

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008179.D
 Acq On : 19 Mar 2019 09:54
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:26:36 AM

Quant Time: Mar 19 11:42:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 11:34:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	395899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	649714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	569668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251893	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	1.20	85	3362	0.649 ug/l	83
3) Chloromethane	1.33	50	5105	0.870 ug/l	92
4) Vinyl Chloride	1.41	62	4758	0.774 ug/l	94
5) Bromomethane	1.64	94	3884	0.735 ug/l	93
6) Chloroethane	1.73	64	3136	0.852 ug/l	90
7) Trichlorofluoromethane	1.93	101	6903	0.910 ug/l	96
8) Diethyl Ether	2.19	74	2840	0.659 ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3872	0.713 ug/l	89
12) 1,1-Dichloroethene	2.37	96	3424	0.665 ug/l	89
14) Allyl chloride	2.73	41	7956	0.693 ug/l #	84
15) Acrylonitrile	3.14	53	11081	3.042 ug/l	97
16) Acetone	2.44	43	13918	3.917 ug/l	100
17) Carbon Disulfide	2.57	76	9530	0.593 ug/l	98
18) Methyl Acetate	2.78	43	5524	0.636 ug/l #	87
19) Methyl tert-butyl Ether	3.20	73	11822	0.626 ug/l	98
20) Methylene Chloride	2.86	84	4670	0.793 ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	3937	0.721 ug/l	89
22) Diisopropyl ether	3.86	45	12877	0.572 ug/l	91
23) Vinyl Acetate	3.82	43	53381	2.687 ug/l #	93
24) 1,1-Dichloroethane	3.70	63	8005	0.706 ug/l	95
25) 2-Butanone	4.68	43	17588	3.224 ug/l	94
26) 2,2-Dichloropropane	4.59	77	5577	0.646 ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	4494	0.717 ug/l	97
28) Bromochloromethane	5.01	49	4987	1.046 ug/l #	80
29) Tetrahydrofuran	5.13	42	10793	3.071 ug/l	96
30) Chloroform	5.21	83	7448	0.699 ug/l	95
31) Cyclohexane	5.57	56	5858	0.529 ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	6218	0.695 ug/l #	45
36) 1,1-Dichloropropene	5.80	75	4973	0.612 ug/l	94
37) Ethyl Acetate	4.83	43	5919	0.585 ug/l #	77
38) Carbon Tetrachloride	5.79	117	4507	0.607 ug/l	99
39) Methylcyclohexane	7.46	83	6912	0.688 ug/l	92
40) Benzene	6.13	78	16174	0.664 ug/l #	90
41) Methacrylonitrile	5.04	41	2840	0.501 ug/l #	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	6659	0.756	ug/l	86
43) Isopropyl Acetate	6.45	43	9822	0.606	ug/l	97
44) Trichloroethene	7.21	130	3919	0.676	ug/l	97
45) 1,2-Dichloropropane	7.51	63	4155	0.621	ug/l #	86
46) Dibromomethane	7.66	93	2757	0.682	ug/l #	81
47) Bromodichloromethane	7.89	83	5329	0.666	ug/l	98
48) Methyl methacrylate	7.77	41	4697	0.551	ug/l #	80
49) 1,4-Dioxane	7.74	88	2167	15.491	ug/l #	72
51) 4-Methyl-2-Pentanone	8.64	43	31028	3.003	ug/l	93
52) Toluene	8.78	92	9160	0.639	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	4958	0.537	ug/l	90
54) cis-1,3-Dichloropropene	8.43	75	5311	0.526	ug/l #	83
55) 1,1,2-Trichloroethane	9.21	97	3962	0.671	ug/l	95
56) Ethyl methacrylate	9.18	69	5321	0.538	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	6770	0.649	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	17996	3.910	ug/l	96
59) 2-Hexanone	9.49	43	22191	2.817	ug/l	94
60) Dibromochloromethane	9.58	129	3207	0.548	ug/l	100
61) 1,2-Dibromoethane	9.67	107	4051	0.660	ug/l	97
64) Tetrachloroethene	9.34	164	3890	0.710	ug/l	93
65) Chlorobenzene	10.13	112	10482	0.697	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.22	131	3229	0.599	ug/l #	64
67) Ethyl Benzene	10.25	91	16921	0.618	ug/l	97
68) m/p-Xylenes	10.36	106	11585	1.154	ug/l	91
69) o-Xylene	10.69	106	5959	0.609	ug/l	96
70) Styrene	10.71	104	9154	0.572	ug/l	93
71) Bromoform	10.85	173	2366	0.563	ug/l #	99
73) Isopropylbenzene	11.02	105	14687	0.593	ug/l	96
74) N-amyl acetate	10.90	43	6927	0.526	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	6339	0.745	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	5158m	0.690	ug/l	
77) Bromobenzene	11.26	156	3700	0.637	ug/l	74
78) n-propylbenzene	11.36	91	16031	0.546	ug/l	100
79) 2-Chlorotoluene	11.42	91	11254	0.660	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	11552	0.560	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	1441	0.508	ug/l #	75
82) 4-Chlorotoluene	11.51	91	11632	0.583	ug/l	99
83) tert-Butylbenzene	11.77	119	11392	0.588	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	11137	0.531	ug/l	98
85) sec-Butylbenzene	11.94	105	13865	0.566	ug/l	97
86) p-Isopropyltoluene	12.06	119	11384	0.536	ug/l #	86
87) 1,3-Dichlorobenzene	12.02	146	6813	0.656	ug/l	93
88) 1,4-Dichlorobenzene	12.10	146	7923m	0.762	ug/l	
89) n-Butylbenzene	12.38	91	11282	0.559	ug/l	95
90) Hexachloroethane	12.59	117	2189	0.600	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	7321	0.707	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1494	0.774	ug/l	56
93) 1,2,4-Trichlorobenzene	13.65	180	4159	0.597	ug/l	91
94) Hexachlorobutadiene	13.78	225	2236	0.658	ug/l	90
95) Naphthalene	13.83	128	11296	0.492	ug/l	98

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ClientSampleId :
VSTDICC001

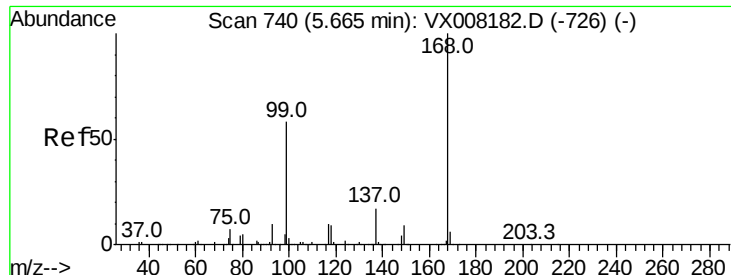
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4385	0.636	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 395899

Ion Ratio Lower Upper

168 100

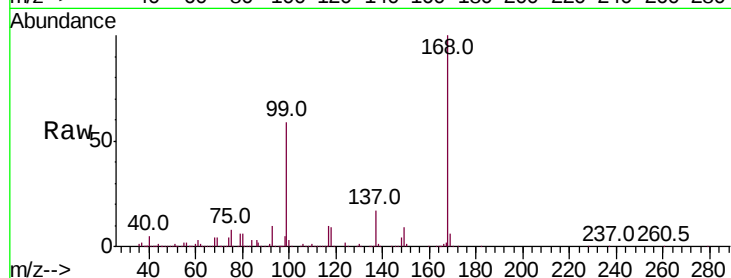
99 59.0 37.6 56.4#

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

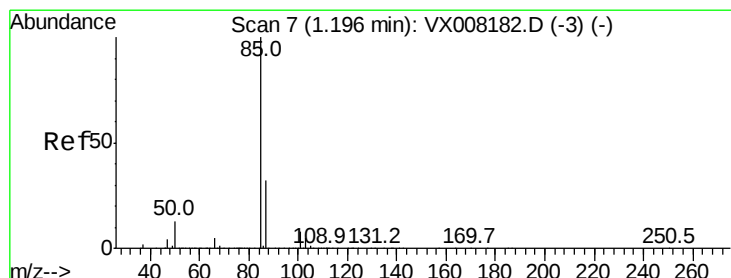
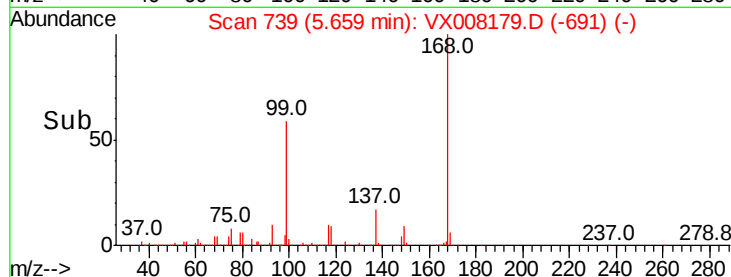
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.649 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008179.D

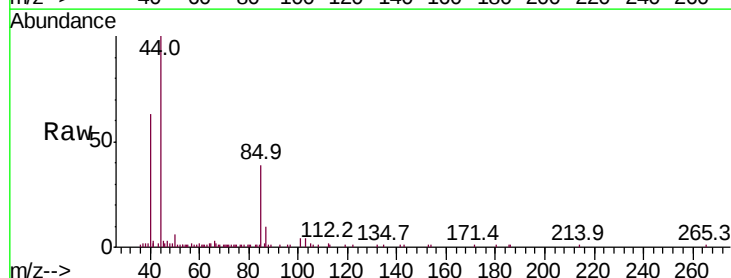
Acq: 19 Mar 2019 09:54

Tgt Ion: 85 Resp: 3362

Ion Ratio Lower Upper

85 100

87 23.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

3000

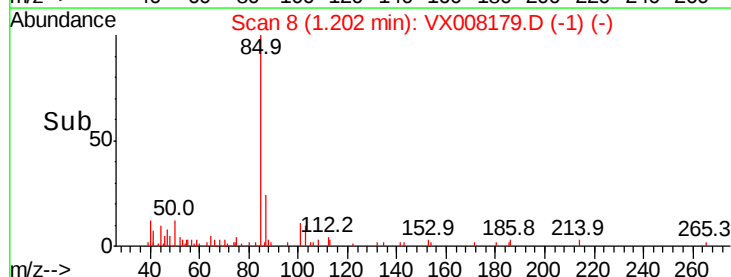
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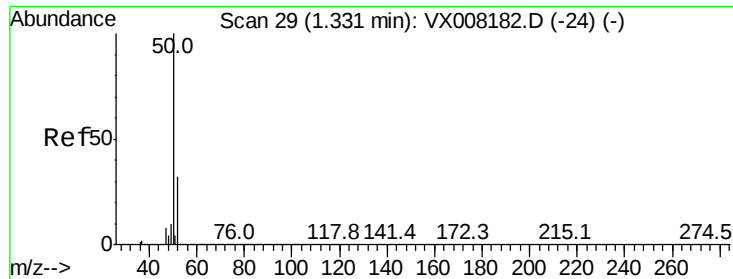
1000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 0.870 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5105

Ion Ratio Lower Upper

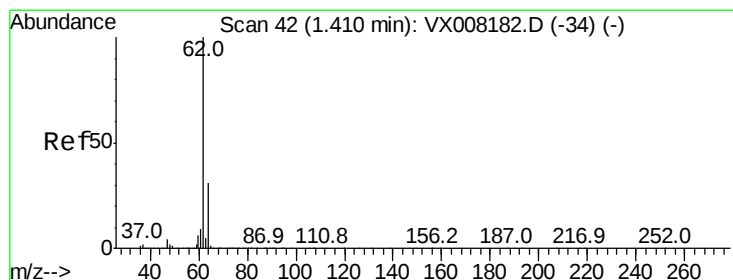
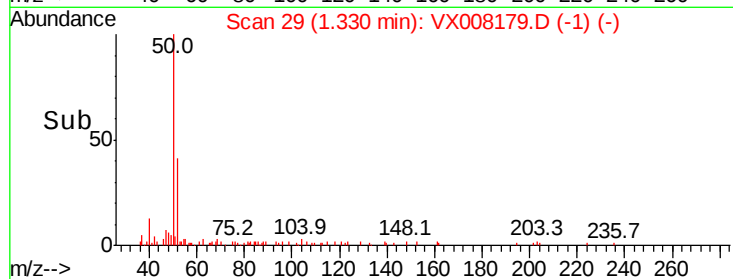
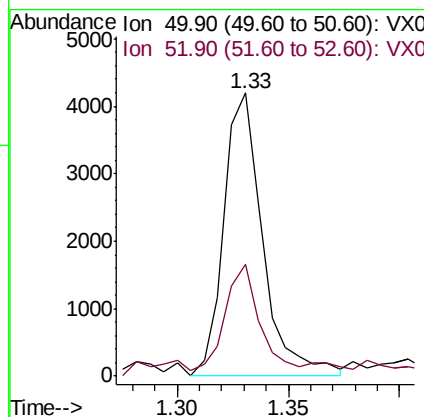
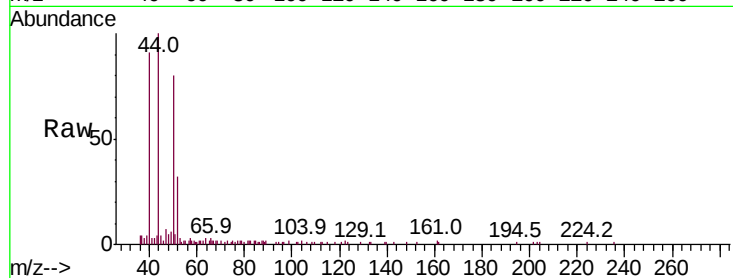
50 100

52 37.7 26.5 39.7

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#4

Vinyl Chloride

Concen: 0.774 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008179.D

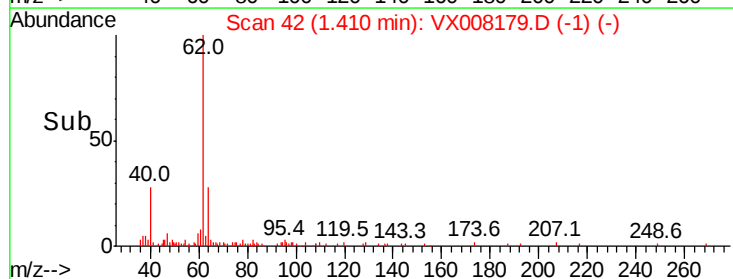
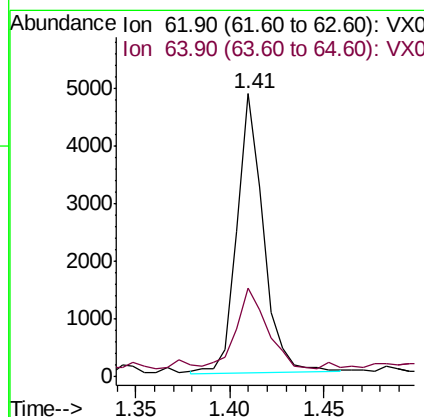
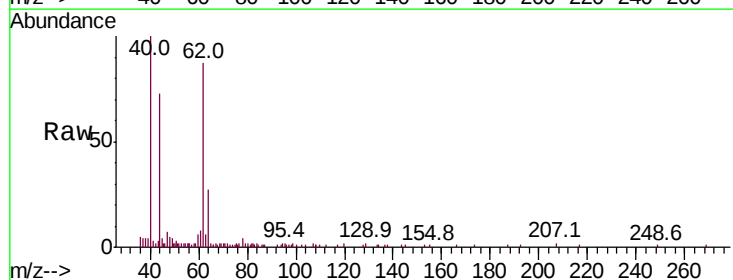
Acq: 19 Mar 2019 09:54

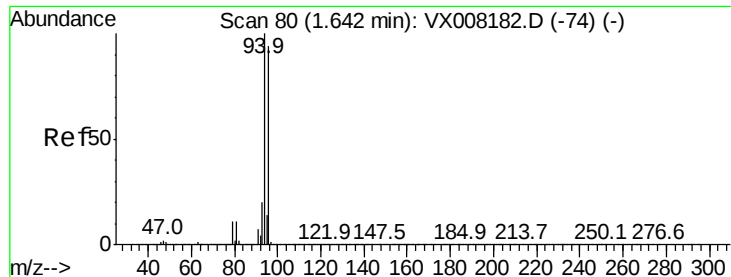
Tgt Ion: 62 Resp: 4758

Ion Ratio Lower Upper

62 100

64 28.5 25.3 37.9





#5

Bromomethane

Concen: 0.735 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 3884

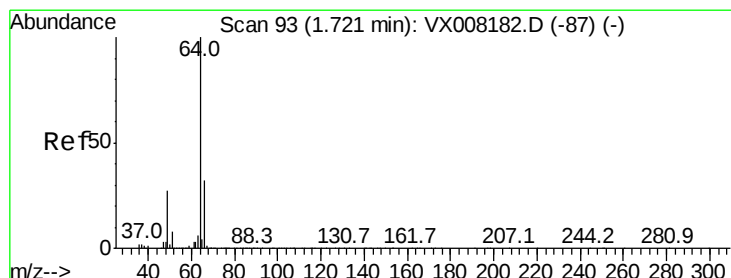
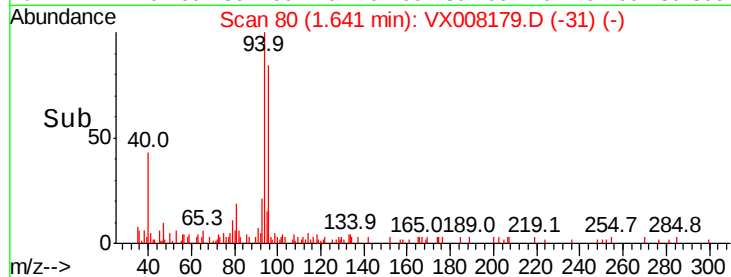
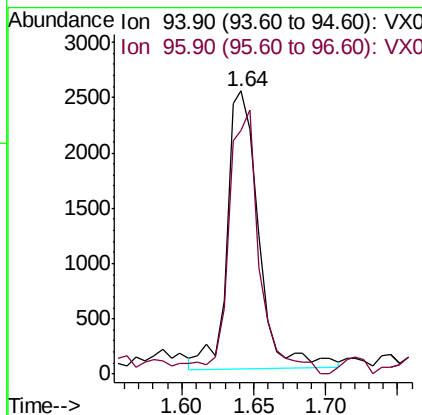
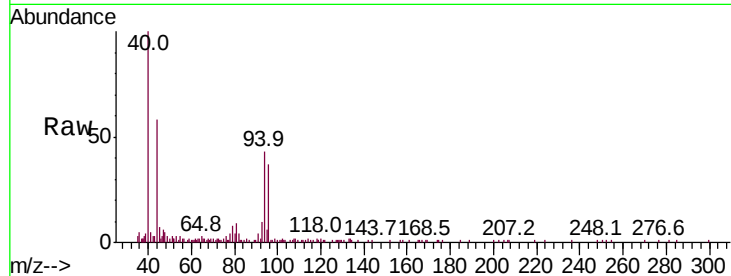
Ion Ratio Lower Upper

94 100

96 87.7 75.5 113.3

Manual Integrations
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#6

Chloroethane

Concen: 0.852 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008179.D

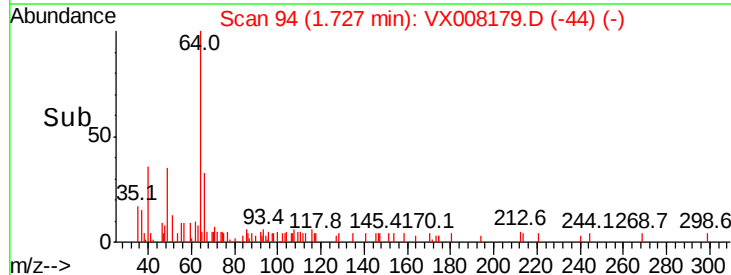
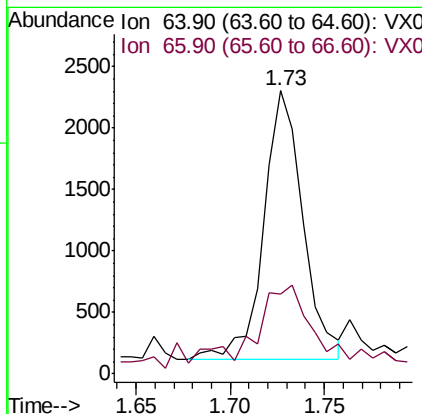
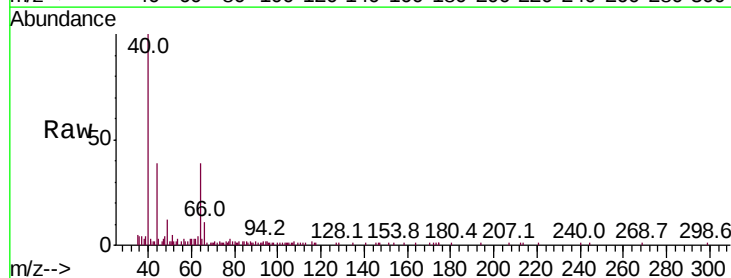
Acq: 19 Mar 2019 09:54

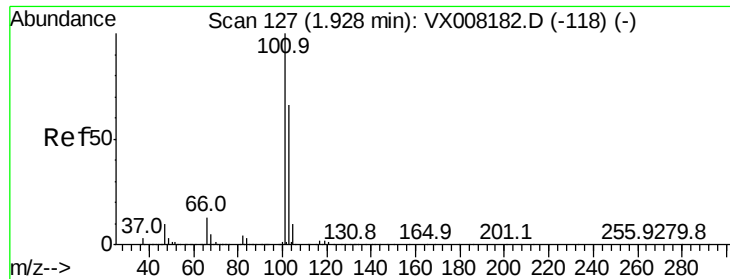
Tgt Ion: 64 Resp: 3136

Ion Ratio Lower Upper

64 100

66 25.8 25.2 37.8





#7

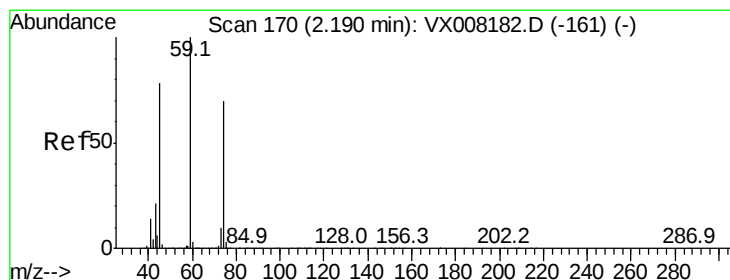
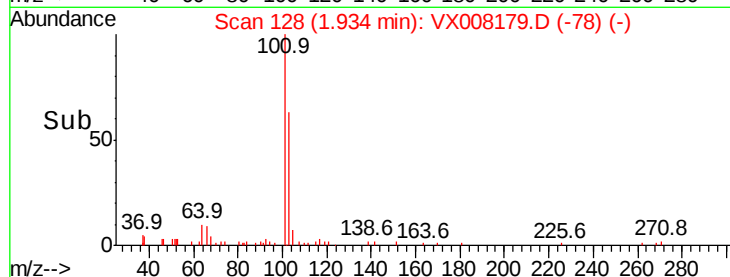
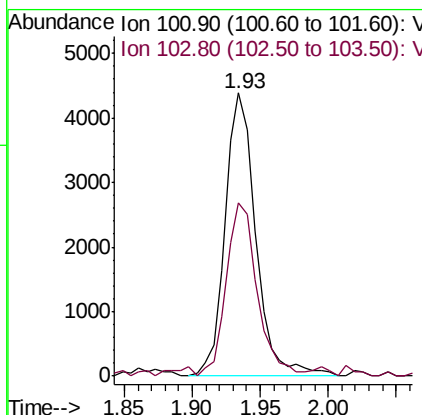
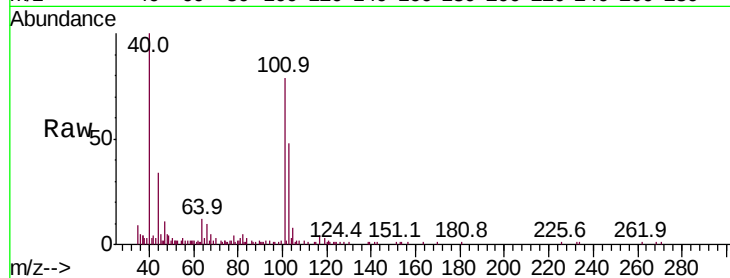
Trichlorofluoromethane
Concen: 0.910 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.0	50.4	75.6

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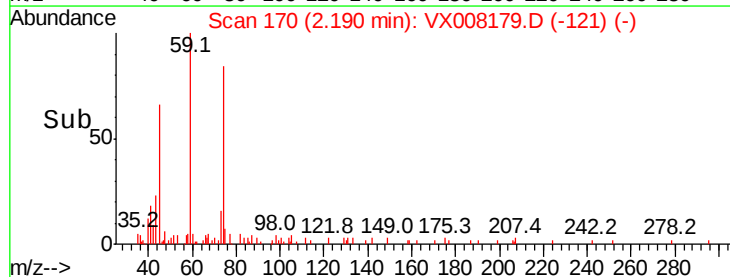
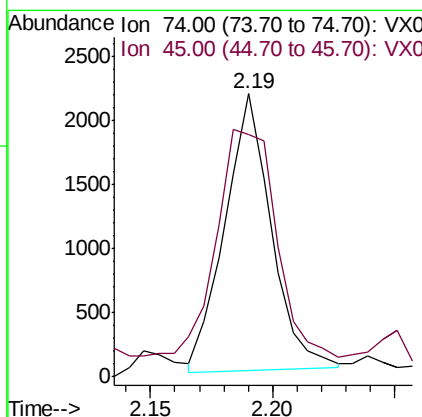
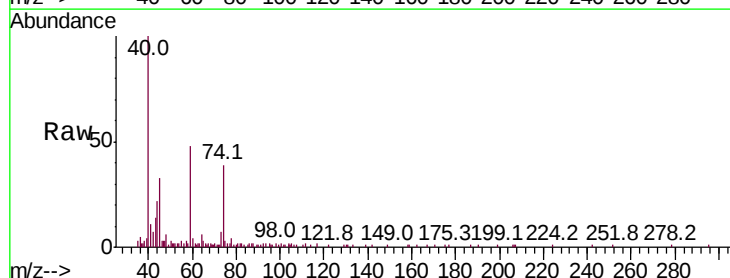
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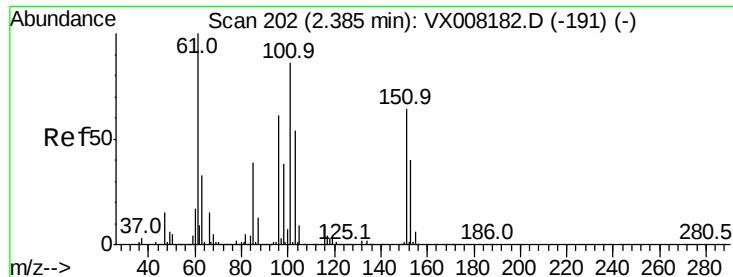


#8

Diethyl Ether
Concen: 0.659 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.8	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.713 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

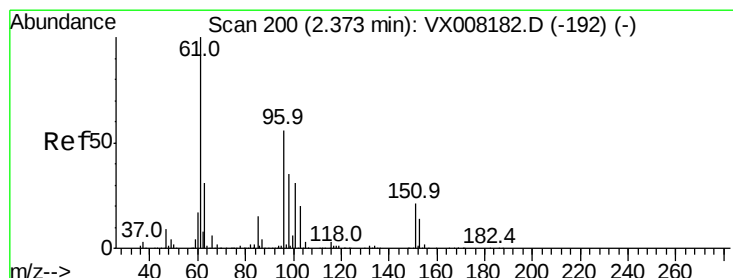
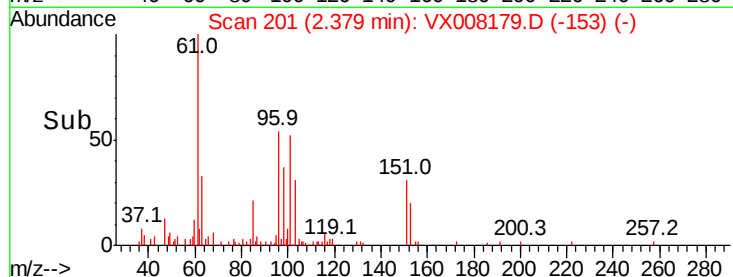
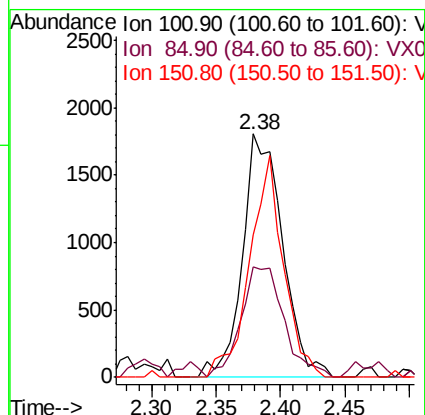
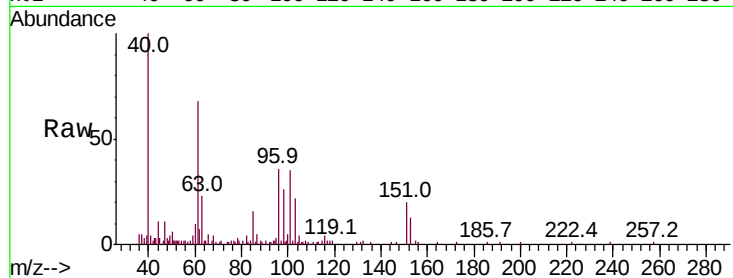
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
85	49.1	33.8	50.6
151	76.8	69.1	103.7

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#12

1,1-Dichloroethene

Concen: 0.665 ug/l

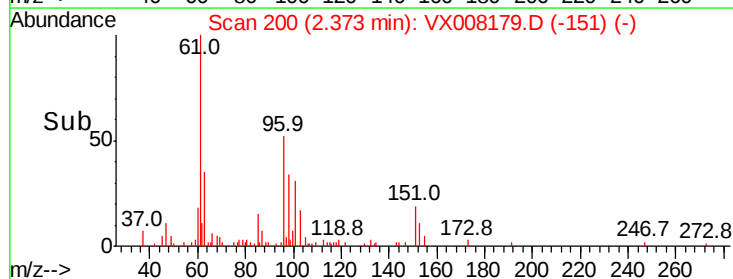
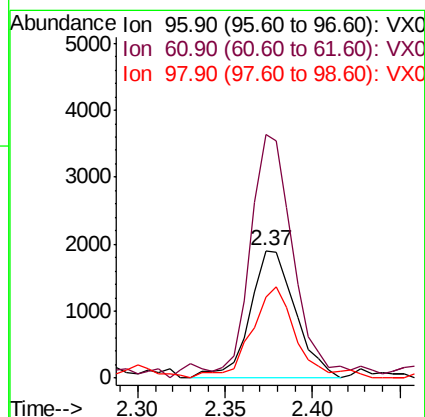
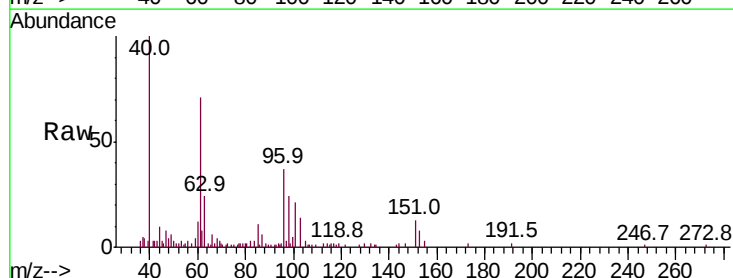
RT: 2.37 min Scan# 200

