

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008356.D
 Acq On : 23 Mar 2019 17:46
 Operator : JC/SP
 Sample : VX0323WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:17:08 AM

Quant Time: Mar 25 08:40:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	206070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	151689	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	5.50	113	112679	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.71	98	447885	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.13	95	161656	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43876	18.808	ug/l	99
3) Chloromethane	1.32	50	68402	19.780	ug/l	98
4) Vinyl Chloride	1.40	62	64608	19.142	ug/l	99
5) Bromomethane	1.64	94	43693	20.557	ug/l	100
6) Chloroethane	1.72	64	37888	19.167	ug/l	100
7) Trichlorofluoromethane	1.93	101	71714	18.684	ug/l	97
8) Diethyl Ether	2.18	74	34086	18.547	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42376	18.637	ug/l	89
10) Methyl Iodide	2.51	142	51572	17.878	ug/l	97
11) Tert butyl alcohol	3.04	59	66916	95.585	ug/l	98
12) 1,1-Dichloroethene	2.37	96	43933	18.718	ug/l	91
13) Acrolein	2.29	56	53851	90.018	ug/l	97
14) Allyl chloride	2.73	41	97894	18.854	ug/l	94
15) Acrylonitrile	3.14	53	174644	97.416	ug/l	99
16) Acetone	2.44	43	148925	94.797	ug/l	98
17) Carbon Disulfide	2.57	76	133493	17.787	ug/l	98
18) Methyl Acetate	2.77	43	74204	18.870	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	163760	19.372	ug/l	100
20) Methylene Chloride	2.85	84	53643	18.968	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	47017	18.500	ug/l	95
22) Diisopropyl ether	3.85	45	196552	19.442	ug/l #	86
23) Vinyl Acetate	3.81	43	876743	98.223	ug/l	97
24) 1,1-Dichloroethane	3.70	63	98087	19.030	ug/l	98
25) 2-Butanone	4.67	43	251762	97.325	ug/l	96
26) 2,2-Dichloropropane	4.59	77	59269	17.847	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	54460	18.709	ug/l	89
28) Bromochloromethane	5.01	49	54545	21.198	ug/l #	78
29) Tetrahydrofuran	5.13	42	167540	97.543	ug/l	95
30) Chloroform	5.21	83	88446	19.032	ug/l	98
31) Cyclohexane	5.57	56	93259	18.868	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	68985	18.763	ug/l	95
36) 1,1-Dichloropropene	5.80	75	68384	18.706	ug/l	96
37) Ethyl Acetate	4.84	43	94301	19.060	ug/l	99
38) Carbon Tetrachloride	5.78	117	57329	18.295	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82914	18.504	ug/l	94
40) Benzene	6.14	78	211557	19.003	ug/l	99
41) Methacrylonitrile	5.04	41	52927	19.626	ug/l	96
42) 1,2-Dichloroethane	6.19	62	76148	18.848	ug/l	95
43) Isopropyl Acetate	6.45	43	148656	19.296	ug/l	97
44) Trichloroethene	7.21	130	47089	18.214	ug/l	85
45) 1,2-Dichloropropane	7.51	63	60334	19.143	ug/l	98
46) Dibromomethane	7.66	93	34458	18.423	ug/l #	84
47) Bromodichloromethane	7.90	83	66915	18.756	ug/l	99
48) Methyl methacrylate	7.77	41	74403	19.139	ug/l	94
49) 1,4-Dioxane	7.74	88	30131	384.157	ug/l	90
51) 4-Methyl-2-Pentanone	8.64	43	494059	97.741	ug/l	97
52) Toluene	8.78	92	125081	19.160	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	69976	18.243	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	80131	18.425	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	51813	19.108	ug/l	98
56) Ethyl methacrylate	9.18	69	93653	19.509	ug/l	92
57) 1,3-Dichloropropane	9.37	76	92105	19.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	250204	96.667	ug/l	92
59) 2-Hexanone	9.49	43	384929	99.200	ug/l	96
60) Dibromochloromethane	9.58	129	47345	18.811	ug/l	98
61) 1,2-Dibromoethane	9.67	107	53361	19.390	ug/l	99
64) Tetrachloroethene	9.34	164	38134	18.330	ug/l	95
65) Chlorobenzene	10.14	112	127215	19.067	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	43954	18.997	ug/l	97
67) Ethyl Benzene	10.25	91	239400	19.163	ug/l	95
68) m/p-Xylenes	10.36	106	171197	38.139	ug/l	91
69) o-Xylene	10.69	106	84629	19.281	ug/l	94
70) Styrene	10.71	104	146072	19.189	ug/l	96
71) Bromoform	10.85	173	32912	18.465	ug/l #	100
73) Isopropylbenzene	11.02	105	224530	19.494	ug/l	98
74) N-amyl acetate	10.90	43	135001	20.020	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	87875	19.154	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	82500m	21.596	ug/l	
77) Bromobenzene	11.26	156	52891	19.407	ug/l	80
78) n-propylbenzene	11.36	91	262532	19.448	ug/l	95
79) 2-Chlorotoluene	11.42	91	156539	19.037	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	189383	19.329	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	24032	17.927	ug/l #	84
82) 4-Chlorotoluene	11.51	91	179171	18.910	ug/l	94
83) tert-Butylbenzene	11.77	119	180107	19.304	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	190662	19.499	ug/l	97
85) sec-Butylbenzene	11.94	105	216498	19.361	ug/l	96
86) p-Isopropyltoluene	12.06	119	192514	19.532	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	92628	18.924	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	92534	18.580	ug/l	96
89) n-Butylbenzene	12.38	91	176256	18.732	ug/l	96
90) Hexachloroethane	12.59	117	29880	18.353	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	94122	18.987	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19237	19.674	ug/l	75

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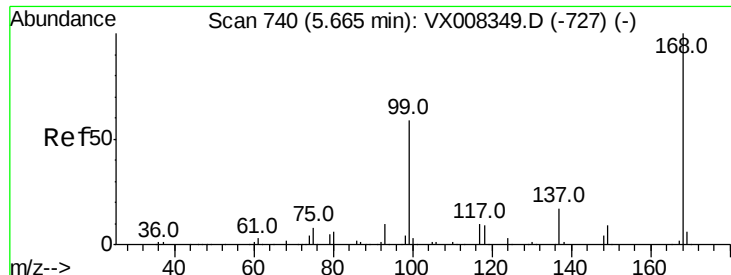
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61612	18.431	ug/l	98
94) Hexachlorobutadiene	13.78	225	30103	19.055	ug/l	99
95) Naphthalene	13.83	128	229698	19.567	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64454	19.108	ug/l	98

(#) = 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: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion:168 Resp: 206070

Ion Ratio Lower Upper

168 100

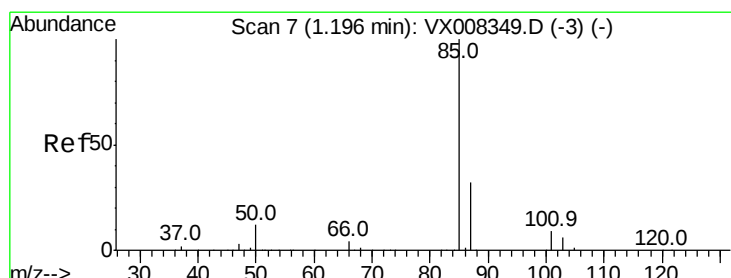
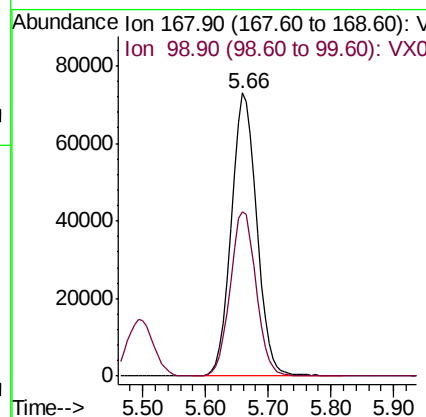
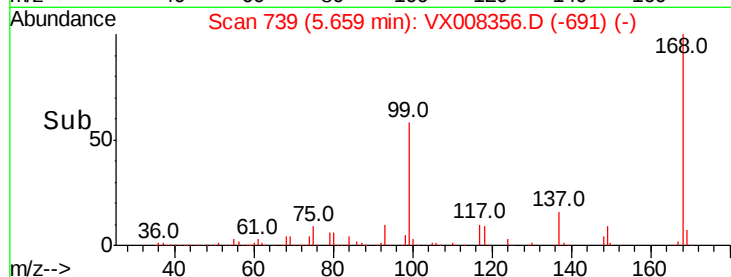
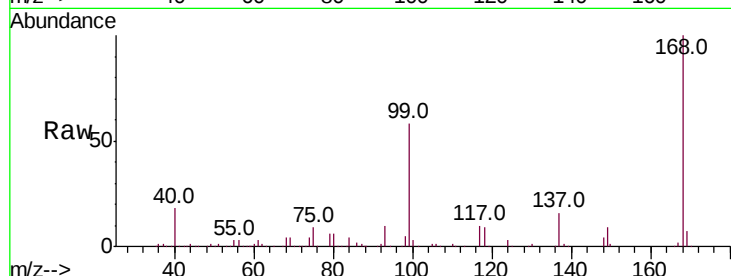
99 57.8 37.6 56.4#

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.808 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008356.D

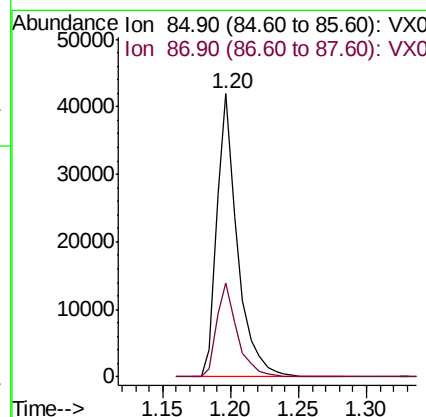
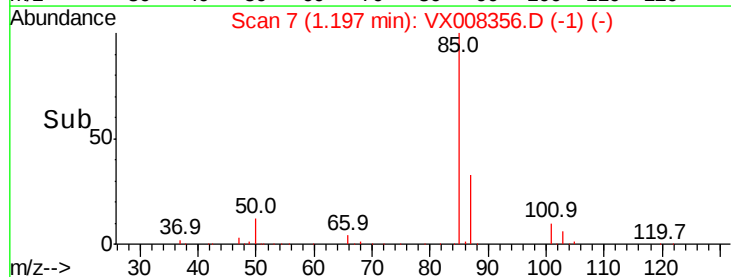
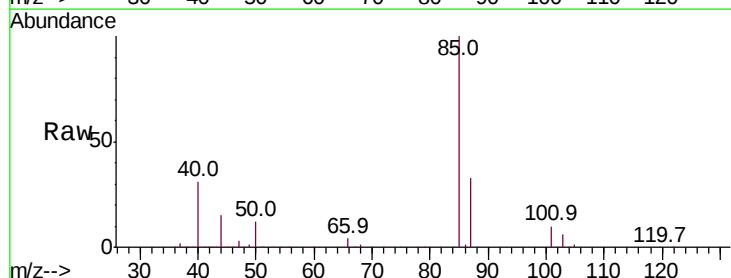
Acq: 23 Mar 2019 17:46

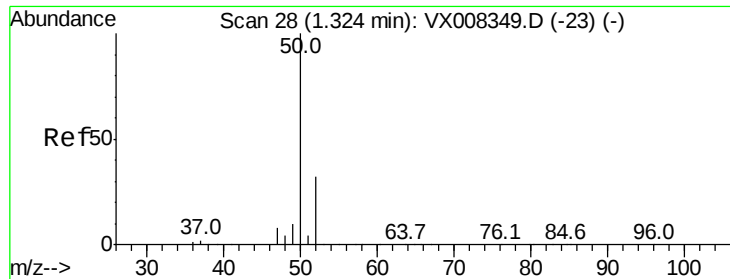
Tgt Ion: 85 Resp: 43876

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.1





#3

Chloromethane

Concen: 19.780 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion: 50 Resp: 68402

