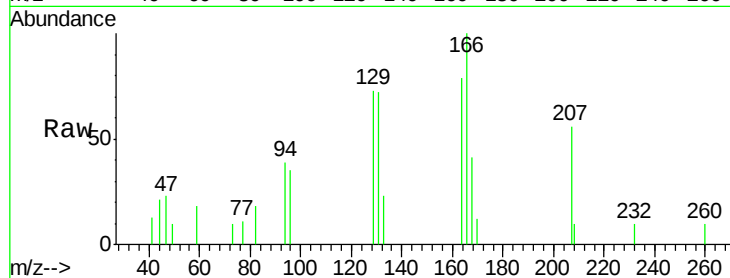
#64
Tetrachloroethene
Concen: 0.846 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.4	152.0
129	92.1	80.2	120.4
131	91.0	75.0	112.4

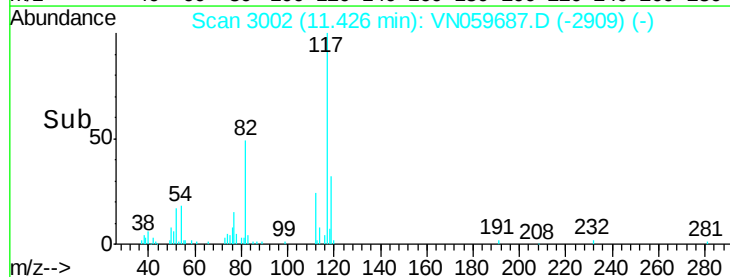
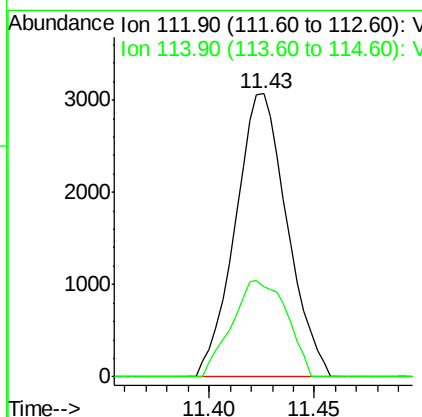
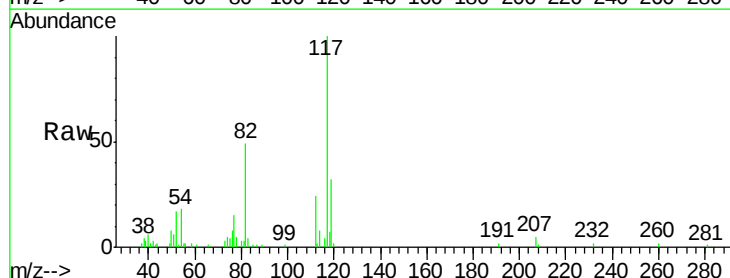
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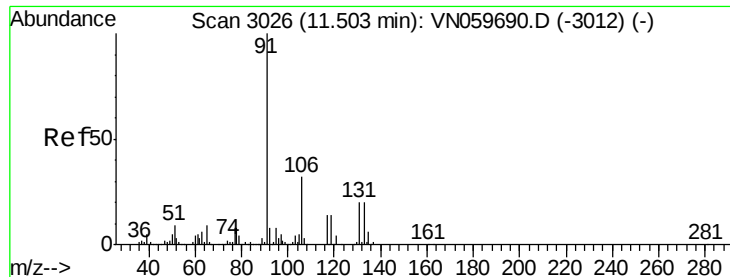
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#65
Chlorobenzene
Concen: 0.874 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.8	38.8





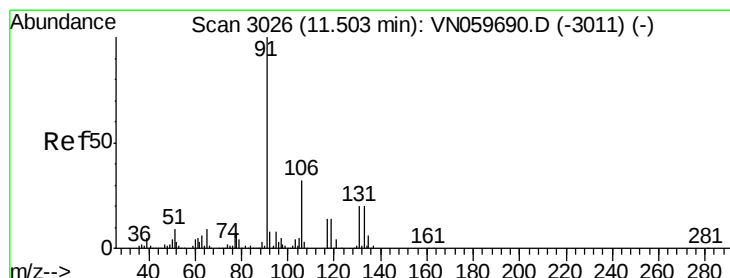
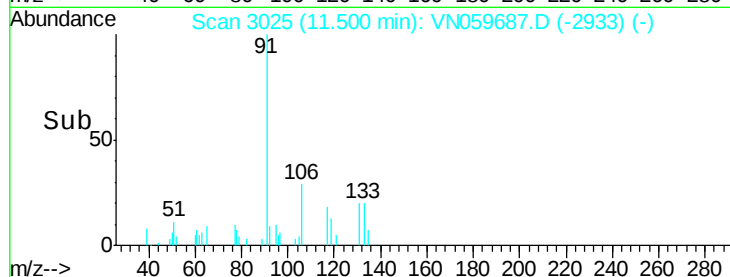
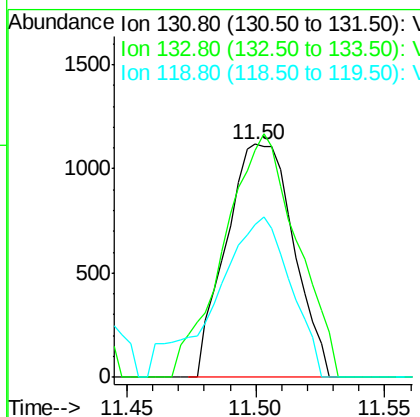
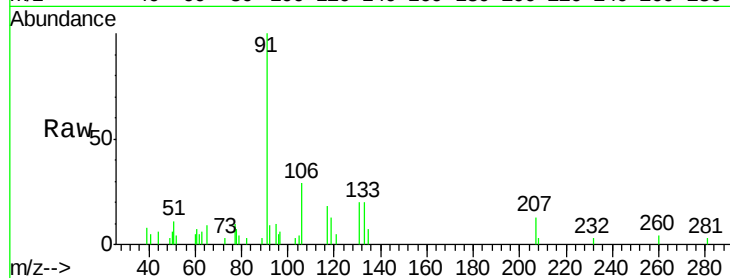
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.892 ug/l
 RT: 11.50 min Scan# 3025
 Delta R.T. -0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	112.9	47.4	142.2
119	0.0	33.1	99.3#

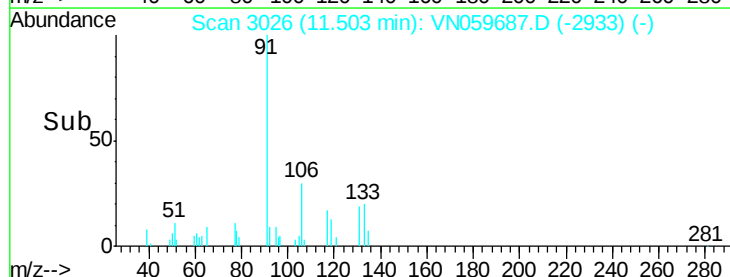
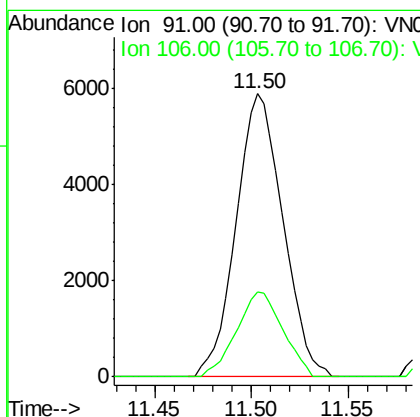
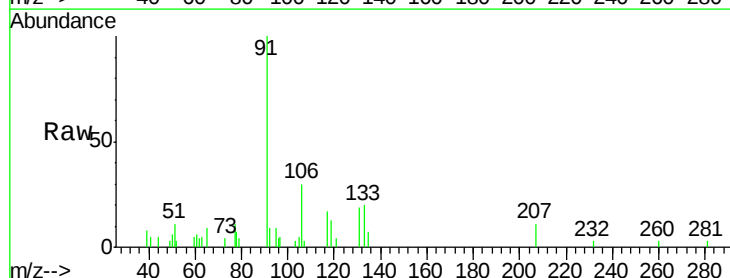
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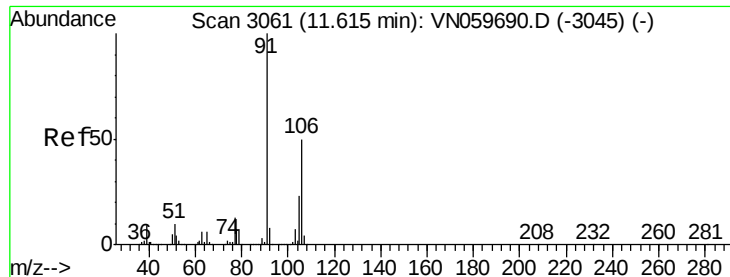
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#67
 Ethyl Benzene
 Concen: 0.916 ug/l
 RT: 11.50 min Scan# 3026
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.1	36.1





#68

m/p-Xylenes

Concen: 1.779 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:106 Resp: 7104

Ion Ratio Lower Upper

106 100

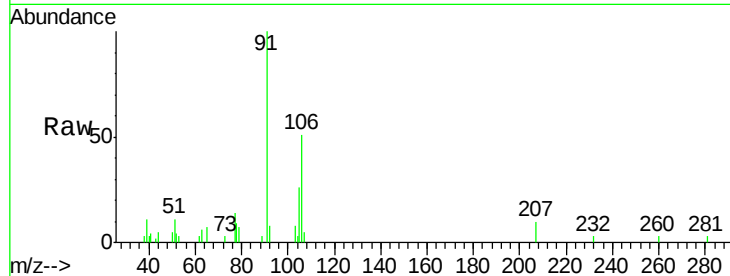
91 201.8 167.9 251.9

Manual Integrations

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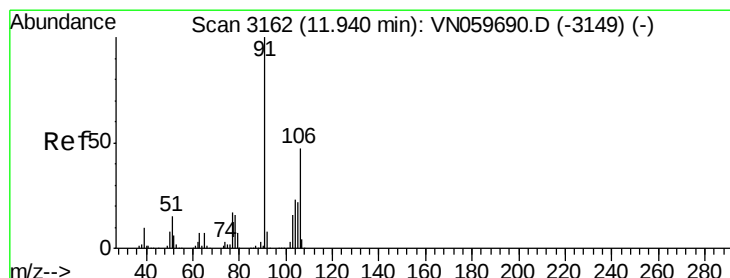
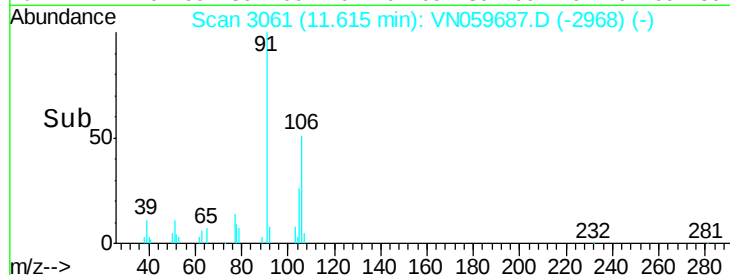
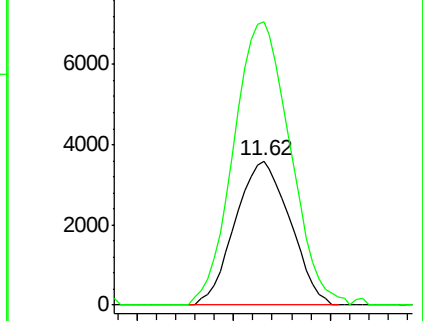
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.977 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. 0.00 min

