

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120919\
 Data File : VN059526.D
 Acq On : 9 Dec 2019 14:46
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
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 12/10/2019 5:10:30 PM

Quant Time: Dec 09 16:29:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 09 16:19:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	221357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	361371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	404608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138582	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	2751	1.129	ug/l	96
3) Chloromethane	2.04	50	5324	1.601	ug/l	90
4) Vinyl Chloride	2.17	62	3856	1.721	ug/l	89
6) Chloroethane	2.68	64	2446	1.869	ug/l	97
7) Trichlorofluoromethane	3.00	101	4474	1.674	ug/l	97
8) Diethyl Ether	3.39	74	1286	0.849	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.73	101	2050	0.893	ug/l	92
12) 1,1-Dichloroethene	3.71	96	2067	0.927	ug/l #	85
14) Allyl chloride	4.29	41	4887	1.104	ug/l #	87
15) Acrylonitrile	4.97	53	6108	4.484	ug/l #	65
16) Acetone	3.81	43	10858	6.012	ug/l	94
17) Carbon Disulfide	4.03	76	12724	1.661	ug/l	99
18) Methyl Acetate	4.30	43	4956	1.369	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	7267m	0.948	ug/l	
20) Methylene Chloride	4.52	84	4481	1.579	ug/l	94
21) trans-1,2-Dichloroethene	5.00	96	2418	0.964	ug/l #	73
22) Diisopropyl ether	5.92	45	6810	0.825	ug/l #	87
23) Vinyl Acetate	5.87	43	28786	4.326	ug/l	96
24) 1,1-Dichloroethane	5.82	63	4464	0.954	ug/l #	85
25) 2-Butanone	6.82	43	9300	4.555	ug/l	90
26) 2,2-Dichloropropane	6.80	77	4382	1.072	ug/l #	71
27) cis-1,2-Dichloroethene	6.80	96	2830	1.014	ug/l	63
28) Bromochloromethane	7.17	49	518	0.347	ug/l #	32
29) Tetrahydrofuran	7.20	42	6874	5.328	ug/l	94
30) Chloroform	7.35	83	4418	0.970	ug/l	94
32) 1,1,1-Trichloroethane	7.55	97	3824	0.963	ug/l #	53
36) 1,1-Dichloropropene	7.77	75	3445	0.935	ug/l #	87
37) Ethyl Acetate	6.91	43	2680	0.651	ug/l #	74
38) Carbon Tetrachloride	7.75	117	3304	0.928	ug/l	94
39) Methylcyclohexane	9.07	83	3392	0.772	ug/l	93
40) Benzene	8.02	78	9991	0.930	ug/l	97
41) Methacrylonitrile	7.14	41	1083	0.638	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	3721	0.998	ug/l	83
43) Isopropyl Acetate	8.14	43	5329	0.865	ug/l #	85

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Manual Integrations
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Quant Time: Dec 09 16:29:32 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	2583	0.922	ug/l	96
45) 1,2-Dichloropropane	9.10	63	2471	0.860	ug/l	93
46) Dibromomethane	9.20	93	1669	0.928	ug/l	94
47) Bromodichloromethane	9.39	83	3399	0.939	ug/l #	97
48) Methyl methacrylate	9.18	41	2526	0.911	ug/l #	88
49) 1,4-Dioxane	9.20	88	578	14.150	ug/l	92
51) 4-Methyl-2-Pentanone	9.98	43	14001	3.839	ug/l	99
52) Toluene	10.15	92	5440	0.840	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	3863	0.910	ug/l #	87
54) cis-1,3-Dichloropropene	9.83	75	3900	0.871	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	2385	0.932	ug/l	91
56) Ethyl methacrylate	10.43	69	2605	0.703	ug/l #	84
57) 1,3-Dichloropropane	10.70	76	4281	0.964	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.68	63	8265	7.633	ug/l	90
59) 2-Hexanone	10.75	43	12783	4.657	ug/l	92
60) Dibromochloromethane	10.89	129	2674	0.973	ug/l	93
61) 1,2-Dibromoethane	11.00	107	2773	1.046	ug/l	97
64) Tetrachloroethene	10.63	164	2037	0.621	ug/l	94
65) Chlorobenzene	11.43	112	8309	0.965	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.50	131	2679	0.863	ug/l #	53
67) Ethyl Benzene	11.51	91	12833	0.849	ug/l	96
68) m/p-Xylenes	11.62	106	8850	1.559	ug/l	88
69) o-Xylene	11.94	106	4401	0.814	ug/l	94
70) Styrene	11.96	104	6650	0.768	ug/l	98
71) Bromoform	12.13	173	2011	0.820	ug/l #	95
73) Isopropylbenzene	12.25	105	10985	1.040	ug/l	97
74) N-amyl acetate	12.07	43	4602	1.067	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.50	83	4374	1.276	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	3121m	0.922	ug/l	
77) Bromobenzene	12.52	156	3290	1.230	ug/l	96
78) n-propylbenzene	12.59	91	12156	0.979	ug/l	98
79) 2-Chlorotoluene	12.67	91	6393	0.853	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	7396	0.827	ug/l	95
82) 4-Chlorotoluene	12.77	91	7337	0.945	ug/l	100
83) tert-Butylbenzene	12.99	119	6047	0.780	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	6872	0.785	ug/l	98
85) sec-Butylbenzene	13.17	105	8517	0.827	ug/l	99
86) p-Isopropyltoluene	13.29	119	7000	0.756	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	4893	1.028	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	5471m	1.138	ug/l	
89) n-Butylbenzene	13.62	91	7924	0.952	ug/l	95
90) Hexachloroethane	13.88	117	1634	0.915	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	4669	1.025	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1467	1.773	ug/l #	48
93) 1,2,4-Trichlorobenzene	14.91	180	3857	1.346	ug/l	95
94) Hexachlorobutadiene	15.01	225	2093	1.173	ug/l	93
95) Naphthalene	15.13	128	13081	1.557	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	4328	1.412	ug/l	95

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MSVOA_N
ClientSampleId :
VSTDICC001

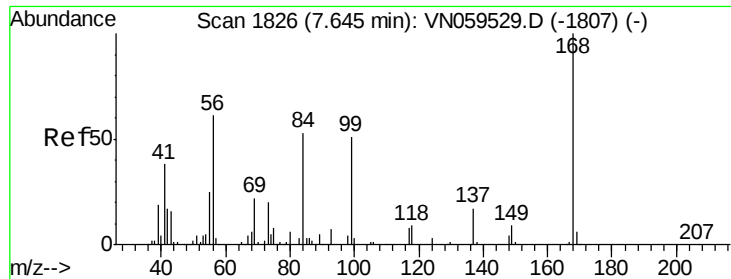
Manual Integrations
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 221357

Ion Ratio Lower Upper

168 100

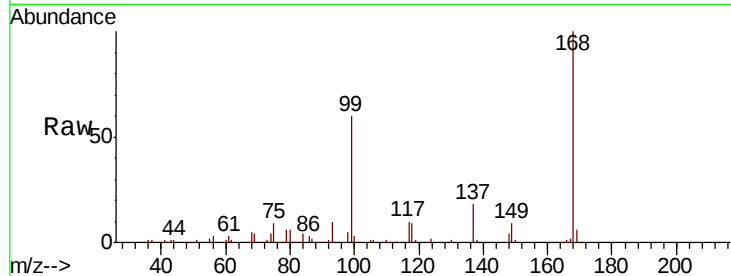
99 60.0 46.6 70.0

Manual Integrations

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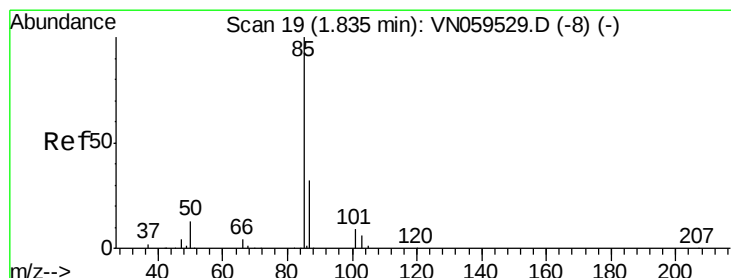
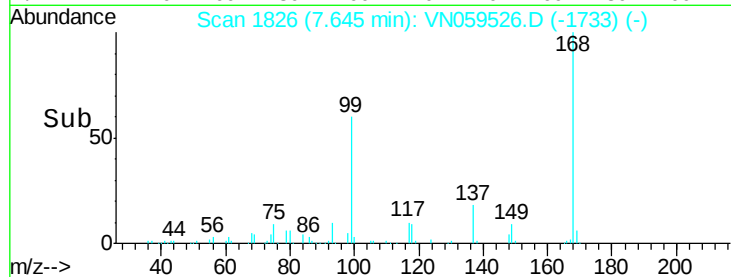
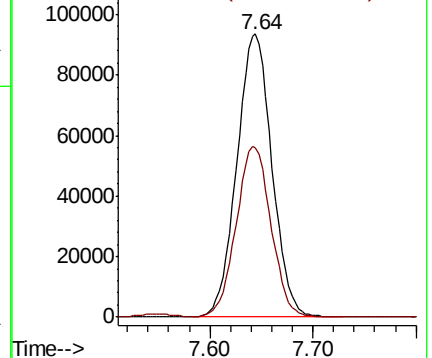
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 1.129 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059526.D

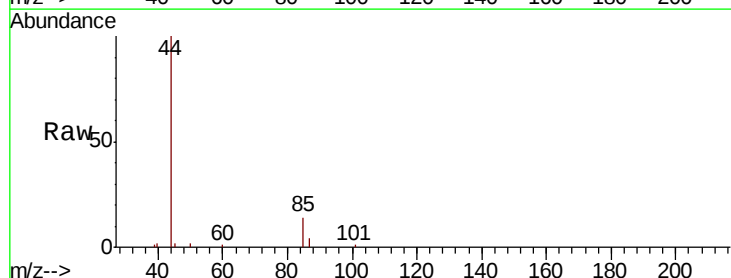
Acq: 9 Dec 2019 14:46

Tgt Ion: 85 Resp: 2751

Ion Ratio Lower Upper

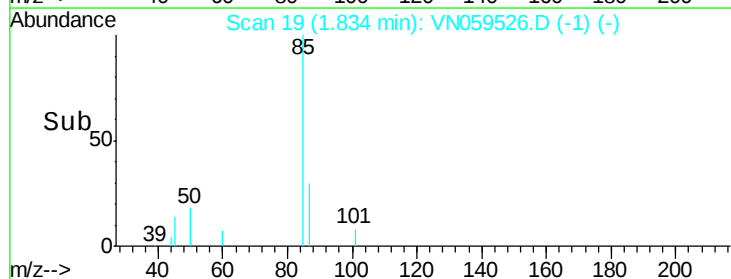
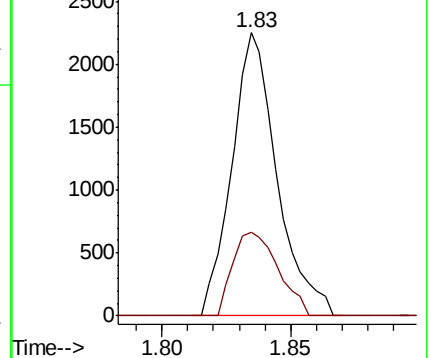
85 100

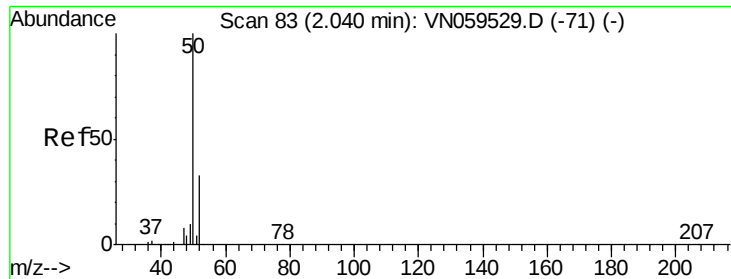
87 29.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.601 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5324

Ion Ratio Lower Upper

50 100

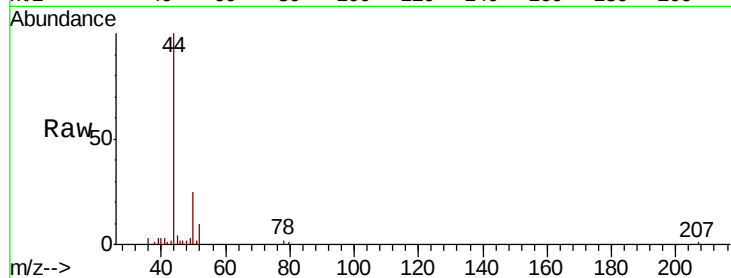
52 38.5 26.2 39.4

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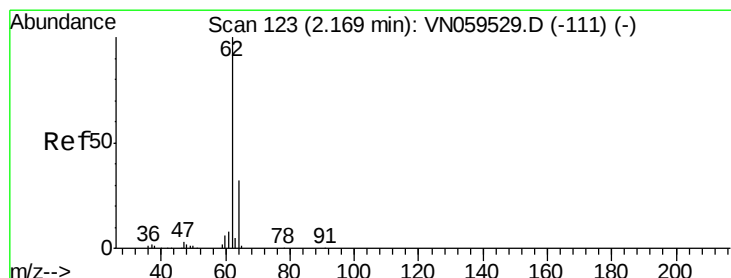
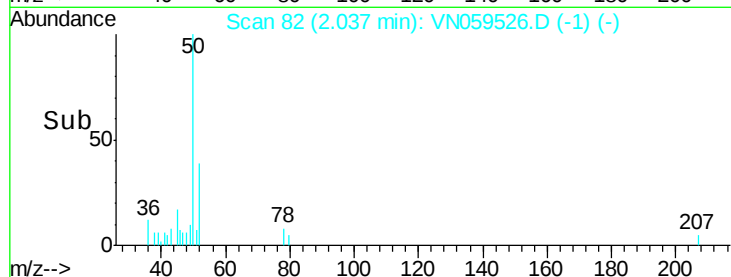
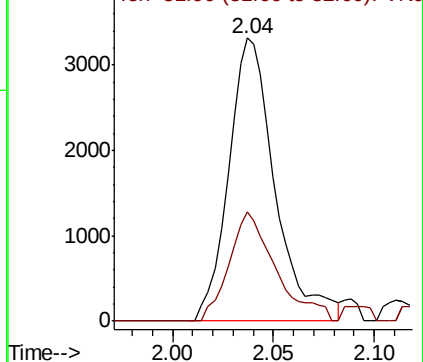
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 1.721 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN059526.D

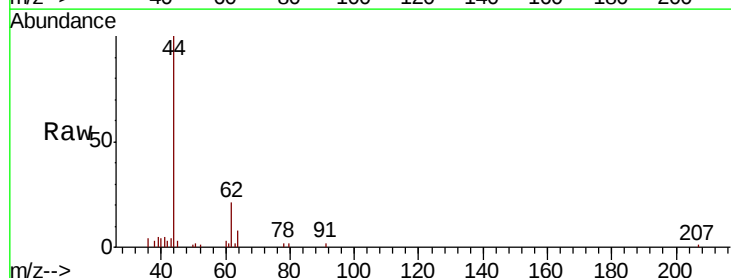
Acq: 9 Dec 2019 14:46

Tgt Ion: 62 Resp: 3856

Ion Ratio Lower Upper

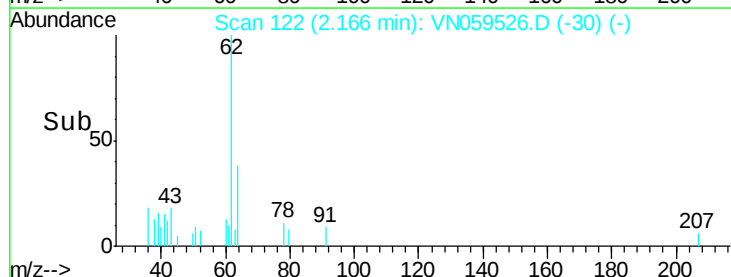
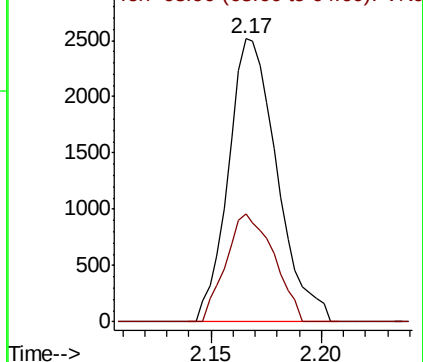
62 100

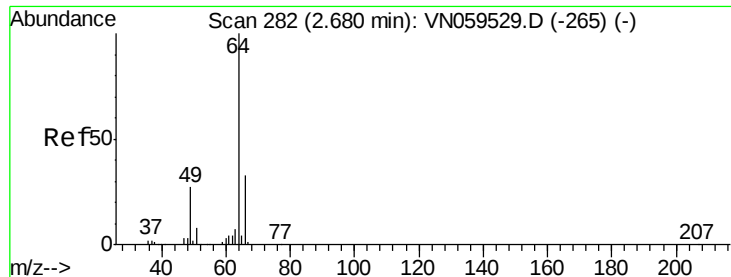
64 38.0 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 1.869 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2446

Ion Ratio Lower Upper

64 100

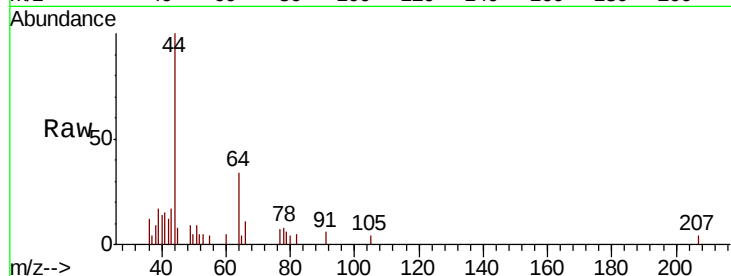
66 31.6 26.7 40.1

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Abundance Ion 63.90 (63.60 to 64.60): VN059526.D (-189) (-)

Ion 65.90 (65.60 to 66.60): VN059526.D (-189) (-)

2.68

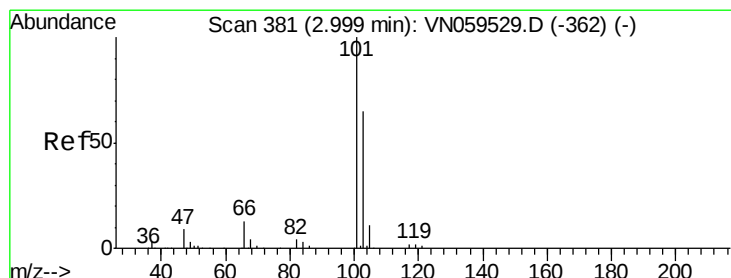
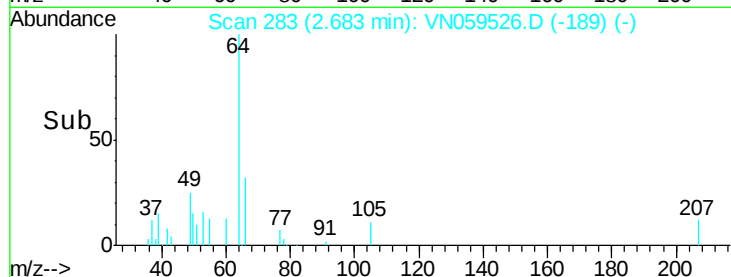
1500

1000

500

0

Time-->



#7

Trichlorofluoromethane

Concen: 1.674 ug/l

RT: 3.00 min Scan# 380

Delta R.T. -0.00 min

Lab File: VN059526.D

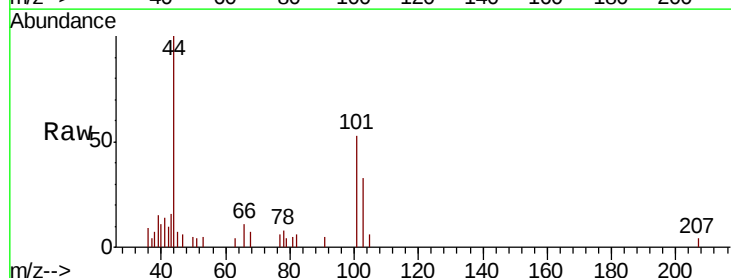
Acq: 9 Dec 2019 14:46

Tgt Ion: 101 Resp: 4474

Ion Ratio Lower Upper

101 100

103 62.5 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): VN059526.D (-288) (-)

Ion 102.80 (102.50 to 103.50): VN059526.D (-288) (-)

3.00

2500

2000

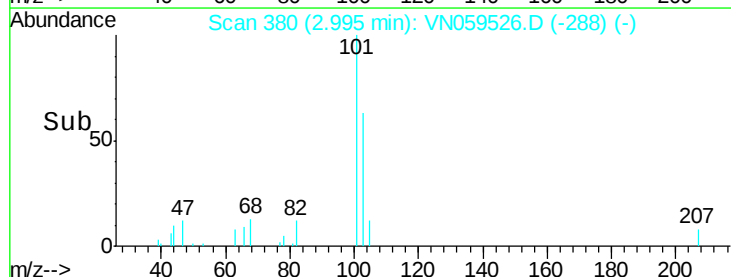
1500

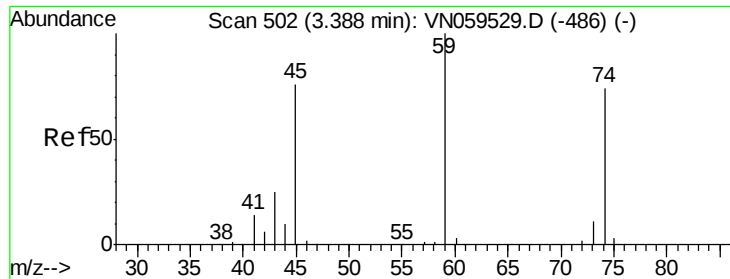
1000

500

0

Time-->





#8

Diethyl Ether

Concen: 0.849 ug/l

RT: 3.39 min Scan# 503

Delta R.T. 0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1286

Ion Ratio Lower Upper

74 100

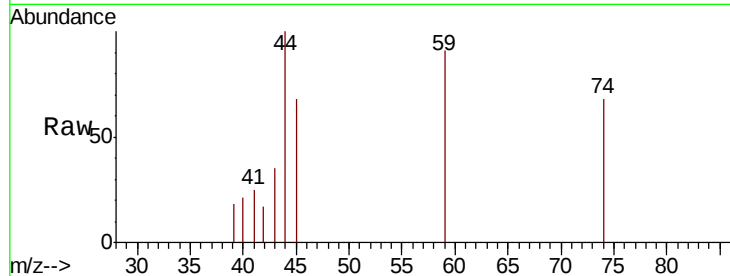
45 126.2 52.6 157.9

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Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

800

600

400

200

0

3.35

3.40

3.45

3.50

3.55

3.60

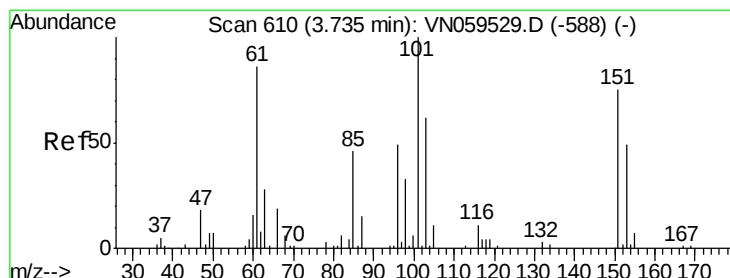
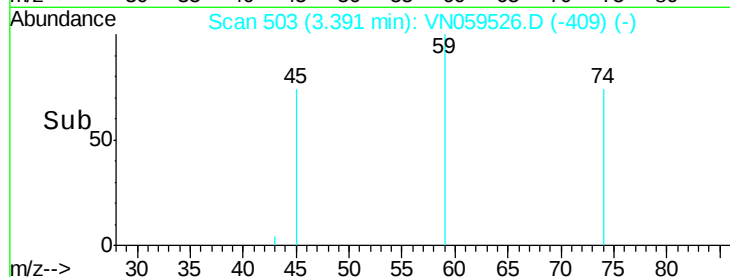
3.65

3.70

3.75

3.80

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.893 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

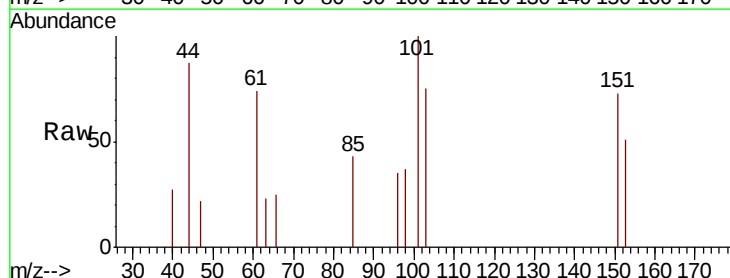
Tgt Ion: 101 Resp: 2050

Ion Ratio Lower Upper

101 100

85 44.0 36.6 54.8

151 64.2 59.3 88.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

1000

800

600

400

200

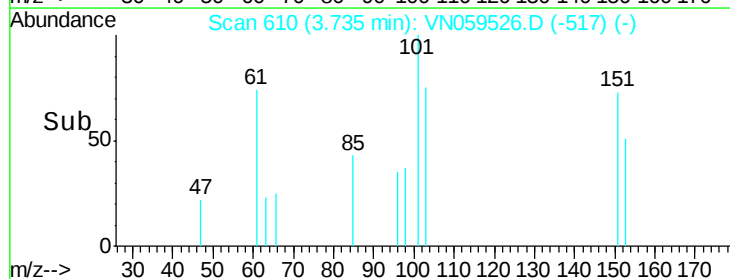
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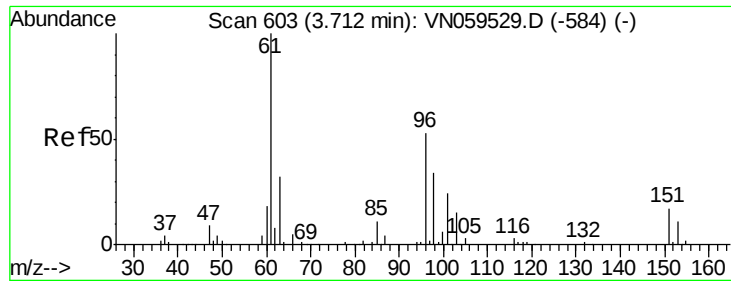
3.70

3.75

3.80

Time-->





#12

1,1-Dichloroethene

Concen: 0.927 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

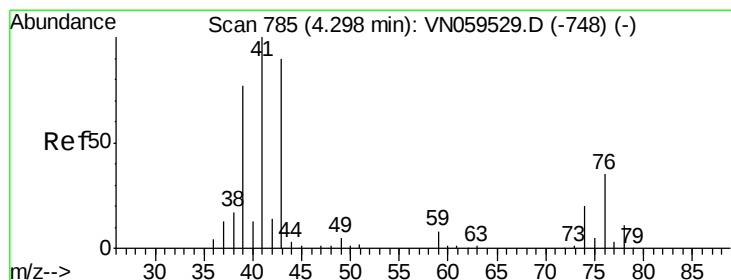
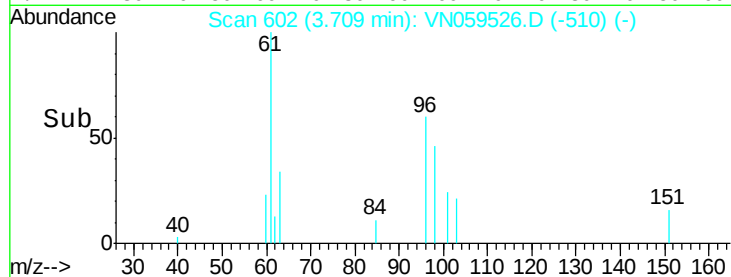
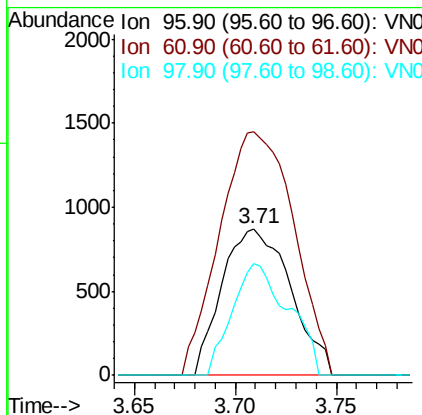
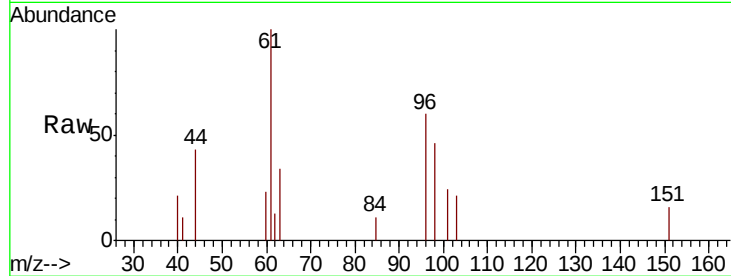
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2067
Ion	Ratio	Lower	Upper
96	100		
61	165.9	149.8	224.6
98	76.2	50.6	75.8#

