

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121319\
 Data File : VN059592.D
 Acq On : 13 Dec 2019 18:34
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
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 12/16/2019 12:49:09 PM

Quant Time: Dec 13 22:56:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 22:31:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	246200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	401716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	350704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147265	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	3348	1.144 ug/l	97
3) Chloromethane	2.04	50	5744	1.282 ug/l	100
4) Vinyl Chloride	2.17	62	5049	1.155 ug/l	94
6) Chloroethane	2.68	64	2911	1.122 ug/l	97
7) Trichlorofluoromethane	2.99	101	5342	1.026 ug/l	98
8) Diethyl Ether	3.39	74	1488	0.840 ug/l	74
9) 1,1,2-Trichlorotrifluoroet	3.73	101	2660	0.990 ug/l	96
12) 1,1-Dichloroethene	3.72	96	2707	1.030 ug/l #	76
14) Allyl chloride	4.29	41	6095	1.209 ug/l #	92
15) Acrylonitrile	4.96	53	7009	4.555 ug/l	98
16) Acetone	3.80	43	12353	7.108 ug/l	90
17) Carbon Disulfide	4.02	76	12242	1.269 ug/l	99
18) Methyl Acetate	4.30	43	4908	1.134 ug/l #	83
19) Methyl tert-butyl Ether	5.02	73	8647	0.991 ug/l	100
20) Methylene Chloride	4.52	84	3376	1.014 ug/l #	90
21) trans-1,2-Dichloroethene	5.01	96	3135	1.116 ug/l	94
22) Diisopropyl ether	5.92	45	8951	0.933 ug/l #	73
23) Vinyl Acetate	5.87	43	31849	4.010 ug/l	99
24) 1,1-Dichloroethane	5.82	63	5329	0.978 ug/l #	85
25) 2-Butanone	6.82	43	11887	5.273 ug/l	96
26) 2,2-Dichloropropane	6.80	77	4987m	1.012 ug/l	
27) cis-1,2-Dichloroethene	6.81	96	2997	0.947 ug/l	89
28) Bromochloromethane	7.18	49	924m	0.521 ug/l	
29) Tetrahydrofuran	7.20	42	7428	4.829 ug/l	94
30) Chloroform	7.35	83	5184	0.964 ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	5004	1.049 ug/l #	51
36) 1,1-Dichloropropene	7.77	75	3834	0.916 ug/l	96
37) Ethyl Acetate	6.91	43	4908	1.125 ug/l #	69
38) Carbon Tetrachloride	7.75	117	4345	1.050 ug/l	98
39) Methylcyclohexane	9.07	83	4378	0.934 ug/l	95
40) Benzene	8.02	78	11915	0.994 ug/l	98
41) Methacrylonitrile	7.15	41	1791	0.891 ug/l #	100
42) 1,2-Dichloroethane	8.10	62	4360	0.975 ug/l	82
43) Isopropyl Acetate	8.15	43	6684	0.922 ug/l #	88

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

44) Trichloroethene	8.82	130	3264	1.075	ug/l	80
45) 1,2-Dichloropropane	9.10	63	3311	1.044	ug/l #	88
46) Dibromomethane	9.20	93	2113	1.005	ug/l	100
47) Bromodichloromethane	9.39	83	3802	0.912	ug/l #	94
48) Methyl methacrylate	9.19	41	3075	0.966	ug/l	88
49) 1,4-Dioxane	9.19	88	719	16.885	ug/l #	78
51) 4-Methyl-2-Pentanone	9.98	43	19022	4.512	ug/l	100
52) Toluene	10.15	92	7373	1.031	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	4428	0.910	ug/l	90
54) cis-1,3-Dichloropropene	9.83	75	4767	0.956	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	2807	0.971	ug/l	91
56) Ethyl methacrylate	10.42	69	3281	0.768	ug/l	94
57) 1,3-Dichloropropane	10.70	76	4761	0.963	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.69	63	5801	4.285	ug/l	94
59) 2-Hexanone	10.75	43	13932	4.360	ug/l	98
60) Dibromochloromethane	10.90	129	2832	0.903	ug/l	95
61) 1,2-Dibromoethane	11.00	107	3132	1.042	ug/l	90
64) Tetrachloroethene	10.63	164	3595	1.321	ug/l	95
65) Chlorobenzene	11.43	112	7423	0.991	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.51	131	2777	0.993	ug/l #	62
67) Ethyl Benzene	11.51	91	13160	0.978	ug/l	97
68) m/p-Xylenes	11.62	106	9304	1.867	ug/l	96
69) o-Xylene	11.95	106	4357	0.936	ug/l	99
70) Styrene	11.96	104	6741	0.875	ug/l	95
71) Bromoform	12.13	173	1725	0.795	ug/l #	96
73) Isopropylbenzene	12.25	105	11401	0.990	ug/l	98
74) N-amyl acetate	12.07	43	4001	0.793	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	3534	0.920	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	4022m	1.038	ug/l	
77) Bromobenzene	12.53	156	3168	1.122	ug/l	96
78) n-propylbenzene	12.59	91	13801	0.986	ug/l	98
79) 2-Chlorotoluene	12.67	91	8836	1.058	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	9332	0.958	ug/l	98
82) 4-Chlorotoluene	12.77	91	8657	1.017	ug/l	100
83) tert-Butylbenzene	12.99	119	8374	1.033	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	9049	0.942	ug/l	100
85) sec-Butylbenzene	13.17	105	10315	0.929	ug/l	98
86) p-Isopropyltoluene	13.29	119	9226	0.931	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	5820	1.125	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	6248m	1.236	ug/l	
89) n-Butylbenzene	13.62	91	9247	0.990	ug/l	93
90) Hexachloroethane	13.88	117	1763	0.963	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	5995	1.230	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1671	1.715	ug/l #	53
93) 1,2,4-Trichlorobenzene	14.91	180	3878	1.170	ug/l	98
94) Hexachlorobutadiene	15.01	225	2428	1.451	ug/l	97
95) Naphthalene	15.13	128	12184	1.247	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	4425	1.299	ug/l	95

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VSTDICC001

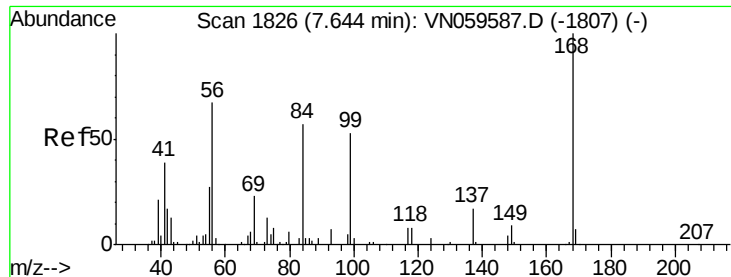
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 246200

Ion Ratio Lower Upper

168 100

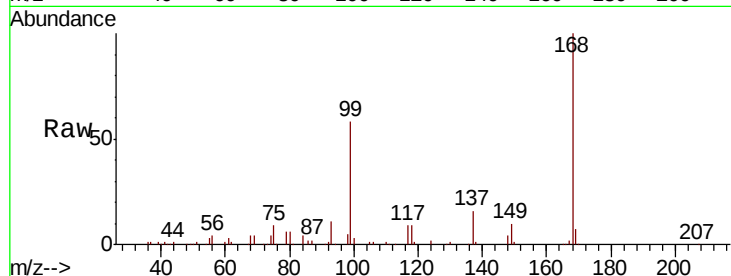
99 58.5 48.2 72.4

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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

120000

100000

80000

60000

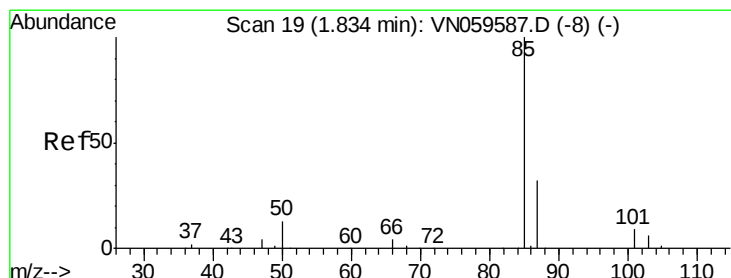
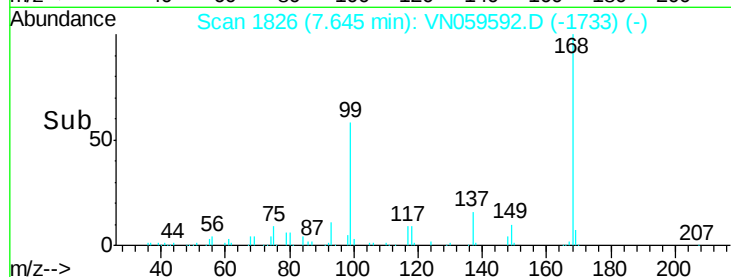
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 1.144 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059592.D

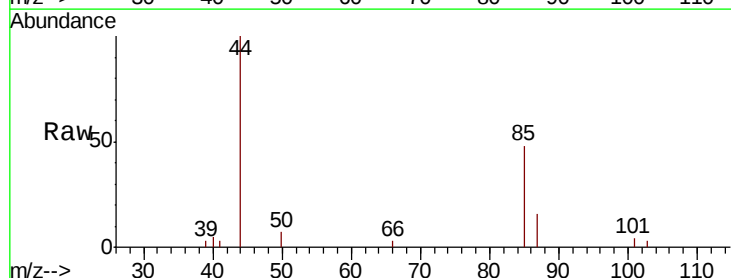
Acq: 13 Dec 2019 18:34

Tgt Ion: 85 Resp: 3348

Ion Ratio Lower Upper

85 100

87 33.6 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

2500

2000

1500

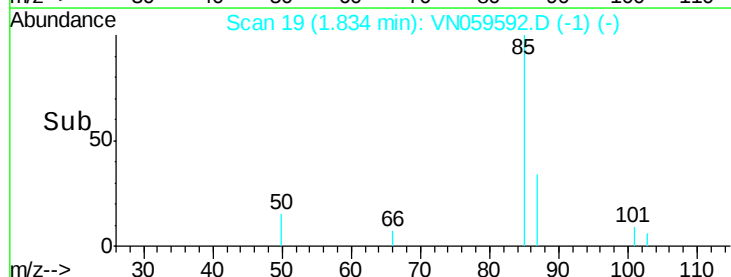
1000

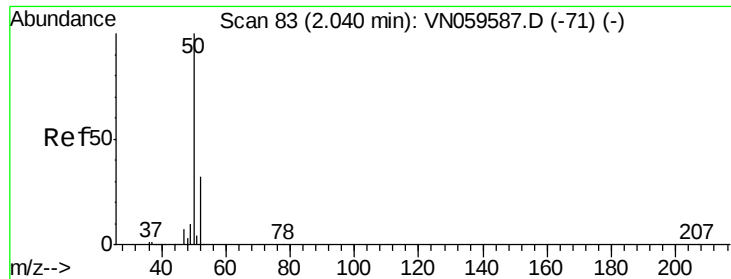
500

0

1.80 1.85

Time-->





#3

Chloromethane

Concen: 1.282 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5744

Ion Ratio Lower Upper

50 100

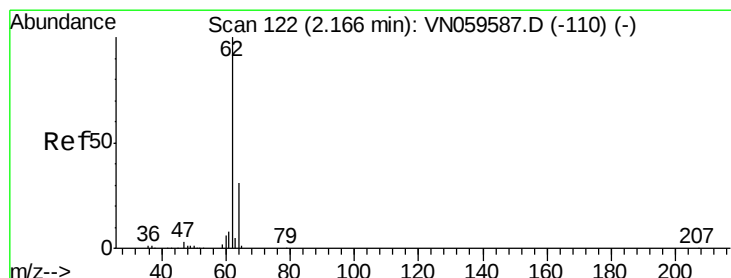
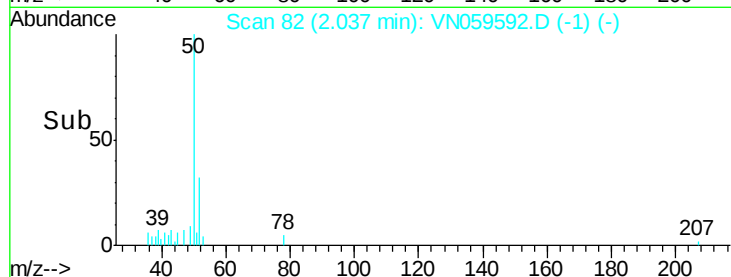
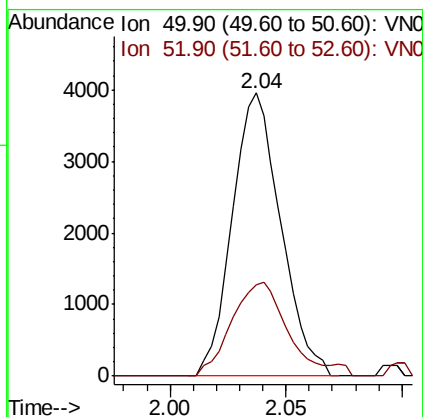
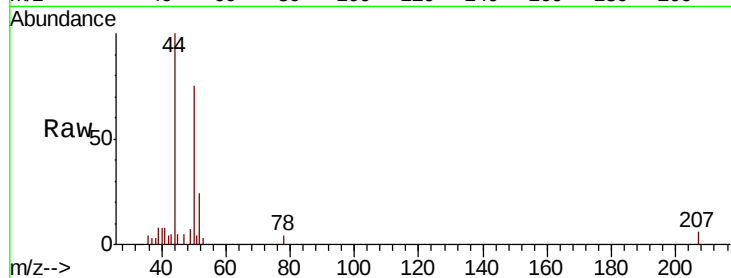
52 32.4 25.9 38.9

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#4

Vinyl Chloride

Concen: 1.155 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059592.D

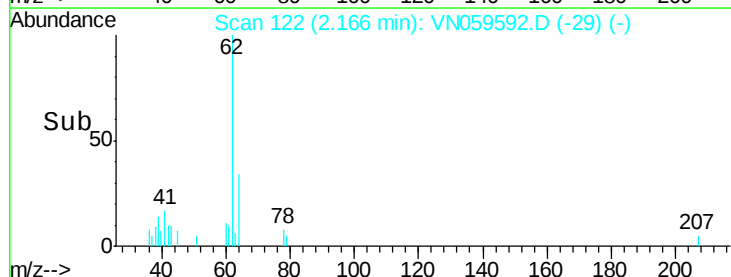
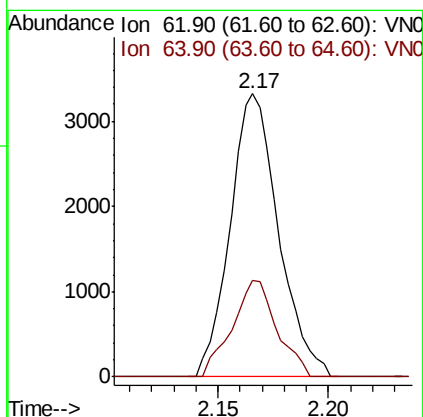
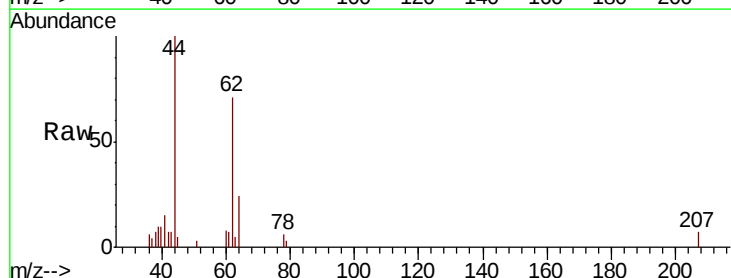
Acq: 13 Dec 2019 18:34

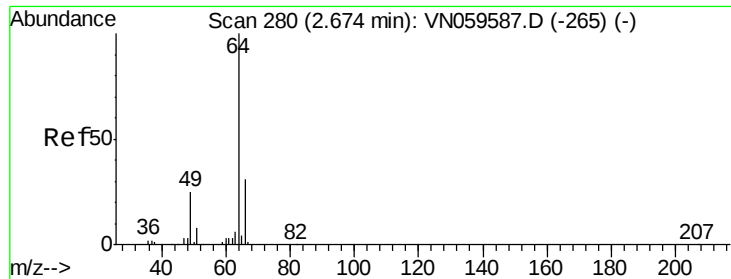
Tgt Ion: 62 Resp: 5049

Ion Ratio Lower Upper

62 100

64 34.2 24.6 37.0





#6

Chloroethane

Concen: 1.122 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2911

Ion Ratio Lower Upper

64 100

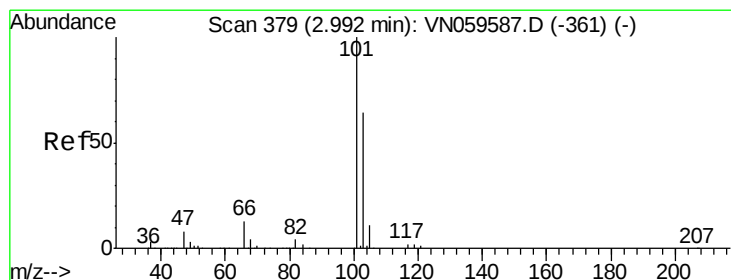
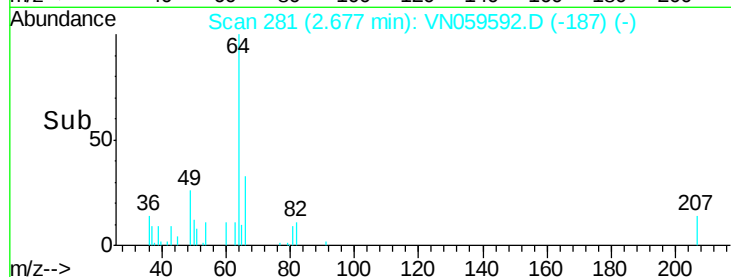
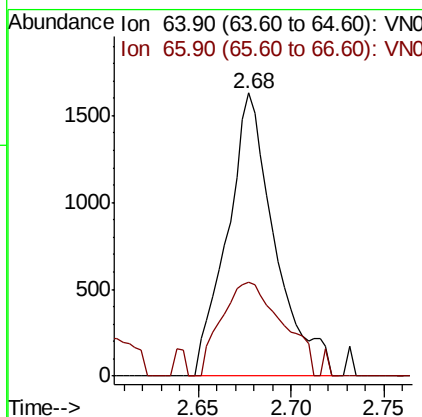
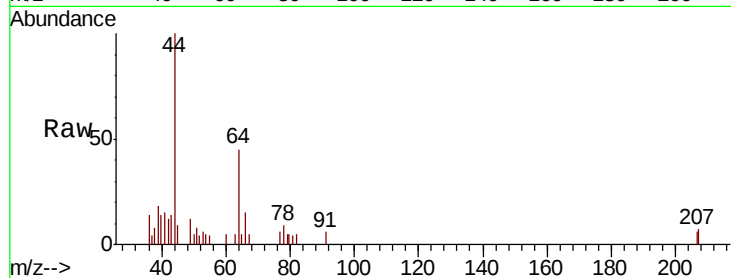
66 33.1 25.1 37.7

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#7

Trichlorofluoromethane

Concen: 1.026 ug/l

RT: 2.99 min Scan# 379

Delta R.T. 0.00 min

Lab File: VN059592.D

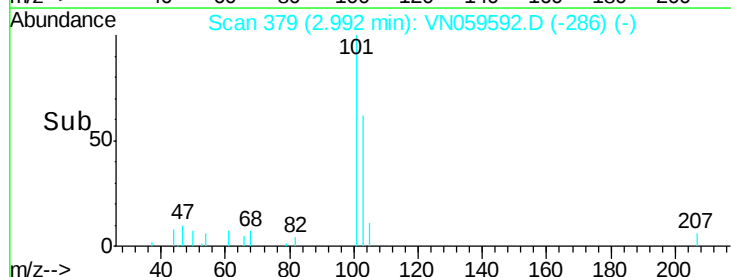
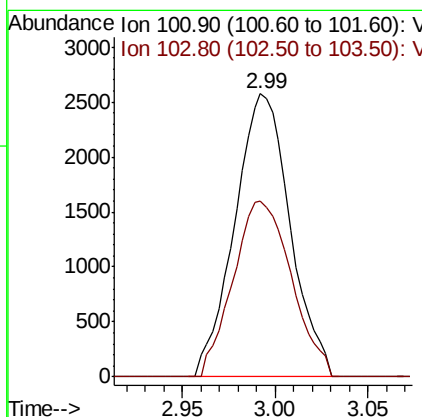
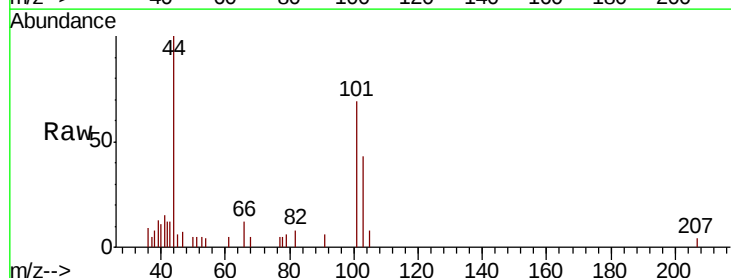
Acq: 13 Dec 2019 18:34

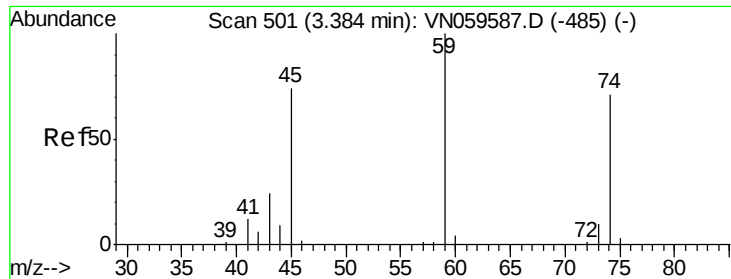
Tgt Ion: 101 Resp: 5342

Ion Ratio Lower Upper

101 100

103 62.3 51.0 76.6





#8

Diethyl Ether

Concen: 0.840 ug/l

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1488

Ion Ratio Lower Upper

74 100

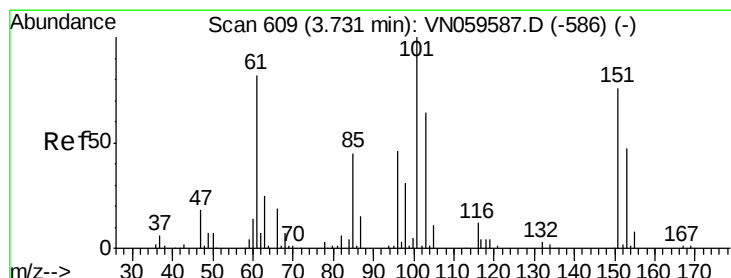
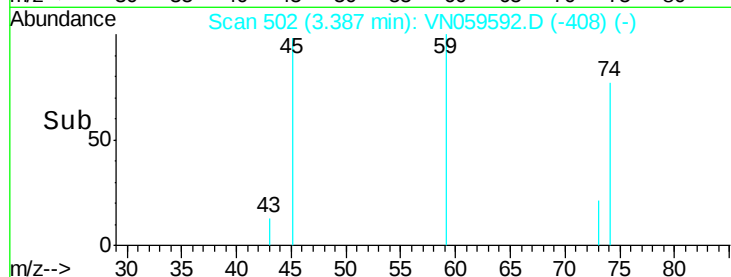
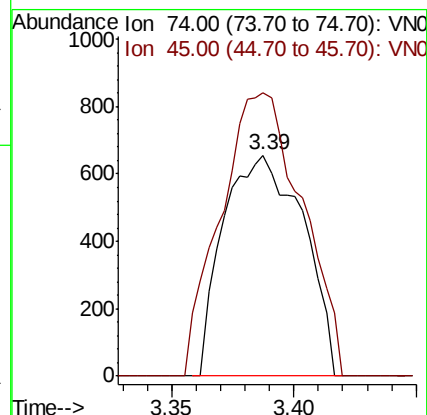
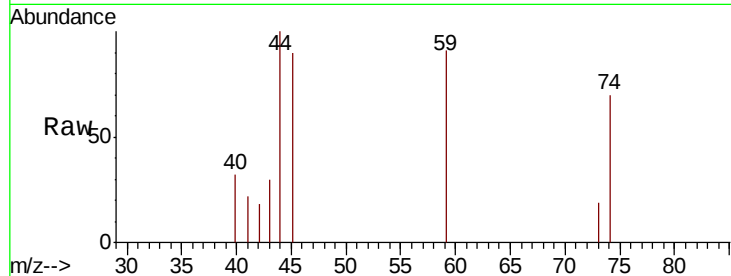
45 131.0 51.9 155.8

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.990 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

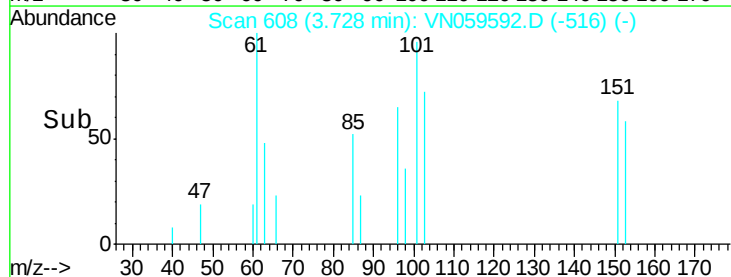
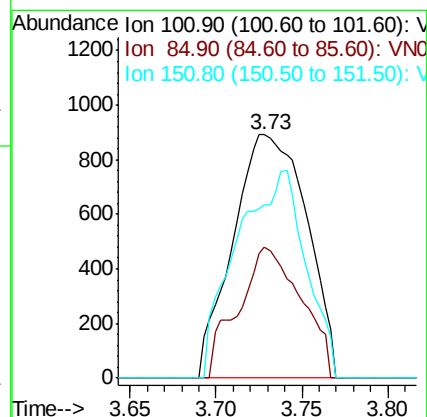
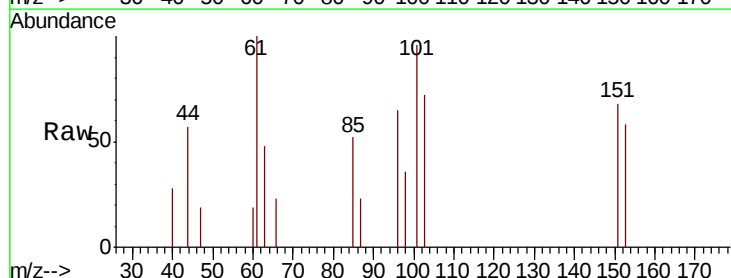
Tgt Ion: 101 Resp: 2660

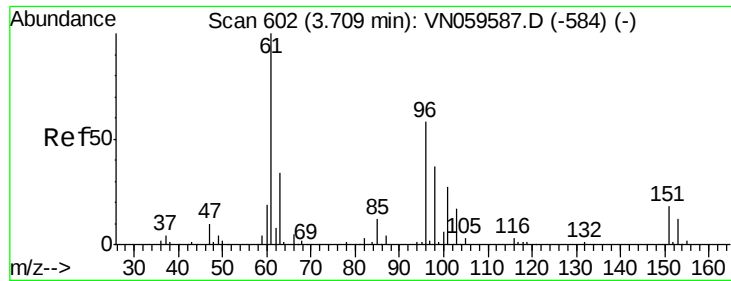
Ion Ratio Lower Upper

101 100

85 46.0 36.6 54.8

151 80.0 59.7 89.5





#12

1,1-Dichloroethene

Concen: 1.030 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.01 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

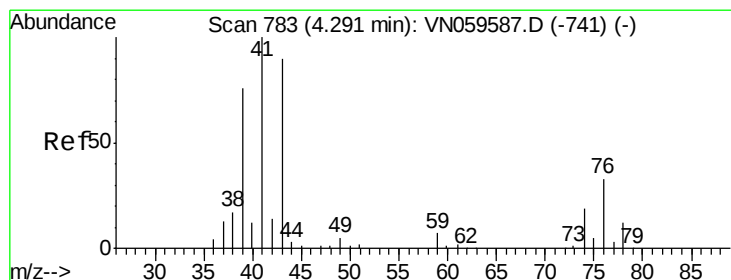
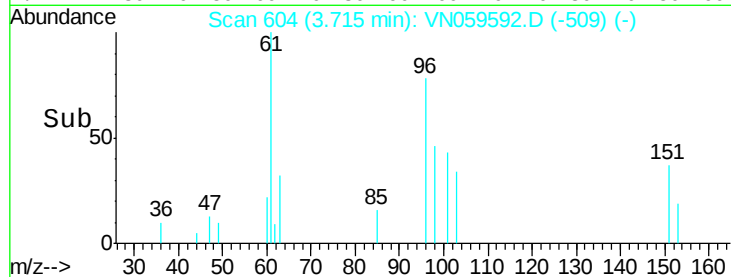
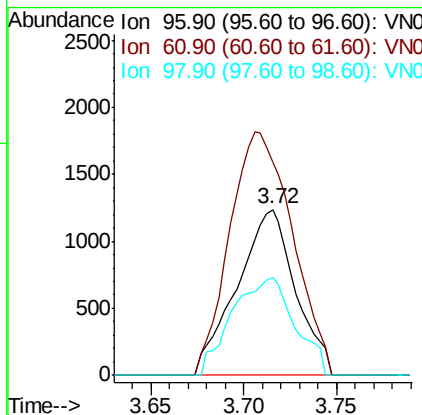
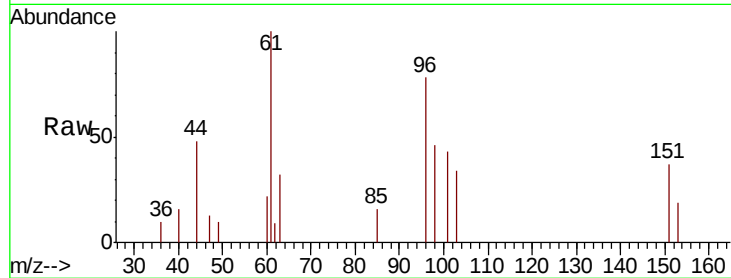
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.4	137.5	206.3#
98	59.1	50.2	75.4