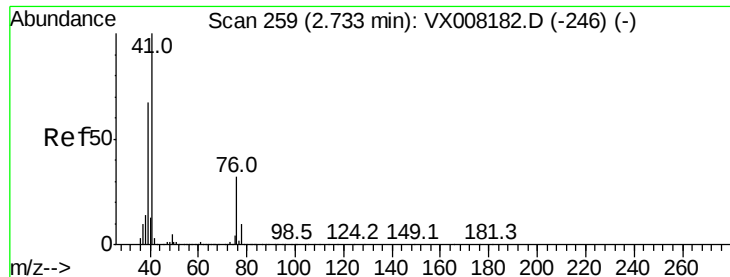
Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.6	129.8	194.6
98	63.6	51.0	76.6





#14

Allvl chloride

Concen: 0.693 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

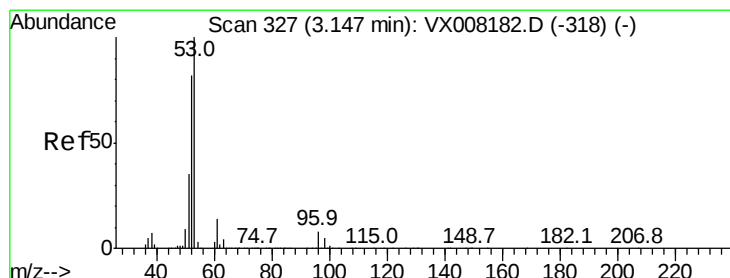
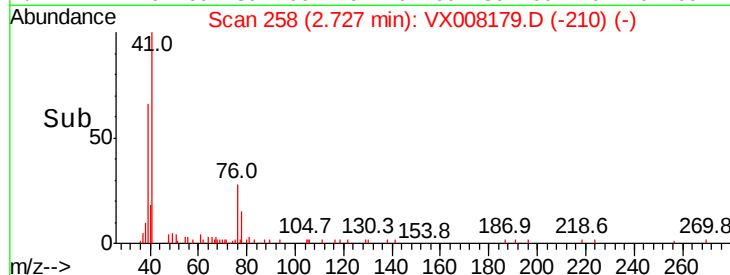
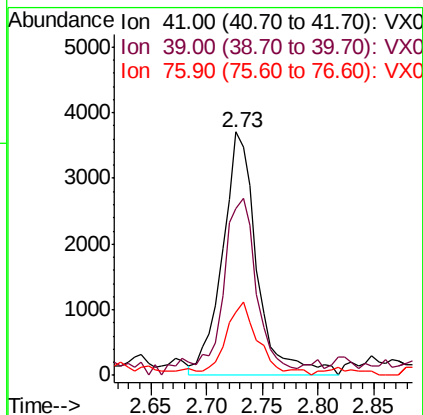
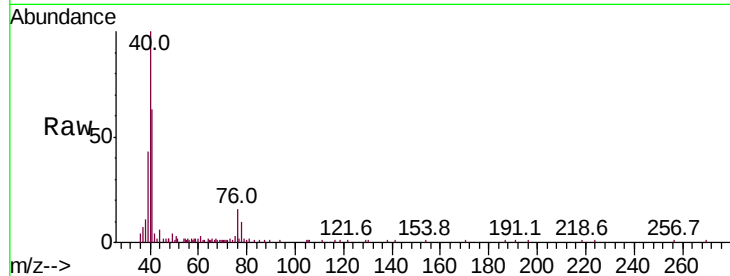
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	7956
Ion Ratio	Lower	Upper	
41	100		
39	74.0	46.1	69.1#
76	28.4	24.0	36.0

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#15

Acrylonitrile

Concen: 3.042 ug/l

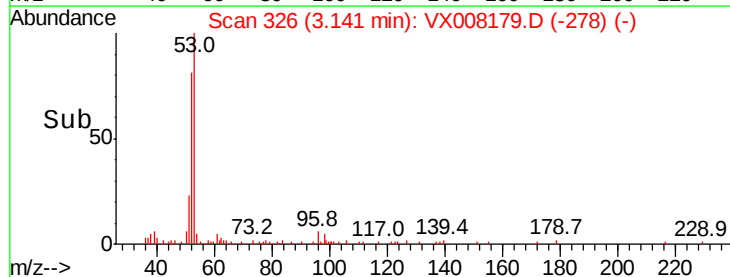
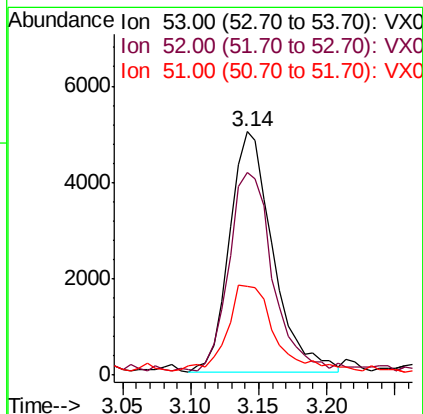
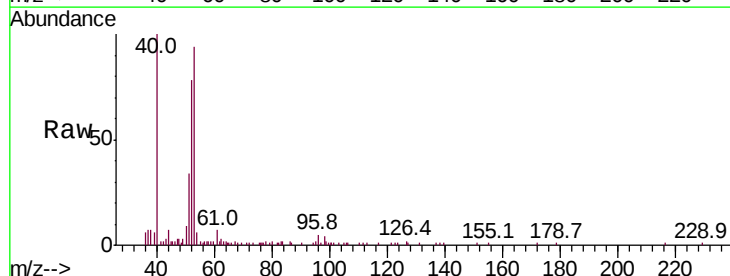
RT: 3.14 min Scan# 326

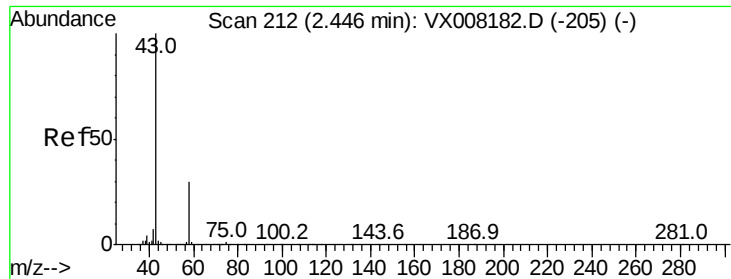
Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion:	53	Resp:	11081
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.0	99.0
51	39.6	28.0	42.0





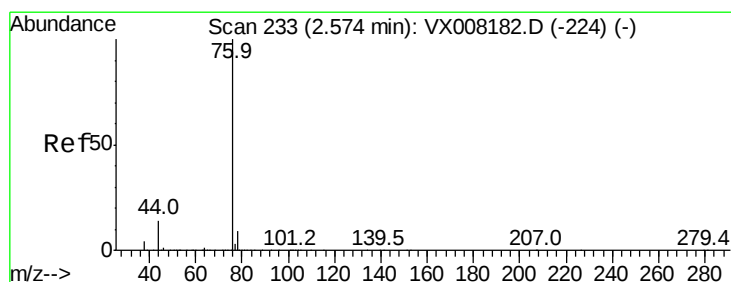
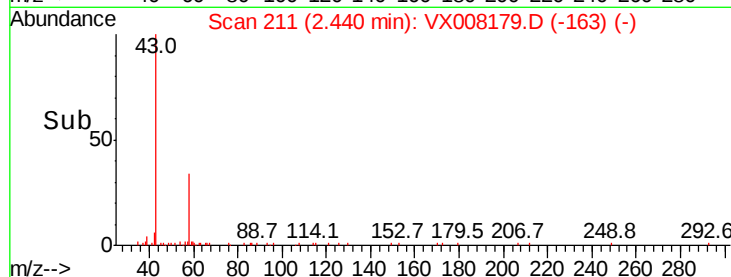
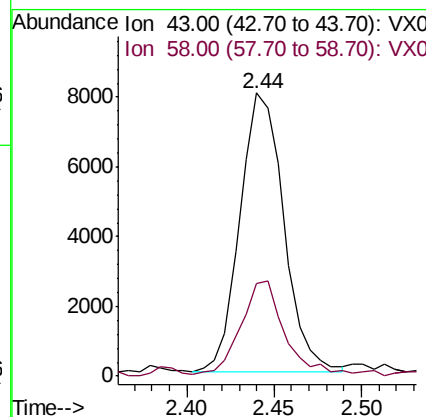
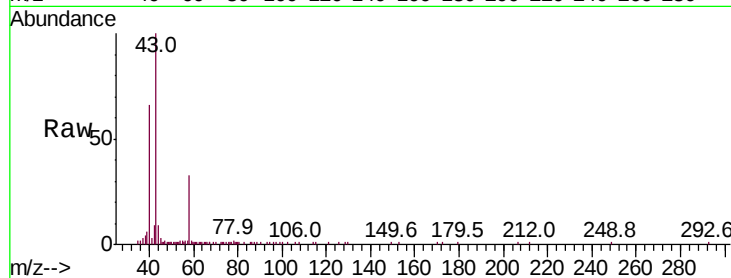
#16
Acetone
Concen: 3.917 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tot Ion	43	58	Ratio	100	31.7	Resp	Lower	Upper
13918							25.5	38.3

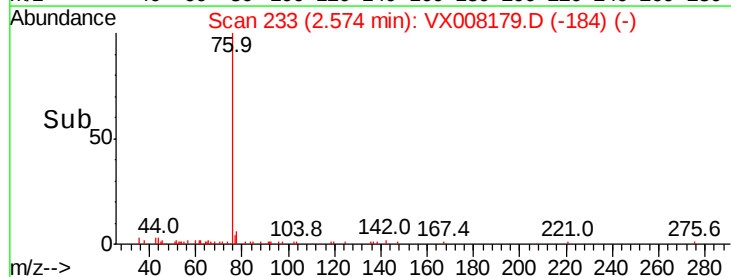
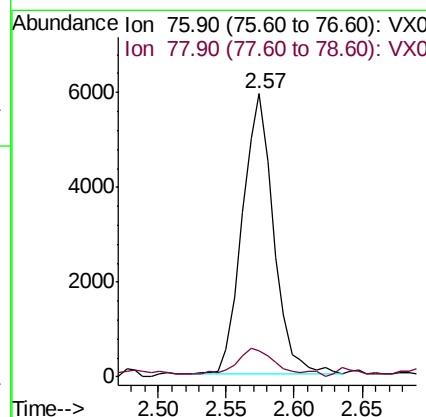
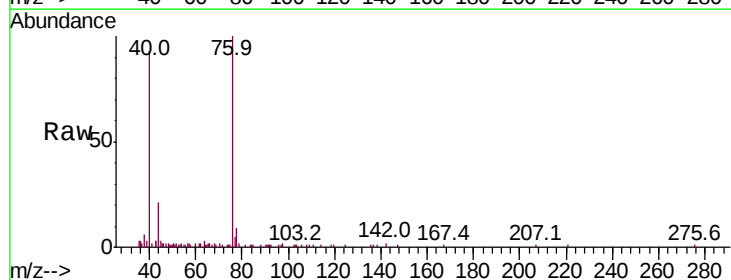
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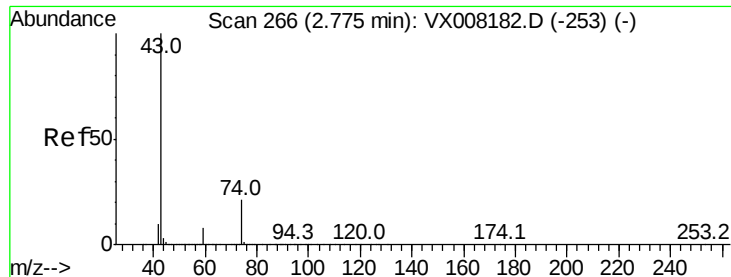
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#17
Carbon Disulfide
Concen: 0.593 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tgt Ion	76	78	Ratio	100	8.2	Resp	Lower	Upper
9530							7.2	10.8





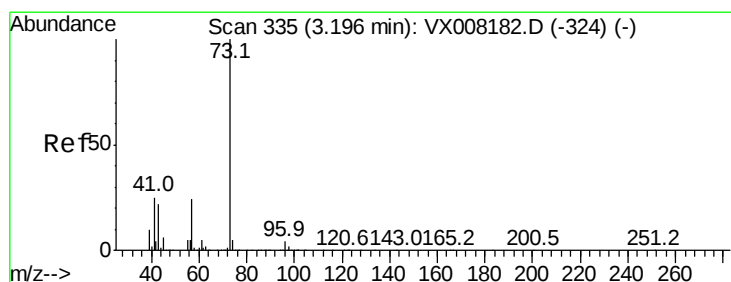
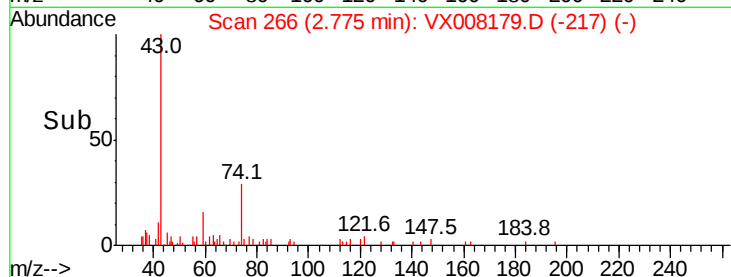
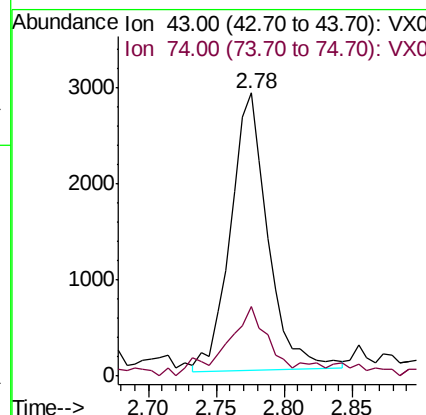
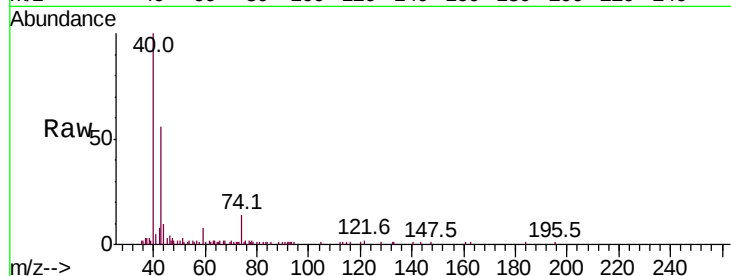
#18
Methvl Acetate
Concen: 0.636 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 5524
Ion Ratio Lower Upper
43 100
74 28.3 17.8 26.6#

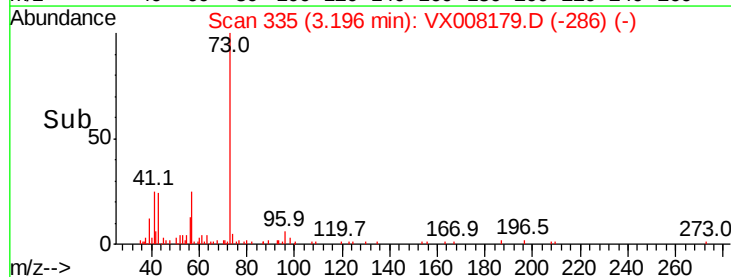
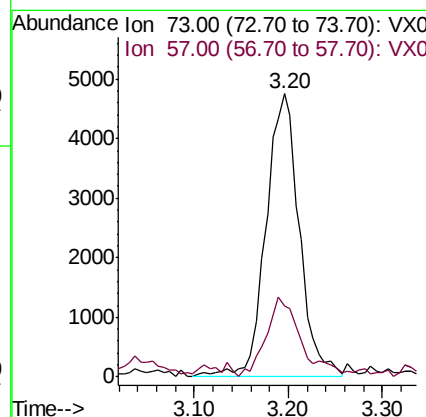
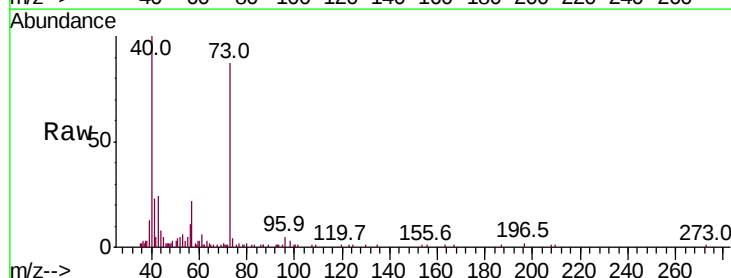
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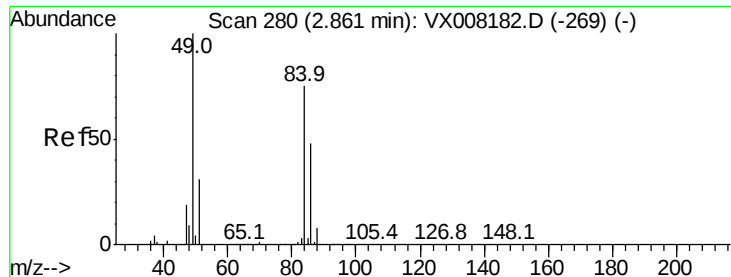
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#19
Methyl tert-butyl Ether
Concen: 0.626 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tgt Ion: 73 Resp: 11822
Ion Ratio Lower Upper
73 100
57 23.7 18.2 27.4





#20

Methylene Chloride

Concen: 0.793 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 84 Resp: 4670

Ion Ratio Lower Upper

84 100

49 144.7 99.3 148.9

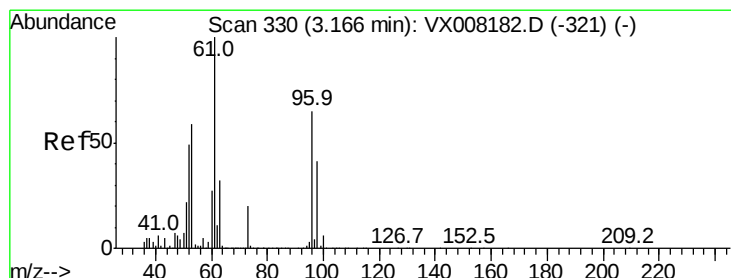
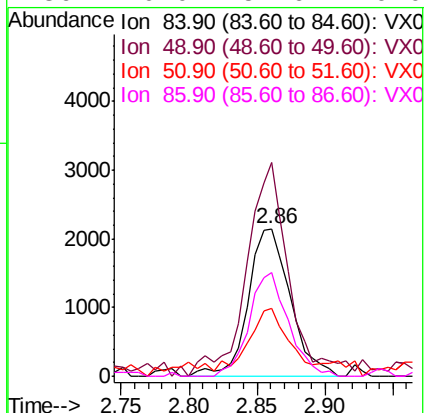
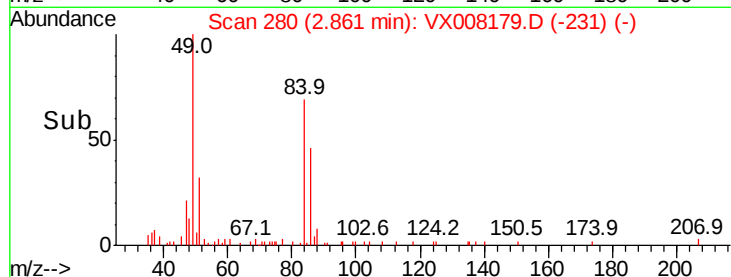
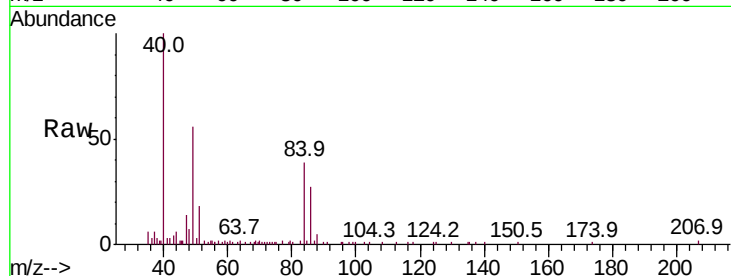
51 36.9 31.3 46.9

86 70.0 52.6 79.0

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#21

trans-1,2-Dichloroethene

Concen: 0.721 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

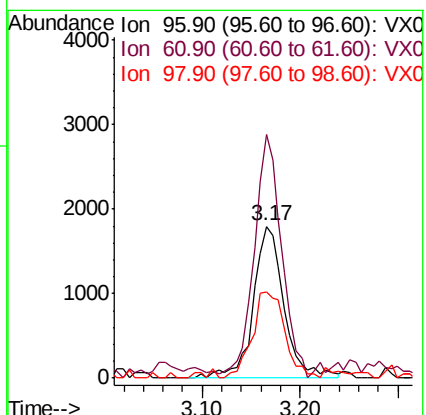
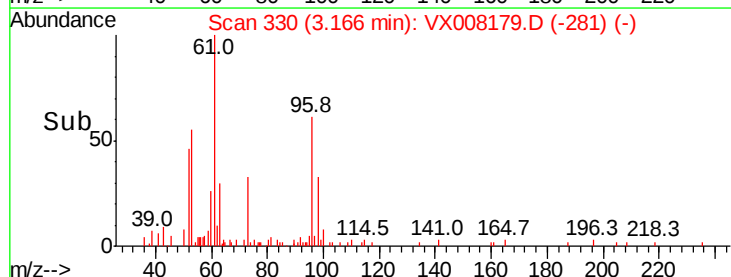
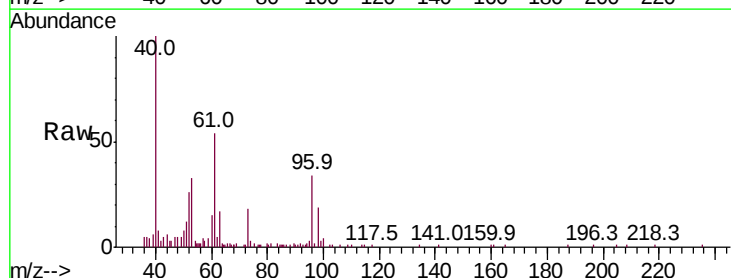
Tgt Ion: 96 Resp: 3937

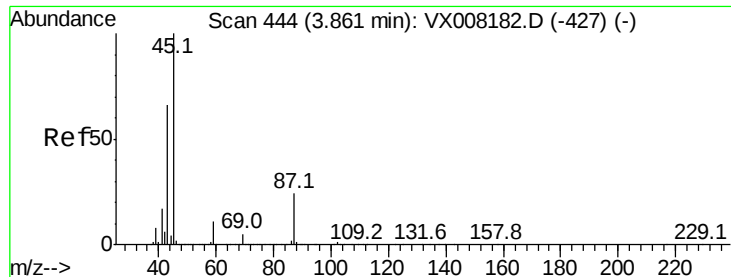
Ion Ratio Lower Upper

96 100

61 158.4 114.4 171.6

98 58.4 51.1 76.7





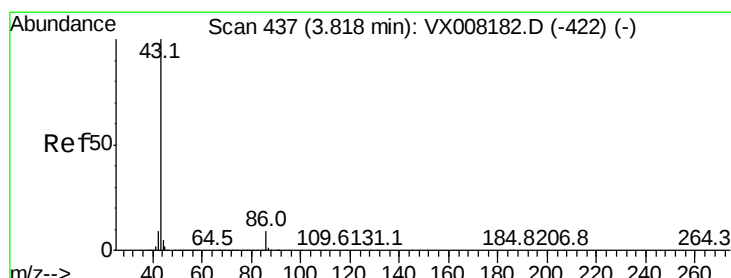
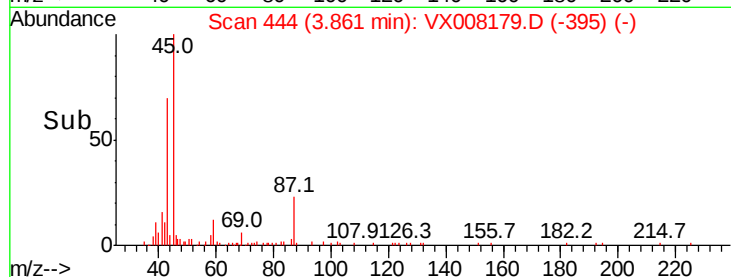
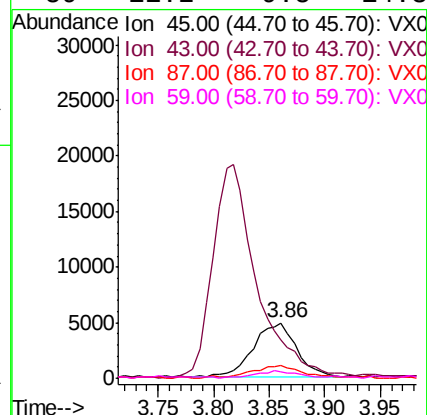
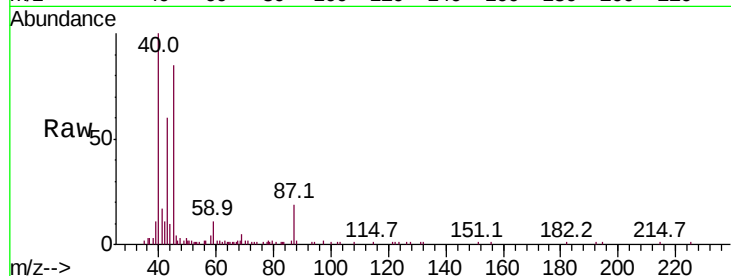
#22
Diisopropyl ether
Concen: 0.572 ug/l
RT: 3.86 min Scan# 444
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
45	100		
43	64.2	45.3	67.9
87	22.2	21.4	32.0
59	11.2	9.5	14.3

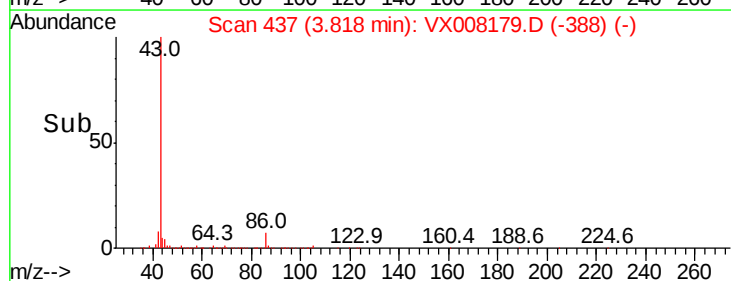
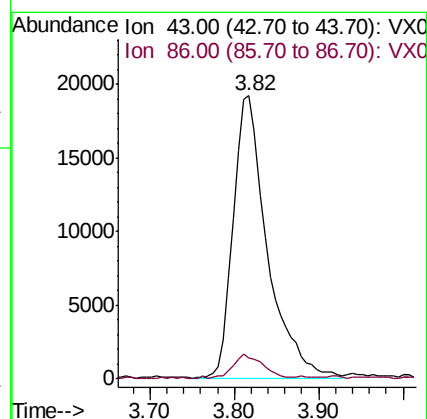
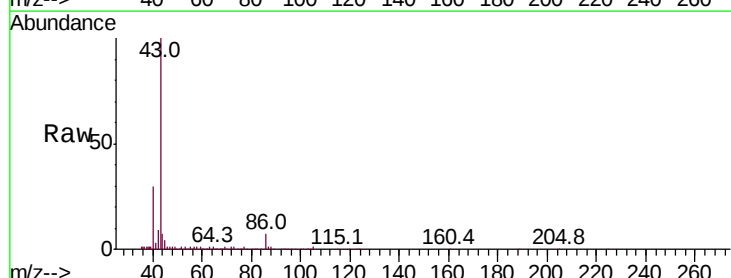
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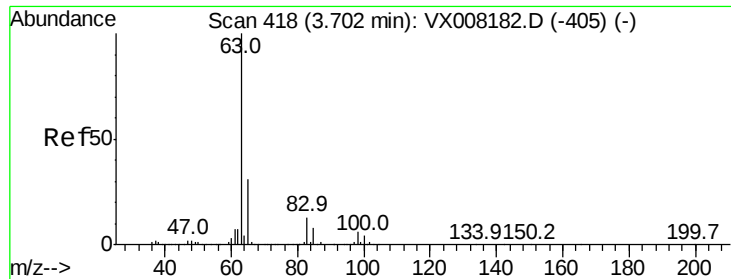
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#23
Vinyl Acetate
Concen: 2.687 ug/l
RT: 3.82 min Scan# 437
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
86	7.4	7.9	11.9#





#24

1,1-Dichloroethane

Concen: 0.706 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

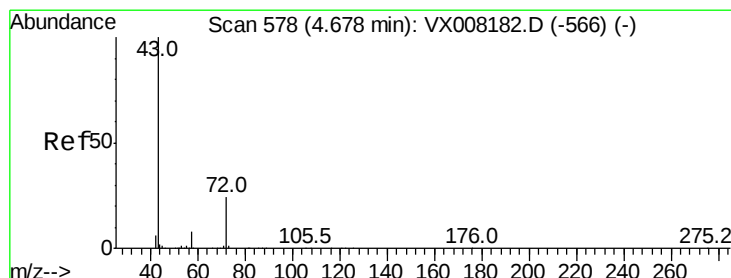
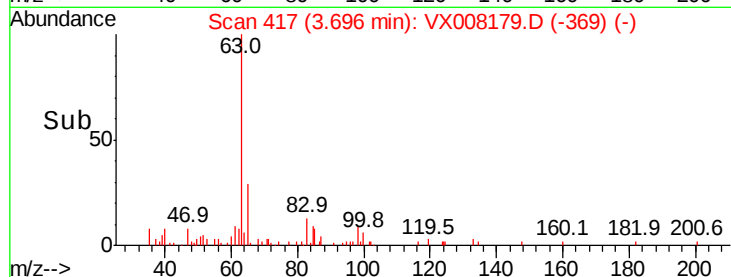
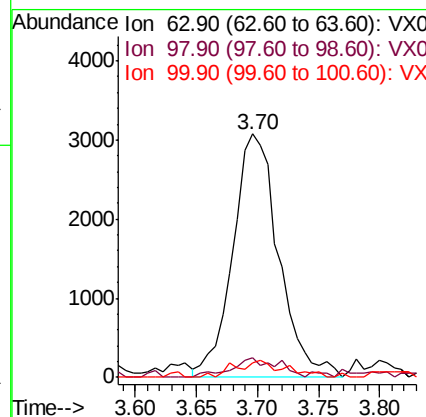
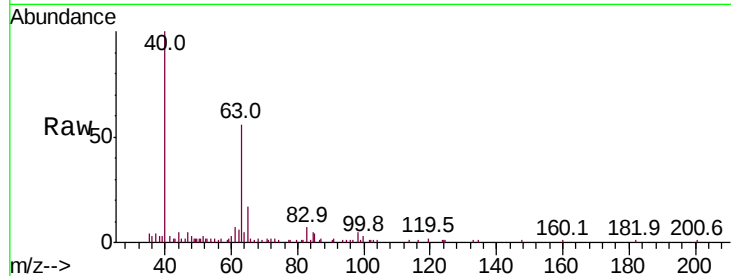
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	8005
Ion Ratio	Lower	Upper	
63	100		
98	8.3	3.3	9.8
100	5.8	2.3	6.8