Ion Ratio Lower Upper

50 100

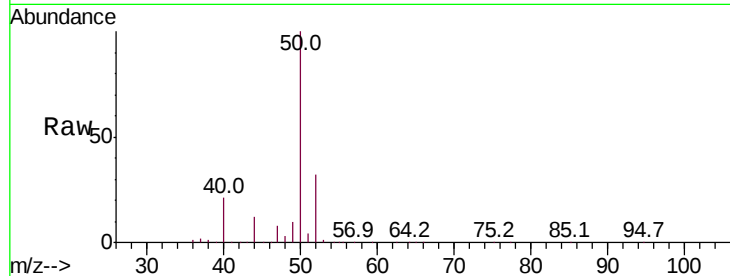
52 32.2 26.5 39.7

Manual Integrations

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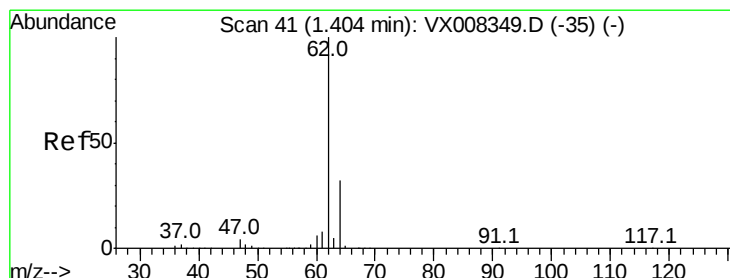
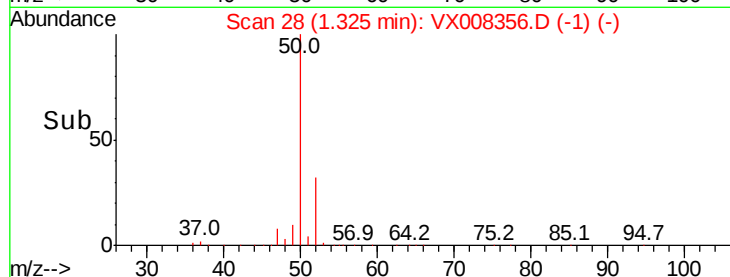
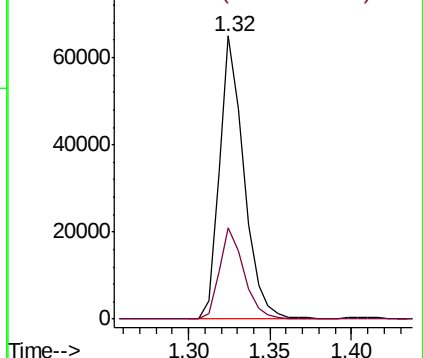
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.142 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008356.D

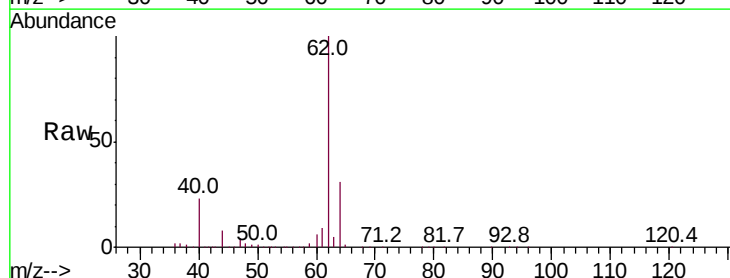
Acq: 23 Mar 2019 17:46

Tgt Ion: 62 Resp: 64608

Ion Ratio Lower Upper

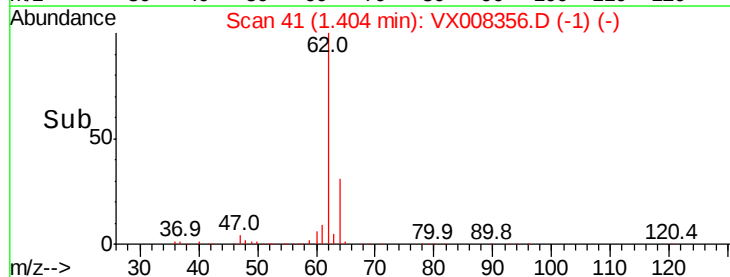
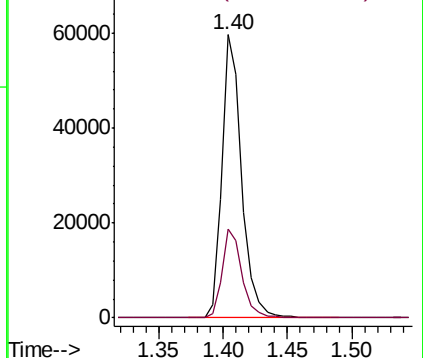
62 100

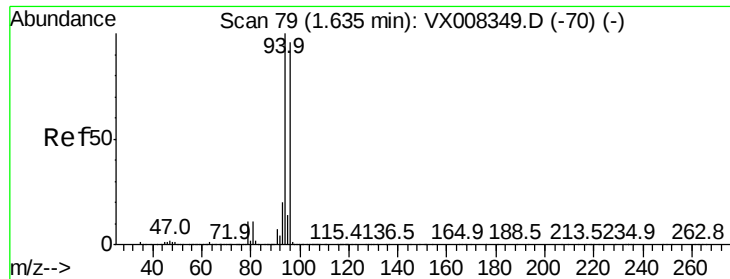
64 31.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.557 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

VX0323WBS01

Tot Ion: 94 Resp: 43693

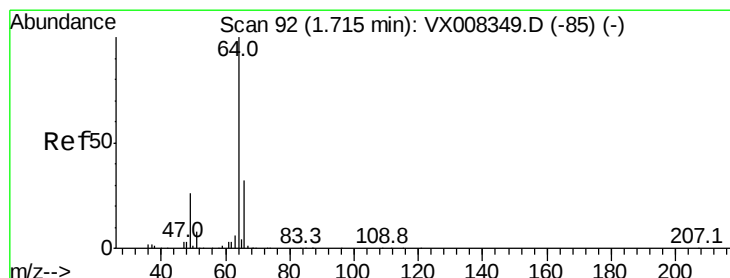
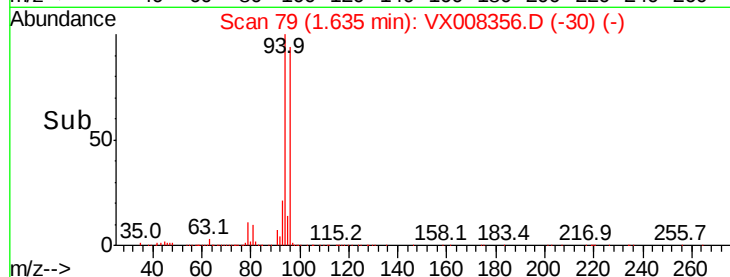
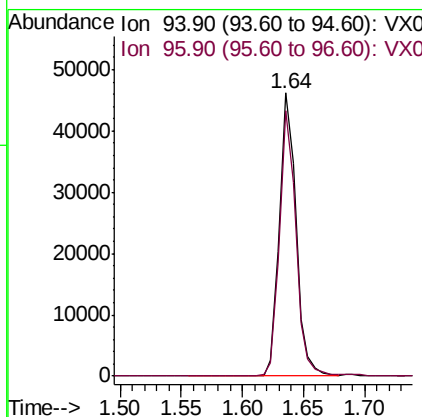
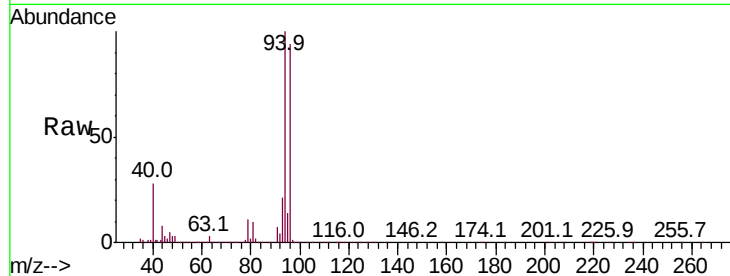
Ion Ratio Lower Upper

94 100

96 94.0 75.5 113.3

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#6

Chloroethane

Concen: 19.167 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008356.D

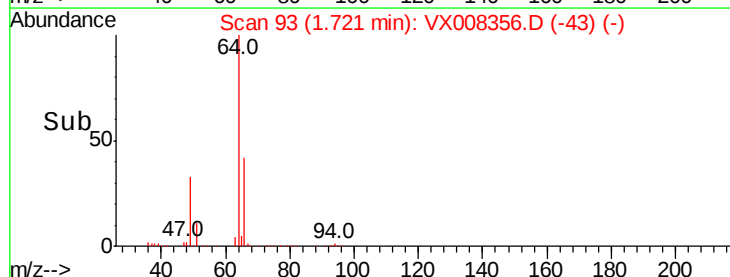
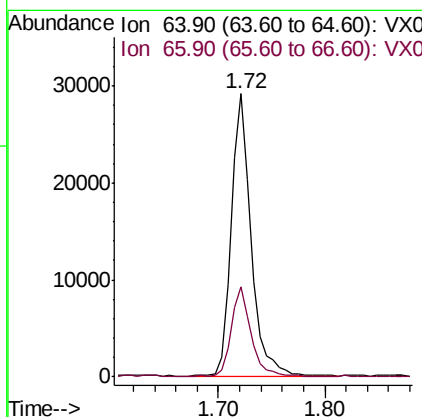
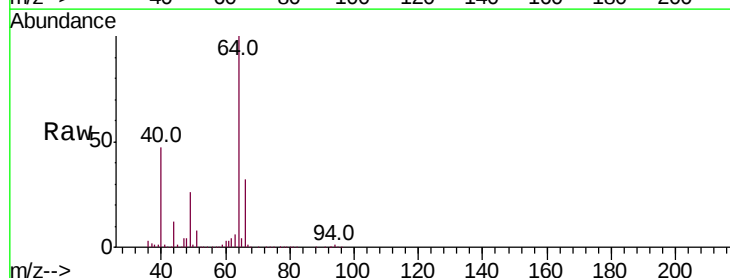
Acq: 23 Mar 2019 17:46

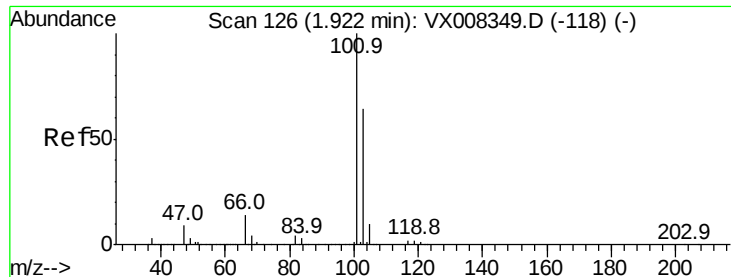
Tgt Ion: 64 Resp: 37888

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8





#7

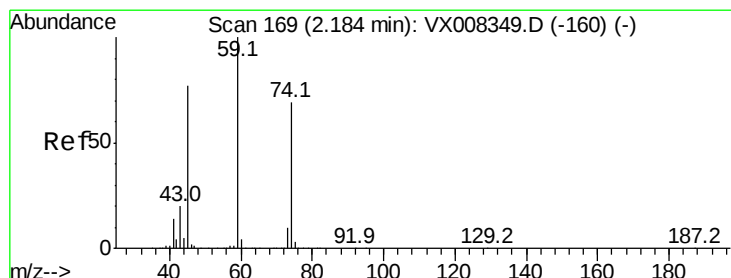
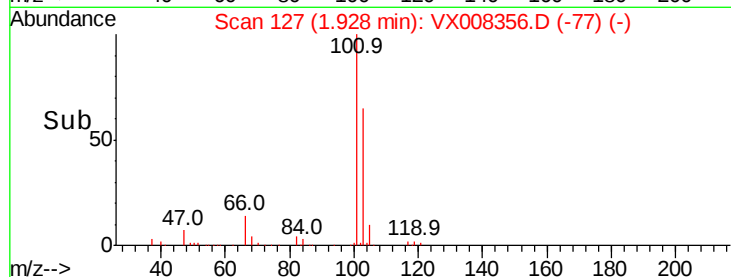
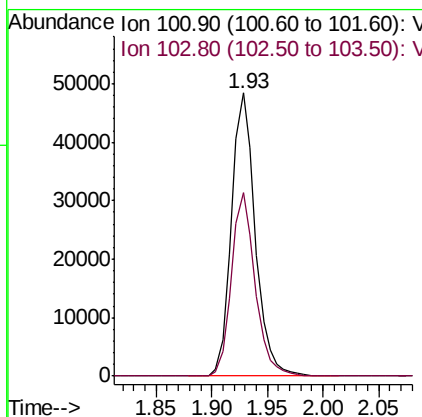
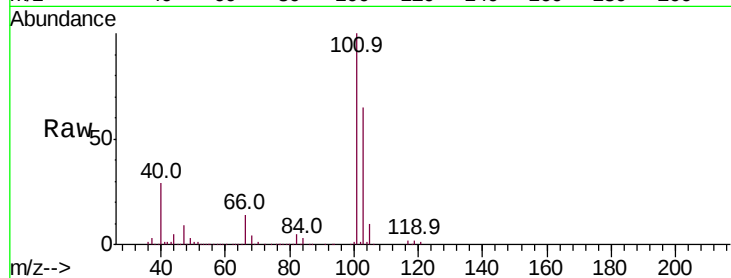
Trichlorofluoromethane
Concen: 18.684 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