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#14

Allyl chloride

Concen: 1.209 ug/l

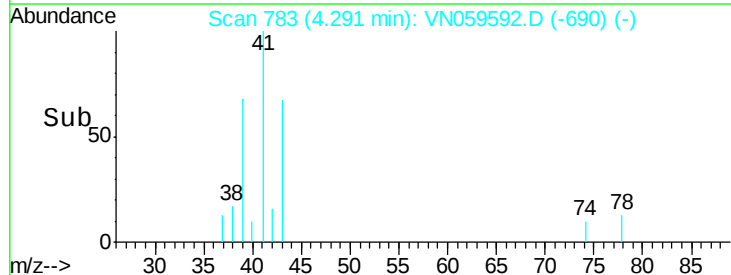
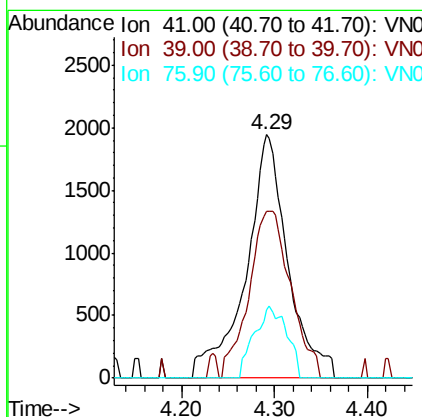
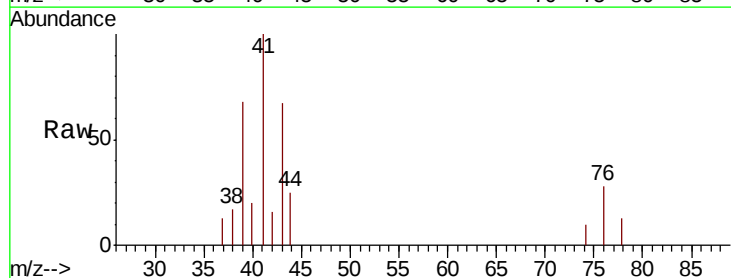
RT: 4.29 min Scan# 783

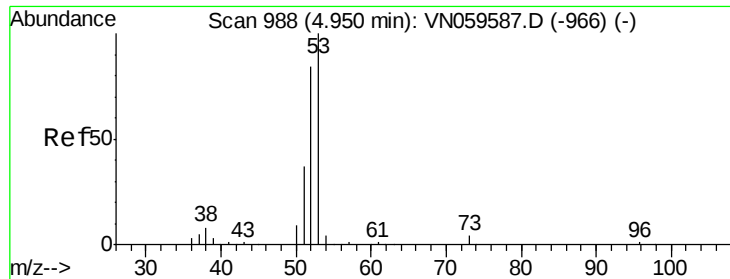
Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.4	57.8	86.8
76	22.8	25.4	38.0#





#15

Acrylonitrile

Concen: 4.555 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.01 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

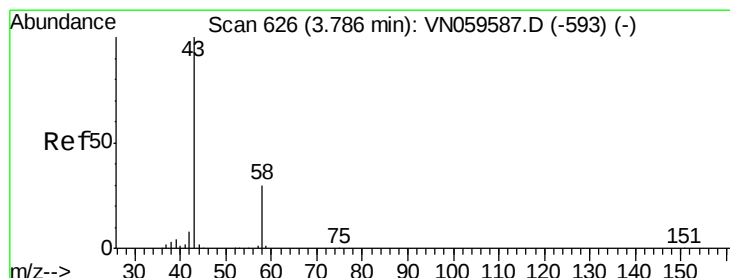
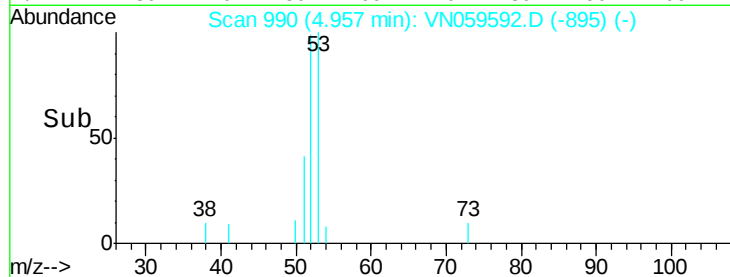
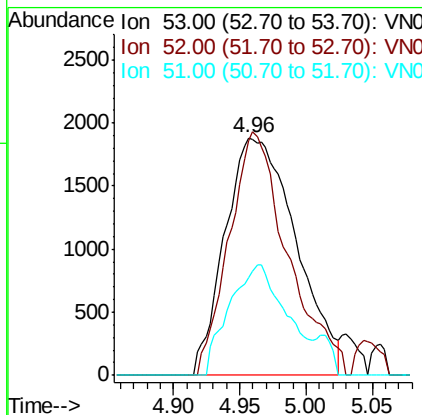
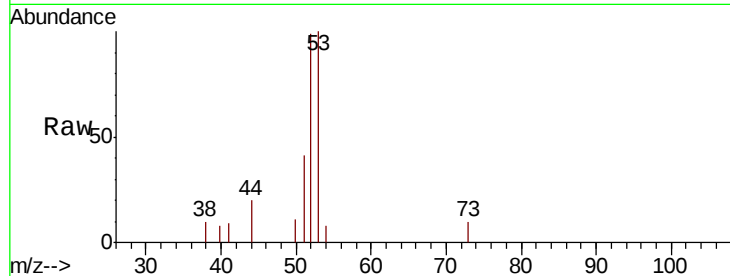
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	7009
Ion	Ratio	Lower	Upper
53	100		
52	84.7	66.3	99.5
51	37.6	29.7	44.5

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#16

Acetone

Concen: 7.108 ug/l

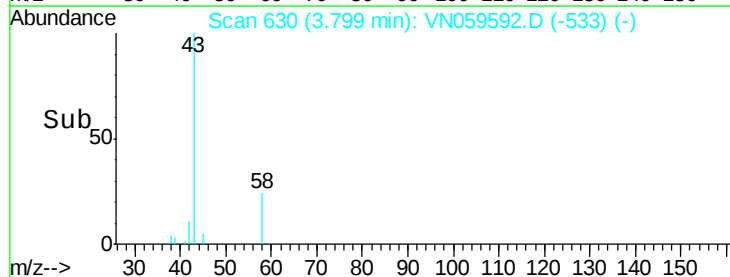
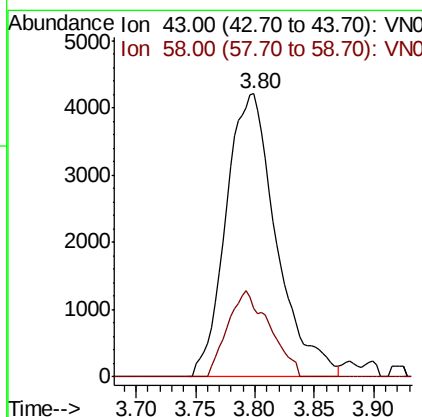
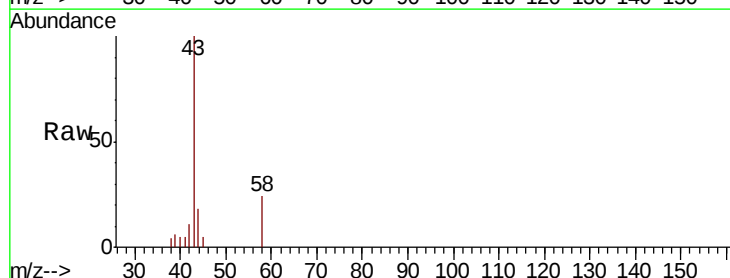
RT: 3.80 min Scan# 630

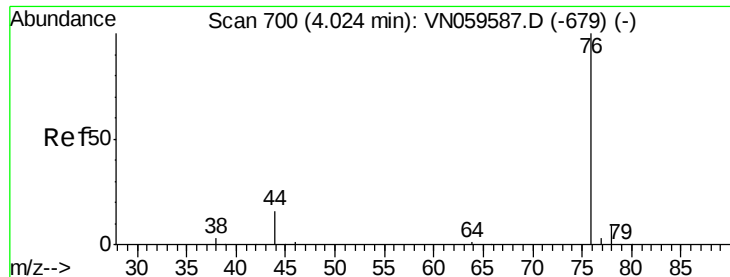
Delta R.T. 0.01 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Tgt Ion:	43	Resp:	12353
Ion	Ratio	Lower	Upper
43	100		
58	24.3	23.6	35.4





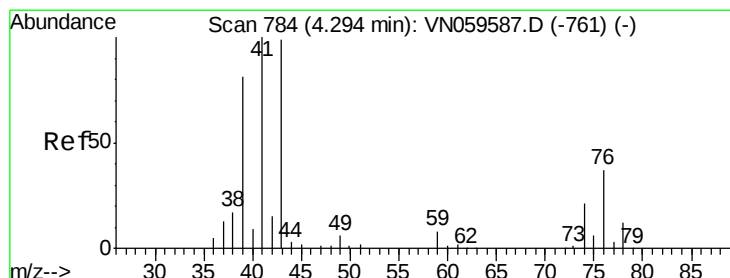
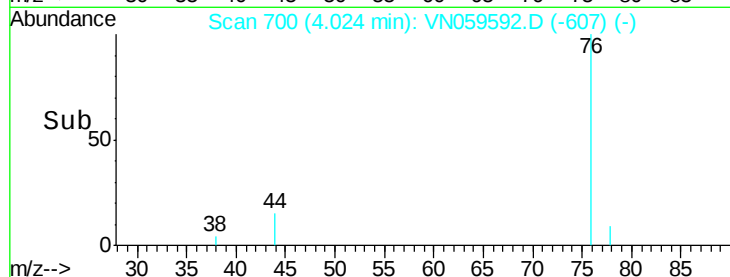
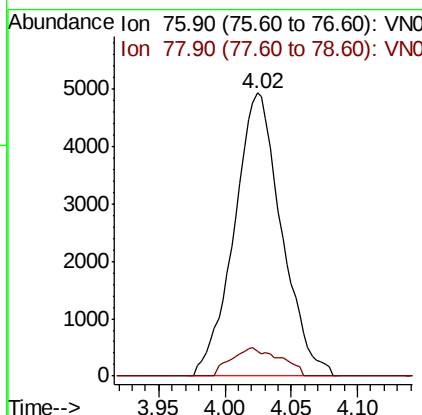
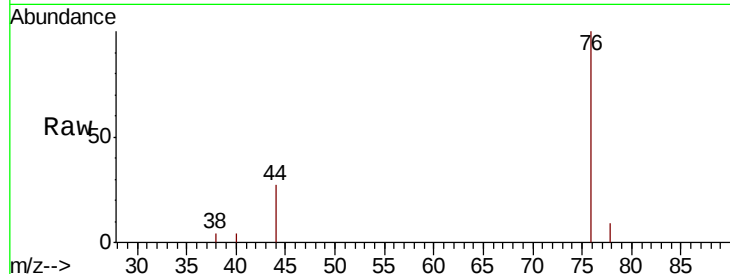
#17
Carbon Disulfide
Concen: 1.269 ug/l
RT: 4.02 min Scan# 700
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

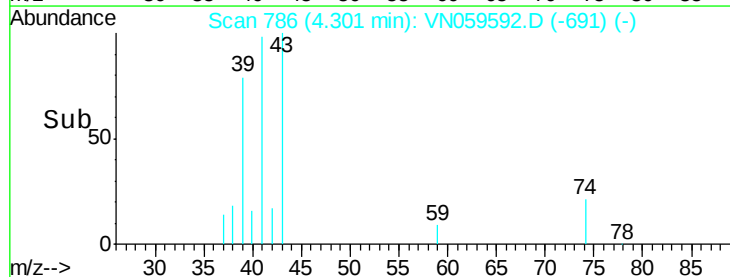
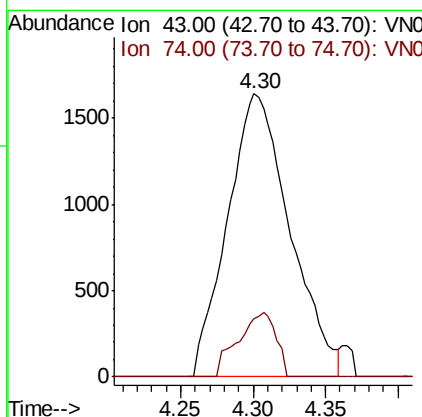
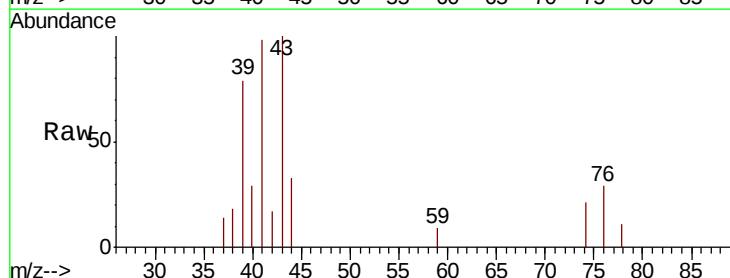
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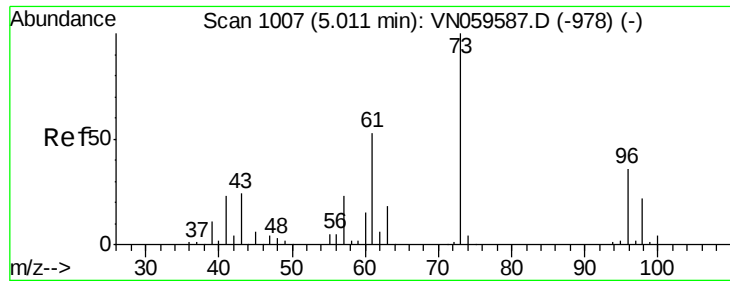
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#18
Methyl Acetate
Concen: 1.134 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	13.8	17.5	26.3#





#19

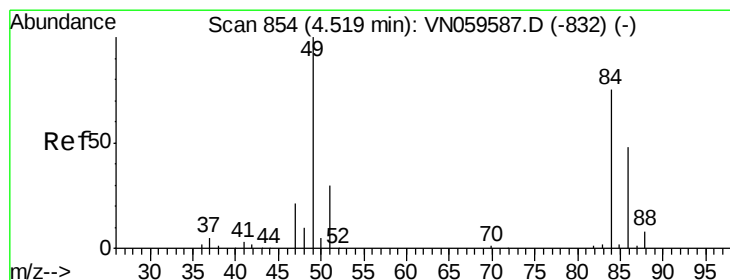
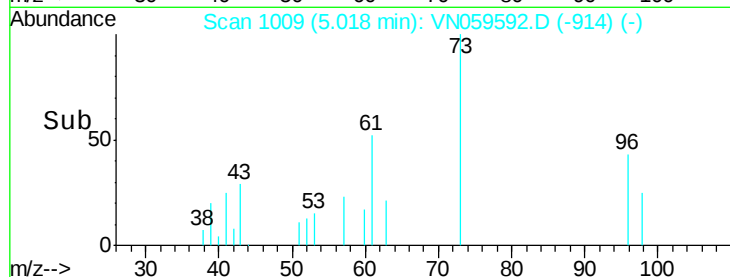
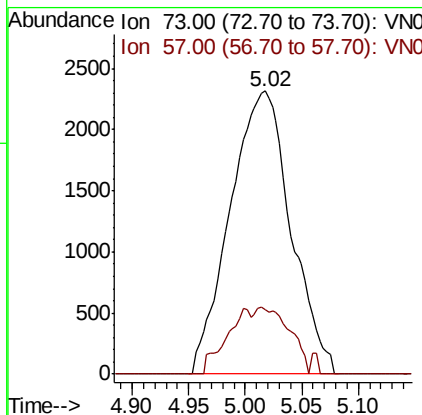
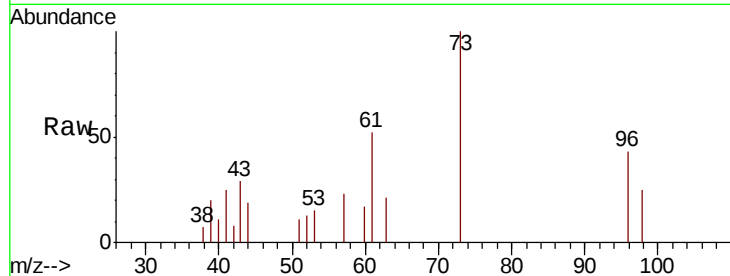
Methyl tert-butyl Ether
 Concen: 0.991 ug/l
 RT: 5.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC001

Tot Ion: 73 Resp: 8647
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.6 27.8

Manual Integrations
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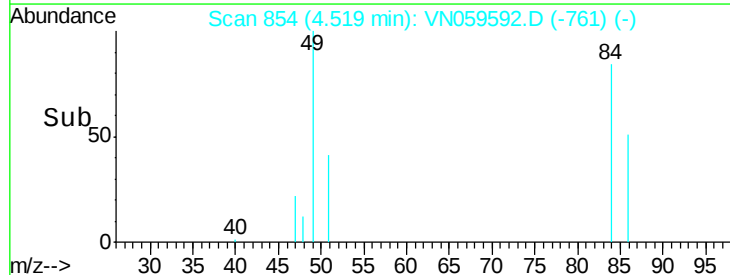
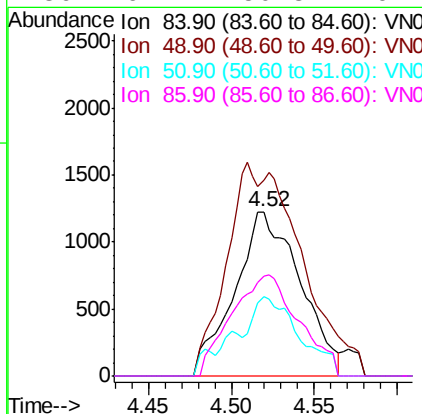
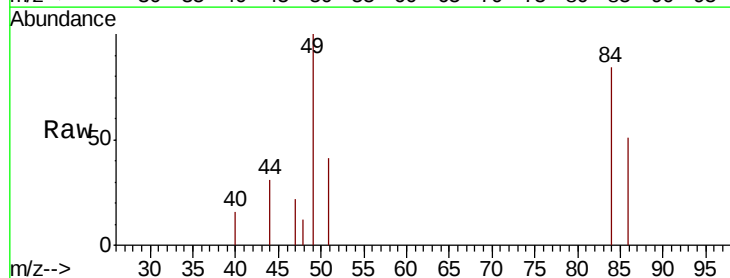
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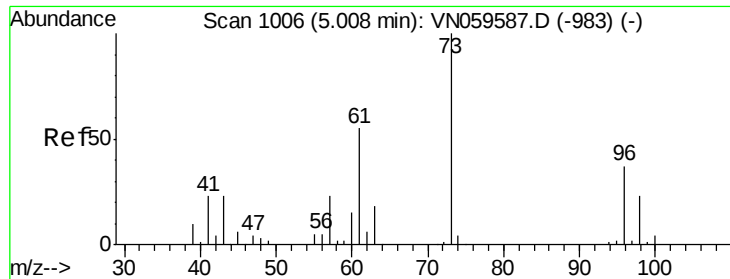


#20

Methylene Chloride
 Concen: 1.014 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Tgt Ion: 84 Resp: 3376
 Ion Ratio Lower Upper
 84 100
 49 119.1 106.6 160.0
 51 48.8 31.9 47.9#
 86 61.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 1.116 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 96 Resp: 3135

Ion Ratio Lower Upper

96 100

61 155.9 120.4 180.6

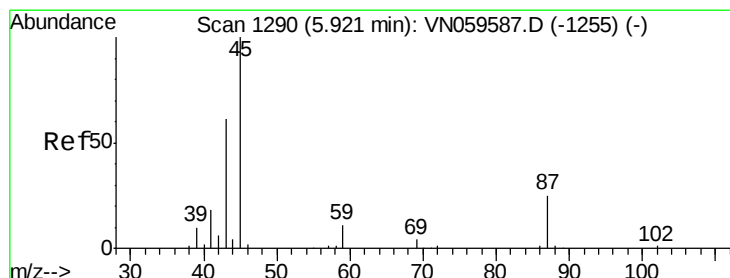
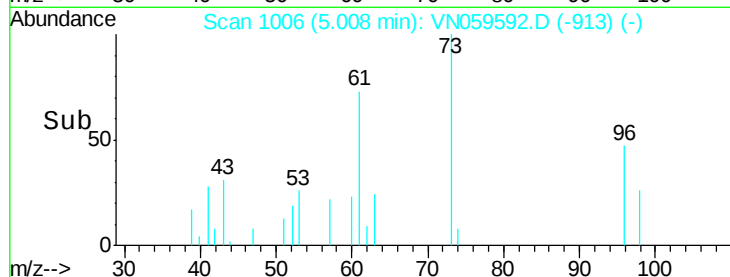
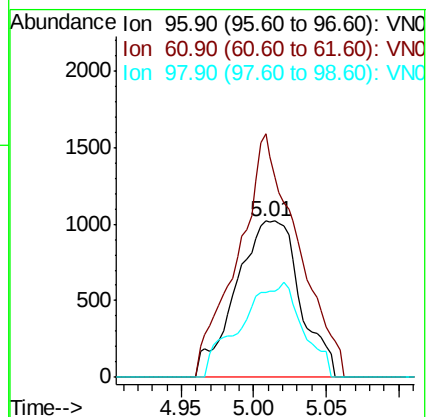
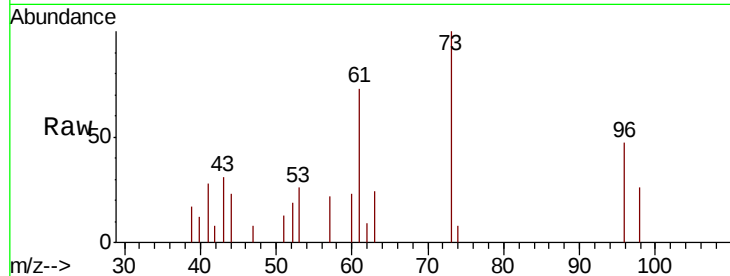
98 54.7 50.6 75.8

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#22

Diisopropyl ether

Concen: 0.933 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Tgt Ion: 45 Resp: 8951

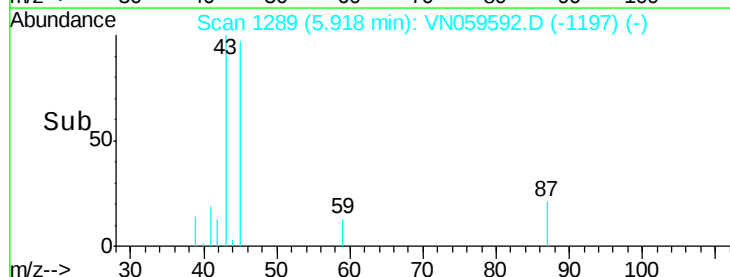
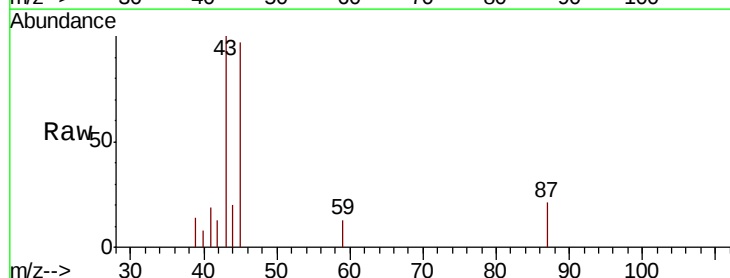
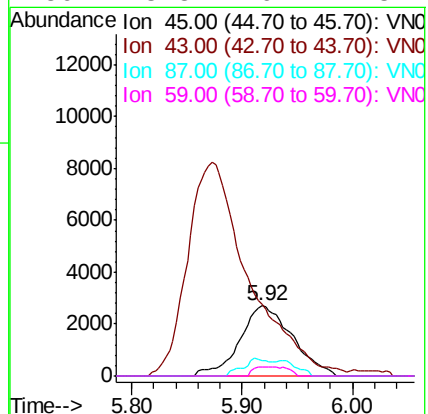
Ion Ratio Lower Upper

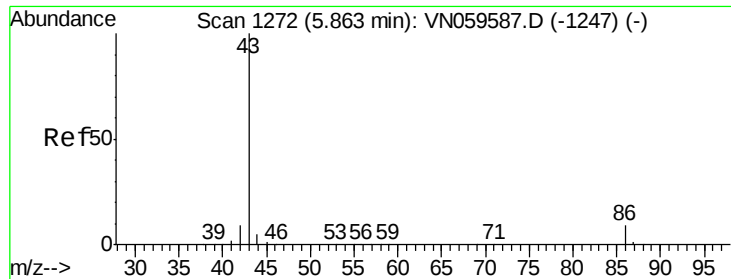
45 100

43 93.0 50.8 76.2#

87 22.0 21.0 31.6

59 13.8 9.1 13.7#





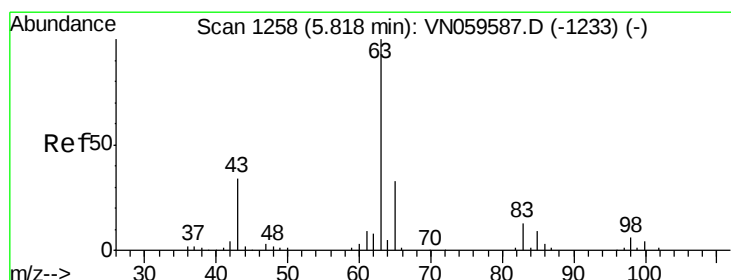
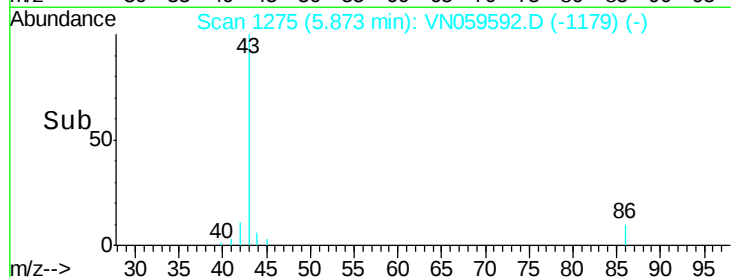
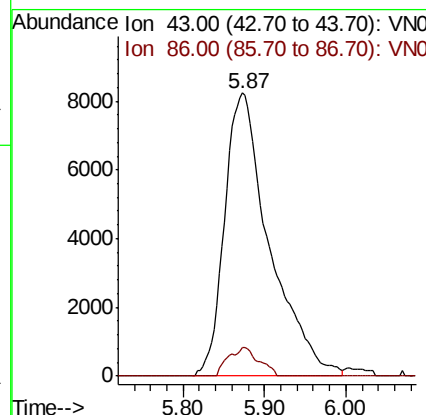
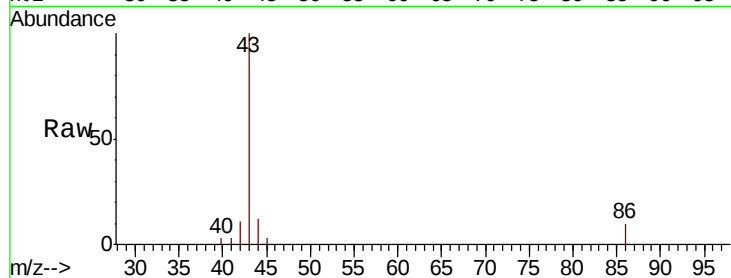
#23
 Vinyl Acetate
 Concen: 4.010 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	43.00	Resp	31849
Ion Ratio	Lower	Upper	
43	100		
86	9.9	7.6	11.4

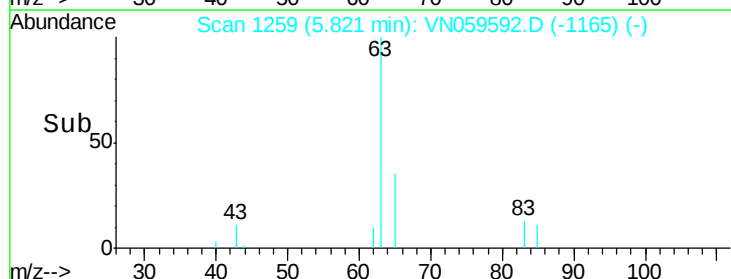
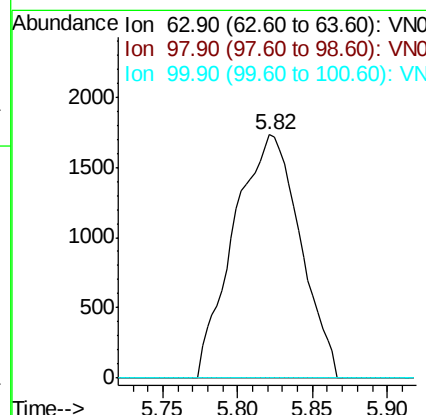
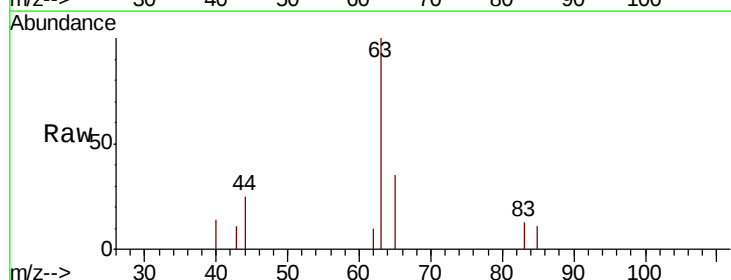
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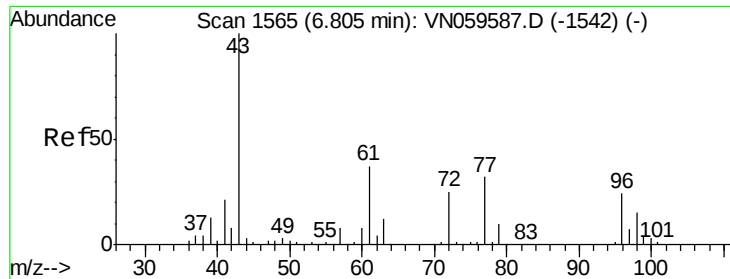
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#24
 1,1-Dichloroethane
 Concen: 0.978 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Tgt Ion	63.00	Resp	5329
Ion Ratio	Lower	Upper	
63	100		
98	0.0	2.9	8.7#
100	0.0	2.0	6.0#