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#14

Allyl chloride

Concen: 1.104 ug/l

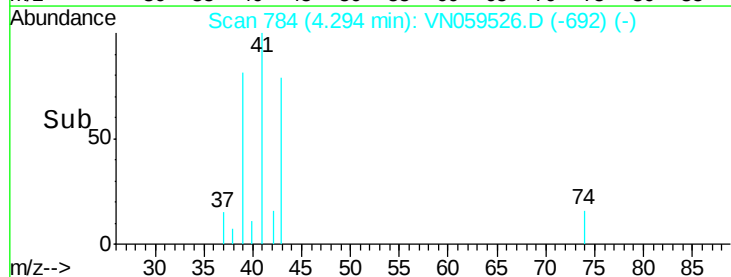
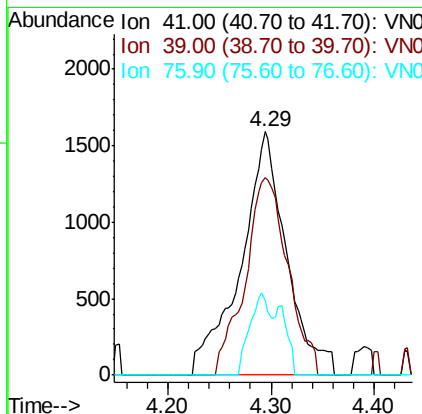
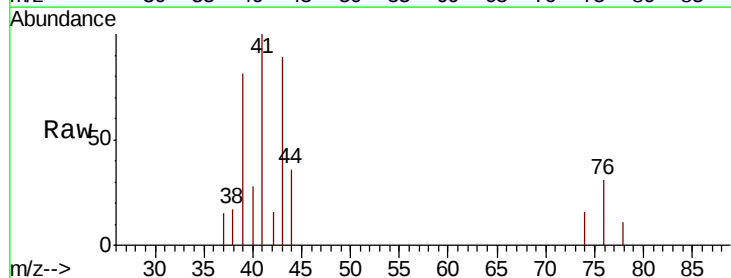
RT: 4.29 min Scan# 784

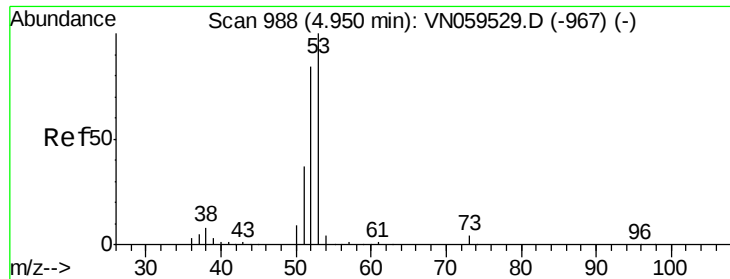
Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Tgt Ion:	41	Resp:	4887
Ion	Ratio	Lower	Upper
41	100		
39	75.4	56.7	85.1
76	14.9	25.5	38.3#





#15

Acrylonitrile

Concen: 4.484 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.02 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

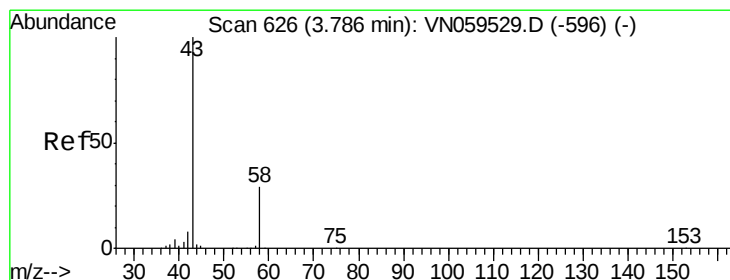
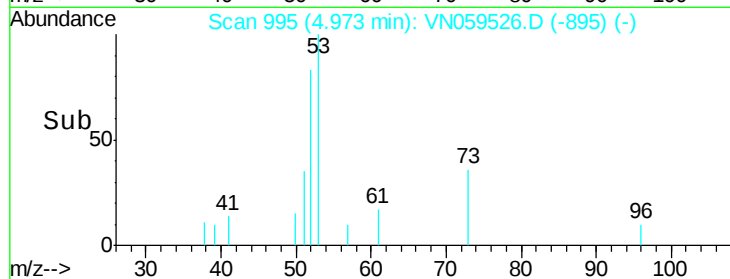
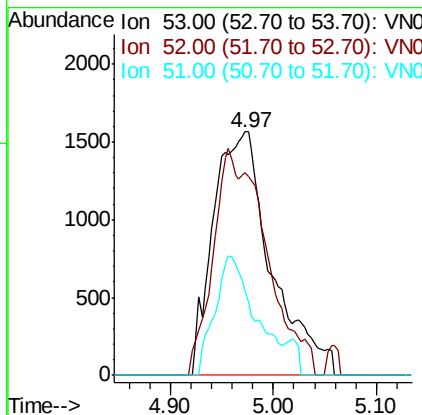
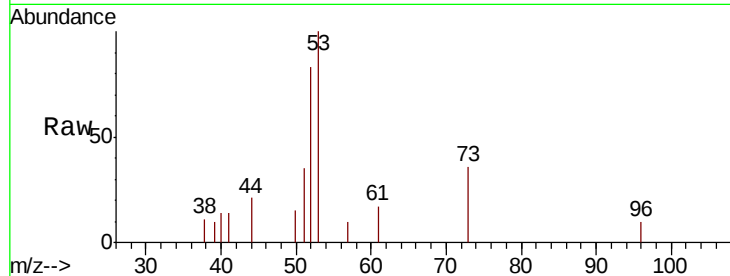
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	6108
Ion	Ratio	Lower	Upper
53	100		
52	40.0	66.6	99.8#
51	34.0	29.8	44.8

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#16

Acetone

Concen: 6.012 ug/l

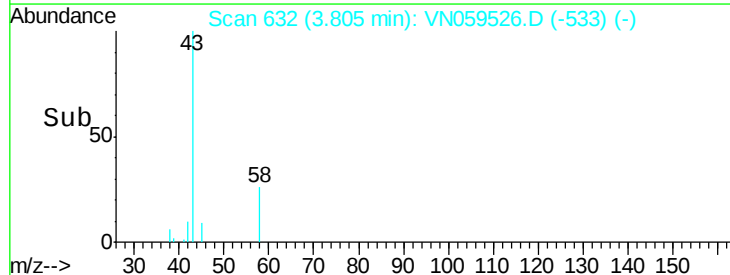
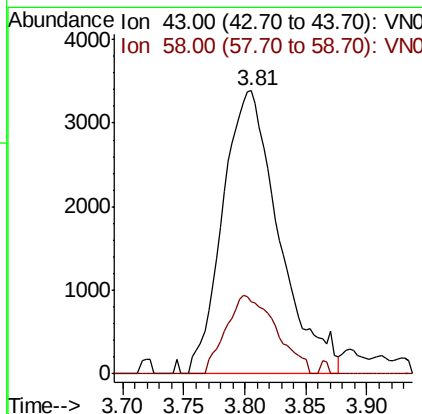
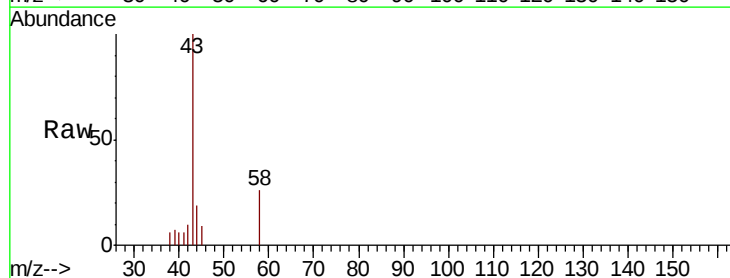
RT: 3.81 min Scan# 632

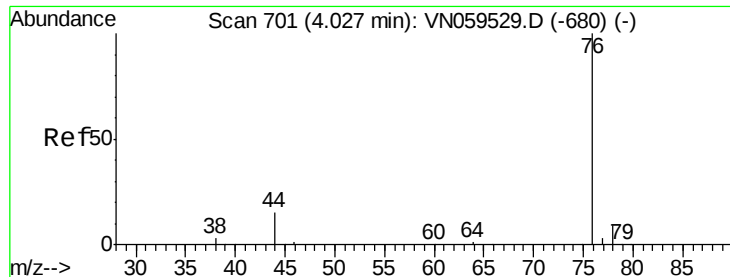
Delta R.T. 0.02 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Tgt Ion:	43	Resp:	10858
Ion	Ratio	Lower	Upper
43	100		
58	25.6	23.0	34.4





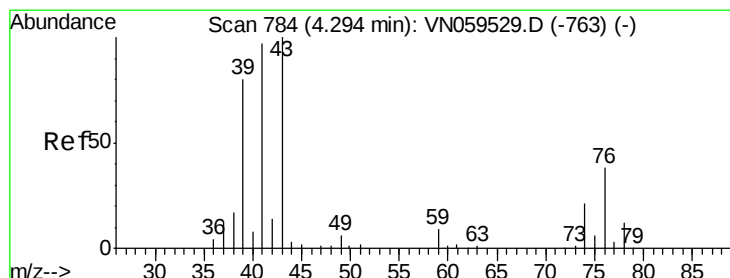
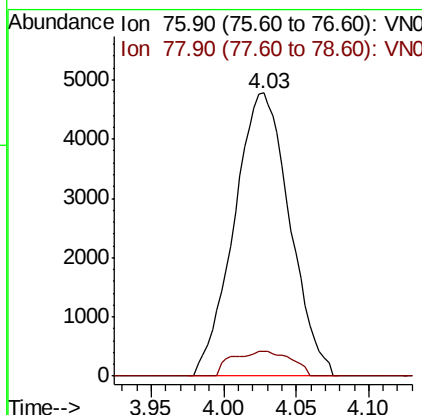
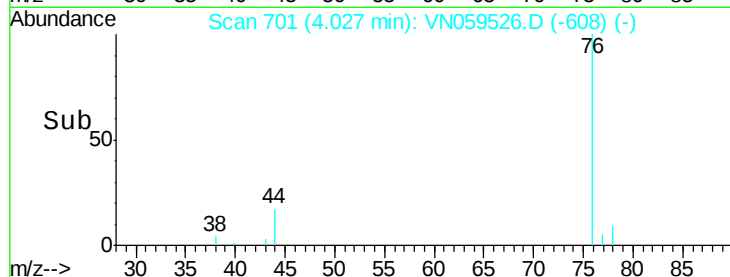
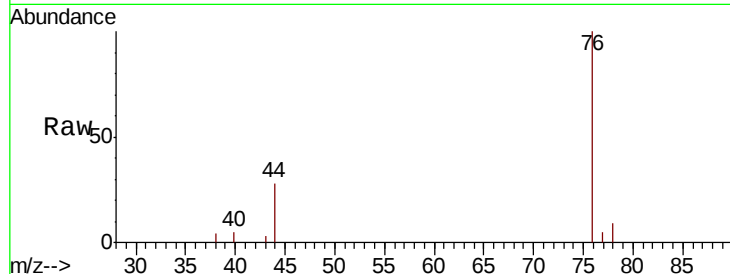
#17
Carbon Disulfide
Concen: 1.661 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 76 Resp: 12724
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

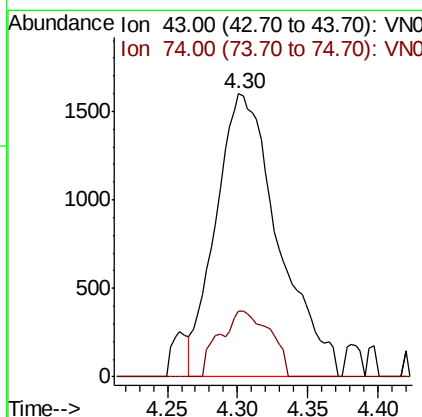
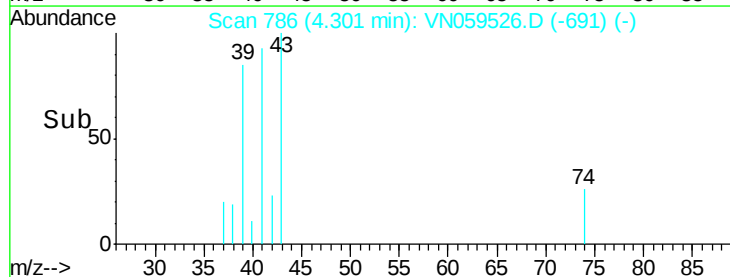
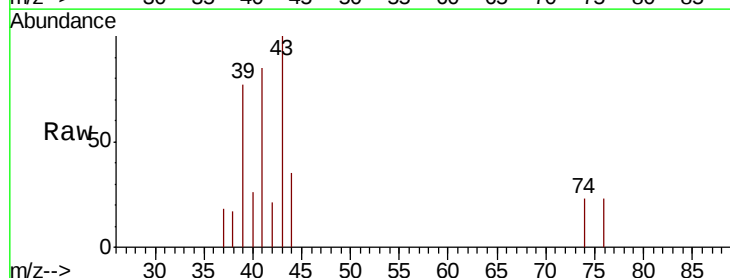
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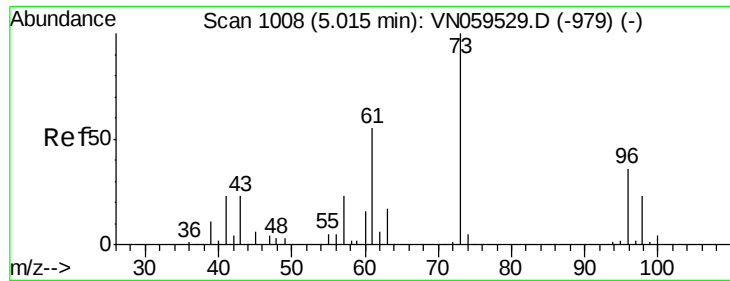
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#18
Methyl Acetate
Concen: 1.369 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion: 43 Resp: 4956
Ion Ratio Lower Upper
43 100
74 18.6 17.5 26.3





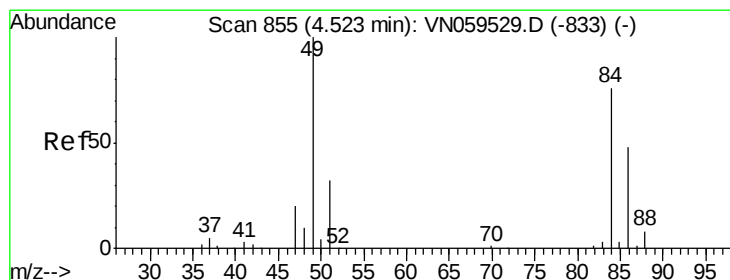
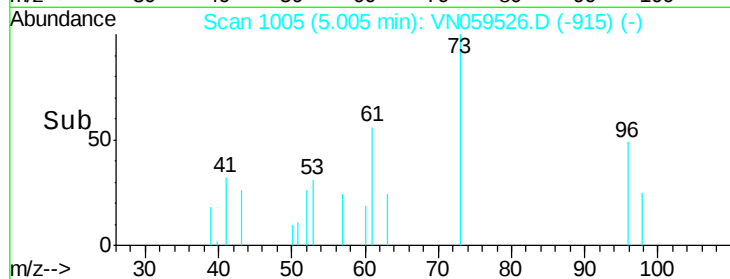
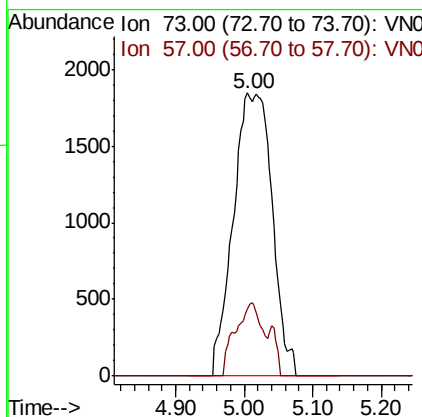
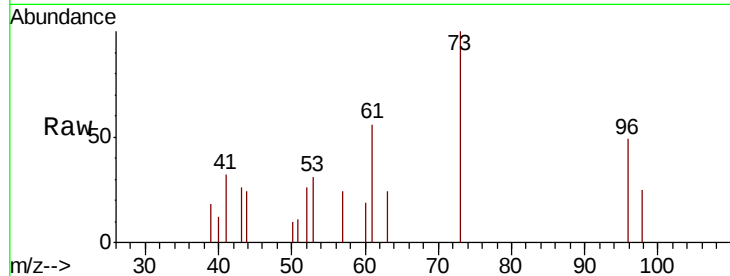
#19
Methvl tert-butvl Ether
Concen: 0.948 ug/l m
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 7267
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5

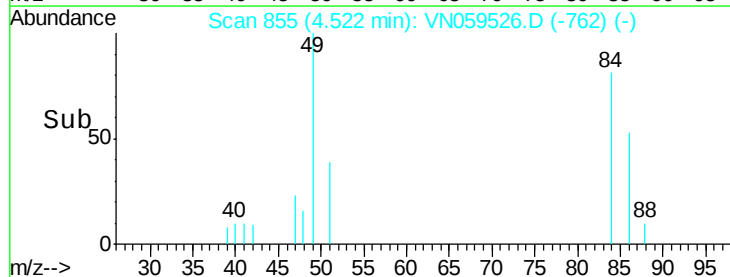
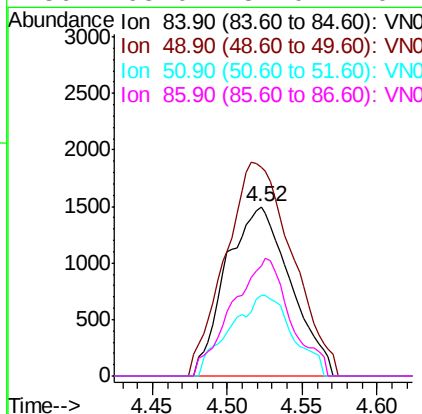
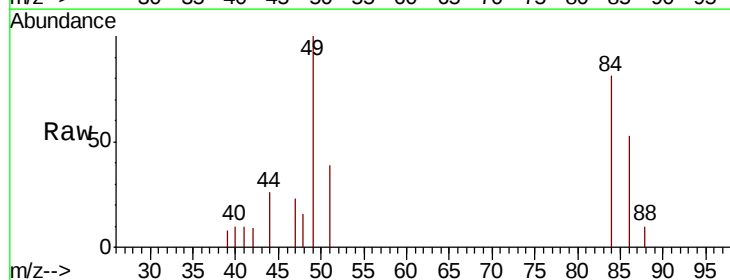
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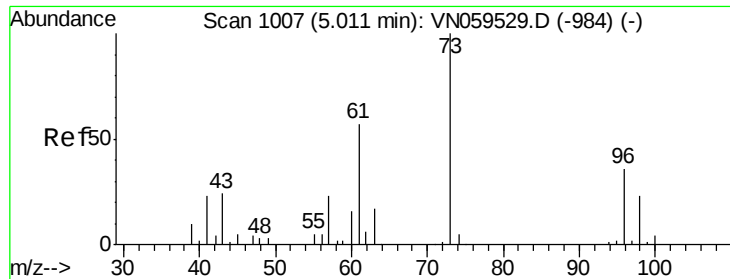
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#20
Methylene Chloride
Concen: 1.579 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion: 84 Resp: 4481
Ion Ratio Lower Upper
84 100
49 123.0 105.8 158.8
51 47.7 33.7 50.5
86 65.0 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 0.964 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

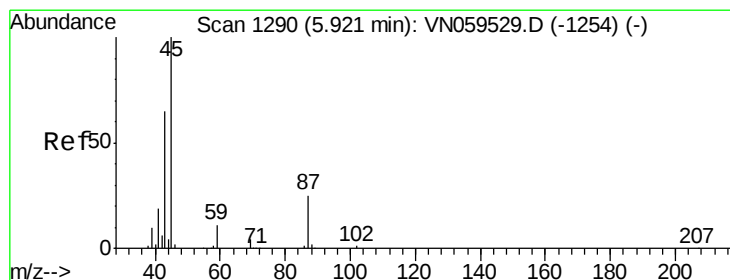
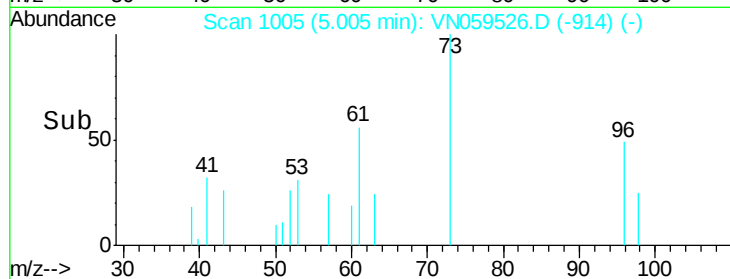
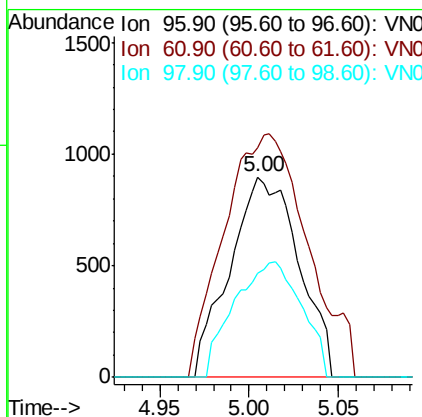
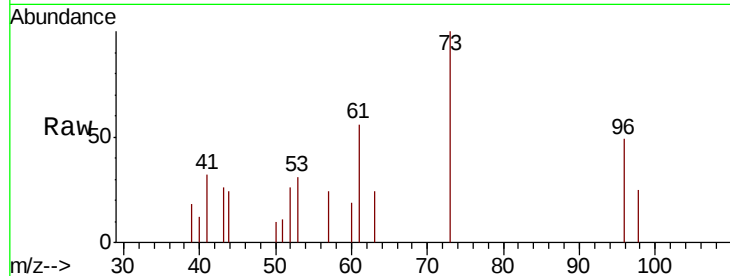
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 96 Resp: 2418

Ion	Ratio	Lower	Upper
96	100		
61	114.4	124.8	187.2#
98	51.8	51.0	76.4

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#22

Diisopropyl ether

Concen: 0.825 ug/l

RT: 5.92 min Scan# 1289

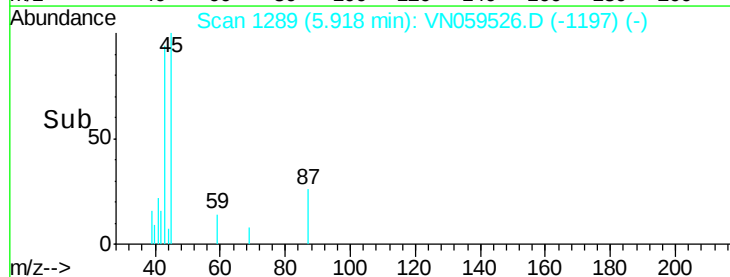
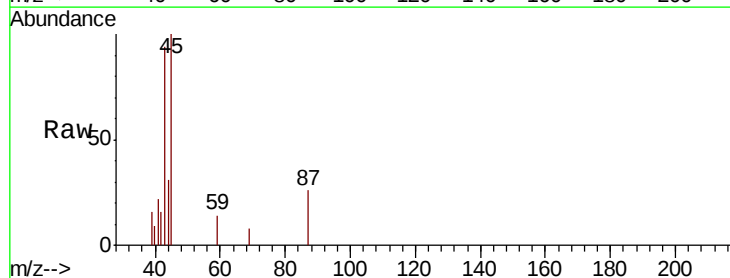
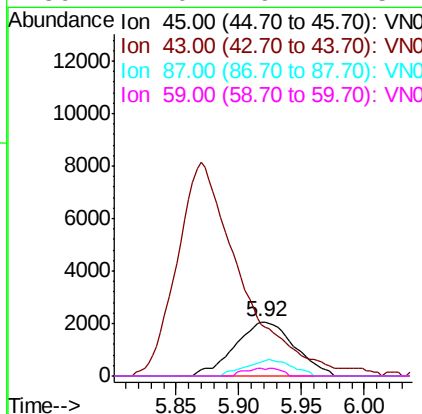
Delta R.T. -0.00 min

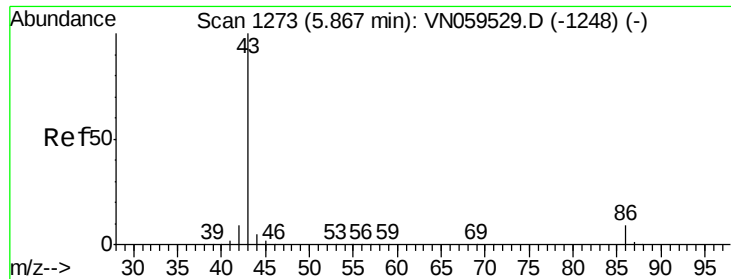
Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Tgt Ion: 45 Resp: 6810

Ion	Ratio	Lower	Upper
45	100		
43	80.3	52.8	79.2#
87	26.1	20.2	30.4
59	14.0	9.1	13.7#





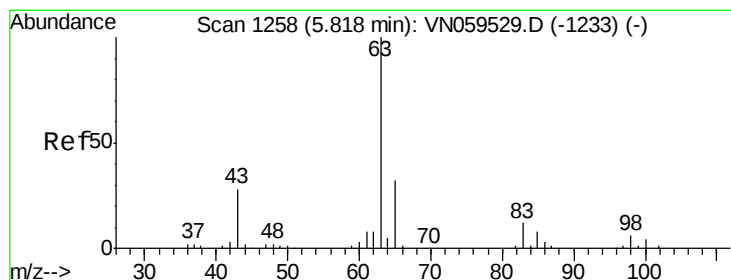
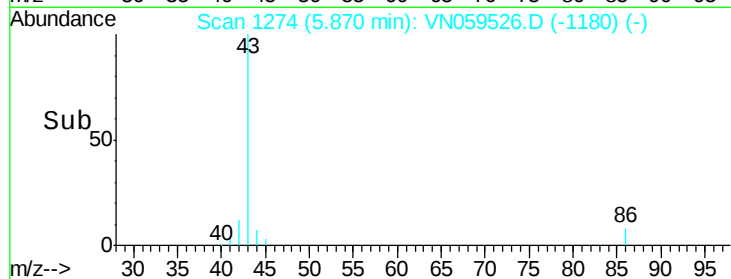
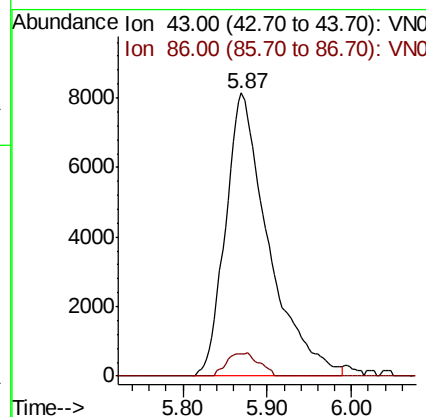
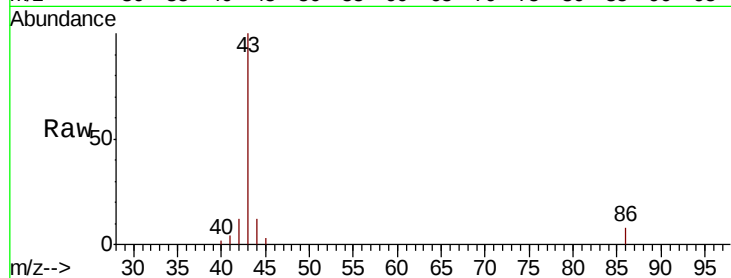
#23
 Vinyl Acetate
 Concen: 4.326 ug/l
 RT: 5.87 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 43 Resp: 28786
 Ion Ratio Lower Upper
 43 100
 86 7.9 7.4 11.2

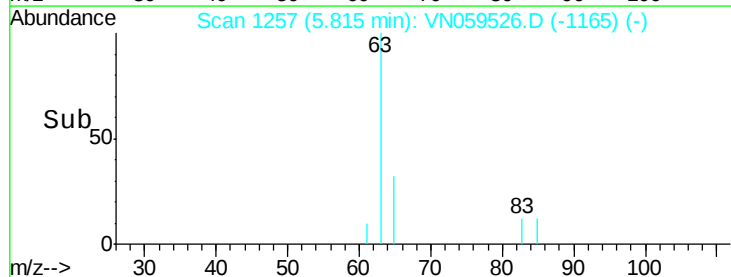
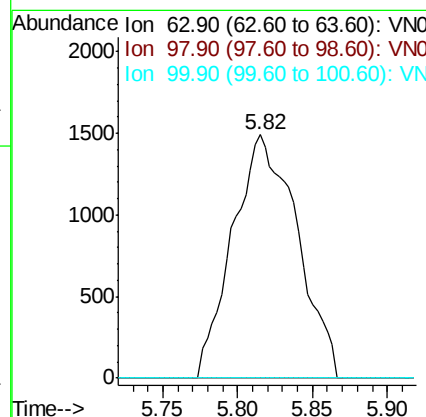
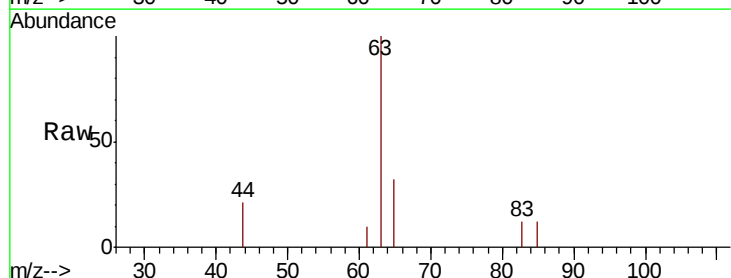
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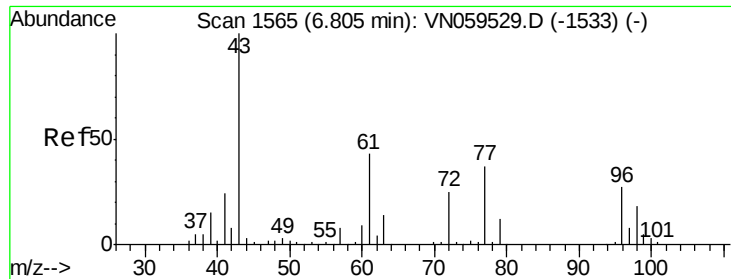
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#24
 1,1-Dichloroethane
 Concen: 0.954 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Tgt Ion: 63 Resp: 4464
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.0 9.0#
 100 0.0 1.8 5.3#