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ClientSampleId :
VX0323WBS01

Tot Ion:101 Resp: 71714
Ion Ratio Lower Upper
101 100
103 65.0 50.4 75.6

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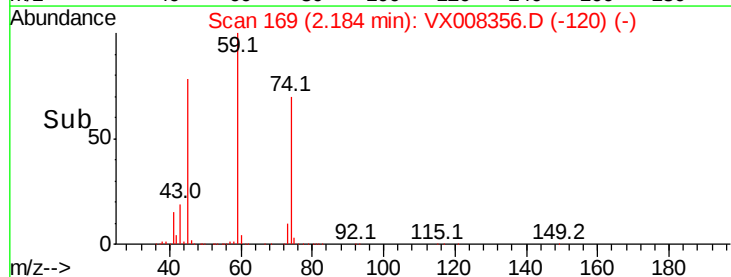
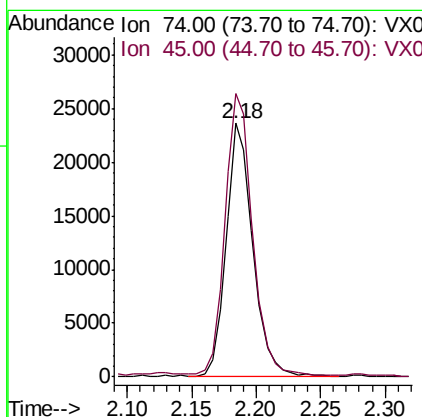
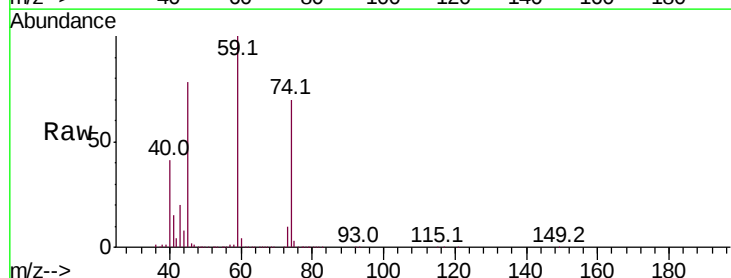
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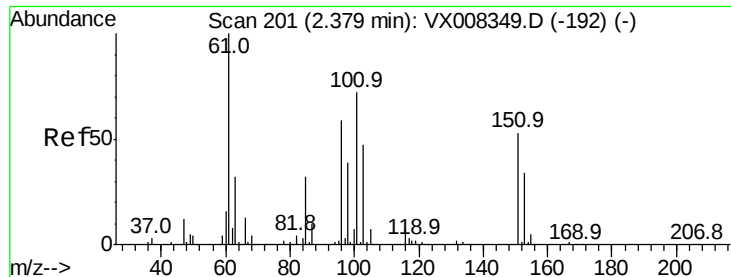


#8

Diethyl Ether
Concen: 18.547 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 74 Resp: 34086
Ion Ratio Lower Upper
74 100
45 114.6 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.637 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

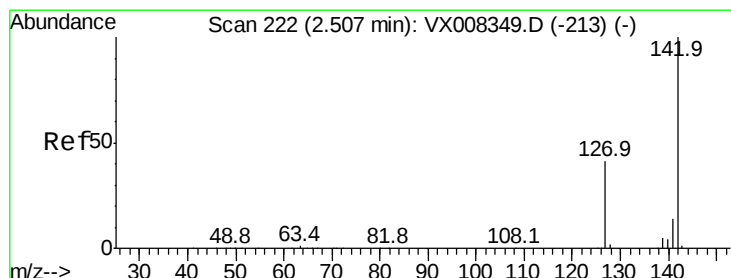
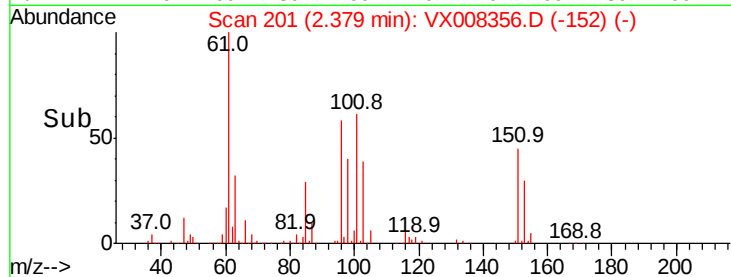
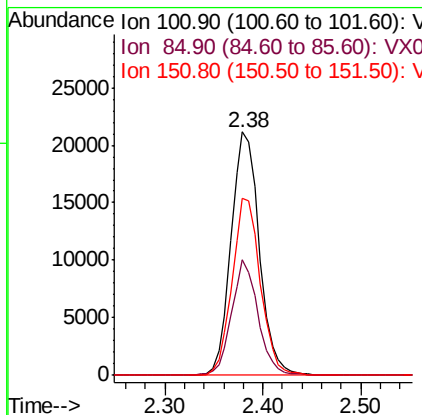
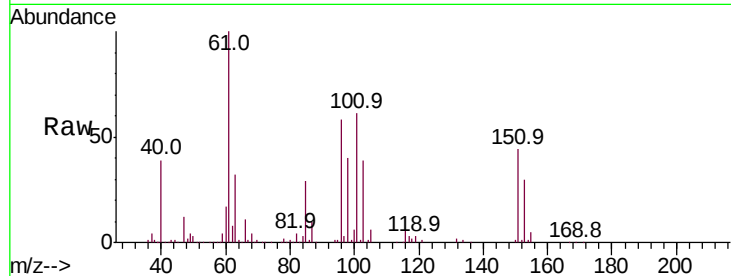
ClientSampleId :

VX0323WBS01

Tot Ion:	101	Resp:	42376
Ion Ratio	Lower	Upper	
101	100		
85	44.5	33.8	50.6
151	73.0	69.1	103.7

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#10

Methyl Iodide

Concen: 17.878 ug/l

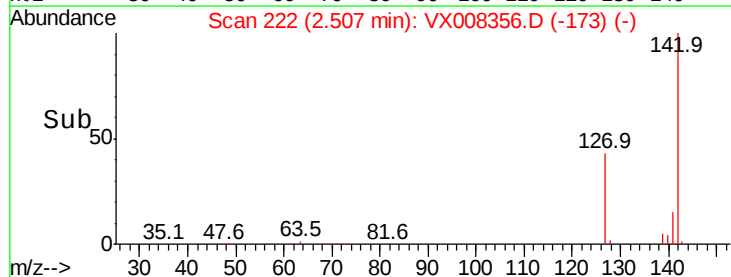
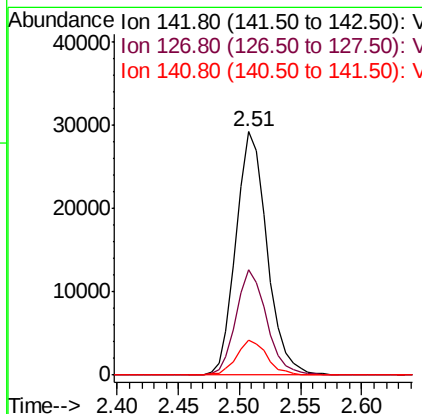
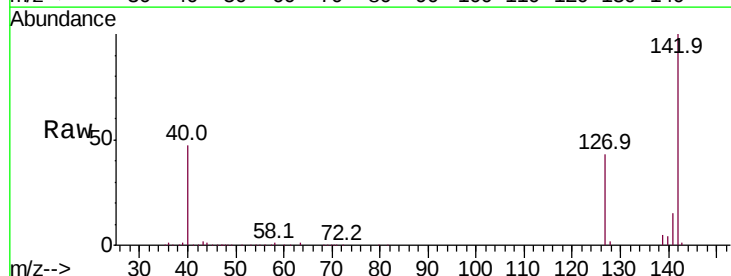
RT: 2.51 min Scan# 222

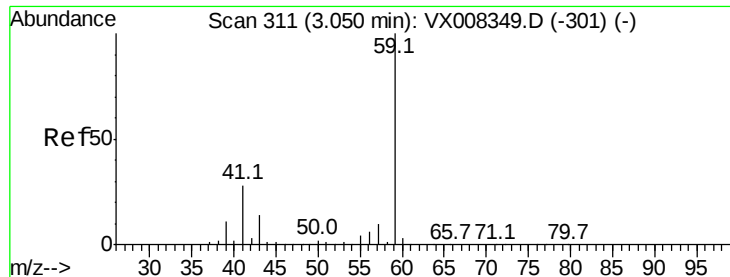
Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Tgt Ion:	142	Resp:	51572
Ion Ratio	Lower	Upper	
142	100		
127	42.5	32.1	48.1
141	14.3	11.4	17.2





#11

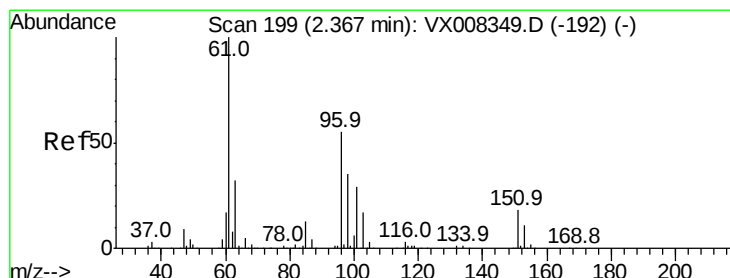
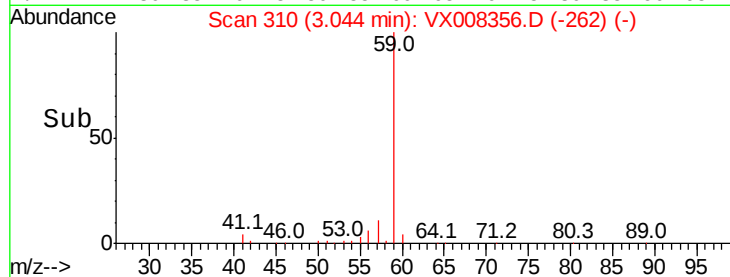
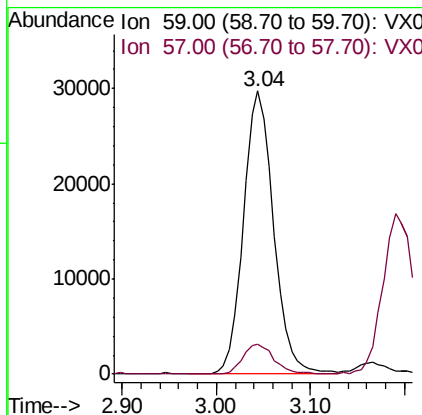
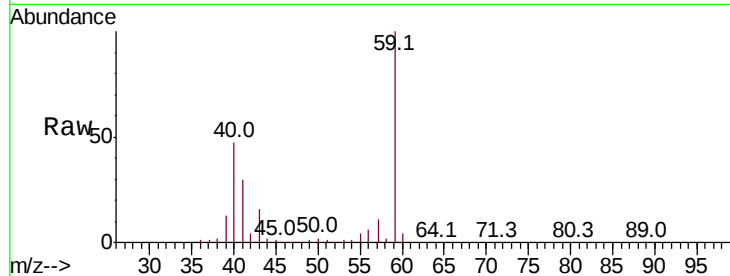
Tert butyl alcohol
Concen: 95.585 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampled :
VX0323WBS01

Tot Ion: 59 Resp: 66916
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

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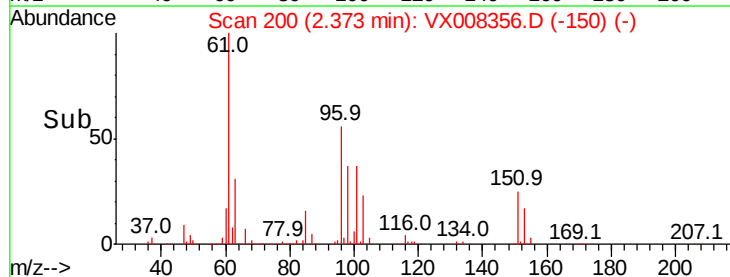
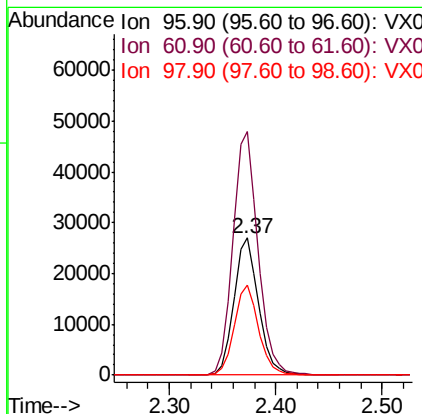
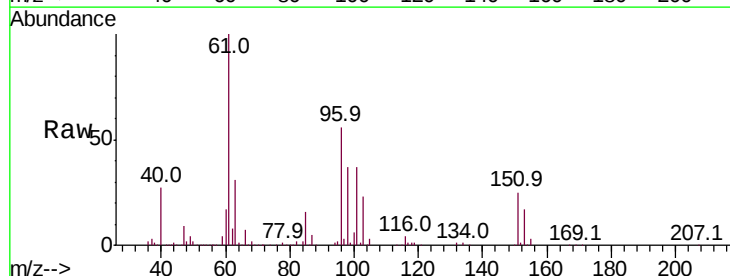
MMDadoda
3/25/2019 11:17:08 AM