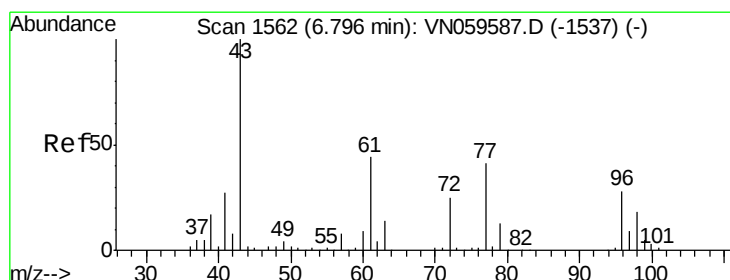
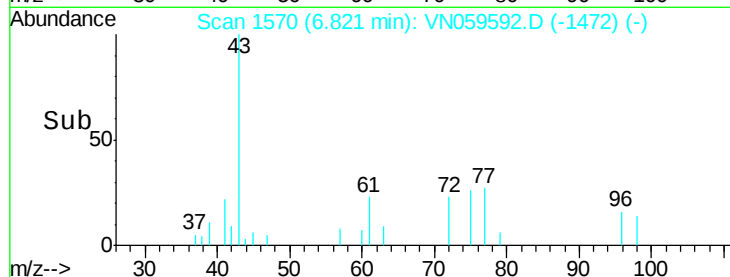
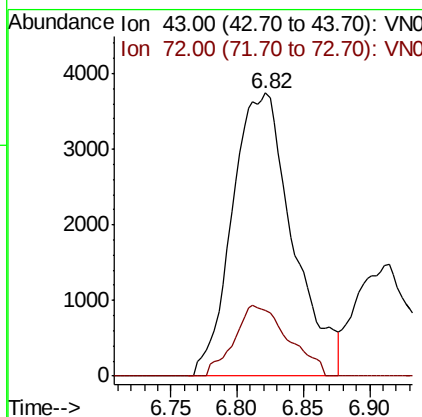
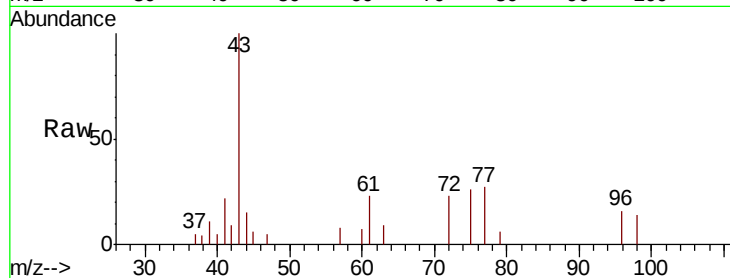
#25
2-Butanone
Concen: 5.273 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.02 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 11887
Ion Ratio Lower Upper
43 100
72 23.0 19.9 29.9

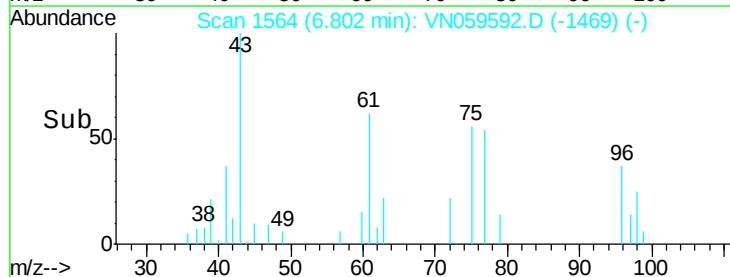
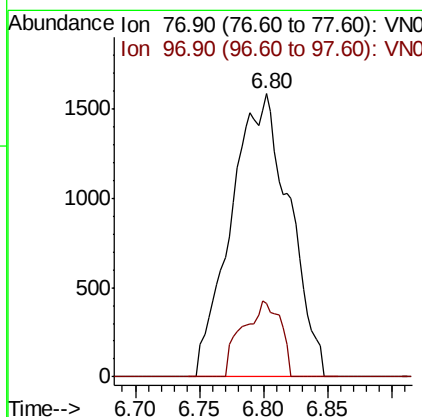
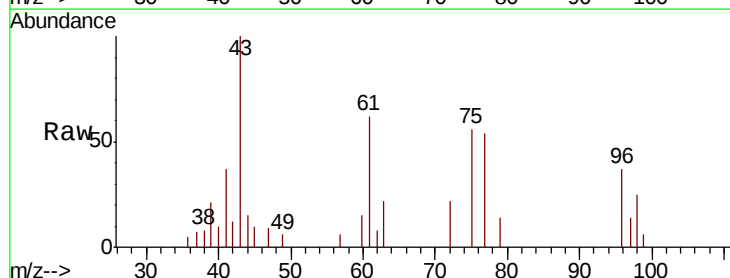
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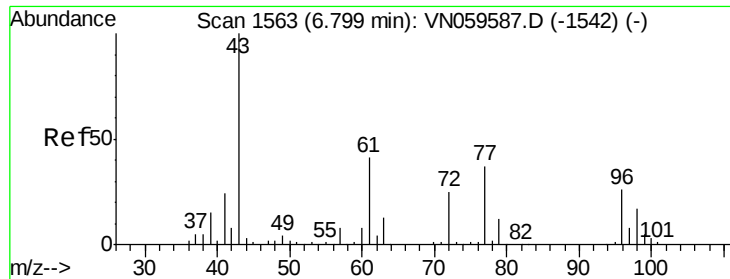
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#26
2,2-Dichloropropane
Concen: 1.012 ug/l m
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Tgt Ion: 77 Resp: 4987
Ion Ratio Lower Upper
77 100
97 17.5 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 0.947 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

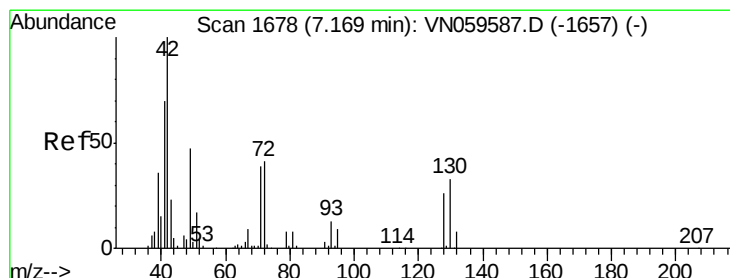
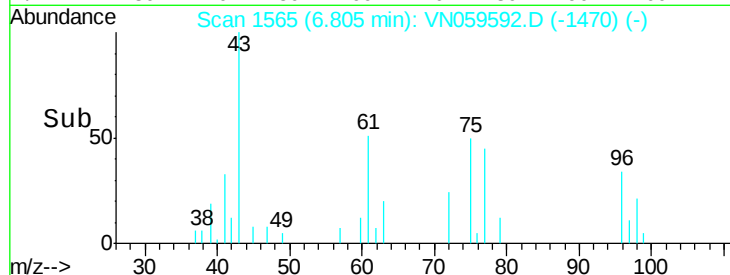
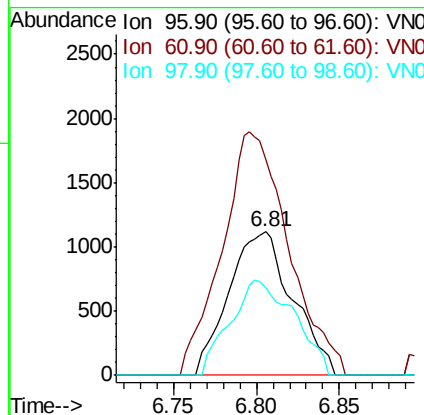
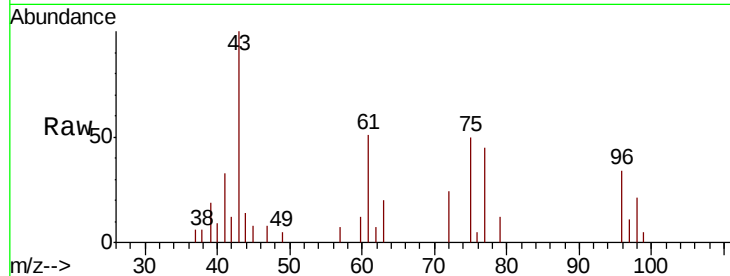
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2997
Ion	Ratio	Lower	Upper
96	100		
61	176.7	0.0	317.6
98	66.5	0.0	127.0

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#28

Bromochloromethane

Concen: 0.521 ug/l m

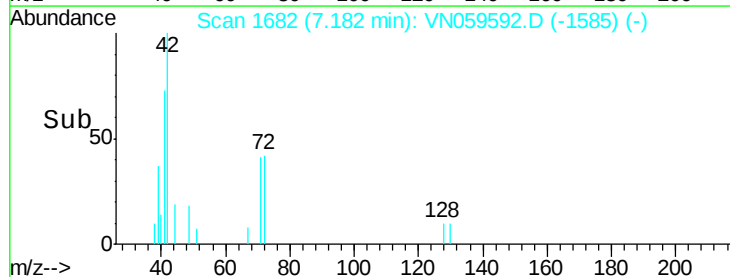
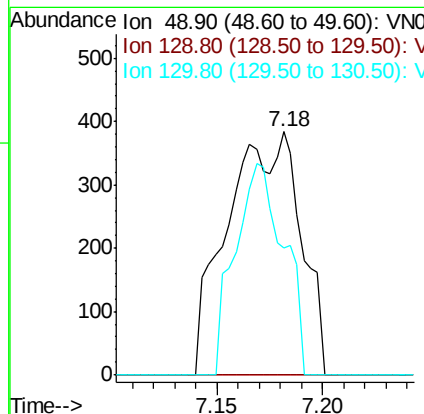
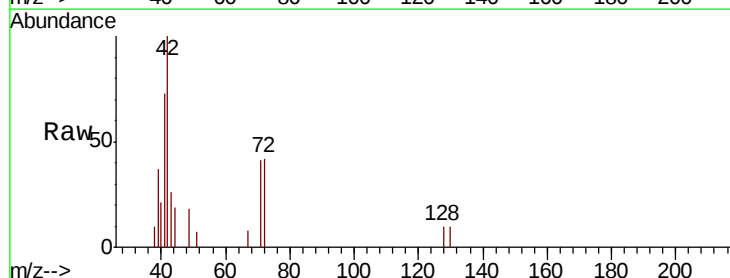
RT: 7.18 min Scan# 1682

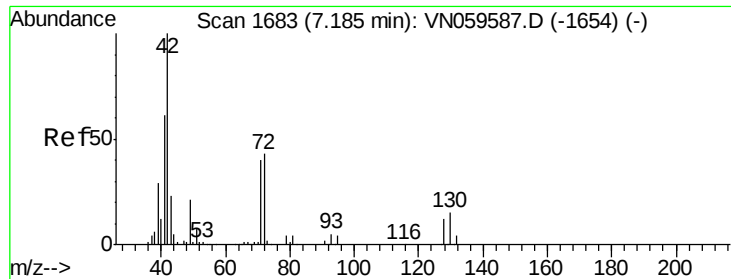
Delta R.T. 0.01 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Tgt Ion:	49	Resp:	924
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	57.8	54.7	82.1





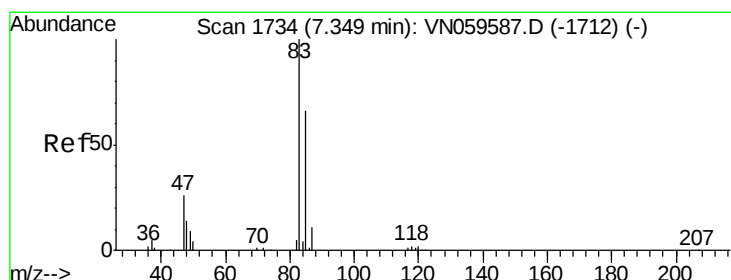
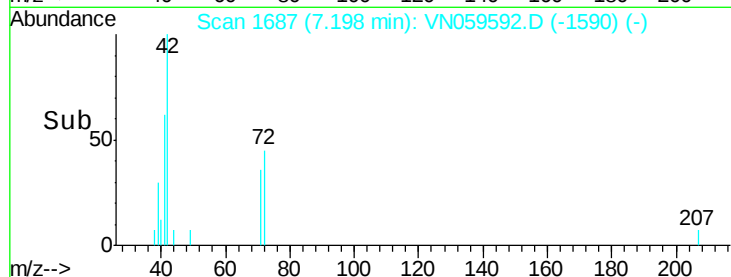
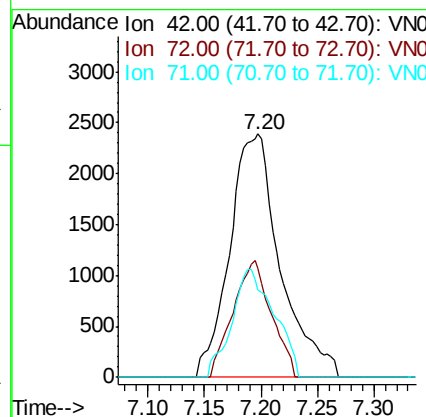
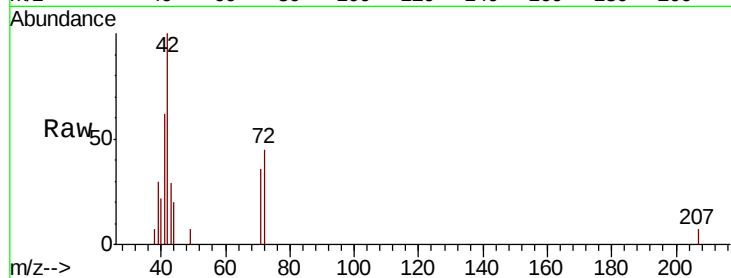
#29
Tetrahydrofuran
Concen: 4.829 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.4	33.1	49.7
71	37.0	31.4	47.0

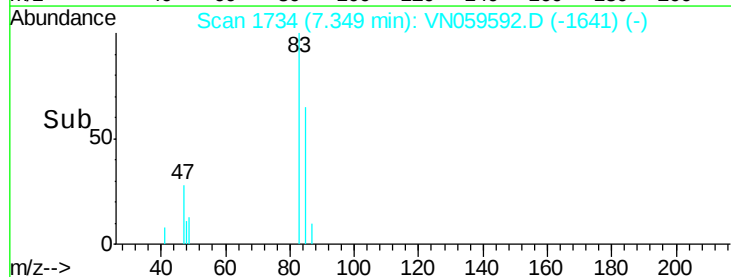
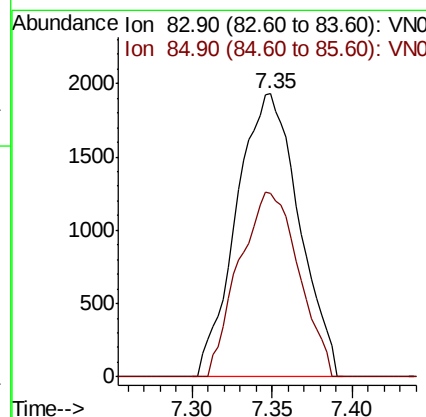
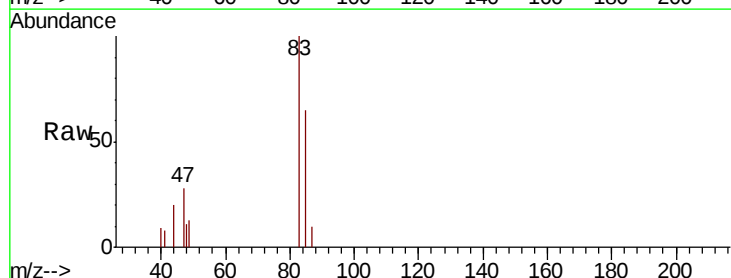
Manual Integrations
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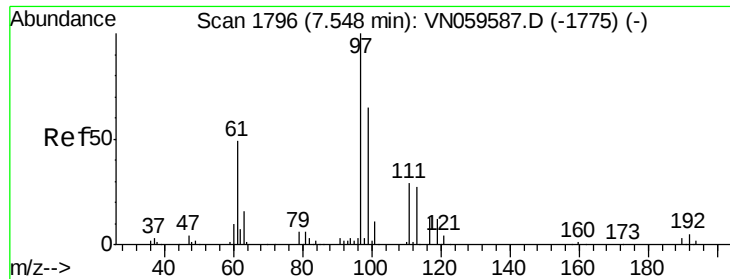
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#30
Chloroform
Concen: 0.964 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.4	78.6





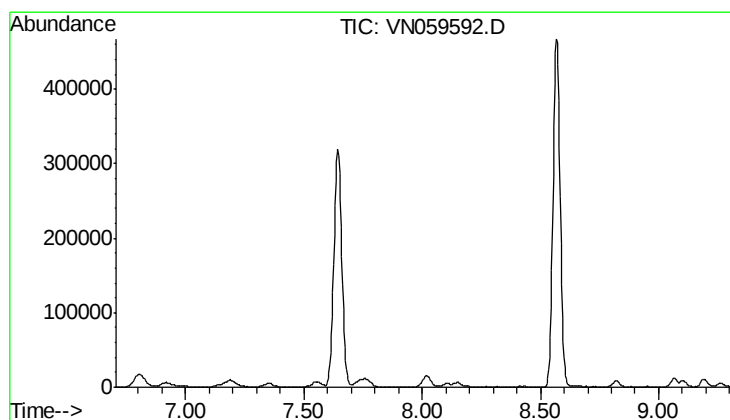
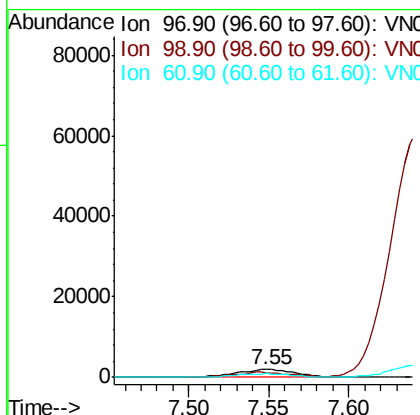
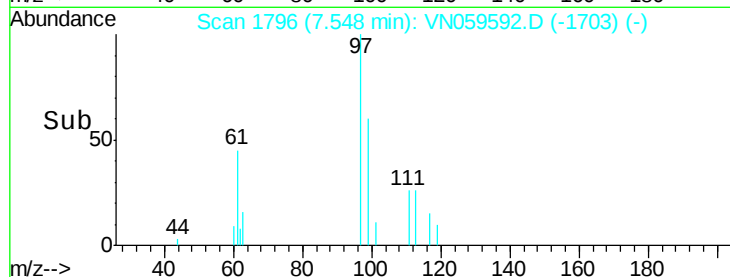
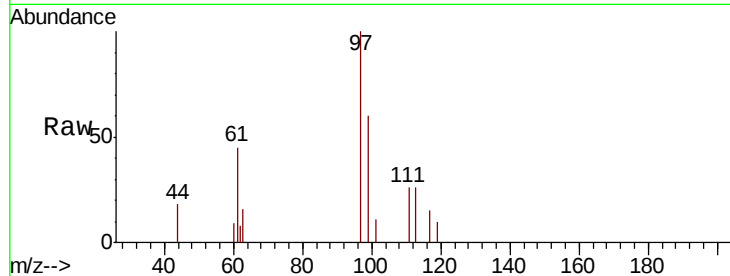
#32
 1,1,1-Trichloroethane
 Concen: 1.049 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.0	76.4#	
61	44.0	38.5	57.7	

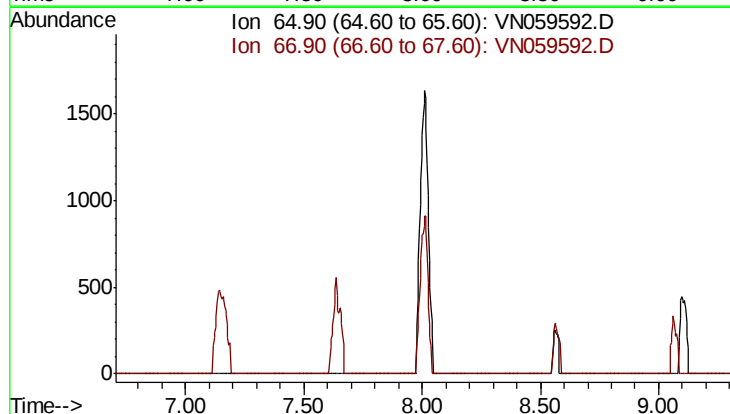
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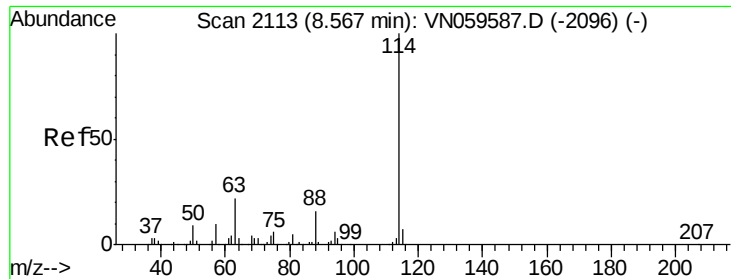
apatel
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#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Tgt Ion	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: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

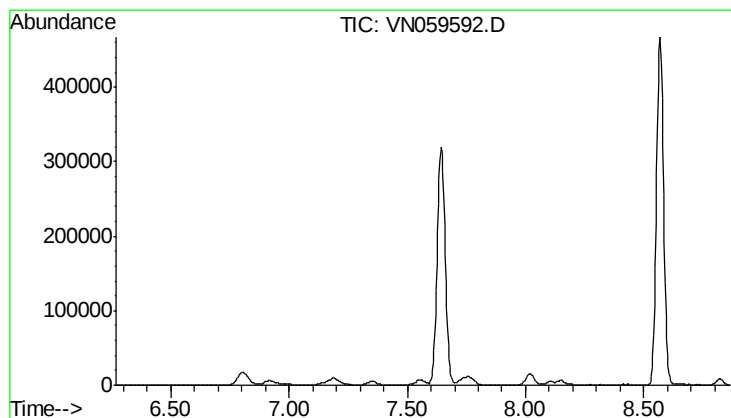
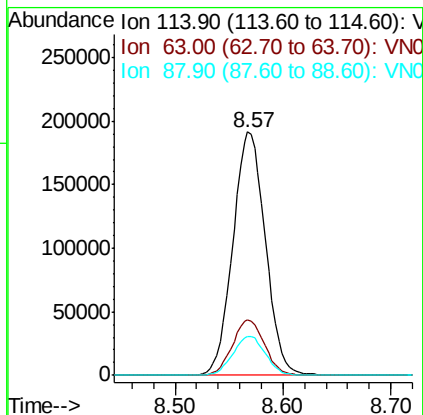
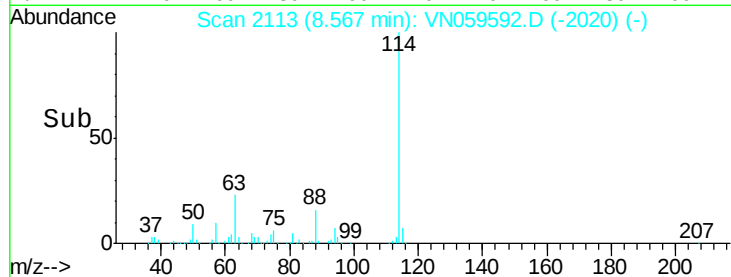
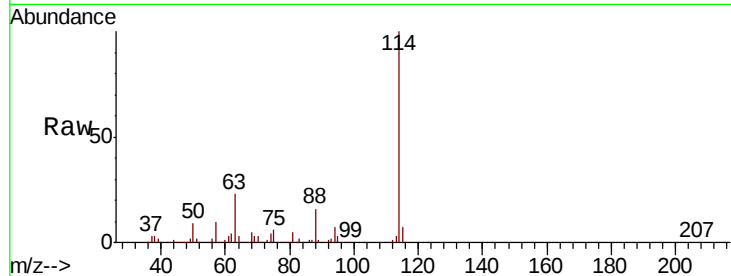
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
401716	114	100			
	63	22.8	0.0	43.6	
	88	16.1	0.0	31.4	

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#35

Dibromofluoromethane

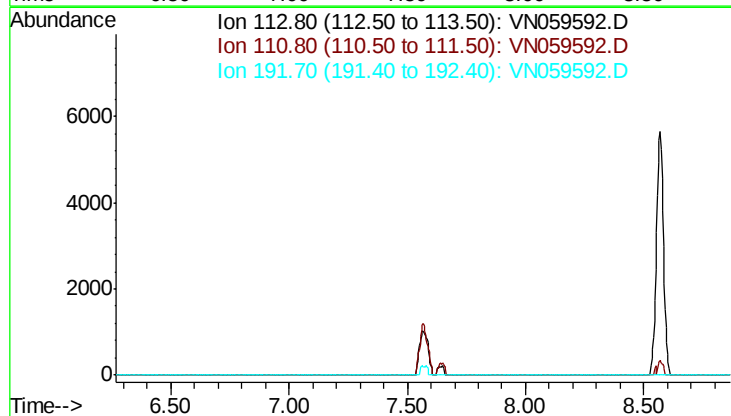
Concen: 0.000 ug/l

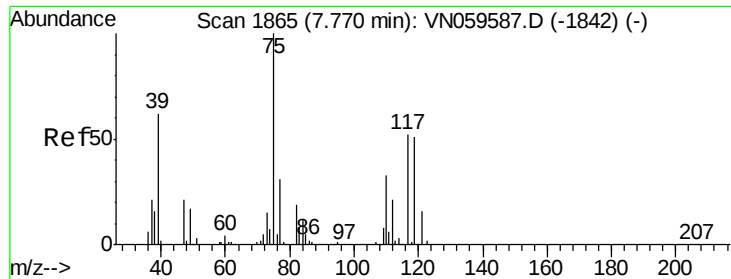
Expected RT: 7.57 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Tgt Ion	Exp Ratio
113	100
111	104.4
192	19.3





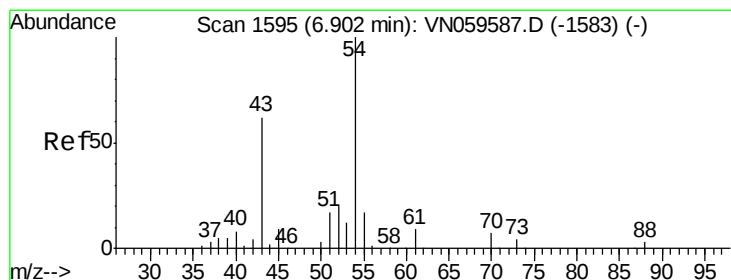
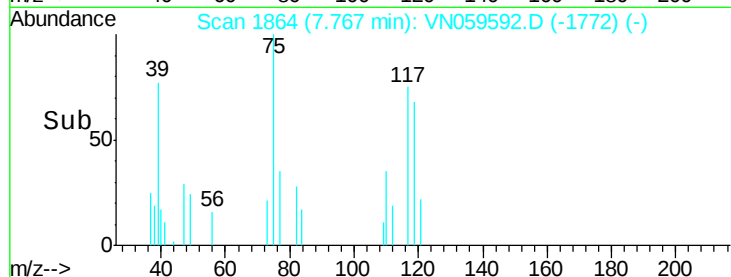
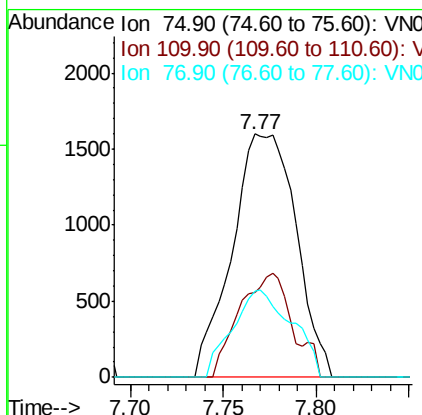
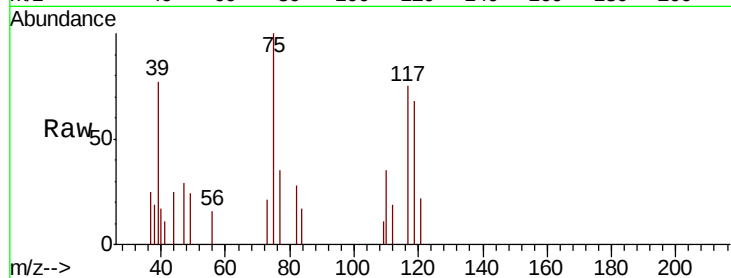
#36
 1,1-Dichloropropene
 Concen: 0.916 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.6	16.6	49.7
77	33.3	25.1	37.7

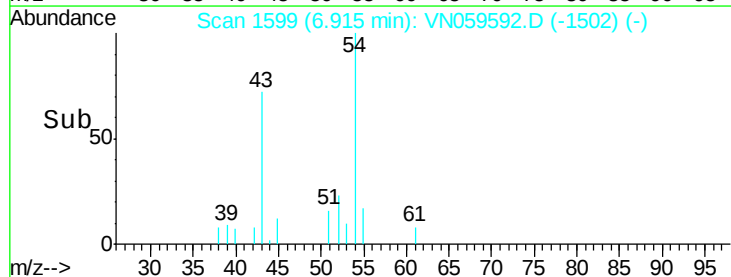
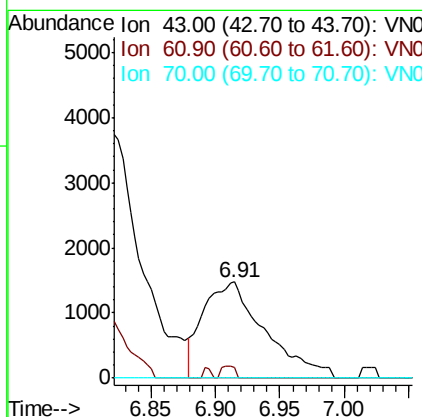
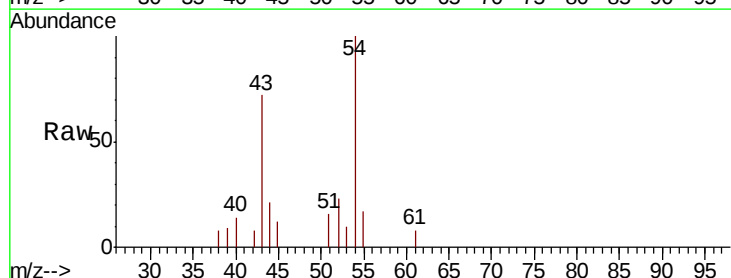
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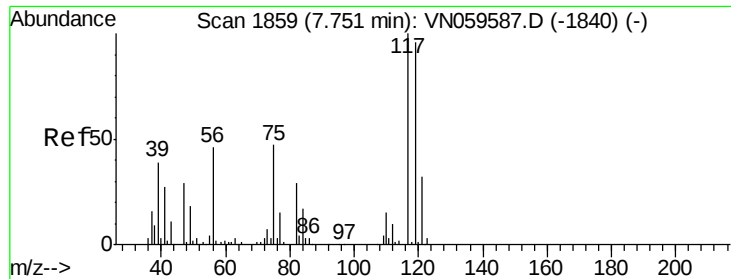
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#37
 Ethyl Acetate
 Concen: 1.125 ug/l
 RT: 6.91 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