#25

2-Butanone

Concen: 4.555 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 9300

Ion Ratio Lower Upper

43 100

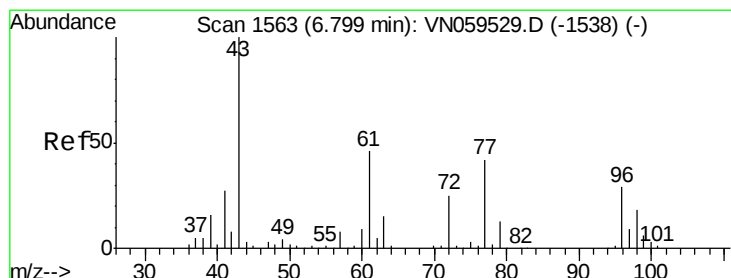
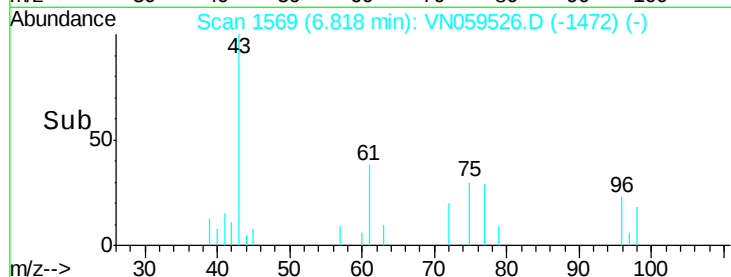
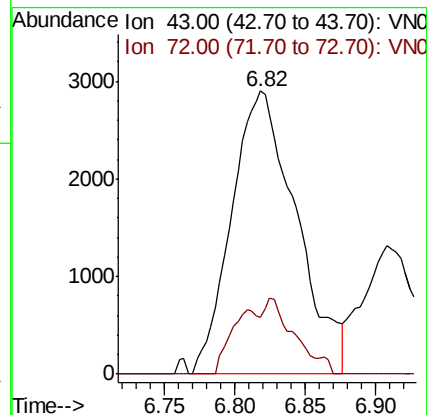
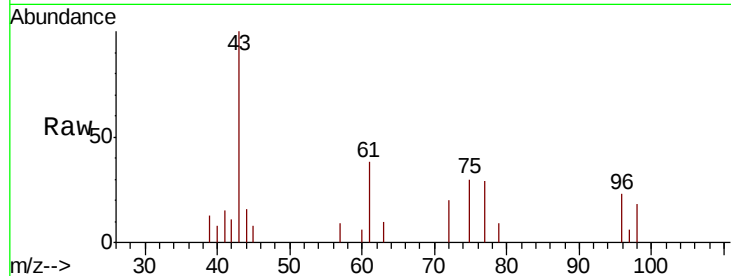
72 20.1 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 1.072 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059526.D

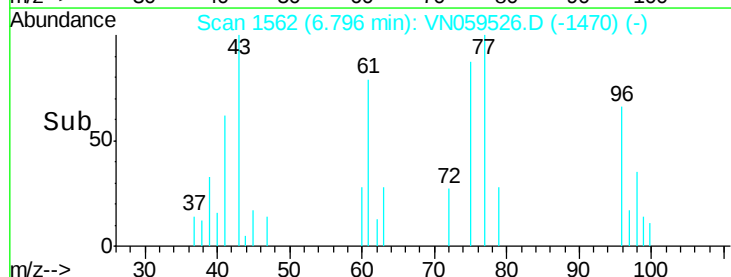
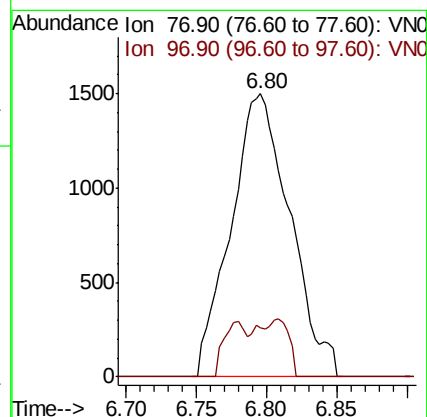
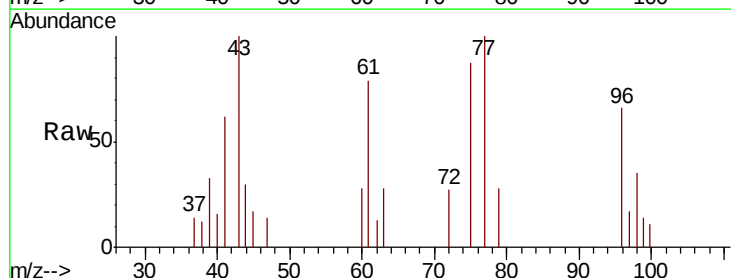
Acq: 9 Dec 2019 14:46

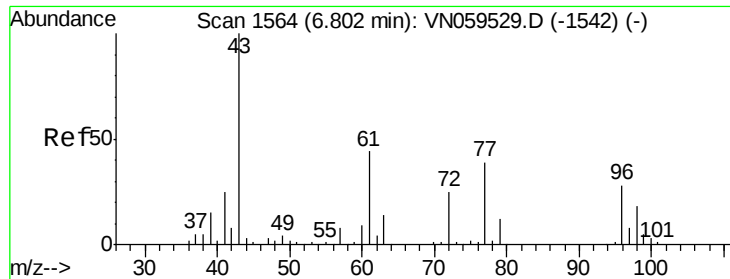
Tgt Ion: 77 Resp: 4382

Ion Ratio Lower Upper

77 100

97 7.3 10.5 31.6#





#27

cis-1,2-Dichloroethene

Concen: 1.014 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

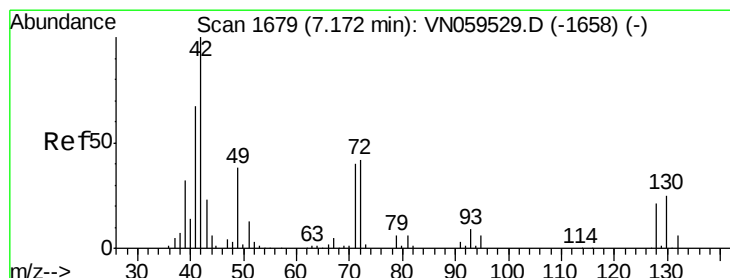
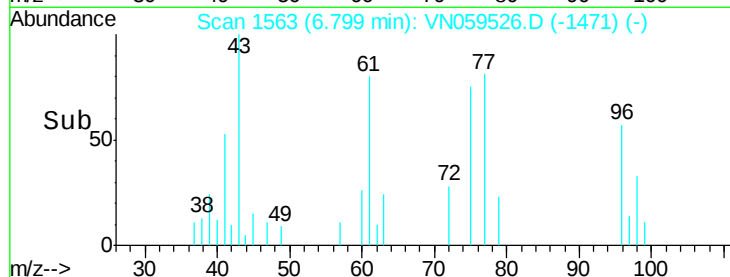
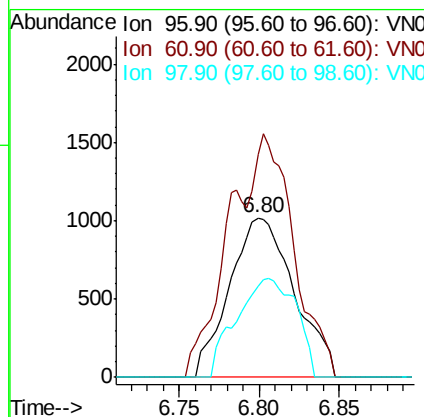
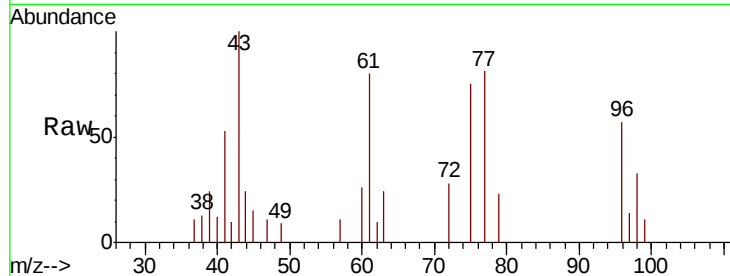
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2830
Ion	Ratio	Lower	Upper
96	100		
61	95.5	0.0	320.0
98	57.2	0.0	128.6

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#28

Bromochloromethane

Concen: 0.347 ug/l

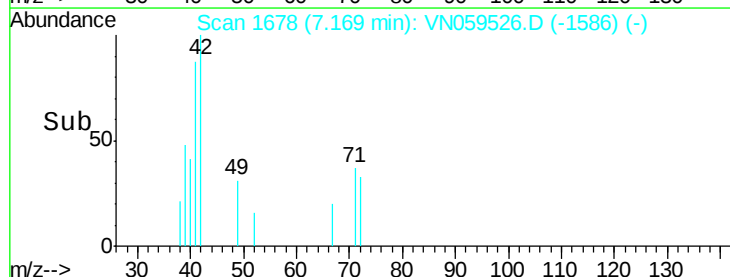
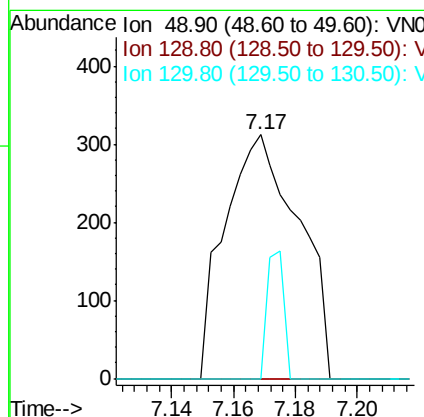
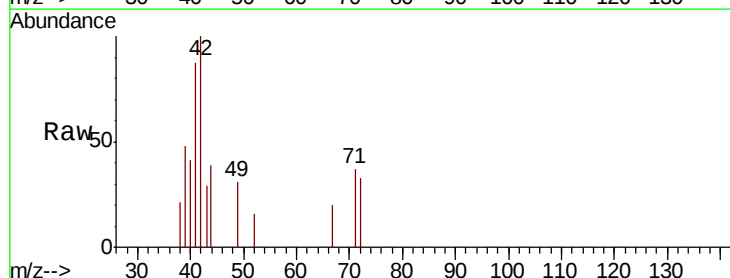
RT: 7.17 min Scan# 1678

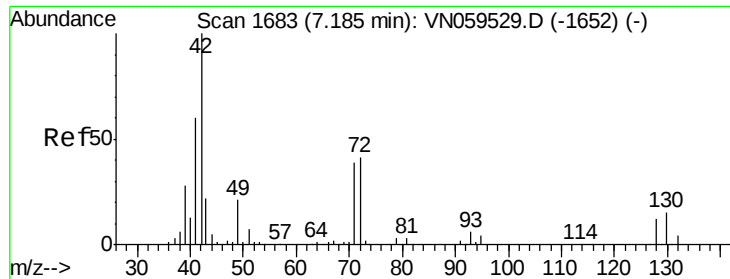
Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Tgt Ion:	49	Resp:	518
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.0
130	11.8	54.2	81.2#





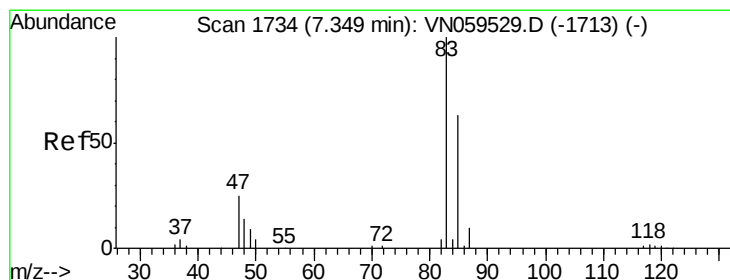
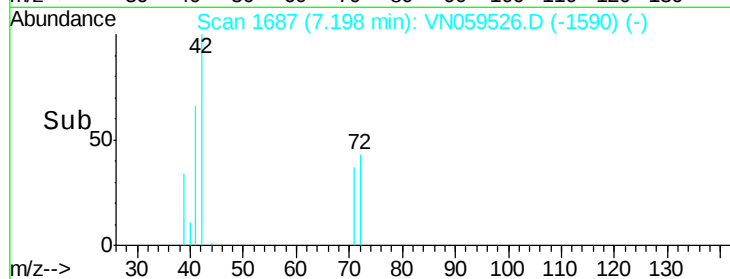
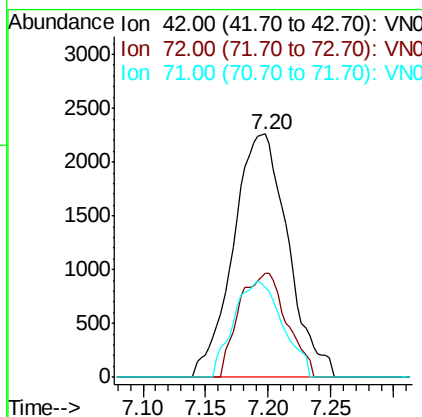
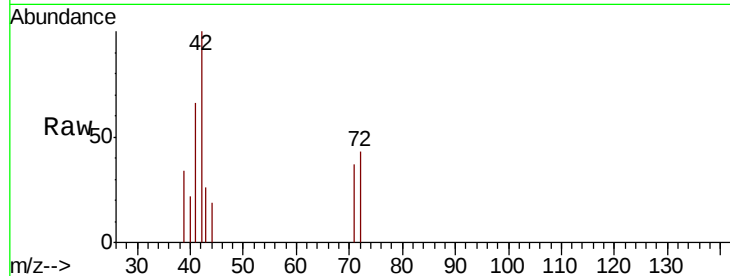
#29
Tetrahydrofuran
Concen: 5.328 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.2	32.7	49.1
71	35.1	31.4	47.2

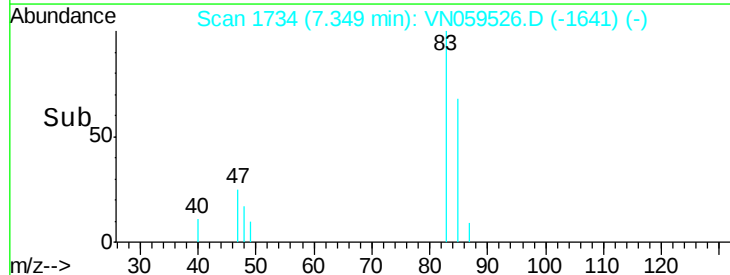
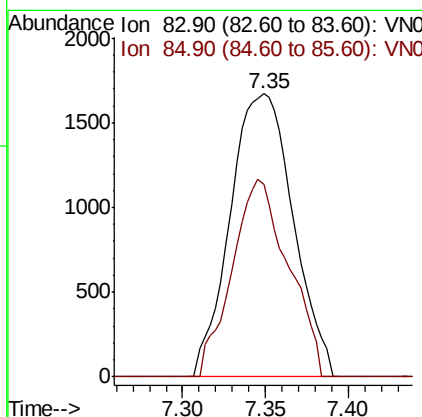
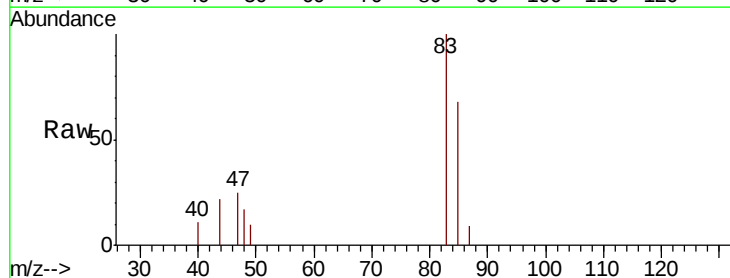
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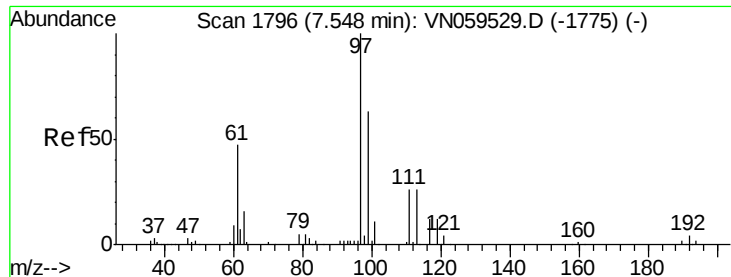
apatel
12/10/2019 5:10:30 PM



#30
Chloroform
Concen: 0.970 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.0	50.6	75.8





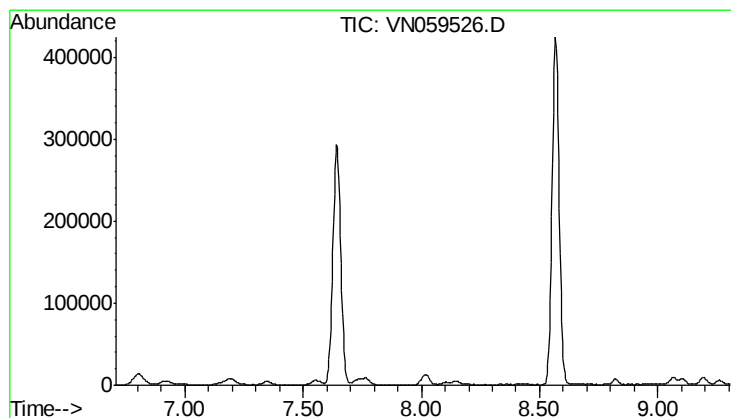
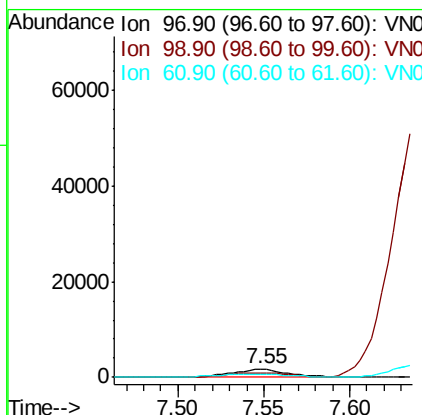
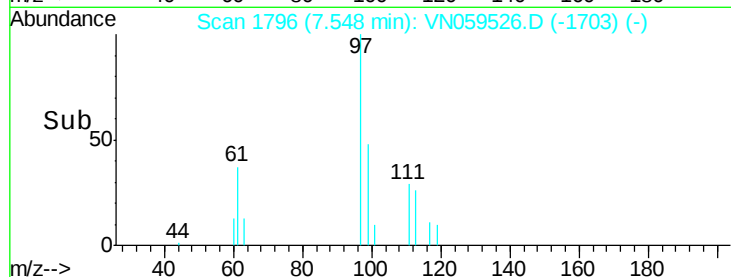
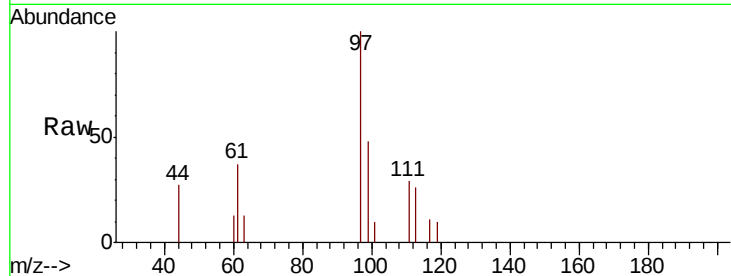
#32
 1,1,1-Trichloroethane
 Concen: 0.963 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.4	77.2#	
61	48.2	38.5	57.7	

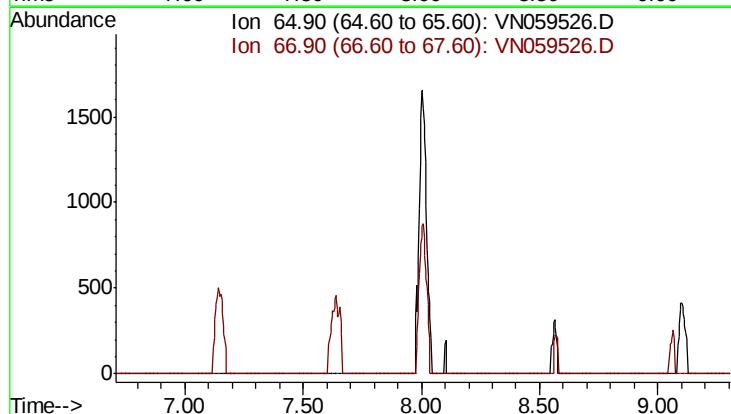
Manual Integrations
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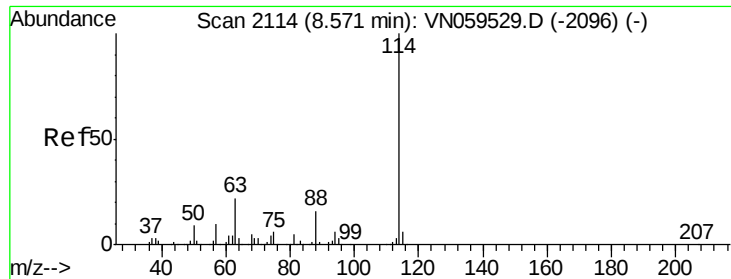
apatel
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#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.01 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Tgt Ion	Sig	Exp Ratio
65	100	
67	51.8	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

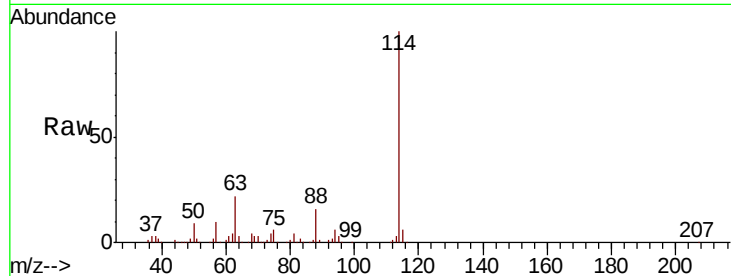
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	361371
Ion Ratio	Lower	Upper	
114	100		
63	22.1	0.0	45.0
88	16.3	0.0	32.2

Manual Integrations
APPROVED

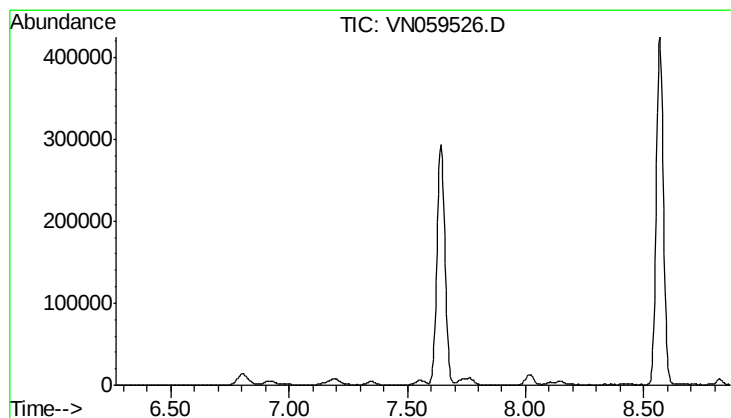
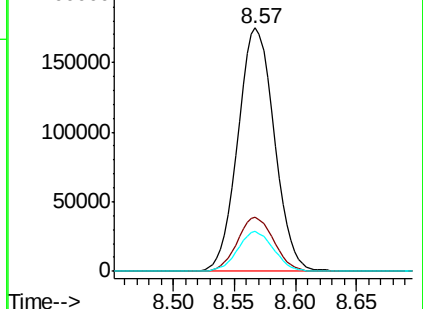
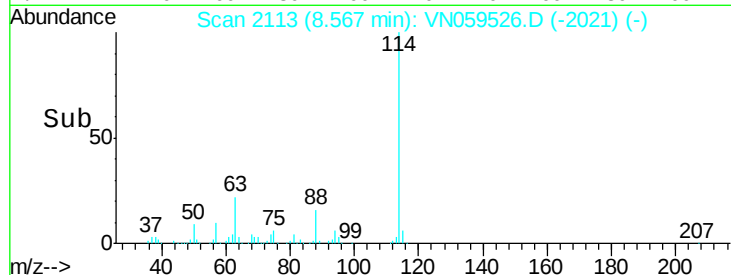
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.57 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

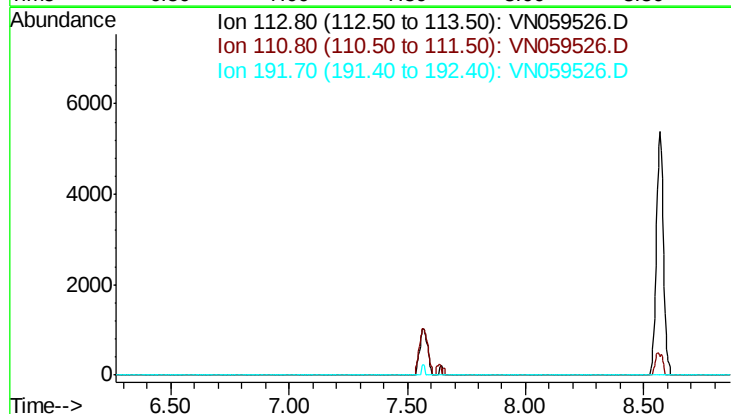
Tgt Ion: 113

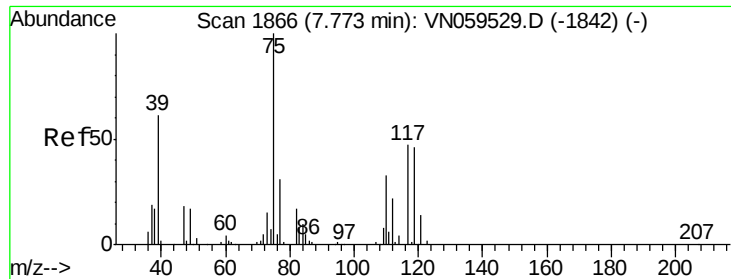
Sig Exp Ratio

113 100

111 102.8

192 18.5





#36

1,1-Dichloropropene

Concen: 0.935 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

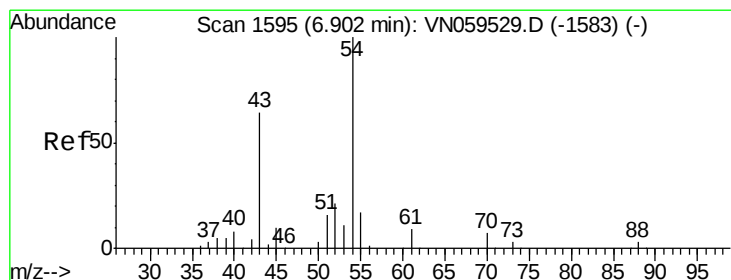
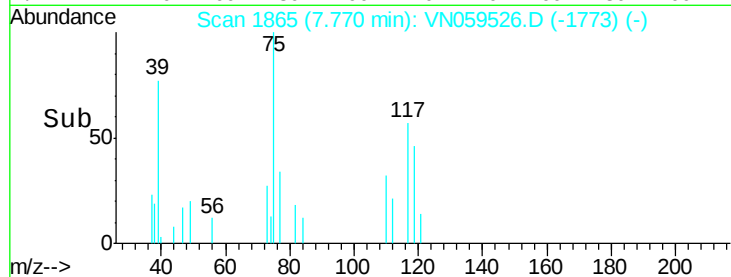
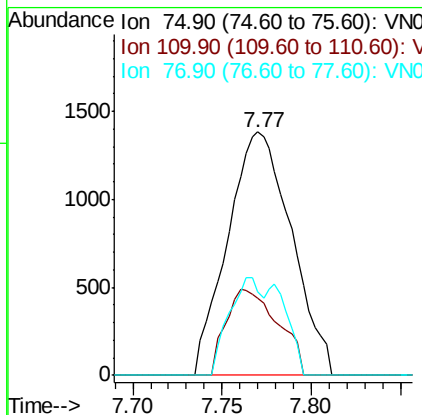
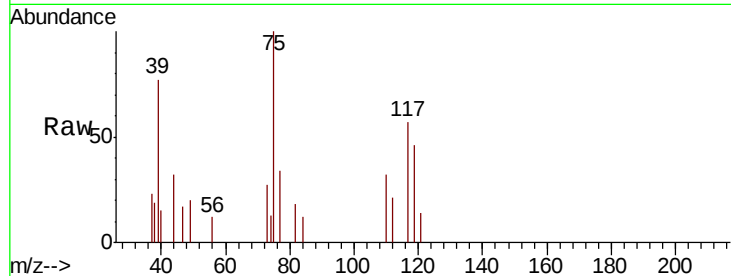
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	3445
Ion Ratio	Lower	Upper	
75	100		
110	28.9	16.7	50.0
77	20.7	24.6	37.0#

Manual Integrations
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#37

Ethyl Acetate

Concen: 0.651 ug/l

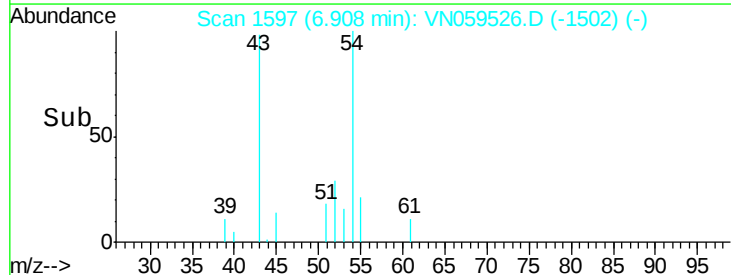
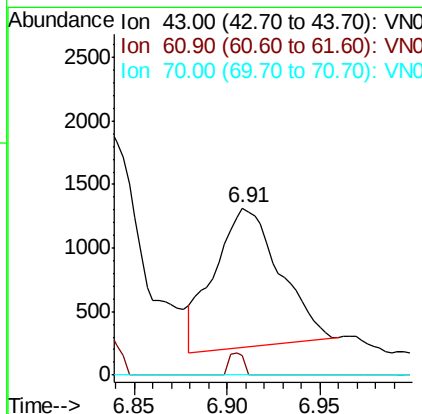
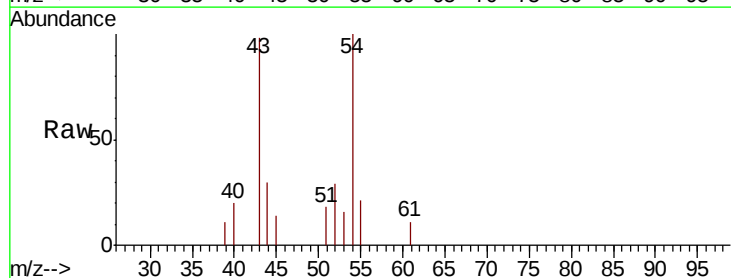
RT: 6.91 min Scan# 1597