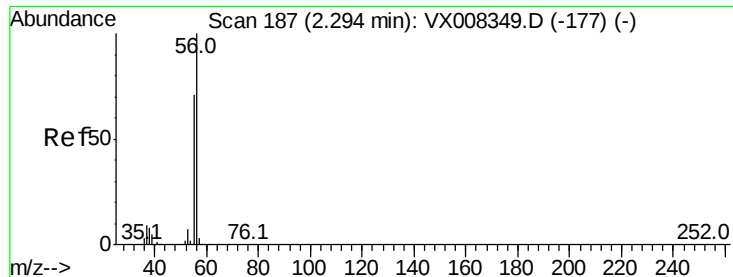


#12

1,1-Dichloroethene
Concen: 18.718 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 96 Resp: 43933
Ion Ratio Lower Upper
96 100
61 177.6 129.8 194.6
98 65.5 51.0 76.6





#13

Acrolein

Concen: 90.018 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion: 56 Resp: 53851

Ion Ratio Lower Upper

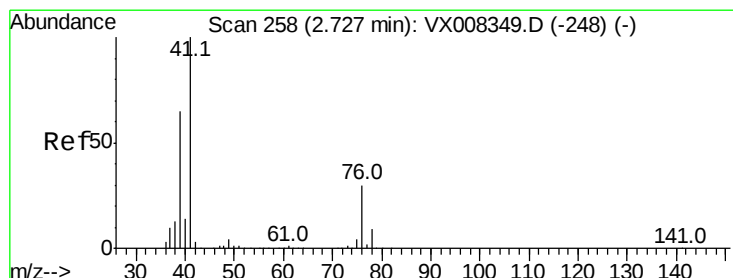
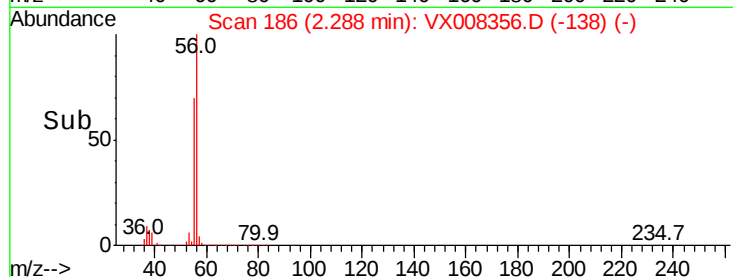
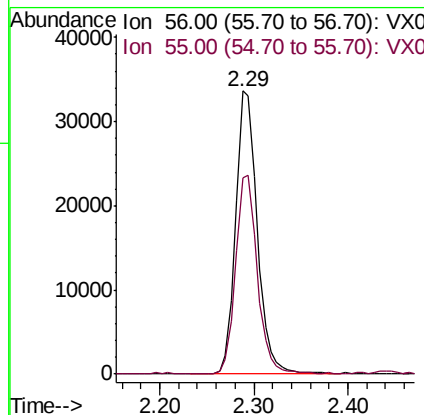
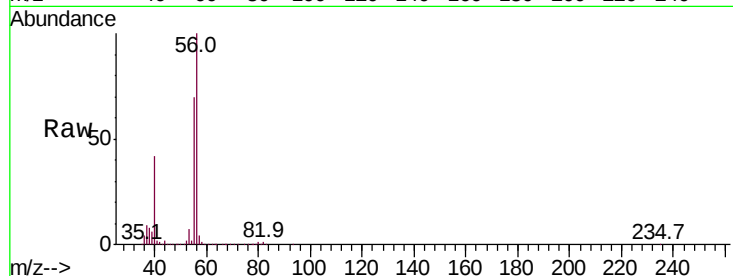
56 100

55 69.9 57.8 86.6

Manual Integrations
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MMDadoda

3/25/2019 11:17:08 AM



#14

Allyl chloride

Concen: 18.854 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

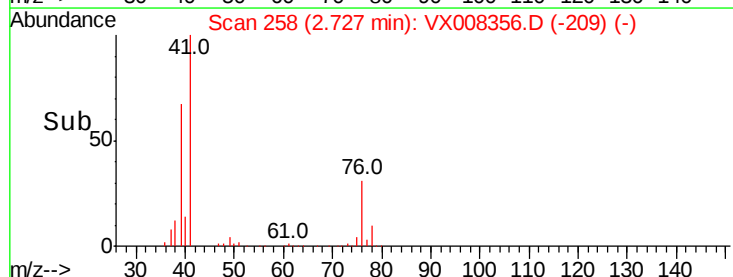
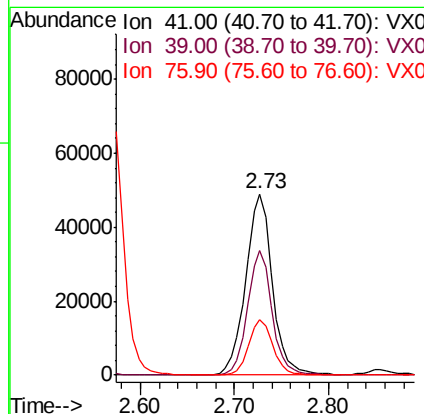
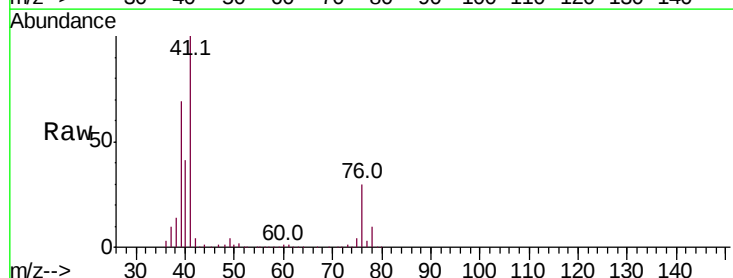
Tgt Ion: 41 Resp: 97894

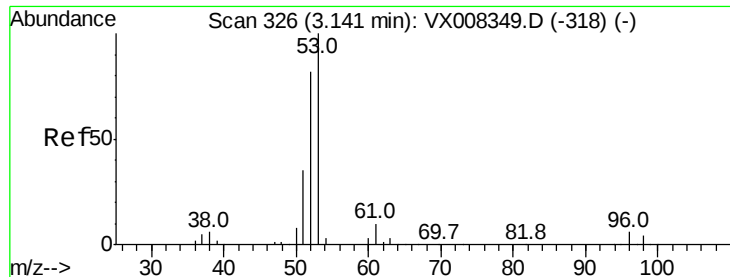
Ion Ratio Lower Upper

41 100

39 62.2 46.1 69.1

76 27.6 24.0 36.0





#15

Acrylonitrile

Concen: 97.416 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

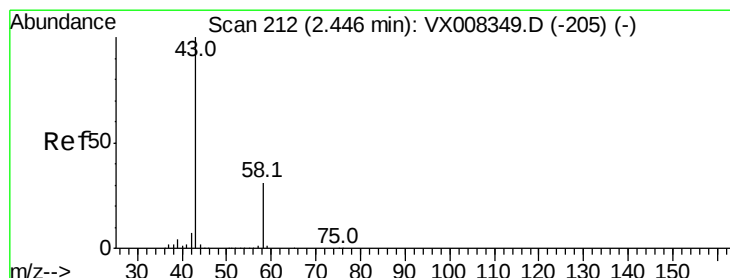
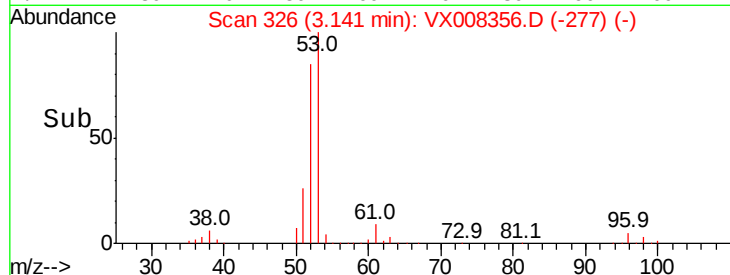
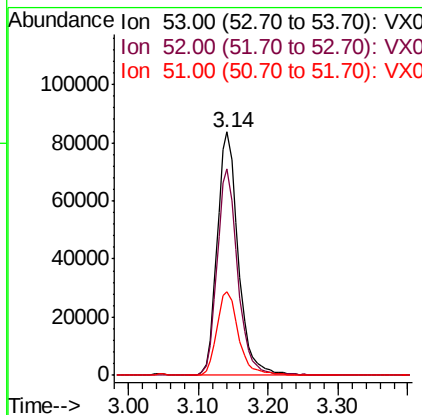
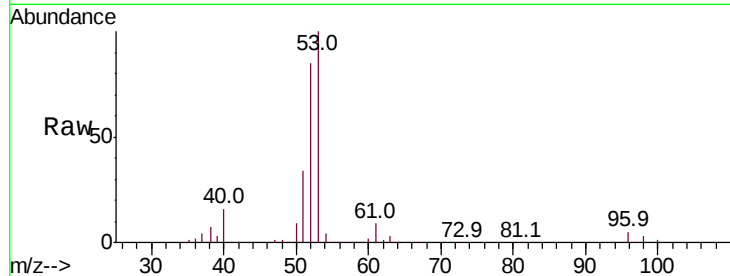
ClientSampleId :

VX0323WBS01

Tot Ion:	53	Resp:	174644
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.0	99.0
51	35.3	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 94.797 ug/l

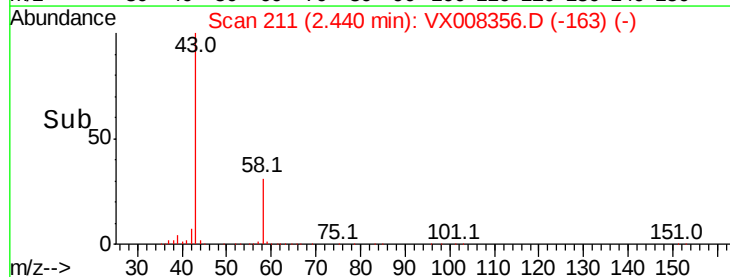
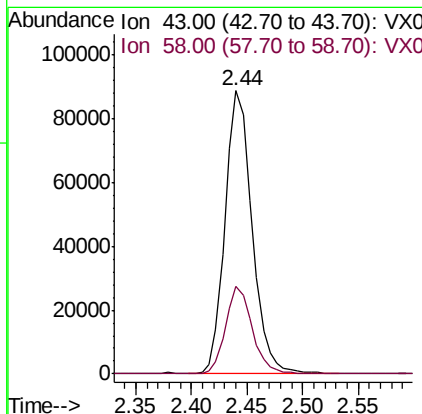
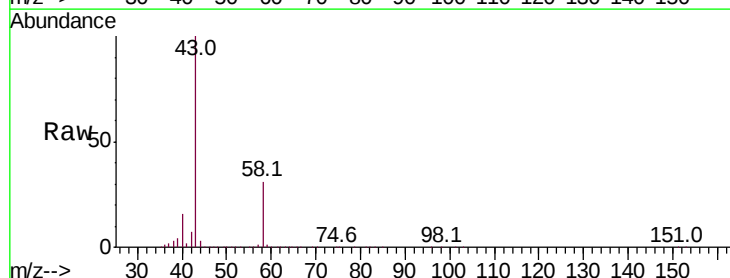
RT: 2.44 min Scan# 211

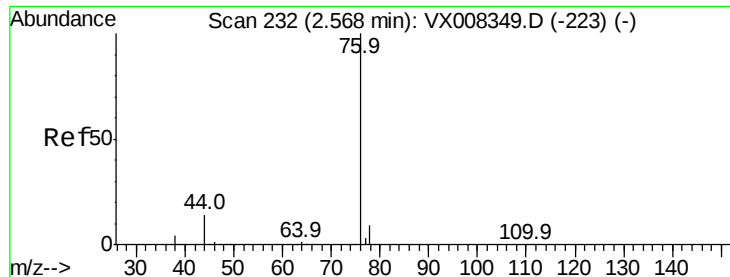
Delta R.T. -0.01 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Tgt Ion:	43	Resp:	148925
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.5	38.3