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





#38

Carbon Tetrachloride

Concen: 1.050 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

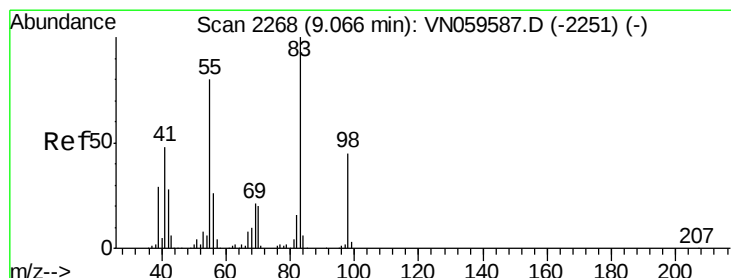
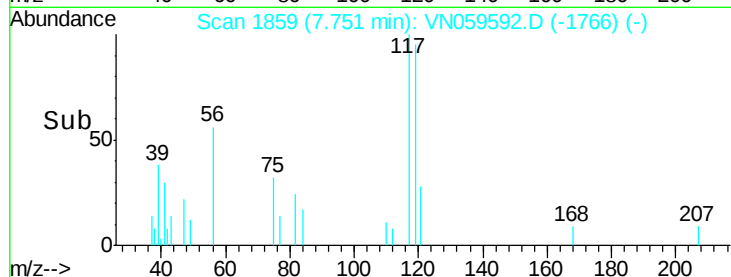
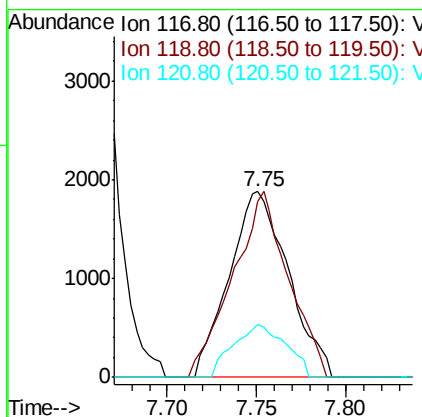
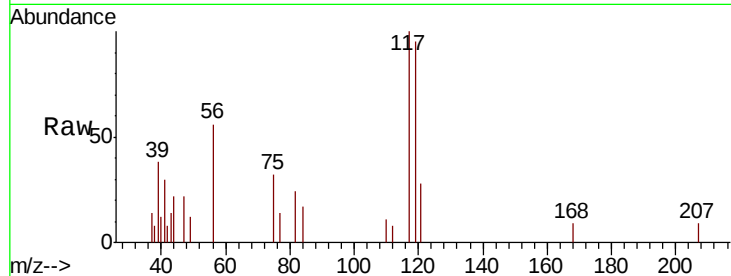
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	4345
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.5	114.7
121	28.4	25.1	37.7

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#39

Methylcyclohexane

Concen: 0.934 ug/l

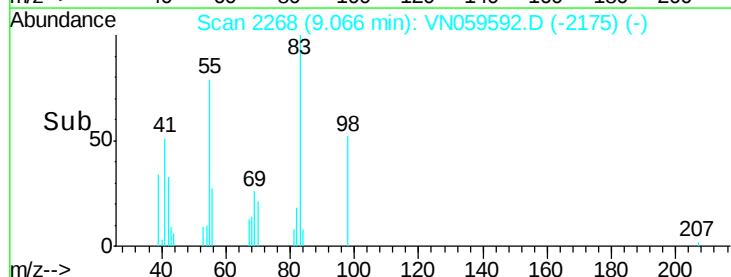
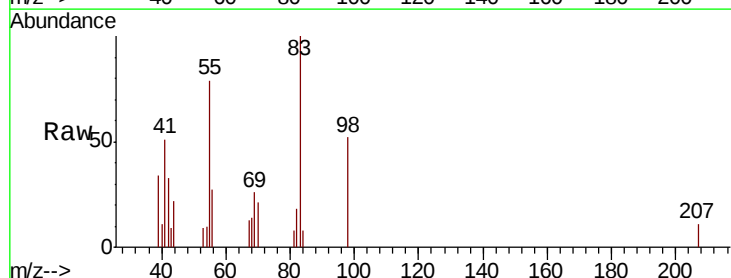
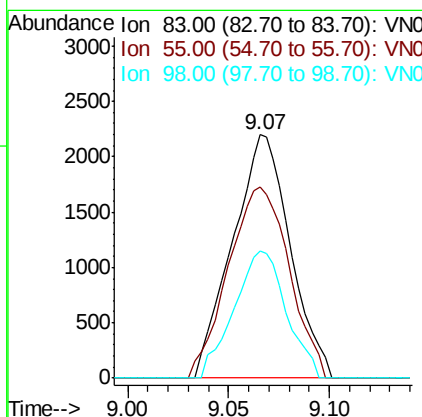
RT: 9.07 min Scan# 2268

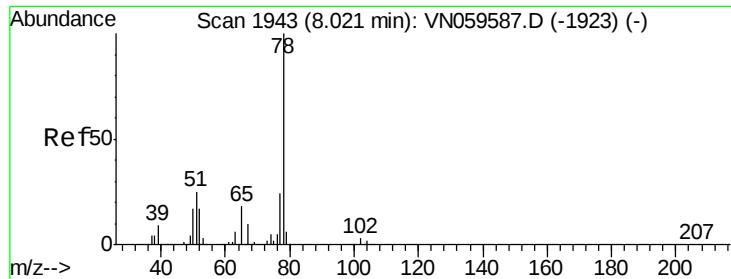
Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Tgt Ion:	83	Resp:	4378
Ion	Ratio	Lower	Upper
83	100		
55	78.7	64.2	96.2
98	52.2	35.9	53.9





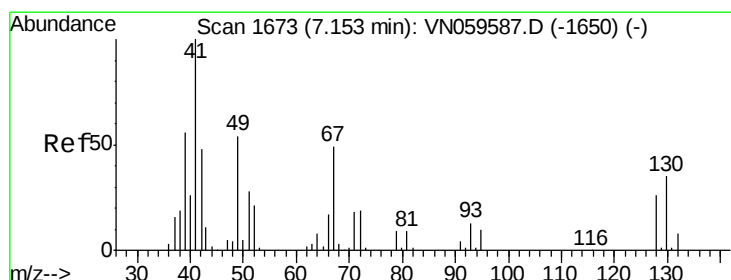
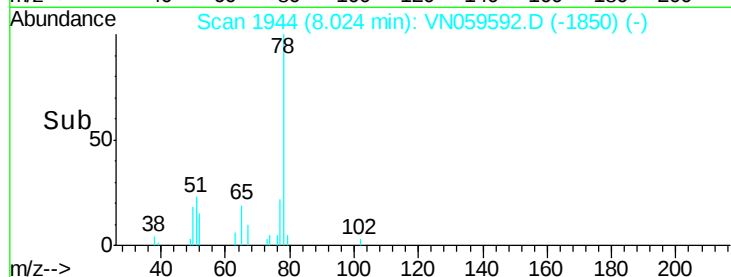
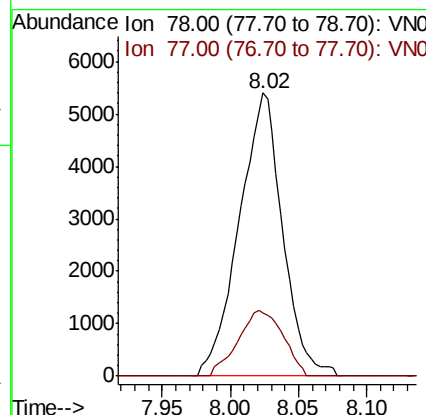
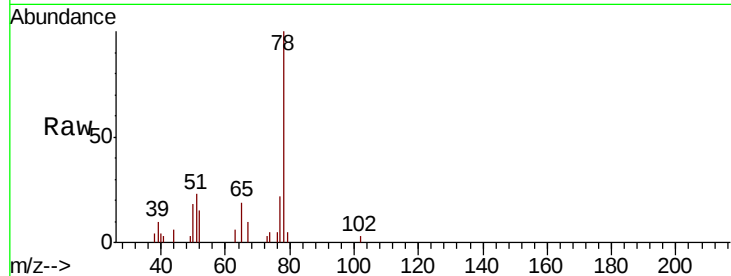
#40
Benzene
Concen: 0.994 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.9	28.3

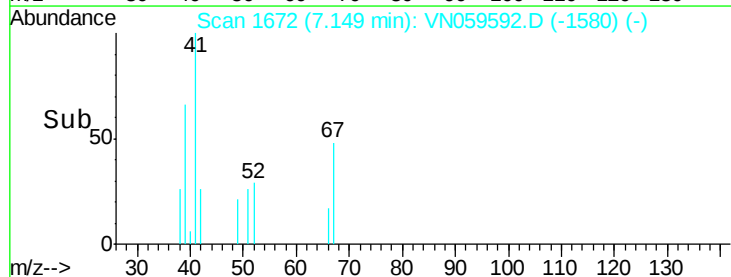
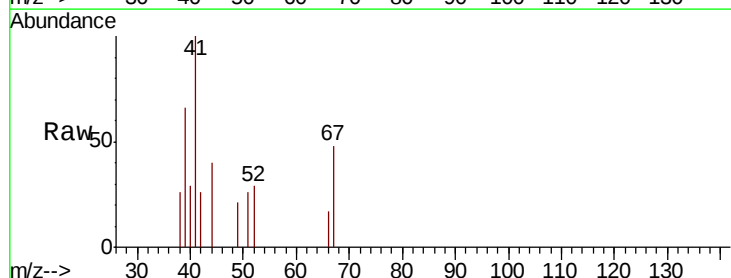
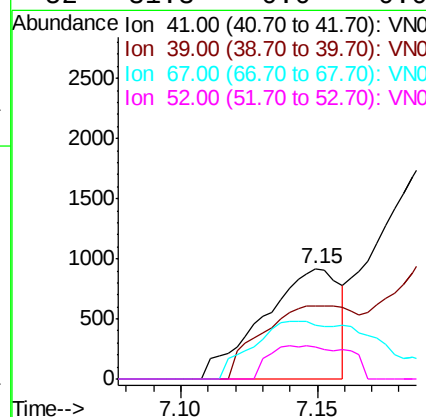
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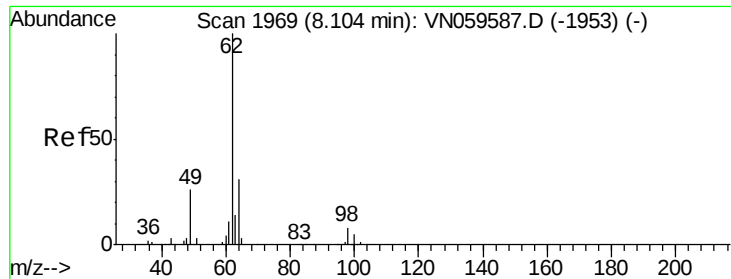
apatel
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#41
Methacrylonitrile
Concen: 0.891 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.2	0.0	0.0#
67	47.6	0.0	0.0#
52	31.3	0.0	0.0#





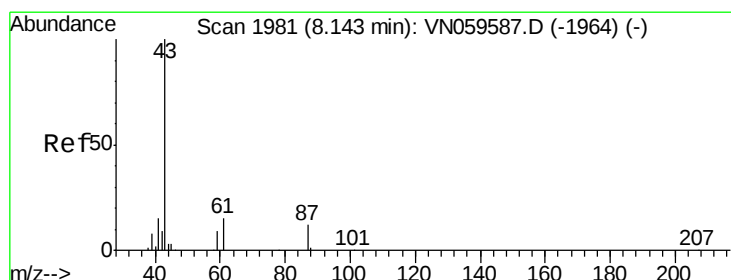
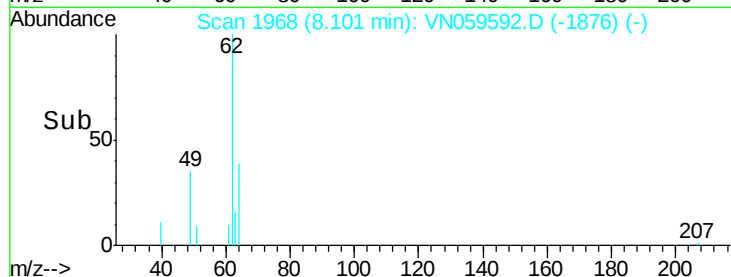
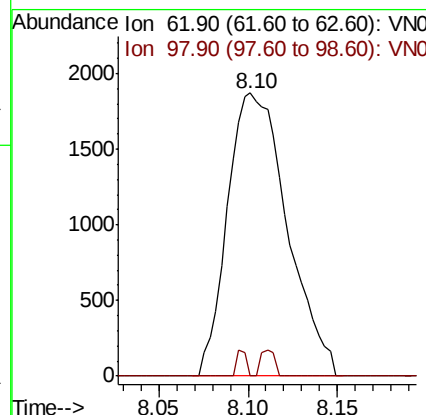
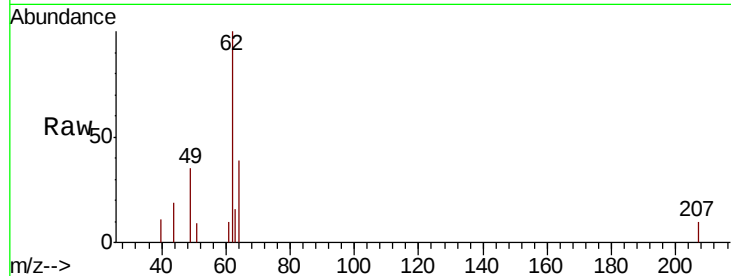
#42
 1,2-Dichloroethane
 Concen: 0.975 ug/l
 RT: 8.10 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	1.4	0.0	15.8

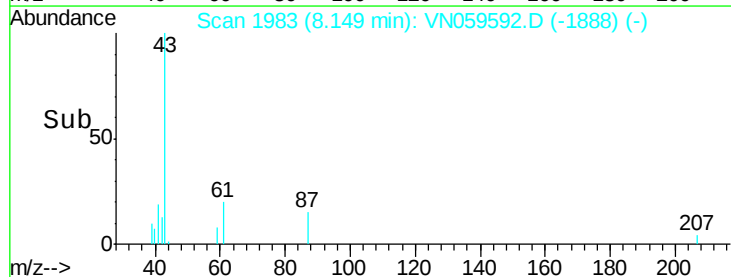
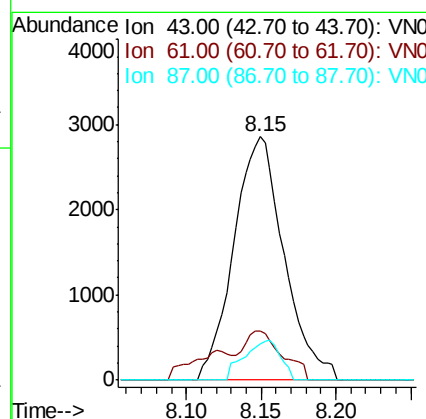
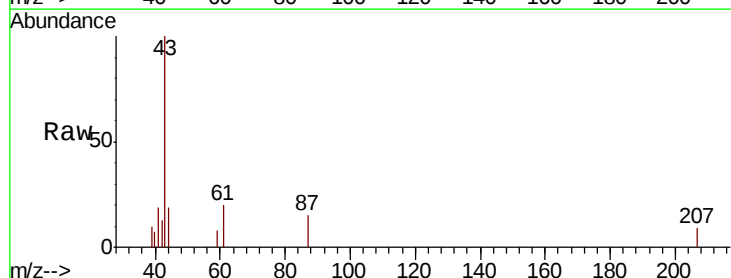
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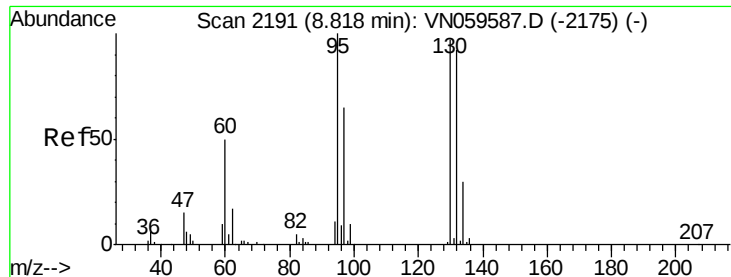
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#43
 Isopropyl Acetate
 Concen: 0.922 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.1	20.2	30.2#
87	11.7	9.5	14.3





#44

Trichloroethene

Concen: 1.075 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3264

Ion Ratio Lower Upper

130 100

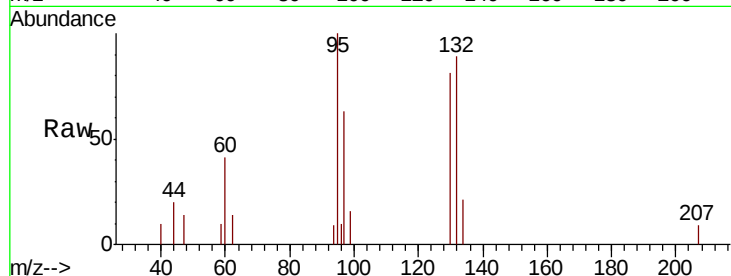
95 123.4 0.0 207.0

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO

2000

1500

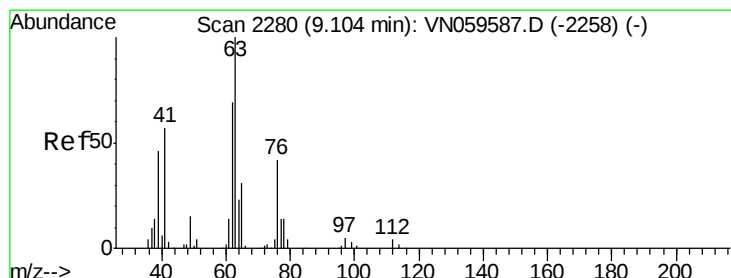
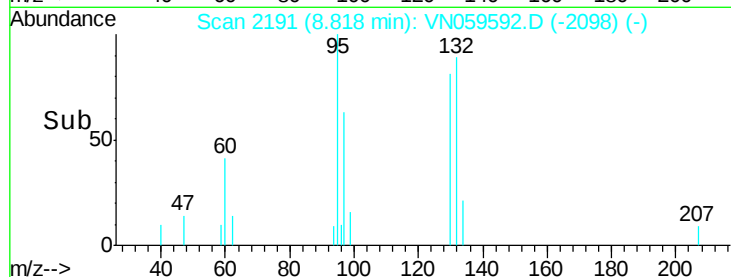
1000

500

0

8.75 8.80 8.85

Time-->



#45

1,2-Dichloropropane

Concen: 1.044 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059592.D

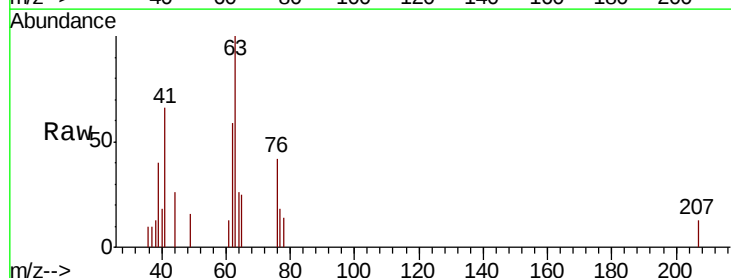
Acq: 13 Dec 2019 18:34

Tgt Ion: 63 Resp: 3311

Ion Ratio Lower Upper

63 100

65 24.6 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

1500

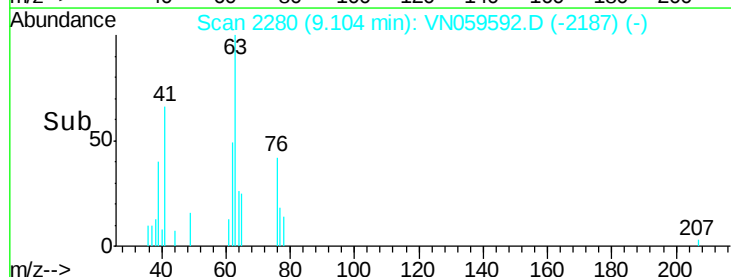
1000

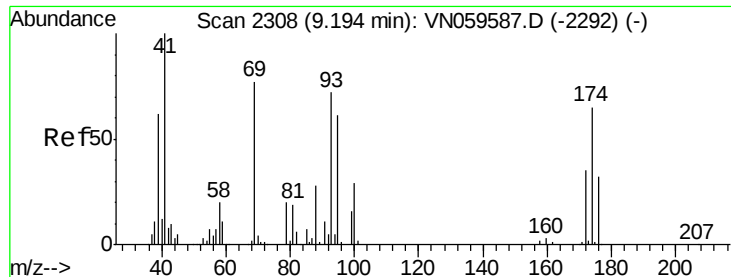
500

0

9.05 9.10 9.15

Time-->





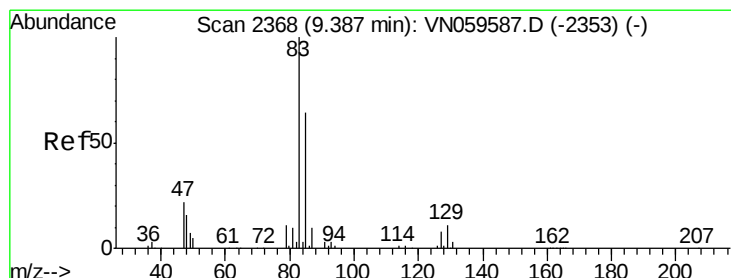
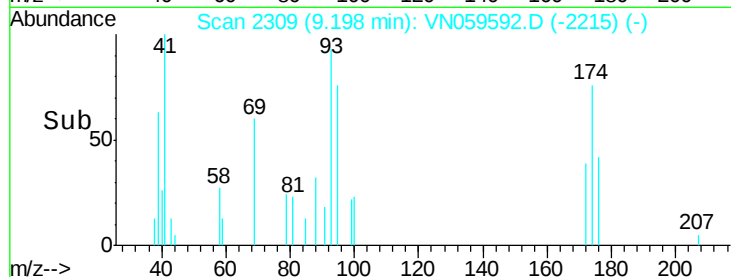
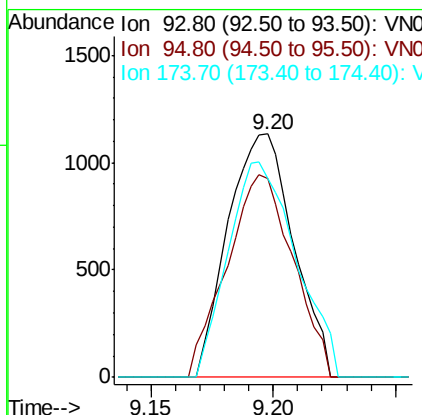
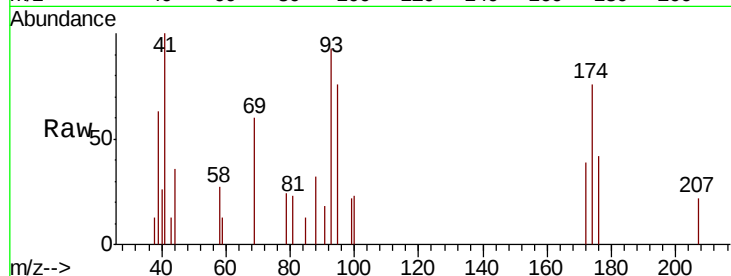
#46
Dibromomethane
Concen: 1.005 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 2113
Ion Ratio Lower Upper
93 100
95 84.1 67.0 100.6
174 91.7 73.4 110.2

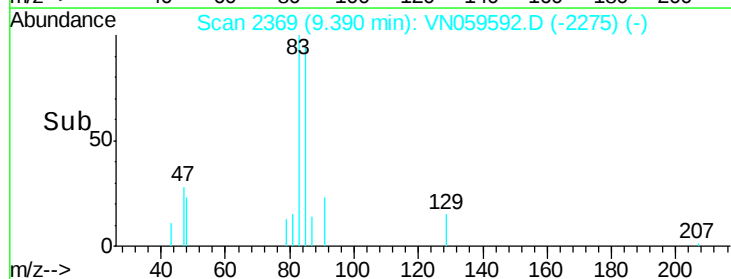
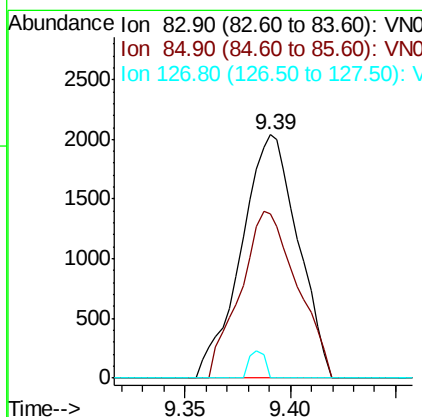
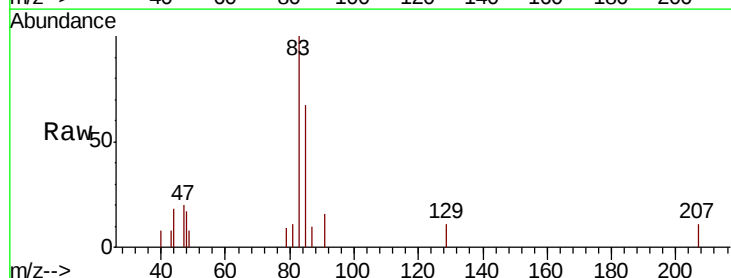
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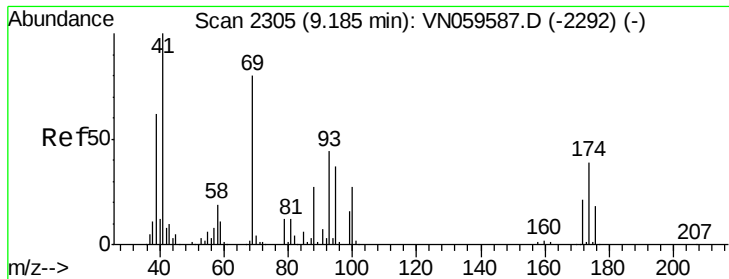
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#47
Bromodichloromethane
Concen: 0.912 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Tgt Ion: 83 Resp: 3802
Ion Ratio Lower Upper
83 100
85 67.3 51.1 76.7
127 0.0 6.6 9.8#





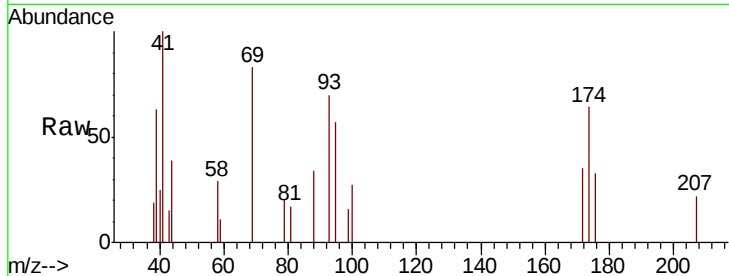
#48
Methvl methacrylate
Concen: 0.966 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

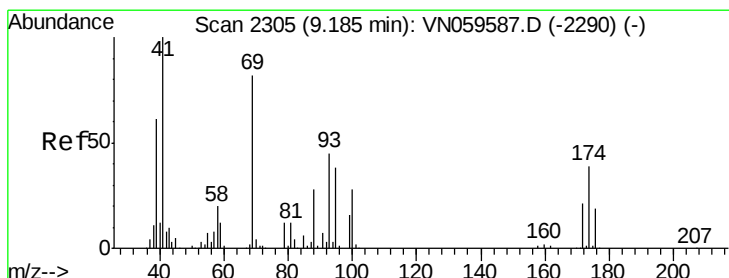
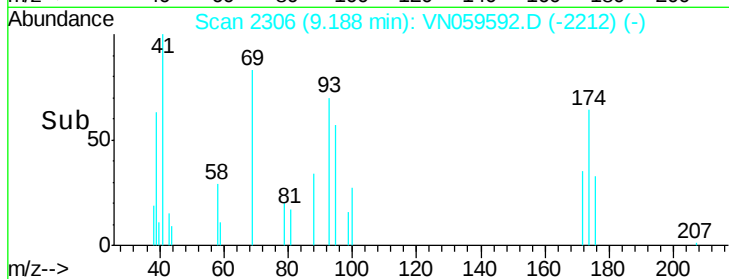
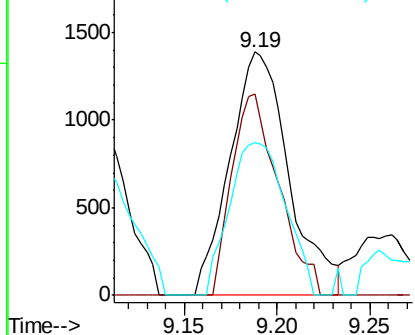
Tot Ion	Ratio	Lower	Upper
41	100		
69	65.5	64.4	96.6
39	59.8	51.3	76.9