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#25

2-Butanone

Concen: 3.224 ug/l

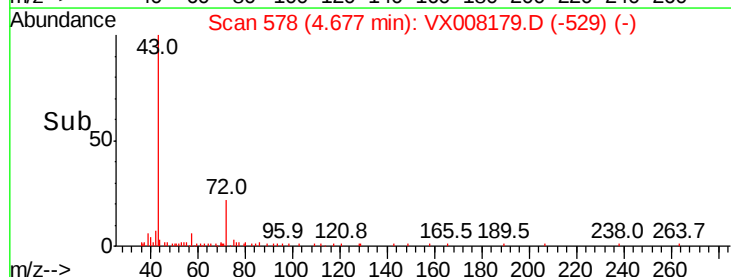
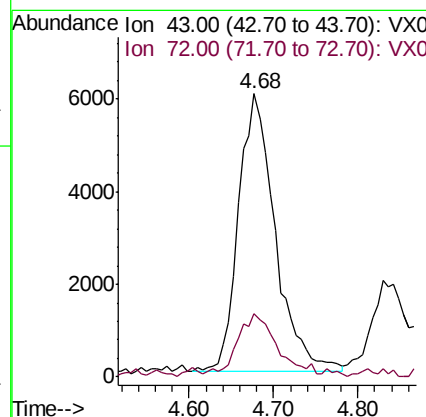
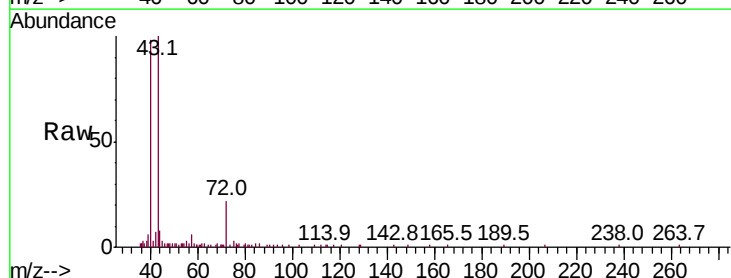
RT: 4.68 min Scan# 578

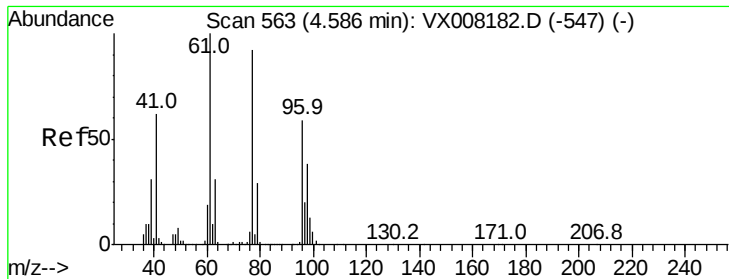
Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion:	43	Resp:	17588
Ion Ratio	Lower	Upper	
43	100		
72	21.8	19.9	29.9





#26

2,2-Dichloropropane

Concen: 0.646 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 77 Resp: 5577

Ion Ratio Lower Upper

77 100

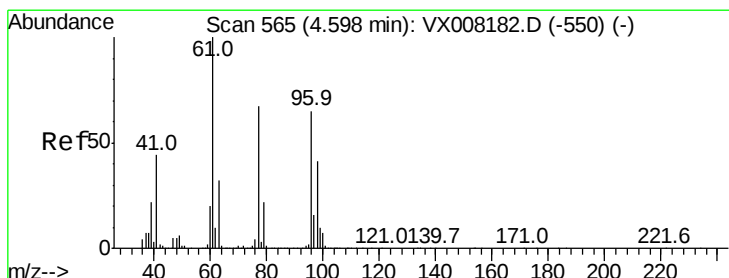
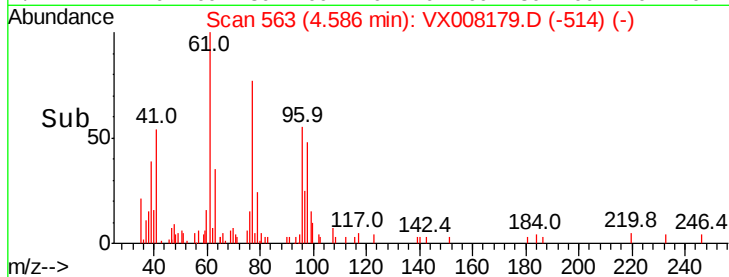
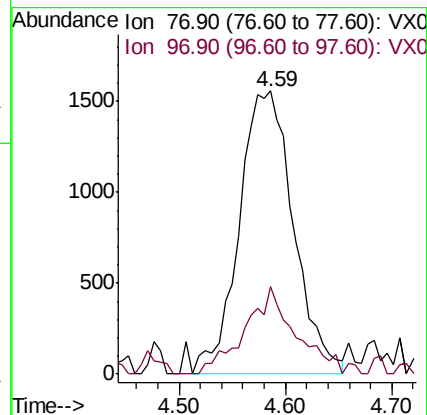
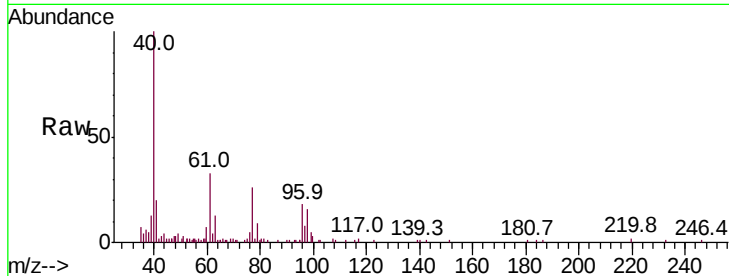
97 28.9 12.2 36.6

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#27

cis-1,2-Dichloroethene

Concen: 0.717 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

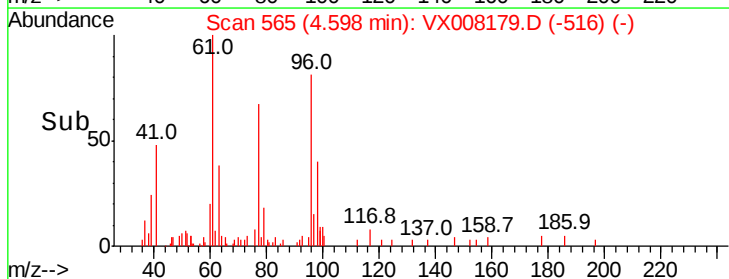
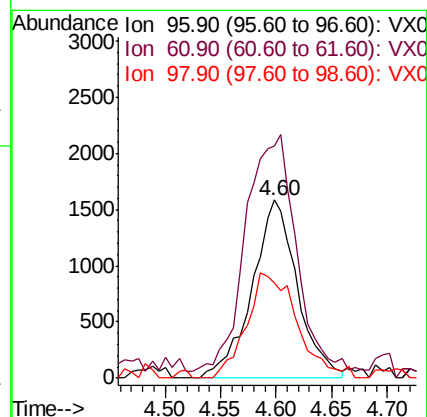
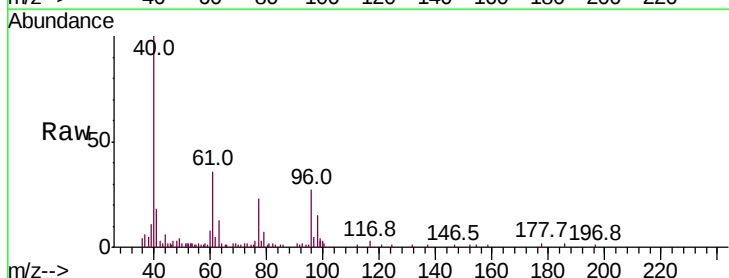
Tgt Ion: 96 Resp: 4494

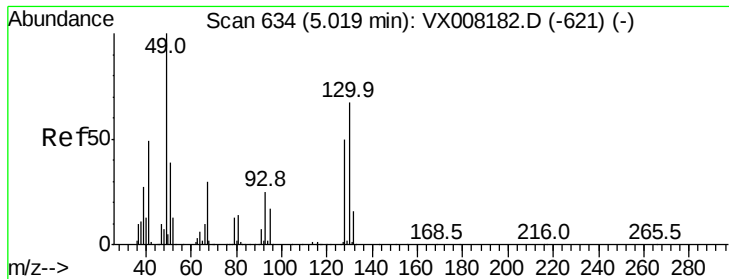
Ion Ratio Lower Upper

96 100

61 148.0 0.0 288.0

98 66.0 0.0 129.0





#28

Bromochloromethane

Concen: 1.046 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

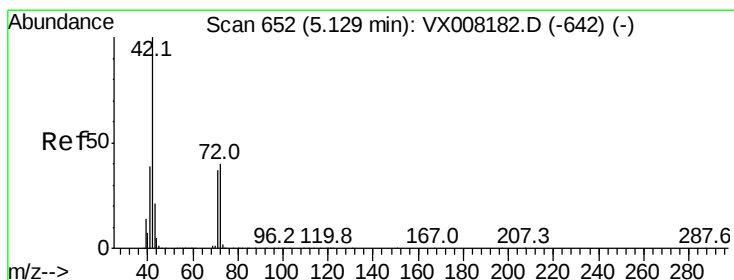
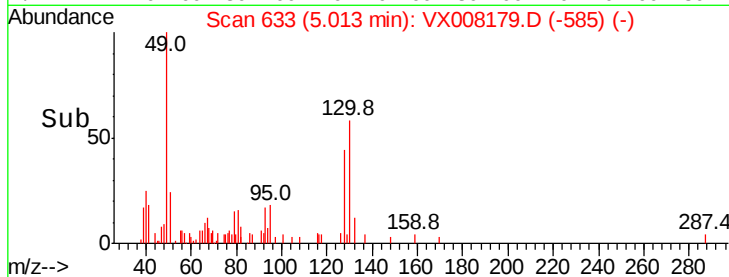
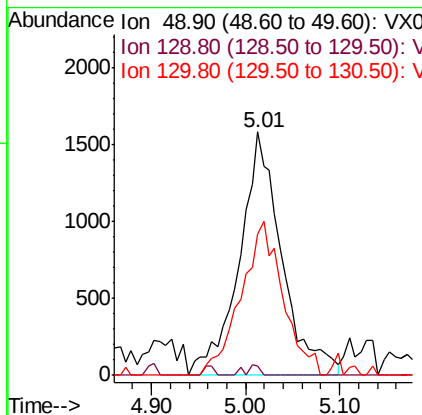
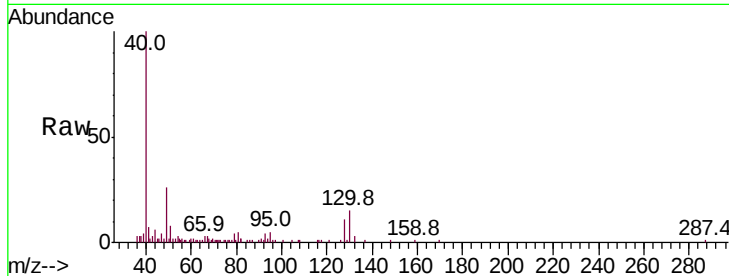
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.0
130	62.6	65.0	97.4#

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#29

Tetrahydrofuran

Concen: 3.071 ug/l

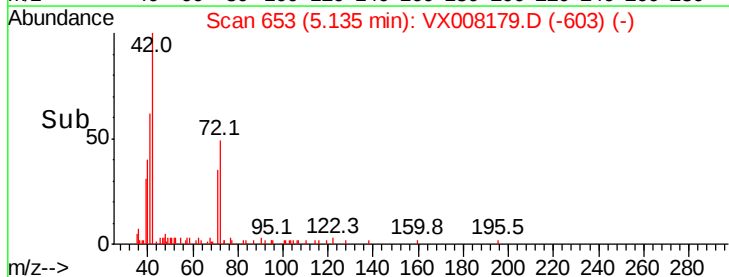
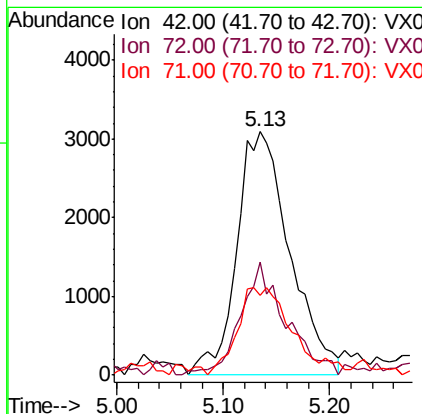
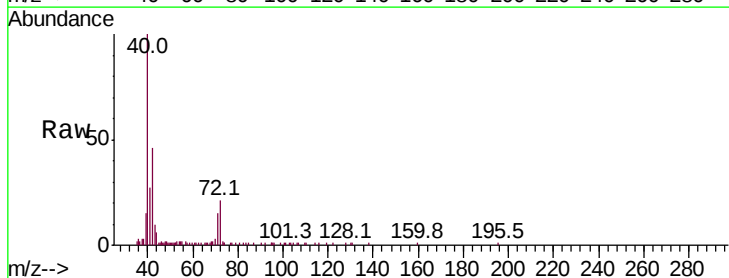
RT: 5.13 min Scan# 653

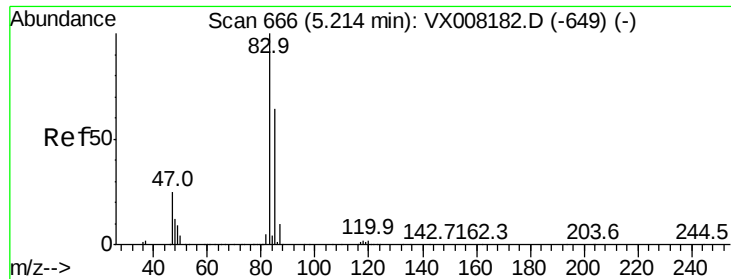
Delta R.T. 0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.4	33.8	50.6
71	37.1	31.5	47.3





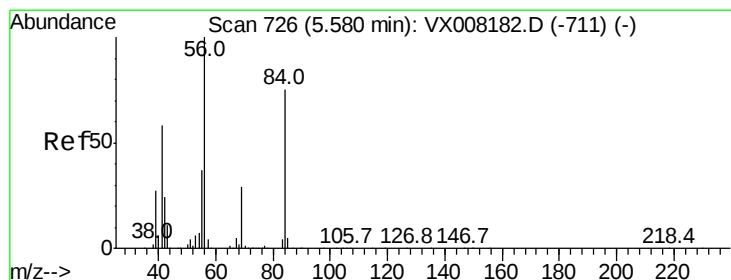
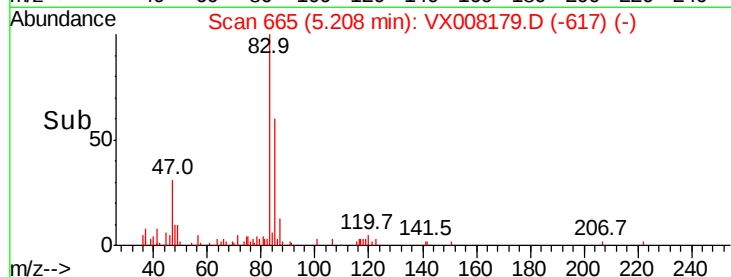
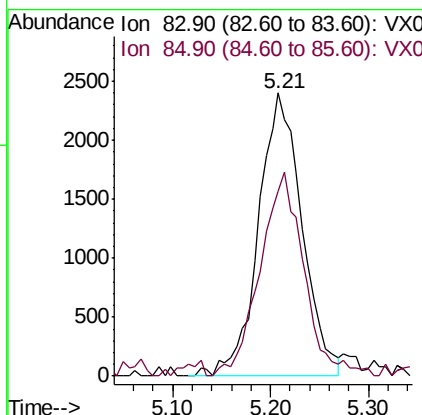
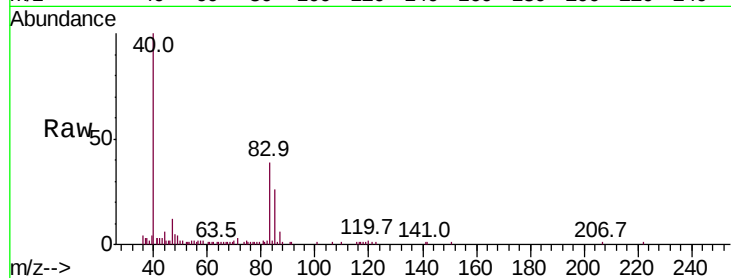
#30
Chloroform
Concen: 0.699 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 7448
Ion Ratio Lower Upper
83 100
85 61.1 51.8 77.6

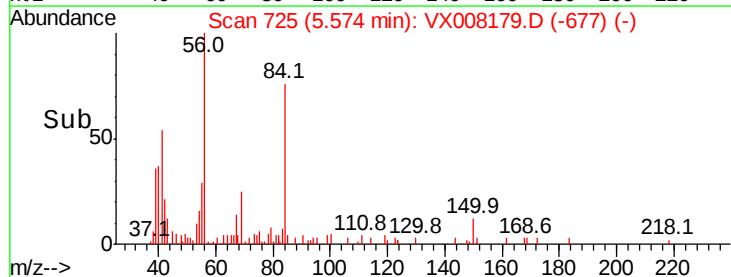
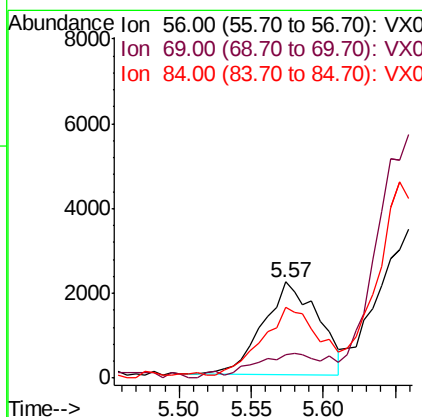
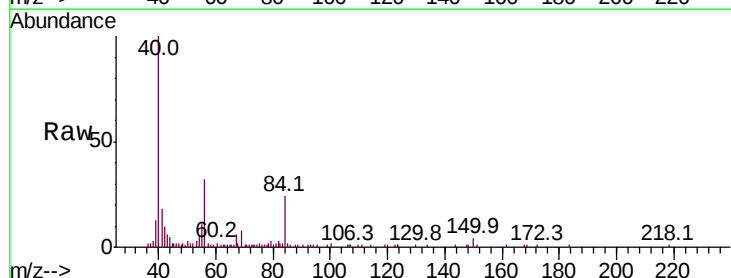
Manual Integrations
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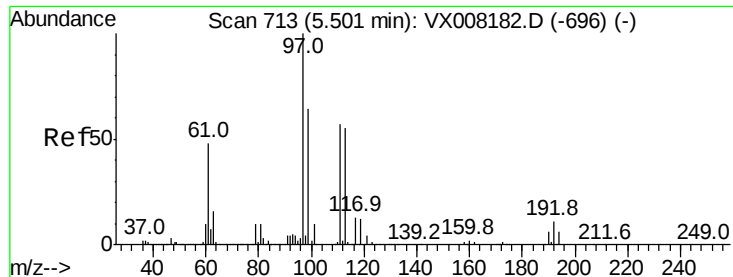
MMDadoda
3/20/2019 10:26:36 AM



#31
Cyclohexane
Concen: 0.529 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tgt Ion: 56 Resp: 5858
Ion Ratio Lower Upper
56 100
69 25.5 24.0 36.0
84 72.9 65.3 97.9





#32

1,1,1-Trichloroethane

Concen: 0.695 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

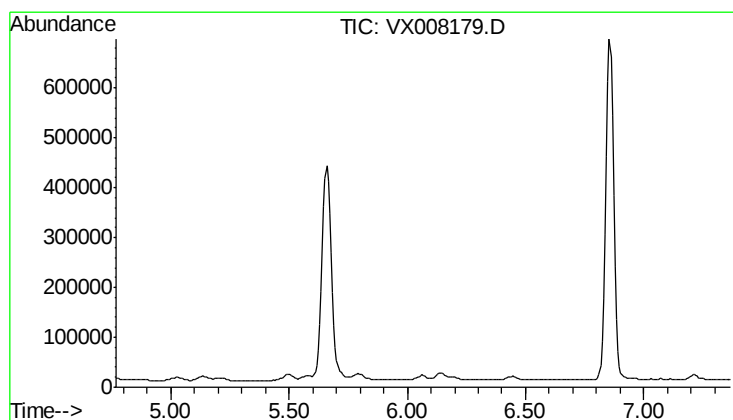
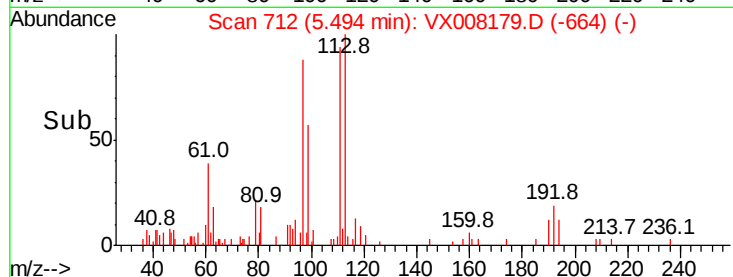
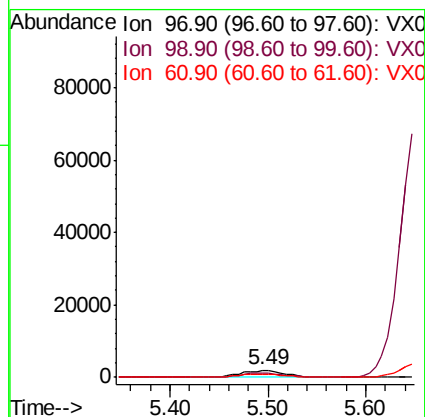
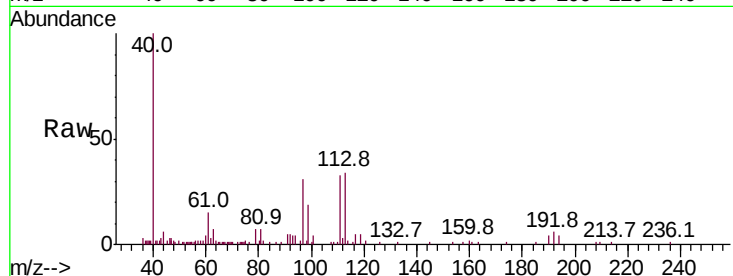
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	6218
Ion Ratio	Lower	Upper	
97	100		
99	0.0	52.2	78.2#
61	52.2	34.9	52.3

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.07 min

Lab File: VX008179.D

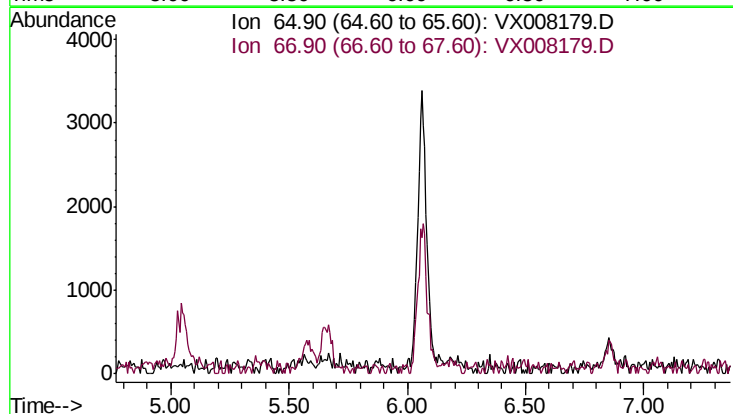
Acq: 19 Mar 2019 09:54

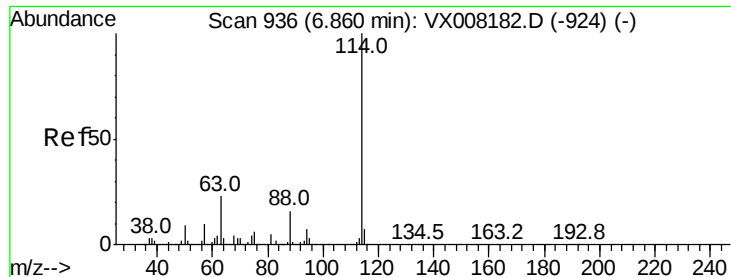
Tgt Ion: 65

Sig Exp Ratio

65 100

67 55.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

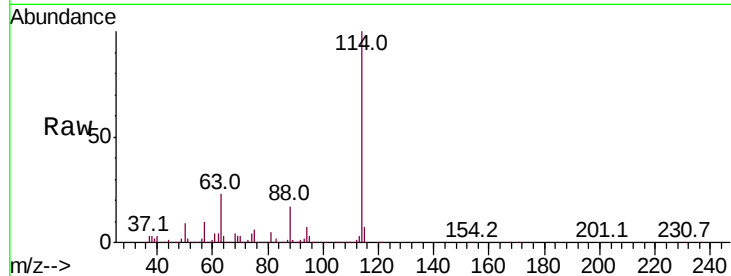
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	649714
Ion Ratio	Lower	Upper	
114	100		
63	23.3	0.0	39.8
88	17.1	0.0	31.4

Manual Integrations
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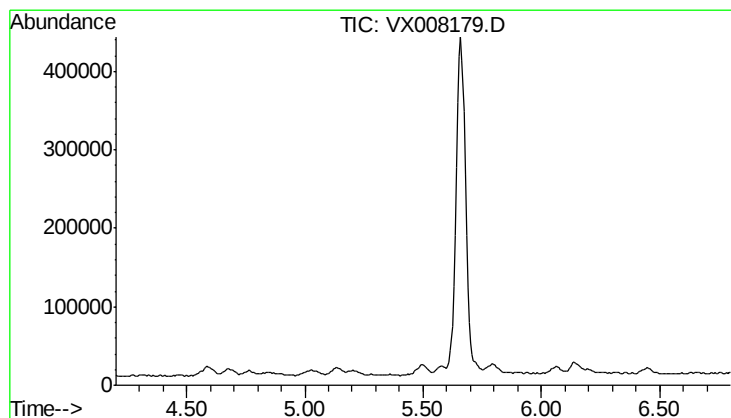
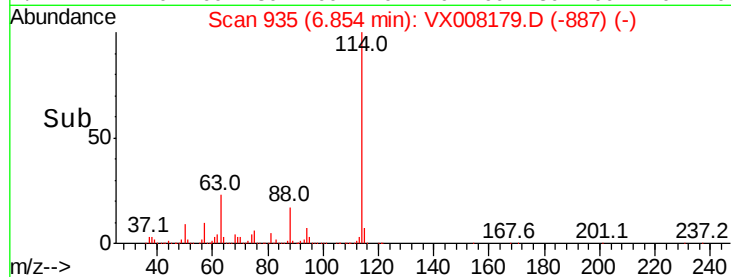
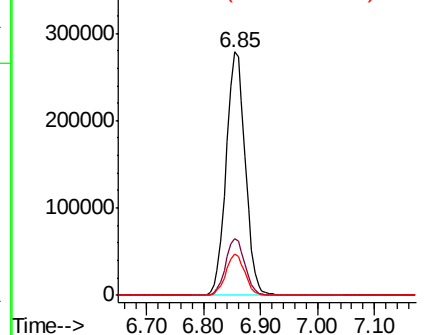
MMDadoda
3/20/2019 10:26:36 AM



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.50 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

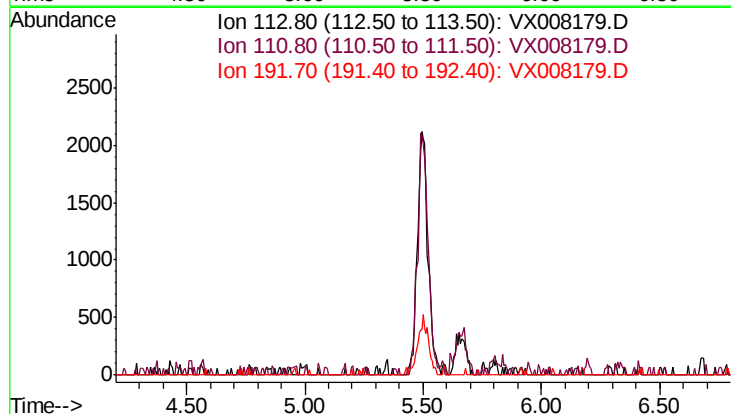
Tgt Ion: 113

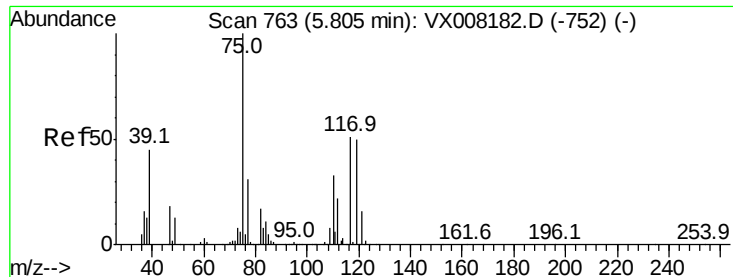
Sig Exp Ratio

113 100

111 101.7

192 24.2





#36

1,1-Dichloropropene

Concen: 0.612 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

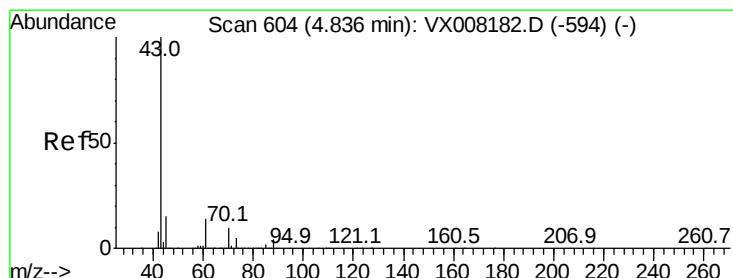
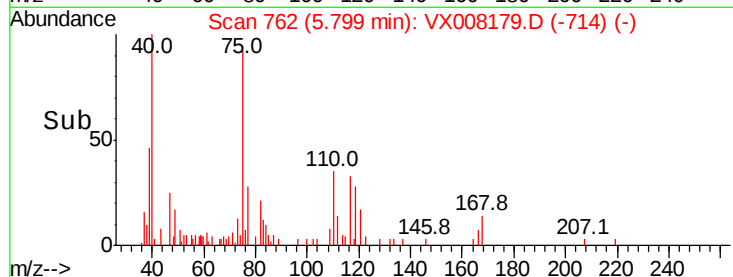
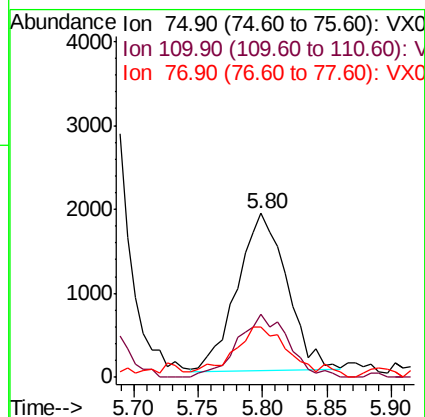
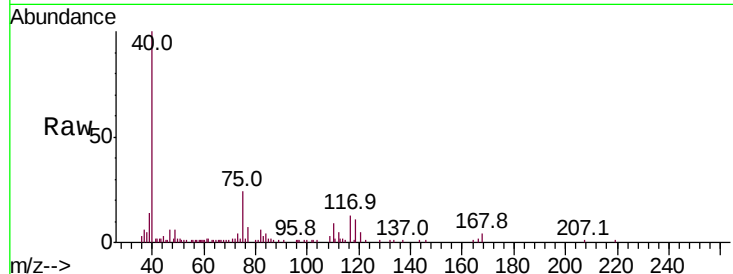
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	4973
Ion	Ratio	Lower	Upper
75	100		
110	41.2	18.4	55.0
77	28.5	25.0	37.4

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#37

Ethyl Acetate

Concen: 0.585 ug/l

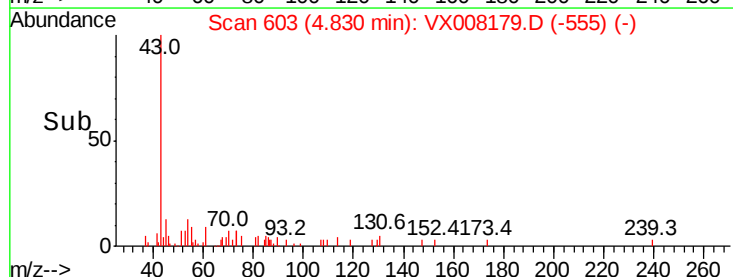
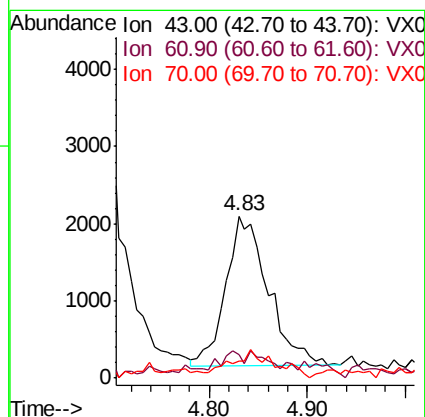
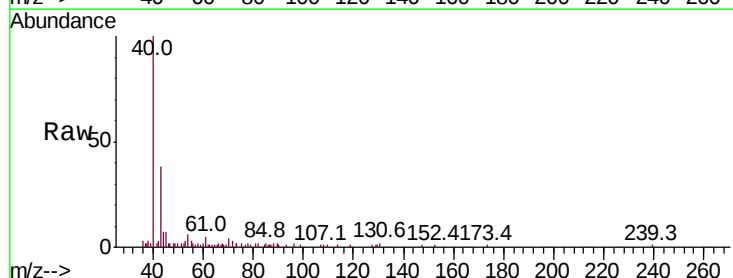
RT: 4.83 min Scan# 603