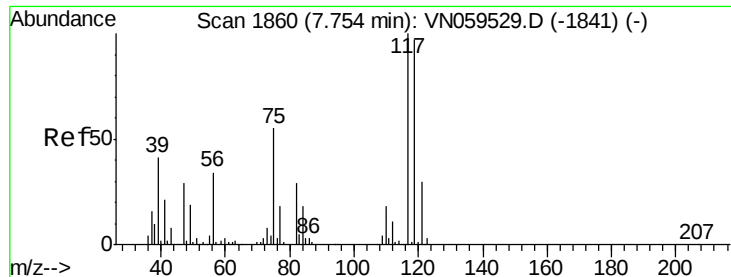
Delta R.T. 0.01 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Tgt Ion:	43	Resp:	2680
Ion Ratio	Lower	Upper	
43	100		
61	3.6	11.0	16.6#
70	0.0	7.7	11.5#





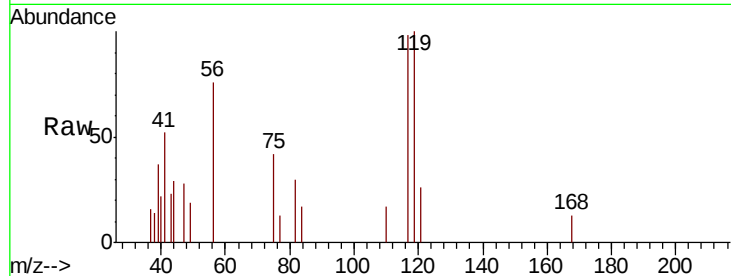
#38
Carbon Tetrachloride
Concen: 0.928 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.01 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	102.0	77.0	115.4
121	26.7	24.1	36.1

Manual Integrations
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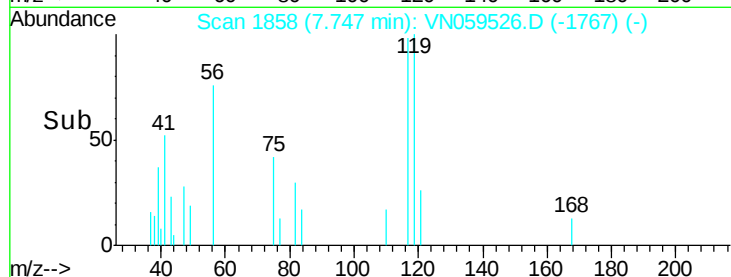


Abundance

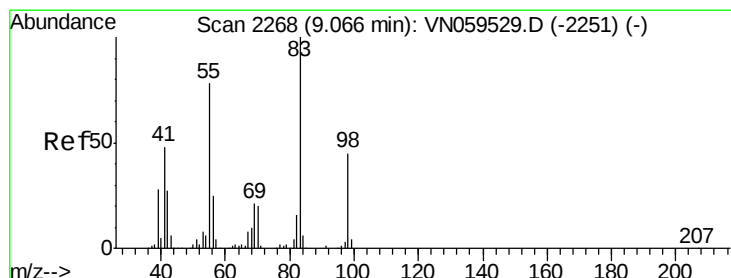
Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

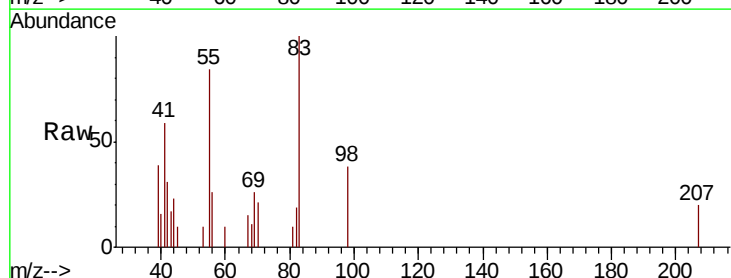


Time-->



#39
Methylcyclohexane
Concen: 0.772 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.8	62.7	94.1
98	38.3	35.7	53.5

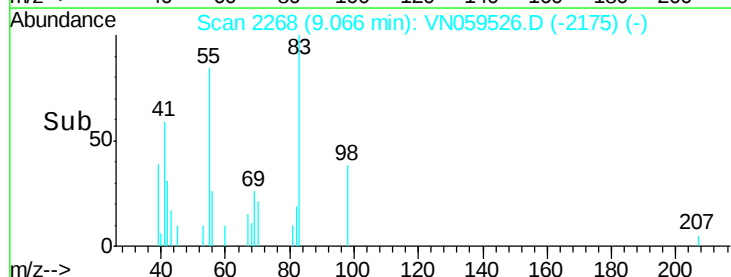


Abundance

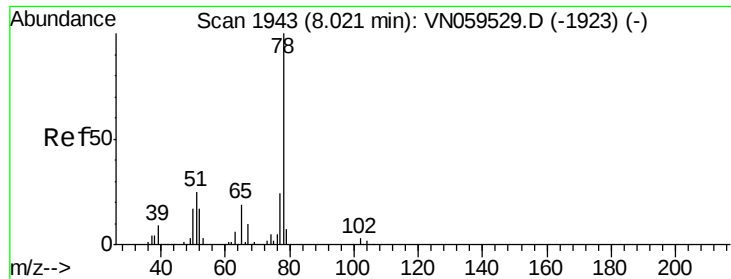
Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO



Time-->



#40

Benzene

Concen: 0.930 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 9991

Ion Ratio Lower Upper

78 100

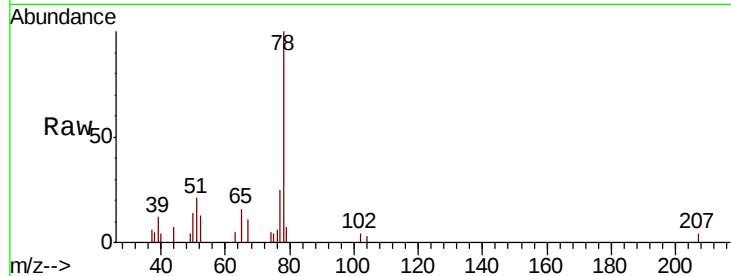
77 24.7 18.8 28.2

Manual Integrations

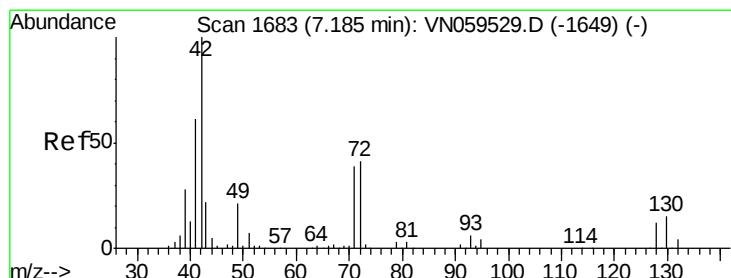
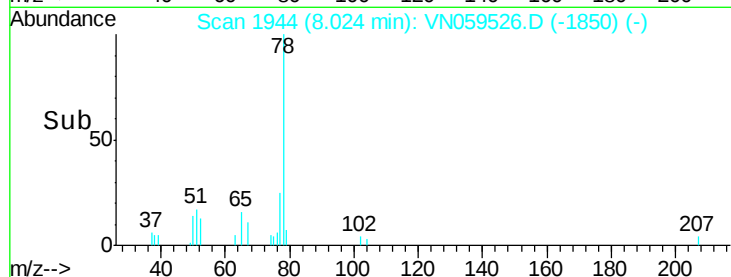
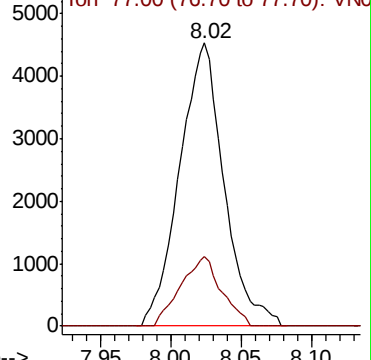
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Abundance Ion 78.00 (77.70 to 78.70): VN059526.D (-1850) (-)



#41

Methacrylonitrile

Concen: 0.638 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Tgt Ion: 41 Resp: 1083

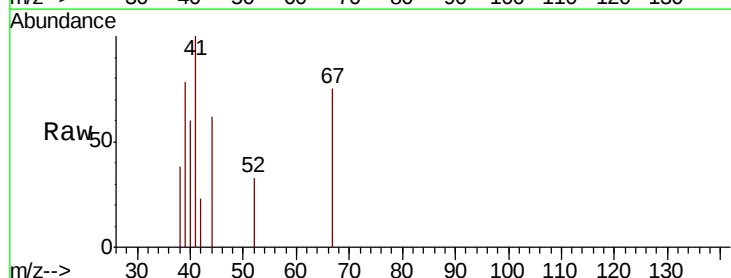
Ion Ratio Lower Upper

41 100

39 110.6 0.0 0.0#

67 105.6 0.0 0.0#

52 37.5 0.0 0.0#

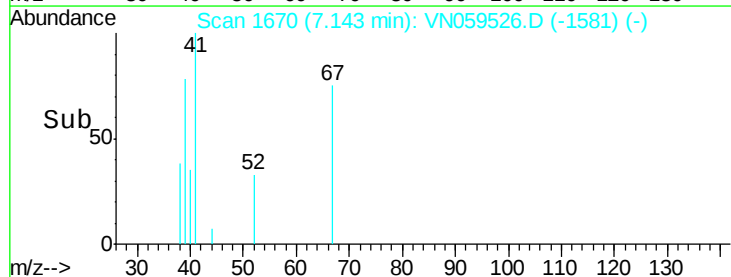
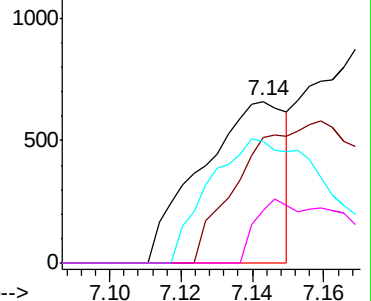


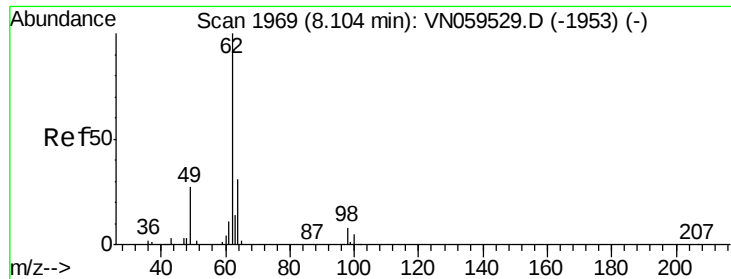
Abundance Ion 41.00 (40.70 to 41.70): VN059526.D (-1581) (-)

Ion 39.00 (38.70 to 39.70): VN059526.D (-1581) (-)

Ion 67.00 (66.70 to 67.70): VN059526.D (-1581) (-)

Ion 52.00 (51.70 to 52.70): VN059526.D (-1581) (-)





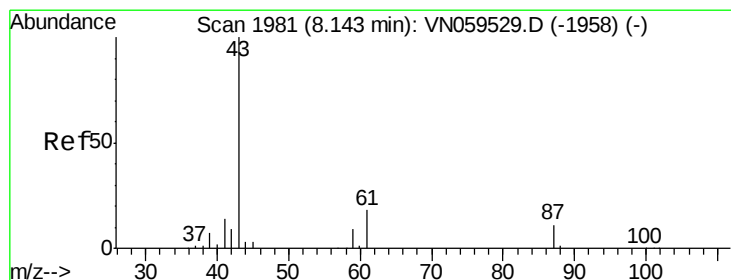
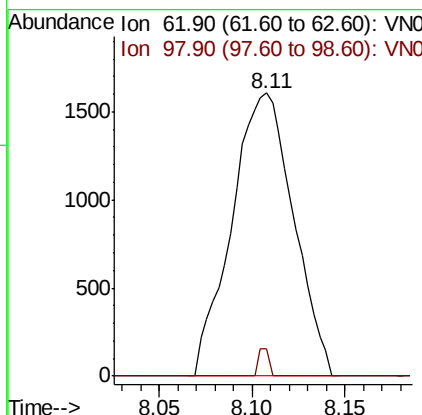
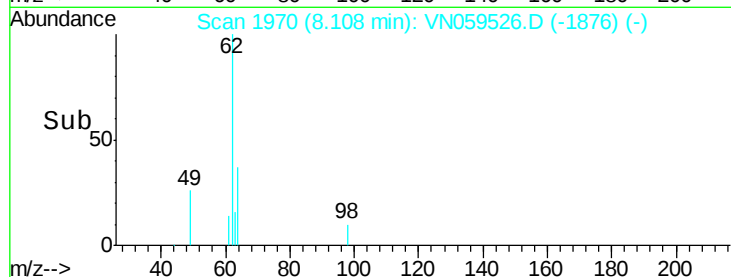
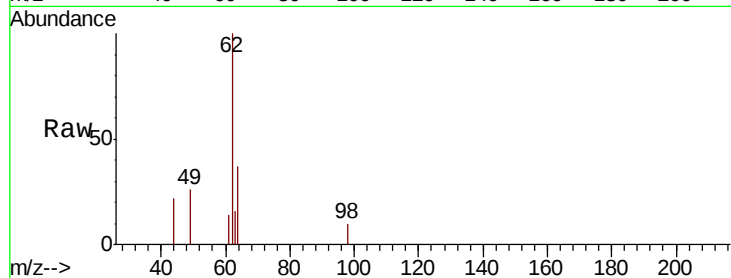
#42
 1,2-Dichloroethane
 Concen: 0.998 ug/l
 RT: 8.11 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	1.6	0.0	15.4

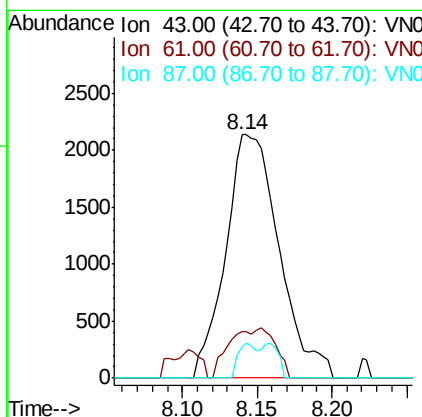
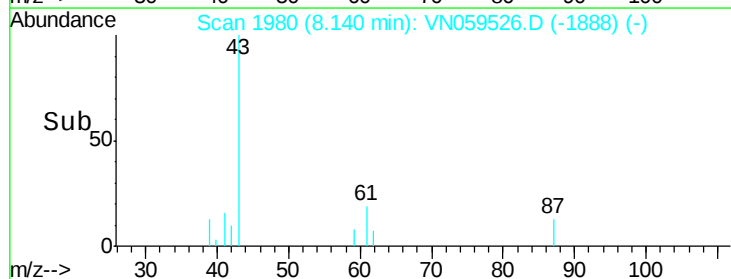
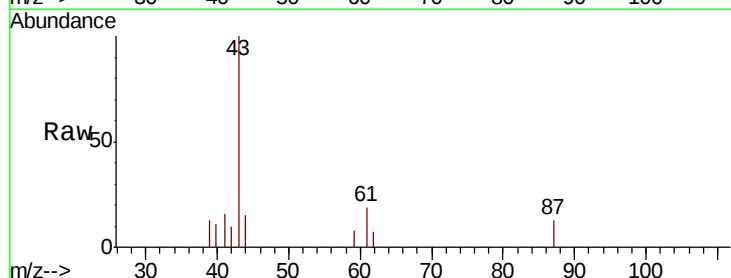
Manual Integrations
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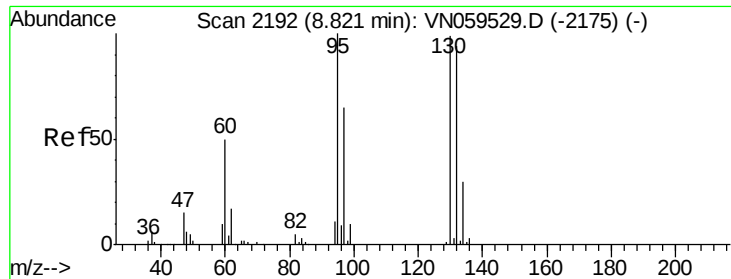
apatel
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#43
 Isopropyl Acetate
 Concen: 0.865 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.8	19.8	29.6#
87	4.7	9.4	14.2#





#44

Trichloroethene

Concen: 0.922 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 2583

Ion Ratio Lower Upper

130 100

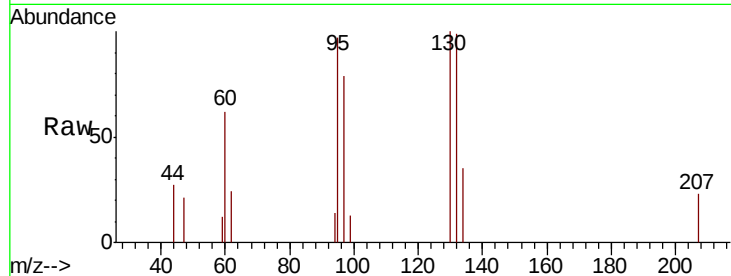
95 97.0 0.0 202.0

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.82

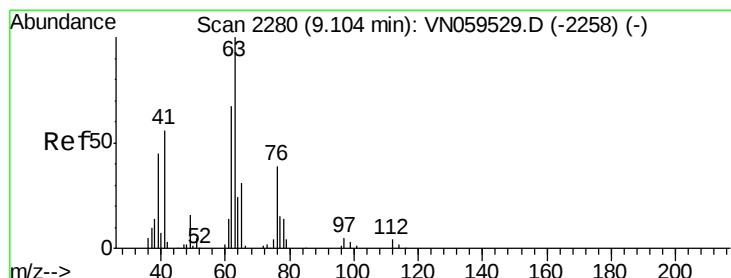
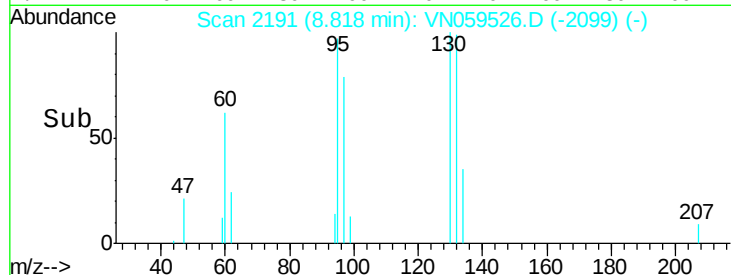
1500

1000

500

0

Time-->



#45

1,2-Dichloropropane

Concen: 0.860 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059526.D

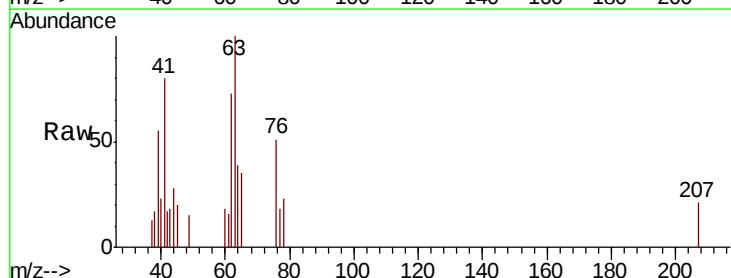
Acq: 9 Dec 2019 14:46

Tgt Ion: 63 Resp: 2471

Ion Ratio Lower Upper

63 100

65 34.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN

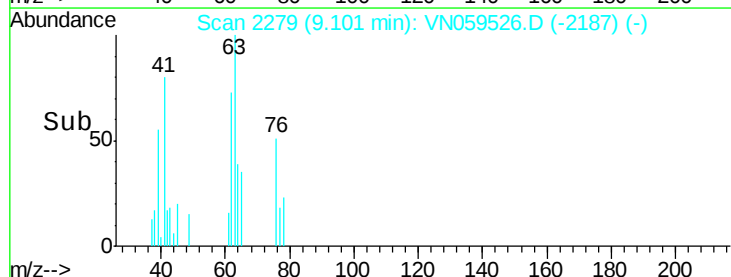
9.10

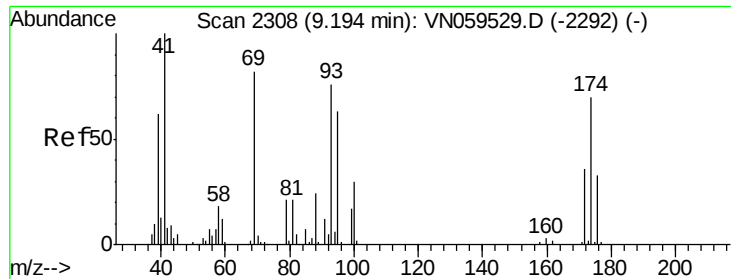
1000

500

0

Time-->





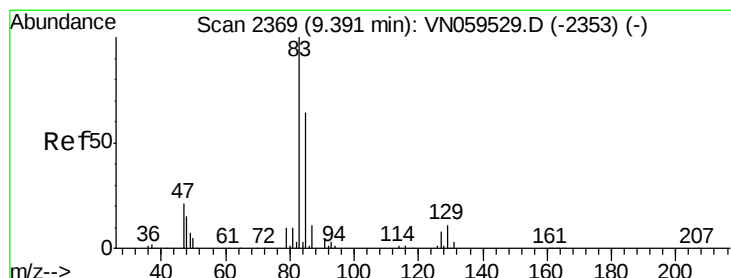
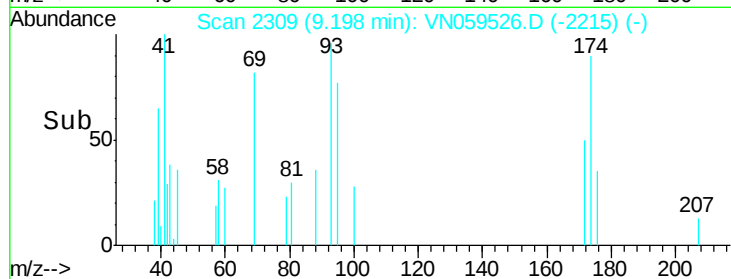
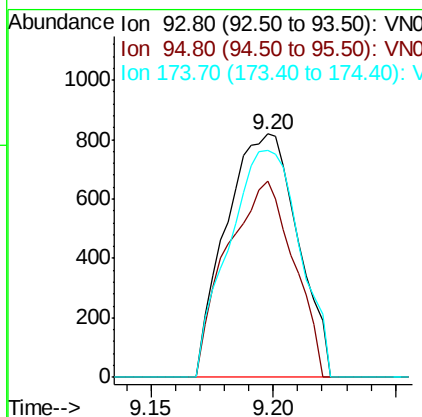
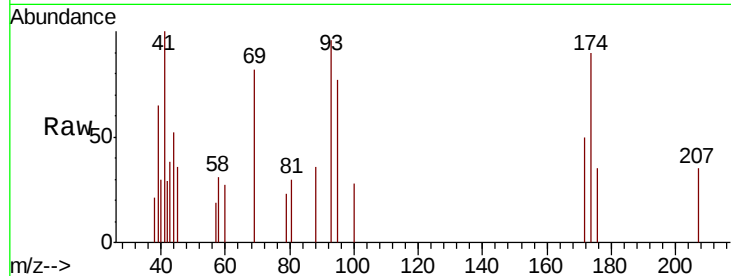
#46
Dibromomethane
Concen: 0.928 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 1669
Ion Ratio Lower Upper
93 100
95 75.1 67.0 100.6
174 92.3 75.6 113.4

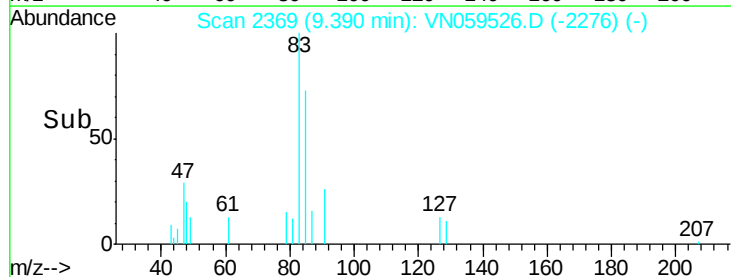
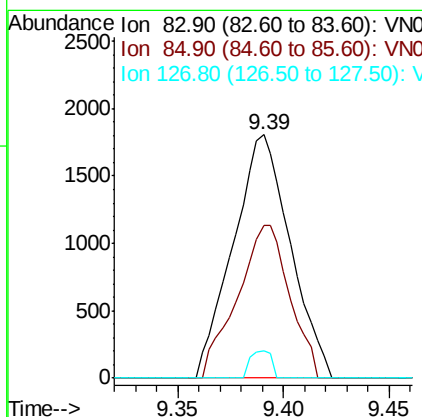
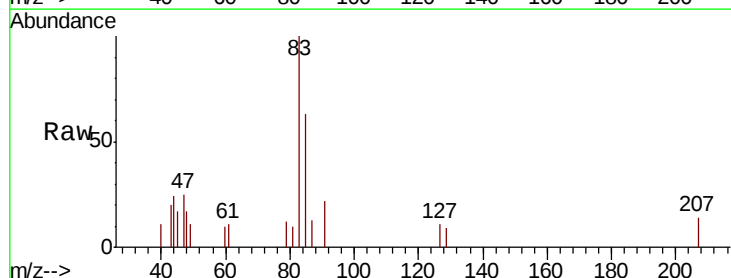
Manual Integrations
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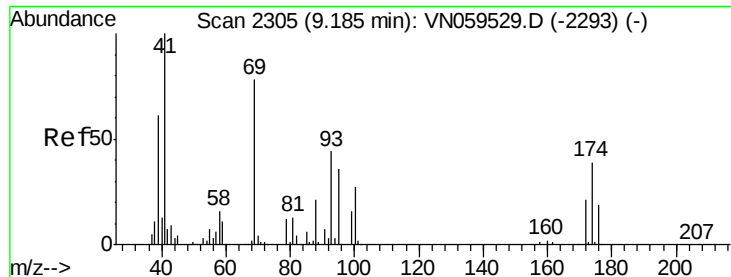
apatel
12/10/2019 5:10:30 PM



#47
Bromodichloromethane
Concen: 0.939 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion: 83 Resp: 3399
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.0
127 11.3 6.7 10.1#





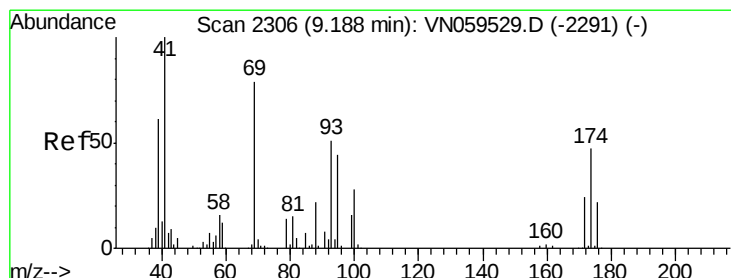
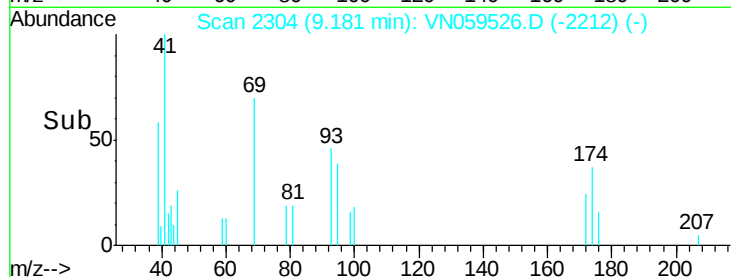
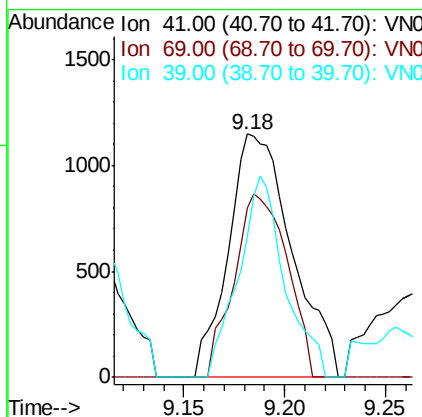
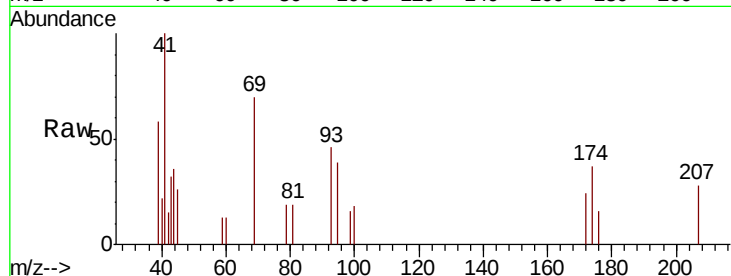
#48
Methvl methacrylate
Concen: 0.911 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	63.4	64.0	96.0#
39	60.2	50.0	75.0

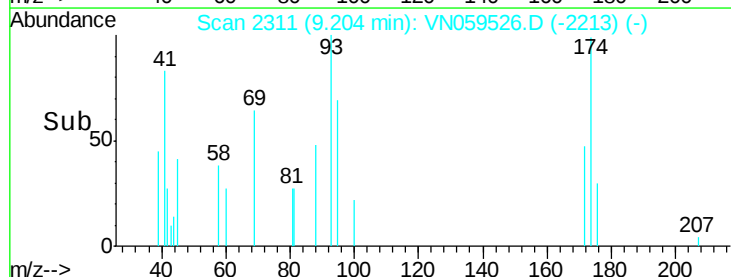
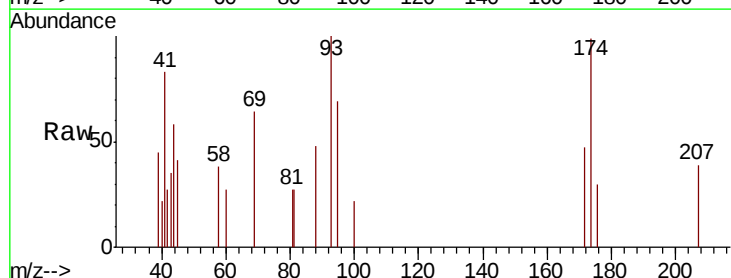
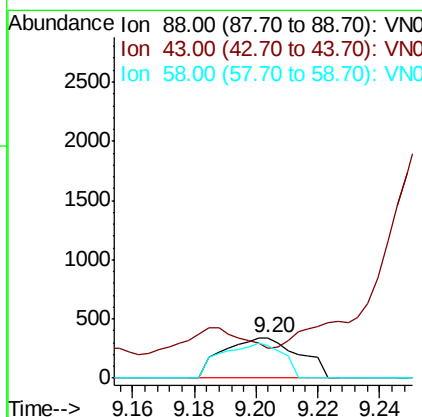
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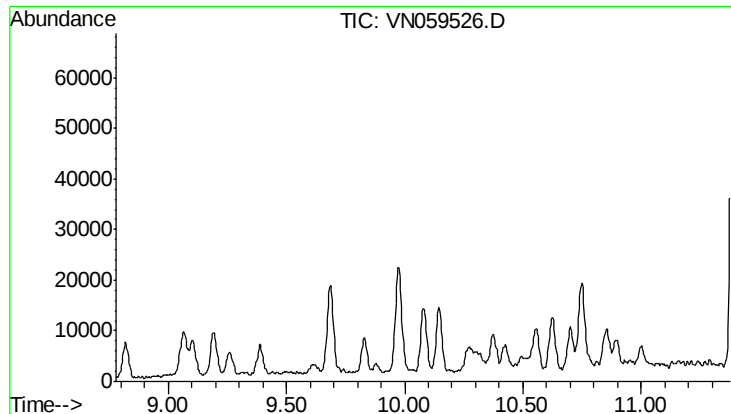
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#49
1,4-Dioxane
Concen: 14.150 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.02 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
88	100		
43	45.5	31.4	47.0
58	70.6	61.0	91.6