Lab File: VN059687.D

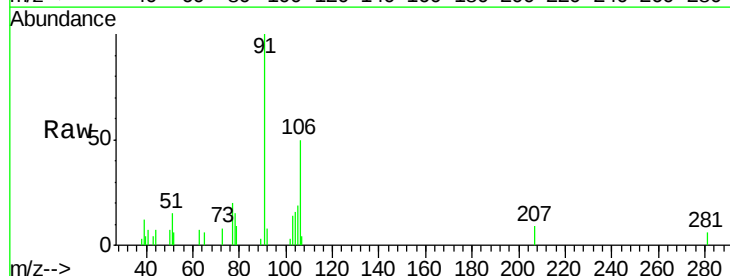
Acq: 13 Jan 2020 13:43

Tgt Ion:106 Resp: 3712

Ion Ratio Lower Upper

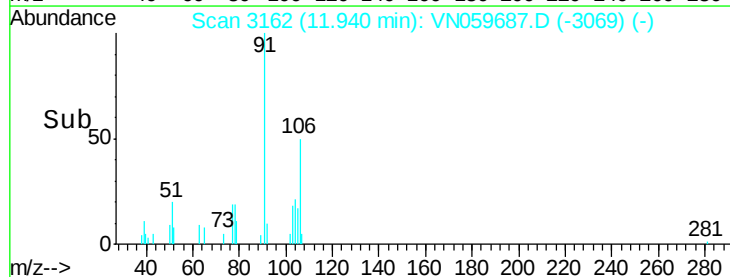
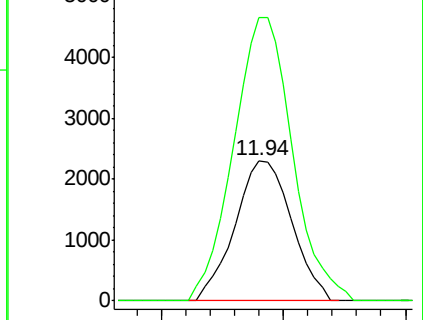
106 100

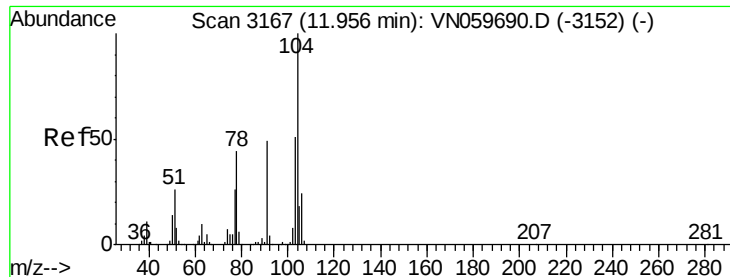
91 209.6 110.3 330.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





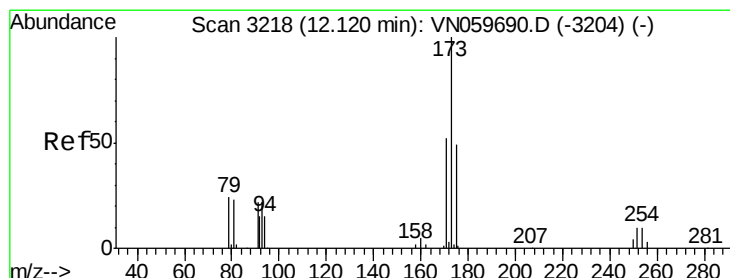
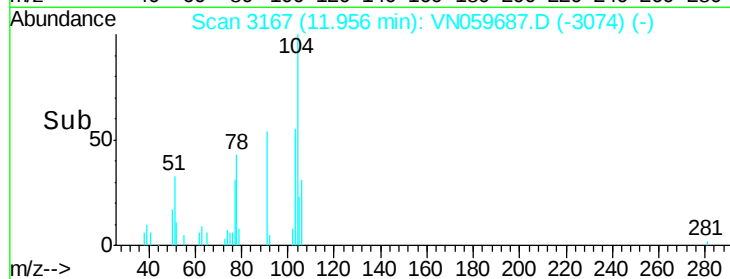
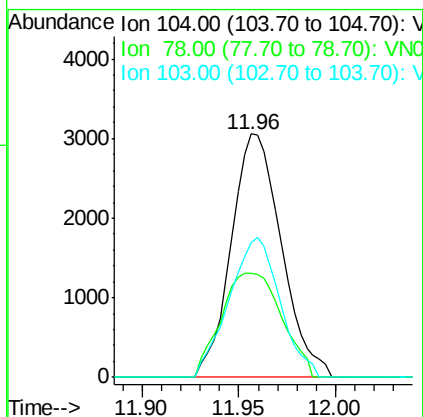
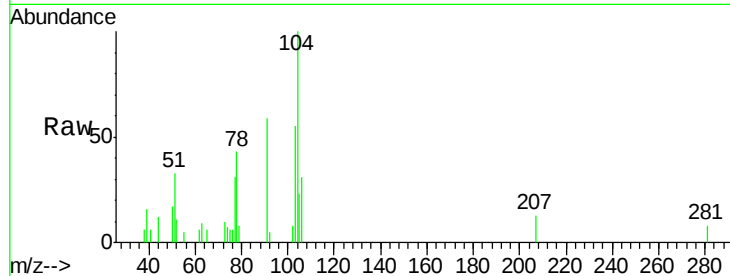
#70
Stvrene
Concen: 0.904 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:	104	Resp:	5519
Ion Ratio	Lower	Upper	
104	100		
78	51.5	42.4	63.6
103	58.2	43.9	65.9

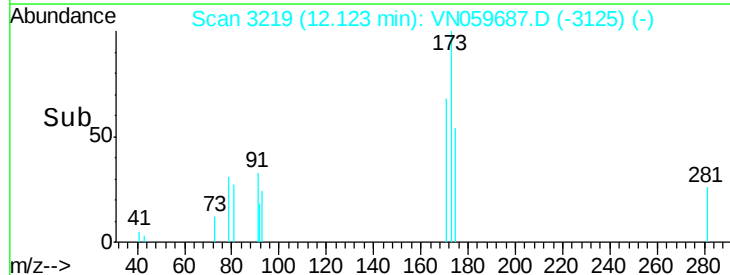
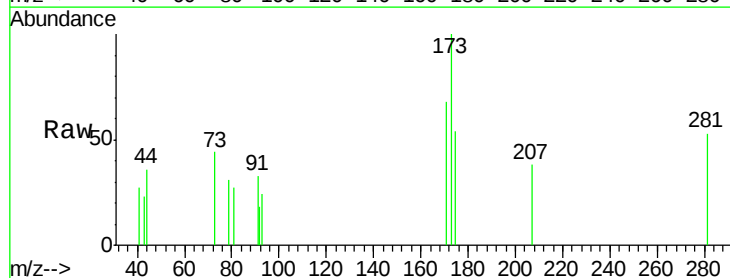
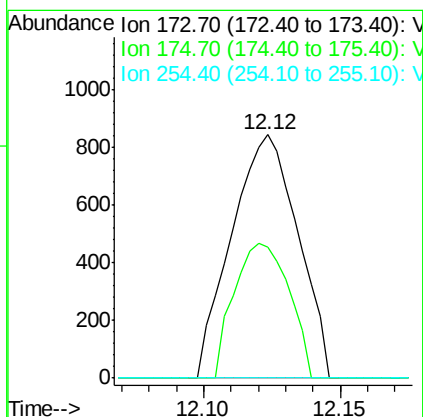
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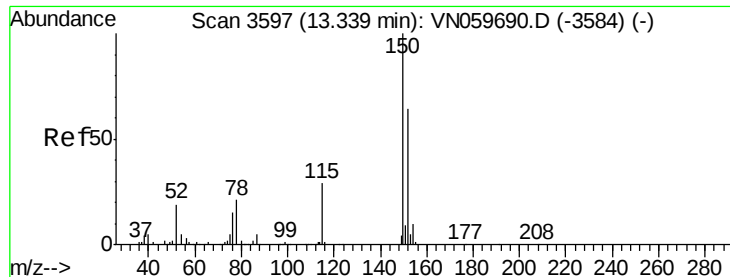
apatel
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#71
Bromoform
Concen: 0.829 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion:	173	Resp:	1419
Ion Ratio	Lower	Upper	
173	100		
175	46.2	23.8	71.4
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: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

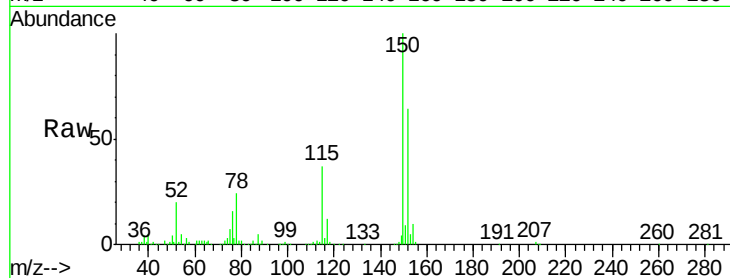
ClientSampleId :