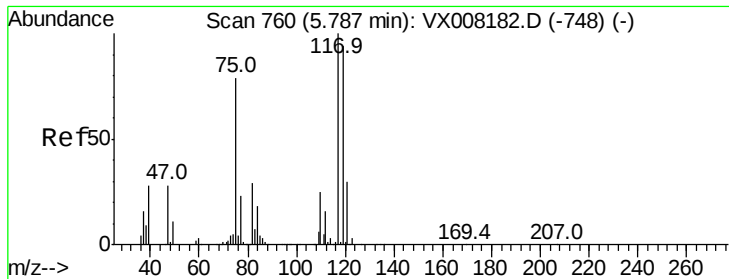
Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion:	43	Resp:	5919
Ion	Ratio	Lower	Upper
43	100		
61	6.0	11.3	16.9#
70	0.0	8.5	12.7#





#38

Carbon Tetrachloride

Concen: 0.607 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

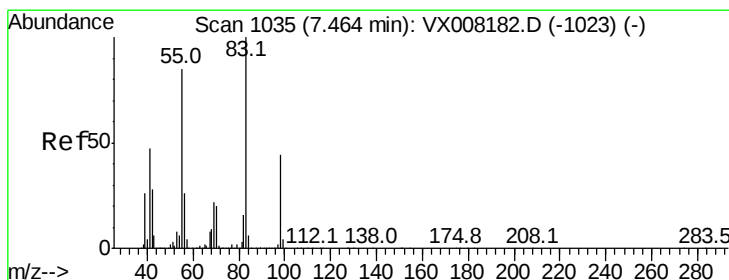
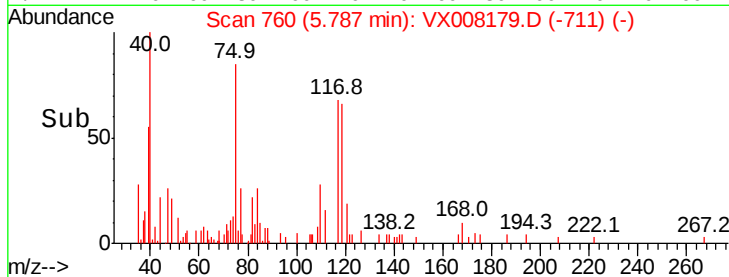
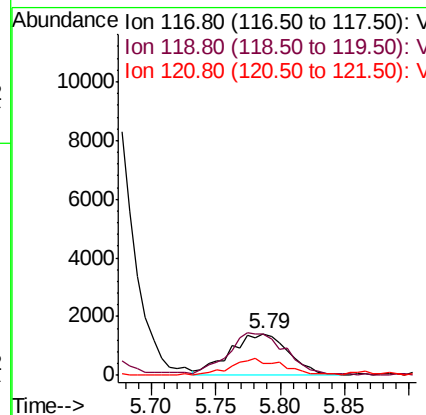
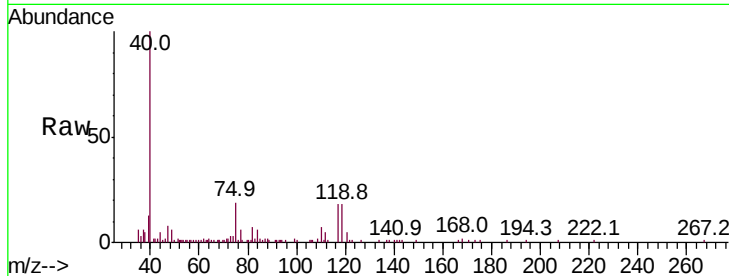
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.2
121	29.3	24.6	36.8

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#39

Methylcyclohexane

Concen: 0.688 ug/l

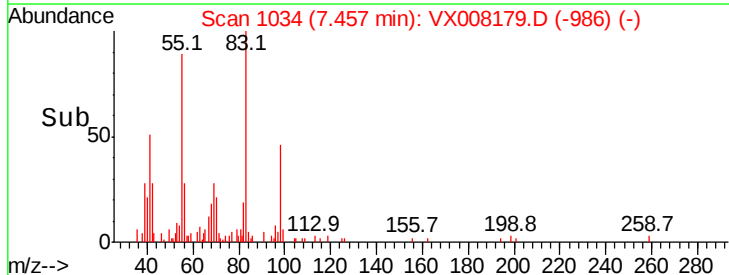
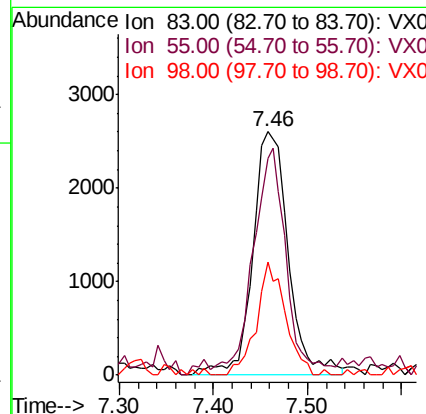
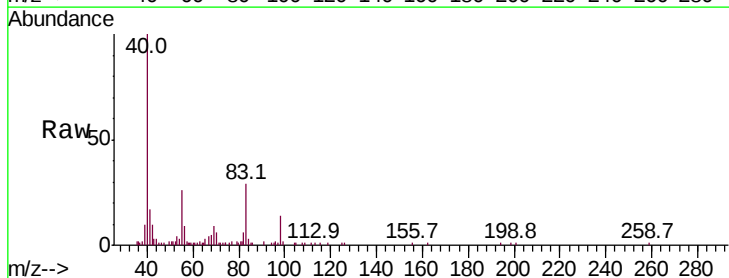
RT: 7.46 min Scan# 1034

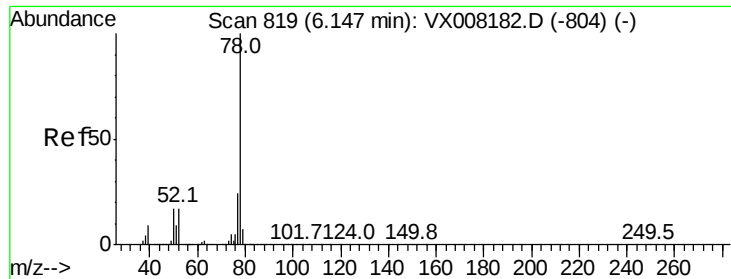
Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.3	60.4	90.6
98	46.5	36.5	54.7





#40

Benzene

Concen: 0.664 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 16174

Ion Ratio Lower Upper

78 100

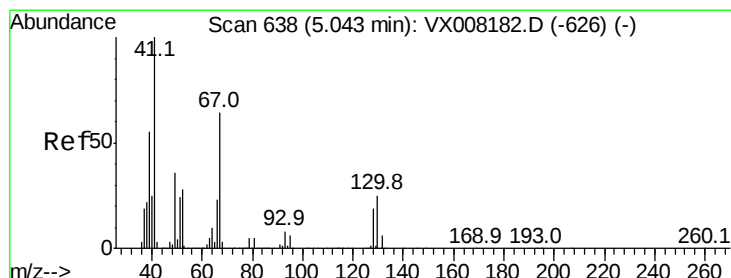
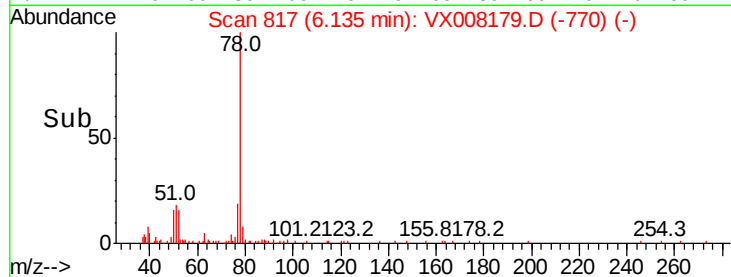
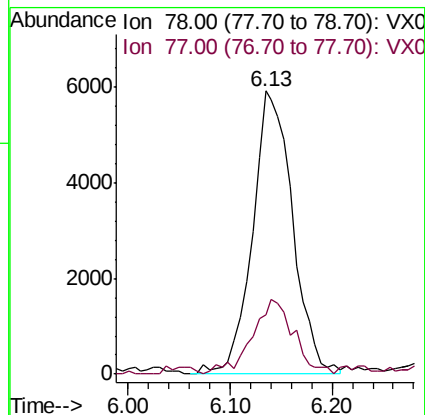
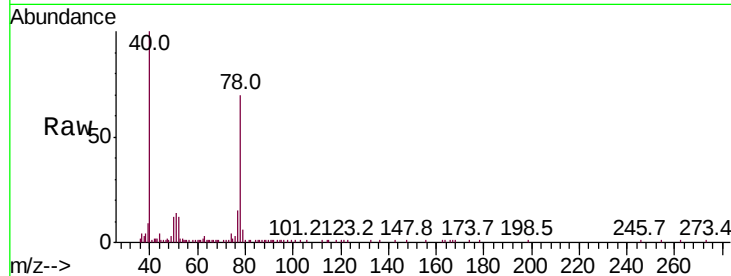
77 18.7 19.0 28.4#

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#41

Methacrylonitrile

Concen: 0.501 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion: 41 Resp: 2840

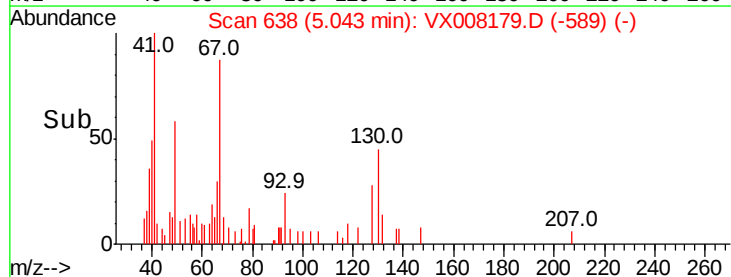
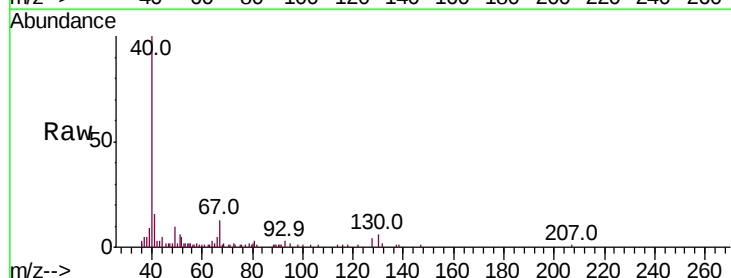
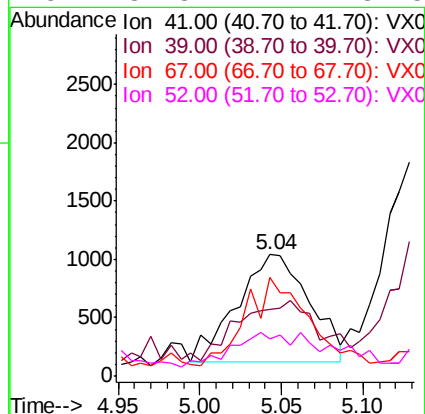
Ion Ratio Lower Upper

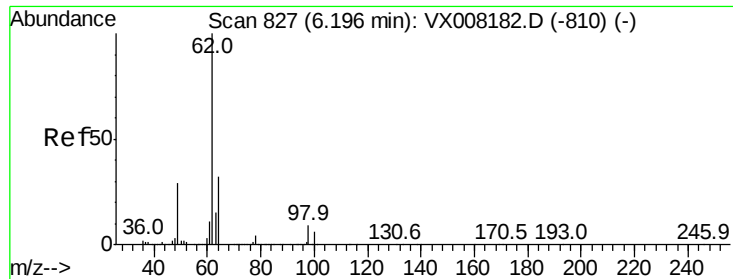
41 100

39 67.0 41.6 62.4#

67 92.4 55.8 83.6#

52 32.3 21.7 32.5





#42

1,2-Dichloroethane

Concen: 0.756 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 6659

Ion Ratio Lower Upper

62 100

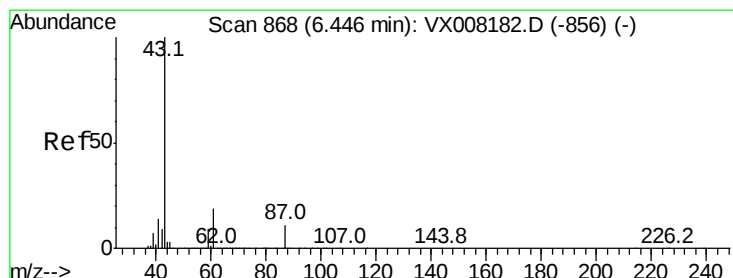
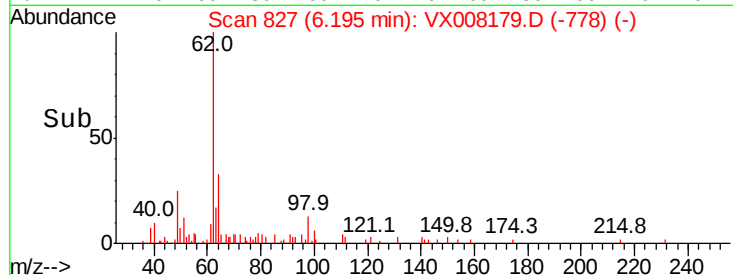
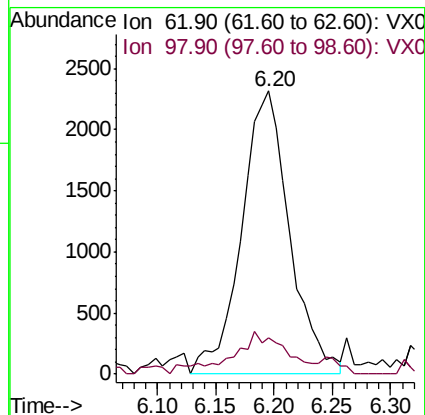
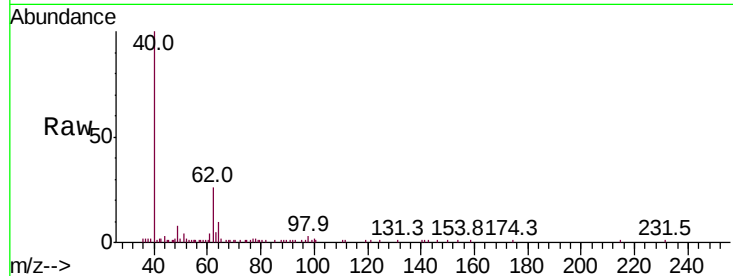
98 15.5 0.0 20.4

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#43

Isopropyl Acetate

Concen: 0.606 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

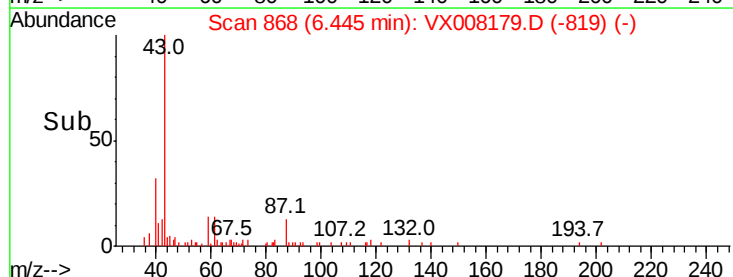
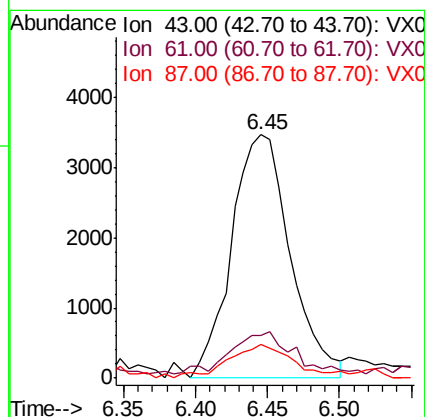
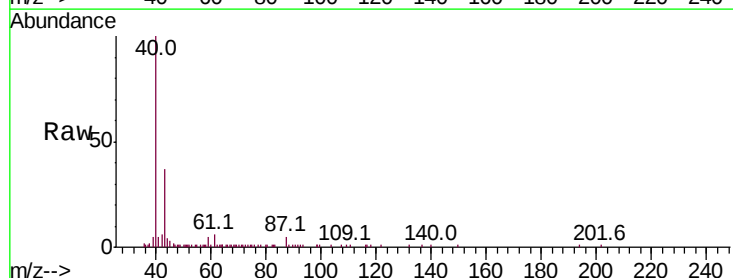
Tgt Ion: 43 Resp: 9822

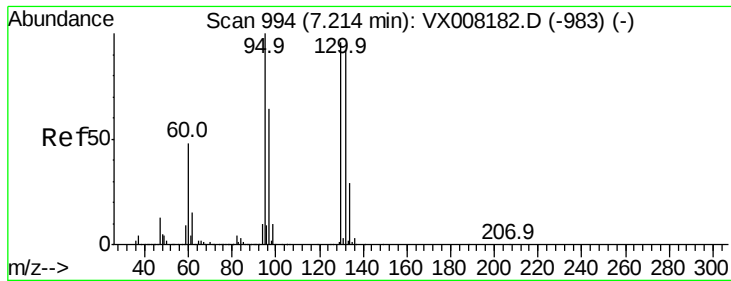
Ion Ratio Lower Upper

43 100

61 20.2 16.3 24.5

87 15.5 10.5 15.7





#44

Trichloroethene

Concen: 0.676 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3919

Ion Ratio Lower Upper

130 100

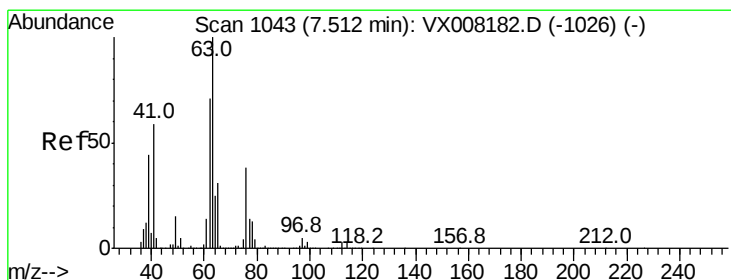
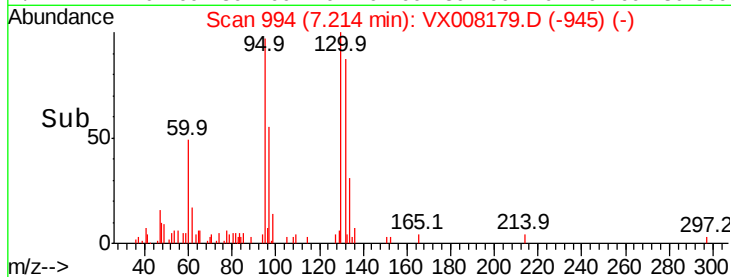
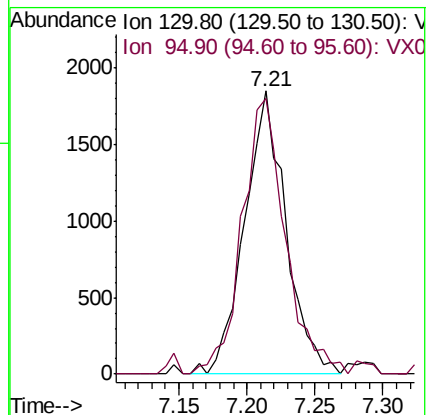
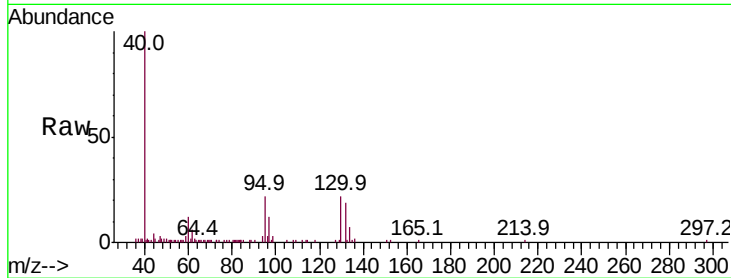
95 97.2 0.0 188.0

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#45

1,2-Dichloropropane

Concen: 0.621 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008179.D

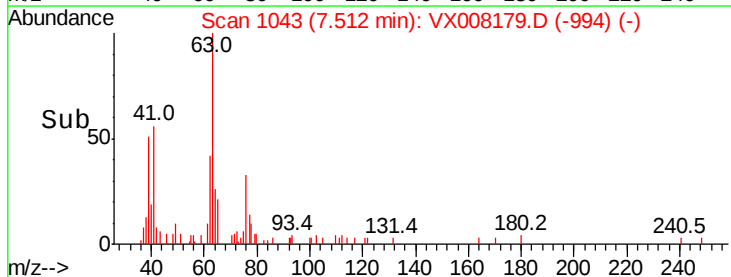
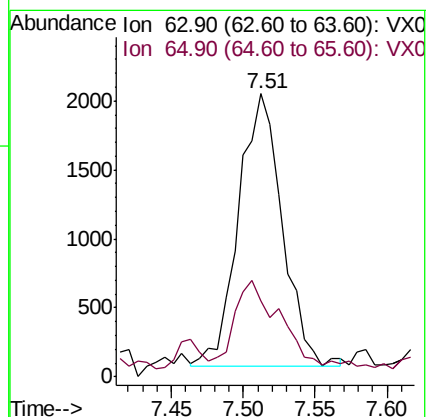
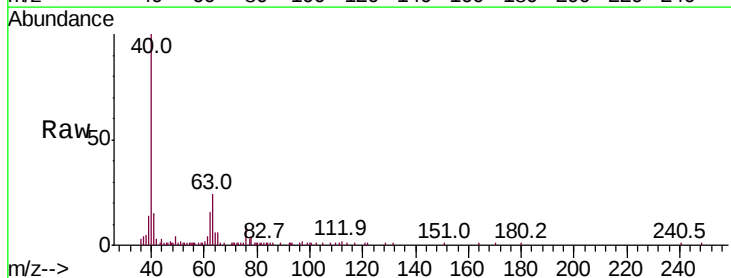
Acq: 19 Mar 2019 09:54

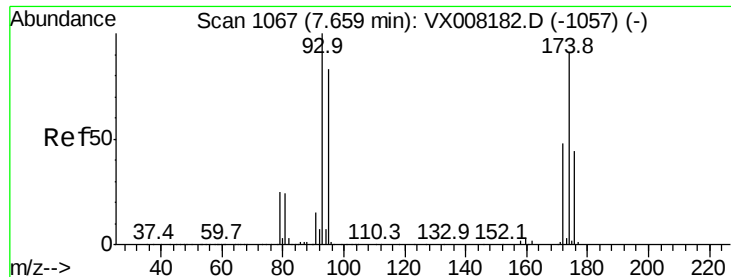
Tgt Ion: 63 Resp: 4155

Ion Ratio Lower Upper

63 100

65 23.5 24.7 37.1#





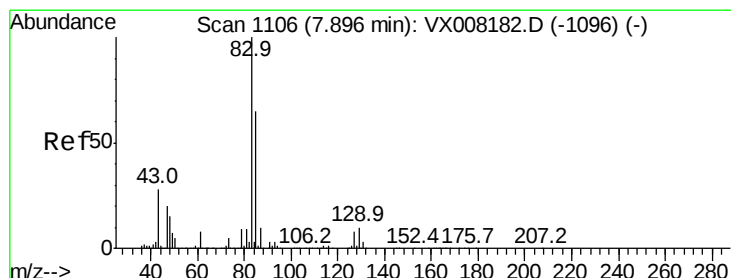
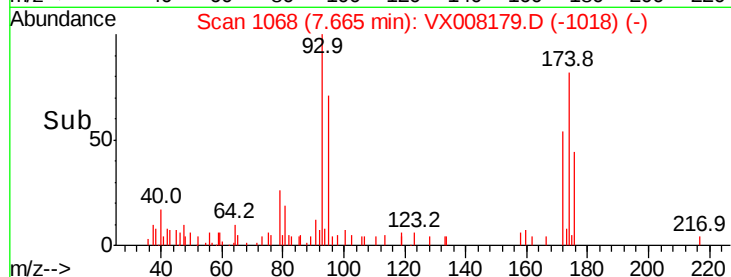
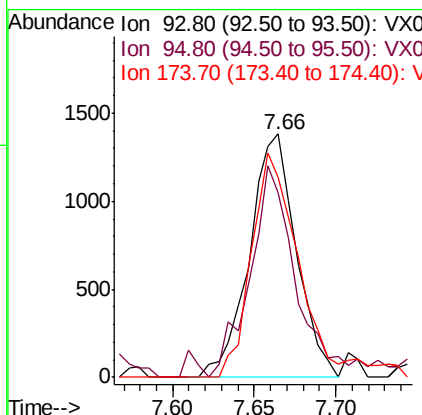
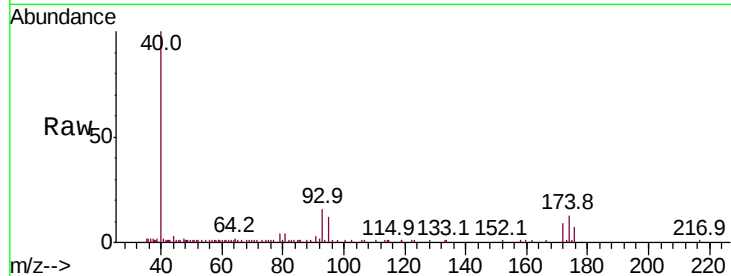
#46
Dibromomethane
Concen: 0.682 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 2757
Ion Ratio Lower Upper
93 100
95 88.9 66.8 100.2
174 89.7 97.3 145.9#

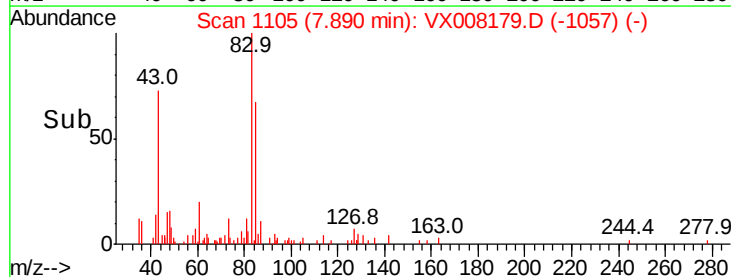
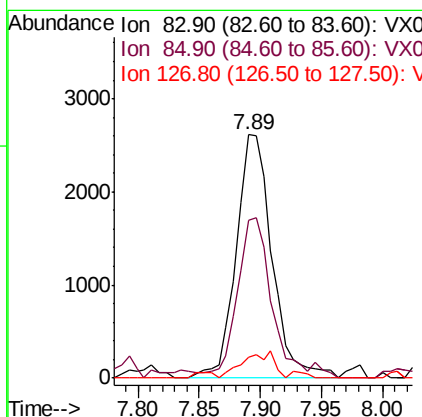
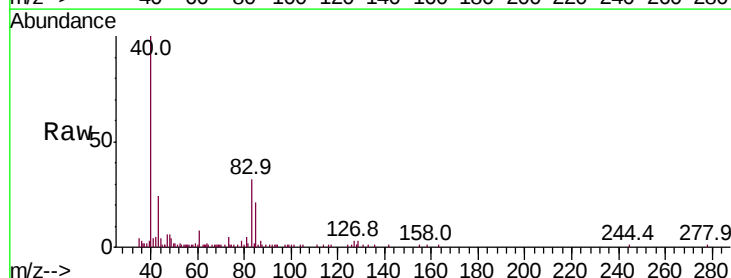
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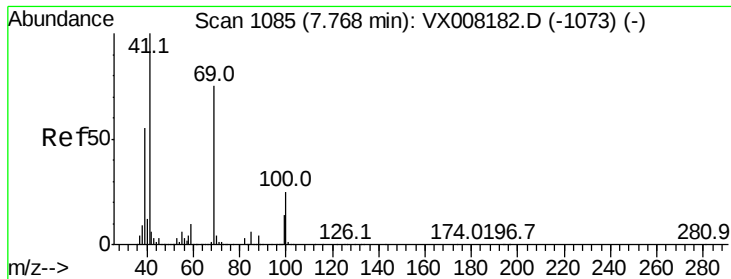
MMDadoda
3/20/2019 10:26:36 AM



#47
Bromodichloromethane
Concen: 0.666 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tgt Ion: 83 Resp: 5329
Ion Ratio Lower Upper
83 100
85 62.1 50.9 76.3
127 8.8 7.4 11.0





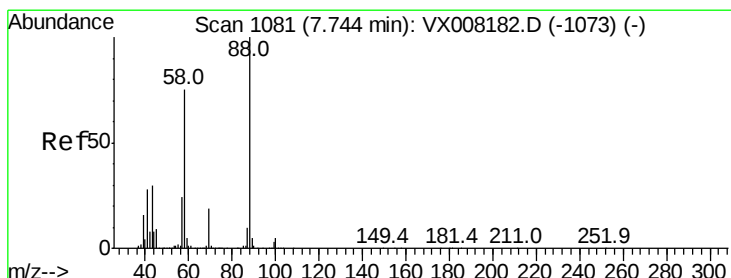
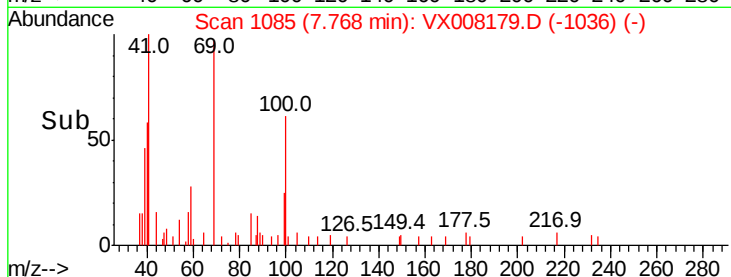
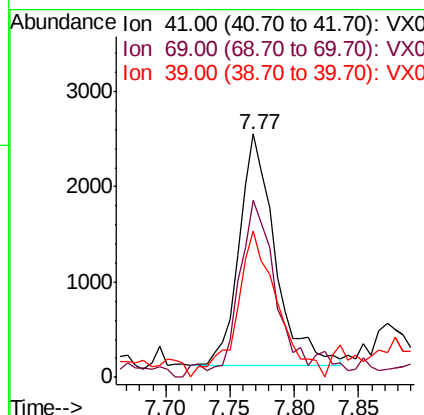
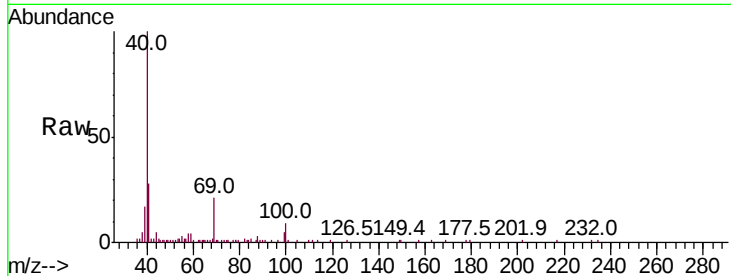
#48
Methvl methacrylate
Concen: 0.551 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
41	100	4697		
69	69.8		65.2	97.8
39	70.4		39.4	59.2#