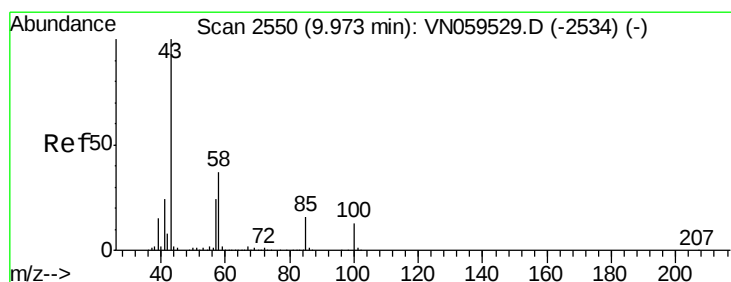
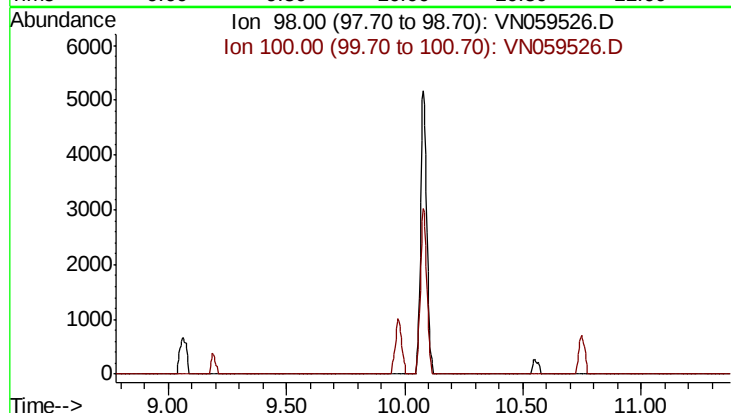
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.08 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.8

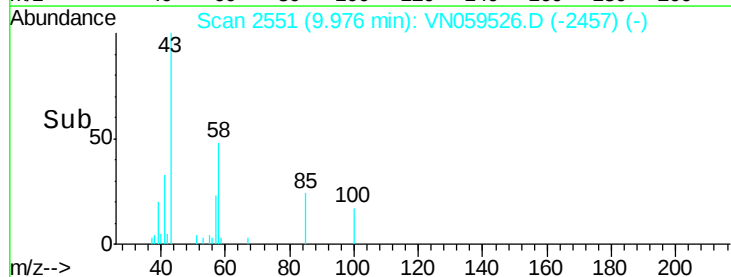
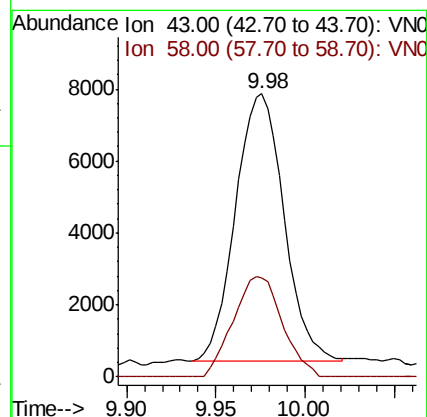
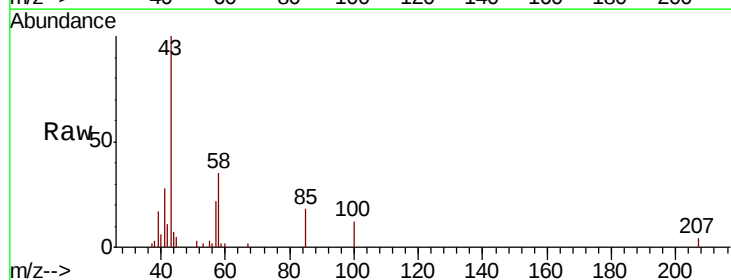
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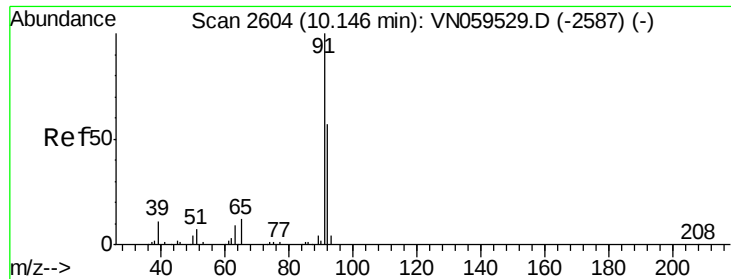
apatel
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#51
4-Methyl-2-Pentanone
Concen: 3.839 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion: 43 Resp: 14001
Ion Ratio Lower Upper
43 100
58 37.9 30.1 45.1





#52

Toluene

Concen: 0.840 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 5440

Ion Ratio Lower Upper

92 100

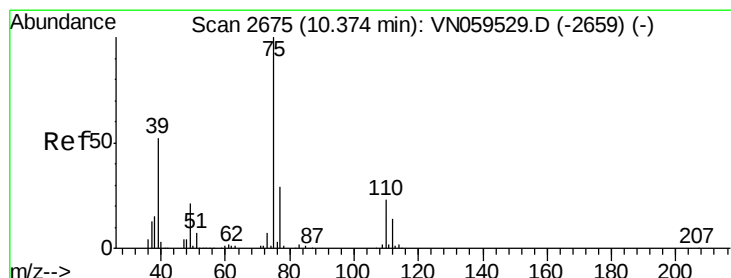
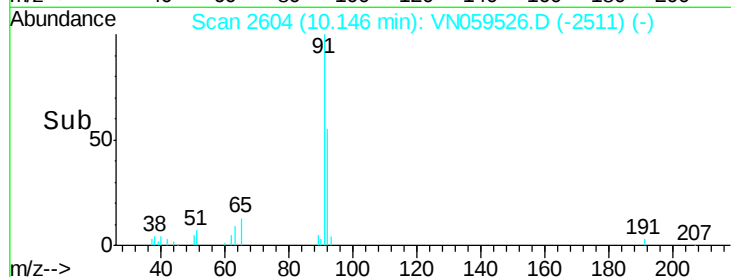
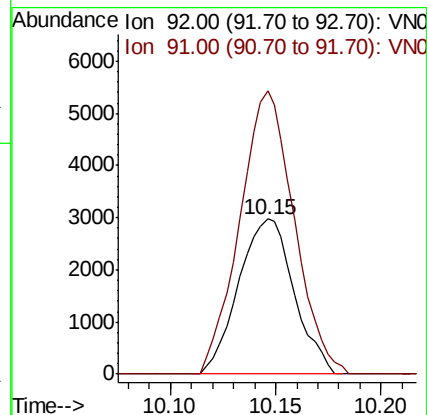
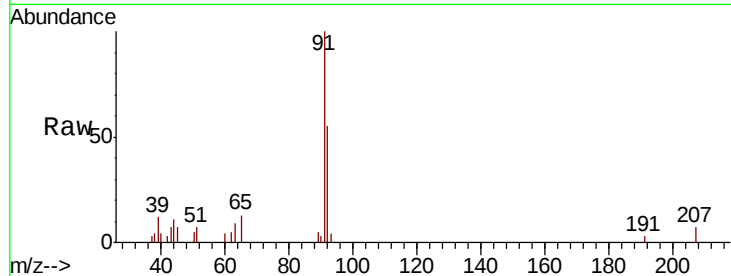
91 178.6 140.7 211.1

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#53

t-1,3-Dichloropropene

Concen: 0.910 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059526.D

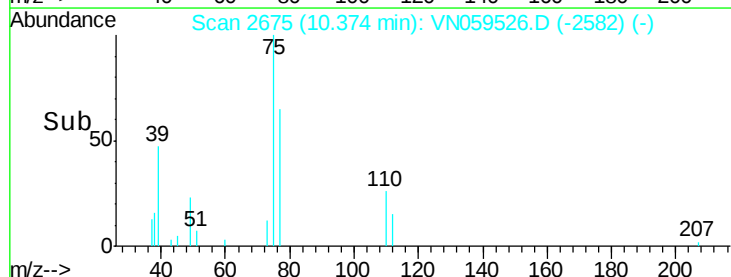
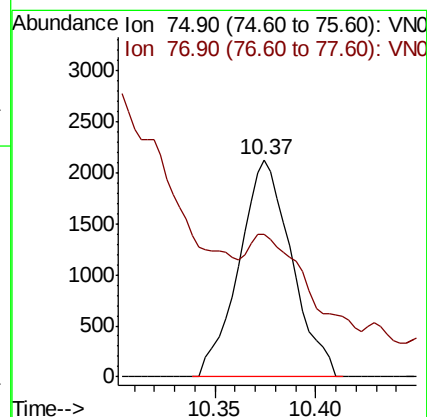
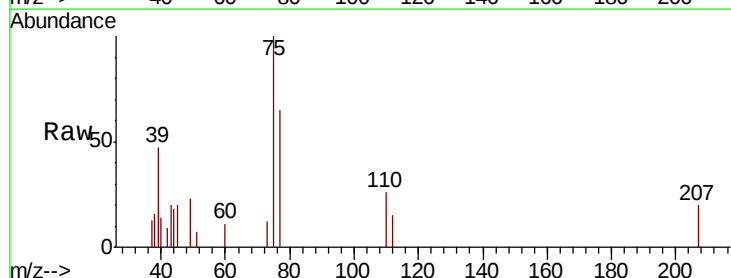
Acq: 9 Dec 2019 14:46

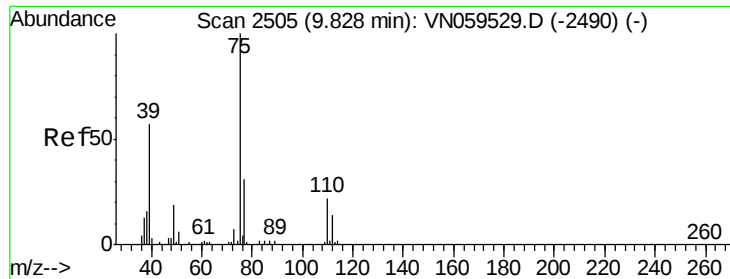
Tgt Ion: 75 Resp: 3863

Ion Ratio Lower Upper

75 100

77 37.5 24.5 36.7#





#54

cis-1,3-Dichloropropene

Concen: 0.871 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

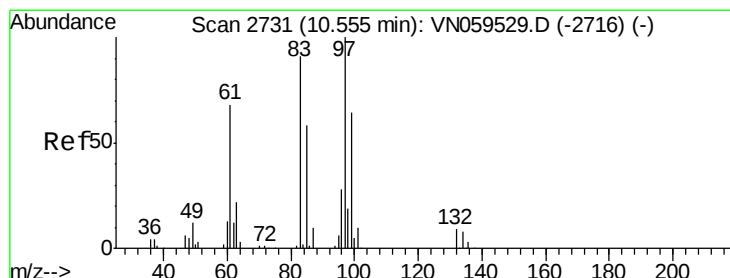
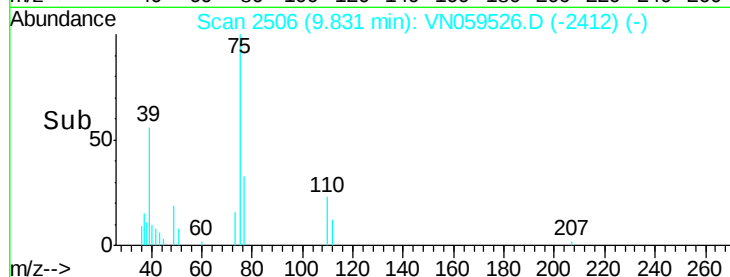
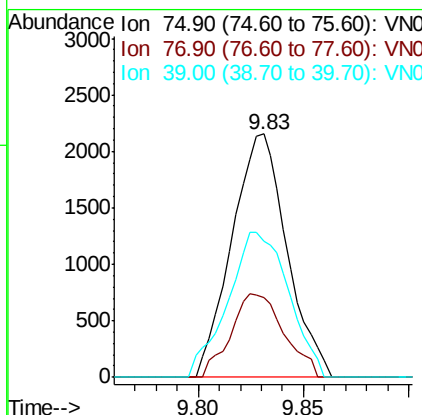
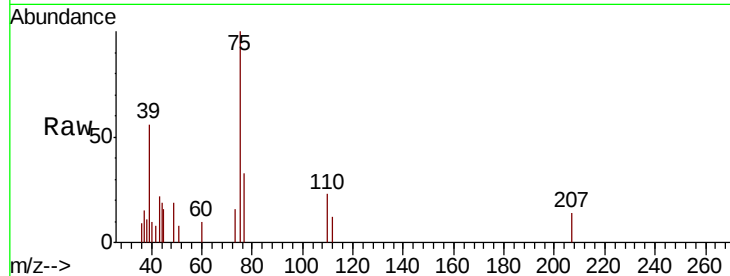
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	3900
Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.6	36.8
39	55.8	45.6	68.4

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#55

1,1,2-Trichloroethane

Concen: 0.932 ug/l

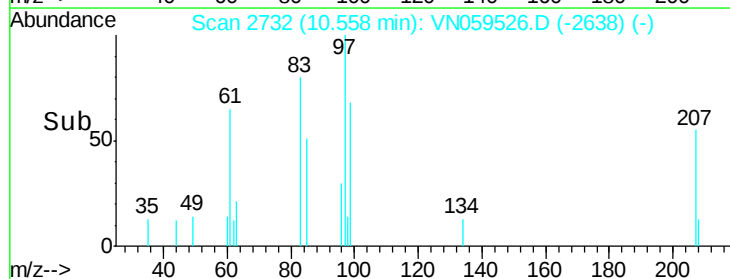
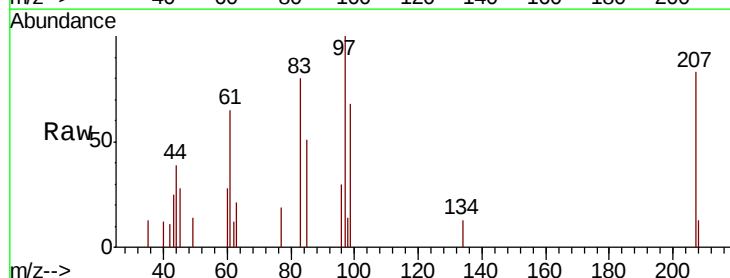
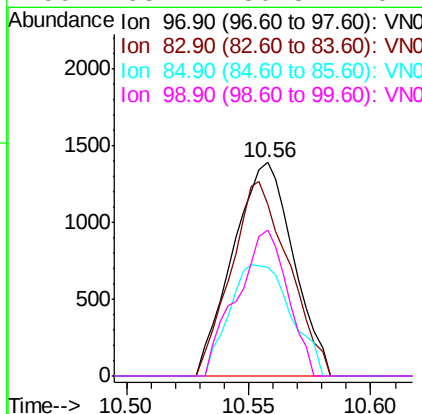
RT: 10.56 min Scan# 2732

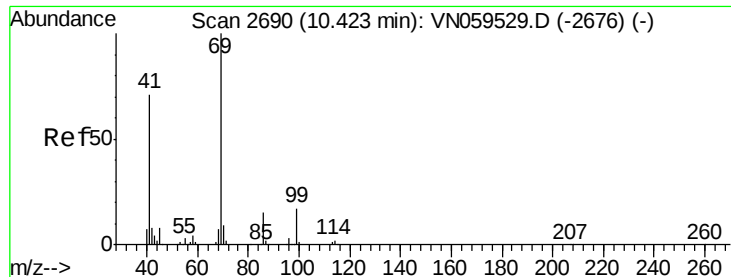
Delta R.T. 0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Tgt Ion:	97	Resp:	2385
Ion	Ratio	Lower	Upper
97	100		
83	80.4	72.9	109.3
85	50.9	46.1	69.1
99	68.2	50.8	76.2





#56

Ethyl methacrylate

Concen: 0.703 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

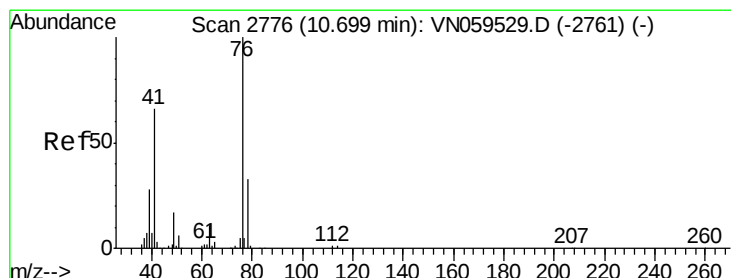
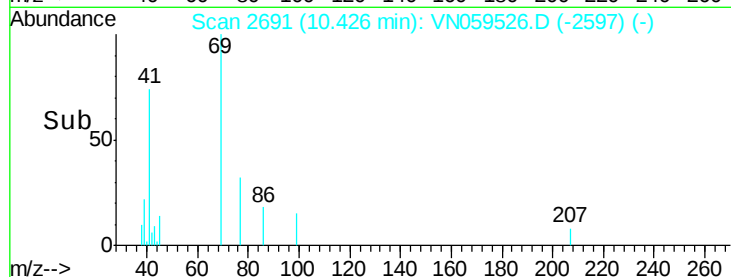
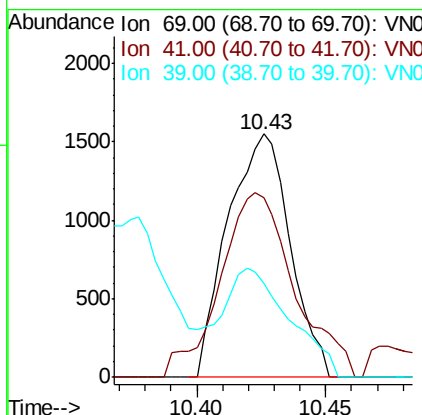
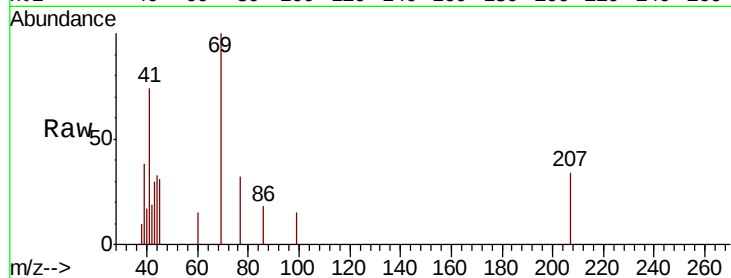
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	2605
Ion	Ratio	Lower	Upper
69	100		
41	90.2	57.7	86.5#
39	47.3	34.2	51.2

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#57

1,3-Dichloropropane

Concen: 0.964 ug/l

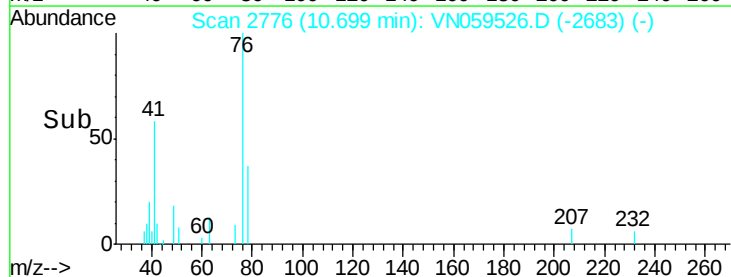
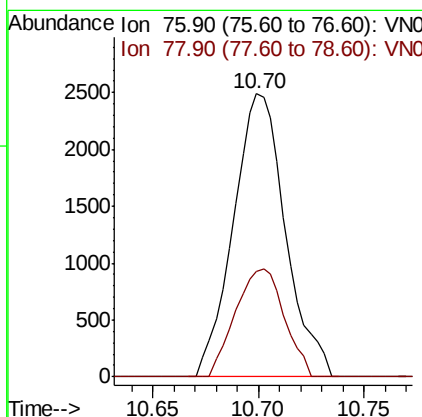
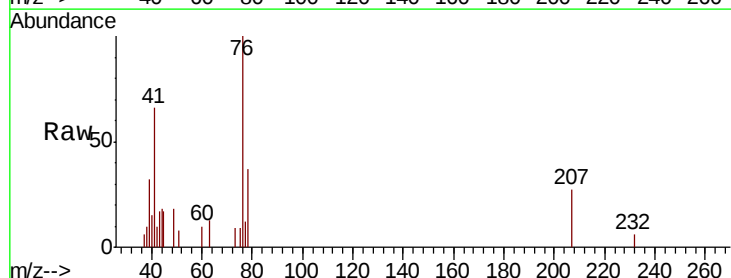
RT: 10.70 min Scan# 2776

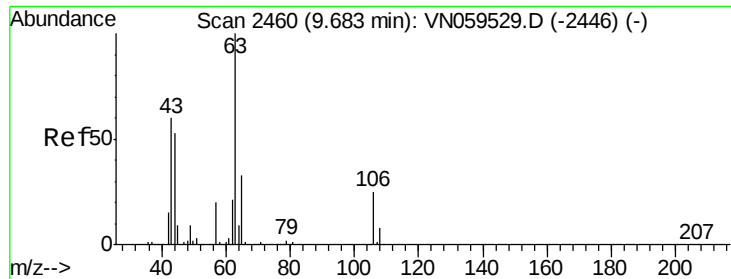
Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Tgt Ion:	76	Resp:	4281
Ion	Ratio	Lower	Upper
76	100		
78	35.7	26.1	39.1





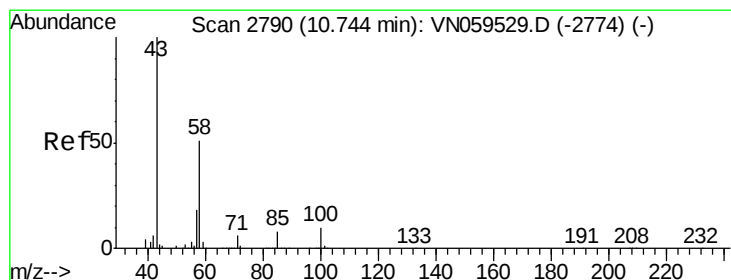
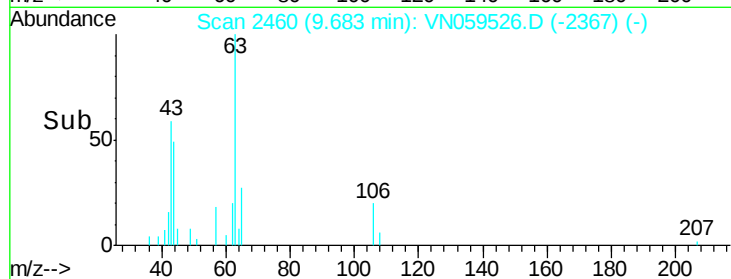
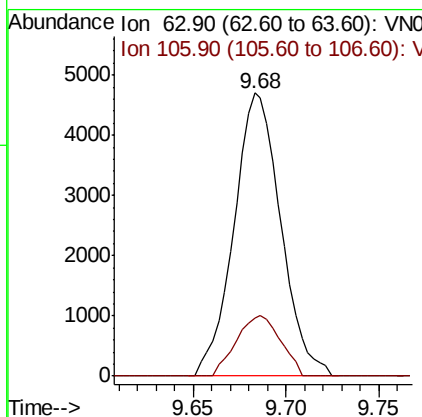
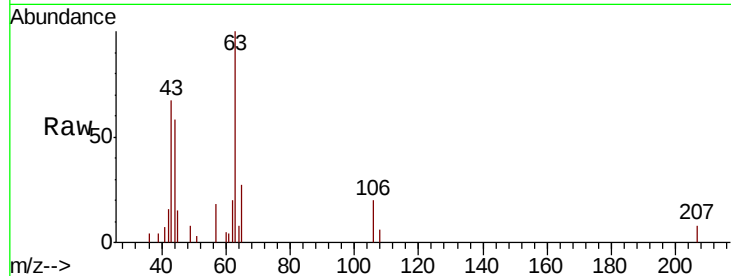
#58
 2-Chloroethyl Vinyl ether
 Concen: 7.633 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 8265
 Ion Ratio Lower Upper
 63 100
 106 20.1 19.9 29.9

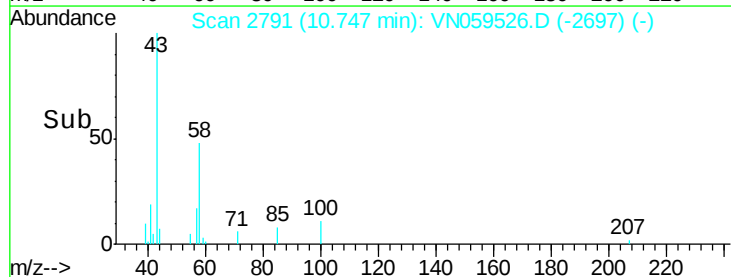
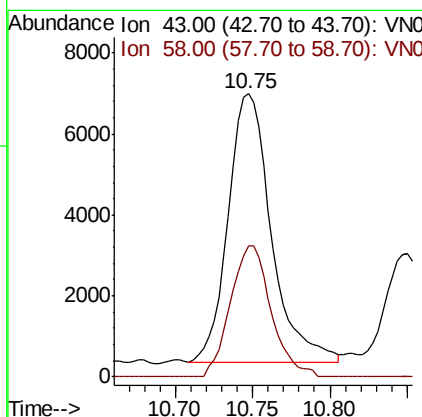
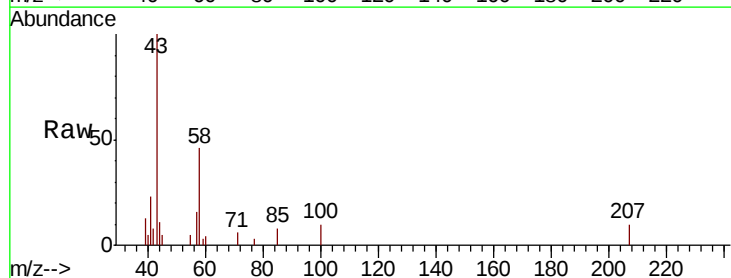
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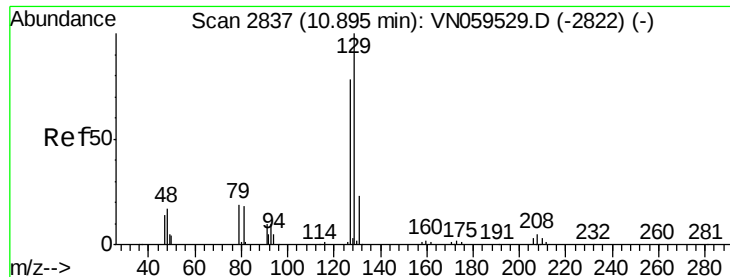
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#59
 2-Hexanone
 Concen: 4.657 ug/l
 RT: 10.75 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Tgt Ion: 43 Resp: 12783
 Ion Ratio Lower Upper
 43 100
 58 46.1 25.9 77.6





#60

Dibromochloromethane

Concen: 0.973 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2674

Ion Ratio Lower Upper

129 100

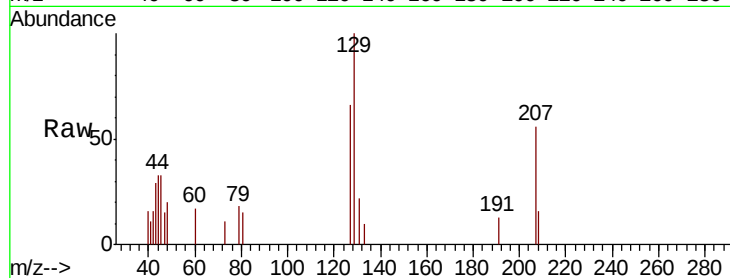
127 71.8 38.9 116.6

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.89

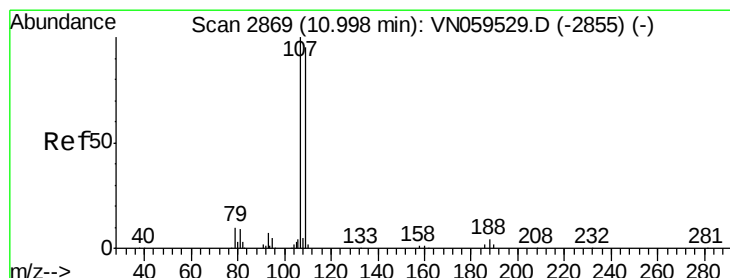
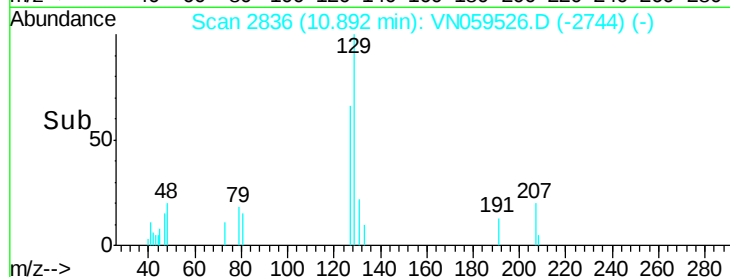
1500