VSTDIC001

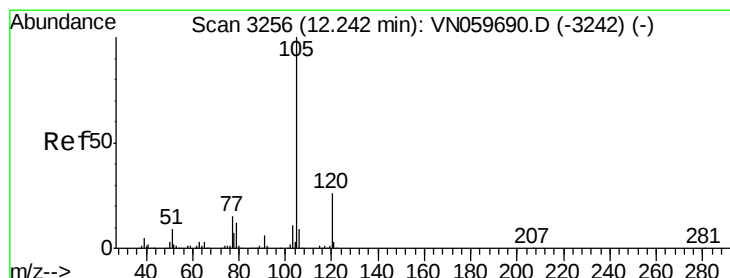
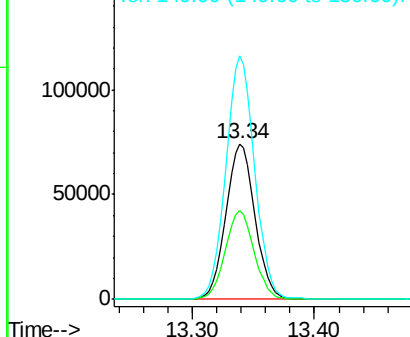
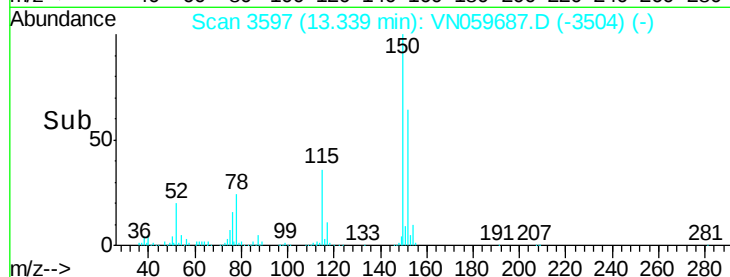
Tot Ion:	152	Resp:	123739
Ion Ratio	Lower	Upper	
152	100		
115	56.0	30.3	90.9
150	154.2	0.0	345.2

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



#73

Isopropylbenzene

Concen: 0.968 ug/l

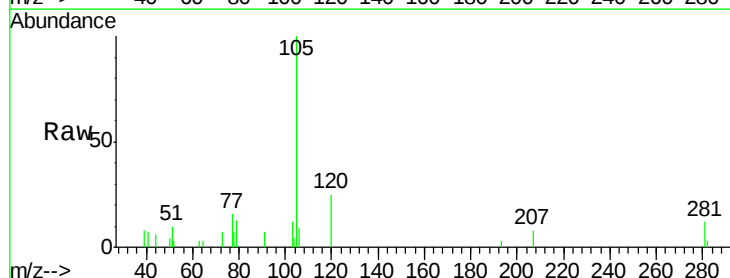
RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

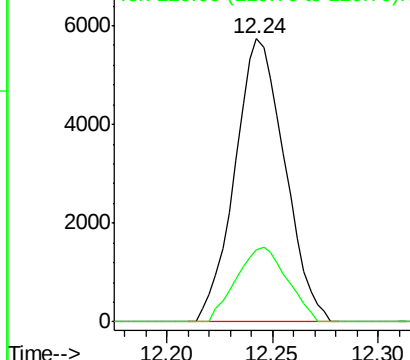
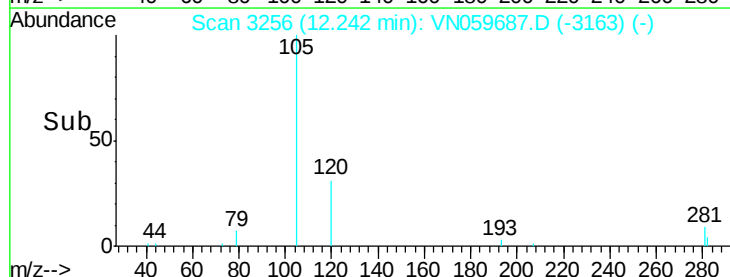
Lab File: VN059687.D

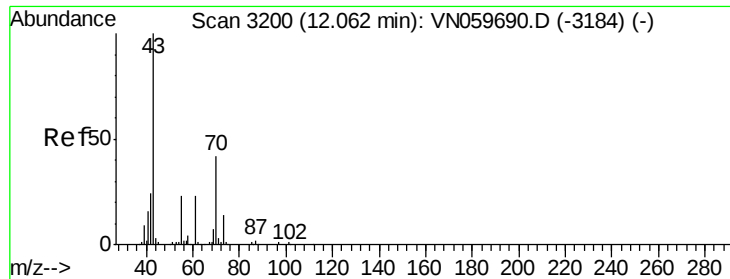
Acq: 13 Jan 2020 13:43

Tgt Ion:	105	Resp:	9402
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.2	39.5



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





#74

N-amvl acetate

Concen: 0.784 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.01 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

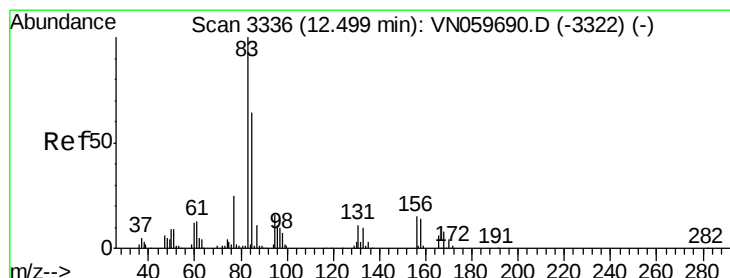
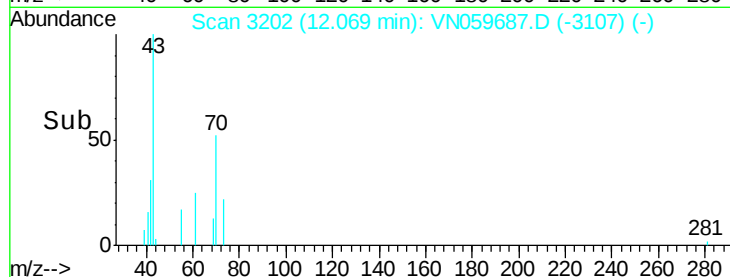
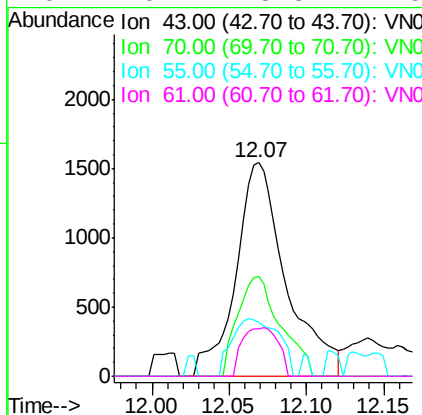
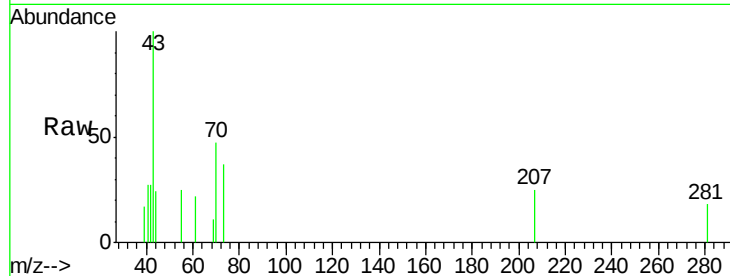
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	3492
Ion	Ratio	Lower	Upper
43	100		
70	39.6	31.3	46.9
55	24.7	19.8	29.6
61	16.2	18.3	27.5#

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#75

1,1,2,2-Tetrachloroethane

Concen: 0.859 ug/l

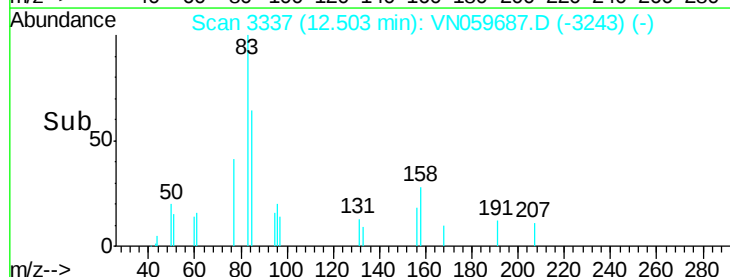
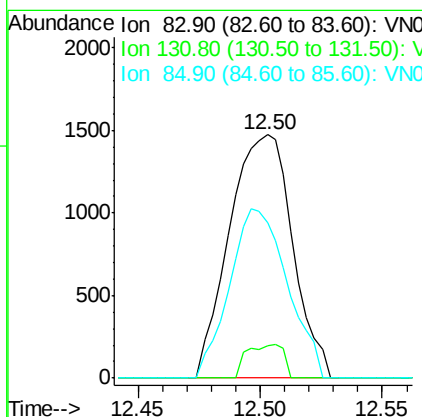
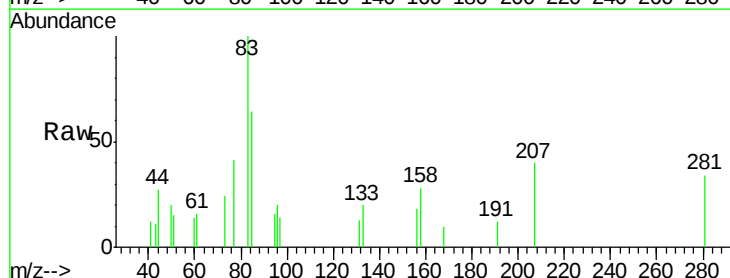
RT: 12.50 min Scan# 3337

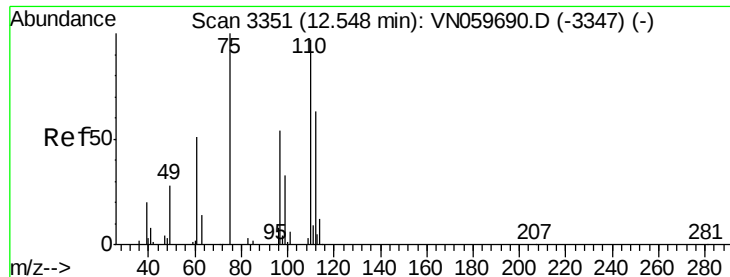
Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Tgt Ion:	83	Resp:	2647
Ion	Ratio	Lower	Upper
83	100		
131	8.0	5.0	14.9
85	63.7	31.9	95.5