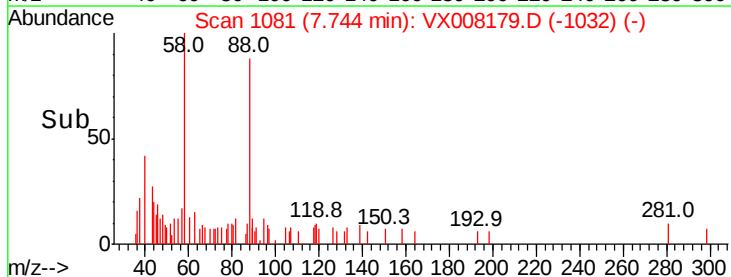
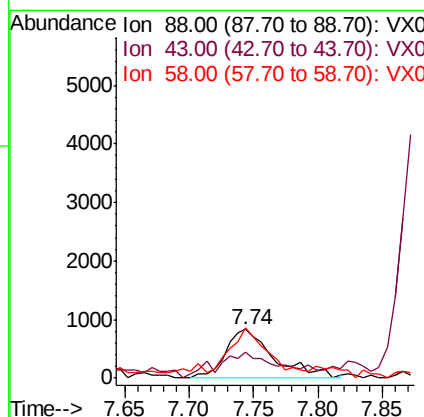
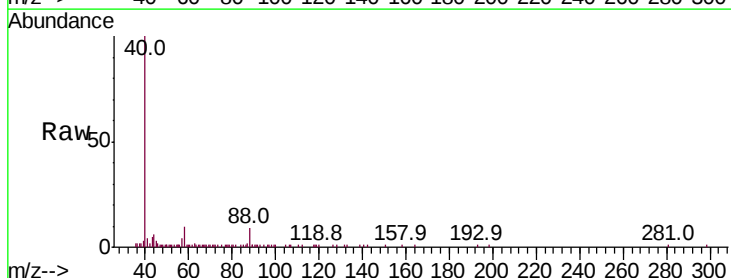
Manual Integrations
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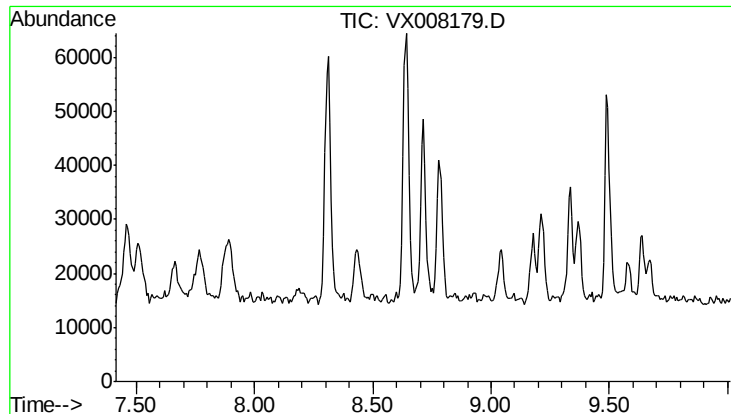
MMDadoda
3/20/2019 10:26:36 AM



#49
1,4-Dioxane
Concen: 15.491 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	2167		
43	70.4		25.1	37.7#
58	64.2		57.8	86.6





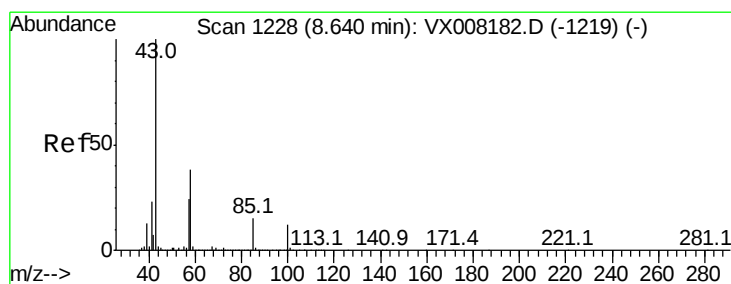
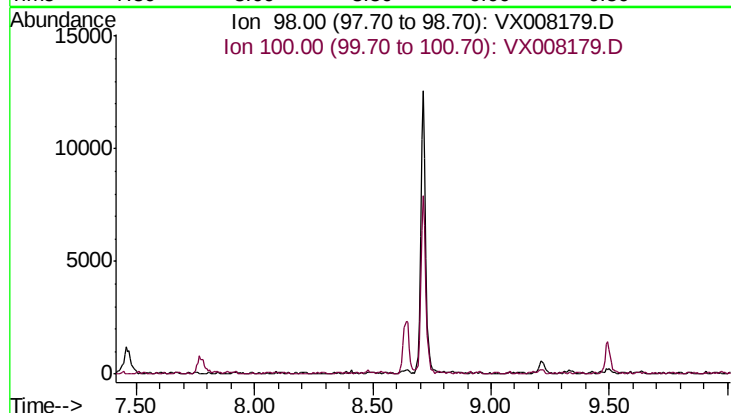
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

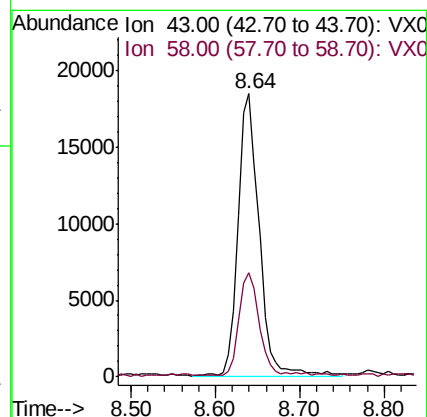
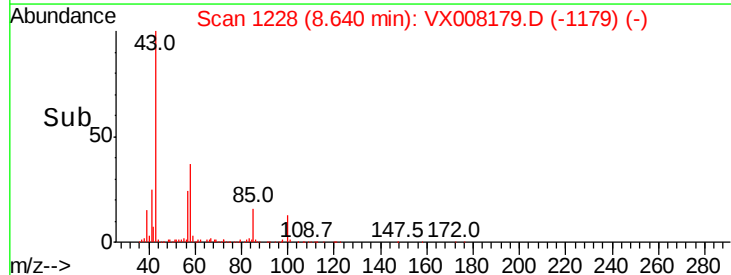
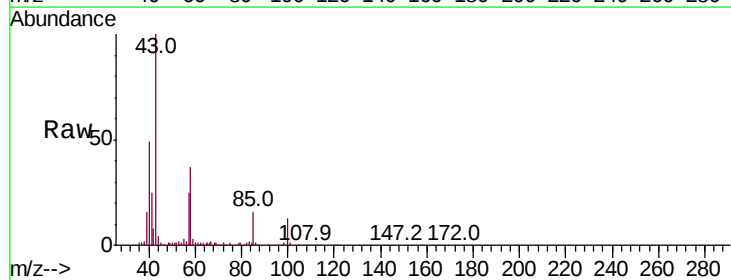
Manual Integrations
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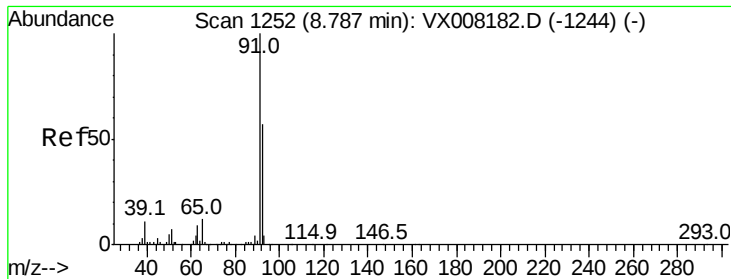
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 3.003 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tgt Ion: 43 Resp: 31028
Ion Ratio Lower Upper
43 100
58 34.7 31.3 46.9





#52

Toluene

Concen: 0.639 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 9160

Ion Ratio Lower Upper

92 100

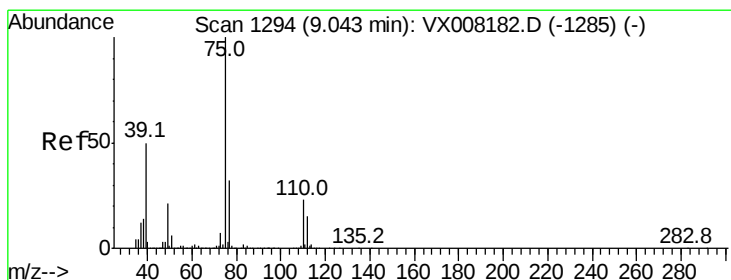
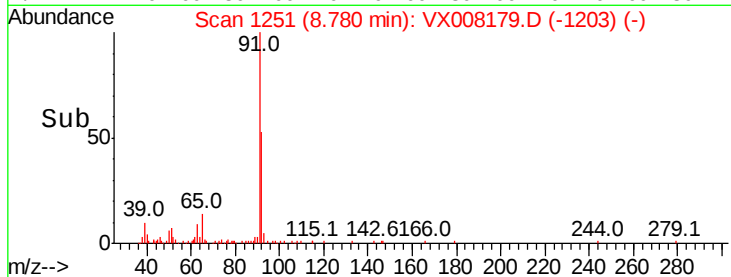
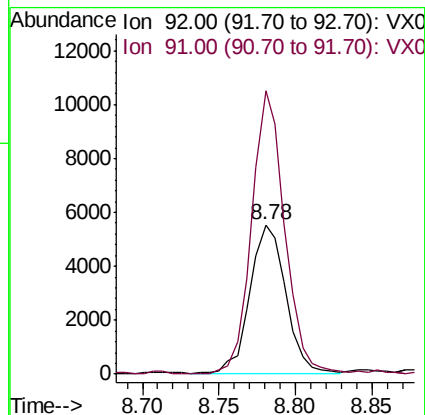
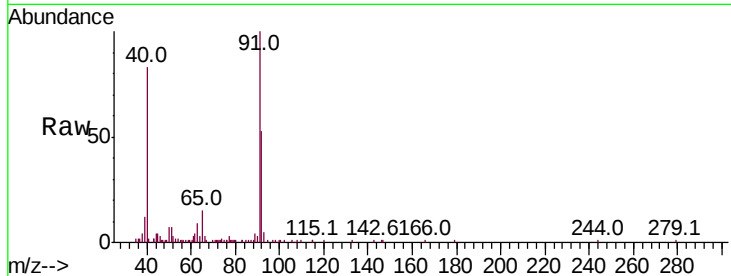
91 172.4 137.4 206.0

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 0.537 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008179.D

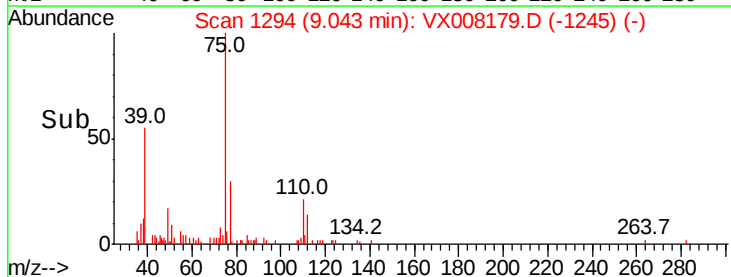
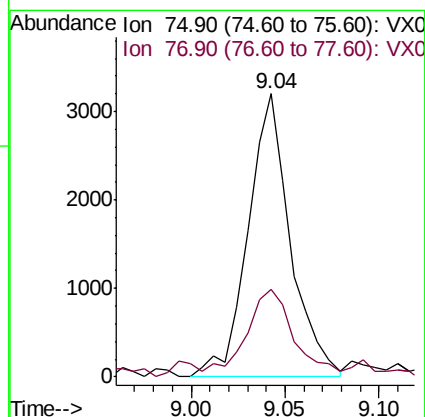
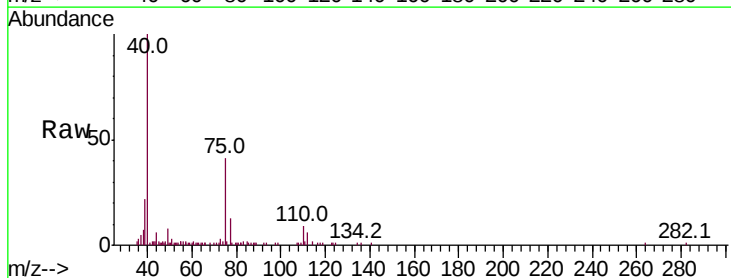
Acq: 19 Mar 2019 09:54

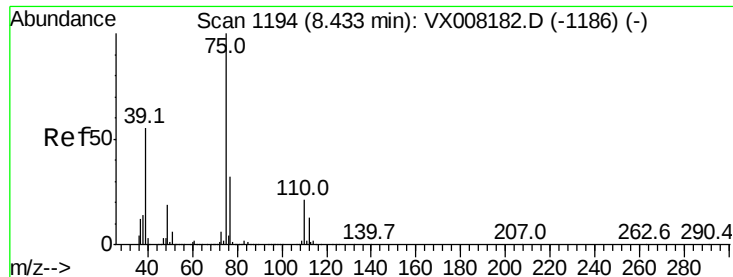
Tgt Ion: 75 Resp: 4958

Ion Ratio Lower Upper

75 100

77 26.2 25.4 38.0





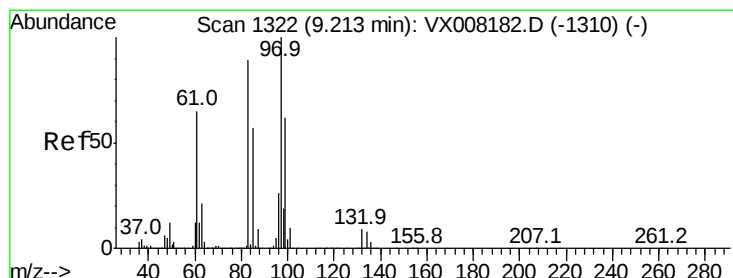
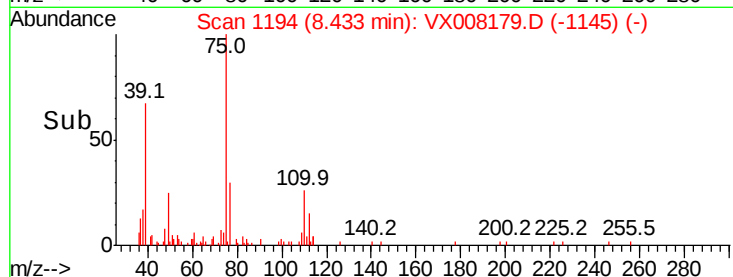
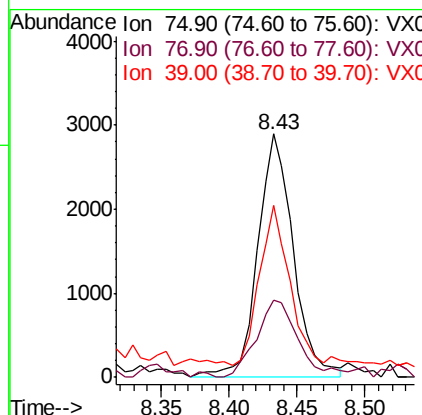
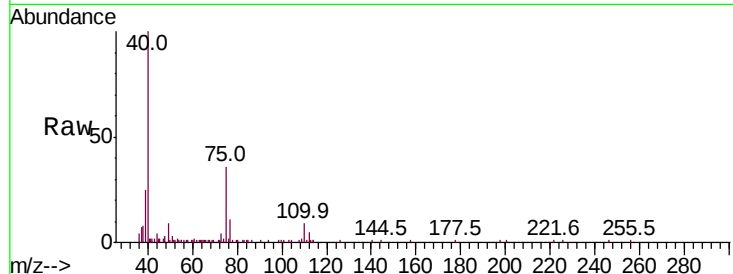
#54
 cis-1,3-Dichloropropene
 Concen: 0.526 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.0	37.6
39	63.8	36.6	54.8#

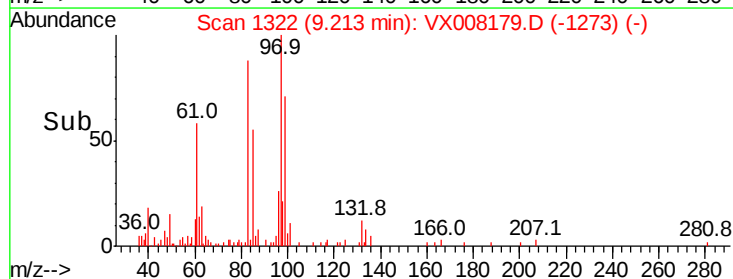
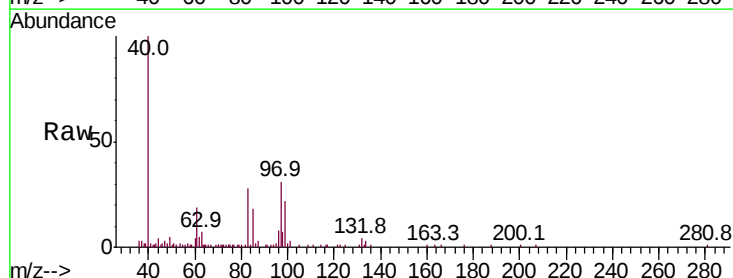
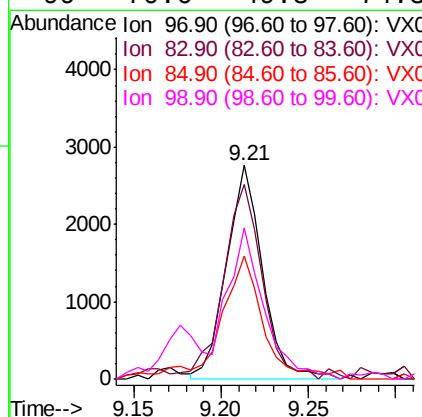
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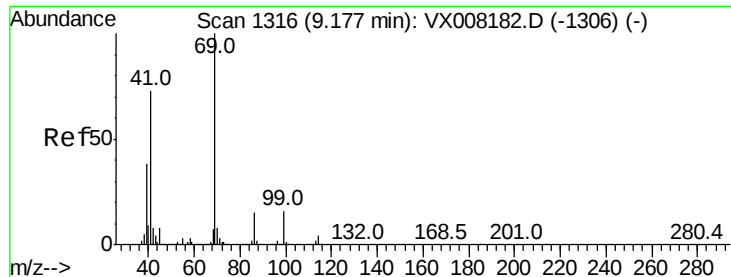
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#55
 1,1,2-Trichloroethane
 Concen: 0.671 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.9	69.1	103.7
85	53.3	44.3	66.5
99	70.6	49.8	74.8





#56

Ethyl methacrylate

Concen: 0.538 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

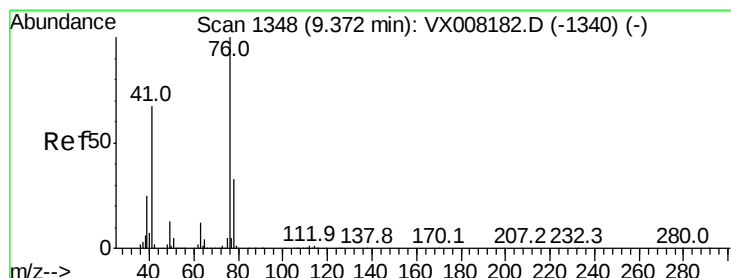
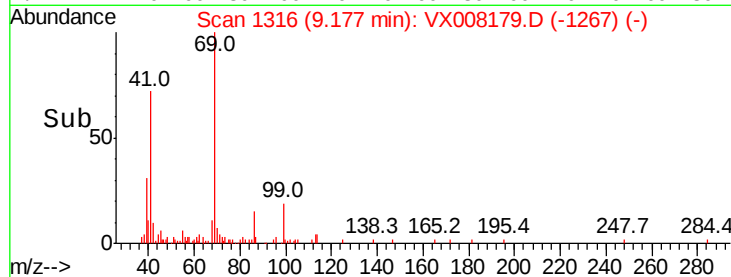
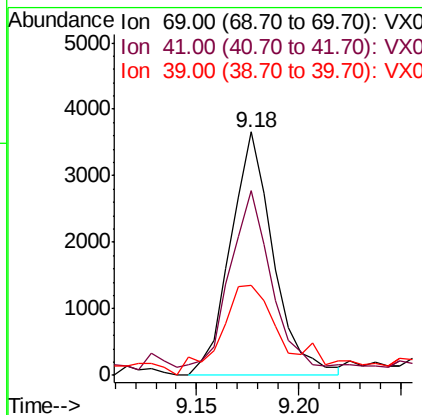
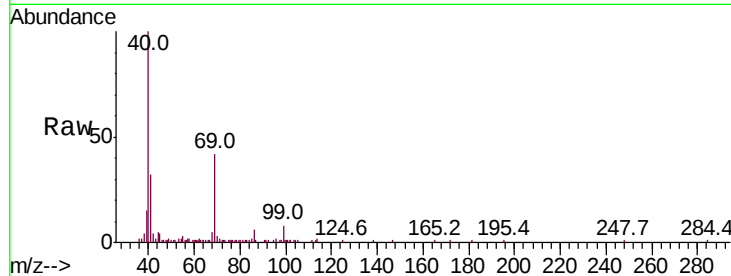
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	5321
Ion Ratio	Lower	Upper	
69	100		
41	67.5	54.2	81.4
39	57.6	25.0	37.4#

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#57

1,3-Dichloropropane

Concen: 0.649 ug/l

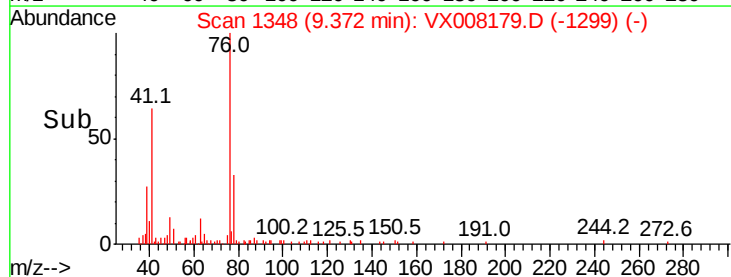
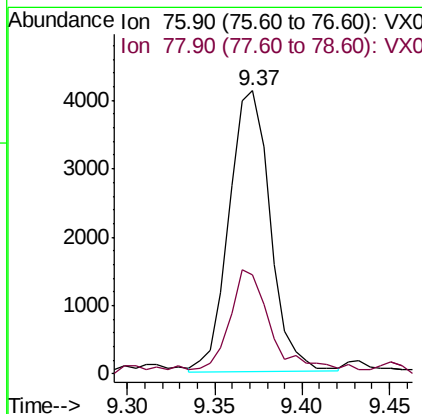
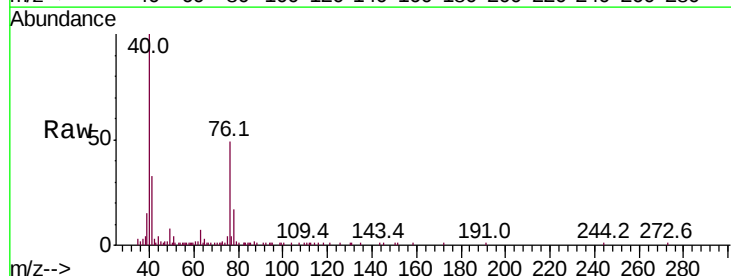
RT: 9.37 min Scan# 1348

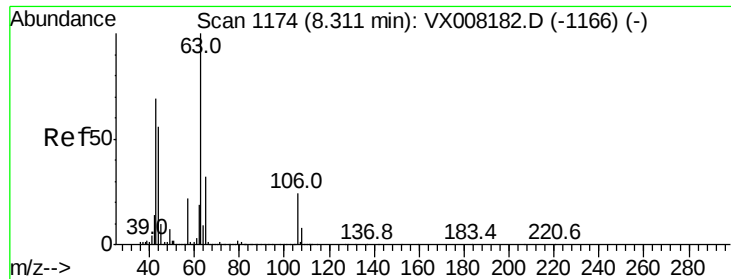
Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion:	76	Resp:	6770
Ion Ratio	Lower	Upper	
76	100		
78	34.9	25.5	38.3





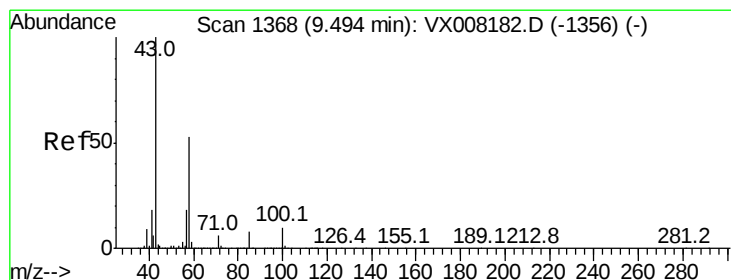
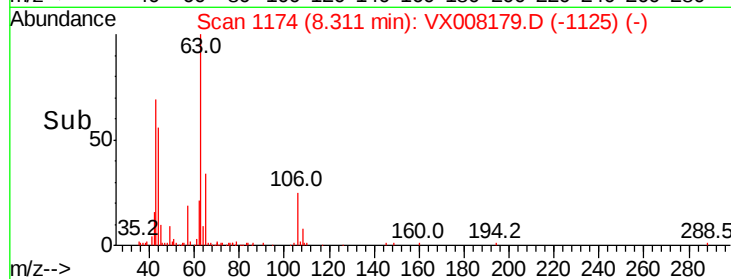
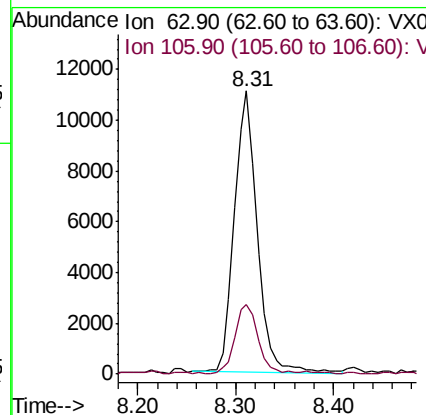
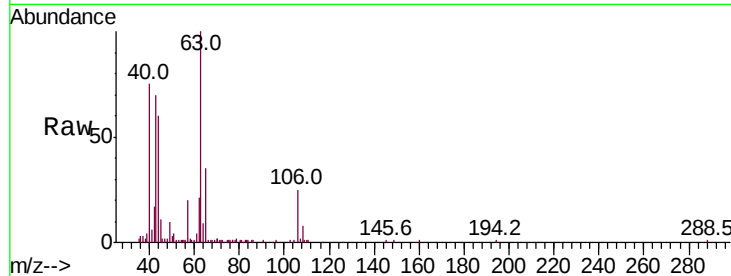
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.910 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 17996
 Ion Ratio Lower Upper
 63 100
 106 25.5 22.2 33.2

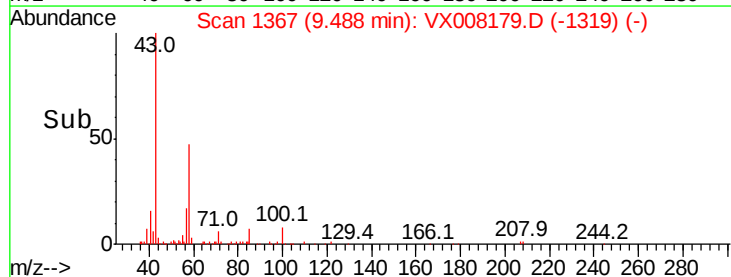
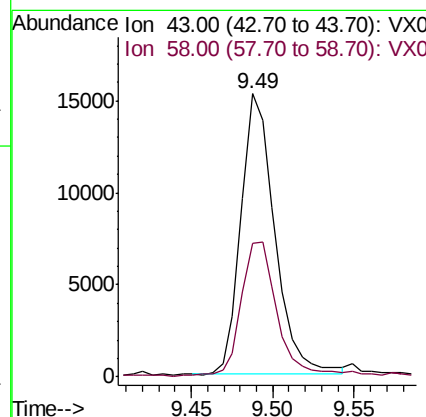
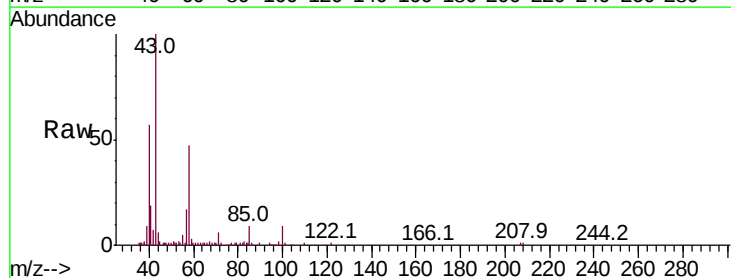
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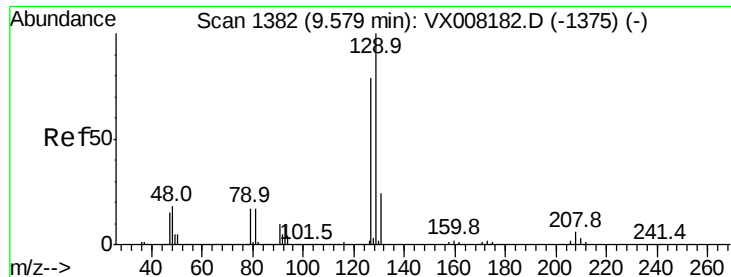
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#59
 2-Hexanone
 Concen: 2.817 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Tgt Ion: 43 Resp: 22191
 Ion Ratio Lower Upper
 43 100
 58 50.8 27.6 82.7





#60

Dibromochloromethane

Concen: 0.548 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3207

Ion Ratio Lower Upper

129 100

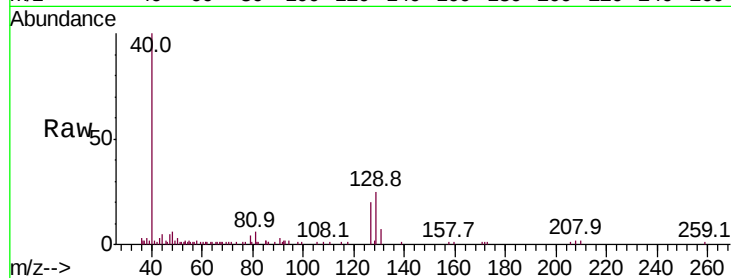
127 76.7 38.3 114.8

Manual Integrations

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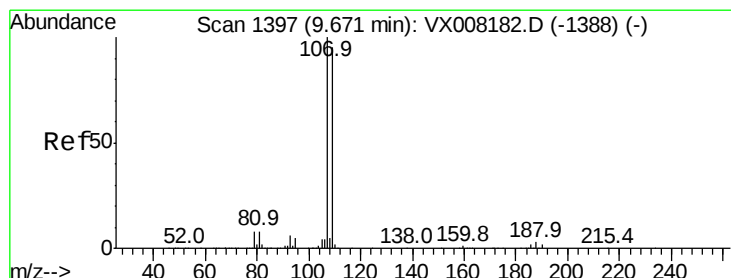
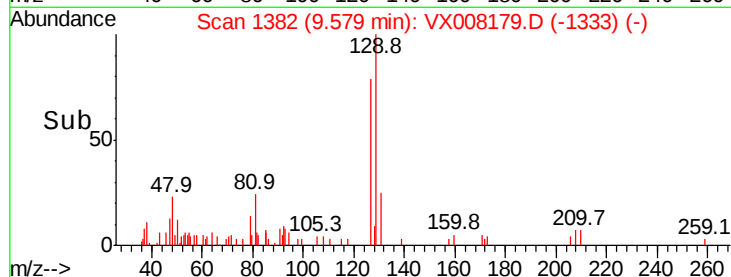
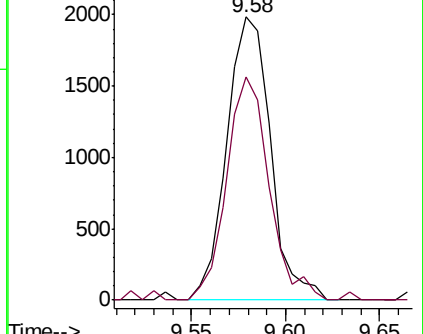
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.660 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008179.D