1000

500

0

Time-->



#61

1,2-Dibromoethane

Concen: 1.046 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.01 min

Lab File: VN059526.D

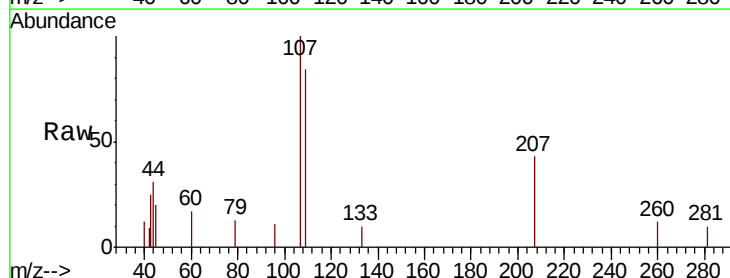
Acq: 9 Dec 2019 14:46

Tgt Ion:107 Resp: 2773

Ion Ratio Lower Upper

107 100

109 97.6 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

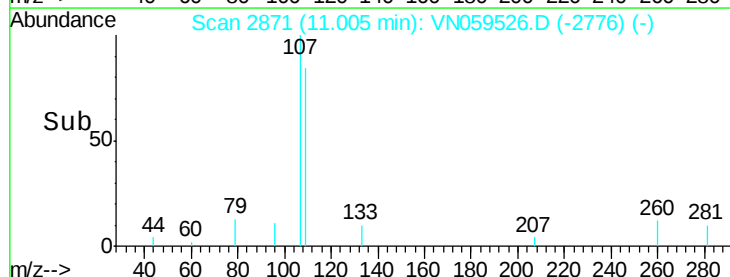
1500

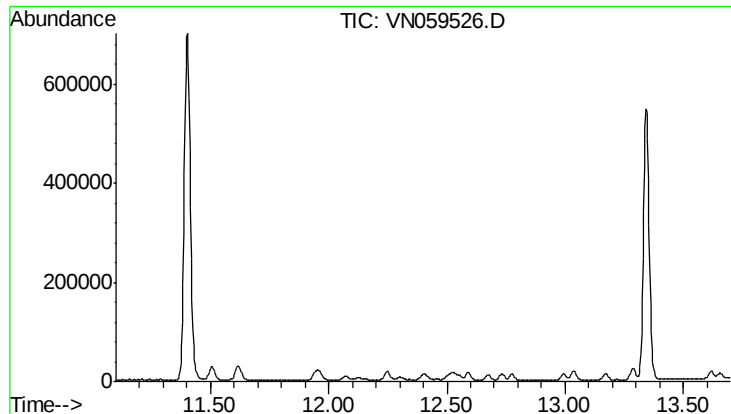
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.40 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Tot Ion: 95

Sig Exp Ratio

95 100

174 79.0

176 77.7

Instrument :

MSVOA_N

ClientSampleId :

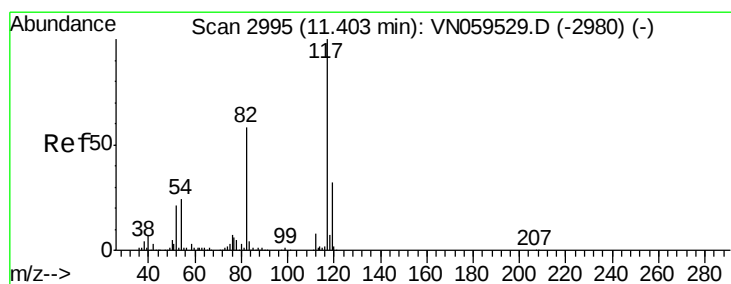
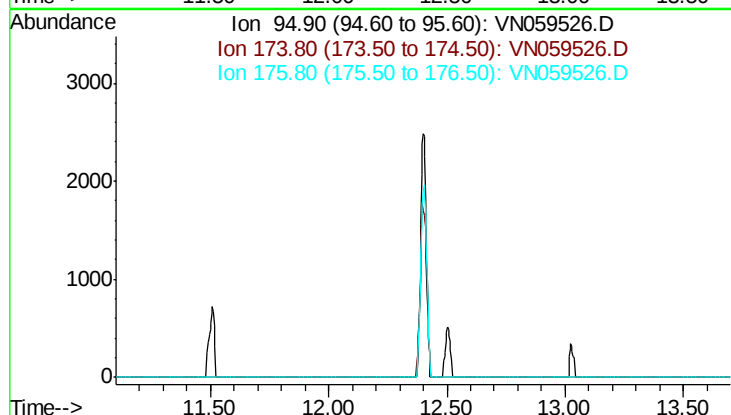
VSTDIC001

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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: VN059526.D

Acq: 9 Dec 2019 14:46

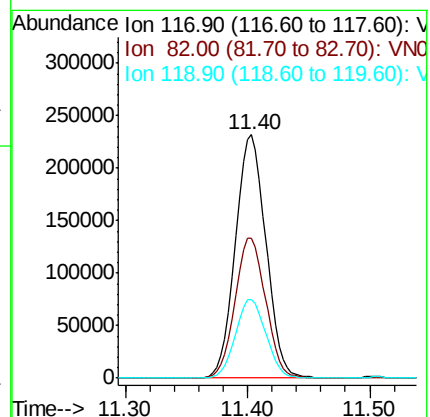
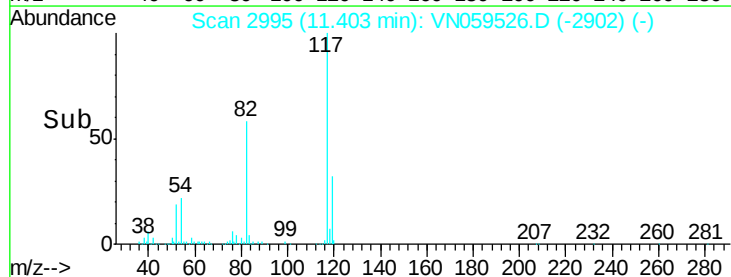
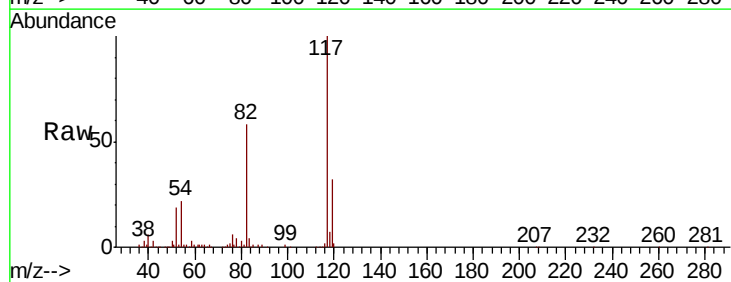
Tgt Ion:117 Resp: 404608

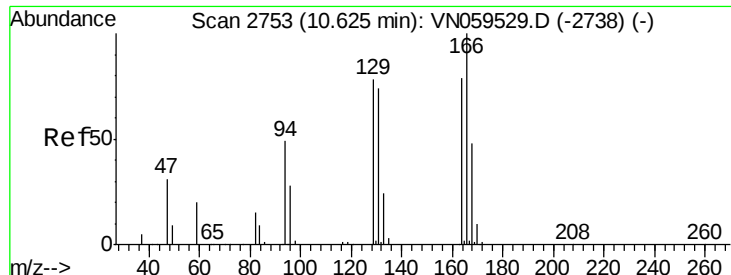
Ion Ratio Lower Upper

117 100

82 57.7 46.5 69.7

119 32.4 25.2 37.8





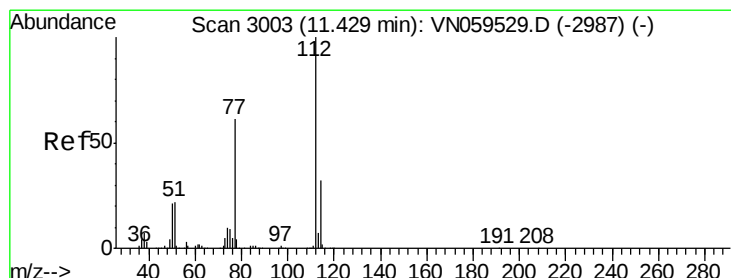
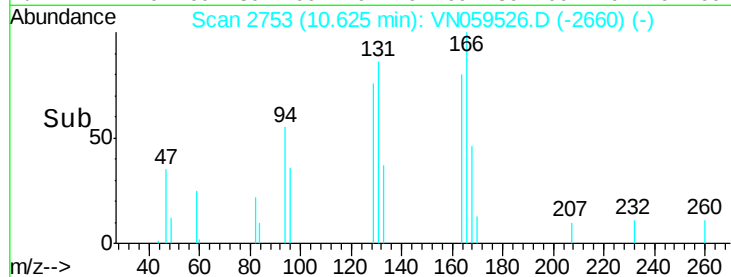
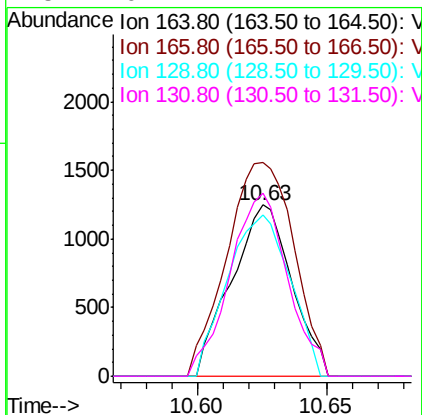
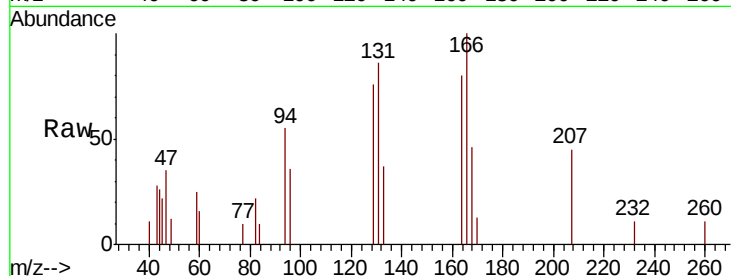
#64
Tetrachloroethene
Concen: 0.621 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.8	101.6	152.4
129	94.2	79.0	118.6
131	107.2	74.7	112.1

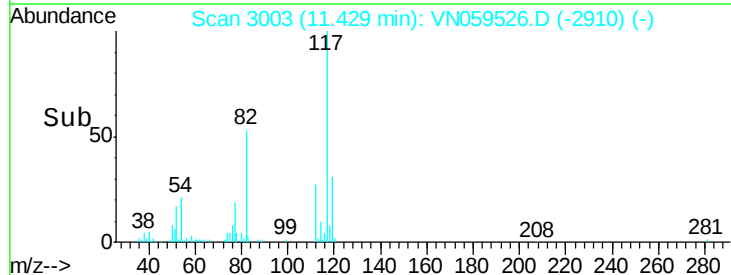
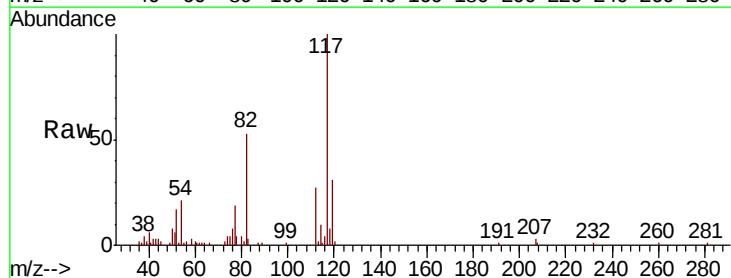
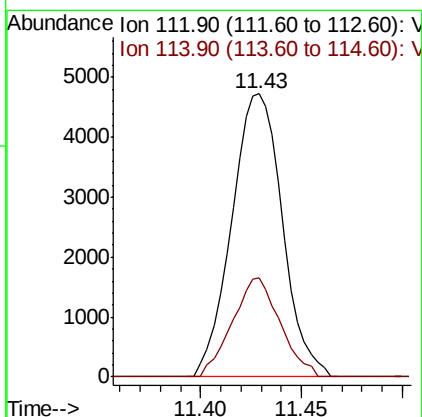
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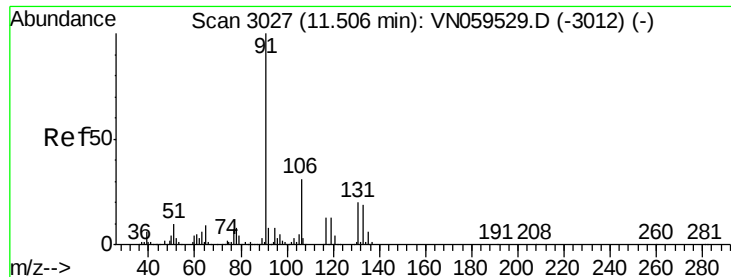
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#65
Chlorobenzene
Concen: 0.965 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.9	26.0	39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 0.863 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

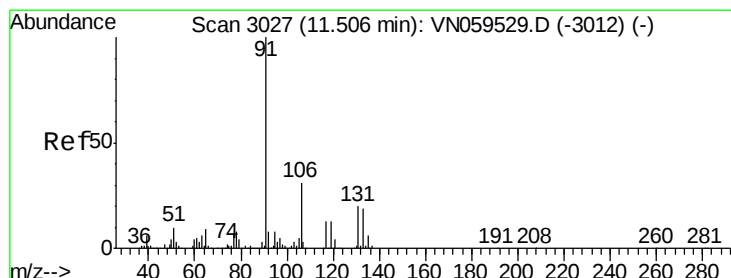
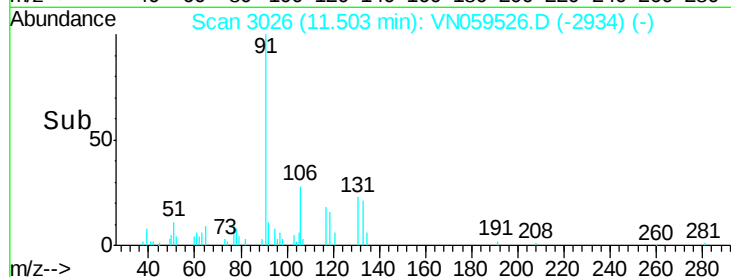
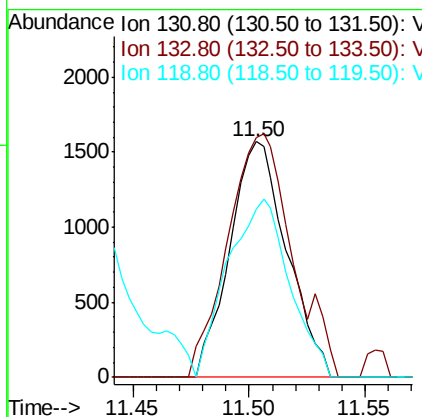
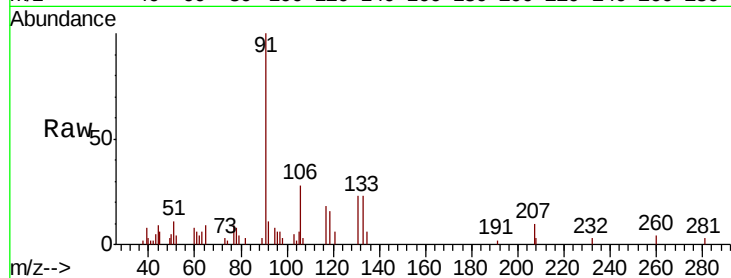
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	116.8	47.8	143.3
119	0.0	33.4	100.2#

Manual Integrations
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#67

Ethyl Benzene

Concen: 0.849 ug/l

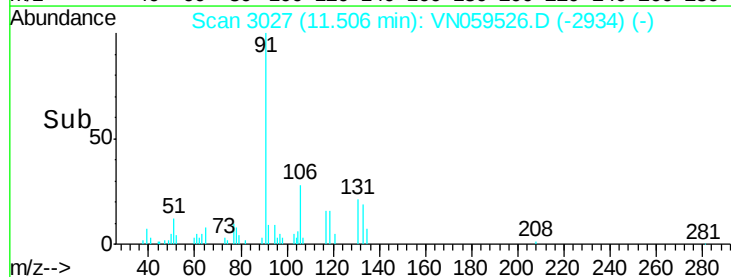
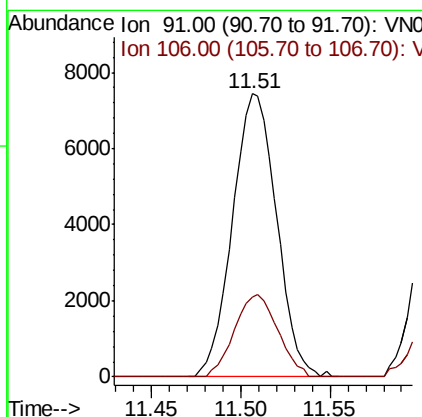
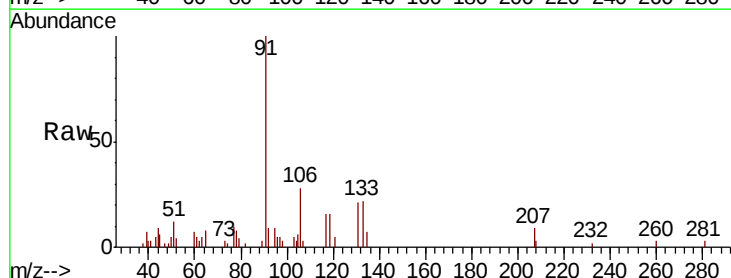
RT: 11.51 min Scan# 3027

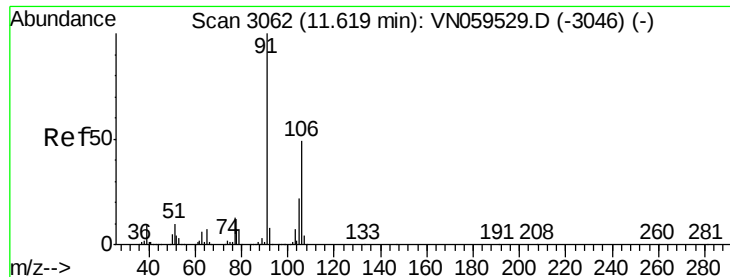
Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.2	24.5	36.7





#68

m/p-Xylenes

Concen: 1.559 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 8850

Ion Ratio Lower Upper

106 100

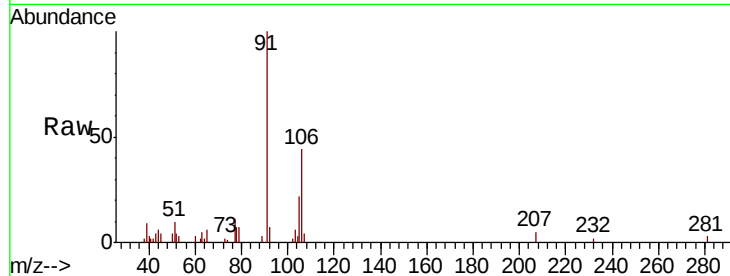
91 222.4 162.9 244.3

Manual Integrations

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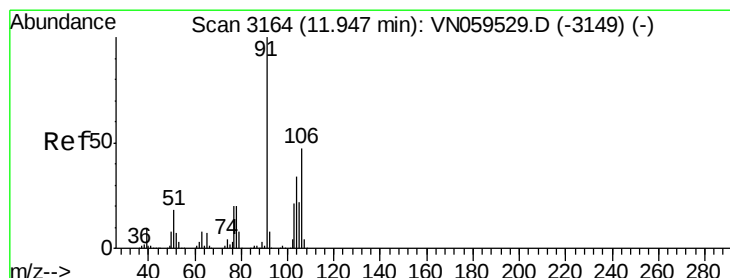
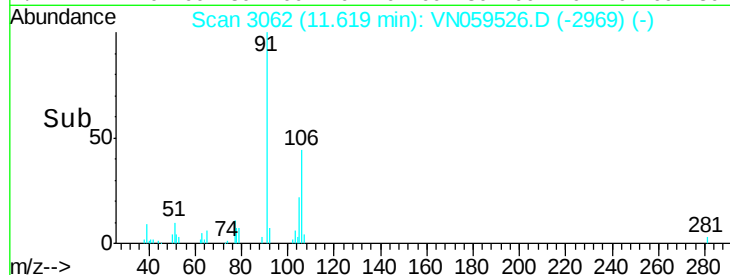
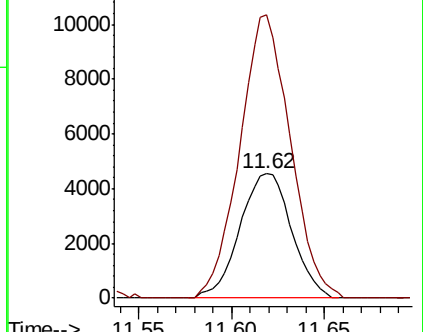
apatel

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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: 0.814 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. -0.00 min

Lab File: VN059526.D

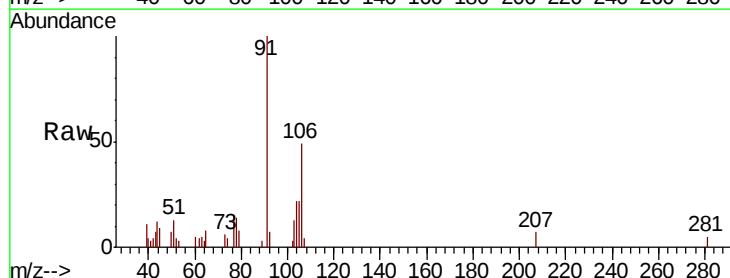
Acq: 9 Dec 2019 14:46

Tgt Ion:106 Resp: 4401

Ion Ratio Lower Upper

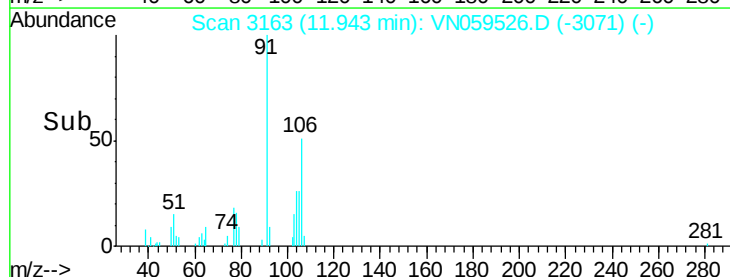
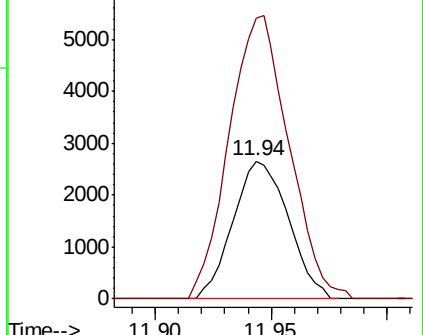
106 100

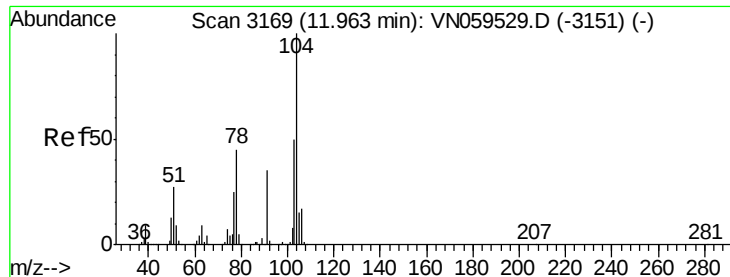
91 222.1 106.7 319.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





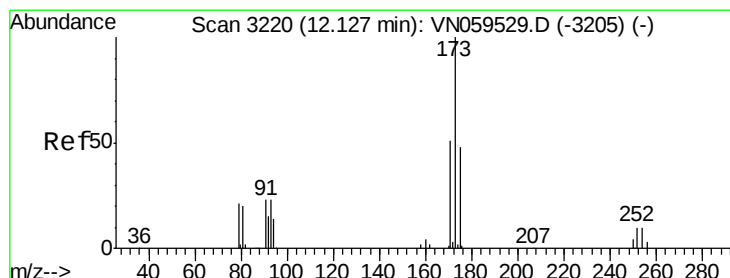
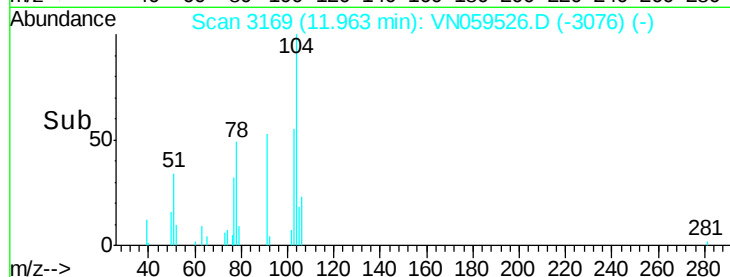
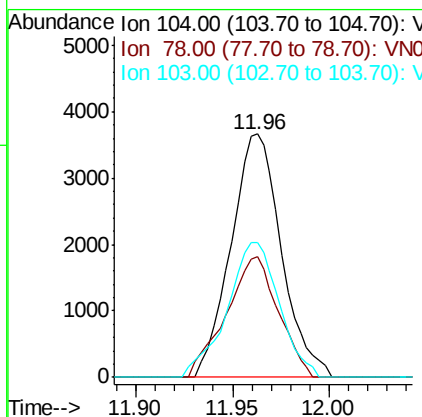
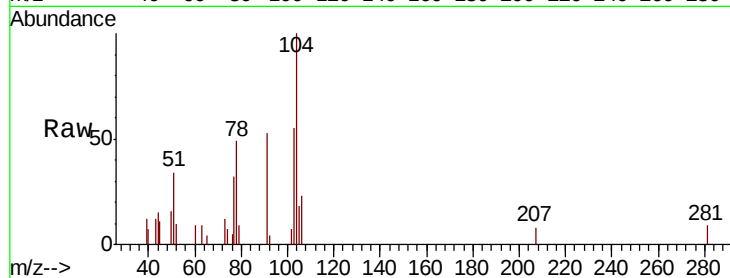
#70
Stvrene
Concen: 0.768 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.9	40.6	60.8
103	57.3	43.9	65.9

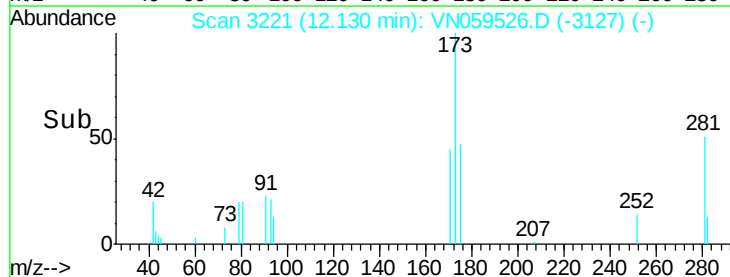
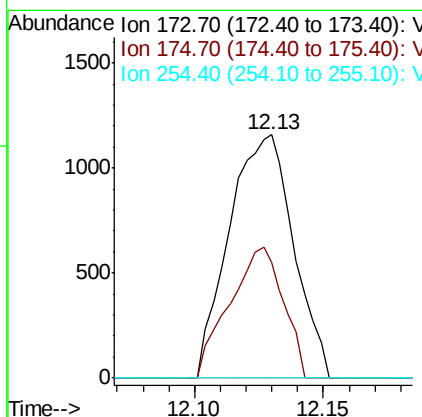
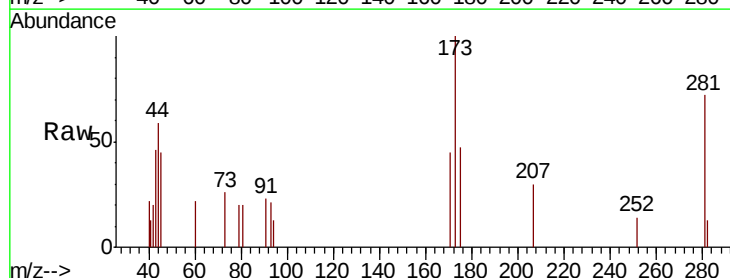
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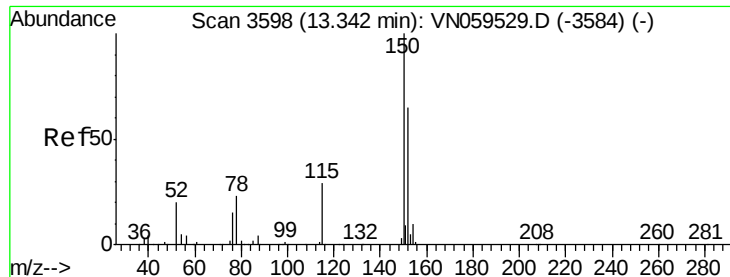
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#71
Bromoform
Concen: 0.820 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
173	100		
175	45.0	24.1	72.4
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: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

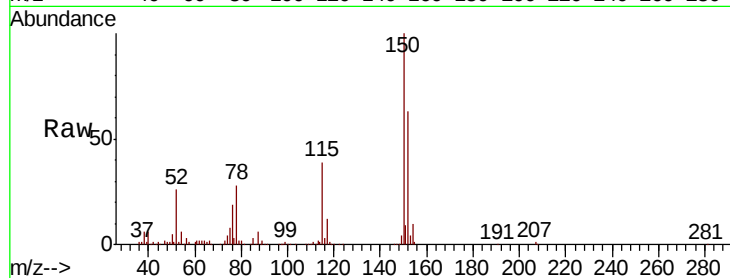
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	138582
Ion Ratio	Lower	Upper	
152	100		
115	60.4	29.4	88.2
150	159.3	0.0	342.4