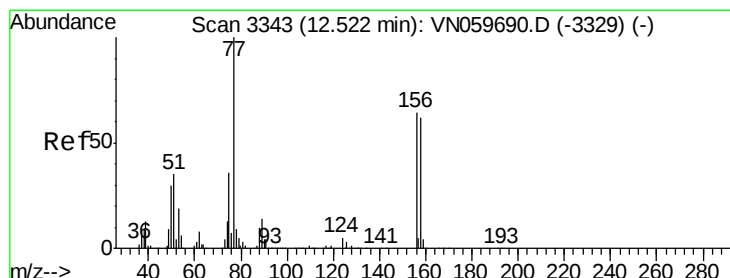
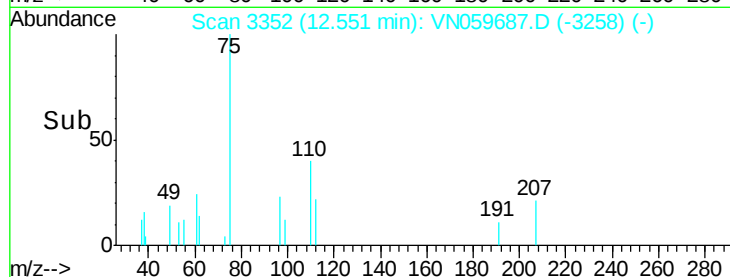
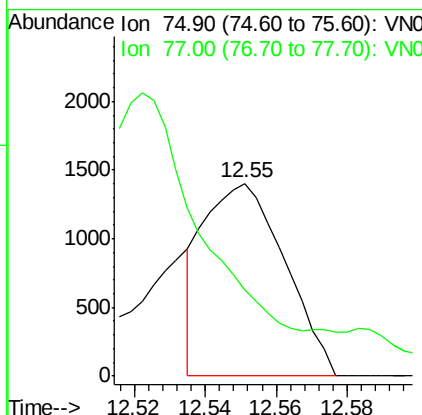
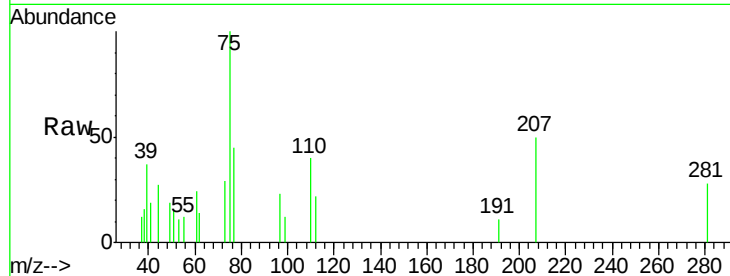
#76
1,2,3-Trichloropropane
Concen: 0.723 ug/l m
RT: 12.55 min Scan# 3352
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 2214
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

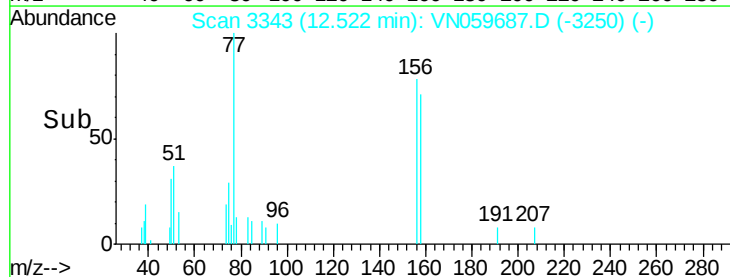
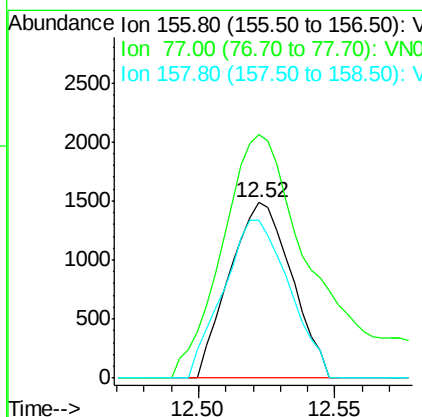
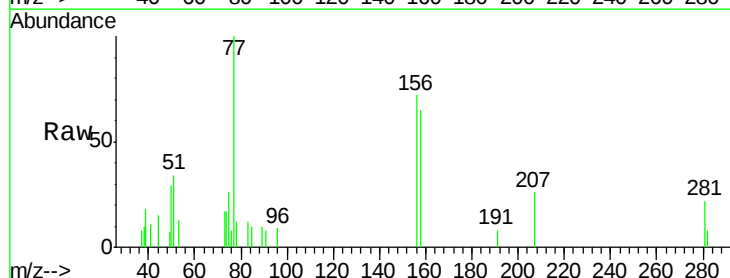
Manual Integrations
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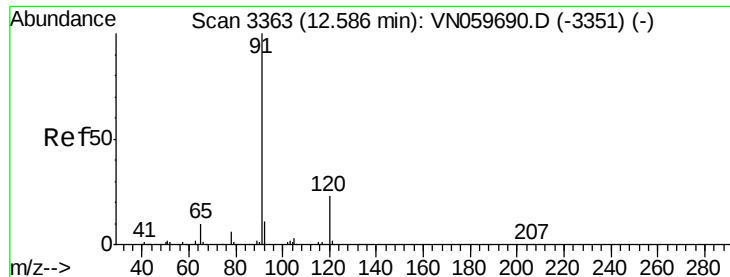
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#77
Bromobenzene
Concen: 0.983 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion: 156 Resp: 2347
Ion Ratio Lower Upper
156 100
77 202.6 115.8 347.4
158 95.4 49.2 147.6





#78

n-propylbenzene

Concen: 0.891 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 10228

Ion Ratio Lower Upper

91 100

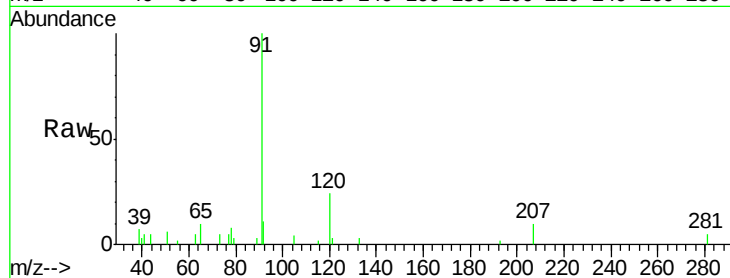
120 23.5 11.1 33.3

Manual Integrations

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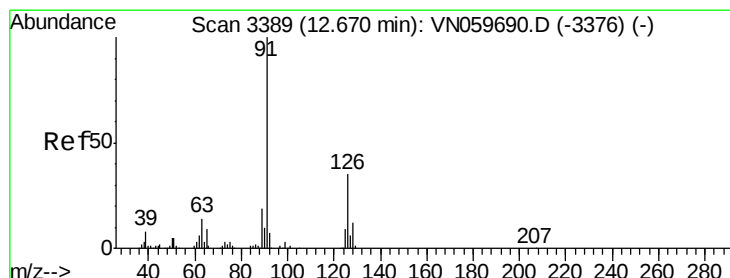
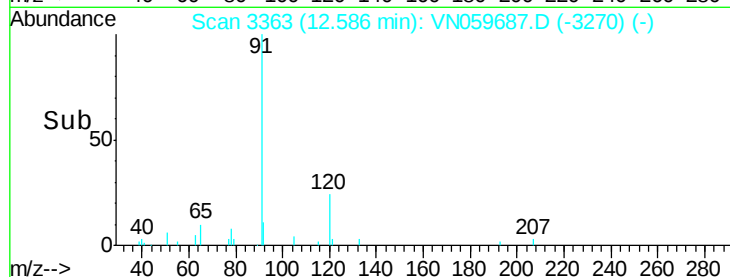
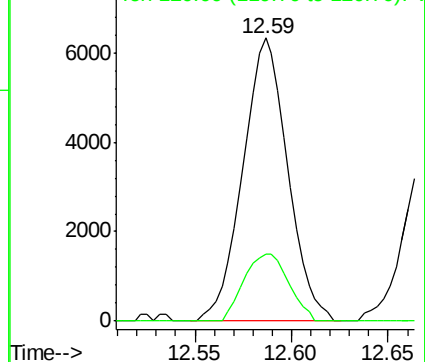
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.911 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059687.D

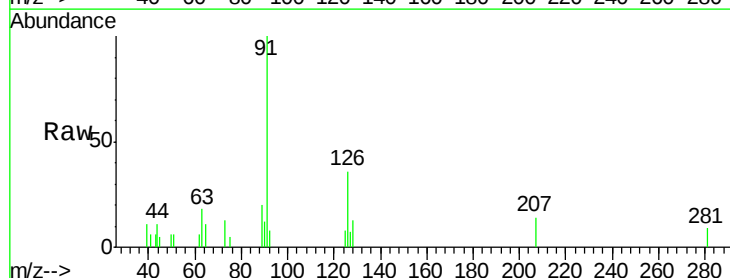
Acq: 13 Jan 2020 13:43

Tgt Ion: 91 Resp: 6328

Ion Ratio Lower Upper

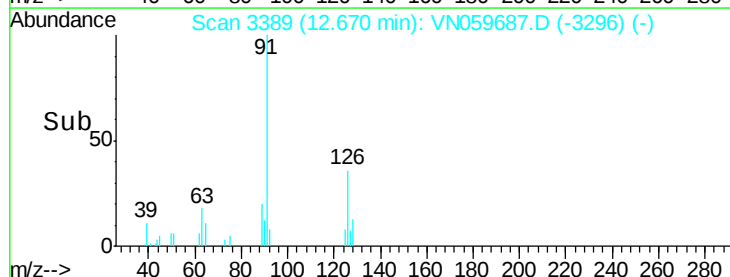
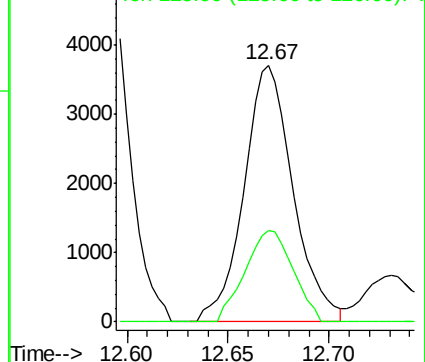
91 100