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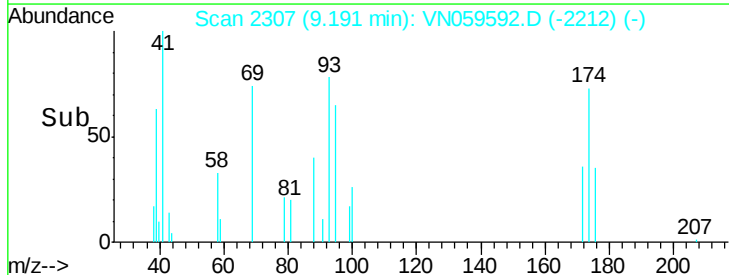
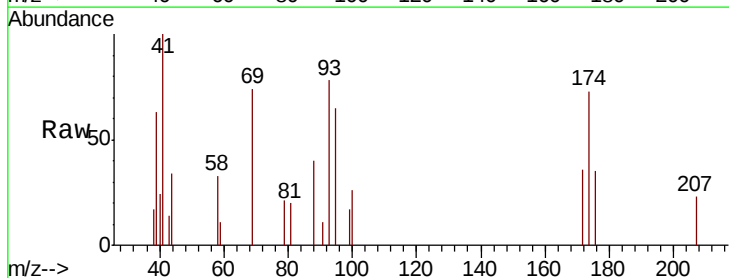
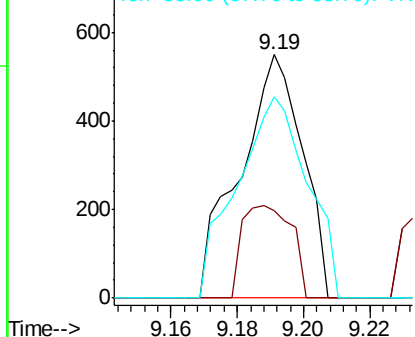
Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

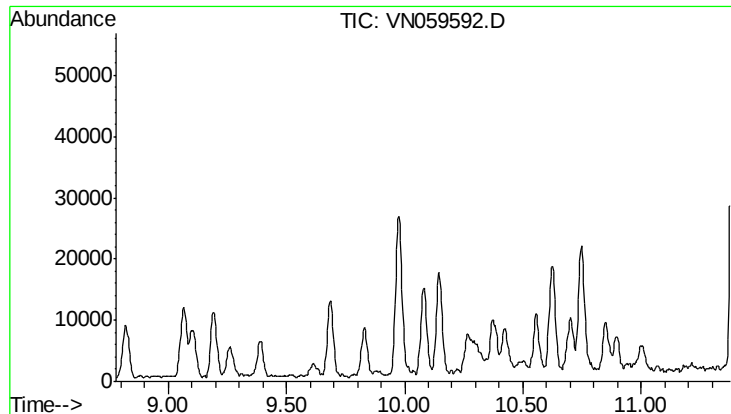


#49
1,4-Dioxane
Concen: 16.885 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.01 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.2	29.7	44.5
58	93.2	56.6	85.0#

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





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

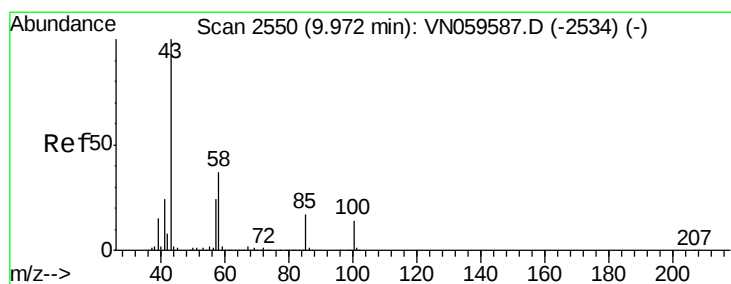
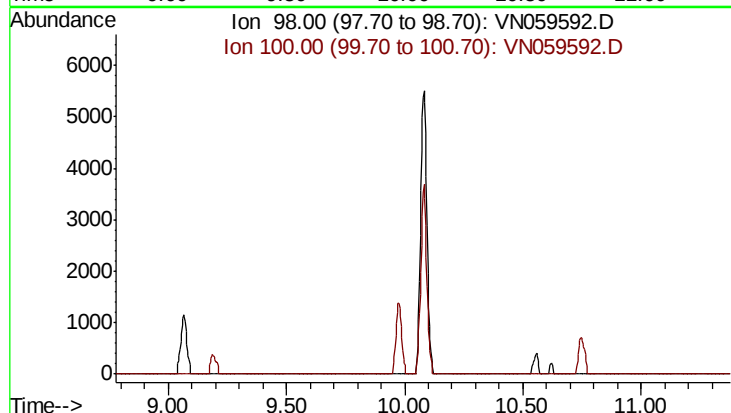
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.0

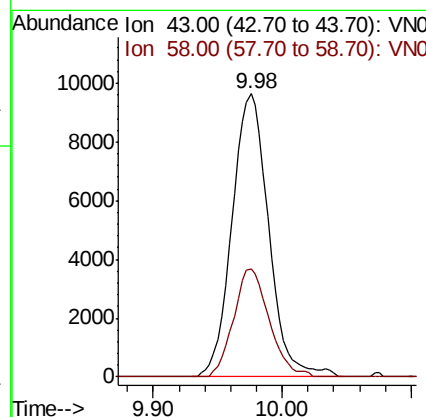
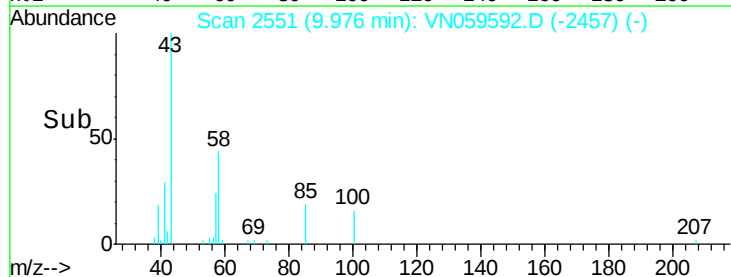
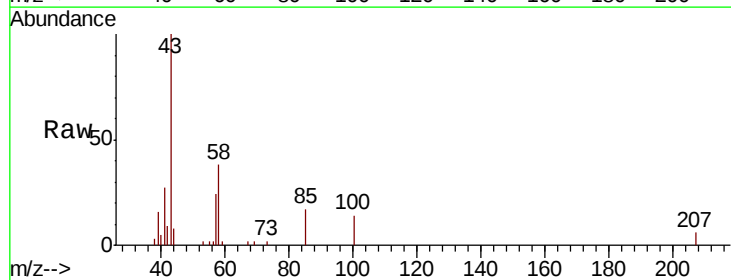
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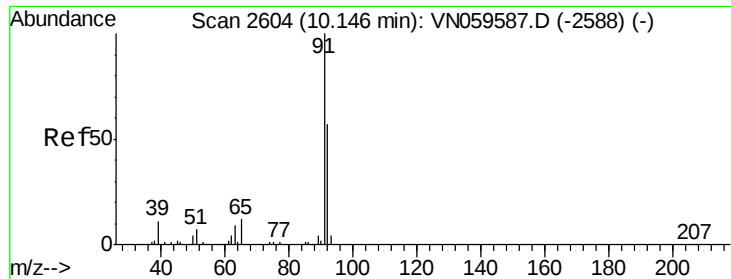
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#51
4-Methyl-2-Pentanone
Concen: 4.512 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Tgt Ion: 43 Resp: 19022
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.8





#52

Toluene

Concen: 1.031 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 7373

Ion Ratio Lower Upper

92 100

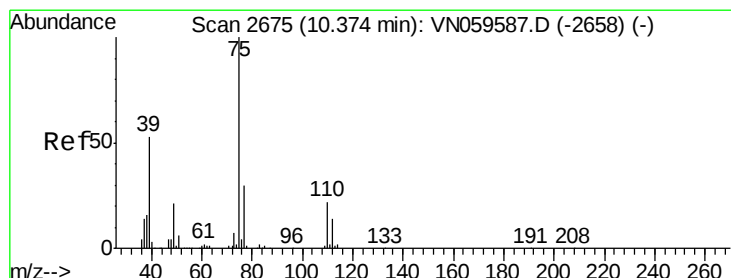
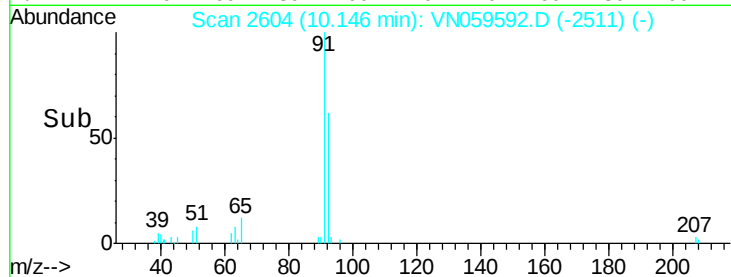
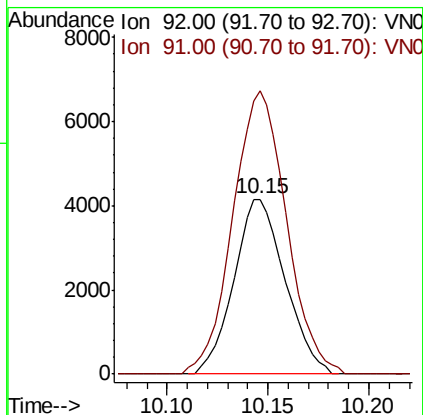
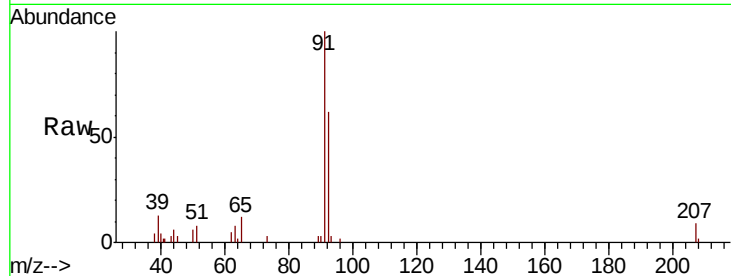
91 169.8 140.4 210.6

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#53

t-1,3-Dichloropropene

Concen: 0.910 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059592.D

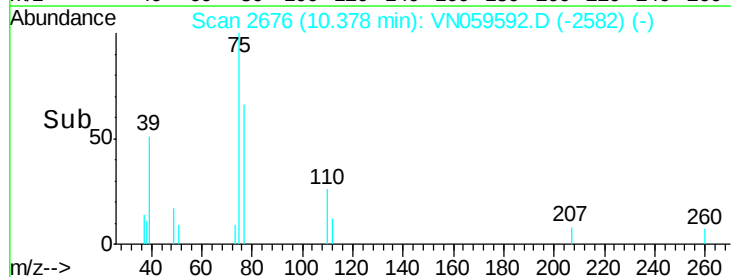
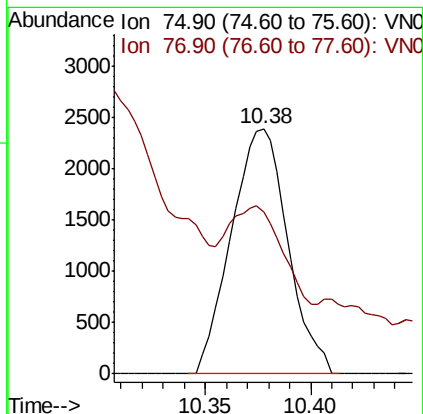
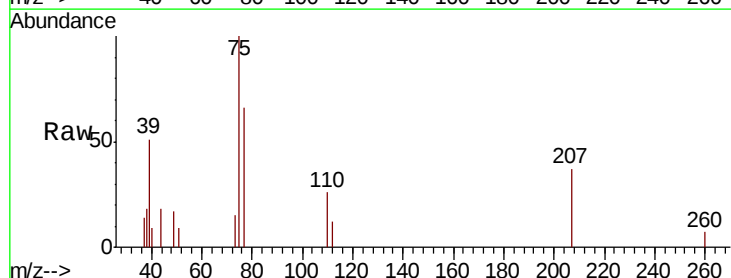
Acq: 13 Dec 2019 18:34

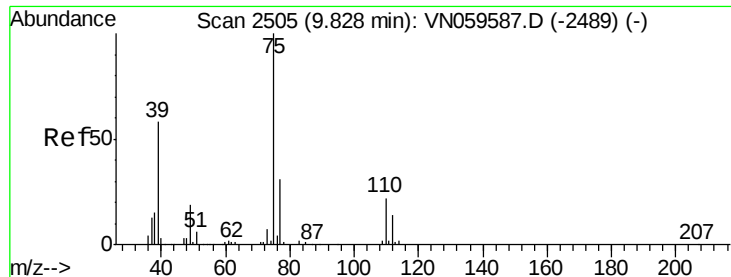
Tgt Ion: 75 Resp: 4428

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2





#54

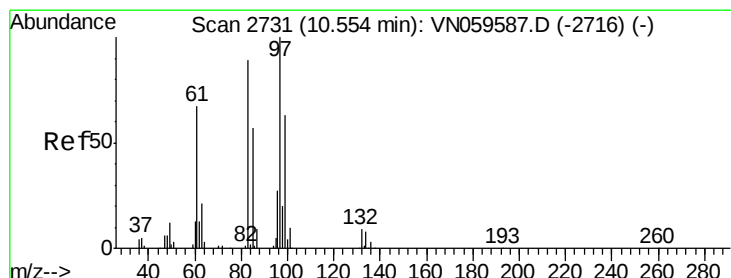
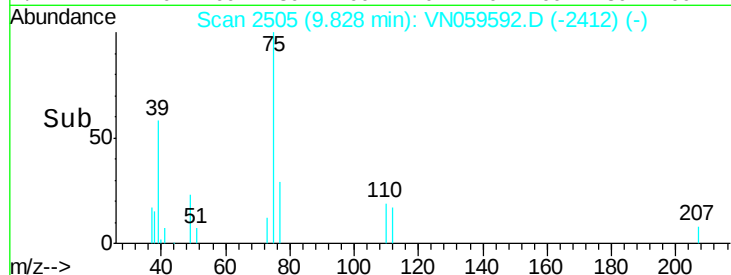
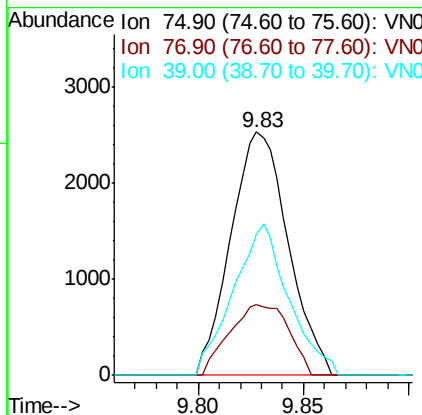
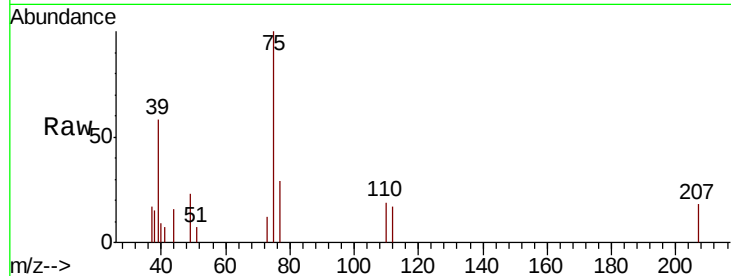
cis-1,3-Dichloropropene
Concen: 0.956 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.1	37.7
39	57.8	46.1	69.1

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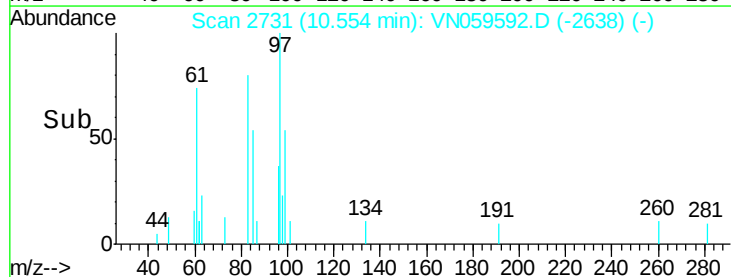
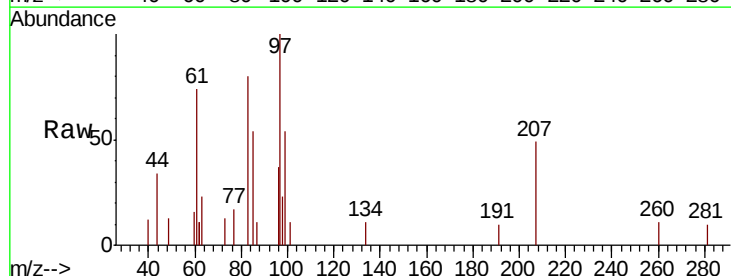
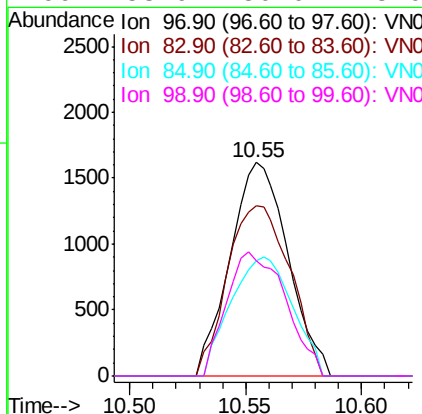
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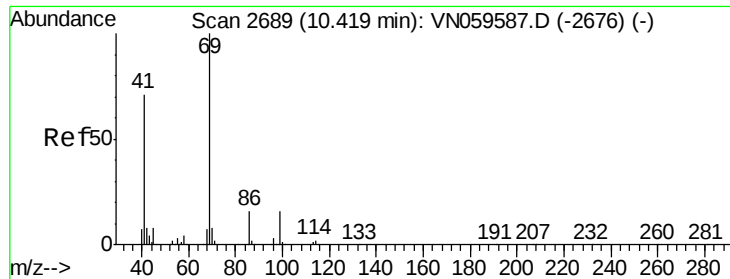


#55

1,1,2-Trichloroethane
Concen: 0.971 ug/l
RT: 10.55 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.8	71.3	106.9
85	54.0	45.8	68.8
99	53.9	50.0	75.0





#56

Ethyl methacrylate

Concen: 0.768 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

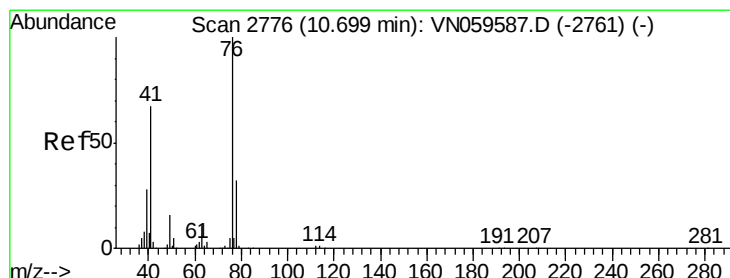
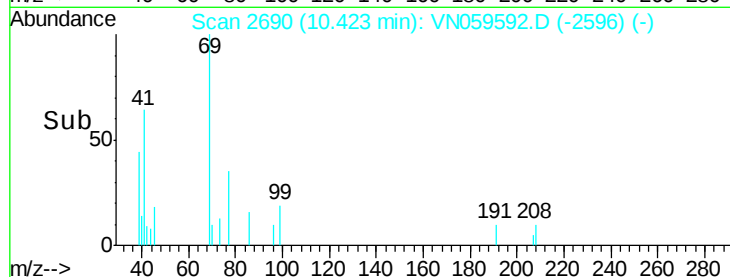
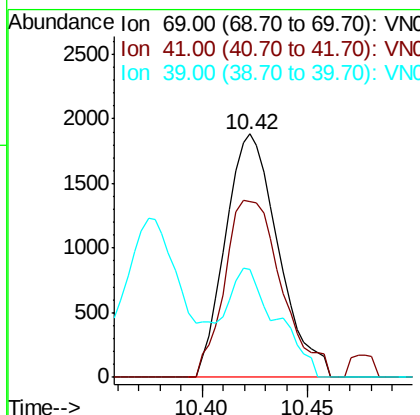
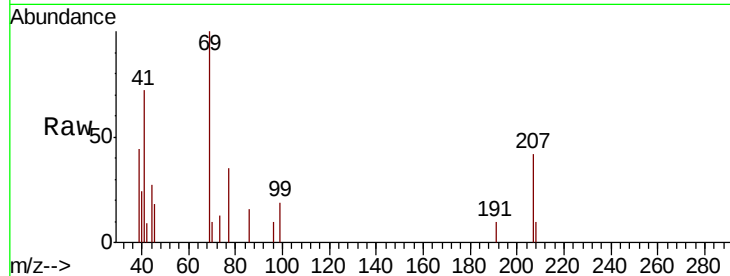
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	3281
Ion Ratio	Lower	Upper	
69	100		
41	78.1	57.1	85.7
39	41.5	34.7	52.1

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#57

1,3-Dichloropropane

Concen: 0.963 ug/l

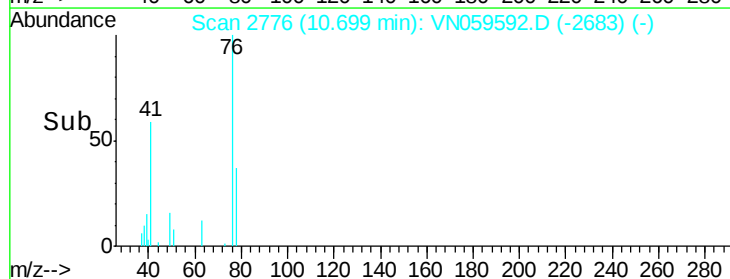
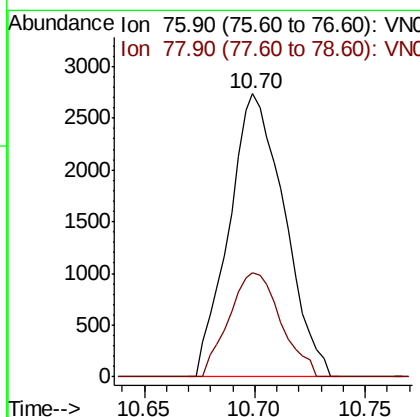
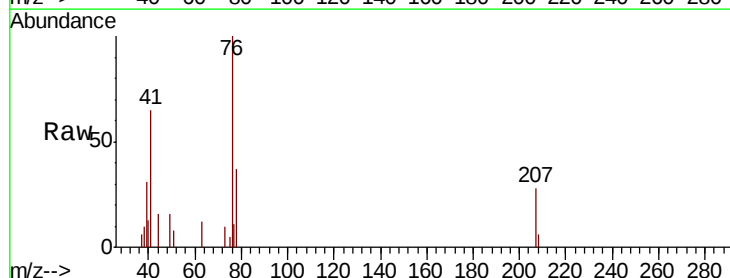
RT: 10.70 min Scan# 2776

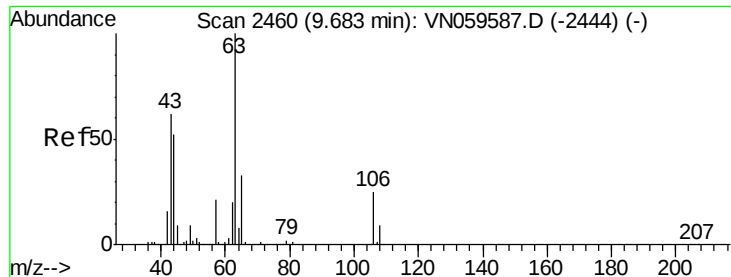
Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Tgt Ion:	76	Resp:	4761
Ion Ratio	Lower	Upper	
76	100		
78	34.6	25.8	38.8





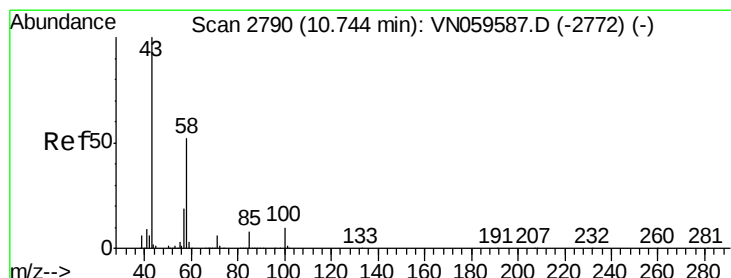
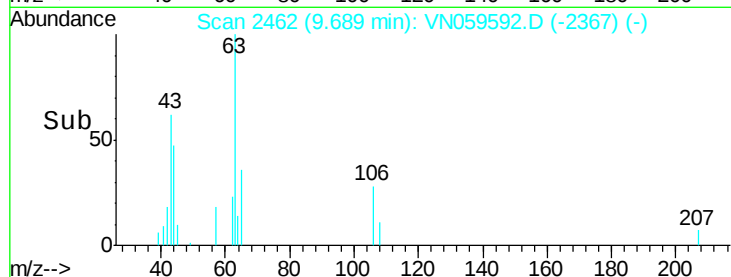
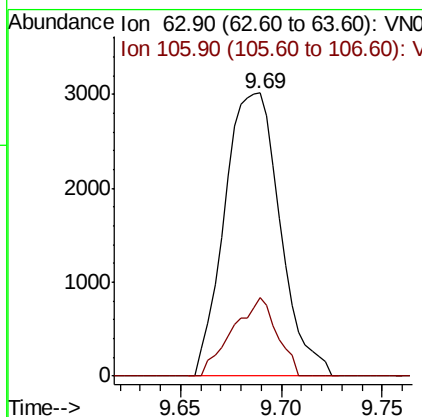
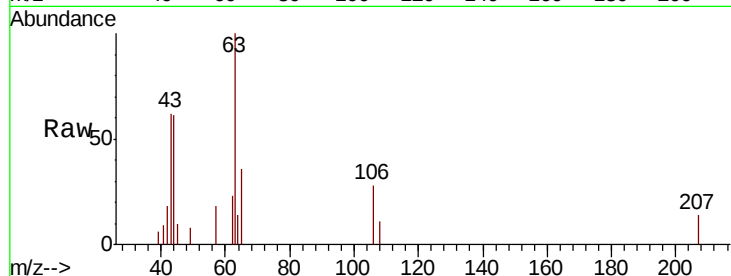
#58
2-Chloroethyl Vinyl ether
Concen: 4.285 ug/l
RT: 9.69 min Scan# 2462
Delta R.T. 0.01 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 5801
Ion Ratio Lower Upper
63 100
106 22.3 20.2 30.2

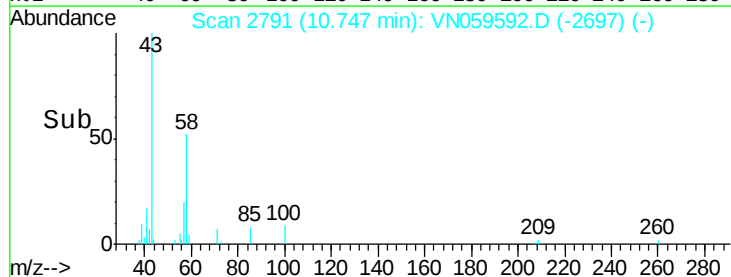
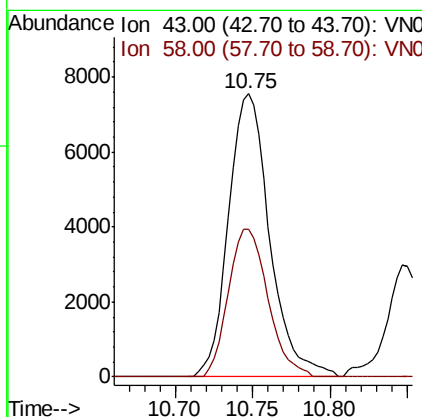
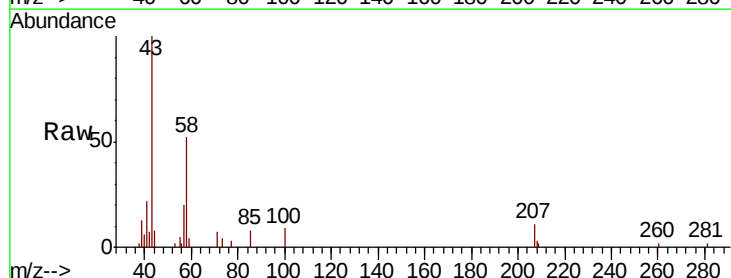
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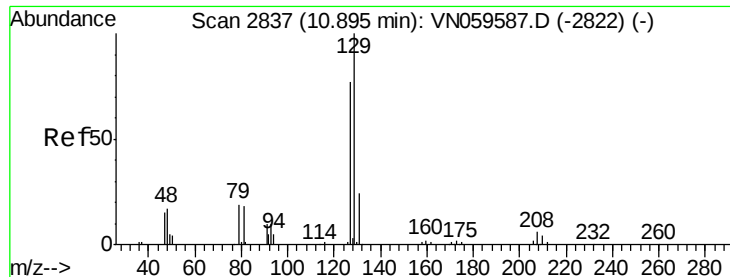
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#59
2-Hexanone
Concen: 4.360 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Tgt Ion: 43 Resp: 13932
Ion Ratio Lower Upper
43 100
58 50.2 25.8 77.3





#60

Dibromochloromethane

Concen: 0.903 ug/l

RT: 10.90 min Scan# 2837

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2832

Ion Ratio Lower Upper

129 100

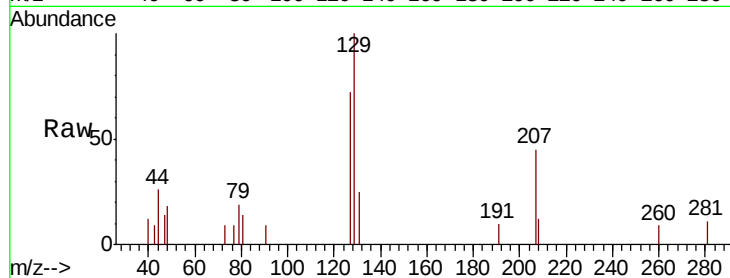
127 81.6 38.5 115.5

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.90

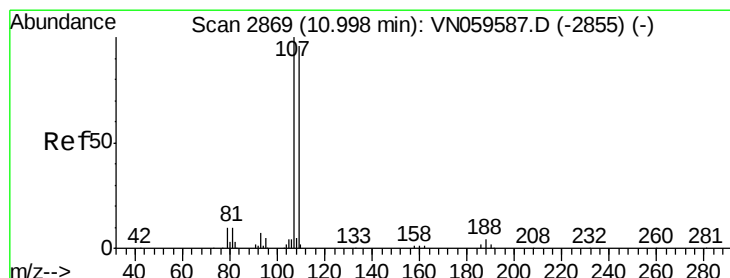
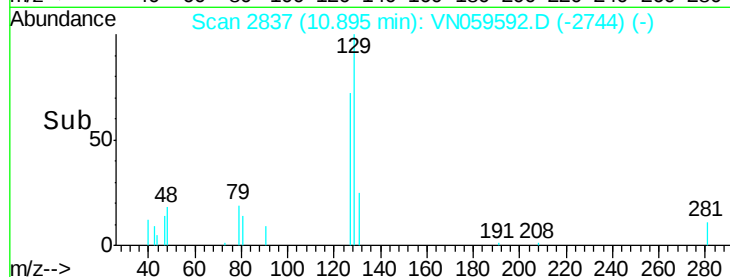
1500