Manual Integrations
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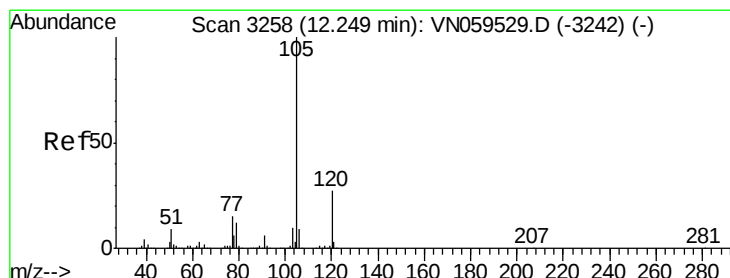
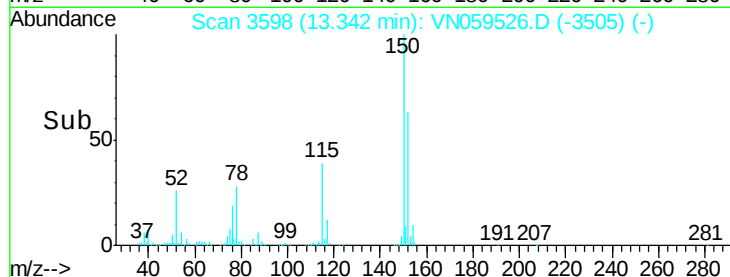
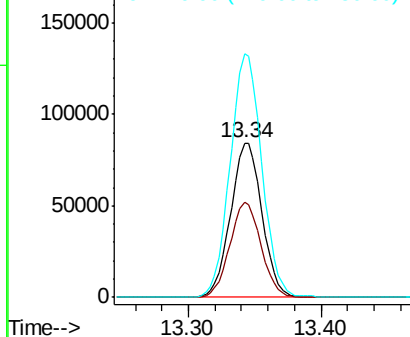


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.040 ug/l

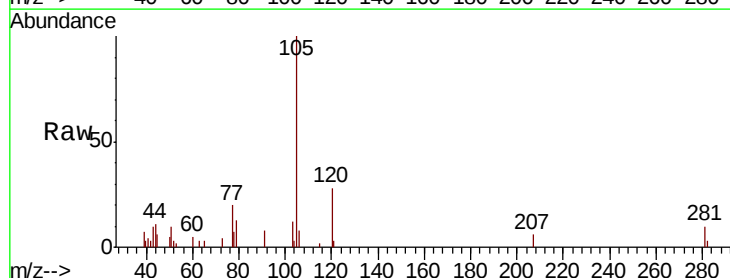
RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

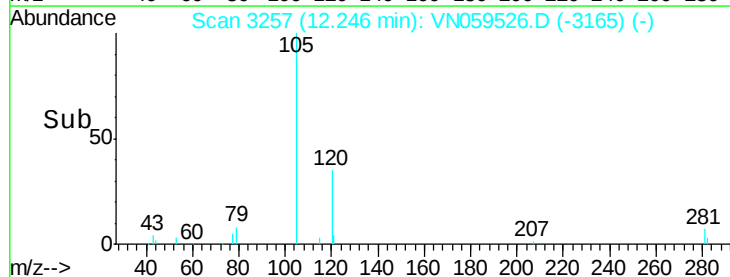
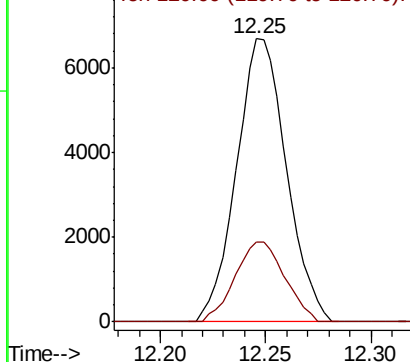
Tgt Ion:	105	Resp:	10985
Ion Ratio	Lower	Upper	
105	100		
120	28.1	13.2	39.5

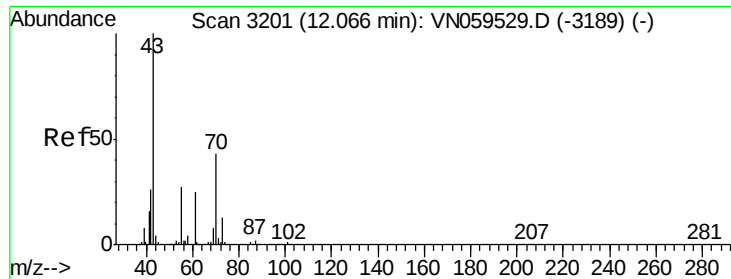


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





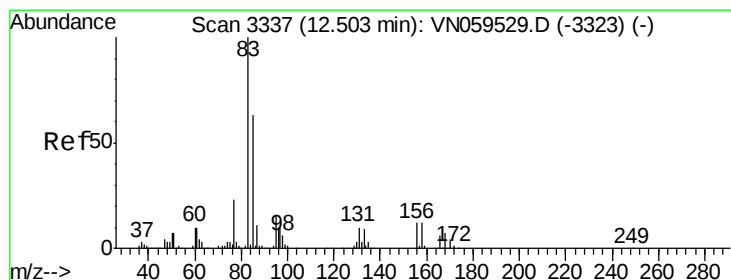
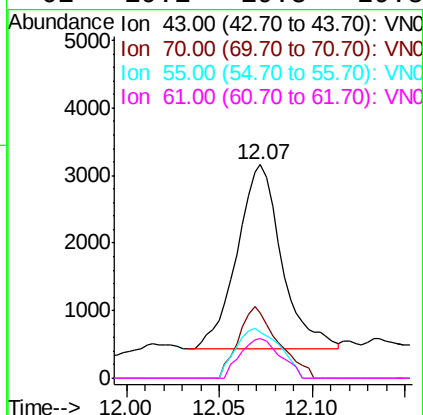
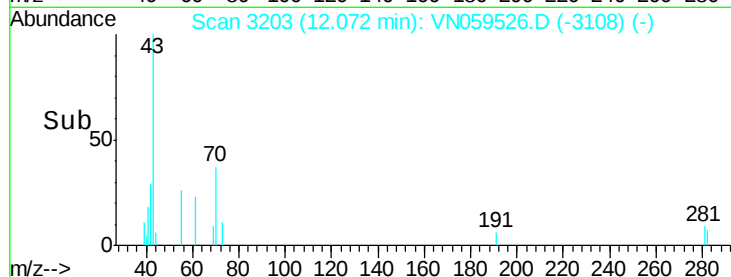
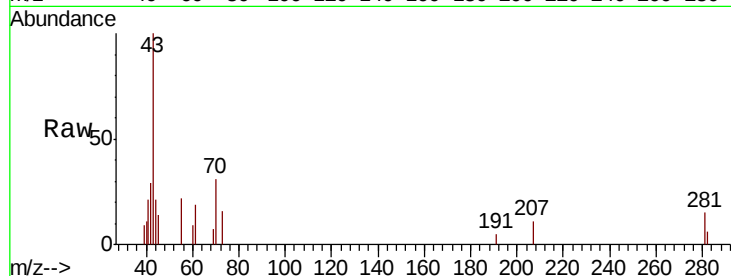
#74
N-amvl acetate
Concen: 1.067 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.01 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	34.0	34.2	51.4#
55	26.3	21.3	31.9
61	19.1	19.8	29.8#

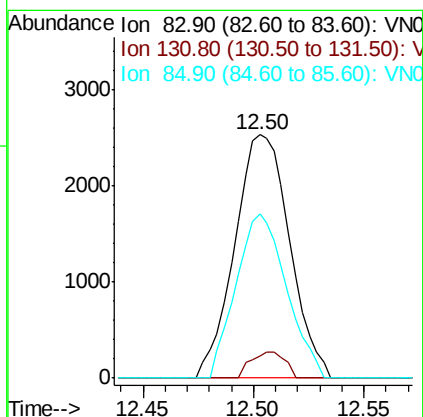
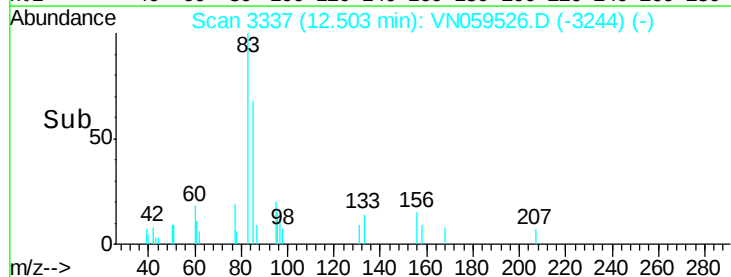
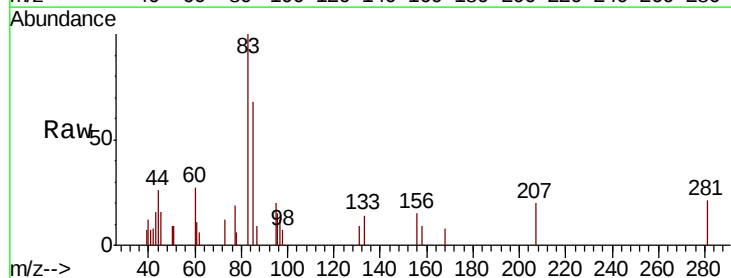
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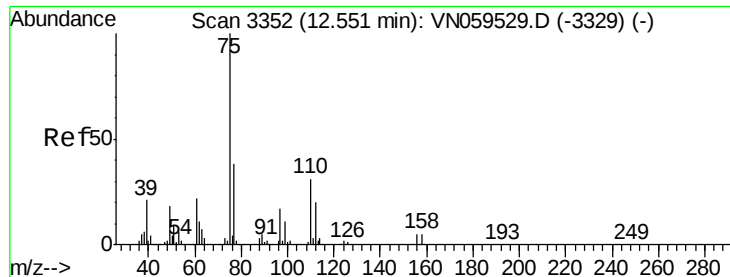
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#75
1,1,2,2-Tetrachloroethane
Concen: 1.276 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
83	100		
131	6.6	5.0	14.9
85	62.0	31.6	95.0





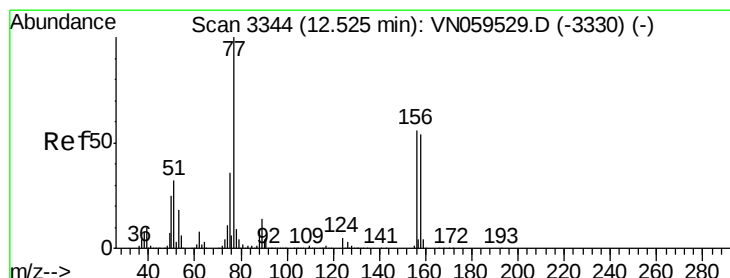
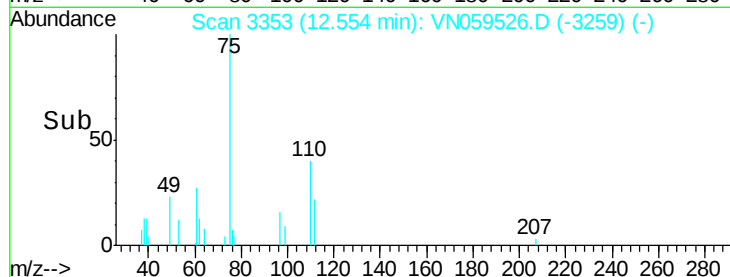
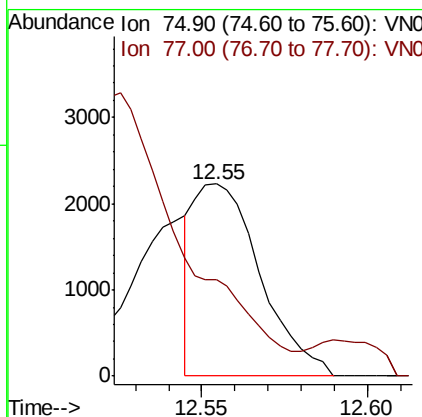
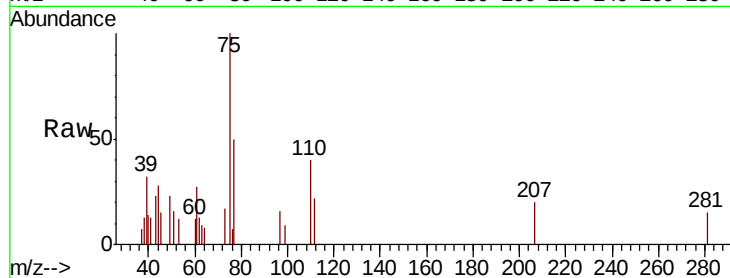
#76
 1,2,3-Trichloropropane
 Concen: 0.922 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

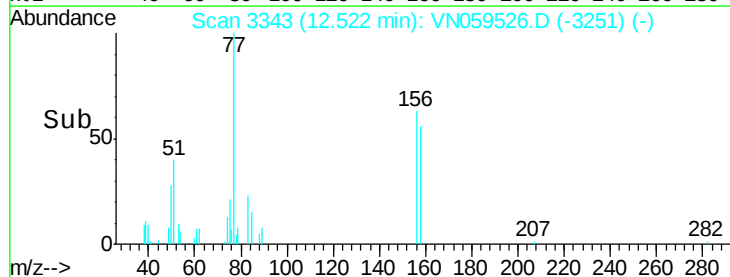
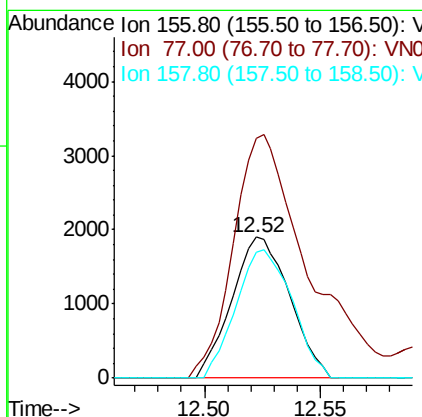
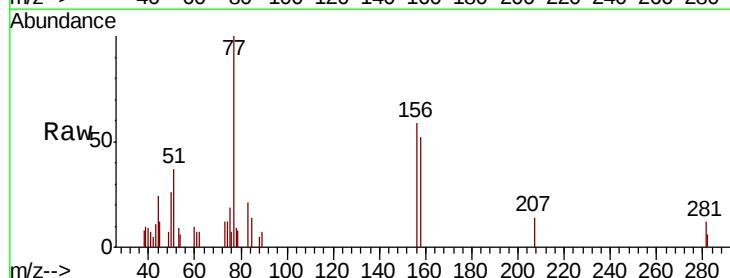
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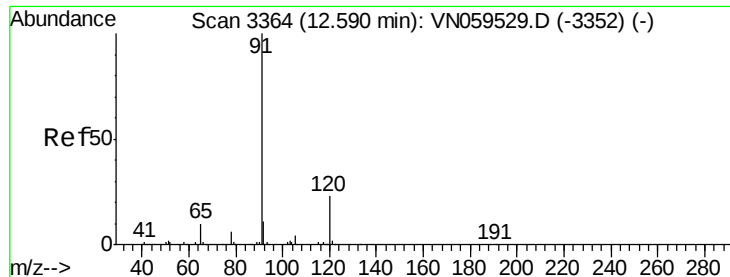
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#77
 Bromobenzene
 Concen: 1.230 ug/l
 RT: 12.52 min Scan# 3343
 Delta R.T. -0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
156	100		
77	220.5	109.3	327.8
158	88.2	48.6	145.8





#78

n-propylbenzene

Concen: 0.979 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 12156

Ion Ratio Lower Upper

91 100

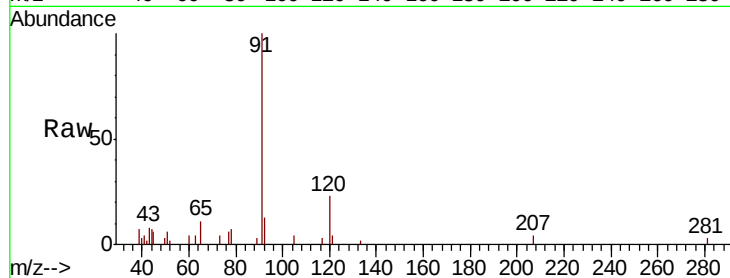
120 21.8 11.4 34.1

Manual Integrations

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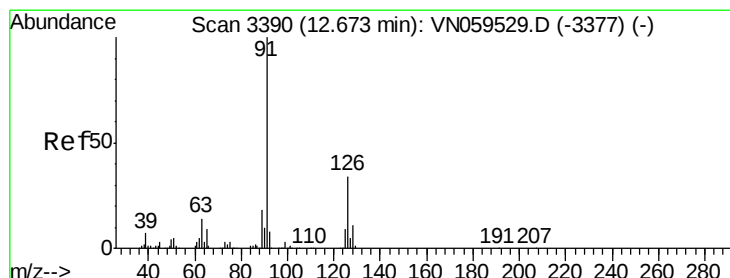
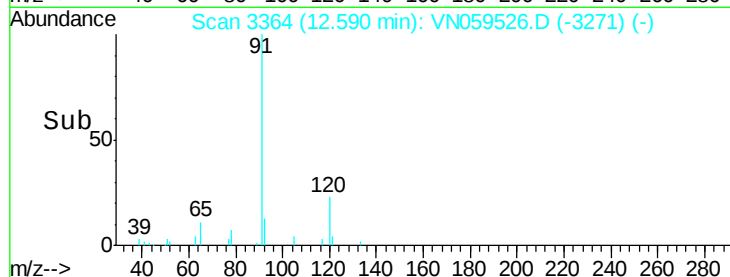
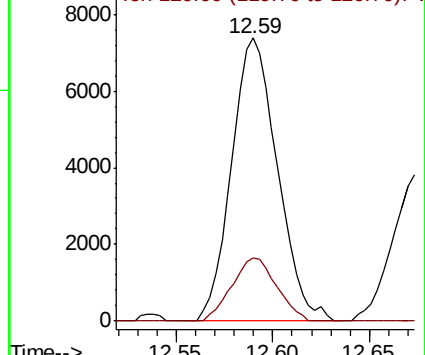
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.853 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059526.D

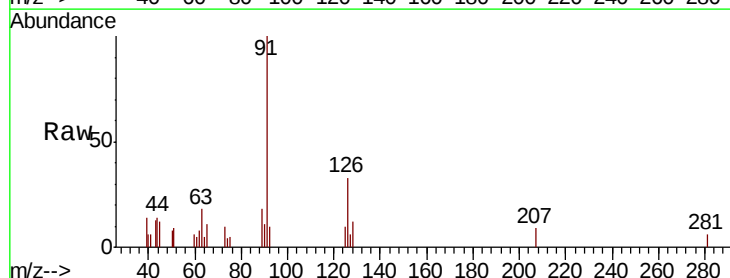
Acq: 9 Dec 2019 14:46

Tgt Ion: 91 Resp: 6393

Ion Ratio Lower Upper

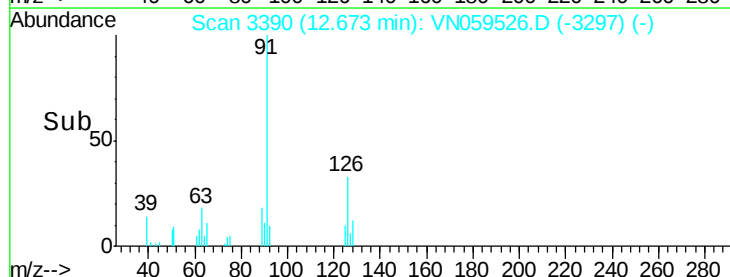
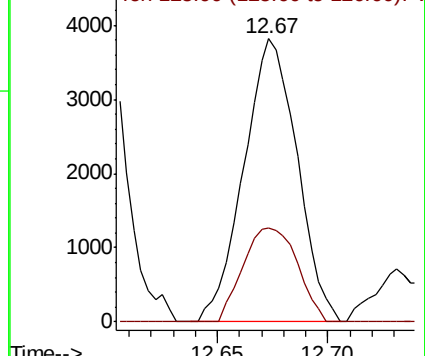
91 100

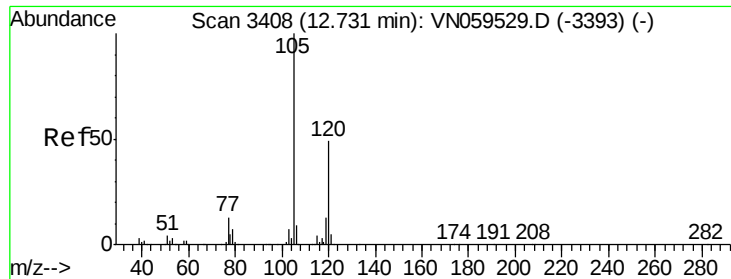
126 33.8 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





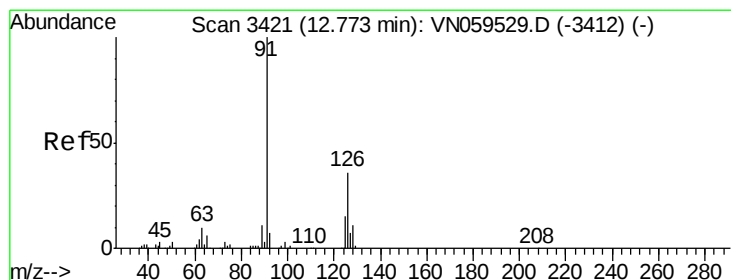
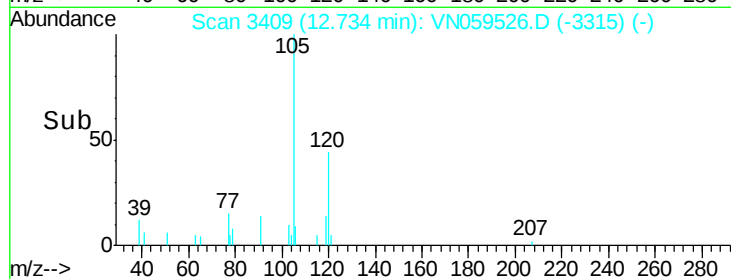
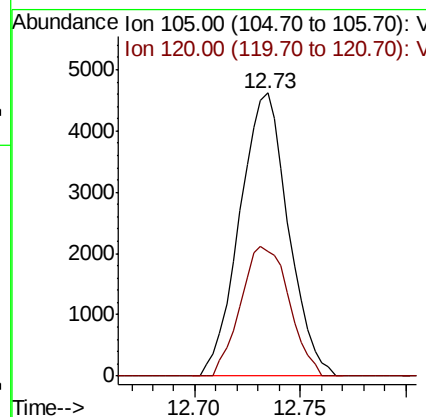
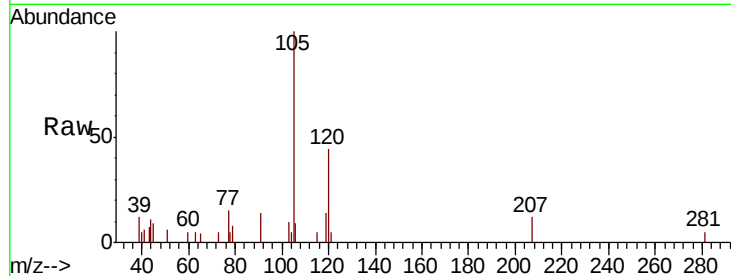
#80
 1,3,5-Trimethylbenzene
 Concen: 0.827 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 105 Resp: 7396
 Ion Ratio Lower Upper
 105 100
 120 45.6 24.5 73.5

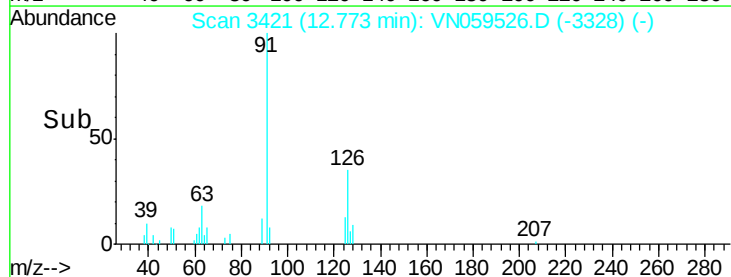
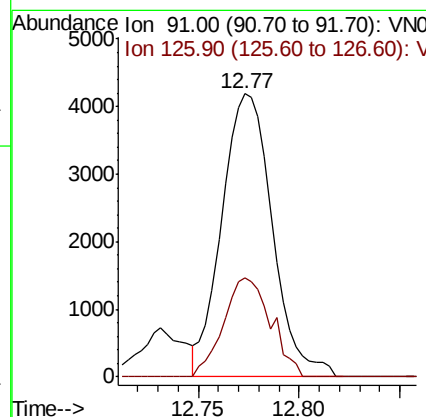
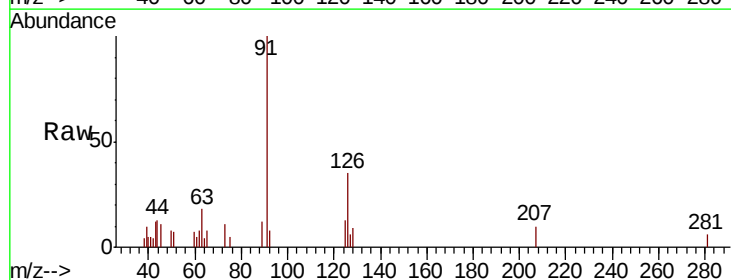
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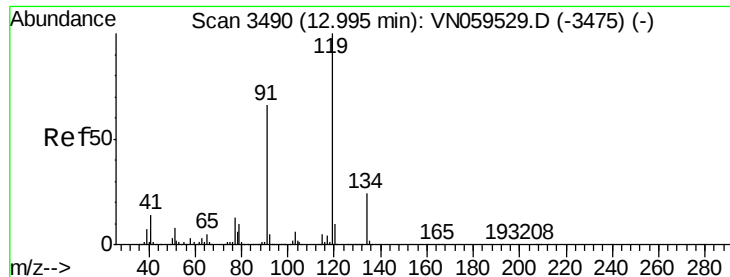
apatel
 12/10/2019 5:10:30 PM



#82
 4-Chlorotoluene
 Concen: 0.945 ug/l
 RT: 12.77 min Scan# 3421
 Delta R.T. -0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Tgt Ion: 91 Resp: 7337
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.4





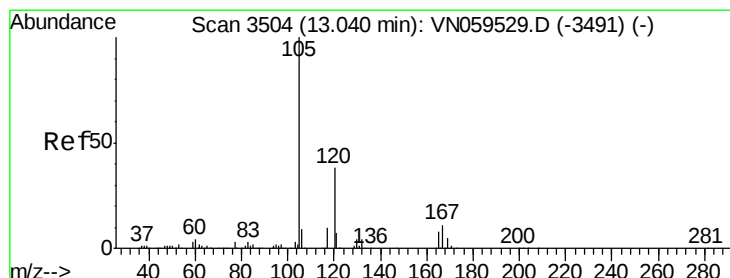
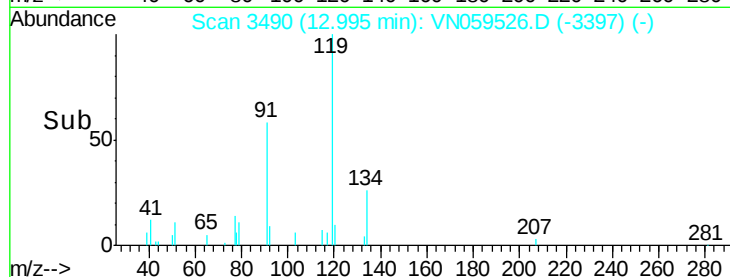
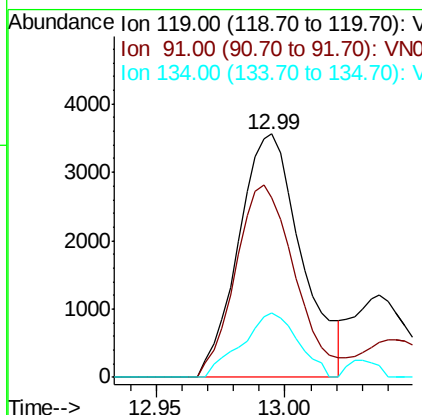
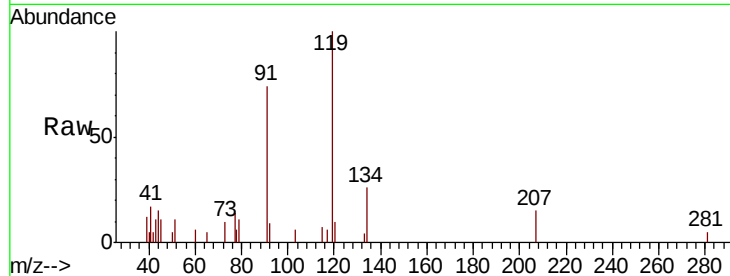
#83
tert-Butylbenzene
Concen: 0.780 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	74.3	32.8	98.4
134	23.6	12.8	38.3

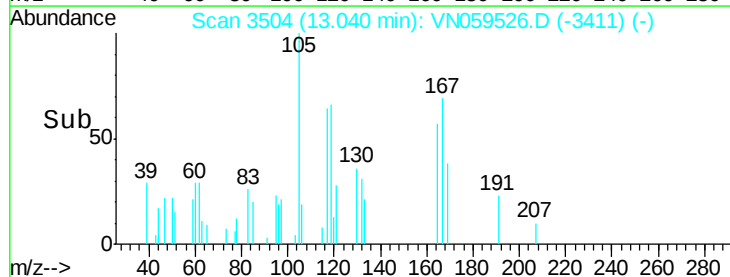
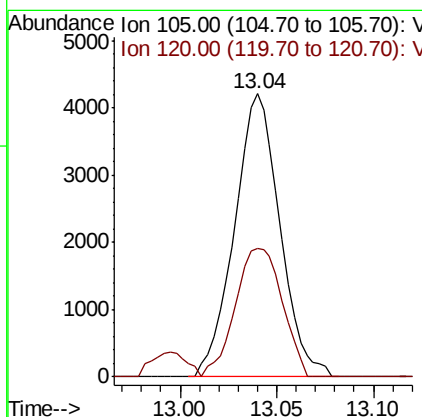
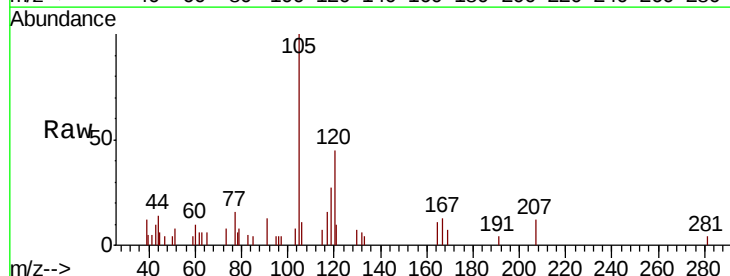
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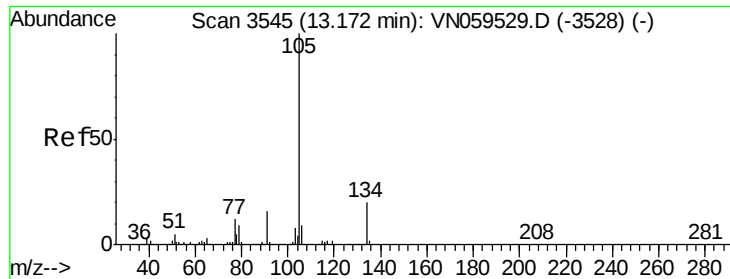
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#84
1,2,4-Trimethylbenzene
Concen: 0.785 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.8	68.3