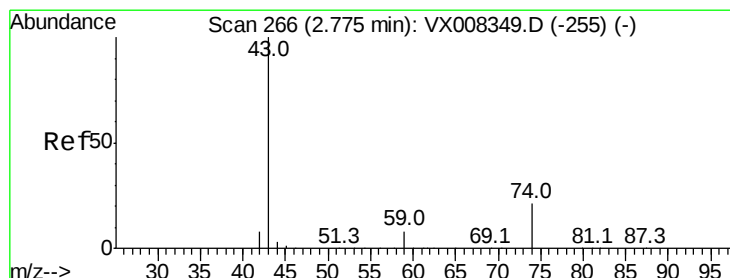
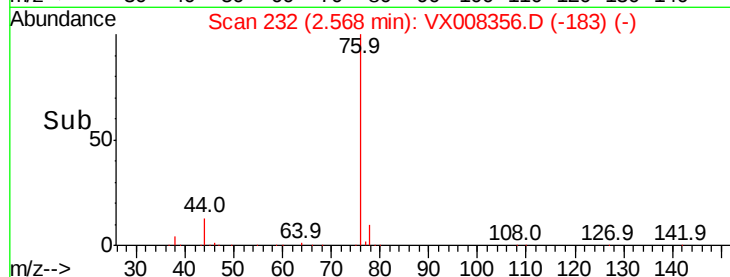
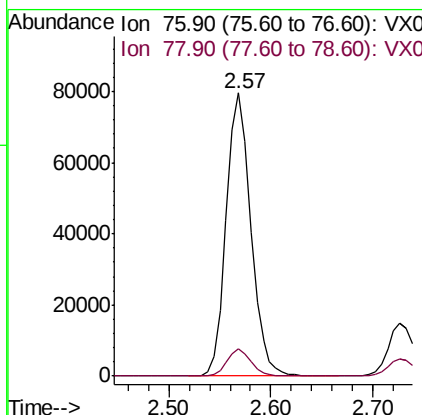
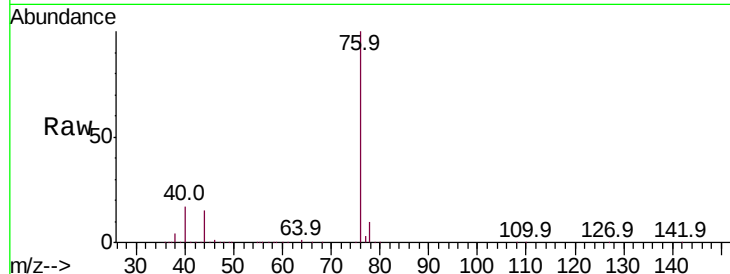
#17
Carbon Disulfide
Concen: 17.787 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.2	10.8

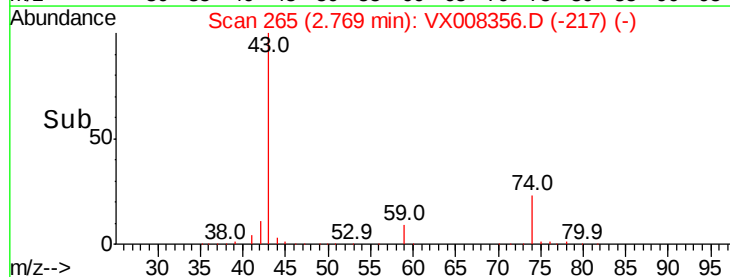
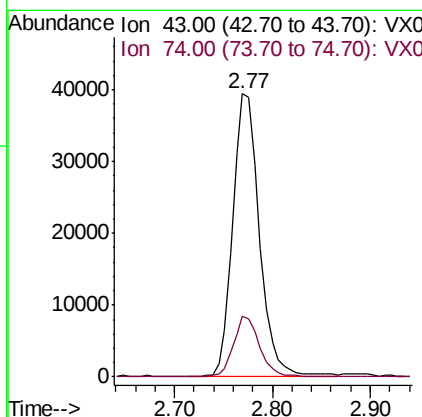
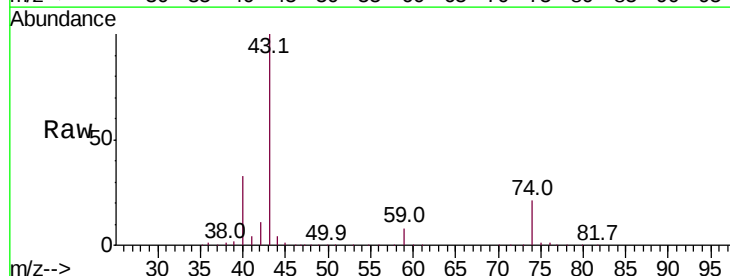
Manual Integrations
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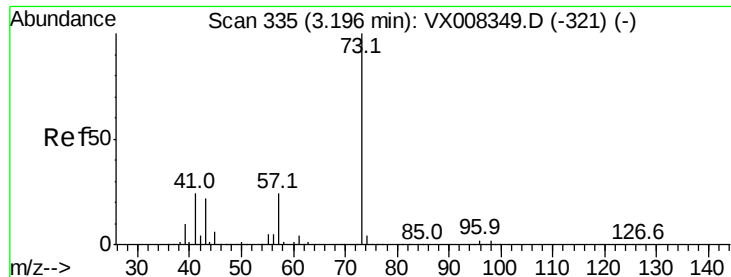
MMDadoda
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#18
Methyl Acetate
Concen: 18.870 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.8	26.6





#19

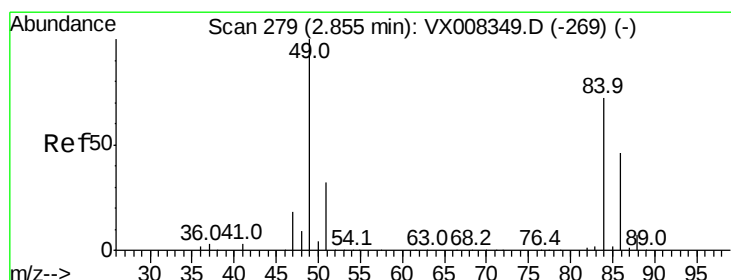
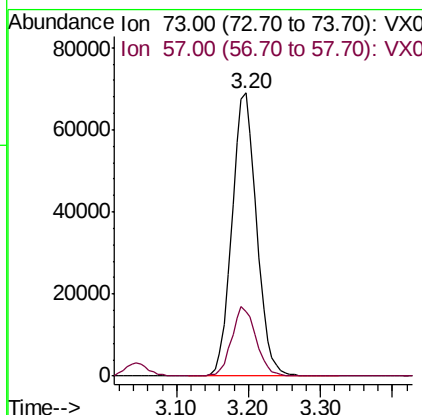
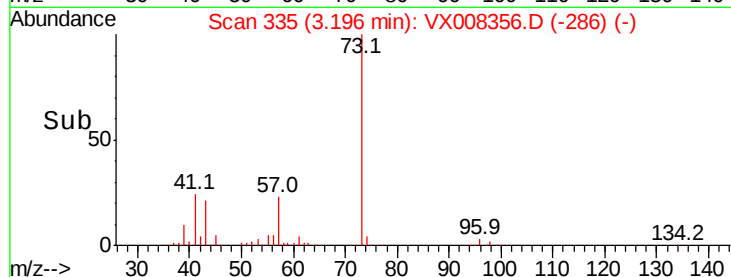
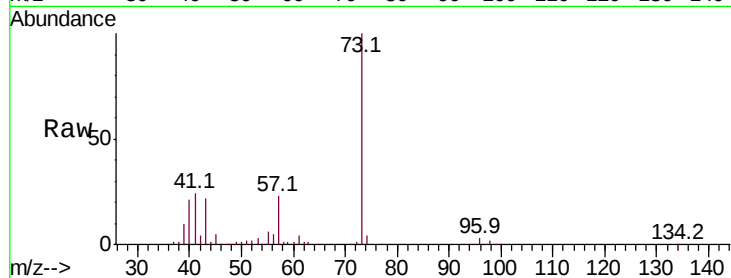
Methyl tert-butyl Ether
 Concen: 19.372 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBS01

Tot Ion: 73 Resp: 163760
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.2 27.4

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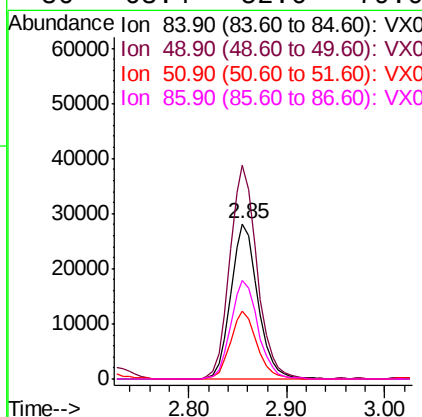
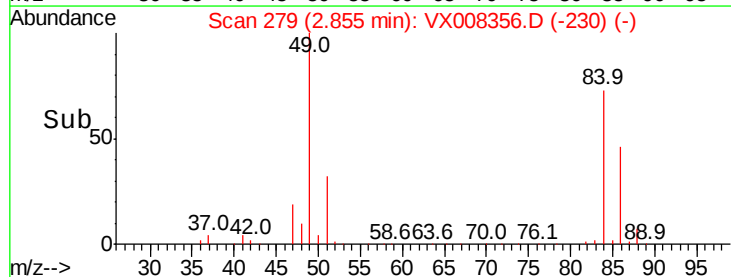
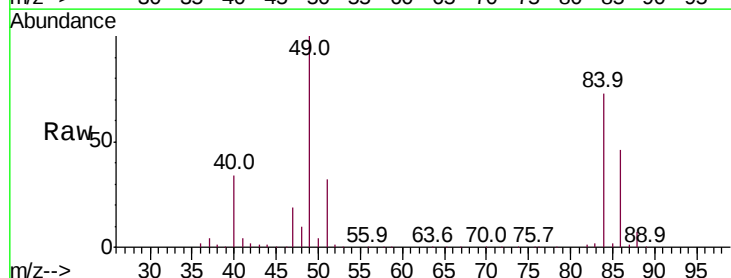
MMDadoda
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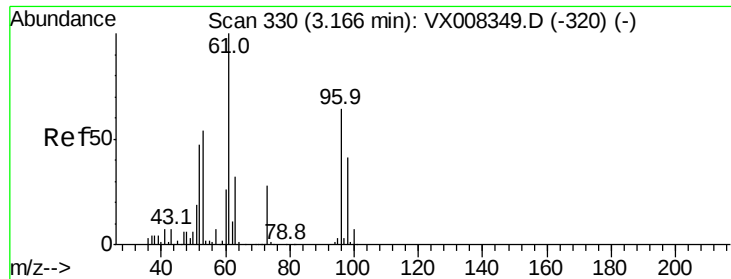


#20

Methylene Chloride
 Concen: 18.968 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Tgt Ion: 84 Resp: 53643
 Ion Ratio Lower Upper
 84 100
 49 137.2 99.3 148.9
 51 43.4 31.3 46.9
 86 63.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 18.500 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

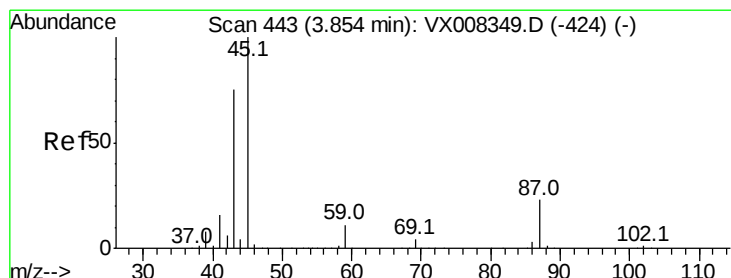
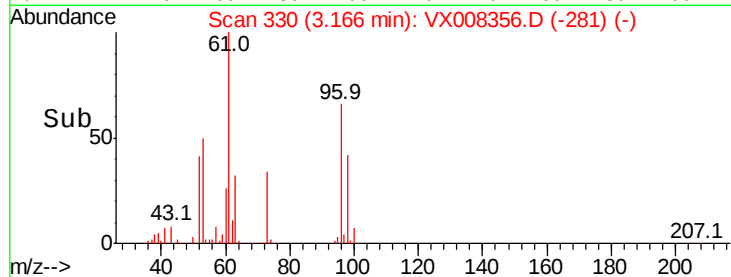
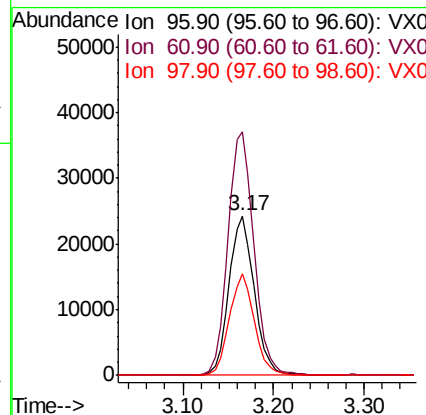
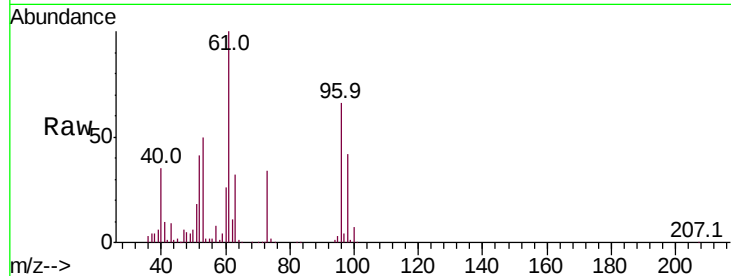
ClientSampled :