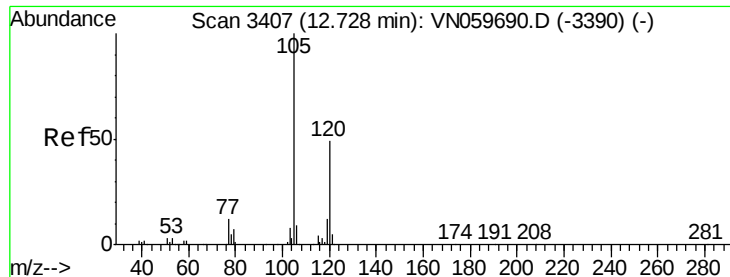
126 34.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.958 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 7871

Ion Ratio Lower Upper

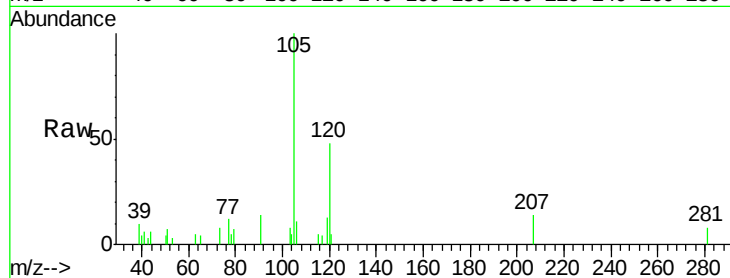
105 100

120 47.5 24.1 72.4

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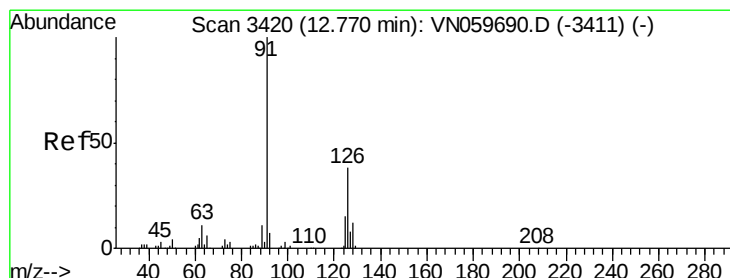
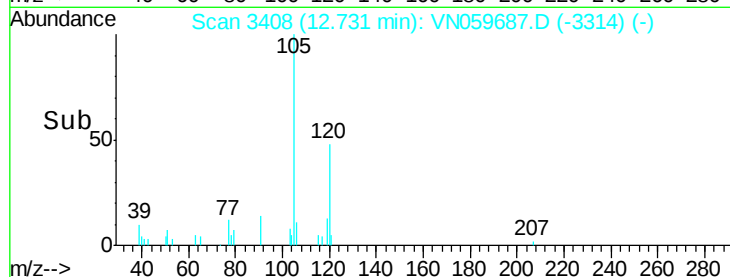
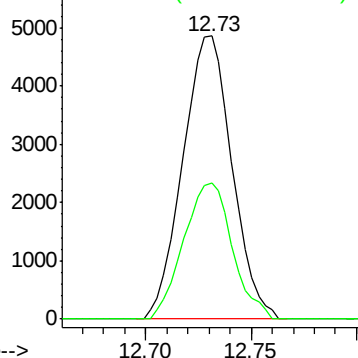
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

4-Chlorotoluene

Concen: 0.835 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059687.D

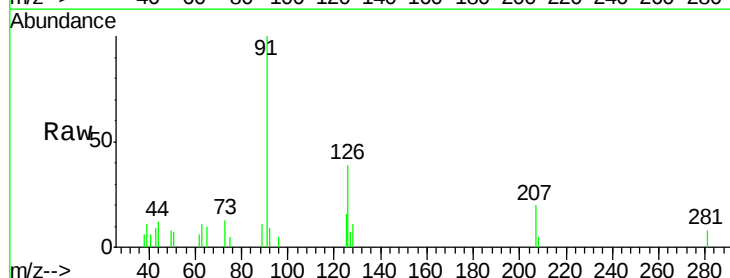
Acq: 13 Jan 2020 13:43

Tgt Ion: 91 Resp: 5933

Ion Ratio Lower Upper

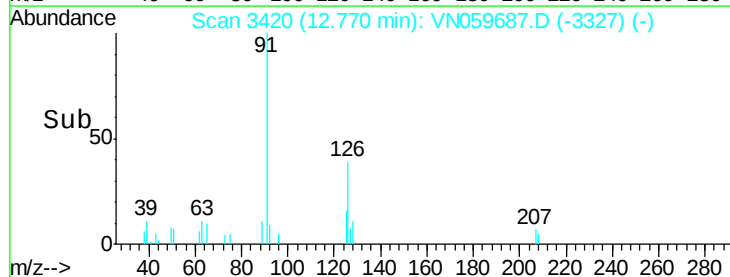
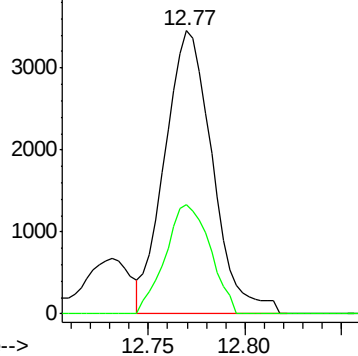
91 100

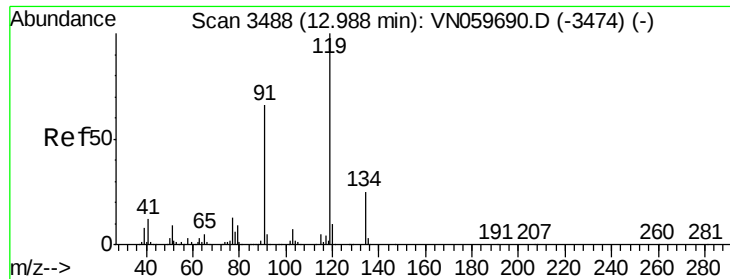
126 36.3 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V





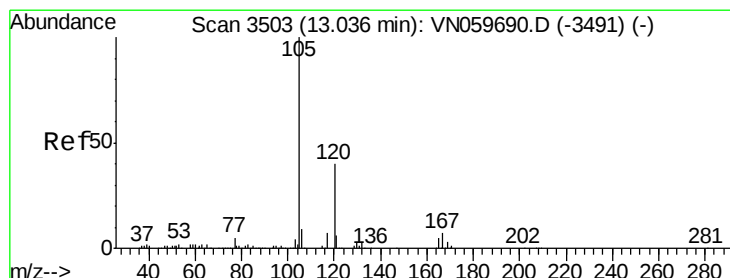
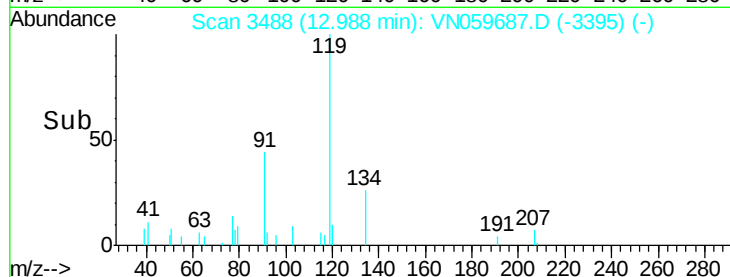
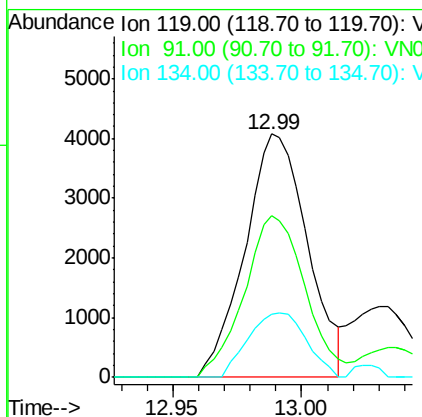
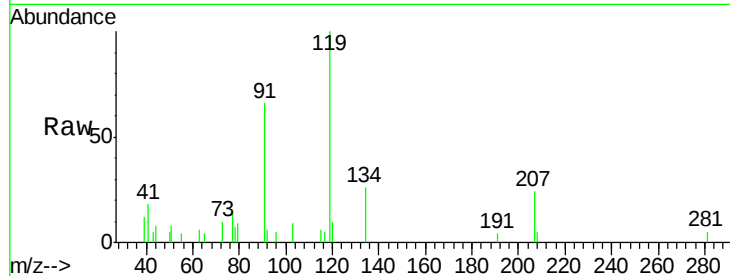
#83
tert-Butylbenzene
Concen: 0.991 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	34.8	104.4
134	24.6	12.3	36.9

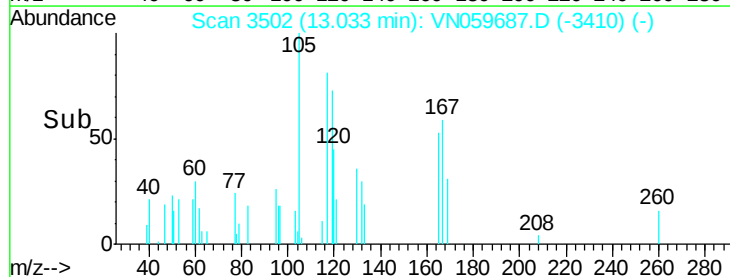
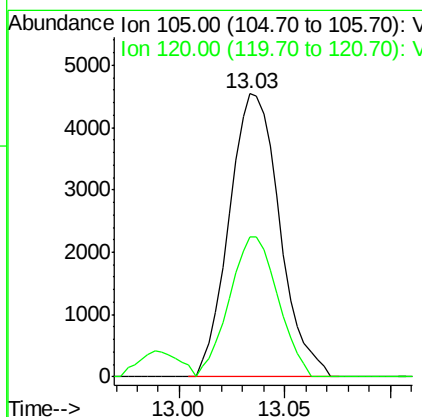
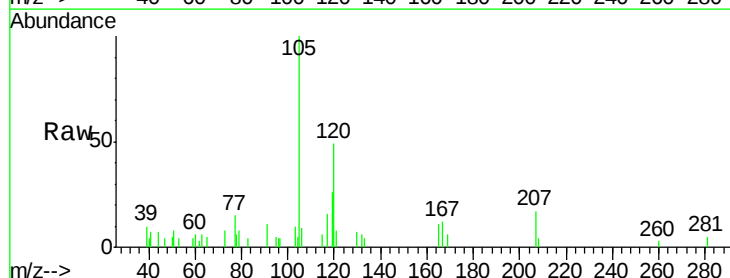
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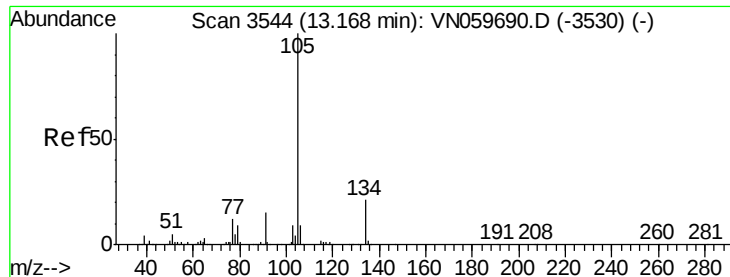
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 0.923 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.3	66.9