1000

500

0

Time-->



#61

1,2-Dibromoethane

Concen: 1.042 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059592.D

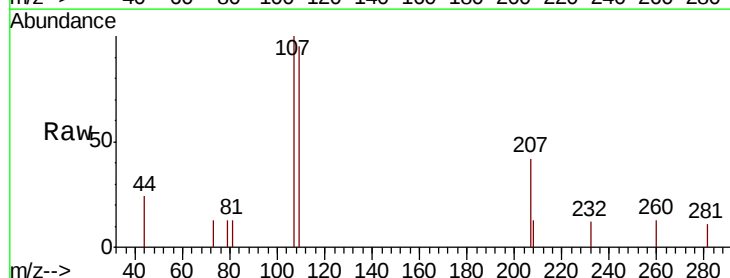
Acq: 13 Dec 2019 18:34

Tgt Ion:107 Resp: 3132

Ion Ratio Lower Upper

107 100

109 86.5 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

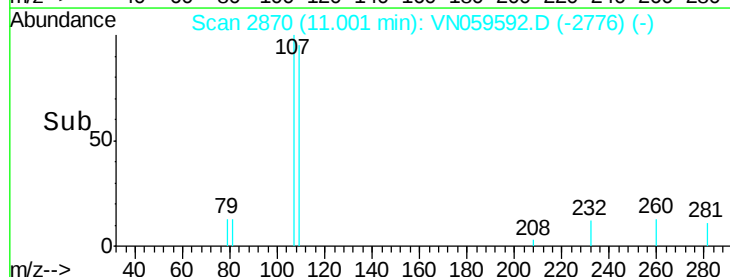
1500

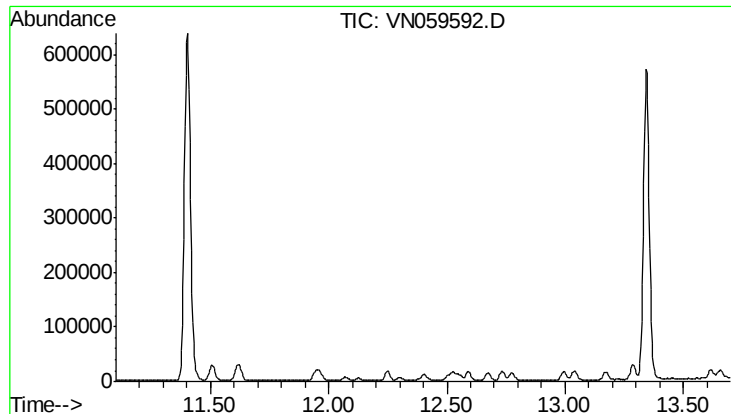
1000

500

0

Time-->





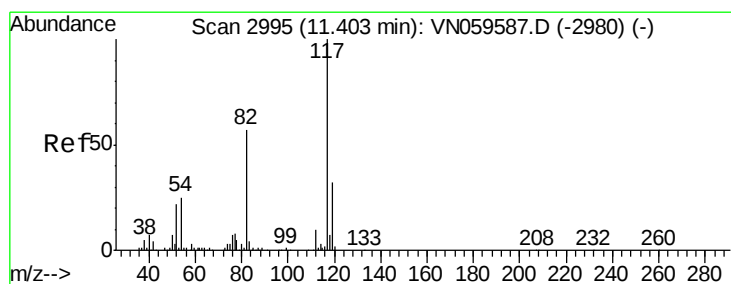
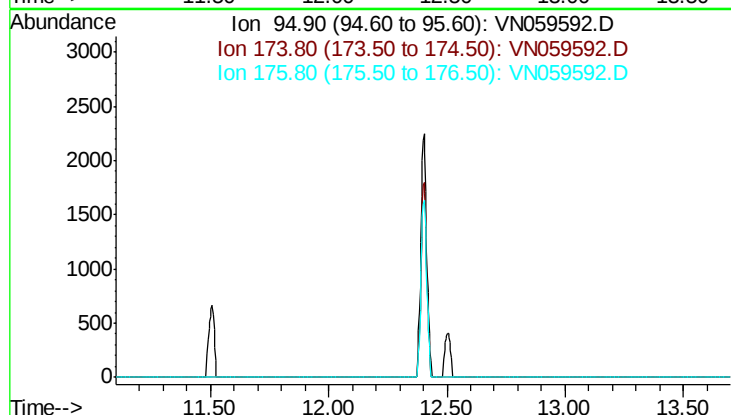
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.40 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

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

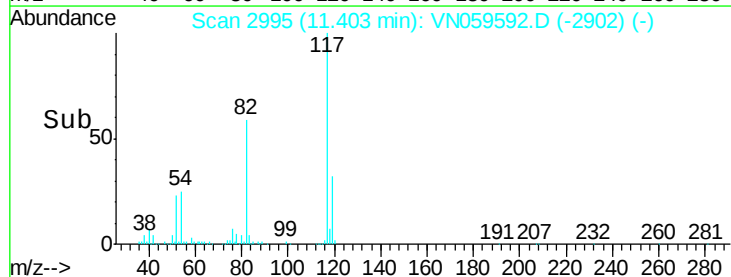
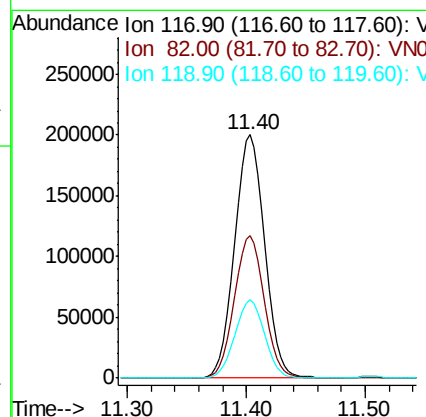
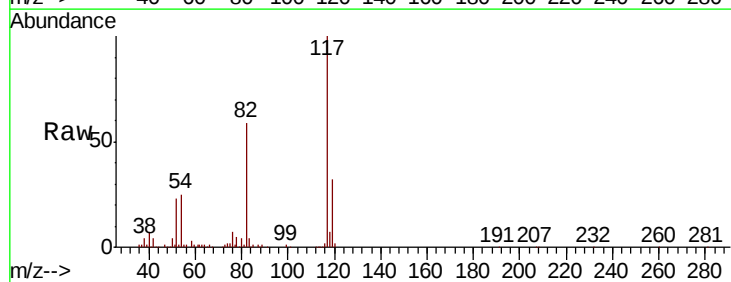
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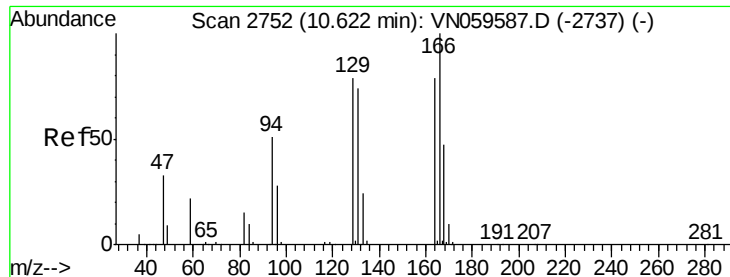
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2995
 Delta R.T. 0.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Tgt Ion	117	Resp	350704
Ion Ratio	Lower	Upper	
117	100		
82	58.6	45.9	68.9
119	32.1	25.5	38.3





#64

Tetrachloroethene

Concen: 1.321 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 3595

Ion Ratio Lower Upper

164 100

166 130.3 101.4 152.0

129 95.5 80.2 120.4

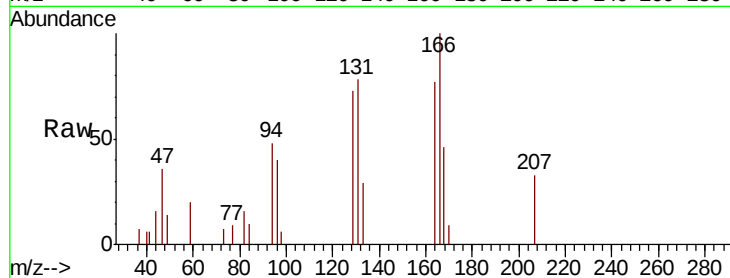
131 101.6 75.0 112.4

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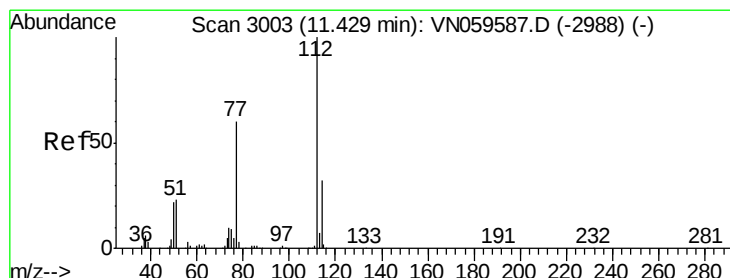
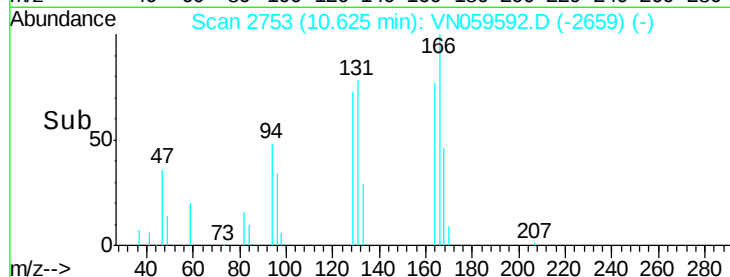
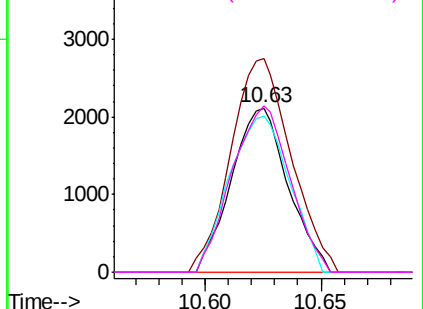
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.991 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. 0.00 min

Lab File: VN059592.D

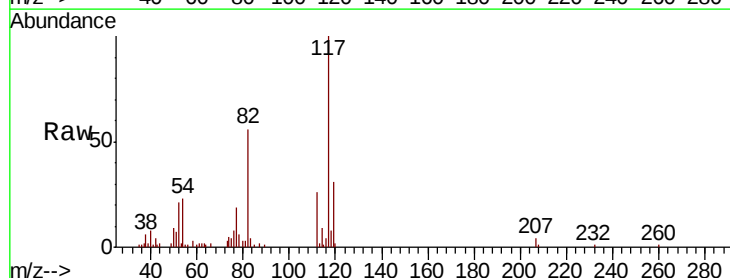
Acq: 13 Dec 2019 18:34

Tgt Ion:112 Resp: 7423

Ion Ratio Lower Upper

112 100

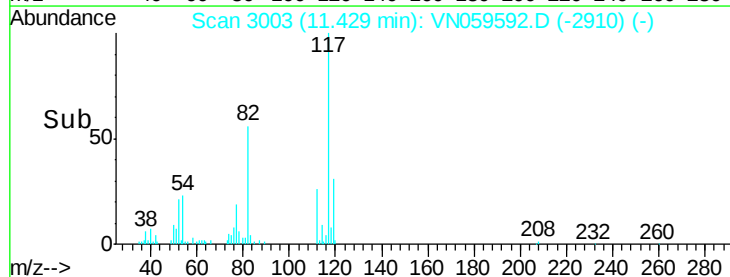
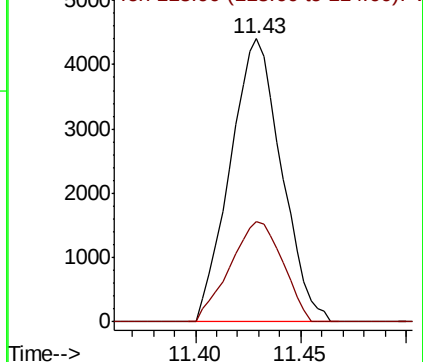
114 35.6 25.8 38.8

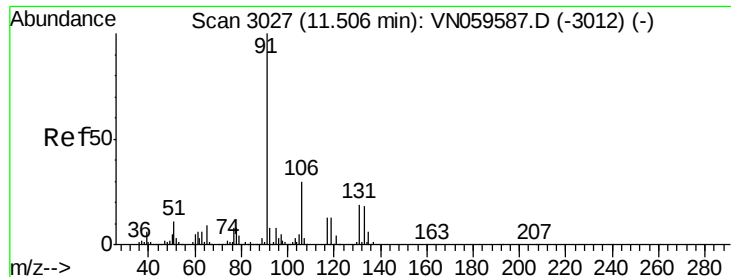


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.993 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

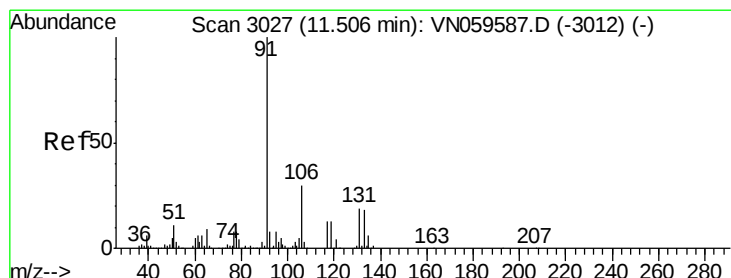
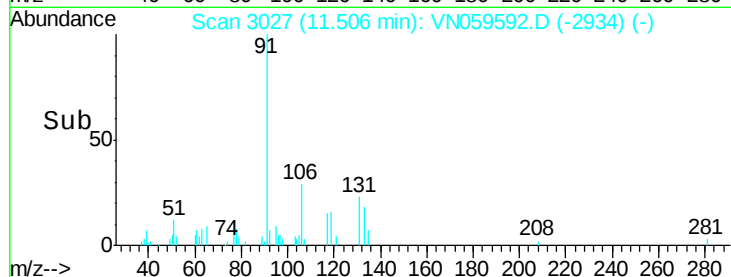
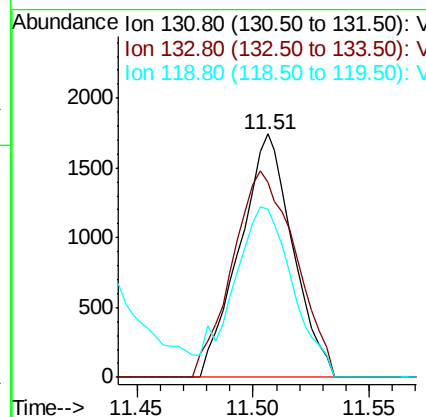
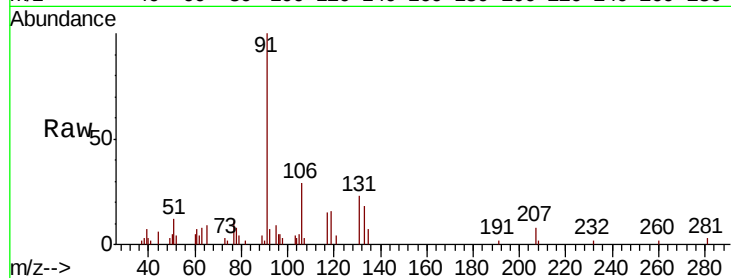
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	100.8	47.4	142.2
119	0.0	33.1	99.3#

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#67

Ethyl Benzene

Concen: 0.978 ug/l

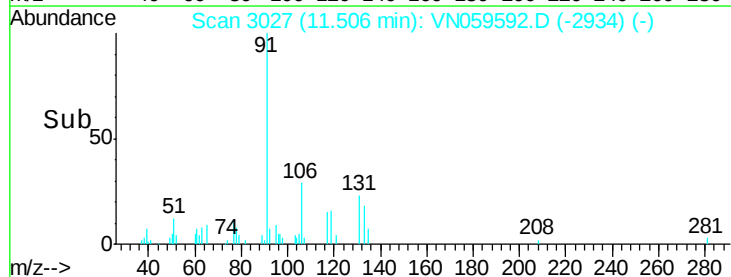
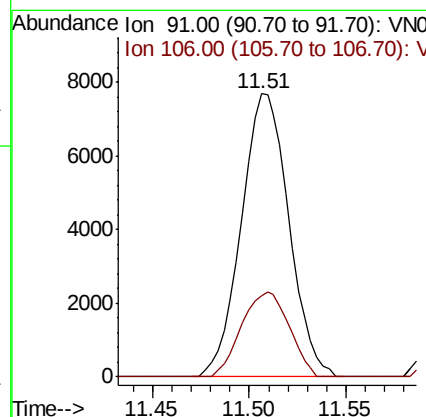
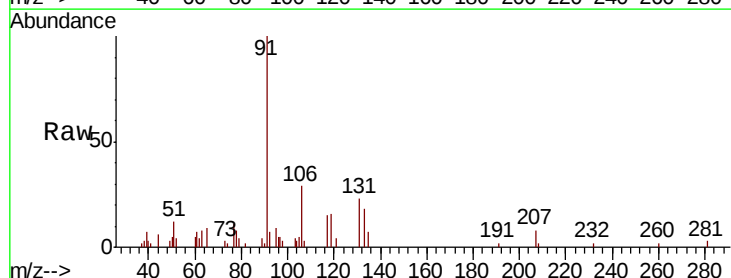
RT: 11.51 min Scan# 3027

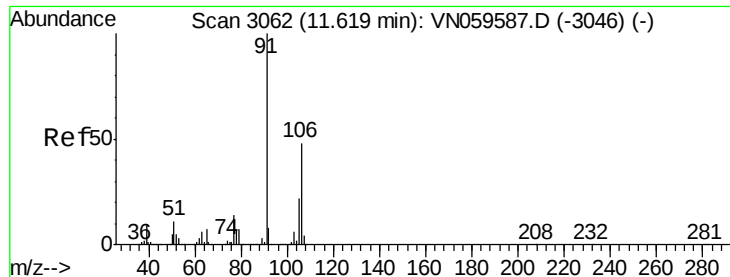
Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.6	24.1	36.1





#68

m/p-Xylenes

Concen: 1.867 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 9304

Ion Ratio Lower Upper

106 100

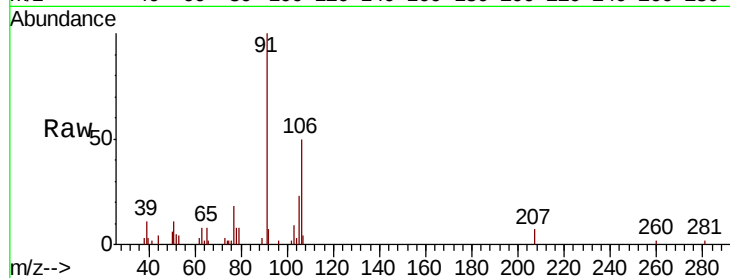
91 204.1 167.9 251.9

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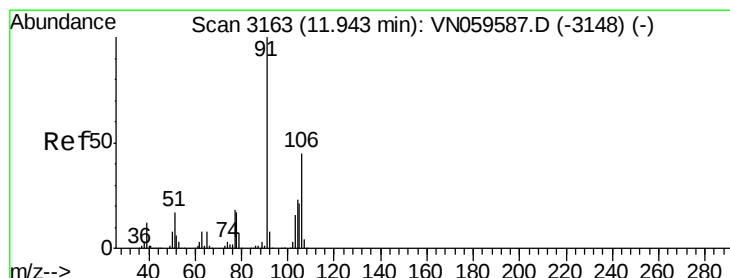
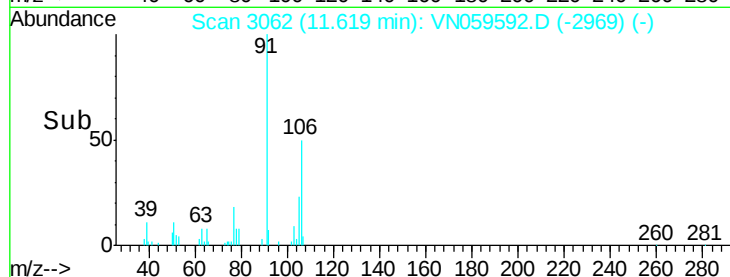
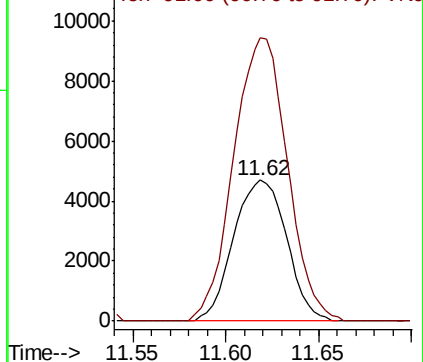
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.936 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN059592.D

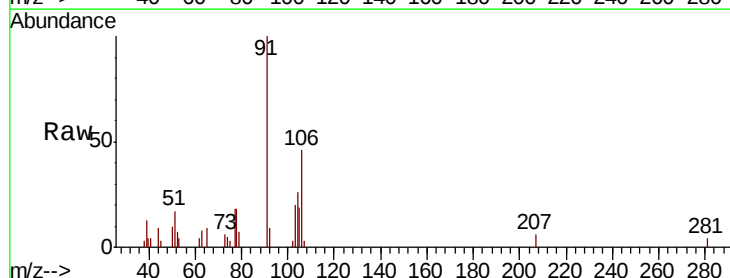
Acq: 13 Dec 2019 18:34

Tgt Ion:106 Resp: 4357

Ion Ratio Lower Upper

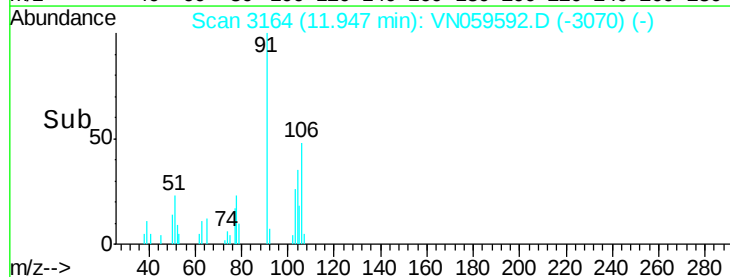
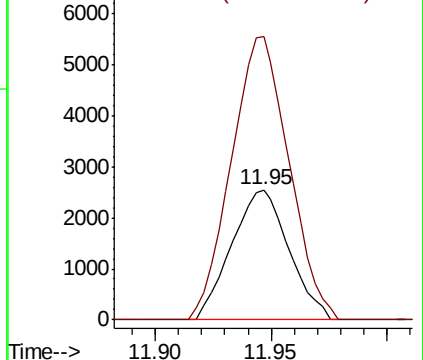
106 100

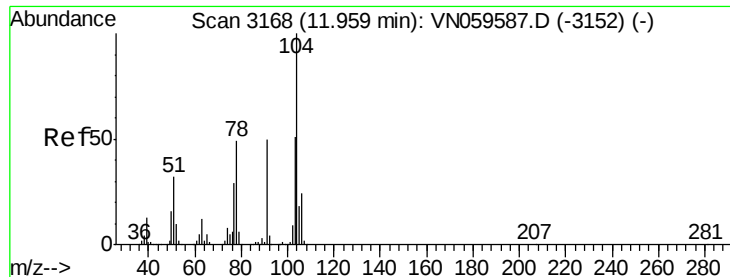
91 219.7 110.3 330.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#70

Stvrene

Concen: 0.875 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

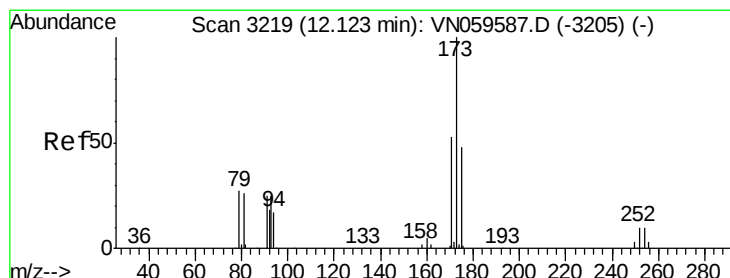
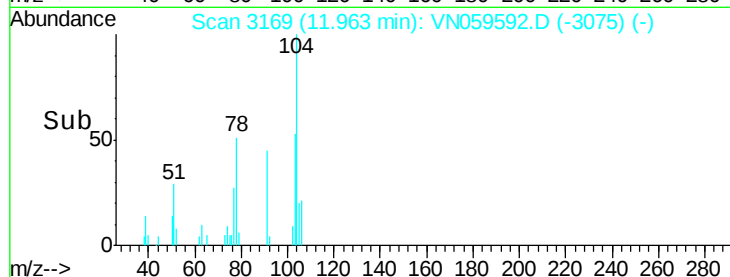
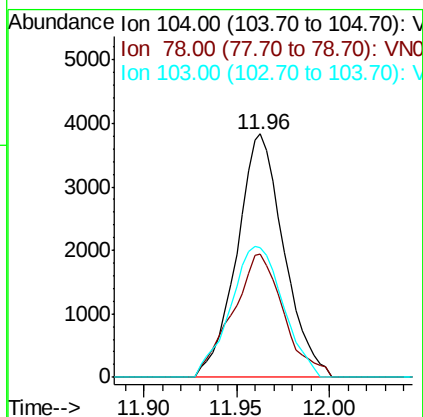
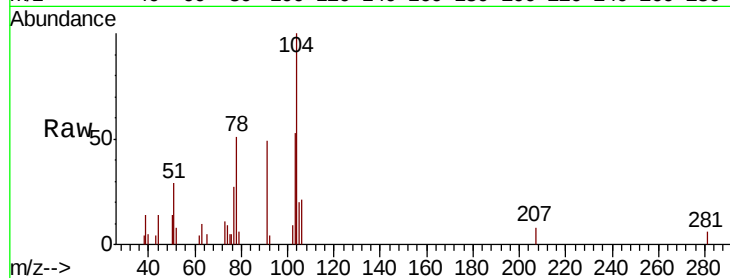
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	6741
Ion Ratio	Lower	Upper	
104	100		
78	55.1	42.4	63.6
103	60.2	43.9	65.9

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#71

Bromoform

Concen: 0.795 ug/l

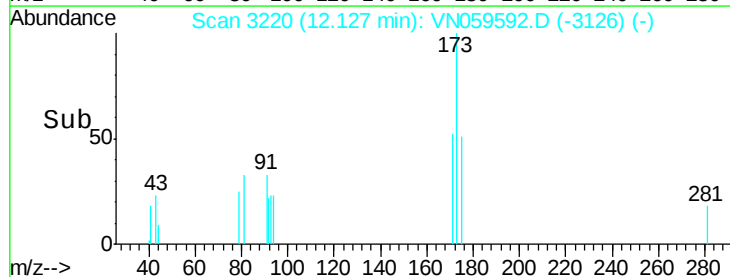
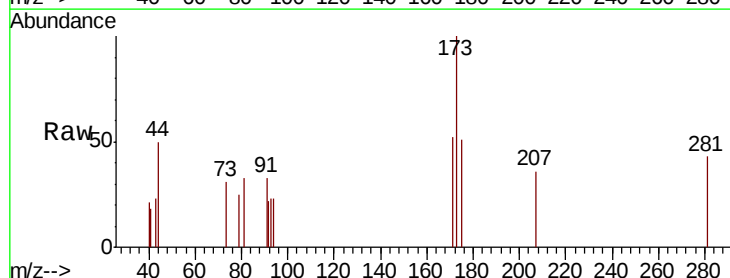
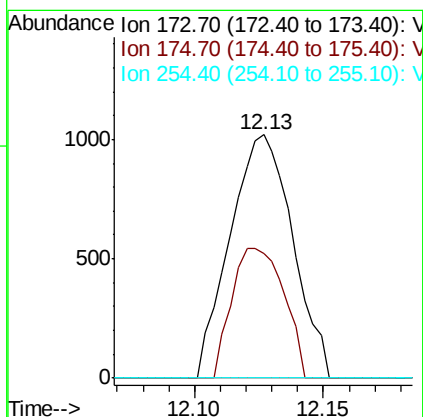
RT: 12.13 min Scan# 3220

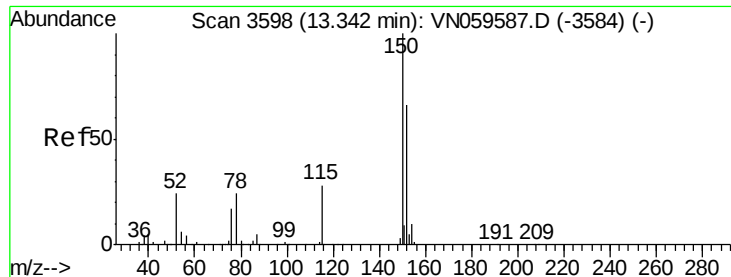
Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Tgt Ion:	173	Resp:	1725
Ion Ratio	Lower	Upper	
173	100		
175	44.6	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# 3598

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

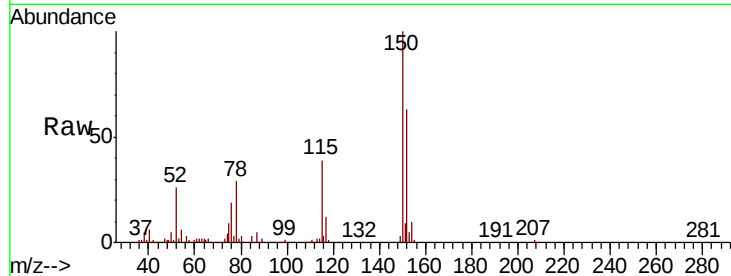
ClientSampleId :