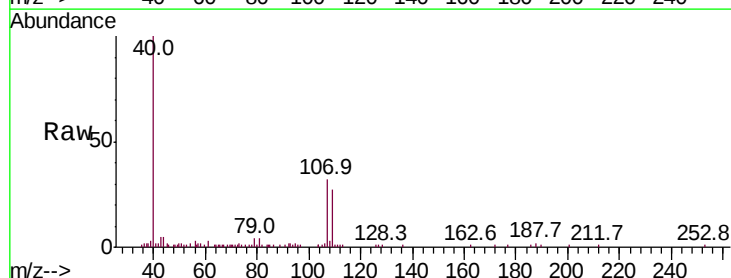
Acq: 19 Mar 2019 09:54

Tgt Ion:107 Resp: 4051

Ion Ratio Lower Upper

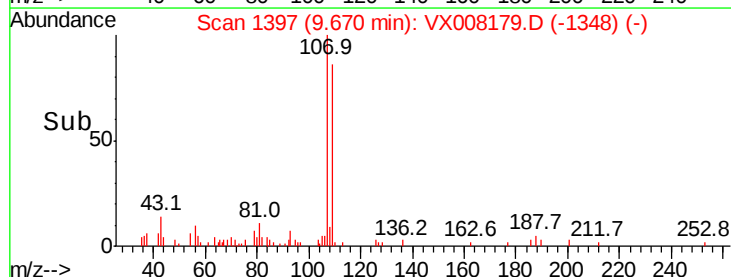
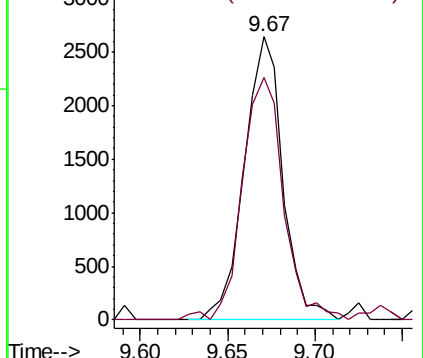
107 100

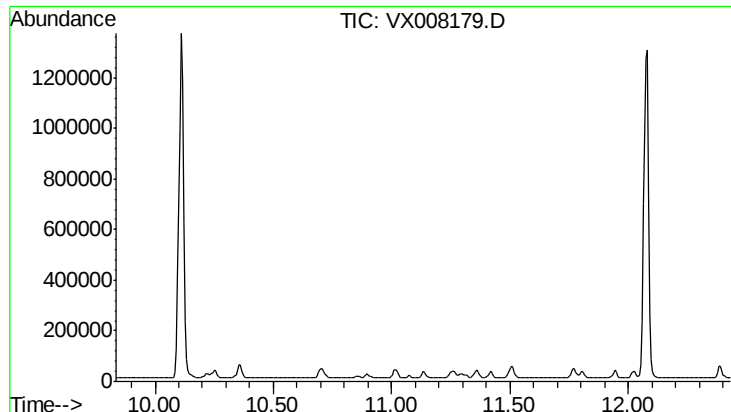
109 91.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





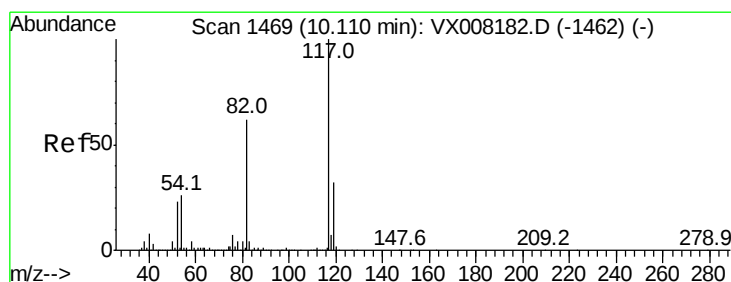
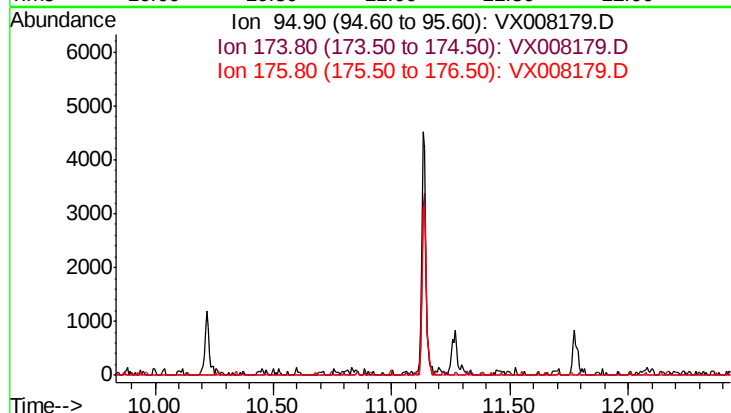
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.13 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 95
 Sig Exp Ratio
 95 100
 174 91.4
 176 89.0

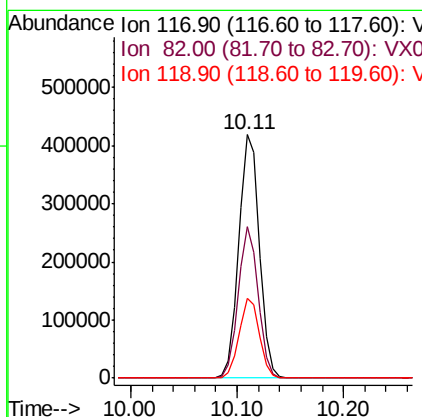
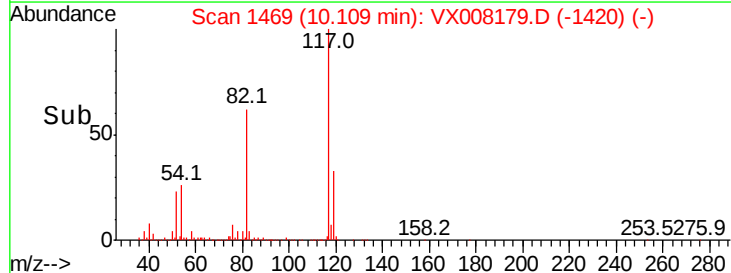
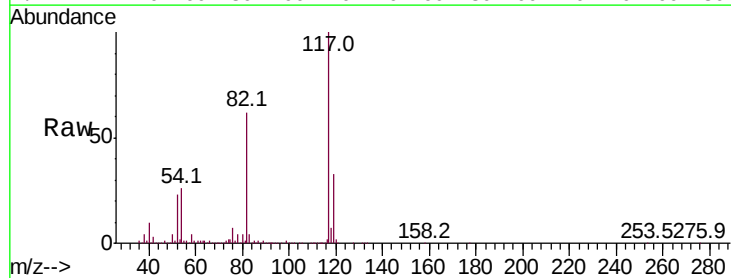
Manual Integrations
 APPROVED

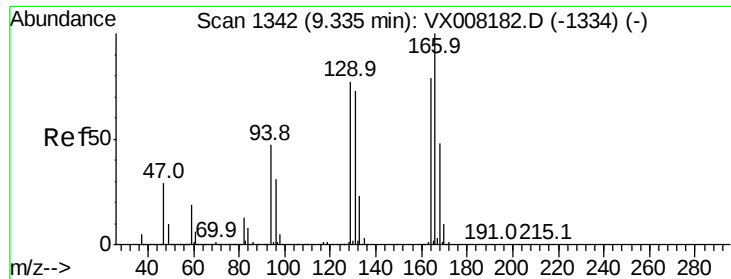
MMDadoda
 3/20/2019 10:26:36 AM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Tgt Ion: 117 Resp: 569668
 Ion Ratio Lower Upper
 117 100
 82 62.3 44.3 66.5
 119 32.6 25.3 37.9





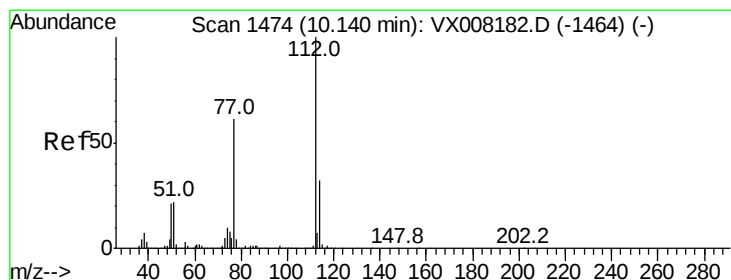
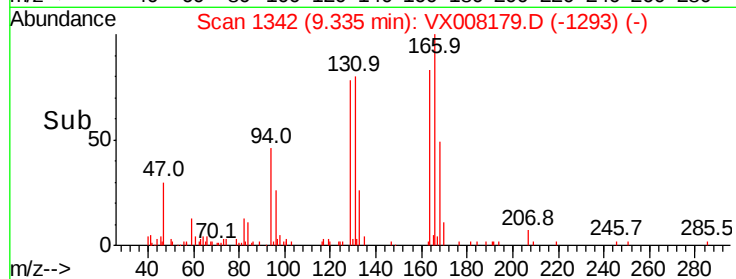
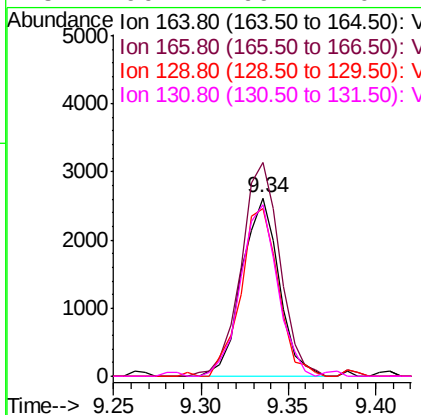
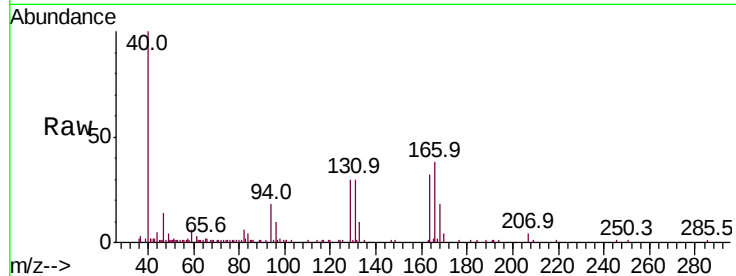
#64
Tetrachloroethene
Concen: 0.710 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	119.9	103.4	155.0
129	93.9	72.2	108.4
131	96.1	69.4	104.2

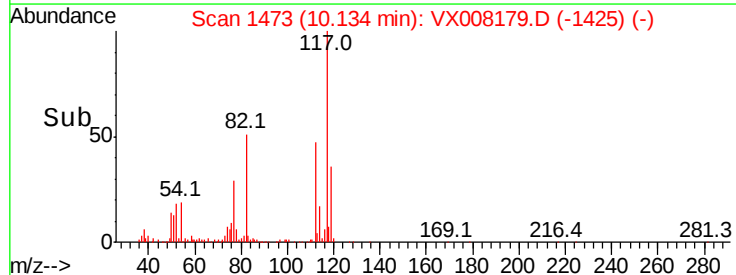
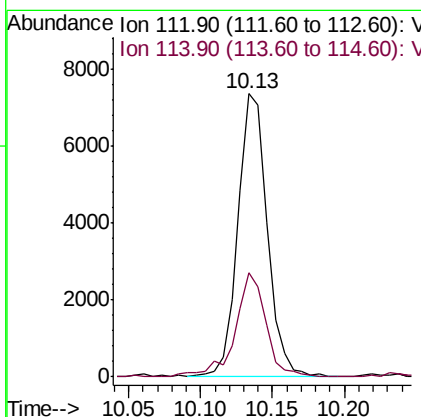
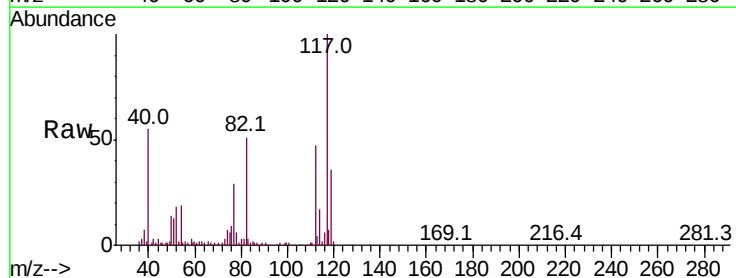
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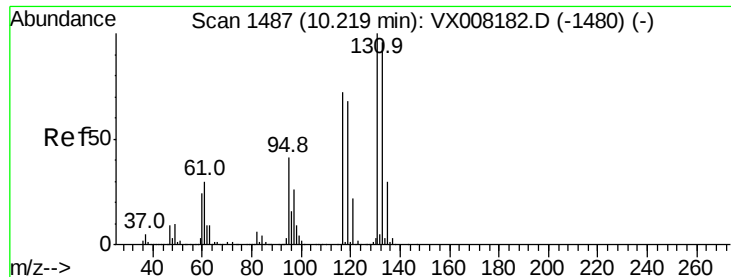
MMDadoda
3/20/2019 10:26:36 AM



#65
Chlorobenzene
Concen: 0.697 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tgt Ion	Ratio	Lower	Upper
112	100		
114	36.9	26.0	39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 0.599 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

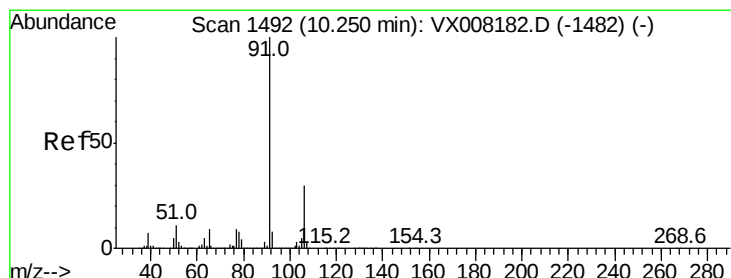
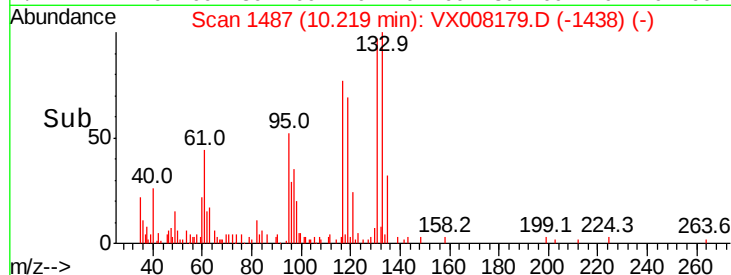
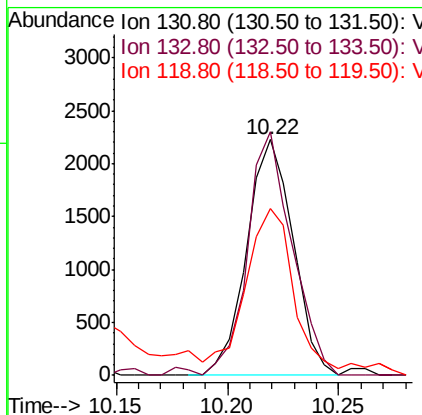
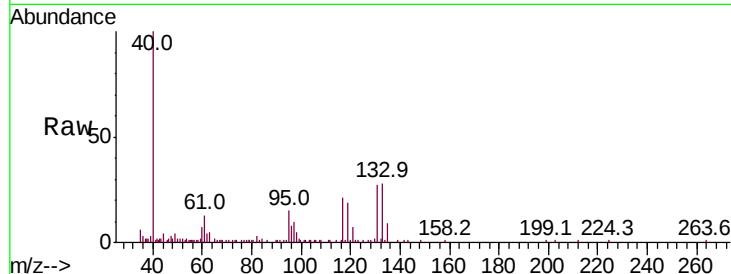
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	100.6	47.8	143.3
119	0.0	32.5	97.5#

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#67

Ethyl Benzene

Concen: 0.618 ug/l

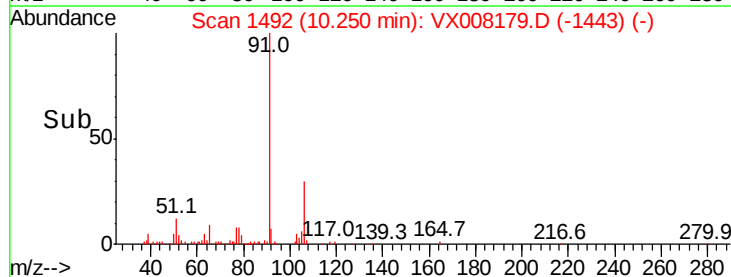
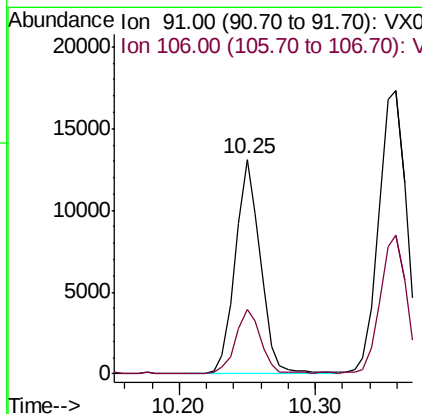
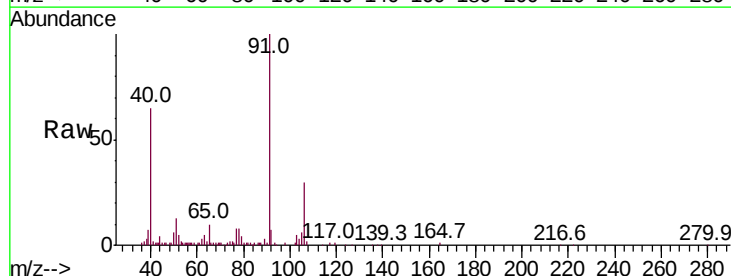
RT: 10.25 min Scan# 1492

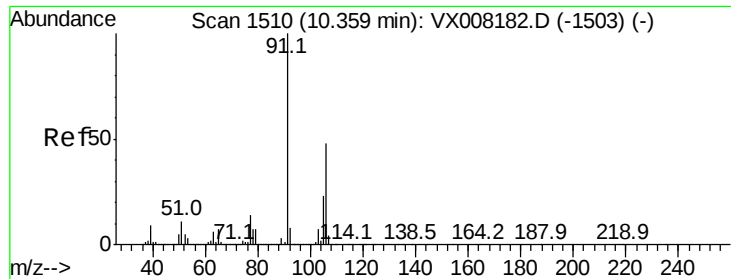
Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.0	25.2	37.8





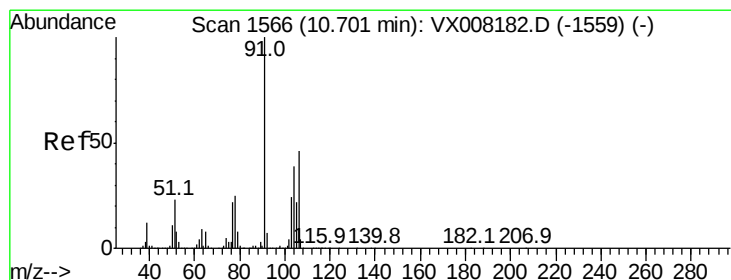
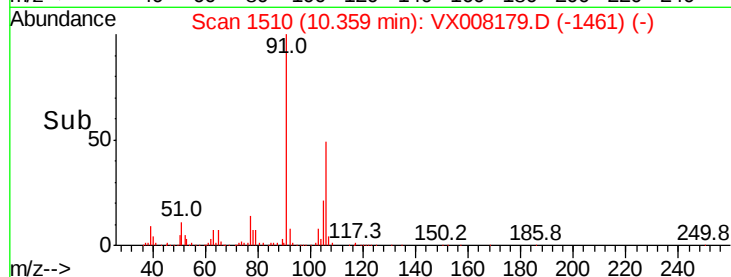
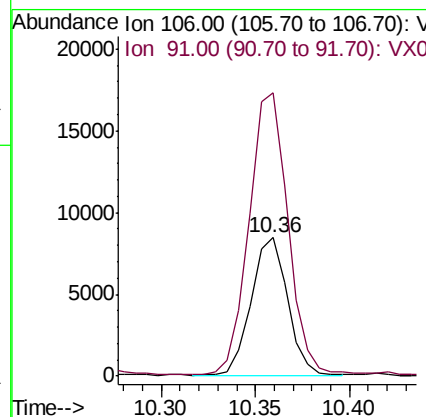
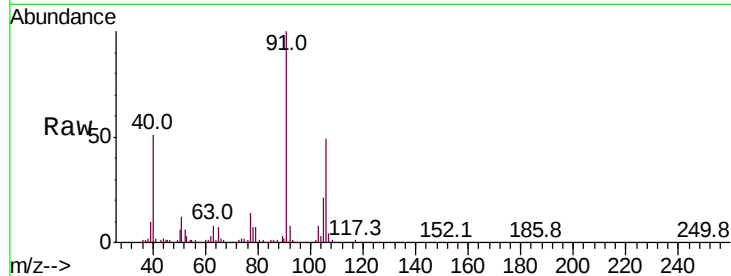
#68
m/p-Xylenes
Concen: 1.154 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.3	159.8	239.6

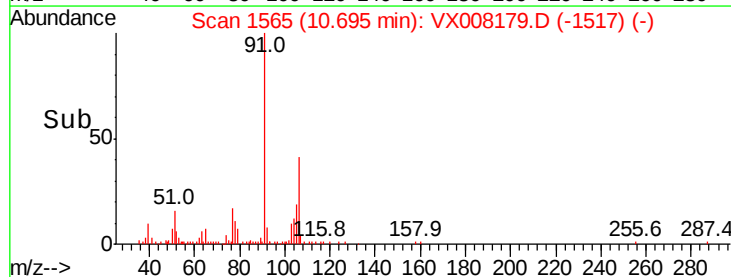
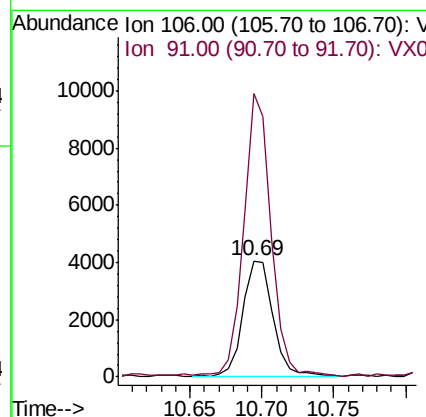
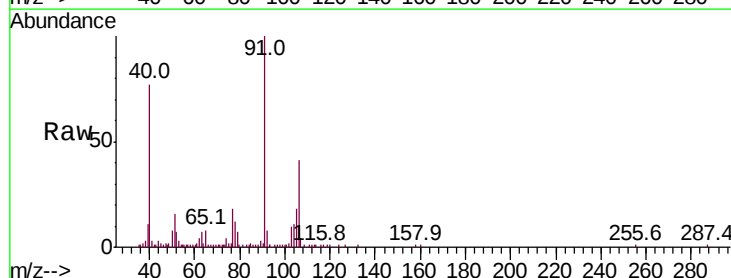
Manual Integrations
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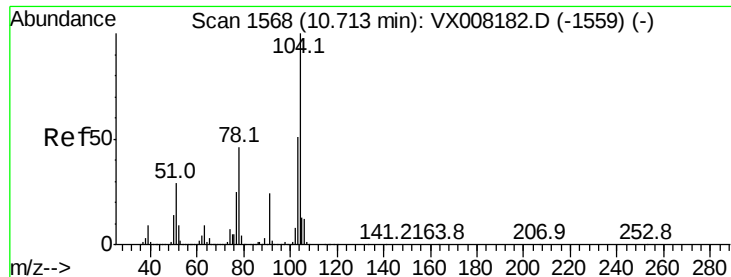
MMDadoda
3/20/2019 10:26:36 AM



#69
o-Xylene
Concen: 0.609 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tgt Ion	Ratio	Lower	Upper
106	100		
91	218.8	106.3	318.9





#70

Stvrene

Concen: 0.572 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

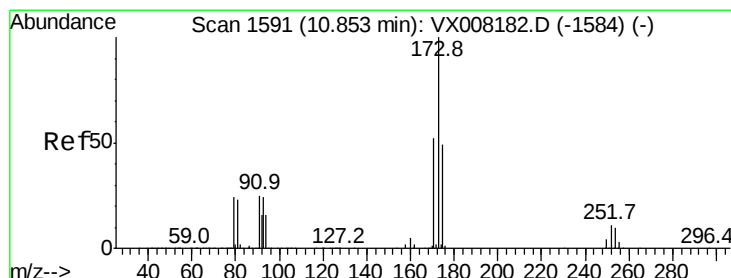
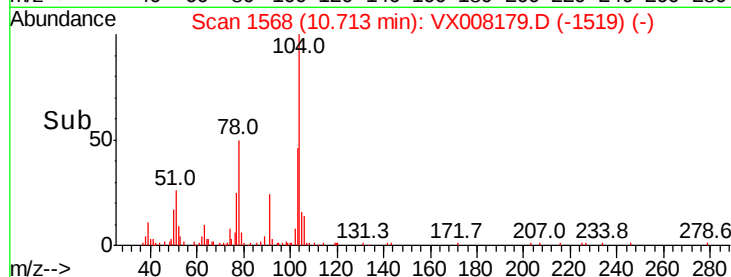
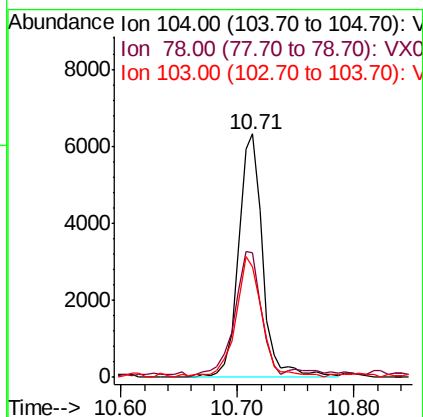
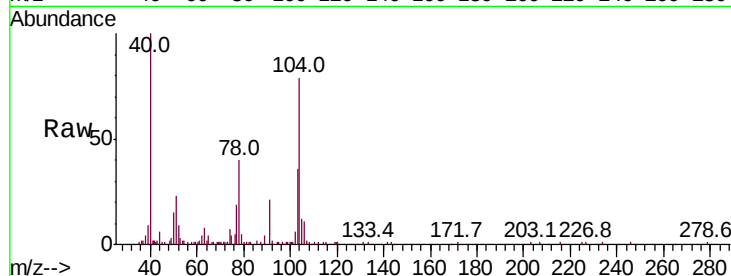
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	9154
Ion Ratio	Lower	Upper	
104	100		
78	57.6	38.5	57.7
103	55.0	44.1	66.1

Manual Integrations
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#71

Bromoform

Concen: 0.563 ug/l

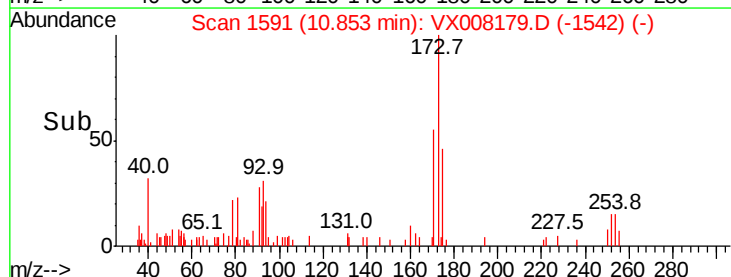
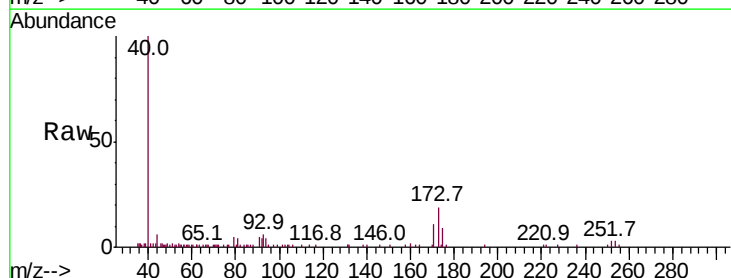
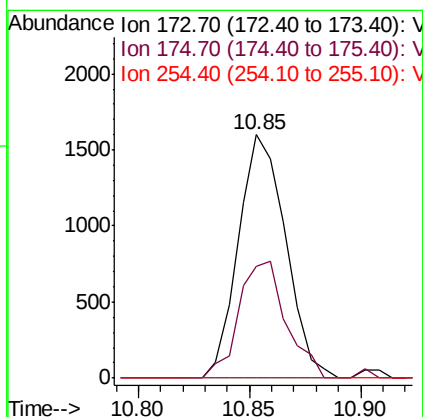
RT: 10.85 min Scan# 1591

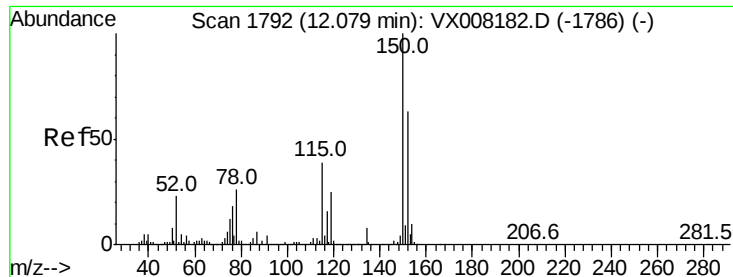
Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion:	173	Resp:	2366
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.3	72.9
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

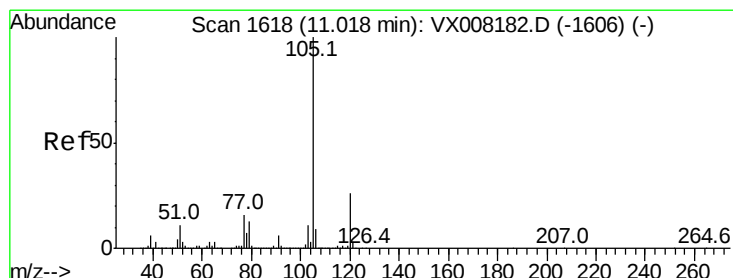
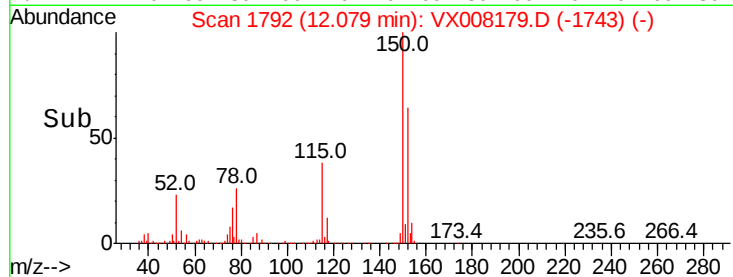
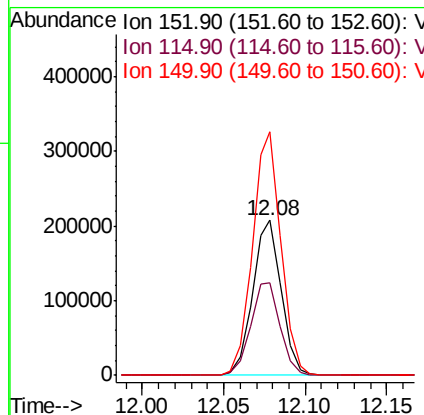
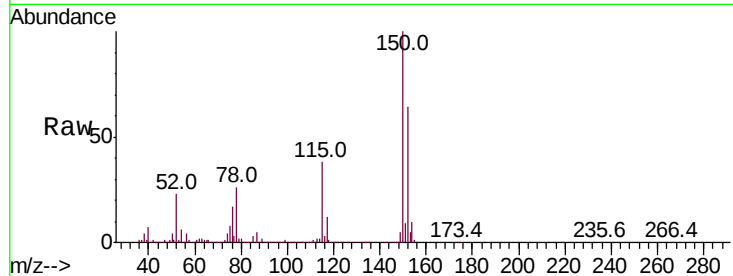
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	251893
Ion Ratio	Lower	Upper	
152	100		
115	61.8	38.6	115.7
150	156.4	0.0	348.4