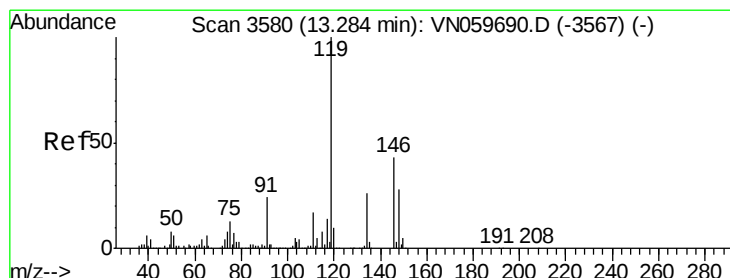
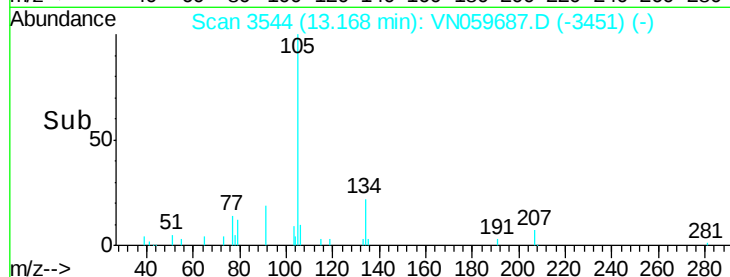
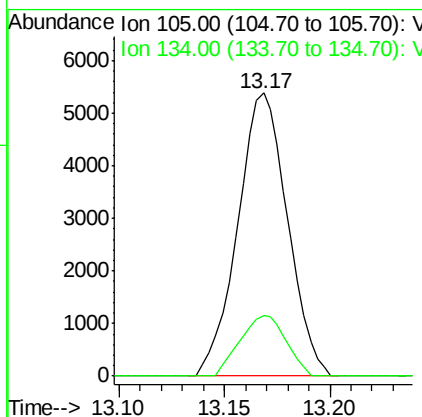
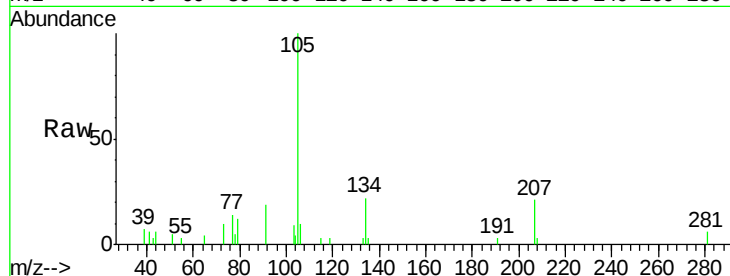
#85
 sec-Butylbenzene
 Concen: 0.952 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

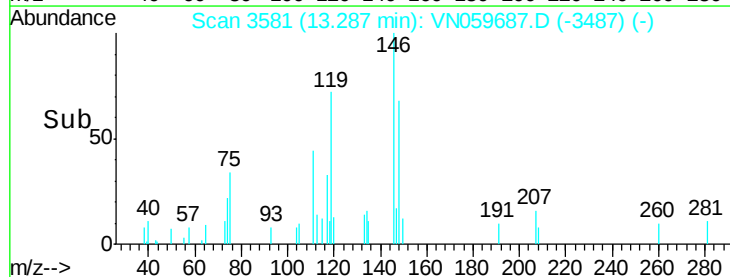
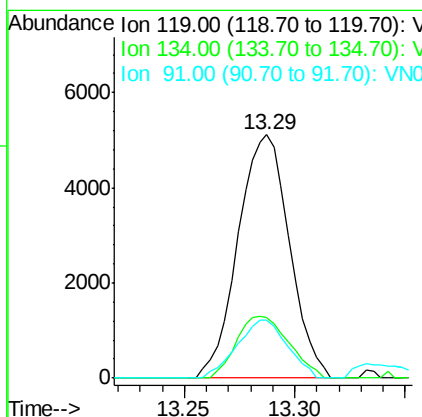
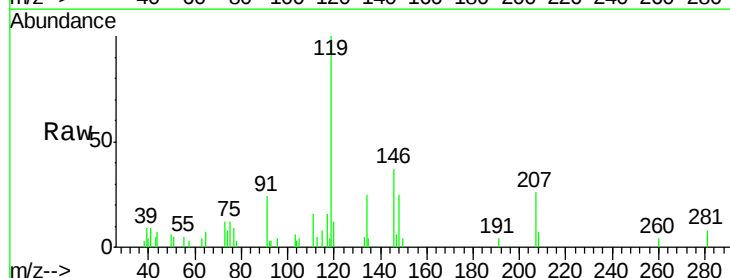
Manual Integrations
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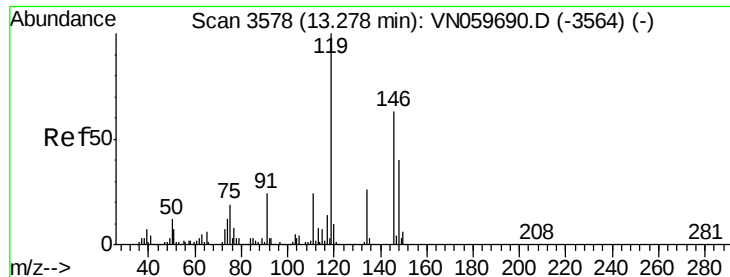
apatel
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#86
 p-Isopropyltoluene
 Concen: 0.985 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	23.4	12.4	37.4





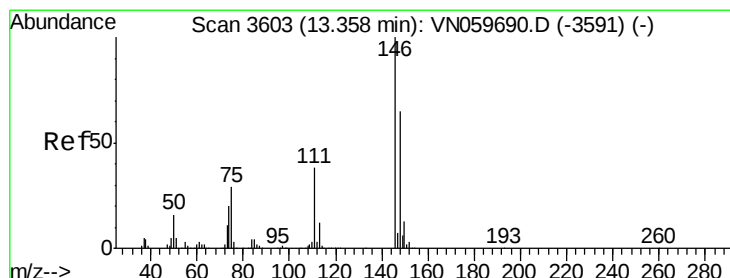
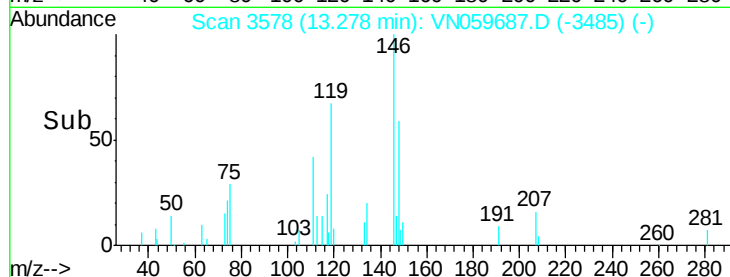
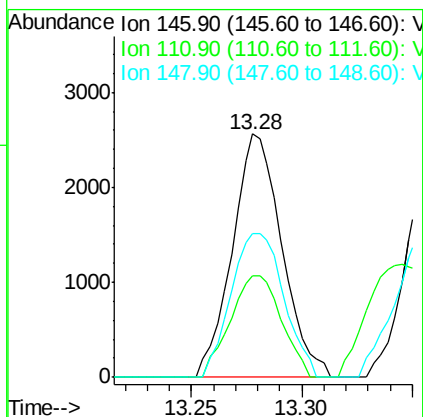
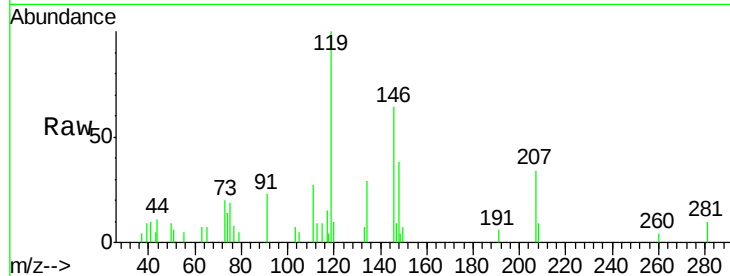
#87
 1,3-Dichlorobenzene
 Concen: 0.908 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.8	62.2
148	63.2	32.0	96.0

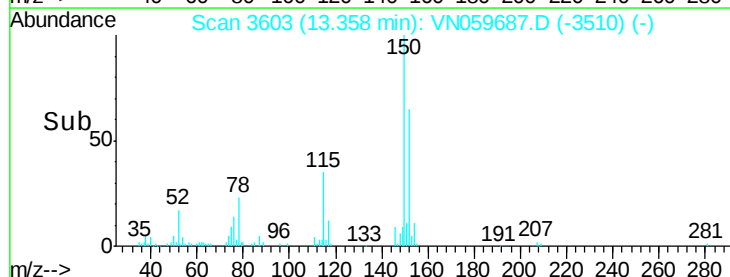
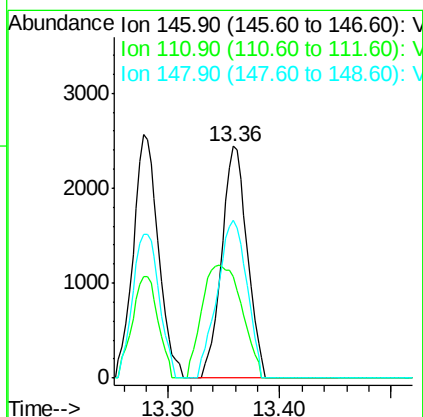
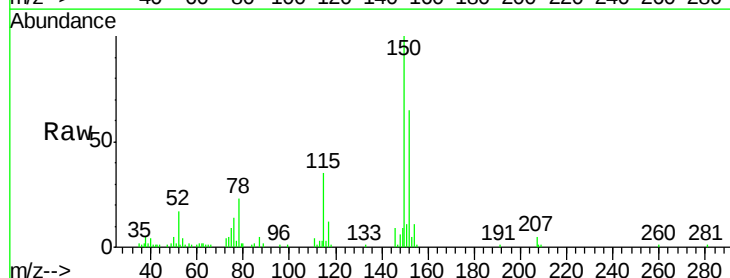
Manual Integrations
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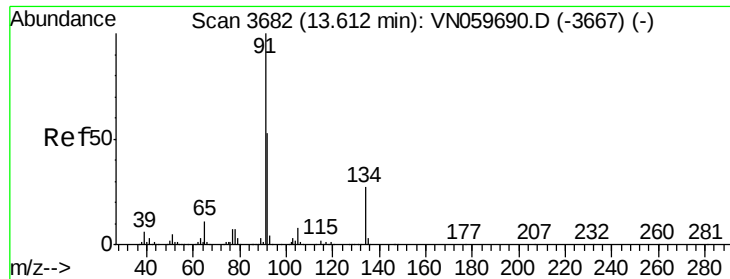
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 0.872 ug/l m
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	20.8	62.2
148	65.3	31.8	95.4