VSTDIC001

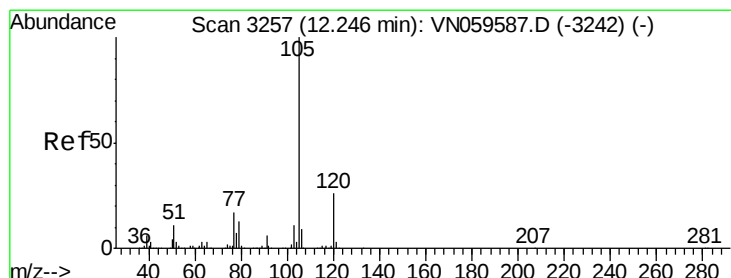
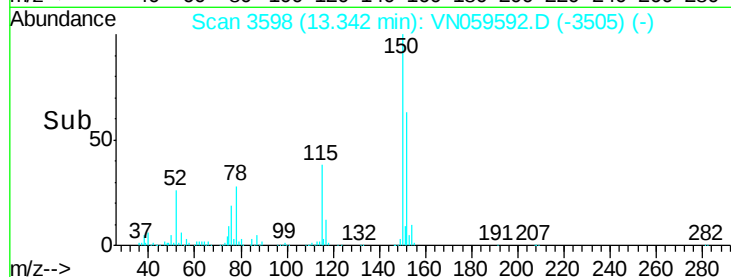
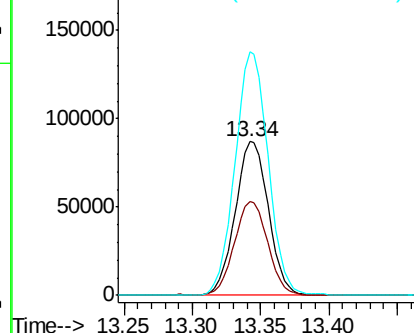
Tot Ion:	152	Resp:	147265
Ion Ratio	Lower	Upper	
152	100		
115	61.6	30.3	90.9
150	158.5	0.0	345.2

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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: 0.990 ug/l

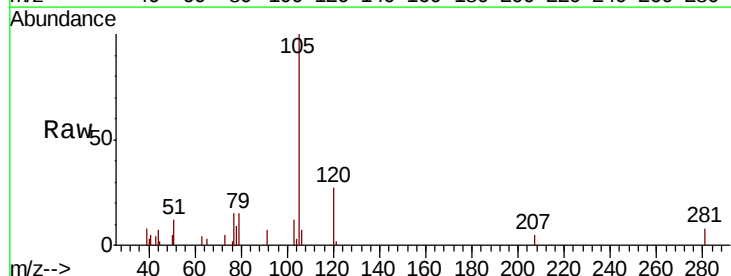
RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

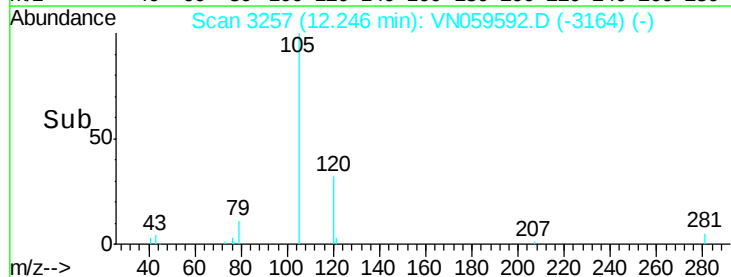
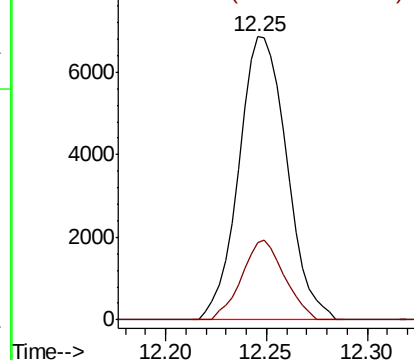
Lab File: VN059592.D

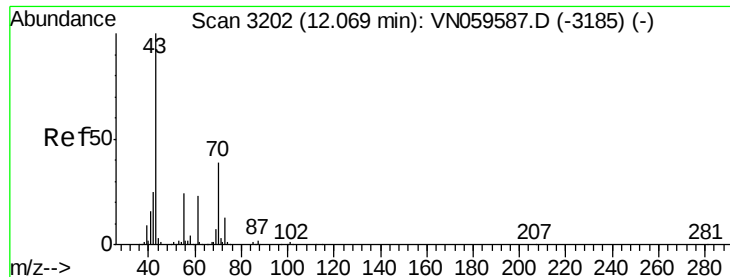
Acq: 13 Dec 2019 18:34

Tgt Ion:	105	Resp:	11401
Ion Ratio	Lower	Upper	
105	100		
120	25.2	13.2	39.5



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





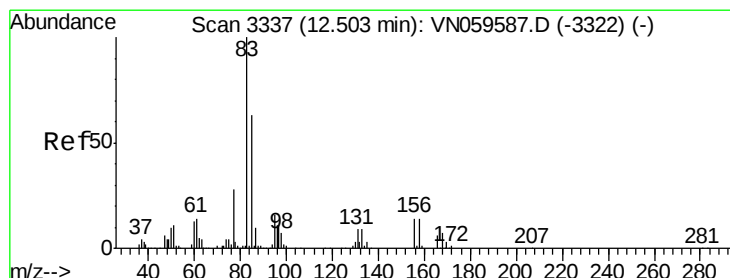
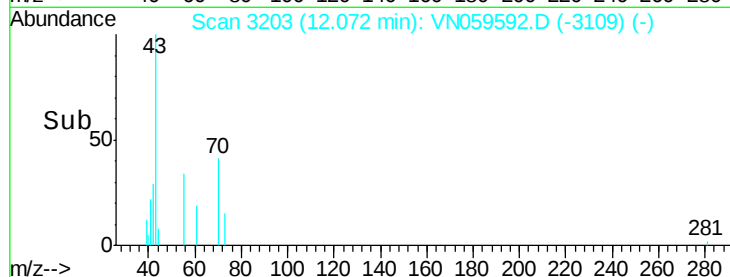
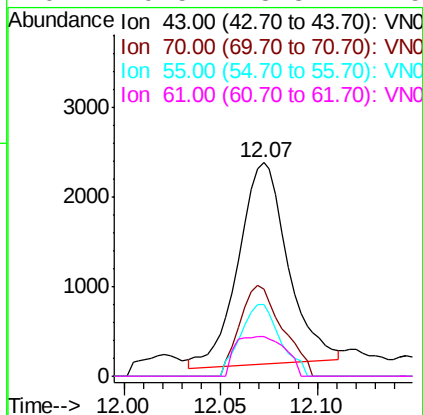
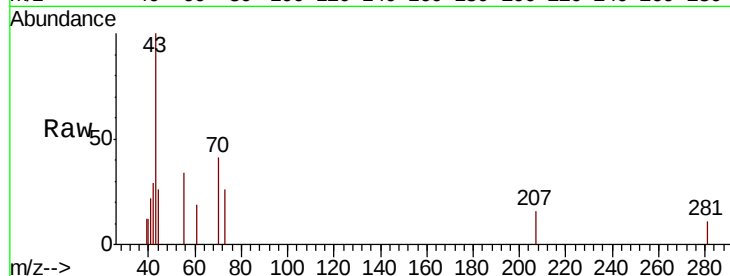
#74
N-amvl acetate
Concen: 0.793 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:	43	Resp:	4001
Ion	Ratio	Lower	Upper
43	100		
70	38.8	31.3	46.9
55	28.7	19.8	29.6
61	19.5	18.3	27.5

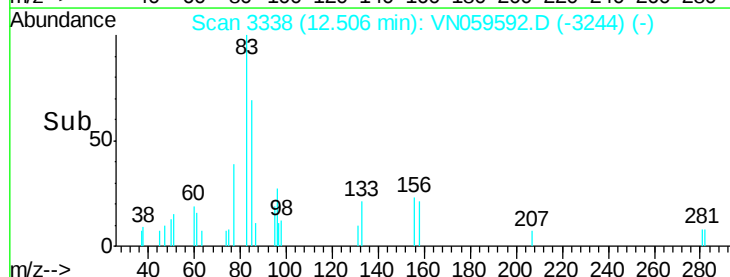
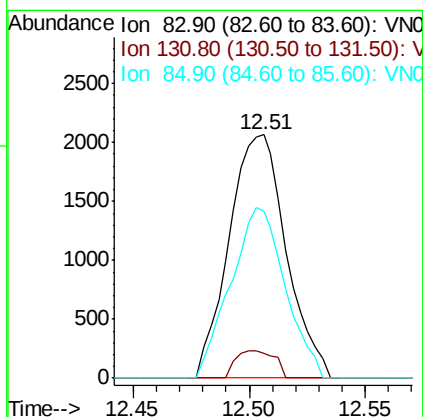
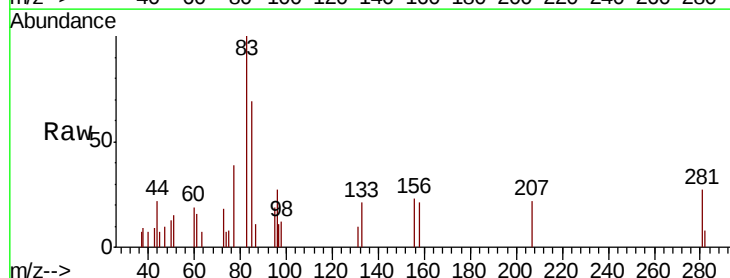
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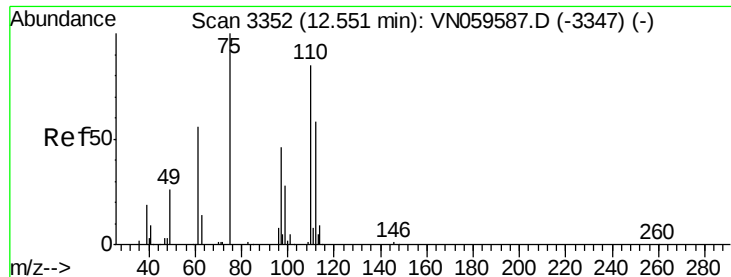
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#75
1,1,2,2-Tetrachloroethane
Concen: 0.920 ug/l
RT: 12.51 min Scan# 3338
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Tgt Ion:	83	Resp:	3534
Ion	Ratio	Lower	Upper
83	100		
131	7.6	5.0	14.9
85	66.9	31.9	95.5





#76

1,2,3-Trichloropropane

Concen: 1.038 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 4022

Ion Ratio Lower Upper

75 100

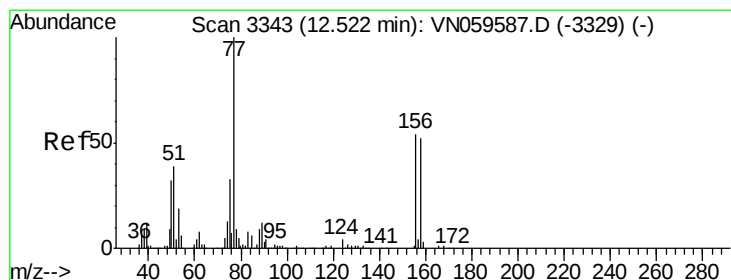
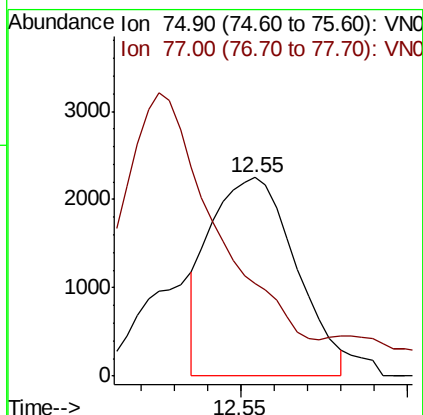
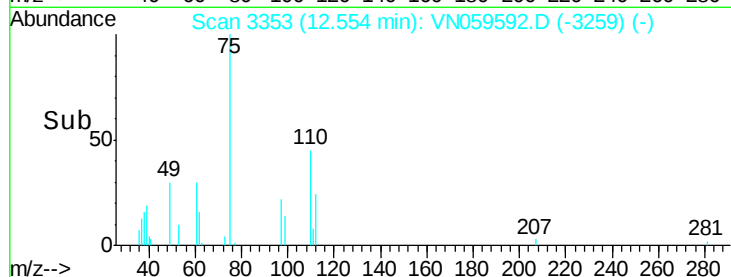
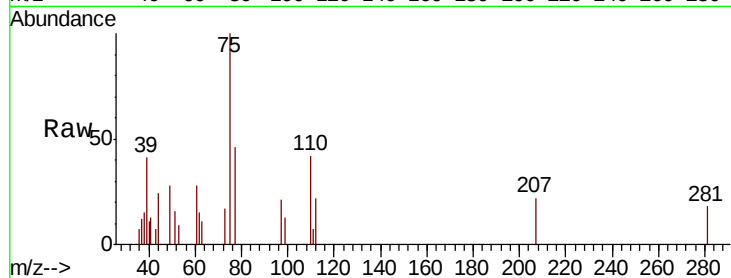
77 0.0 0.0 0.0

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#77

Bromobenzene

Concen: 1.122 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

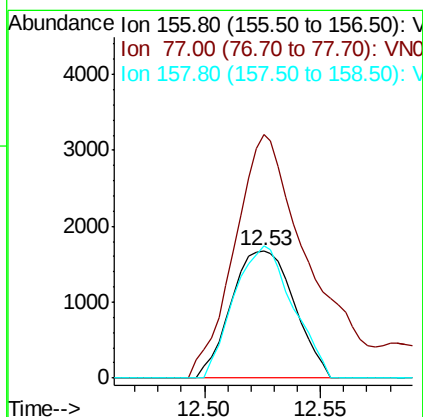
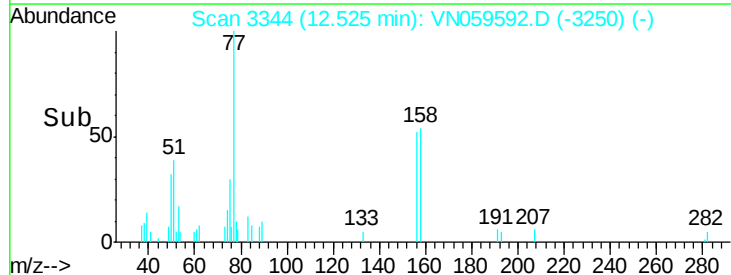
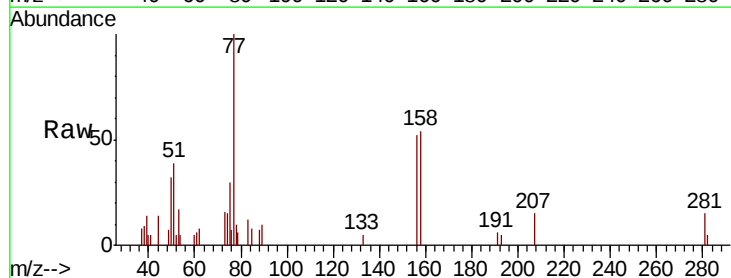
Tgt Ion: 156 Resp: 3168

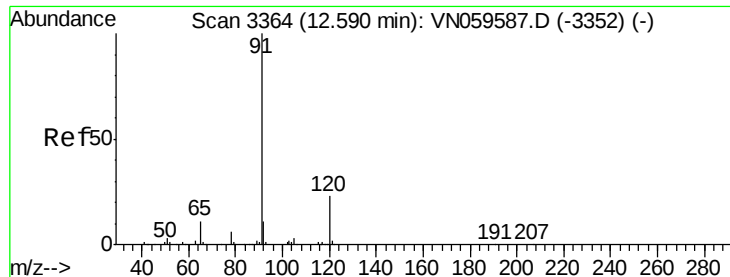
Ion Ratio Lower Upper

156 100

77 223.9 115.8 347.4

158 96.7 49.2 147.6





#78

n-propylbenzene

Concen: 0.986 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 13801

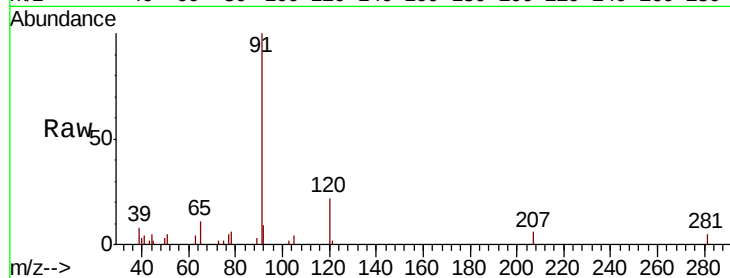
Ion Ratio Lower Upper

91 100

120 21.1 11.1 33.3

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Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN059587.D (-3352) (-)

12.59

8000

6000

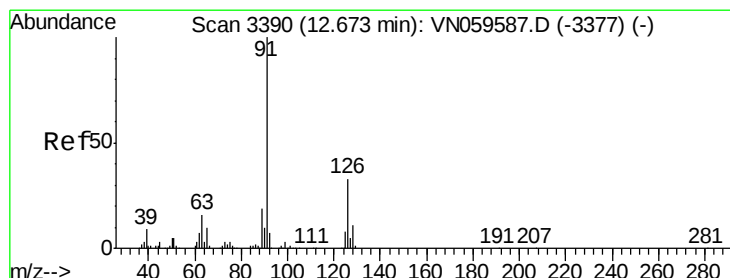
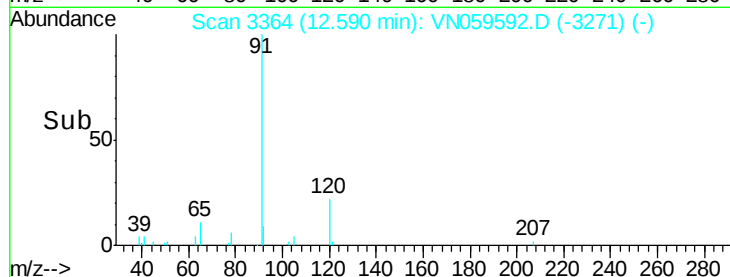
4000

2000

0

12.55 12.60 12.65

Time-->



#79

2-Chlorotoluene

Concen: 1.058 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN059592.D

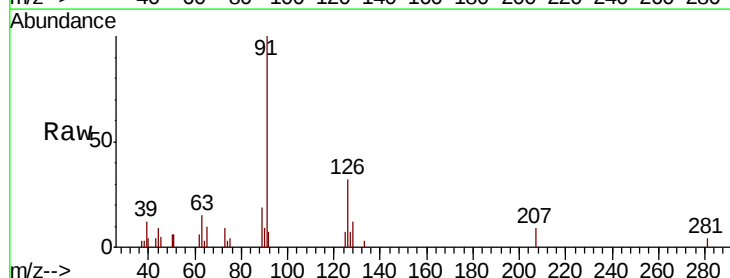
Acq: 13 Dec 2019 18:34

Tgt Ion: 91 Resp: 8836

Ion Ratio Lower Upper

91 100

126 30.9 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN059587.D (-3377) (-)

12.67

6000

5000

4000

3000

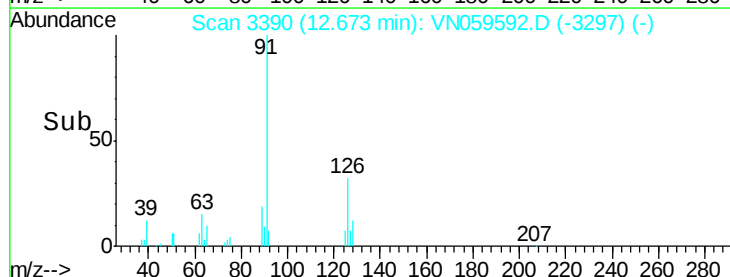
2000

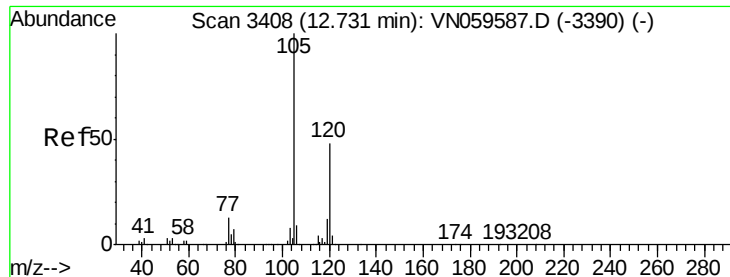
1000

0

12.65 12.70

Time-->





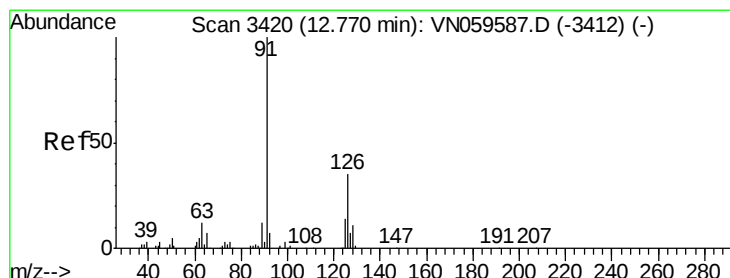
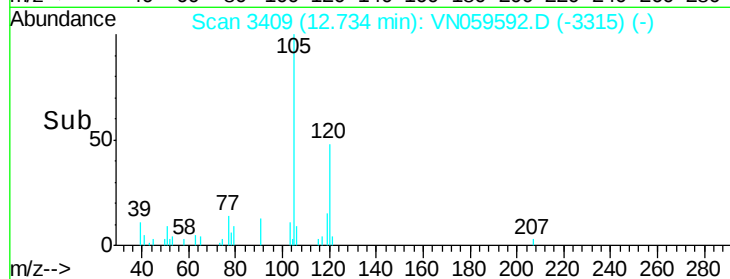
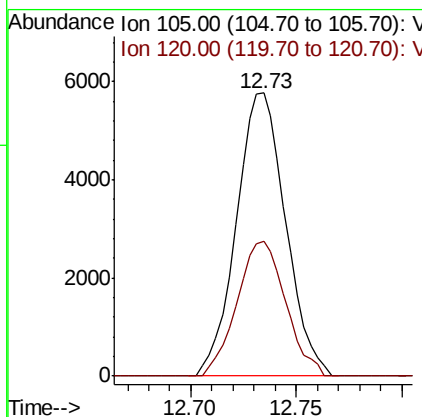
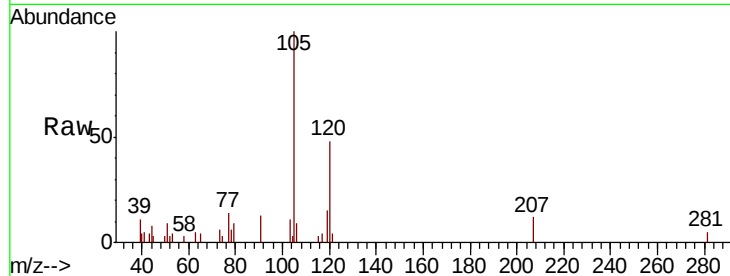
#80
 1,3,5-Trimethylbenzene
 Concen: 0.958 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.1	72.4

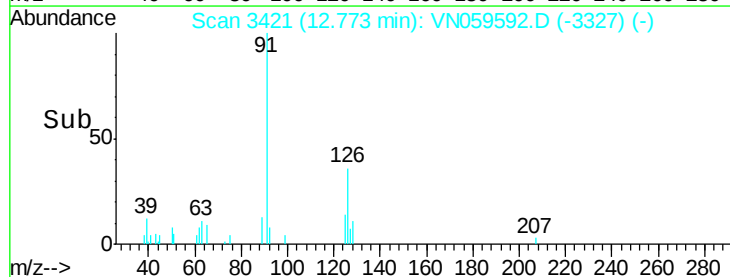
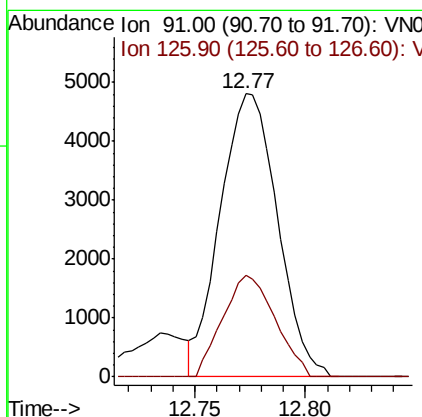
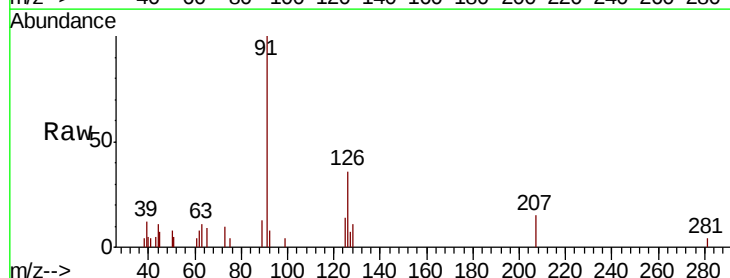
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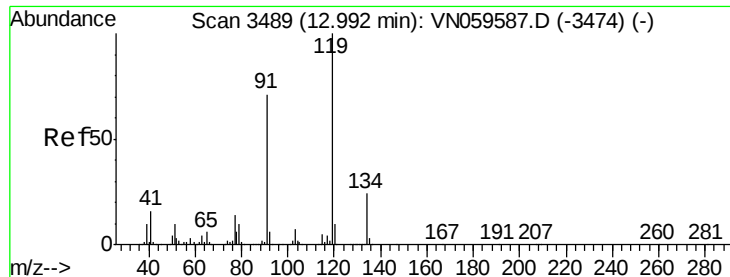
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#82
 4-Chlorotoluene
 Concen: 1.017 ug/l
 RT: 12.77 min Scan# 3421
 Delta R.T. 0.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.3	48.8





#83

tert-Butylbenzene

Concen: 1.033 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

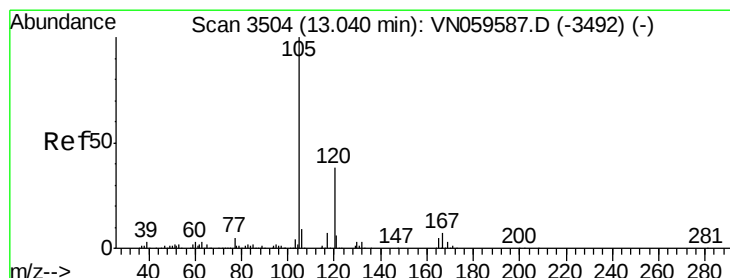
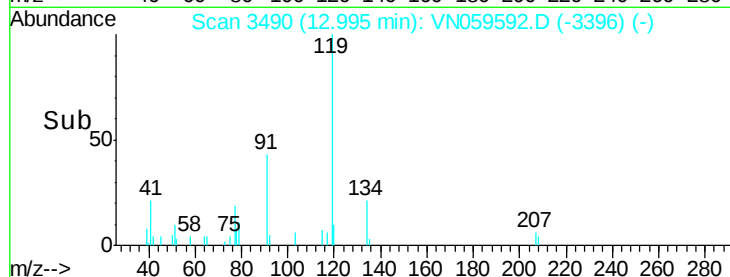
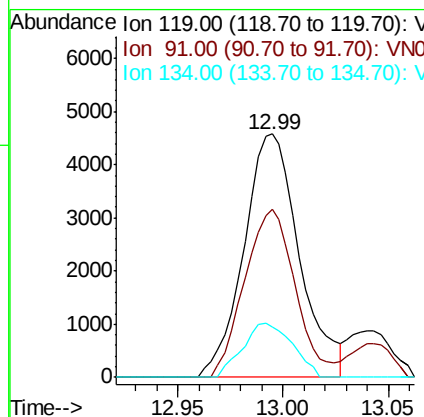
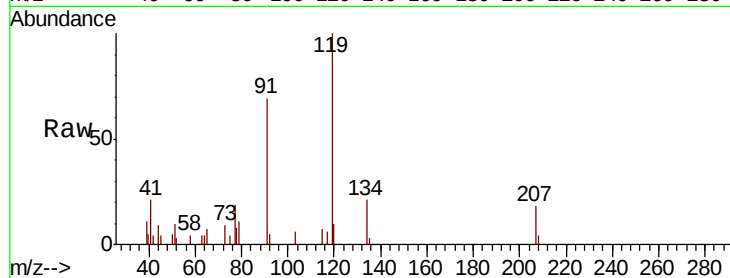
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	8374
Ion	Ratio	Lower	Upper
119	100		
91	62.8	34.8	104.4
134	20.0	12.3	36.9

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#84

1,2,4-Trimethylbenzene

Concen: 0.942 ug/l

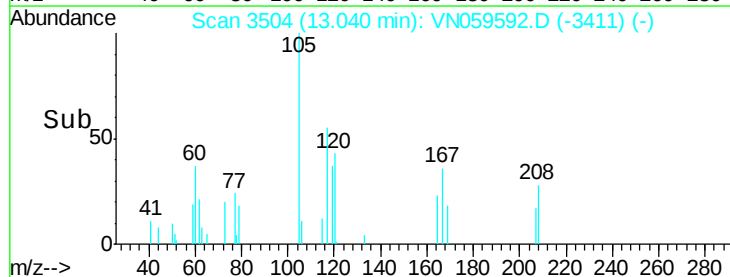
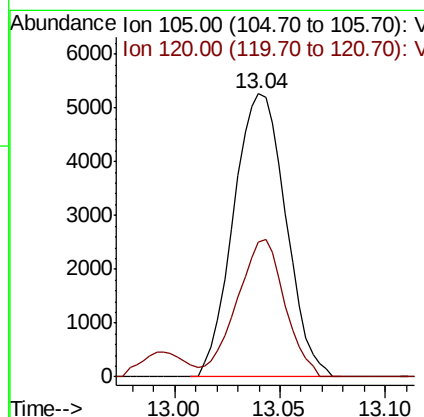
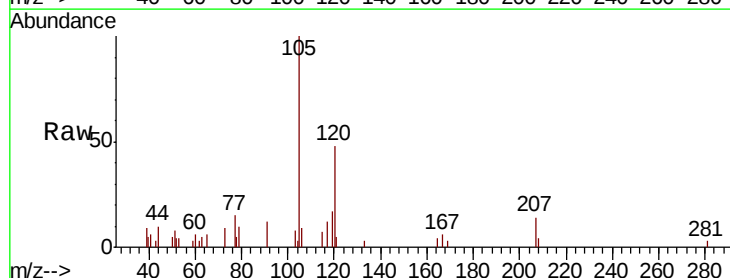
RT: 13.04 min Scan# 3504