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#73

Isopropylbenzene

Concen: 0.593 ug/l

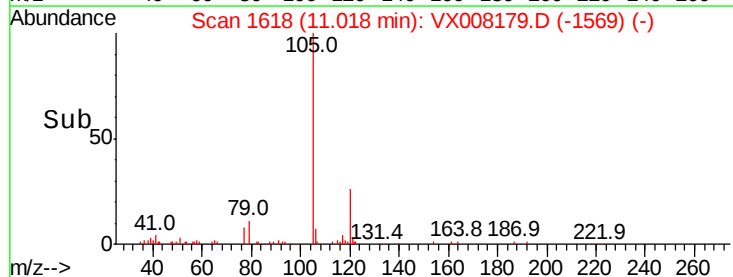
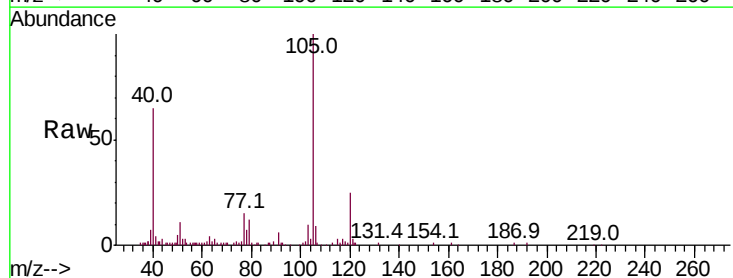
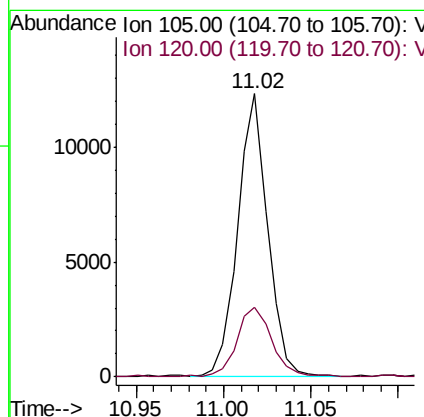
RT: 11.02 min Scan# 1618

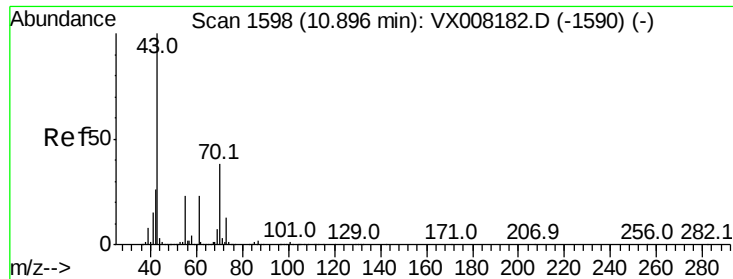
Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion:	105	Resp:	14687
Ion Ratio	Lower	Upper	
105	100		
120	28.9	13.4	40.1





#74

N-amvl acetate

Concen: 0.526 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

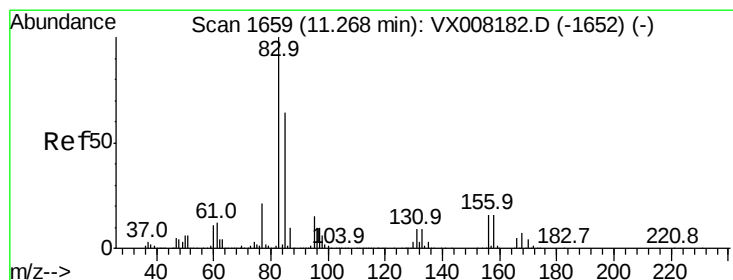
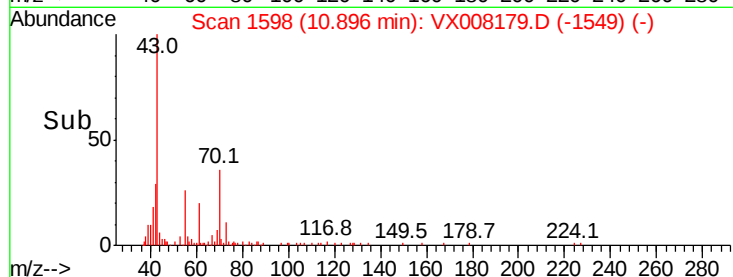
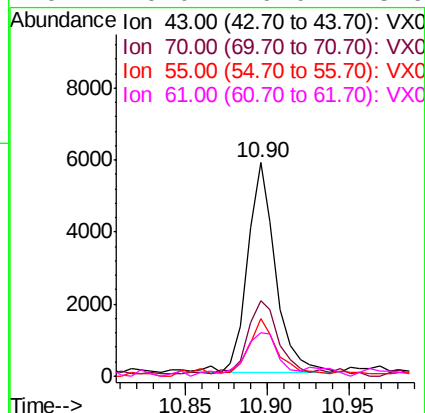
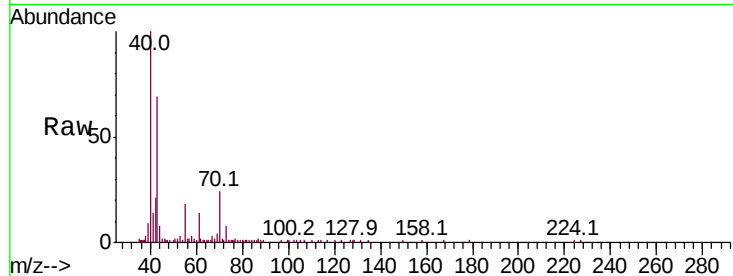
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	6927
Ion	Ratio	Lower	Upper
43	100		
70	38.3	33.5	50.3
55	29.9	19.2	28.8
61	26.0	19.0	28.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 0.745 ug/l

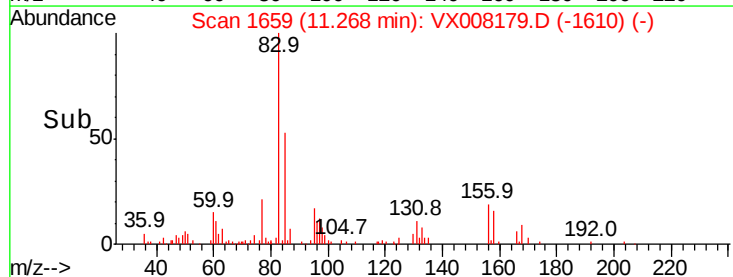
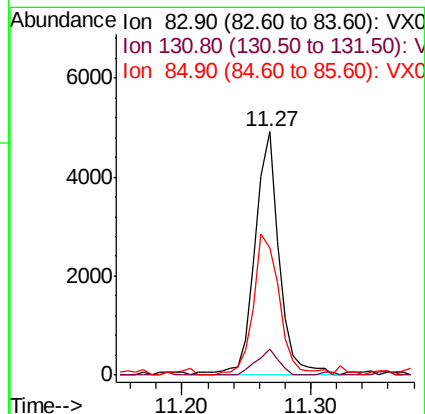
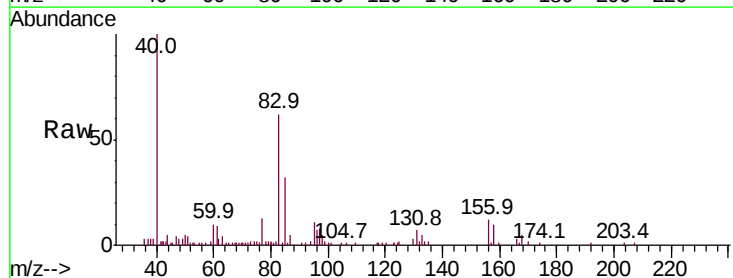
RT: 11.27 min Scan# 1659

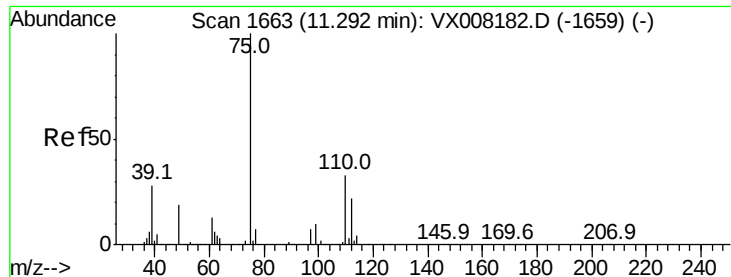
Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion:	83	Resp:	6339
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.4	16.2
85	63.1	32.3	96.8





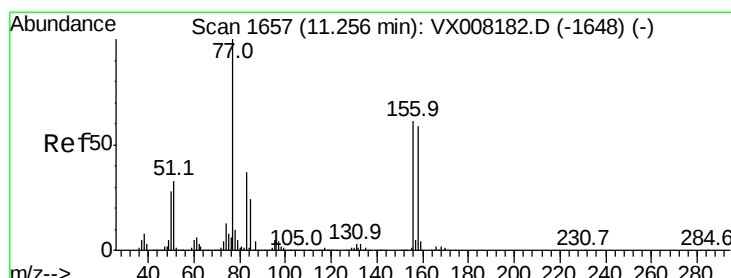
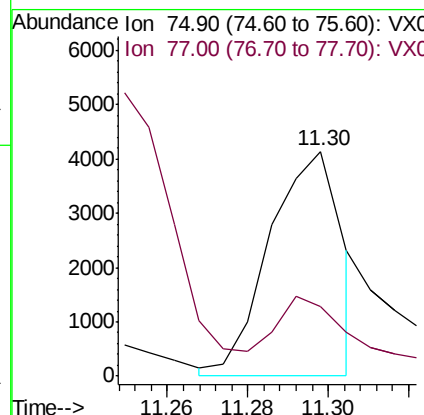
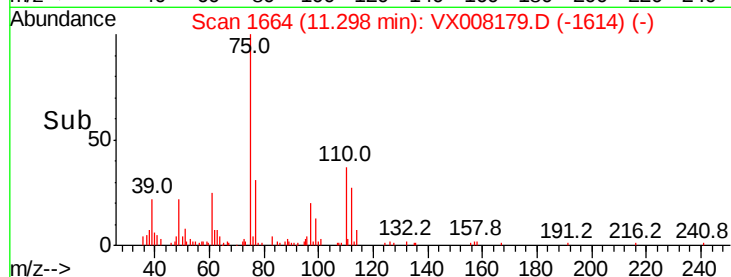
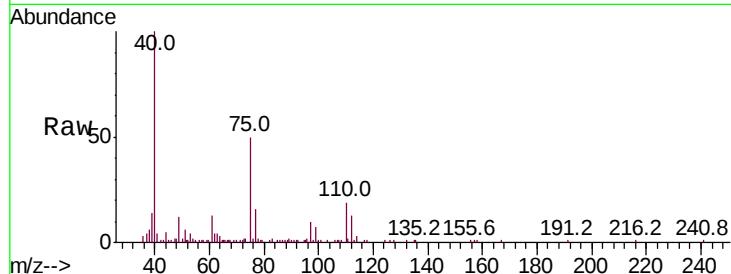
#76
 1,2,3-Trichloropropane
 Concen: 0.690 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 5158
 Ion Ratio Lower Upper
 75 100
 77 40.5 18.9 56.7

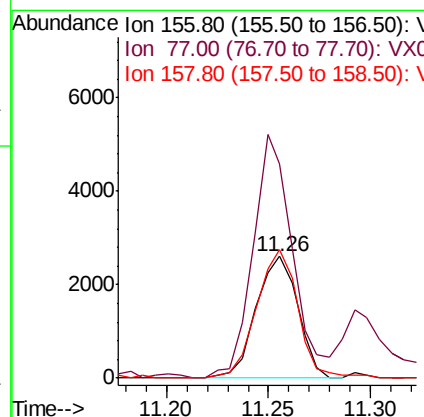
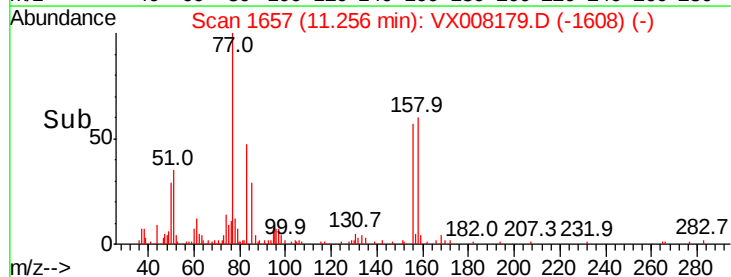
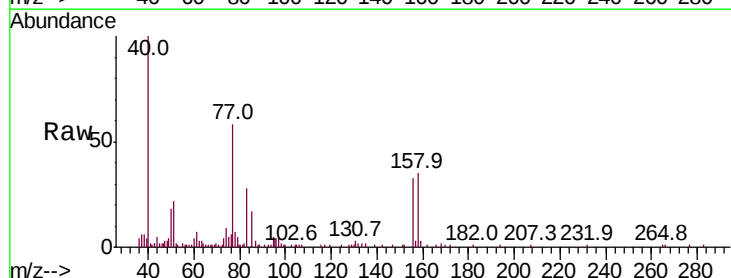
Manual Integrations
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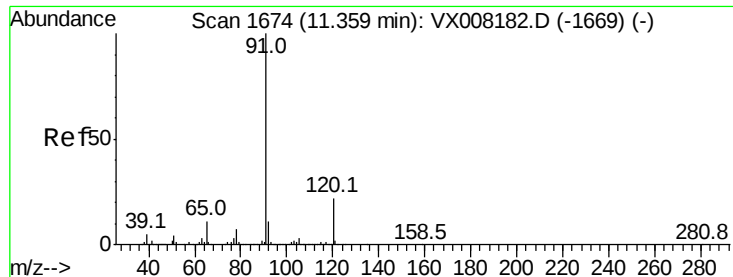
MMDadoda
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#77
 Bromobenzene
 Concen: 0.637 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Tgt Ion: 156 Resp: 3700
 Ion Ratio Lower Upper
 156 100
 77 190.4 72.0 215.9
 158 105.1 48.6 145.9





#78

n-propylbenzene

Concen: 0.546 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 16031

Ion Ratio Lower Upper

91 100

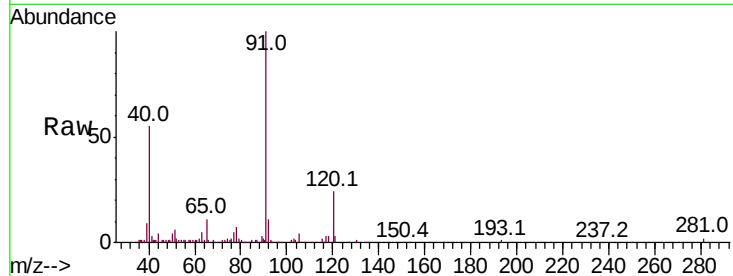
120 23.8 12.0 36.0

Manual Integrations

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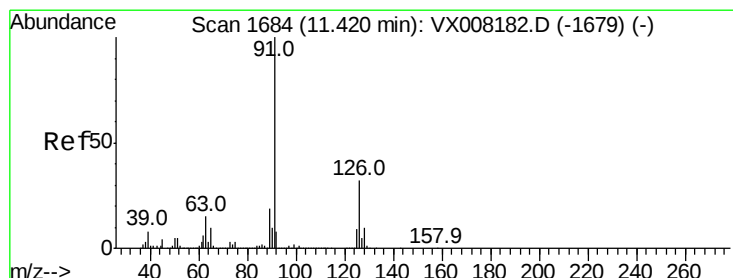
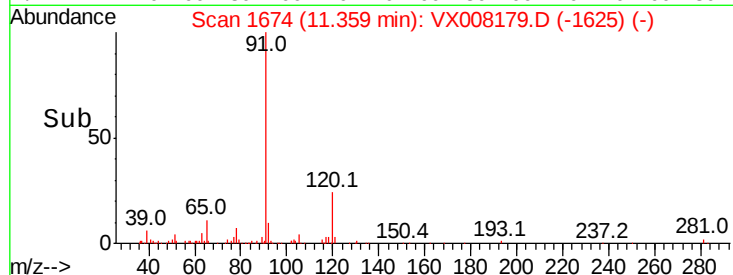
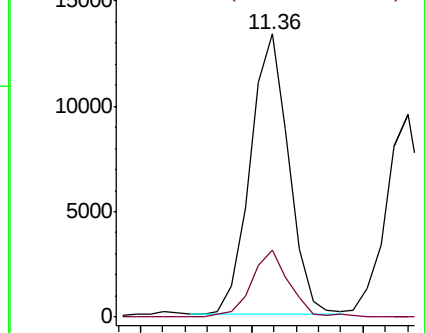
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.660 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008179.D

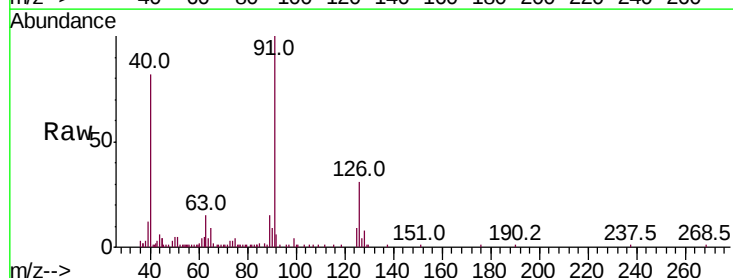
Acq: 19 Mar 2019 09:54

Tgt Ion: 91 Resp: 11254

Ion Ratio Lower Upper

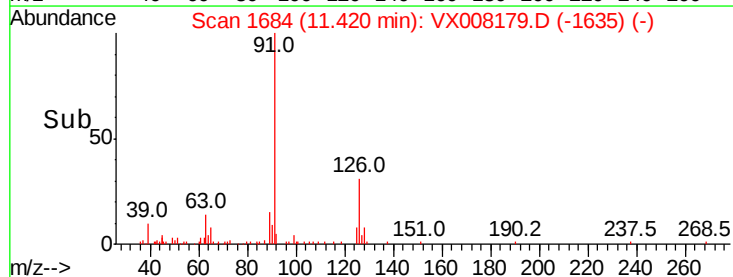
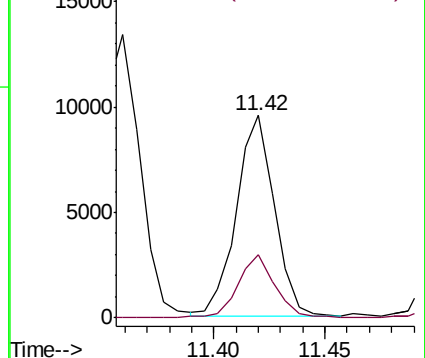
91 100

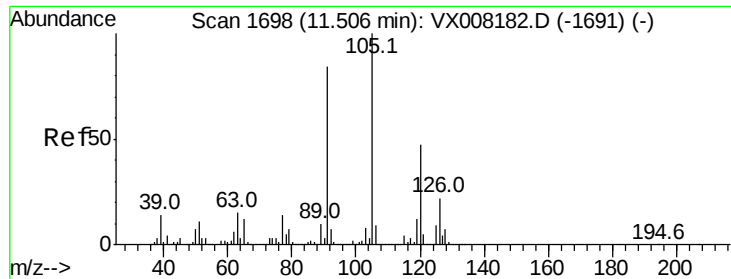
126 31.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.560 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 11552

Ion Ratio Lower Upper

105 100

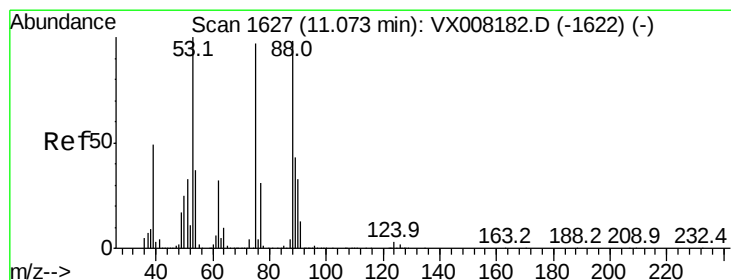
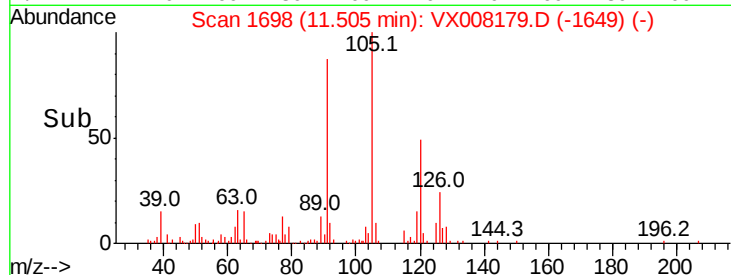
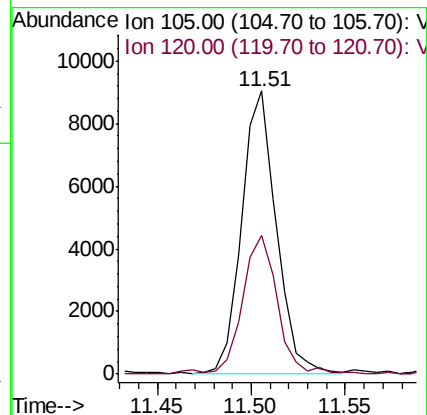
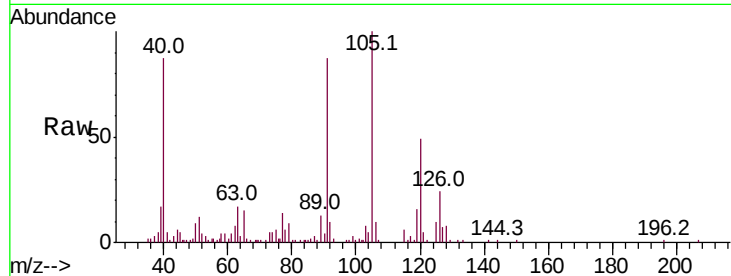
120 49.8 24.9 74.6

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#81

trans-1,4-Dichloro-2-butene

Concen: 0.508 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

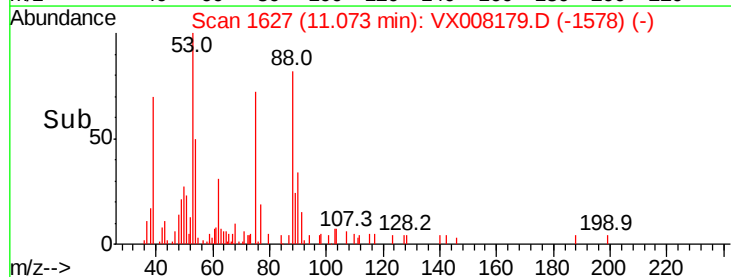
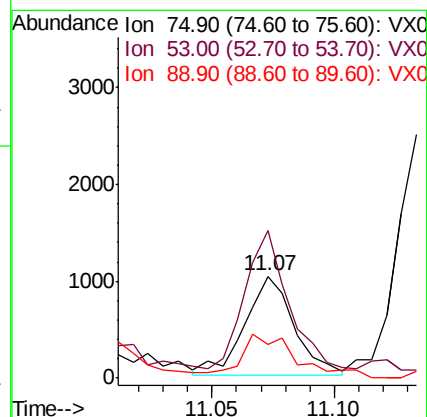
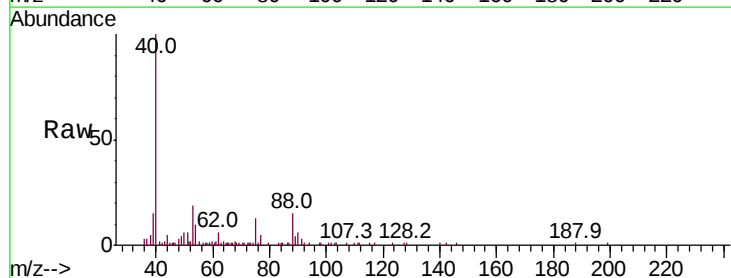
Tgt Ion: 75 Resp: 1441

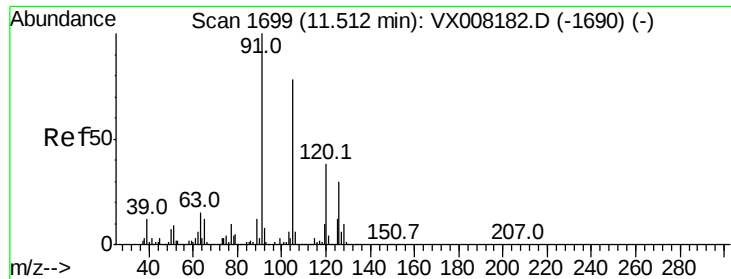
Ion Ratio Lower Upper

75 100

53 127.7 76.1 114.1#

89 49.5 36.3 54.5





#82

4-Chlorotoluene

Concen: 0.583 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 11632

Ion Ratio Lower Upper

91 100

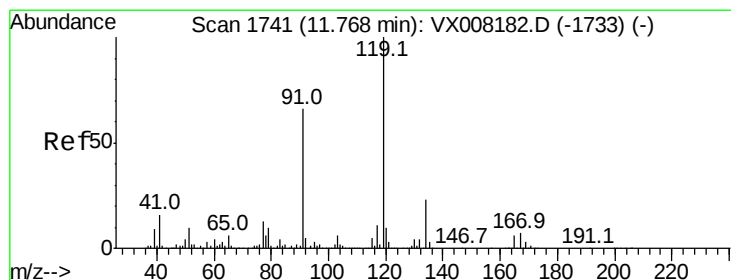
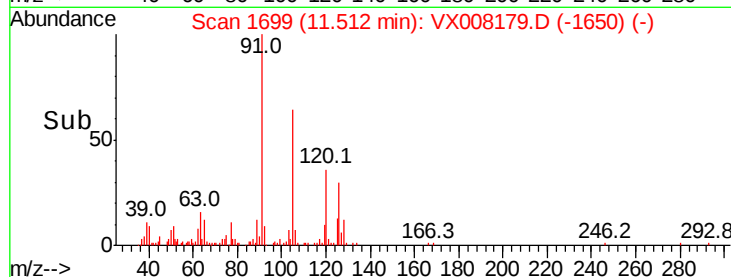
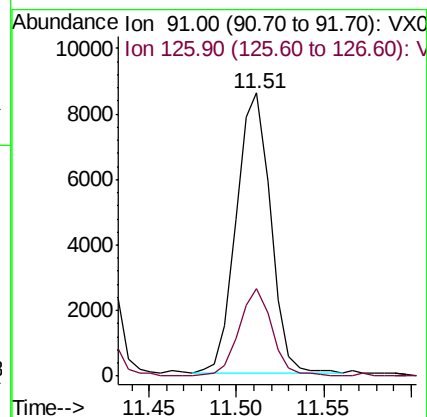
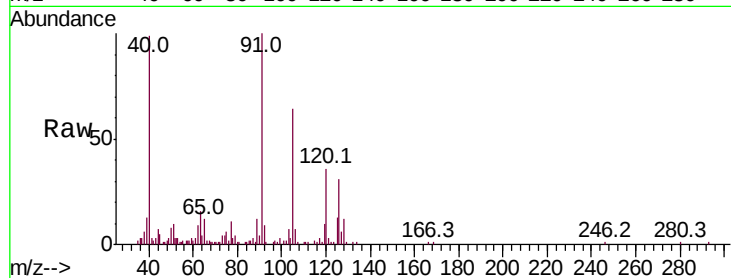
126 30.5 15.6 46.8

Manual Integrations

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#83

tert-Butylbenzene

Concen: 0.588 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

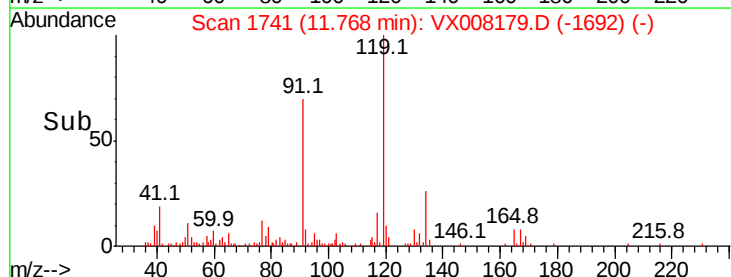
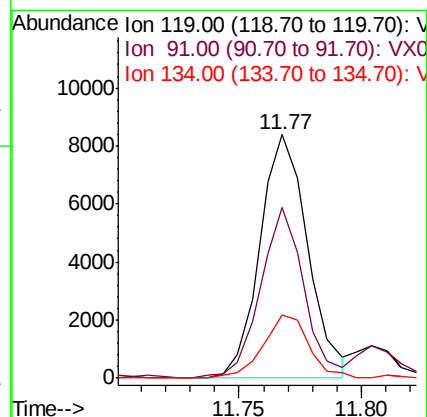
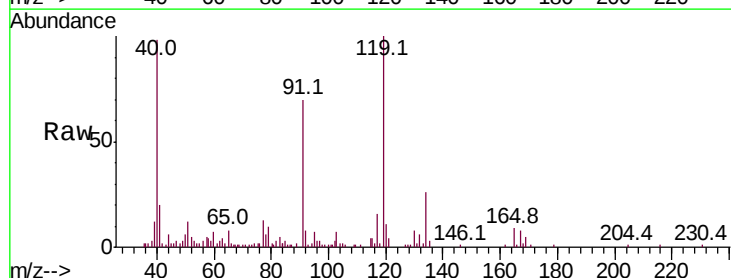
Tgt Ion: 119 Resp: 11392

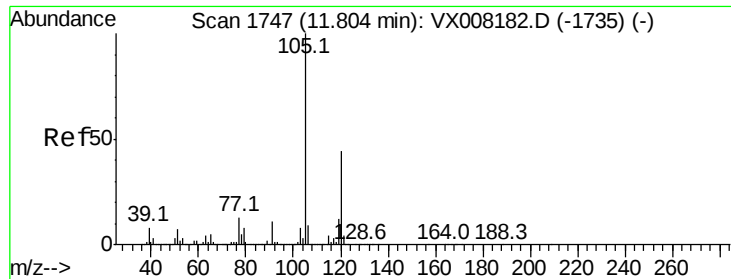
Ion Ratio Lower Upper

119 100

91 63.9 27.1 81.3

134 24.7 11.4 34.1





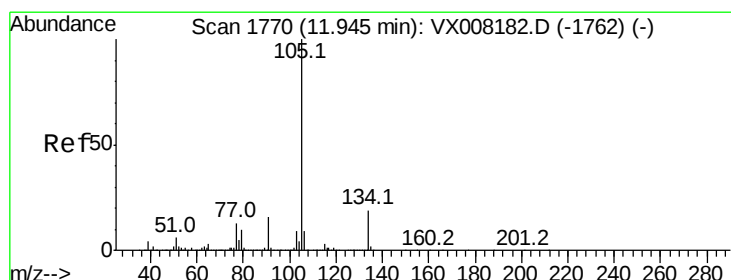
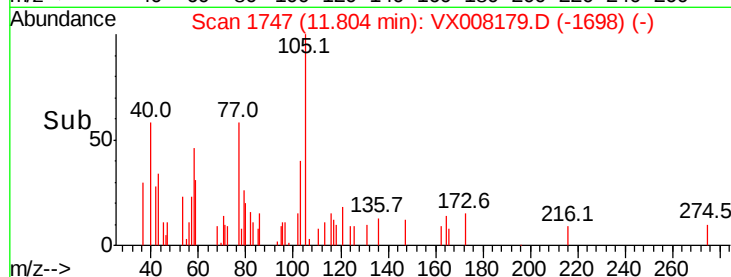
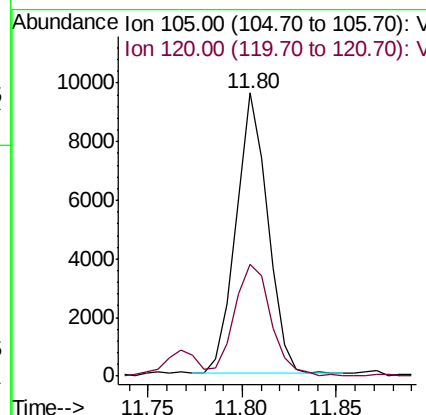
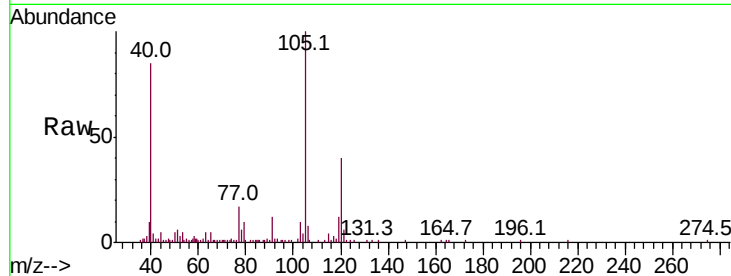
#84
 1,2,4-Trimethylbenzene
 Concen: 0.531 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 11137
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.6 67.7