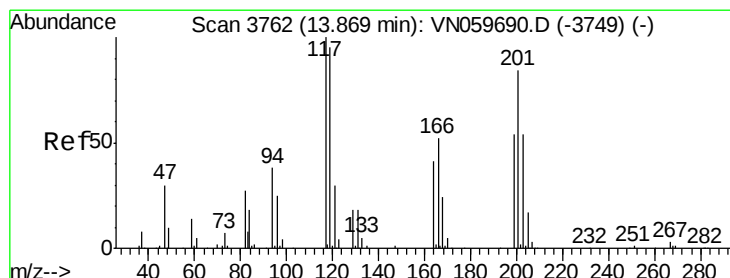
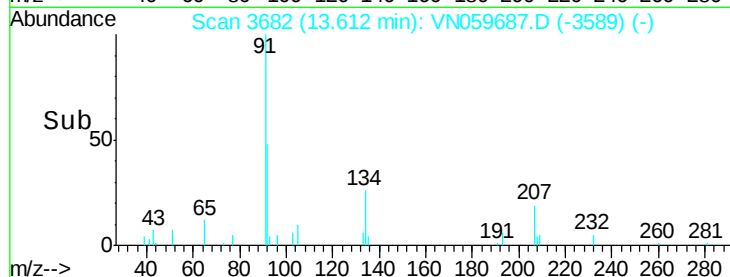
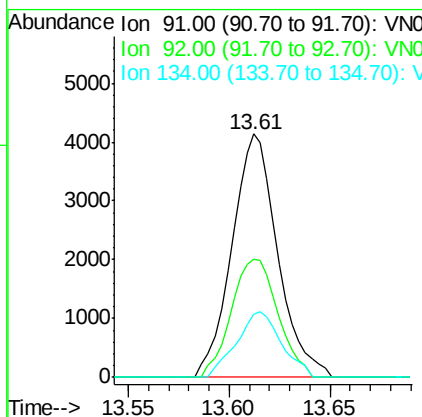
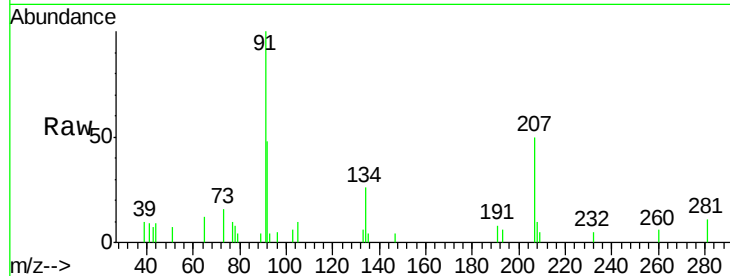
#89
n-Butylbenzene
Concen: 0.833 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.5	25.9	77.7
134	26.4	12.3	36.8

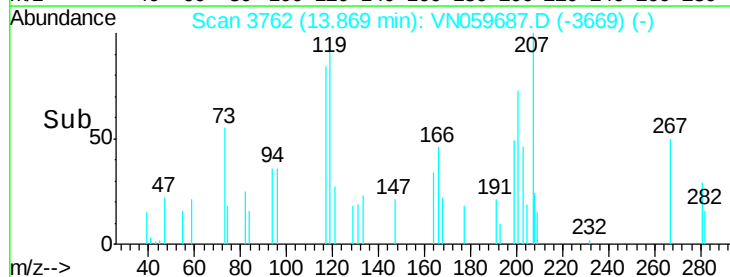
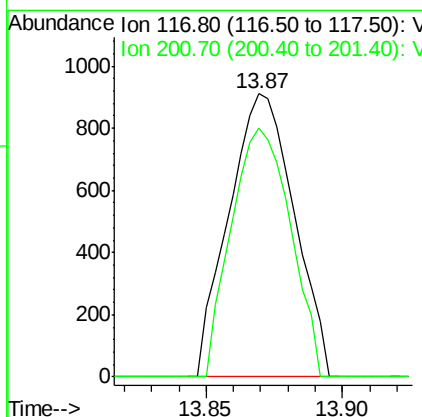
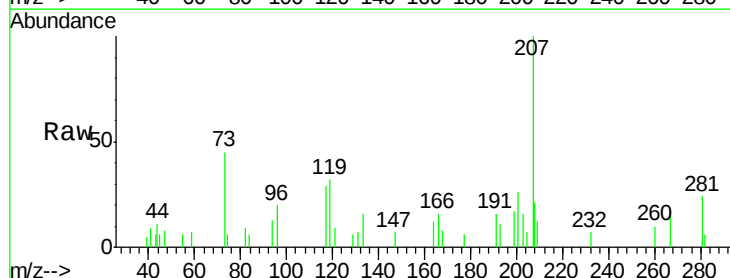
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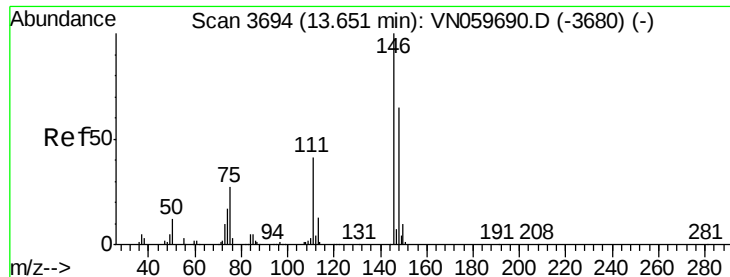
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#90
Hexachloroethane
Concen: 0.952 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059687.D
Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.8	37.8	113.4





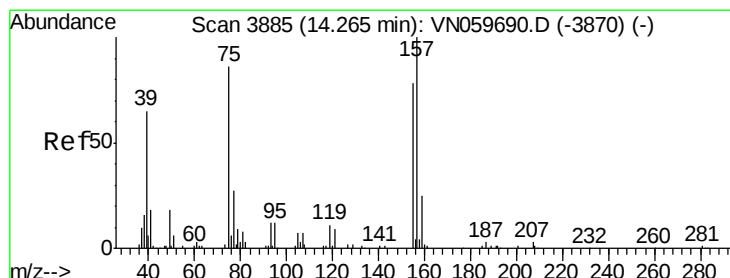
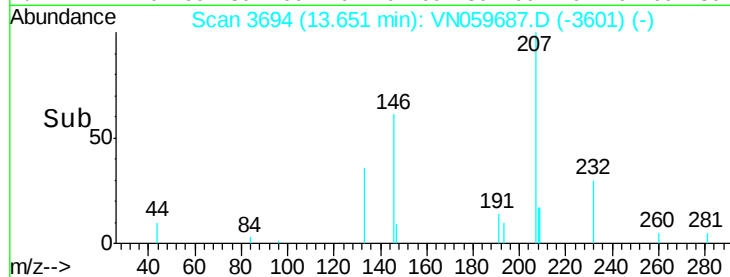
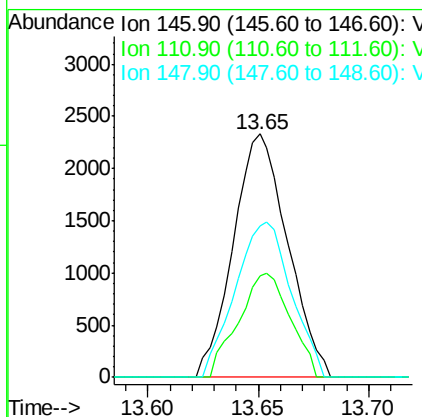
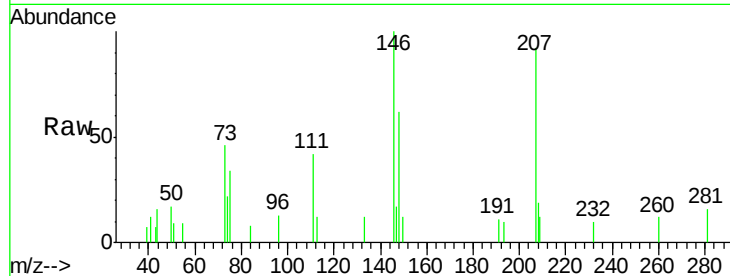
#91
 1,2-Dichlorobenzene
 Concen: 0.919 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.6	64.8
148	65.7	31.6	95.0