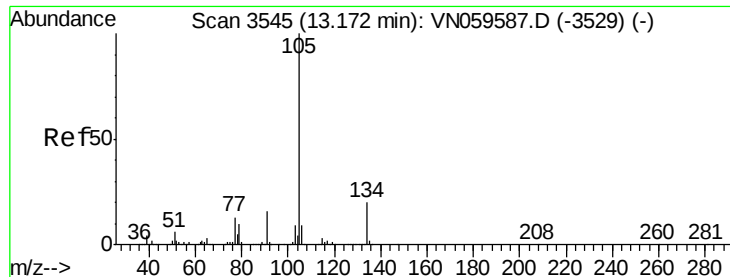
Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Tgt Ion:	105	Resp:	9049
Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.3	66.9





#85

sec-Butylbenzene

Concen: 0.929 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 10315

Ion Ratio Lower Upper

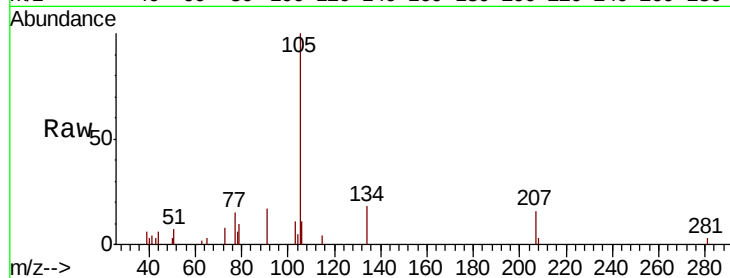
105 100

134 18.9 9.8 29.5

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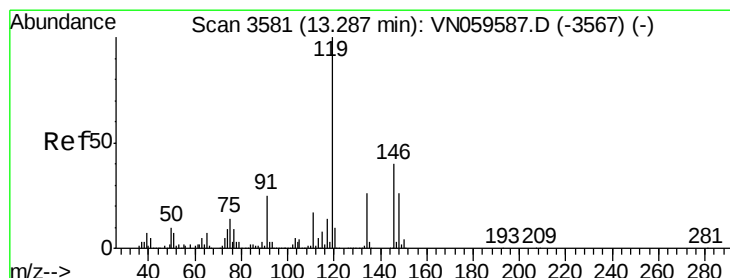
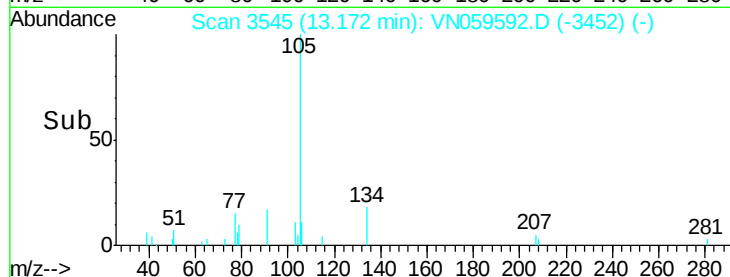
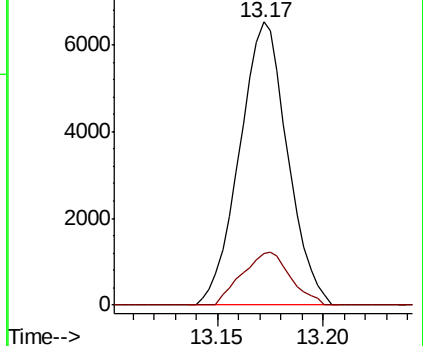
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.931 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

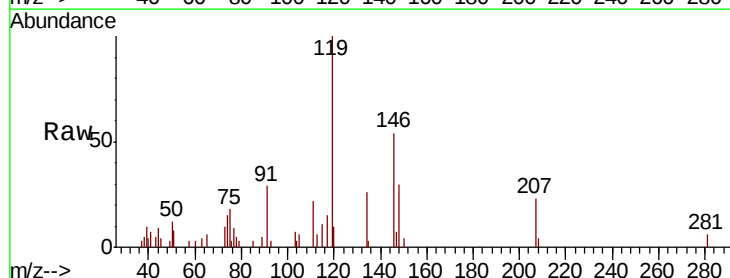
Tgt Ion:119 Resp: 9226

Ion Ratio Lower Upper

119 100

134 23.3 12.9 38.7

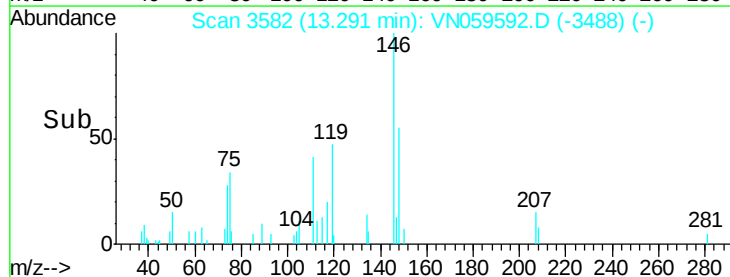
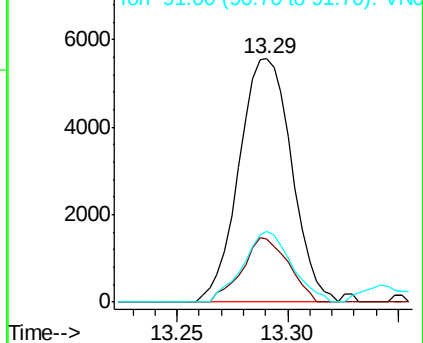
91 26.7 12.4 37.4

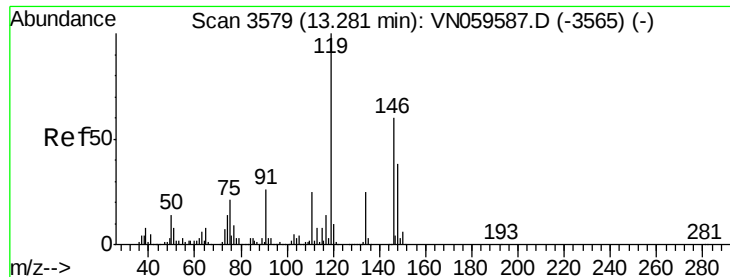


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





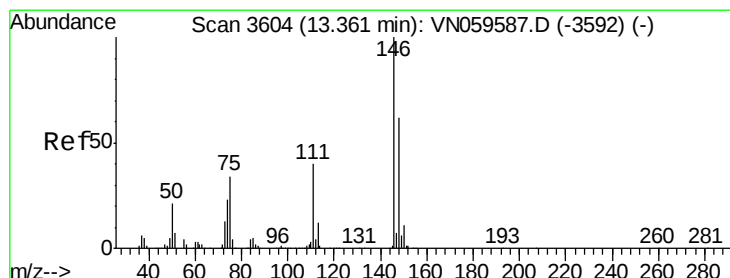
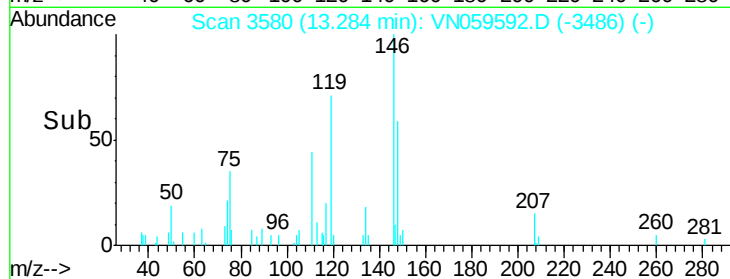
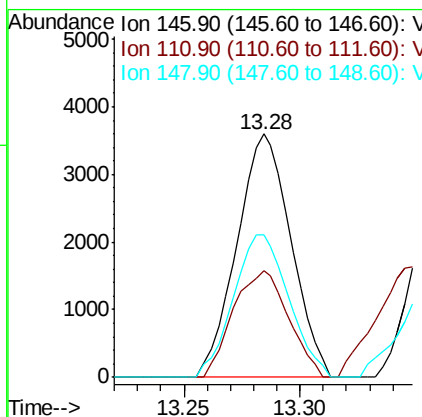
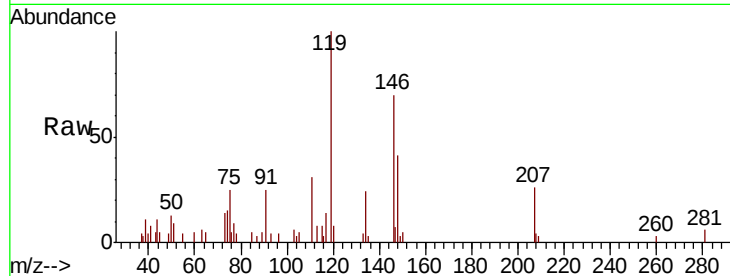
#87
 1,3-Dichlorobenzene
 Concen: 1.125 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	20.8	62.2
148	59.9	32.0	96.0

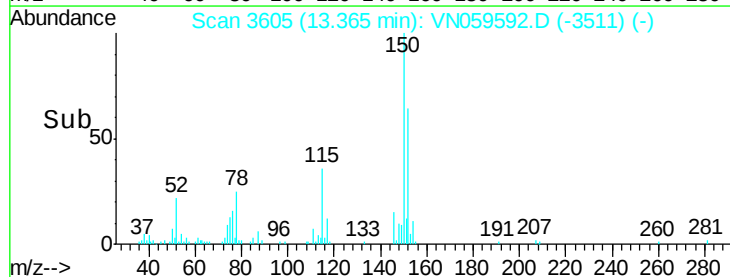
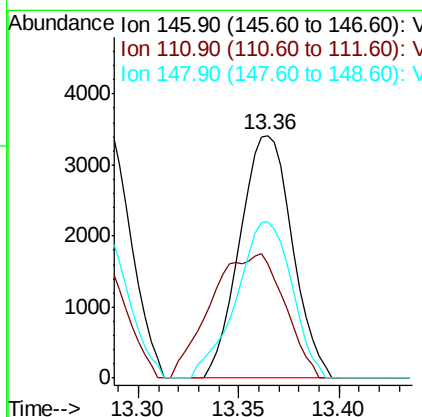
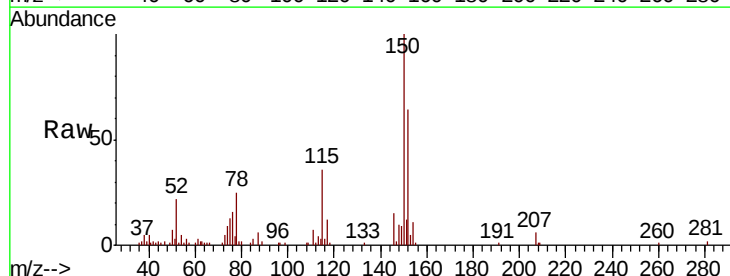
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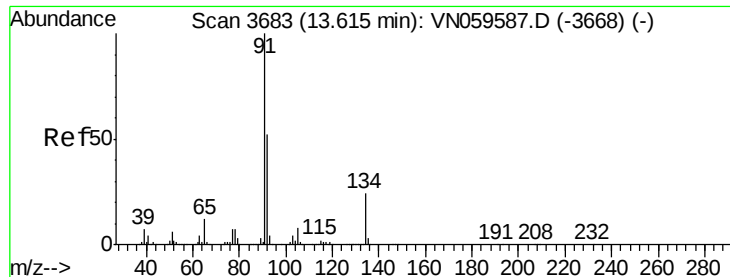
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#88
 1,4-Dichlorobenzene
 Concen: 1.236 ug/l m
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.2
148	55.8	31.8	95.4





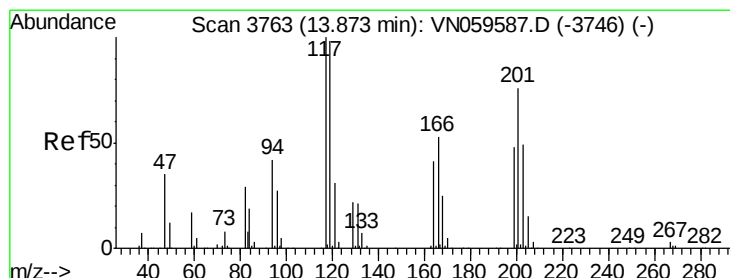
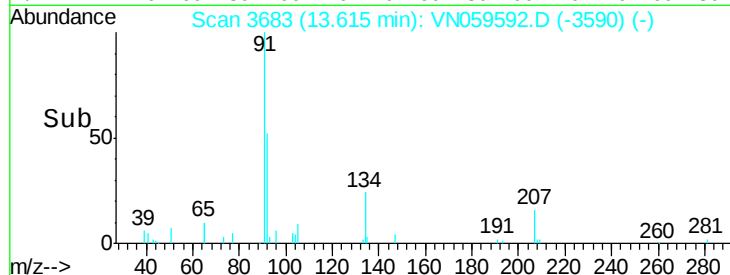
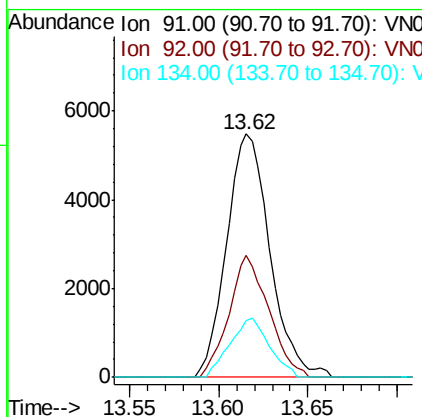
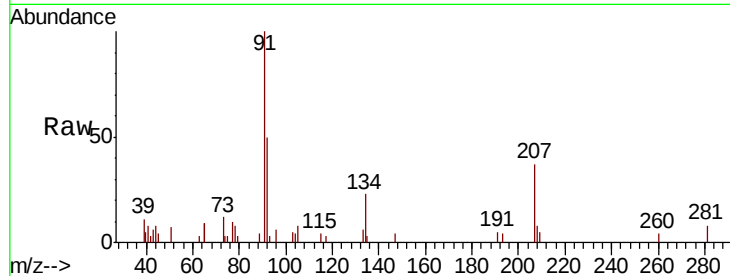
#89
n-Butylbenzene
Concen: 0.990 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	46.0	25.9	77.7
134	21.9	12.3	36.8

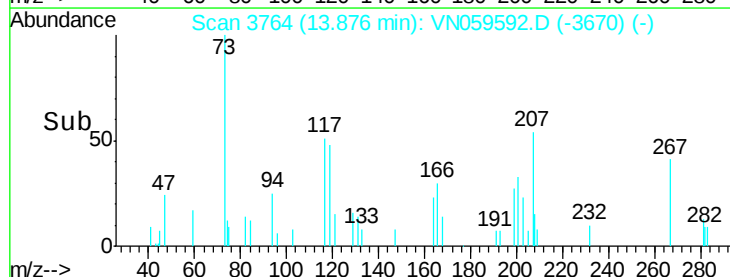
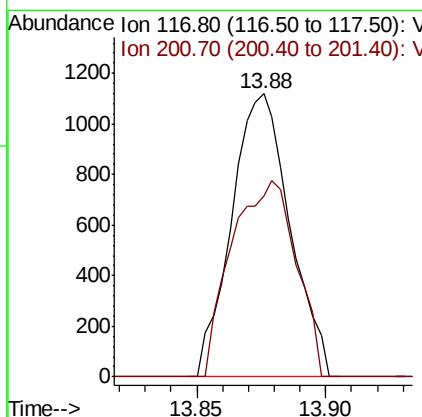
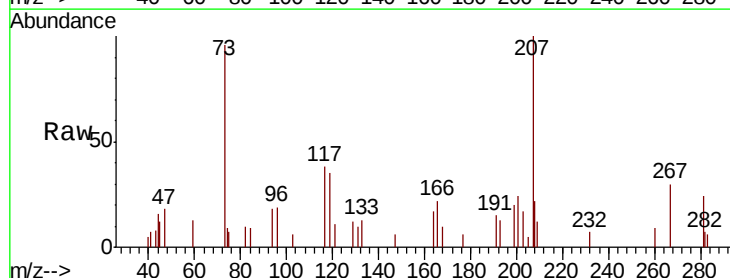
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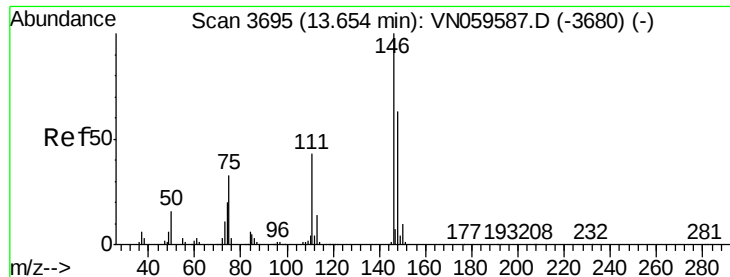
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#90
Hexachloroethane
Concen: 0.963 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.6	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 1.230 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Instrument :

MSVOA_N

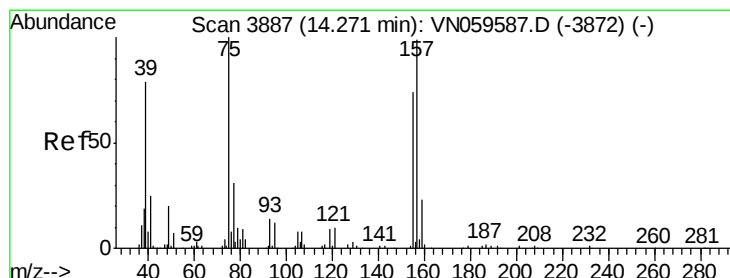
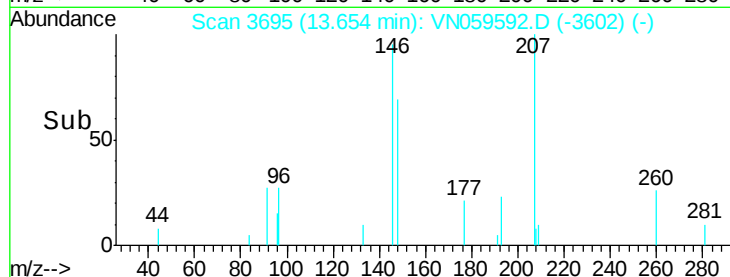
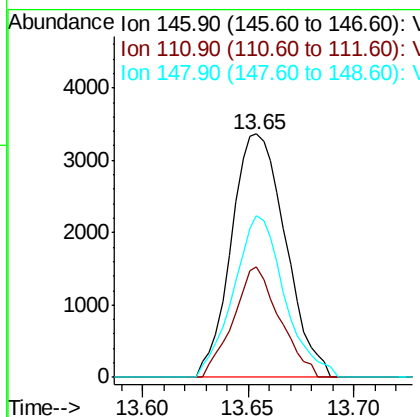
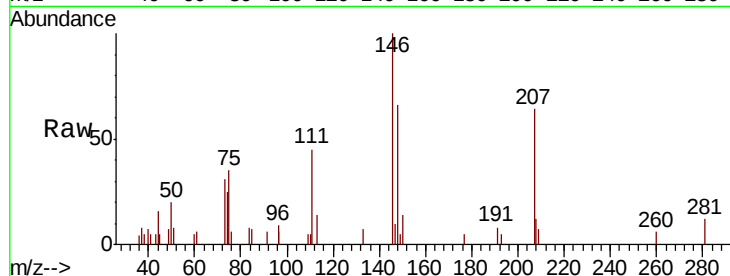
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	5995
Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.6	64.8
148	62.7	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 1.715 ug/l

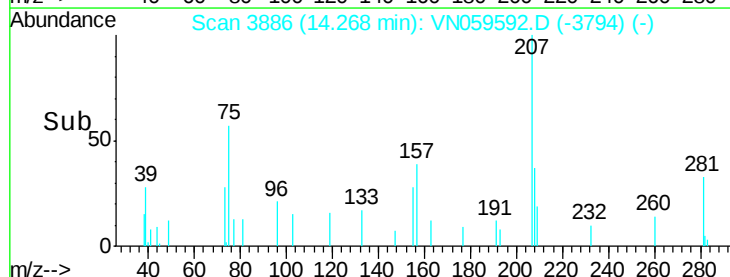
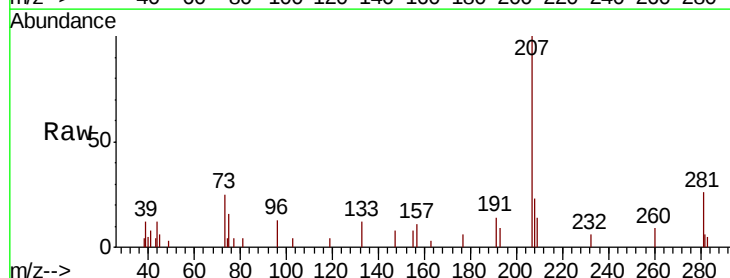
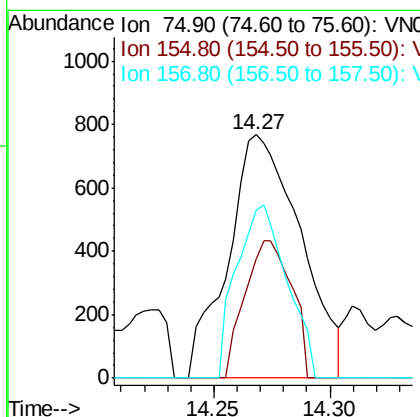
RT: 14.27 min Scan# 3886

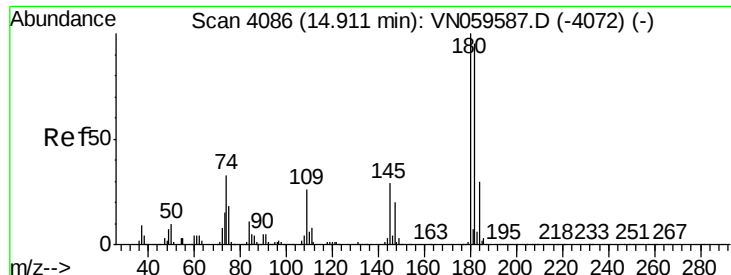
Delta R.T. -0.00 min

Lab File: VN059592.D

Acq: 13 Dec 2019 18:34

Tgt Ion:	75	Resp:	1671
Ion	Ratio	Lower	Upper
75	100		
155	36.3	37.0	110.9#
157	49.5	48.4	145.2





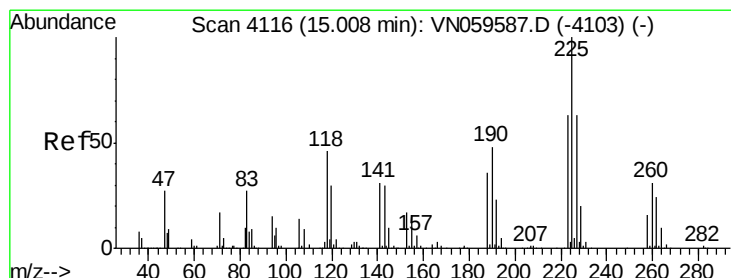
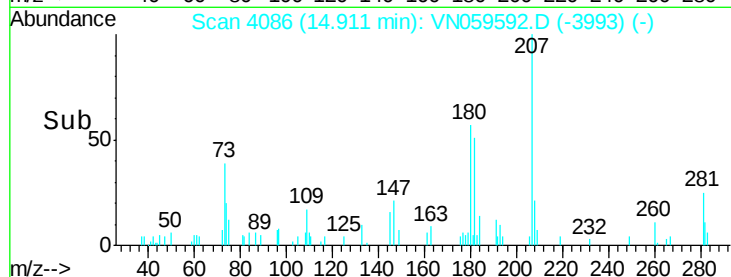
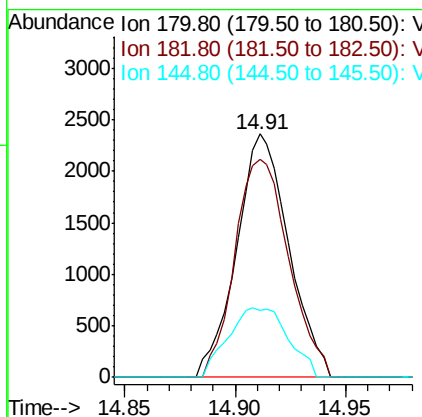
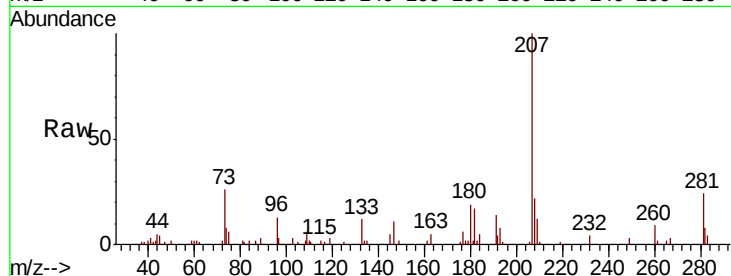
#93
 1,2,4-Trichlorobenzene
 Concen: 1.170 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100	3878		
182	92.9	46.9	140.7	
145	32.8	15.0	45.1	

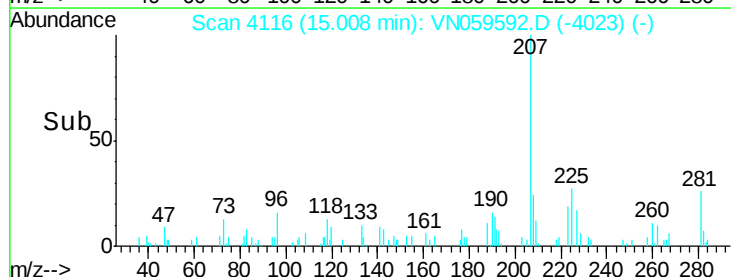
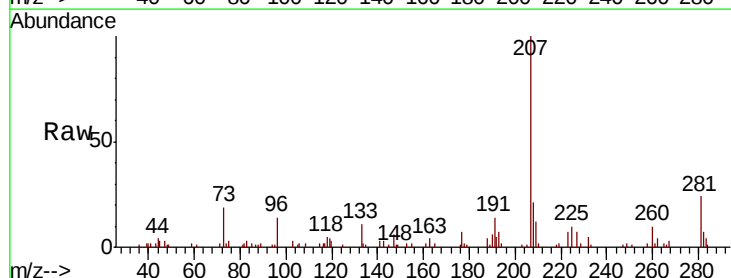
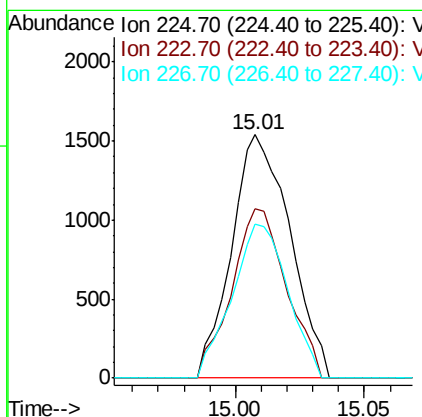
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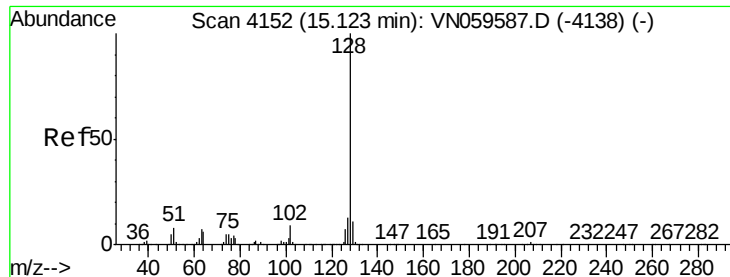
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#94
 Hexachlorobutadiene
 Concen: 1.451 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059592.D
 Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	2428		
223	64.9	31.8	95.3	
227	60.3	32.1	96.5	





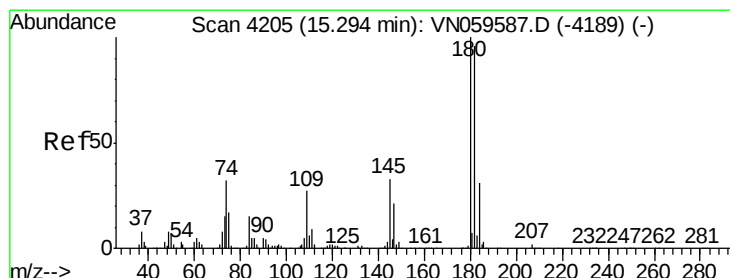
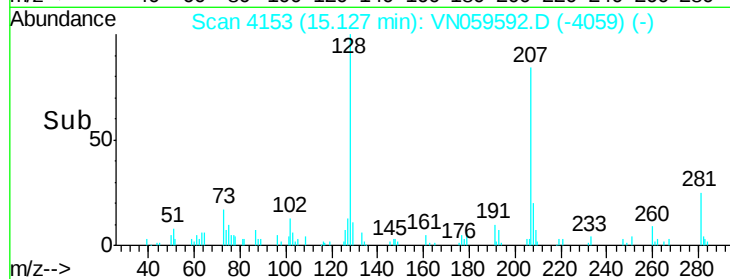
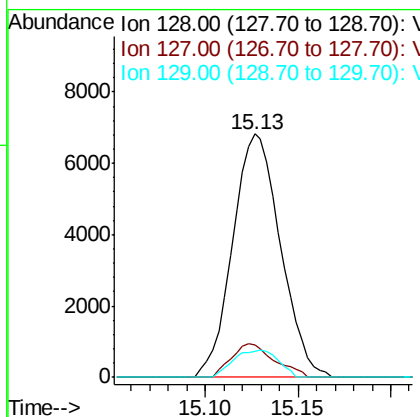
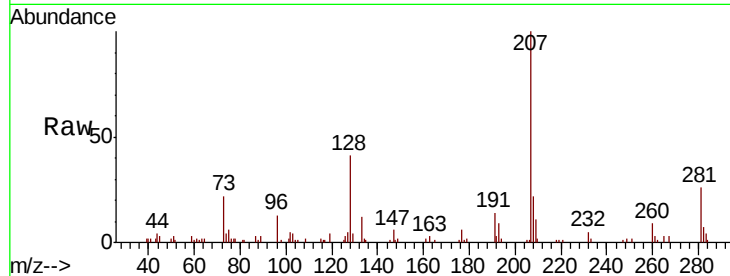
#95
Naphthalene
Concen: 1.247 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	10.5	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 1.299 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059592.D
Acq: 13 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	47.4	142.3
145	37.2	16.3	48.9