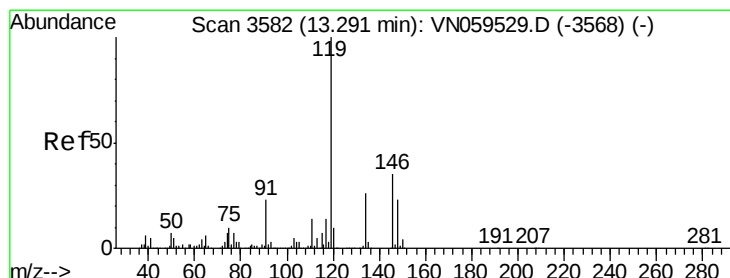
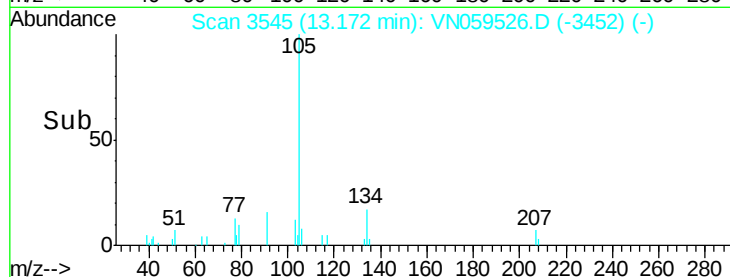
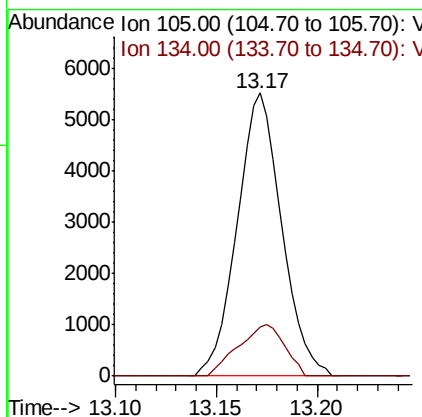
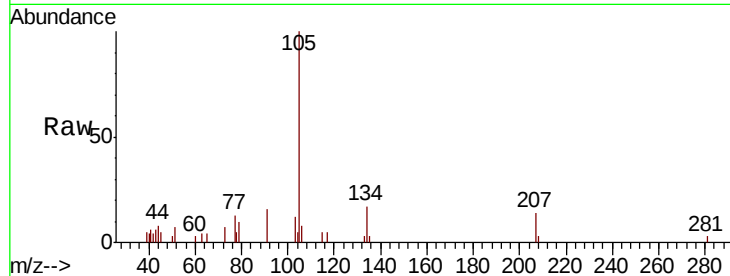
#85
 sec-Butylbenzene
 Concen: 0.827 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.8	29.5

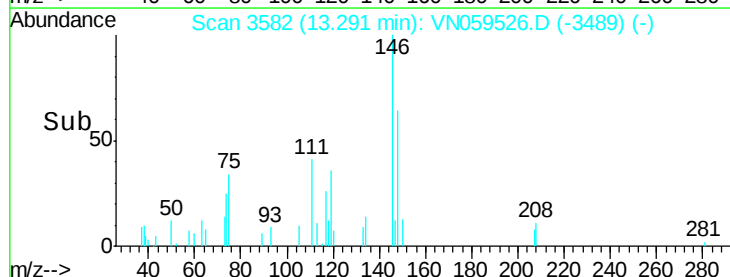
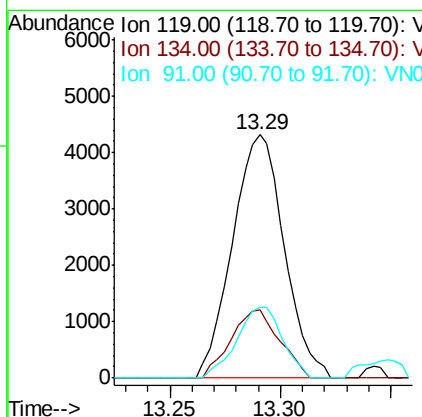
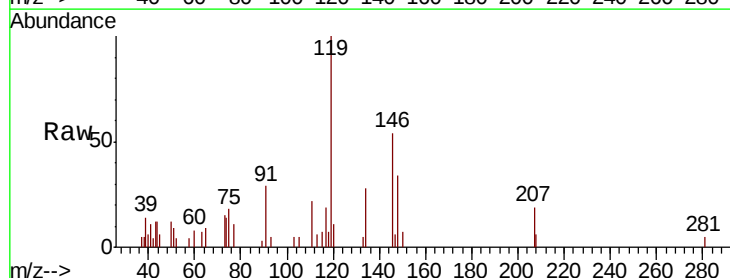
Manual Integrations
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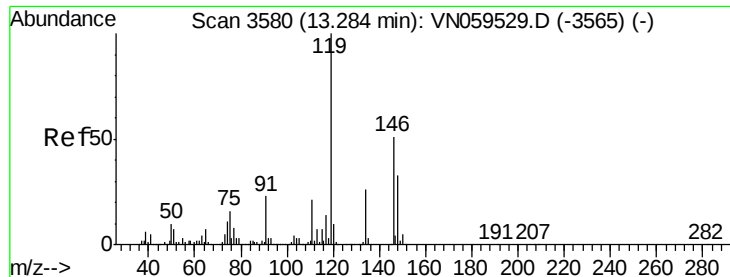
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#86
 p-Isopropyltoluene
 Concen: 0.756 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.0	39.0
91	25.9	11.7	35.1





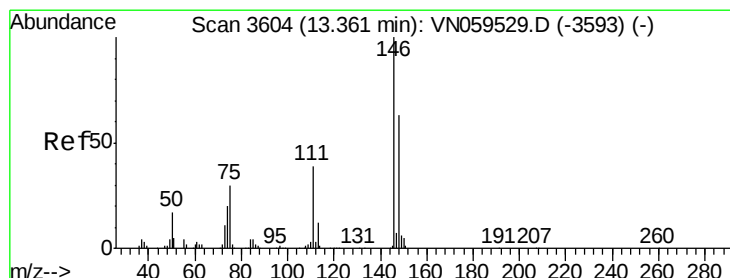
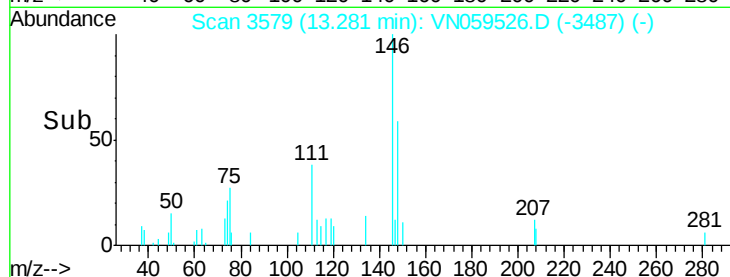
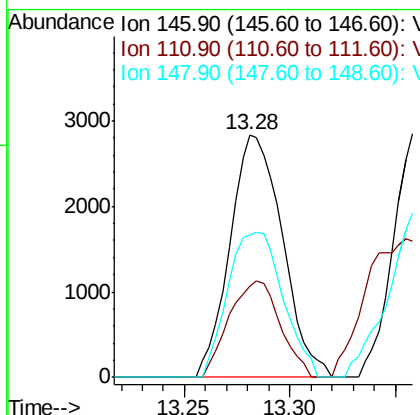
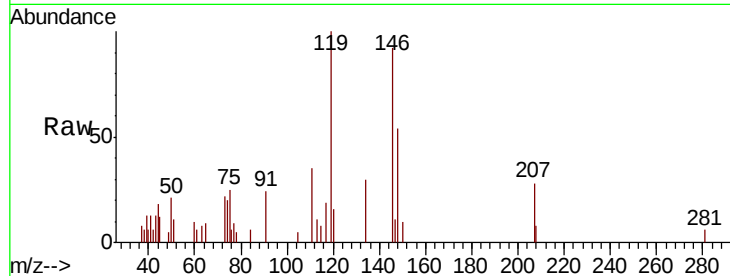
#87
 1,3-Dichlorobenzene
 Concen: 1.028 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.6	61.8
148	63.0	32.0	96.0

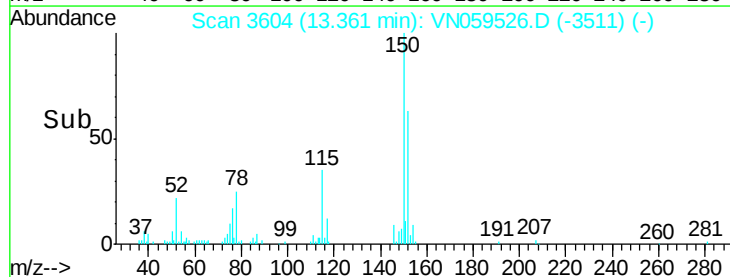
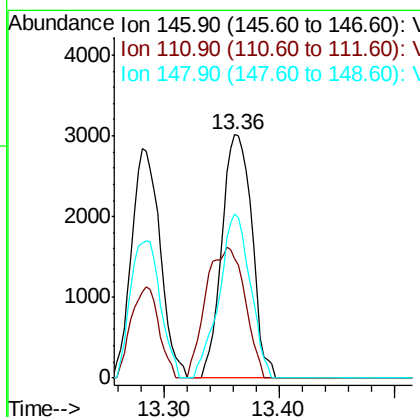
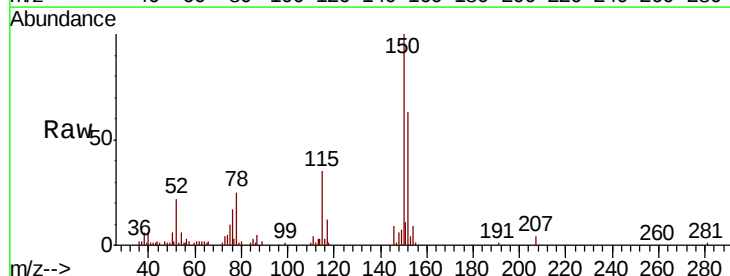
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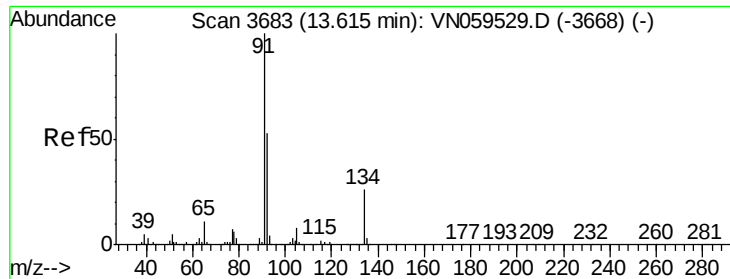
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#88
 1,4-Dichlorobenzene
 Concen: 1.138 ug/l m
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.6	20.0	59.9
148	56.4	31.9	95.7





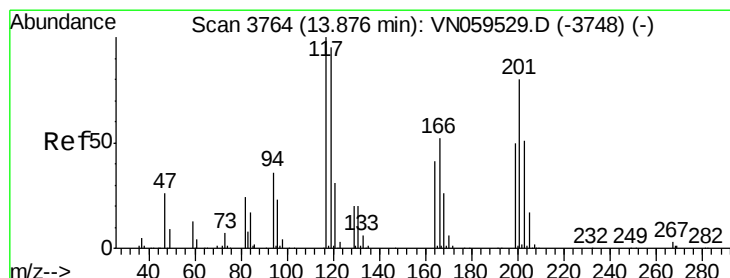
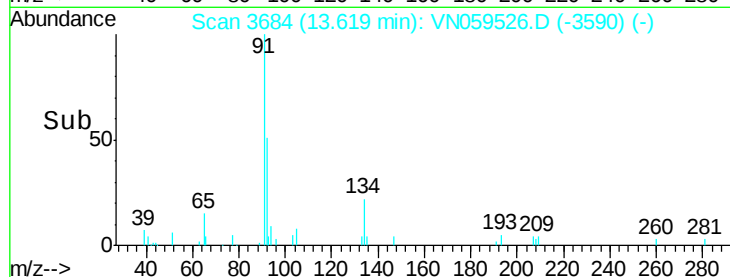
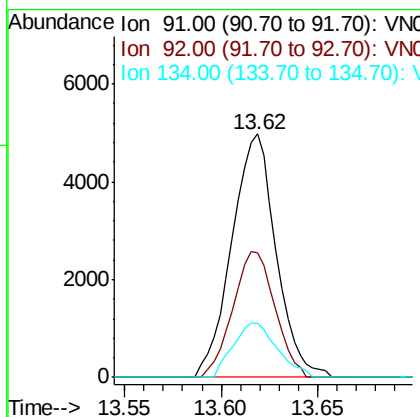
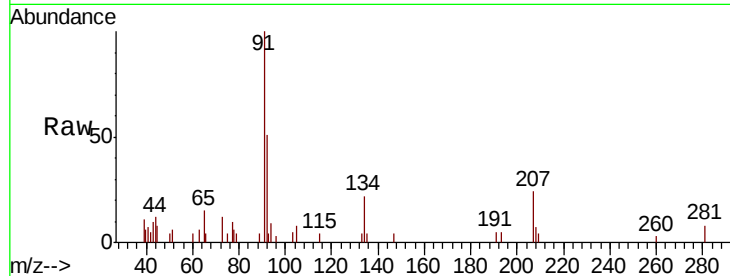
#89
n-Butylbenzene
Concen: 0.952 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.1	26.3	78.9
134	22.3	12.8	38.4

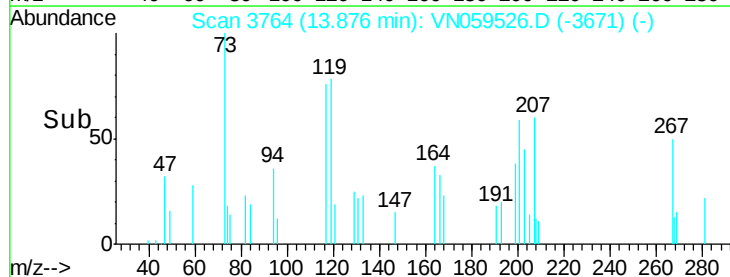
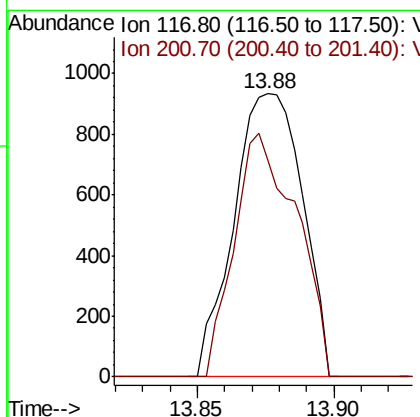
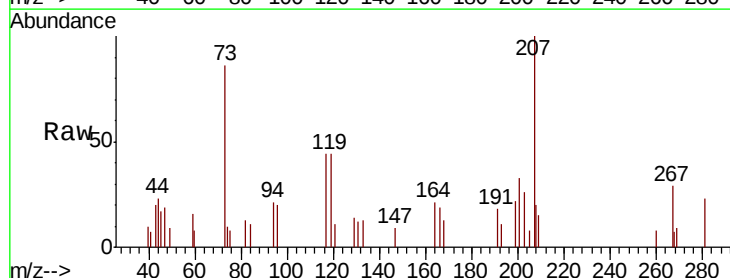
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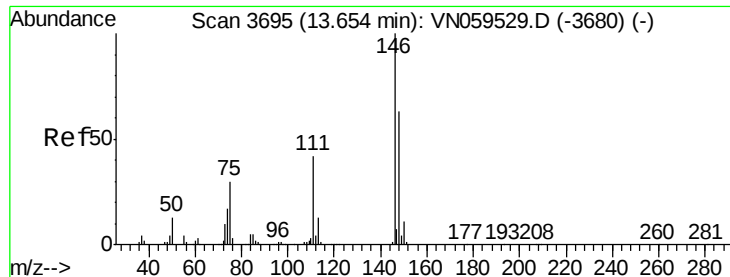
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#90
Hexachloroethane
Concen: 0.915 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	40.5	121.5





#91

1,2-Dichlorobenzene

Concen: 1.025 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059526.D

Acq: 9 Dec 2019 14:46

Instrument :

MSVOA_N

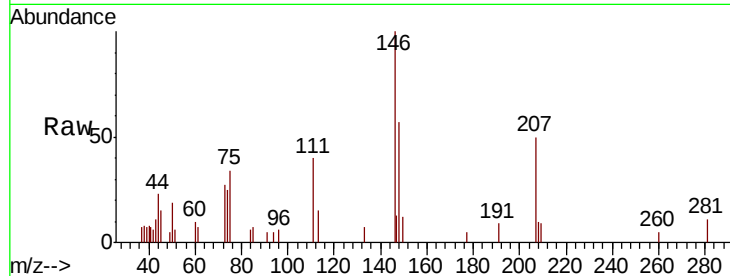
ClientSampleId :

VSTDIC001

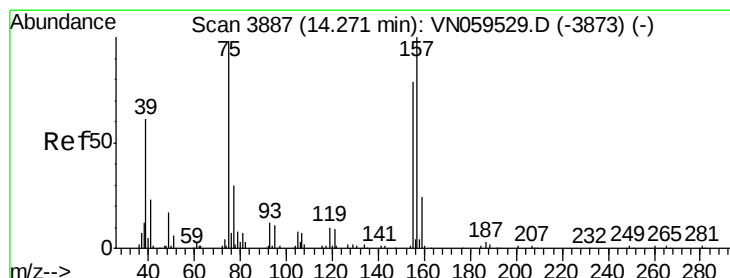
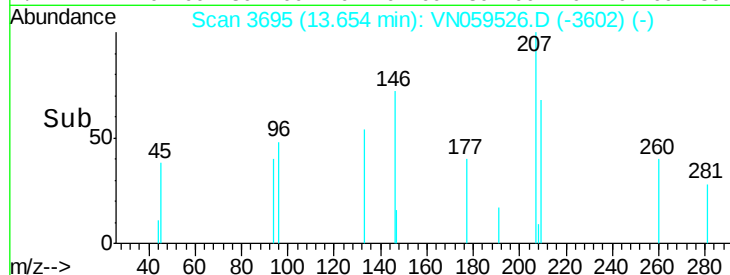
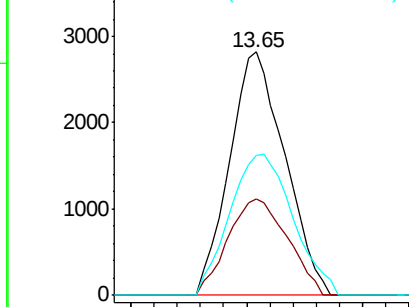
Tot Ion:	146	Resp:	4669
Ion Ratio	Lower	Upper	
146	100		
111	42.6	20.9	62.7
148	66.2	31.6	94.8

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.773 ug/l

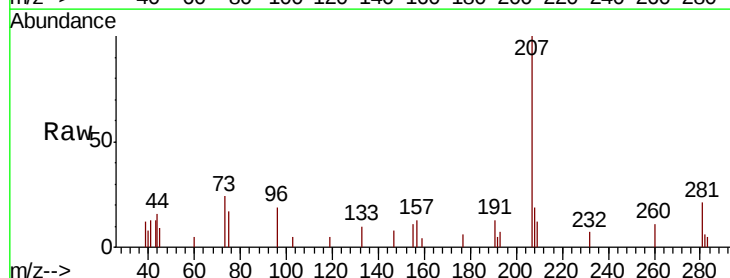
RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

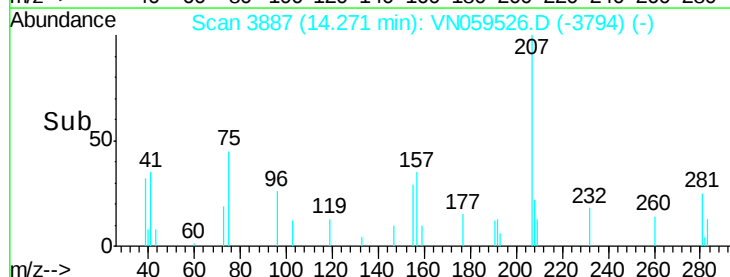
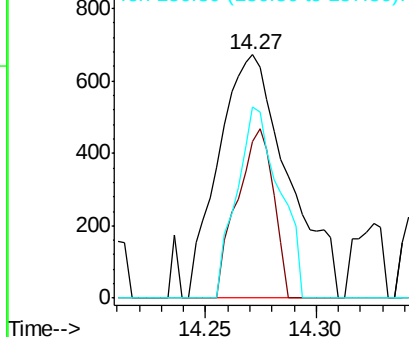
Lab File: VN059526.D

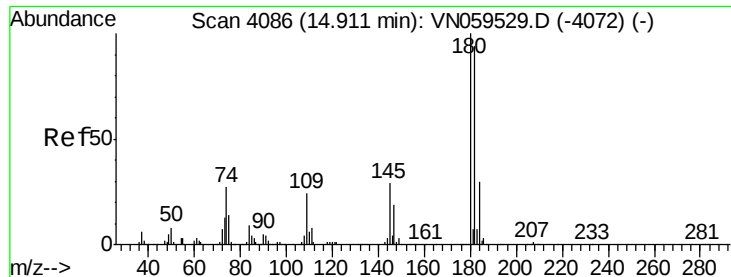
Acq: 9 Dec 2019 14:46

Tgt Ion:	75	Resp:	1467
Ion Ratio	Lower	Upper	
75	100		
155	36.5	40.4	121.1#
157	48.3	51.1	153.3#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





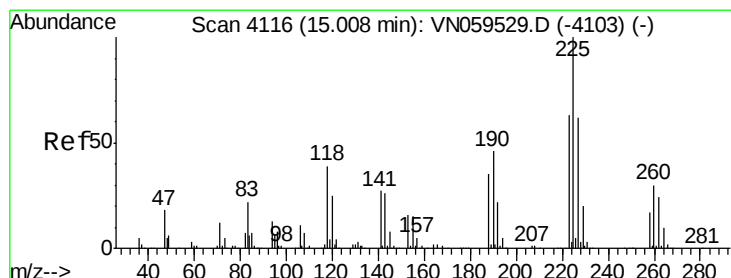
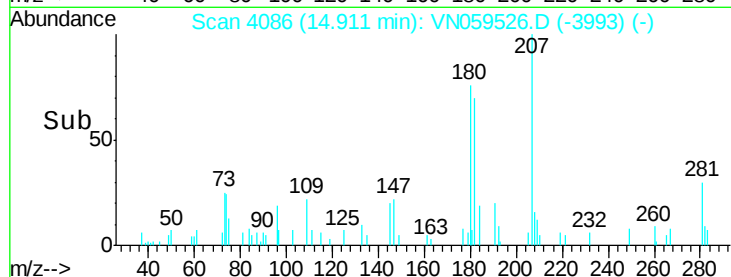
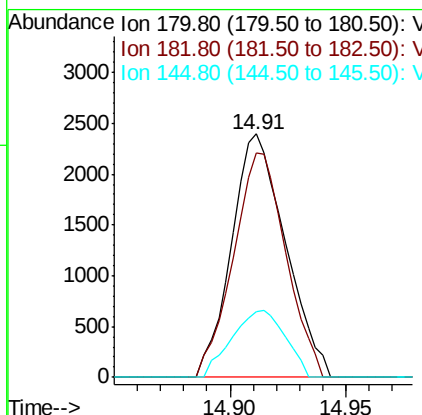
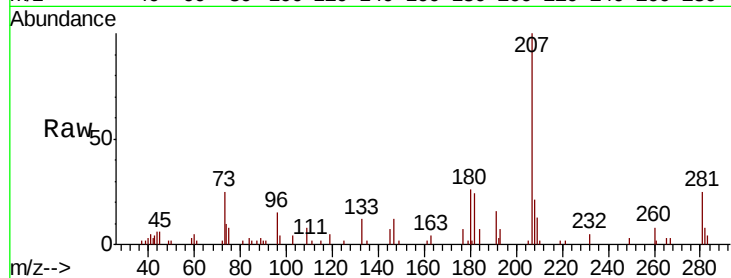
#93
 1,2,4-Trichlorobenzene
 Concen: 1.346 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.6	47.3	142.0
145	27.4	14.9	44.7

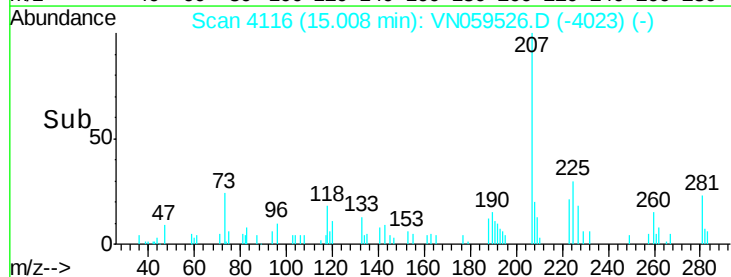
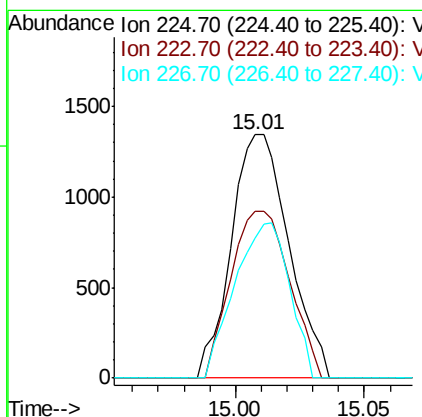
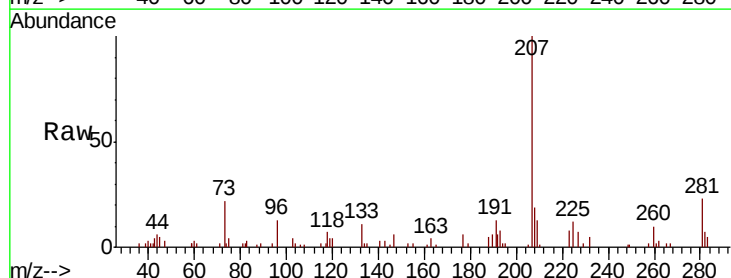
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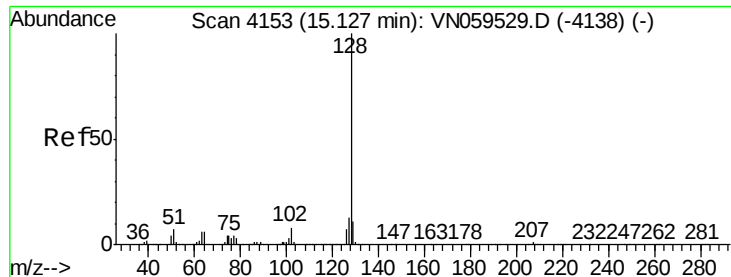
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#94
 Hexachlorobutadiene
 Concen: 1.173 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN059526.D
 Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	70.2	31.3	93.9
227	60.5	31.6	95.0





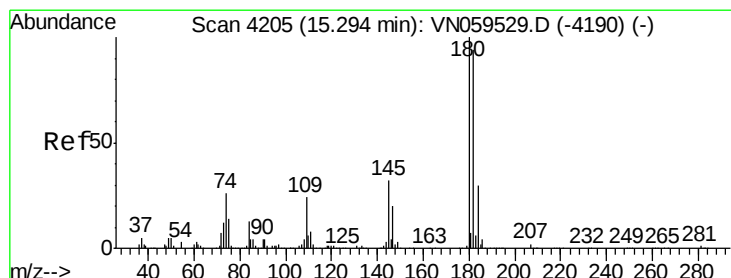
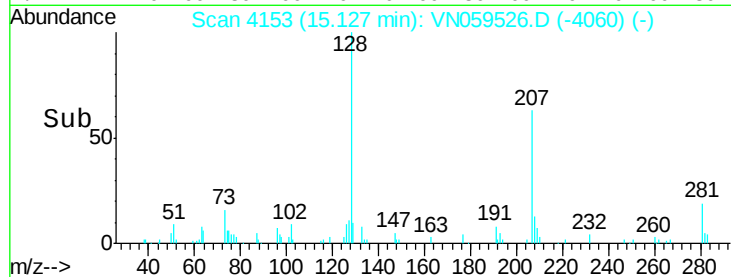
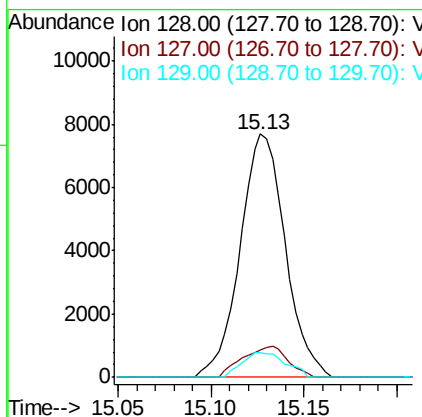
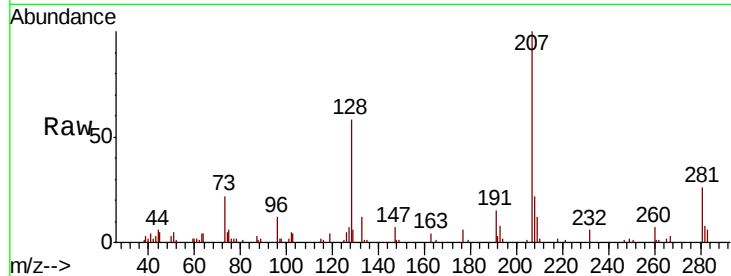
#95
Naphthalene
Concen: 1.557 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	9.7	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 1.412 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059526.D
Acq: 9 Dec 2019 14:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.1	141.4
145	41.5	15.8	47.4