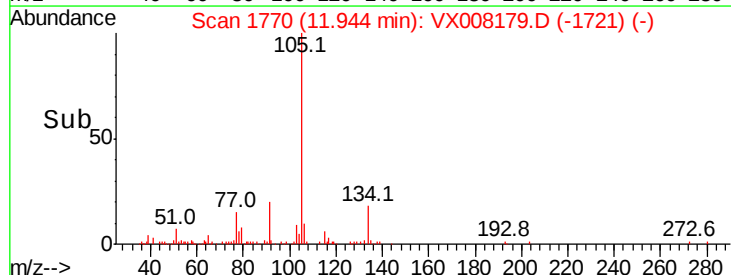
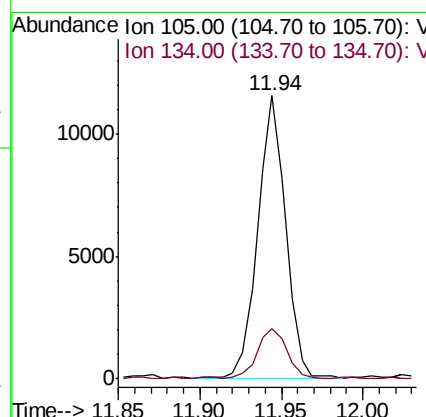
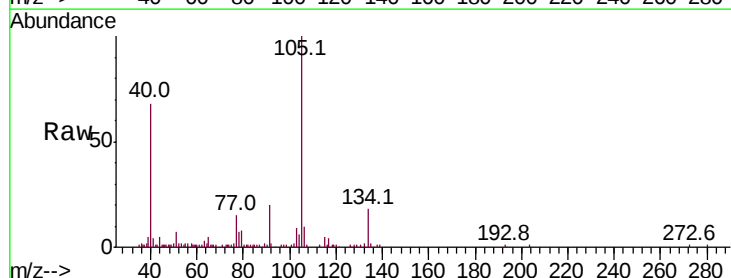
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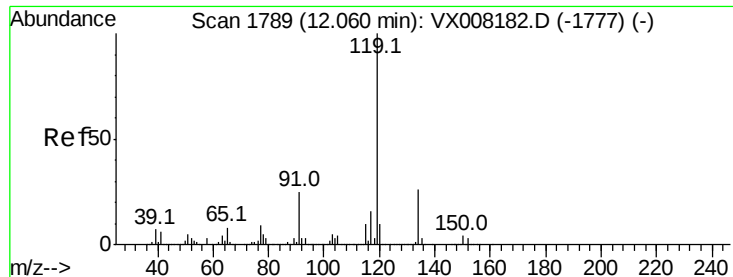
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#85
 sec-Butylbenzene
 Concen: 0.566 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Tgt Ion:105 Resp: 13865
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.2





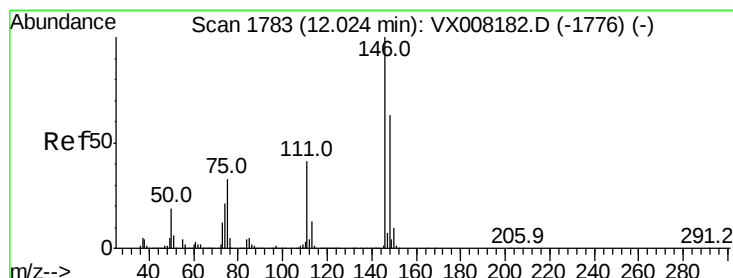
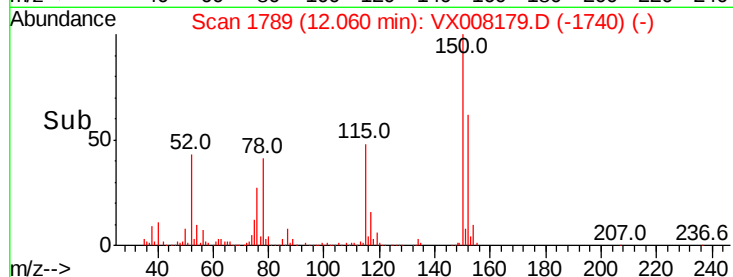
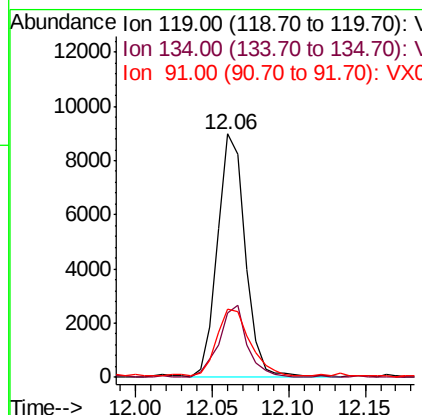
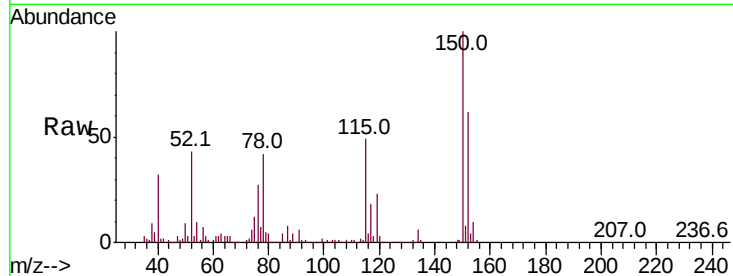
#86
 p-Isopropyltoluene
 Concen: 0.536 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	11384		
134	29.8	13.3	39.9	
91	32.8	10.9	32.7	

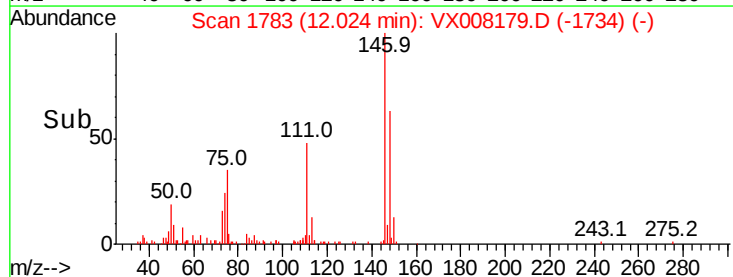
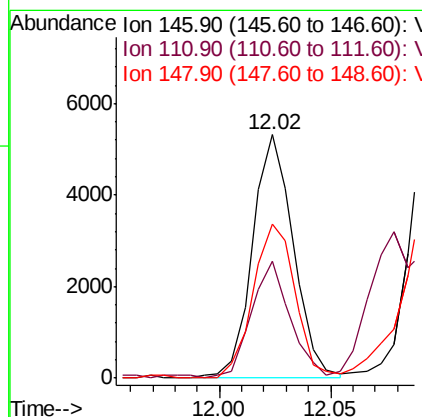
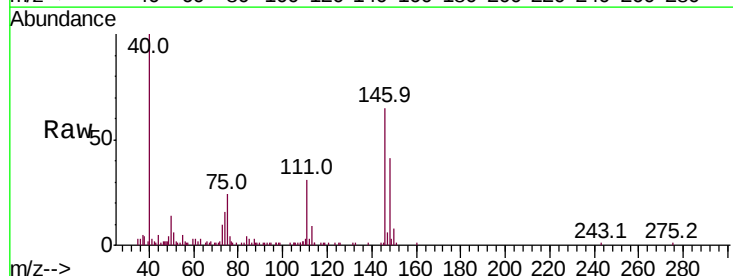
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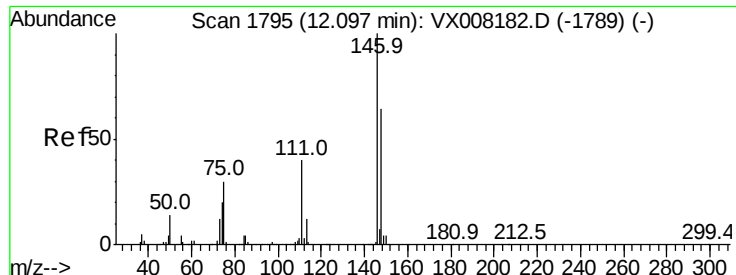
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#87
 1,3-Dichlorobenzene
 Concen: 0.656 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	6813		
111	45.7	18.9	56.7	
148	65.4	31.7	95.1	





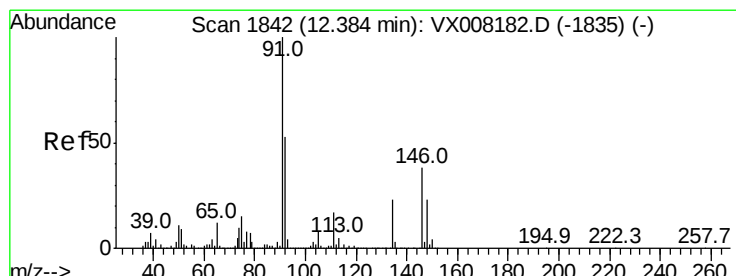
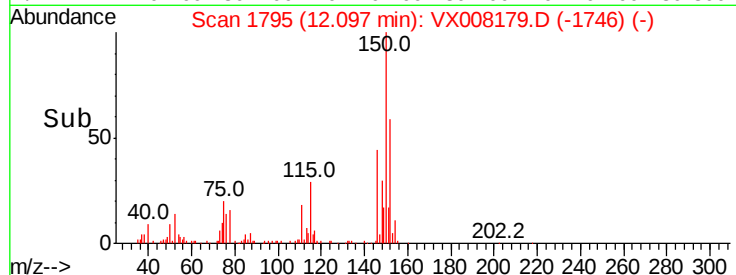
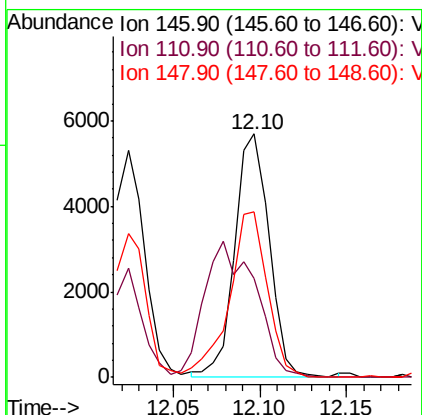
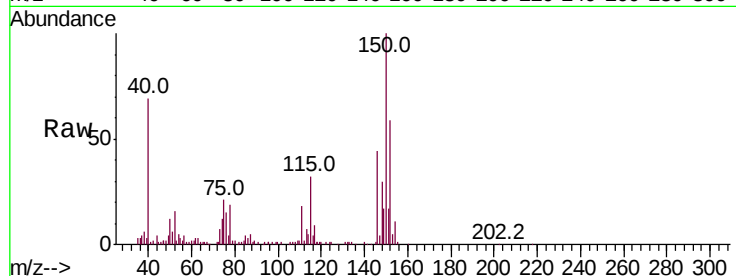
#88
 1,4-Dichlorobenzene
 Concen: 0.762 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	146	Resp:	7923
Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.4	55.0
148	56.3	32.2	96.6

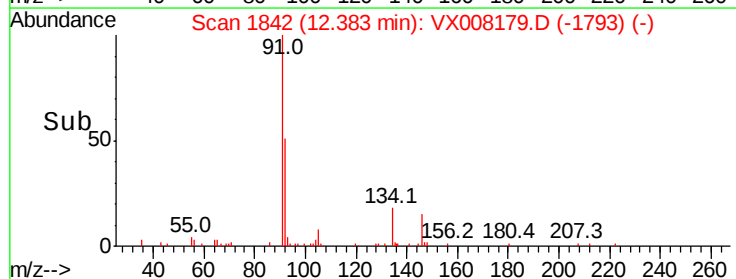
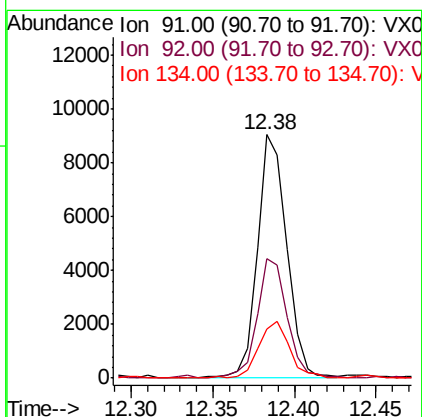
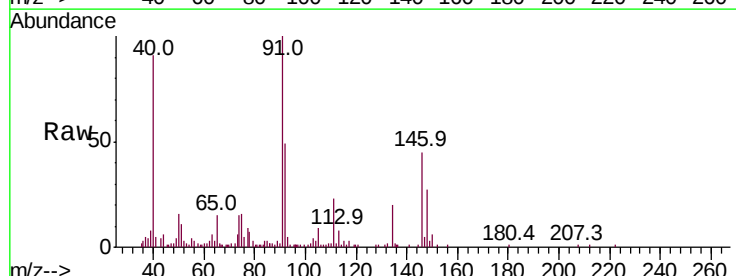
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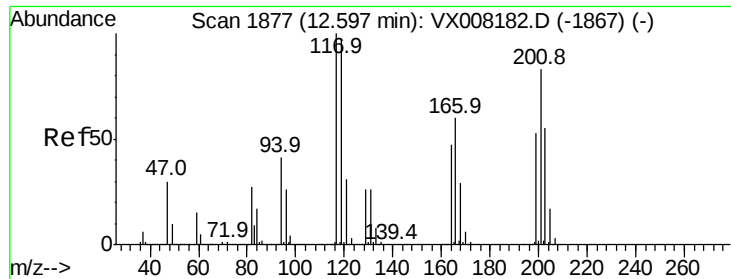
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#89
 n-Butylbenzene
 Concen: 0.559 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Tgt Ion:	91	Resp:	11282
Ion	Ratio	Lower	Upper
91	100		
92	50.4	27.0	80.8
134	24.5	13.7	41.0





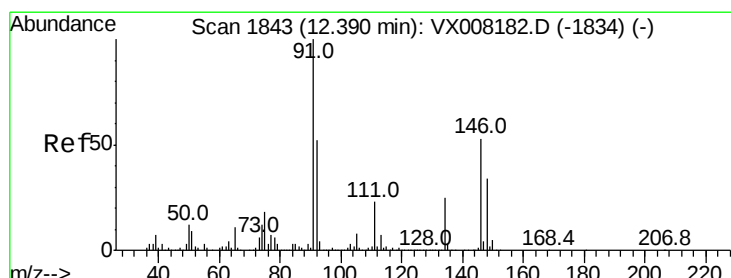
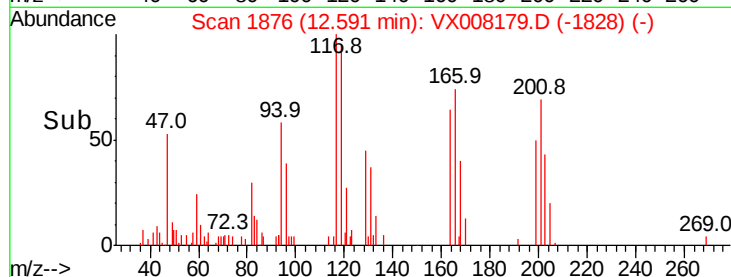
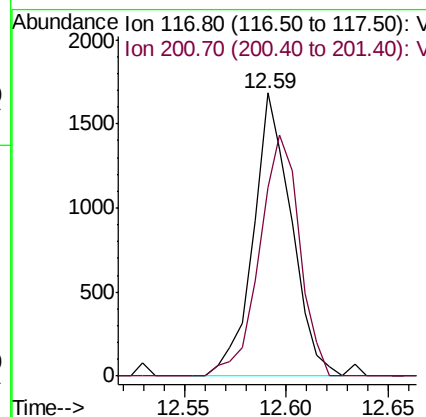
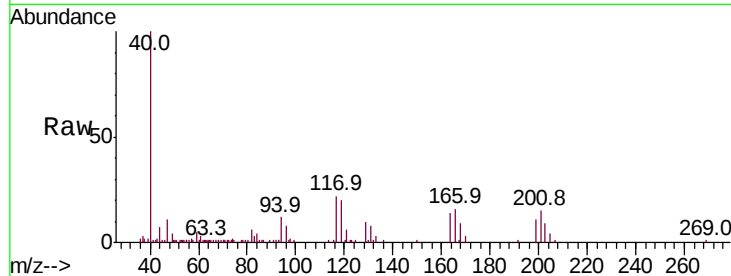
#90
Hexachloroethane
Concen: 0.600 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 2189
Ion Ratio Lower Upper
117 100
201 89.5 48.9 146.7

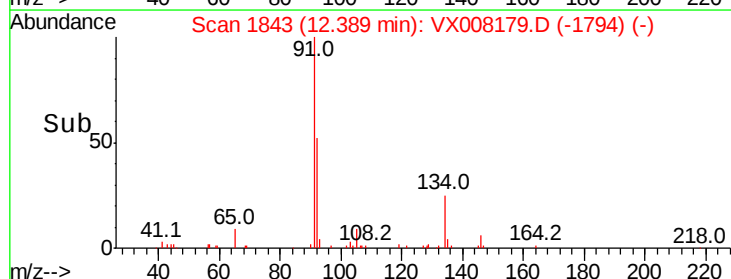
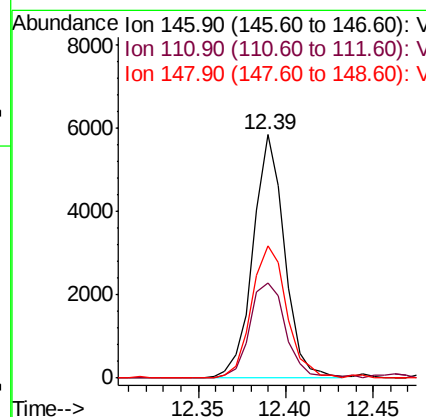
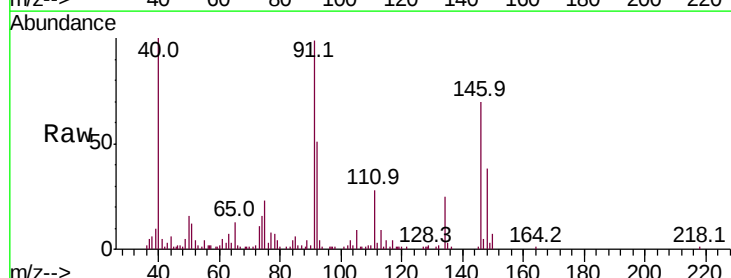
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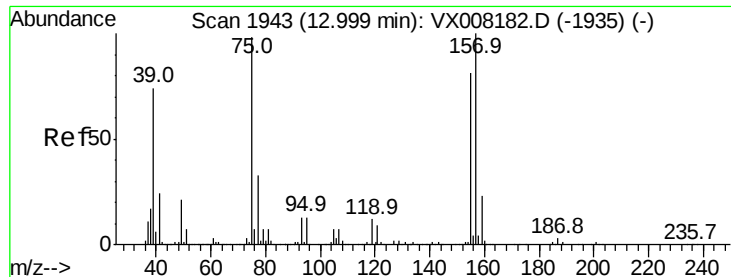
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#91
1,2-Dichlorobenzene
Concen: 0.707 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tgt Ion:146 Resp: 7321
Ion Ratio Lower Upper
146 100
111 45.4 19.6 58.8
148 60.4 31.9 95.5





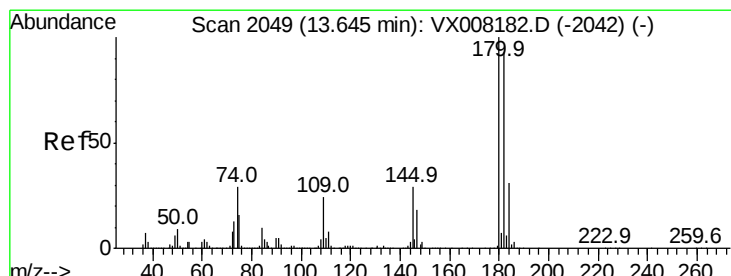
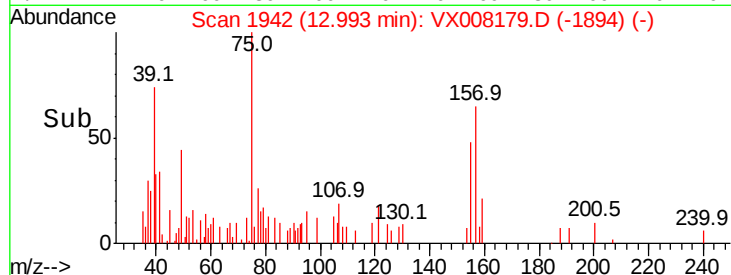
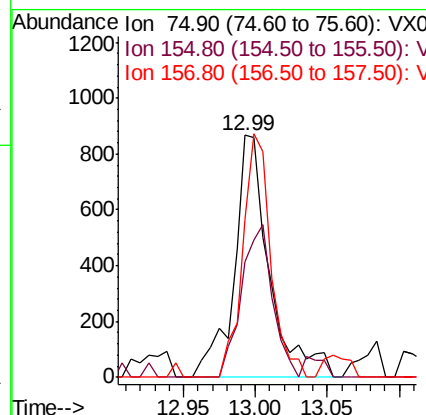
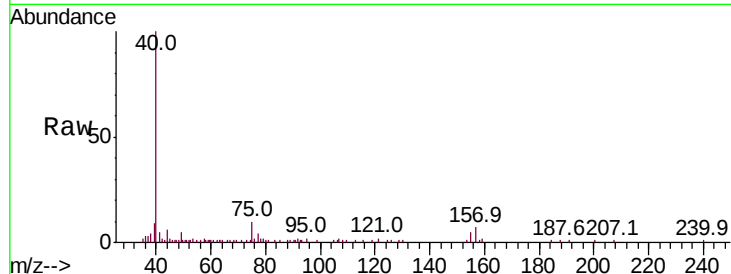
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.774 ug/l
RT: 12.99 min Scan# 1942
Delta R.T. -0.01 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	54.8	49.7	149.1
157	78.6	63.8	191.4

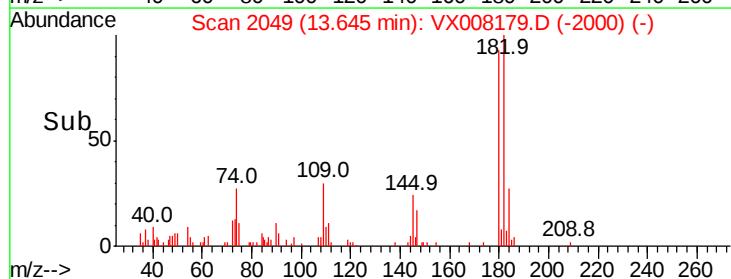
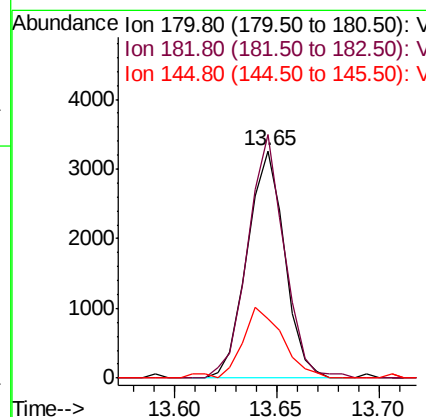
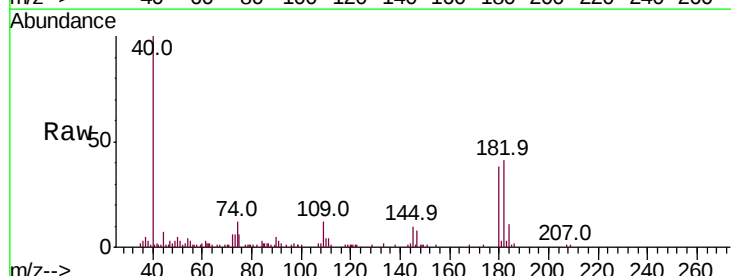
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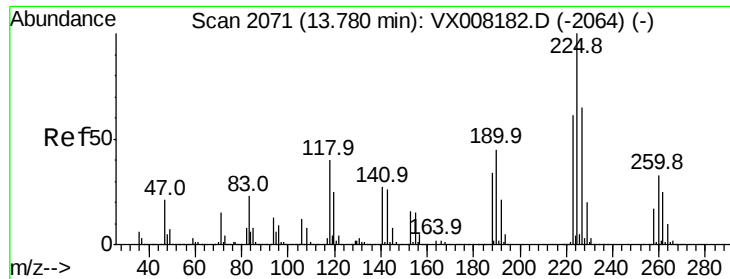
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#93
1,2,4-Trichlorobenzene
Concen: 0.597 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008179.D
Acq: 19 Mar 2019 09:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.6	47.9	143.7
145	33.7	14.1	42.4





#94

Hexachlorobutadiene

Concen: 0.658 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Instrument :

MSVOA_X

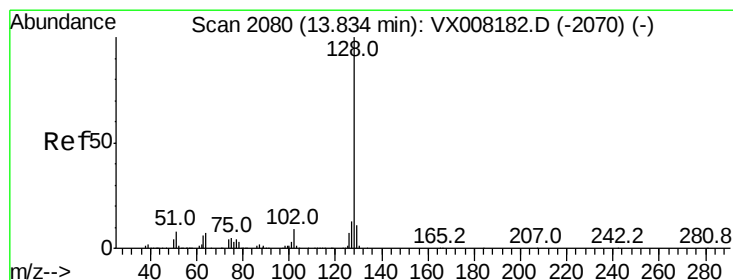
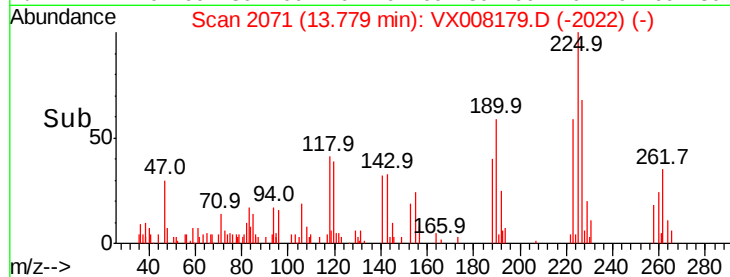
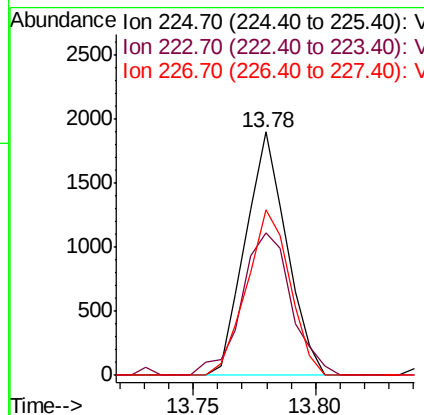
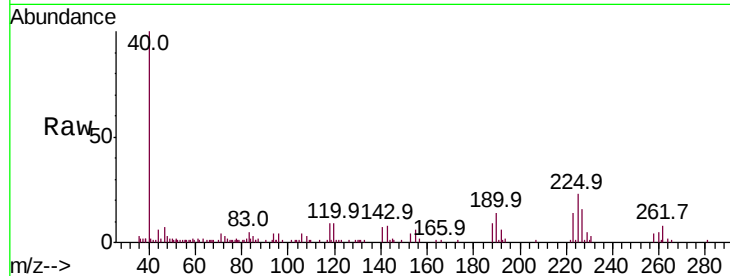
ClientSampleId :

VSTDIC001

Tot Ion:	225	Resp:	2236
Ion Ratio	Lower	Upper	
225	100		
223	70.3	31.1	93.2
227	71.1	32.0	96.0

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#95

Naphthalene

Concen: 0.492 ug/l

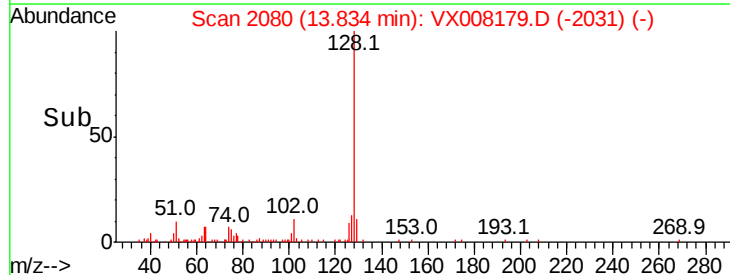
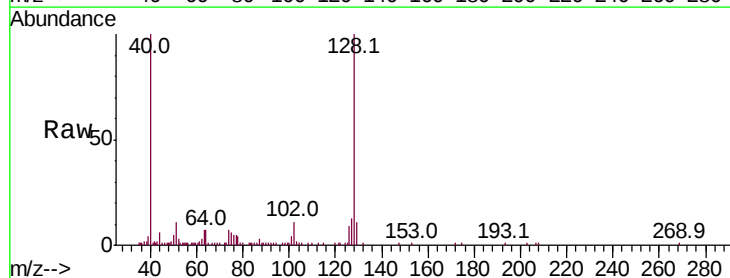
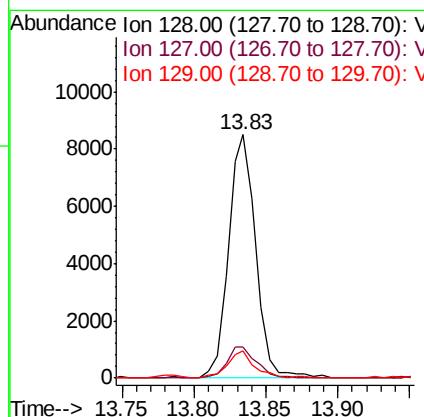
RT: 13.83 min Scan# 2080

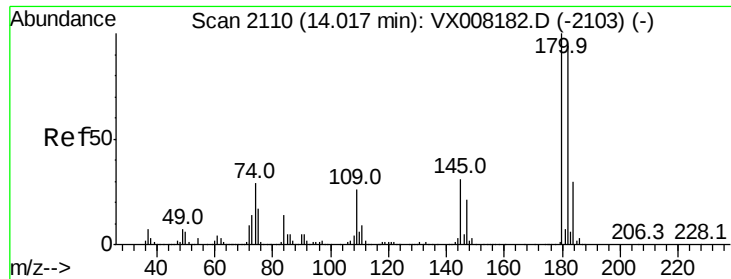
Delta R.T. -0.00 min

Lab File: VX008179.D

Acq: 19 Mar 2019 09:54

Tgt Ion:	128	Resp:	11296
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.3	15.5
129	11.1	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.636 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008179.D
 Acq: 19 Mar 2019 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.5	142.5
145	36.0	14.8	44.3

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