VX0323WBS01

Tot Ion:	96	Resp:	47017
Ion	Ratio	Lower	Upper
96	100		
61	152.2	114.4	171.6
98	63.9	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.442 ug/l

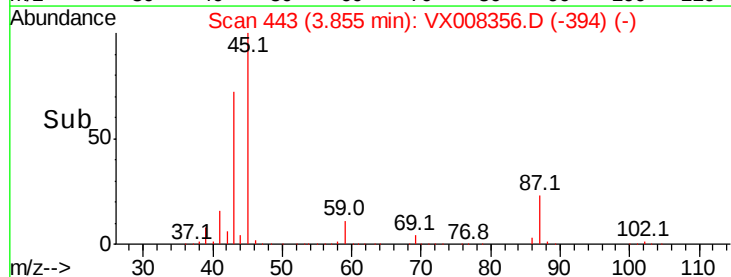
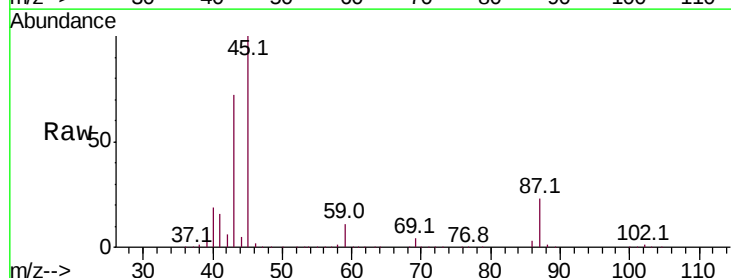
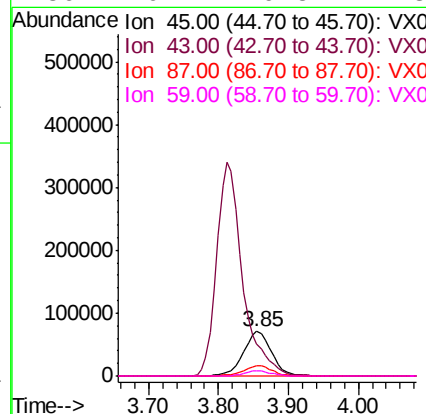
RT: 3.85 min Scan# 443

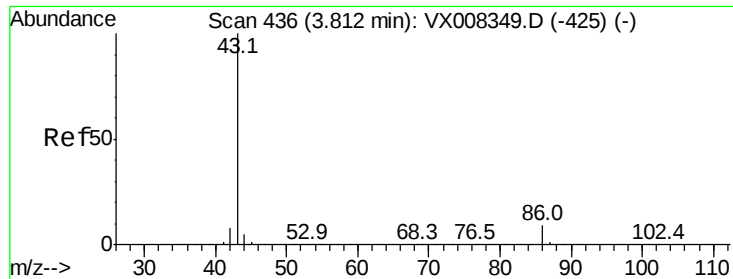
Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Tgt Ion:	45	Resp:	196552
Ion	Ratio	Lower	Upper
45	100		
43	70.9	45.3	67.9#
87	23.0	21.4	32.0
59	10.7	9.5	14.3





#23

Vinyl Acetate

Concen: 98.223 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion: 43 Resp: 876743

Ion Ratio Lower Upper

43 100

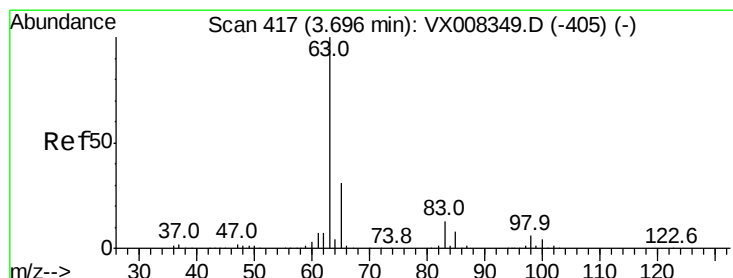
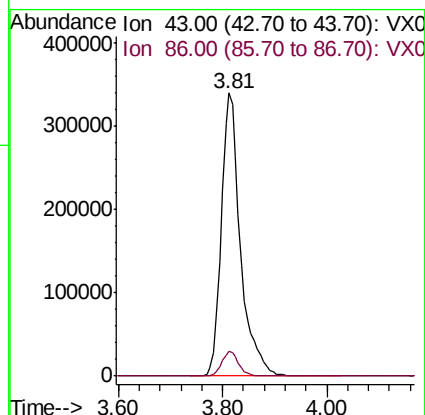
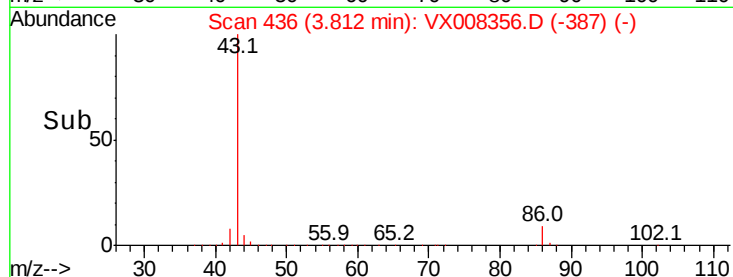
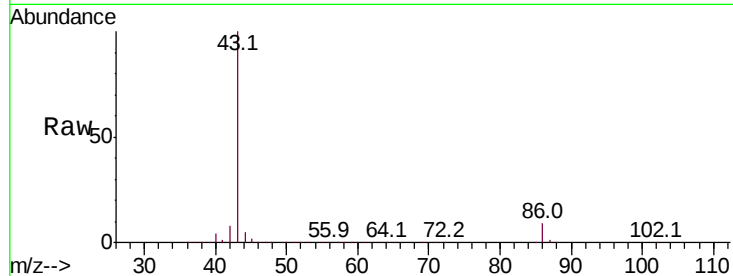
86 8.9 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.030 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

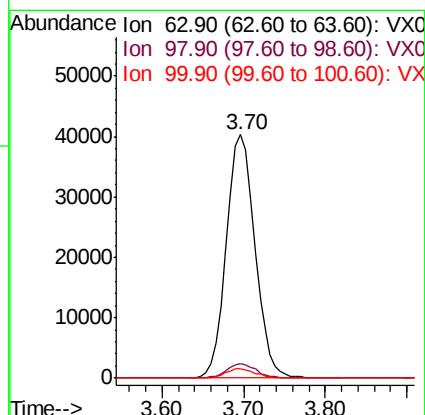
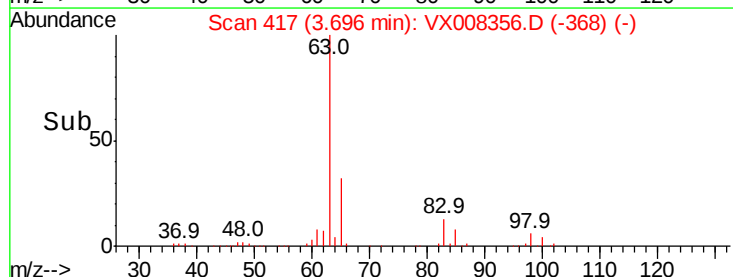
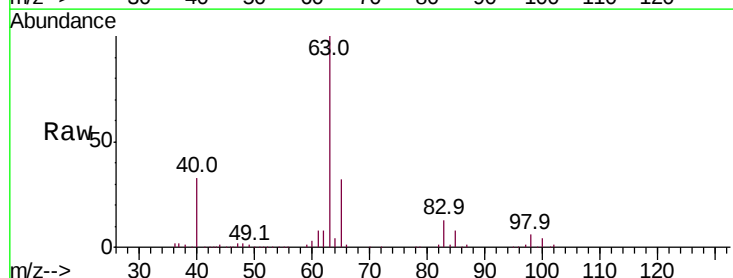
Tgt Ion: 63 Resp: 98087

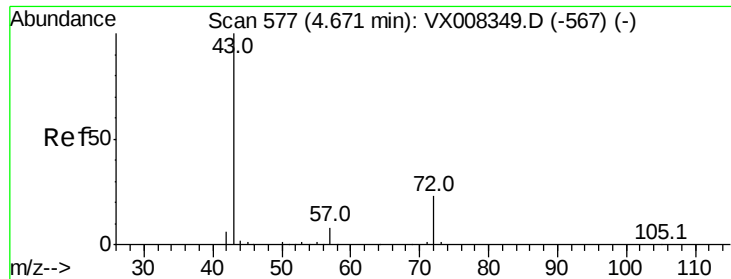
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

100 3.8 2.3 6.8





#25

2-Butanone

Concen: 97.325 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion: 43 Resp: 251762

Ion Ratio Lower Upper

43 100

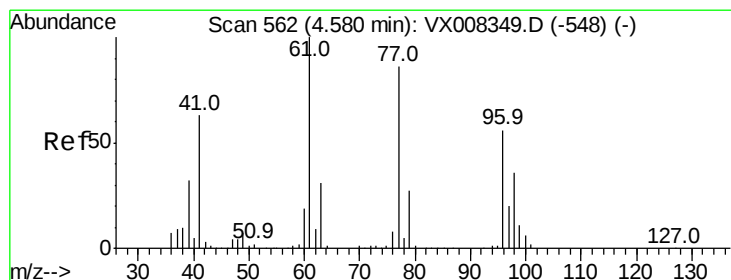
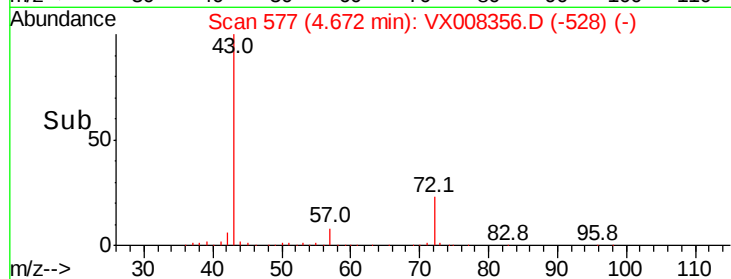
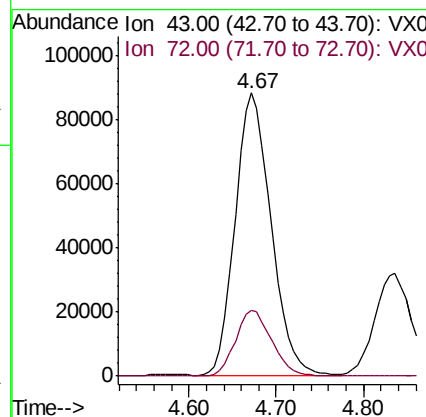
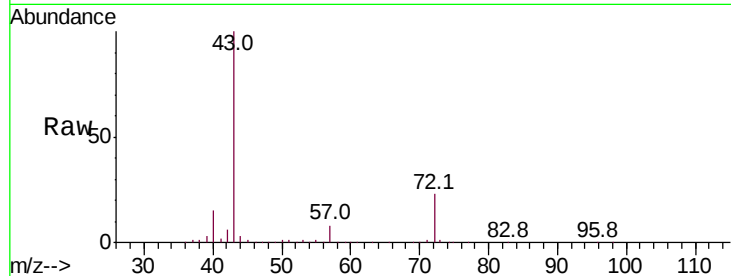
72 23.1 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.847 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX008356.D