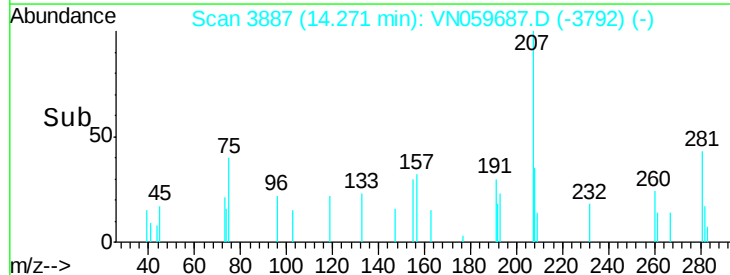
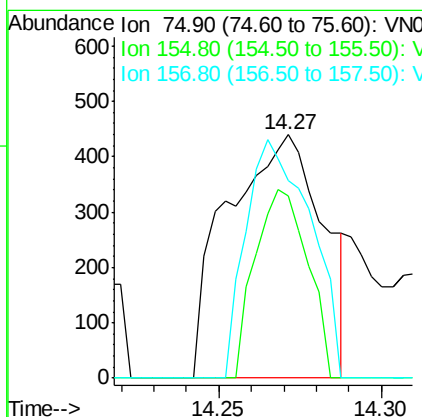
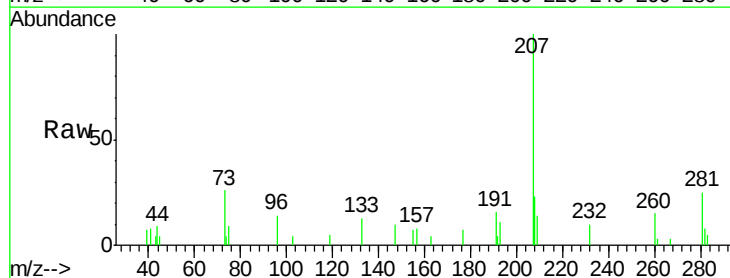
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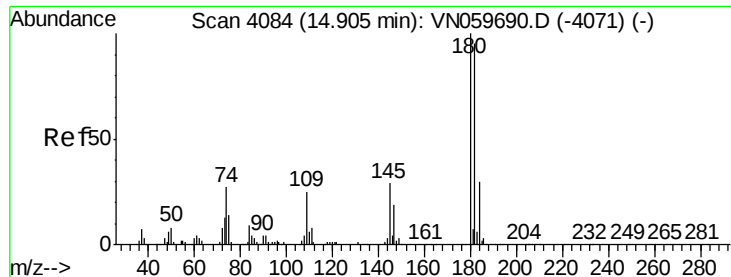
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.988 ug/l m
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.01 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	42.7	37.0	110.9
157	66.2	48.4	145.2





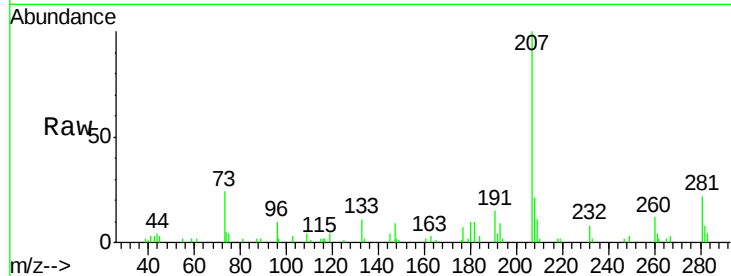
#93
 1,2,4-Trichlorobenzene
 Concen: 0.684 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

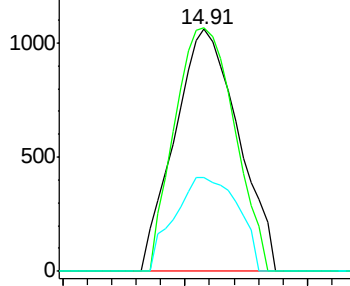
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.9	140.7
145	39.0	15.0	45.1

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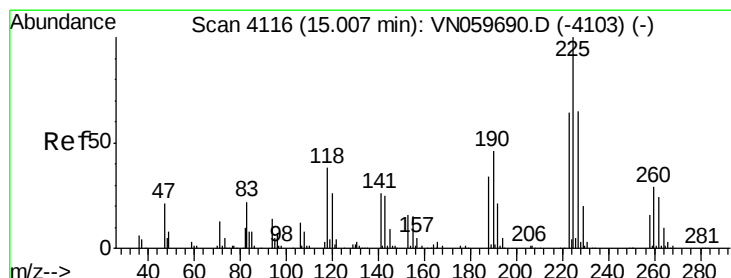
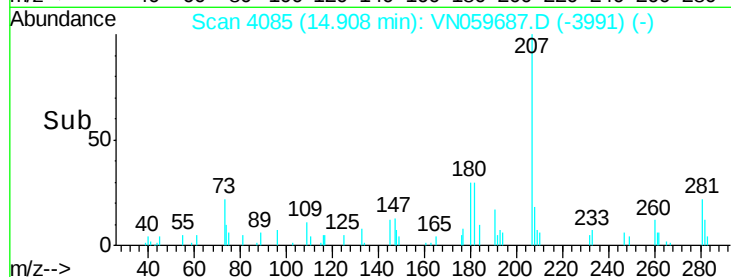
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

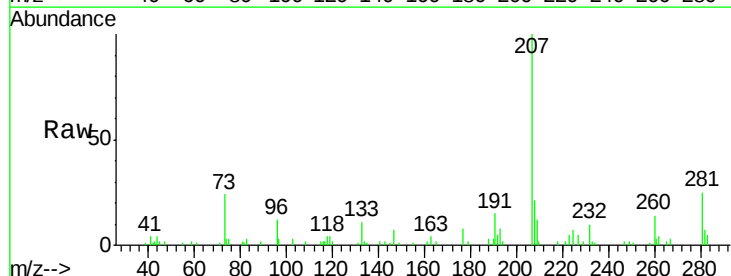


Time--> 14.85 14.90 14.95

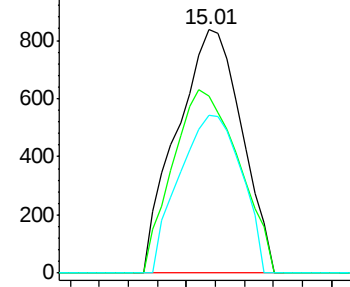


#94
 Hexachlorobutadiene
 Concen: 0.870 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059687.D
 Acq: 13 Jan 2020 13:43

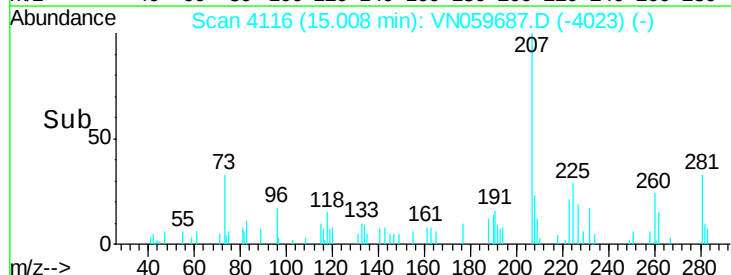
Tgt Ion	Ratio	Lower	Upper
225	100		
223	76.6	31.8	95.3
227	62.2	32.1	96.5

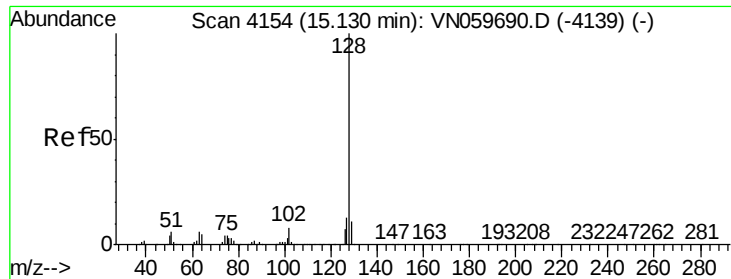


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time--> 15.00 15.05





#95

Naphthalene

Concen: 0.649 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Instrument :

MSVOA_N

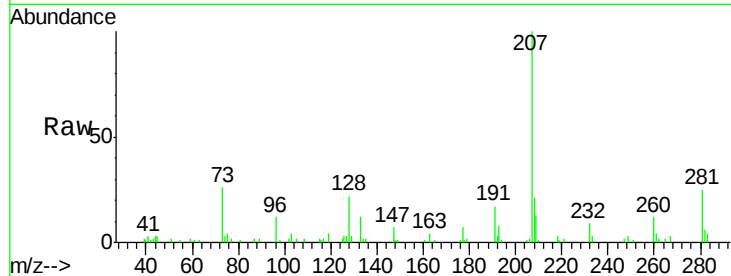
ClientSampled :

VSTDIC001

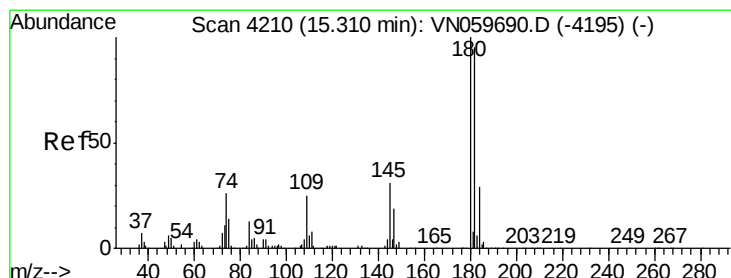
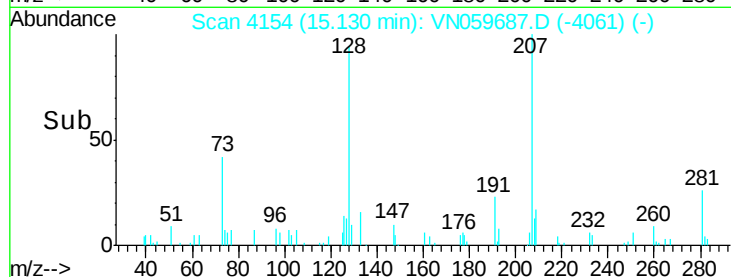
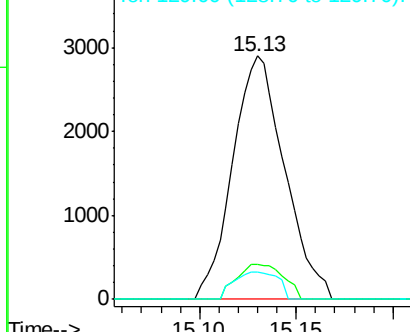
Tot Ion:	128	Resp:	5419
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	9.6	8.6	12.8

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.705 ug/l

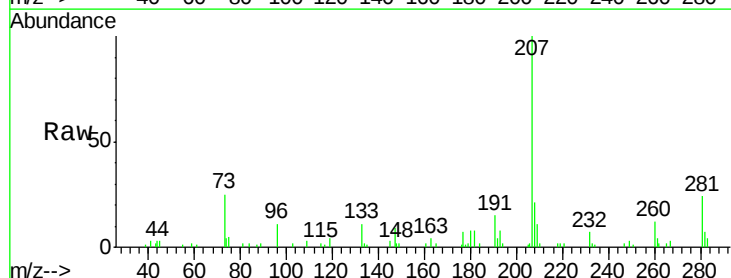
RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059687.D

Acq: 13 Jan 2020 13:43

Tgt Ion:	180	Resp:	1994
Ion Ratio	Lower	Upper	
180	100		
182	97.6	47.4	142.3
145	46.6	16.3	48.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