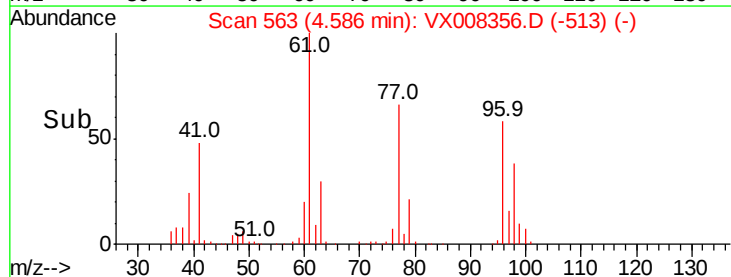
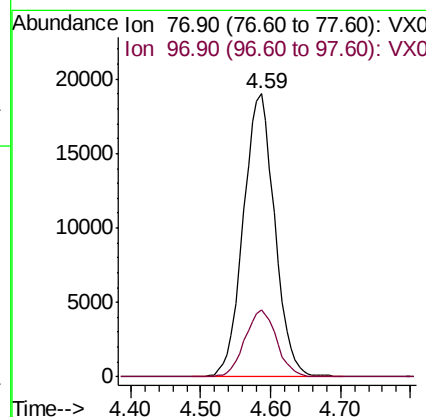
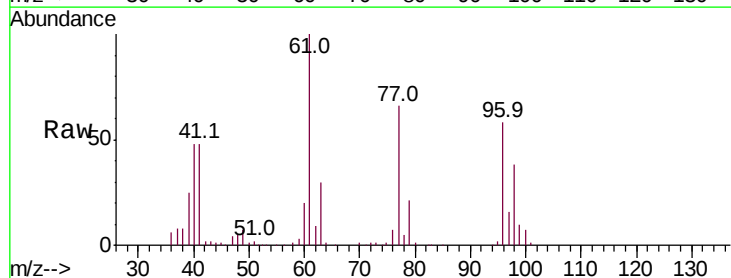
Acq: 23 Mar 2019 17:46

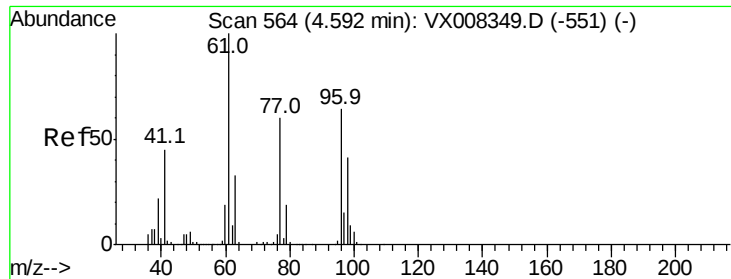
Tgt Ion: 77 Resp: 59269

Ion Ratio Lower Upper

77 100

97 23.9 12.2 36.6





#27

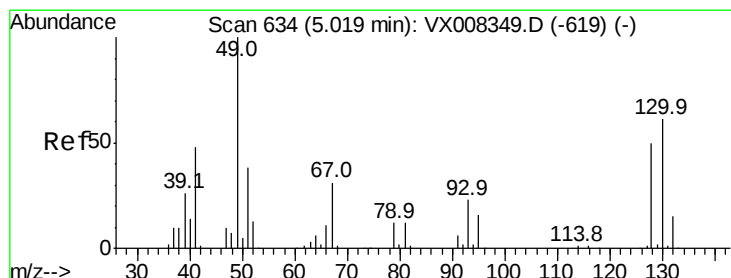
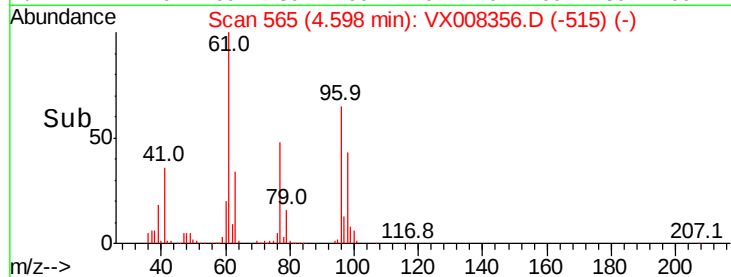
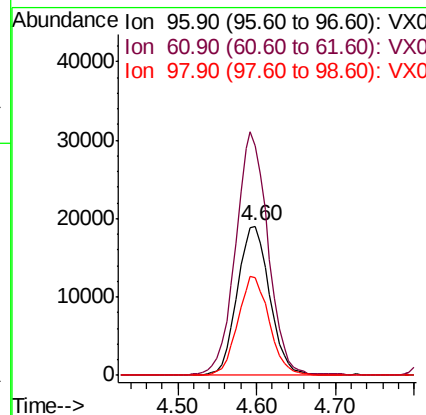
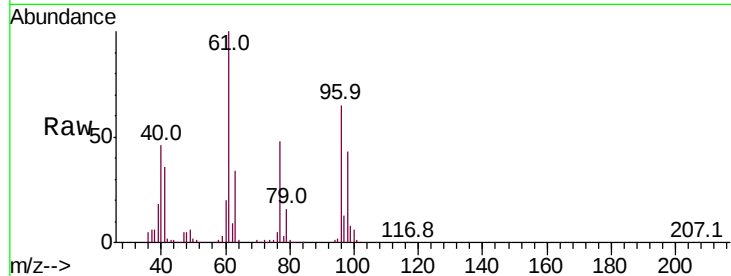
cis-1,2-Dichloroethene
 Concen: 18.709 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.9	0.0	288.0
98	64.7	0.0	129.0

Manual Integrations
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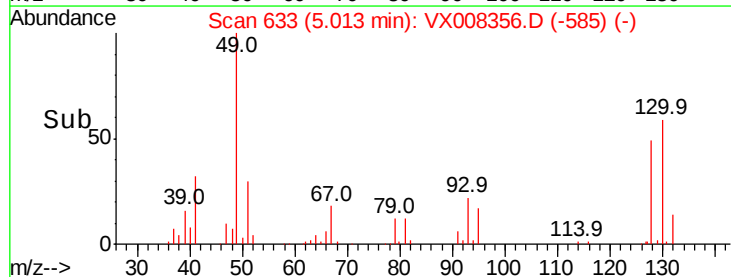
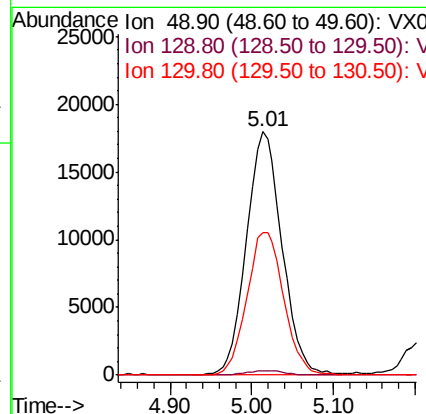
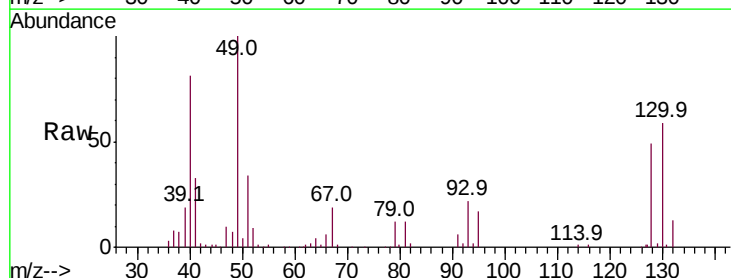
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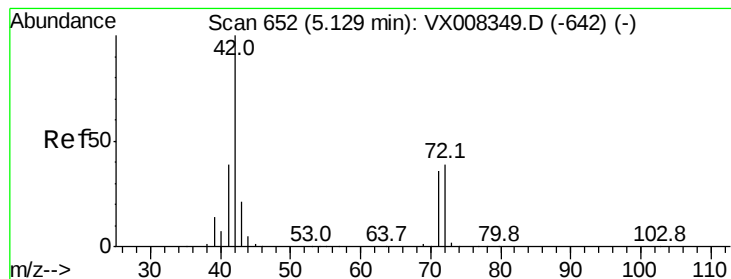


#28

Bromochloromethane
 Concen: 21.198 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	60.8	65.0	97.4#





#29

Tetrahydrofuran

Concen: 97.543 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

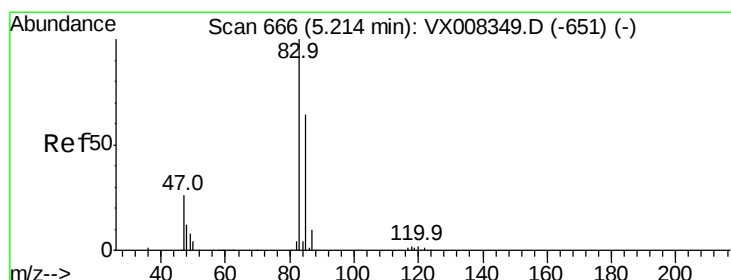
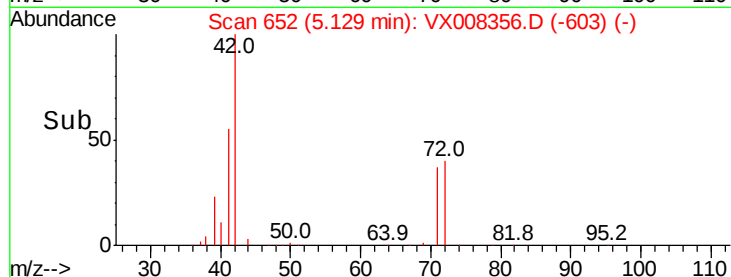
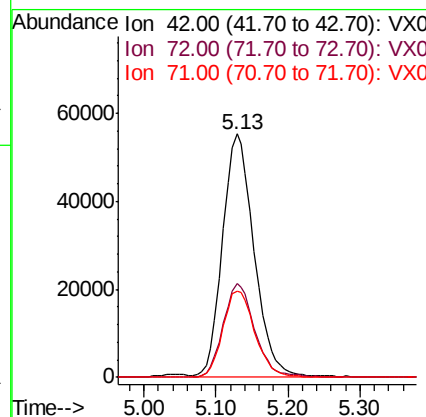
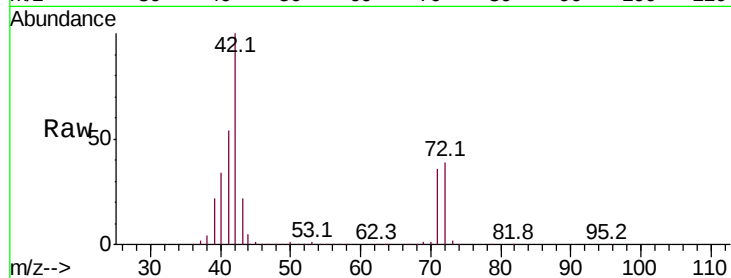
ClientSampleId :

VX0323WBS01

Tot Ion:	42	Resp:	167540
Ion Ratio	Lower	Upper	
42	100		
72	39.0	33.8	50.6
71	36.3	31.5	47.3

Manual Integrations
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#30

Chloroform

Concen: 19.032 ug/l

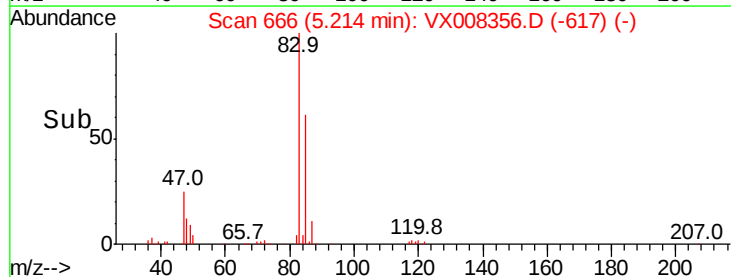
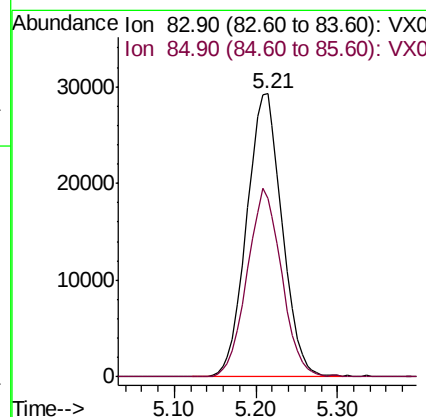
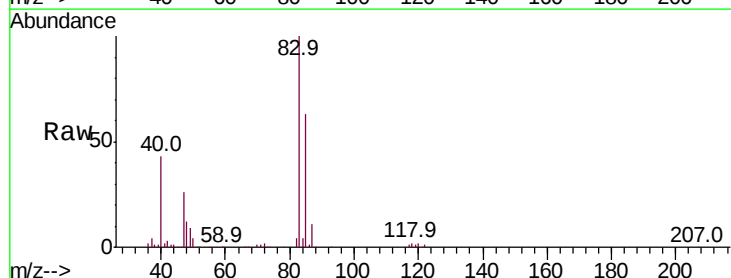
RT: 5.21 min Scan# 666

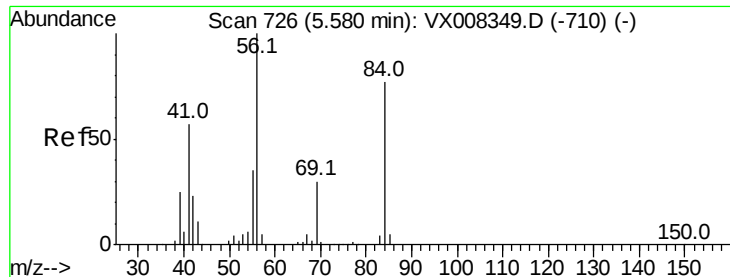
Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Tgt Ion:	83	Resp:	88446
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.8	77.6





#31

Cyclohexane

Concen: 18.868 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion: 56 Resp: 93259

Ion Ratio Lower Upper

56 100

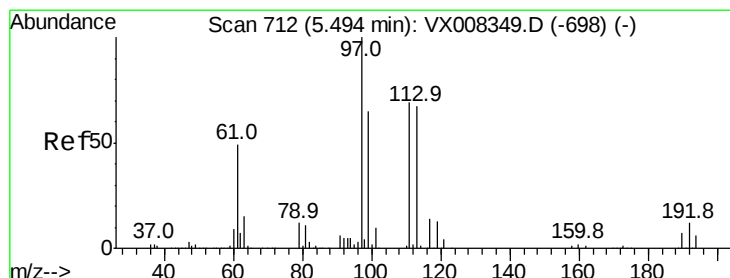
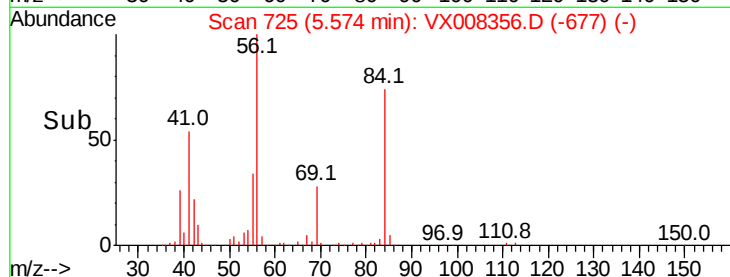
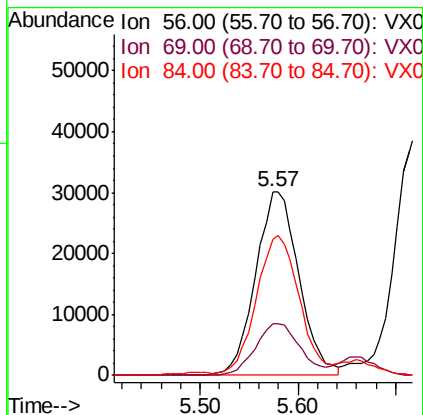
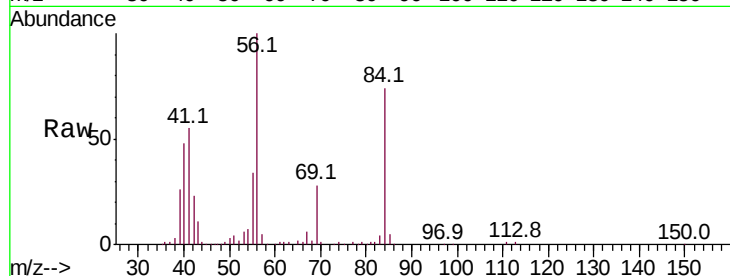
69 28.1 24.0 36.0

84 72.7 65.3 97.9

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#32

1,1,1-Trichloroethane

Concen: 18.763 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

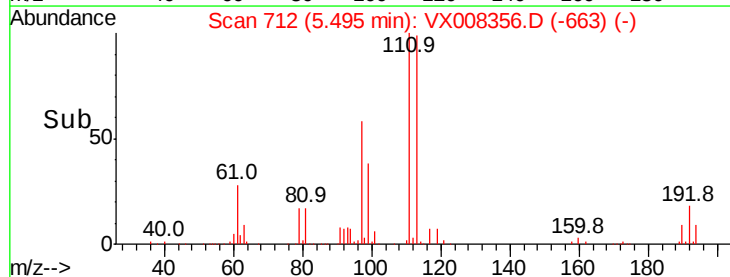
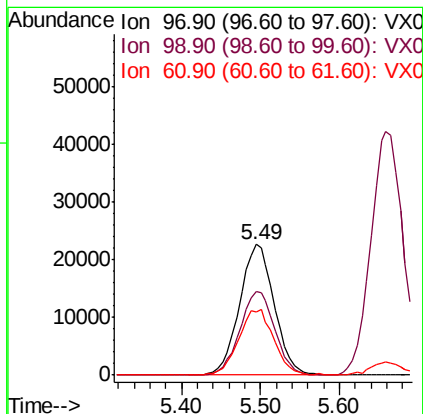
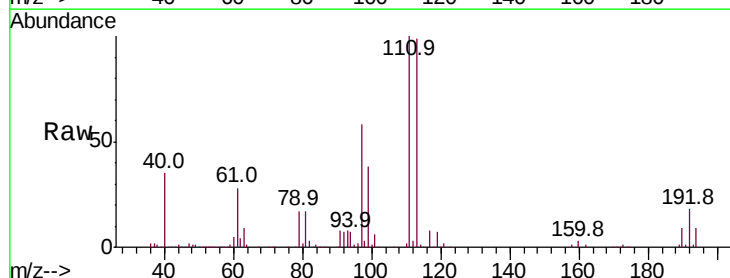
Tgt Ion: 97 Resp: 68985

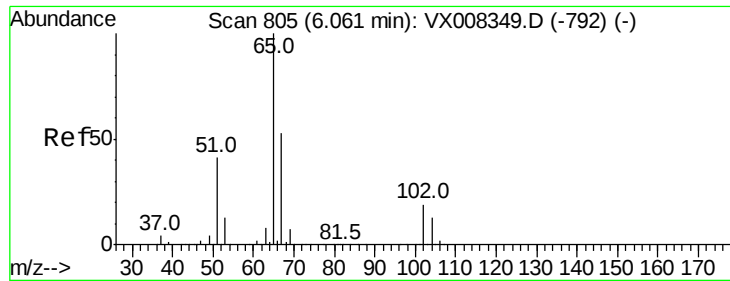
Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.2

61 51.3 34.9 52.3





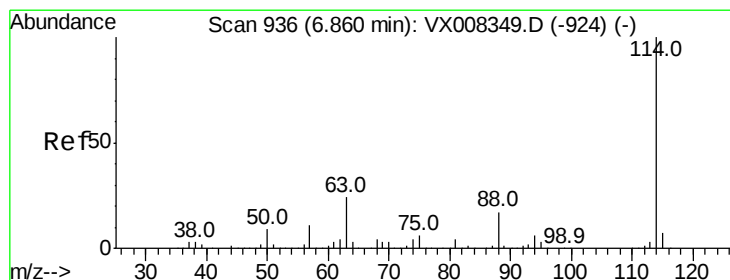
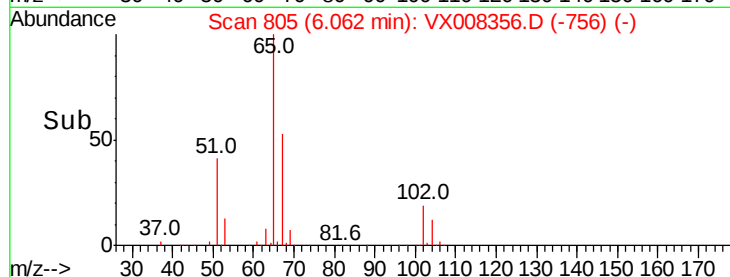
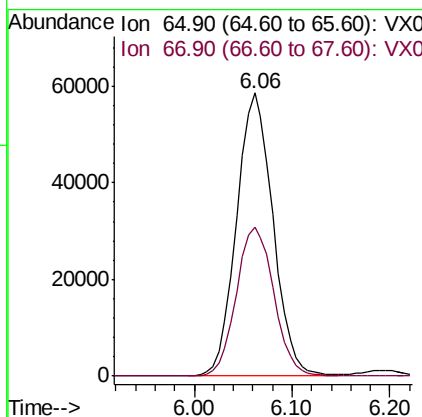
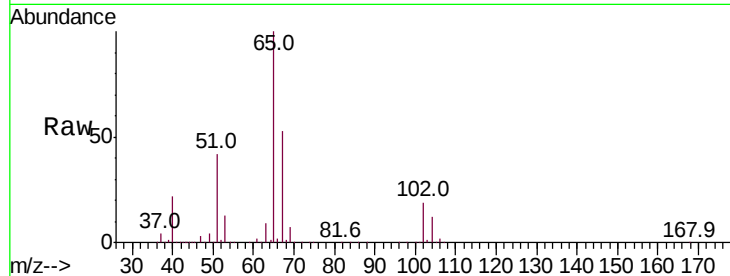
#33
 1,2-Dichloroethane-d4
 Concen: 48.263 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.0

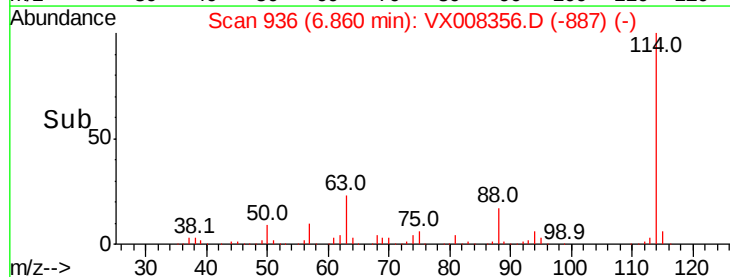
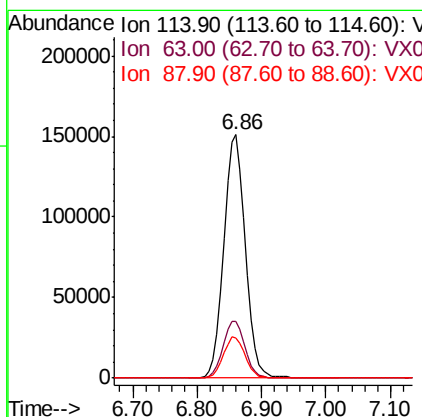
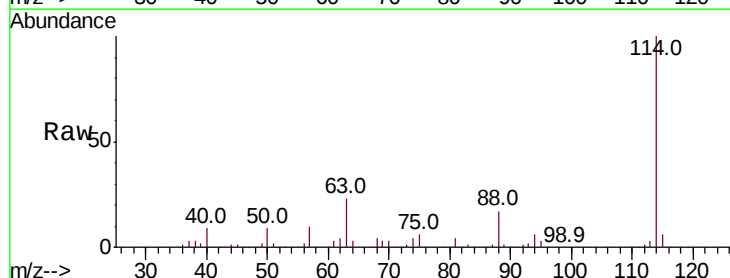
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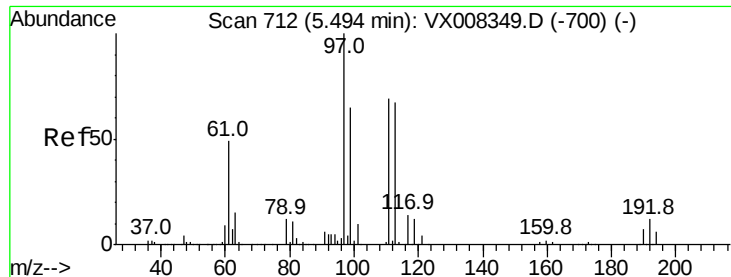
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	39.8
88	16.7	0.0	31.4





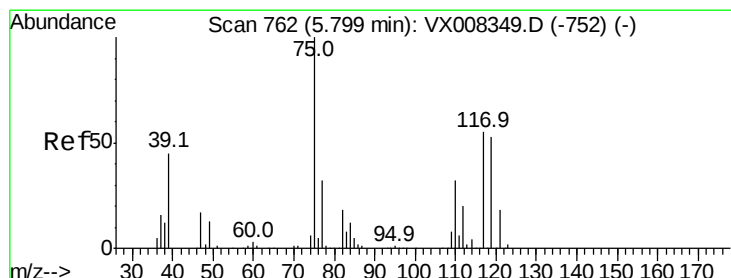
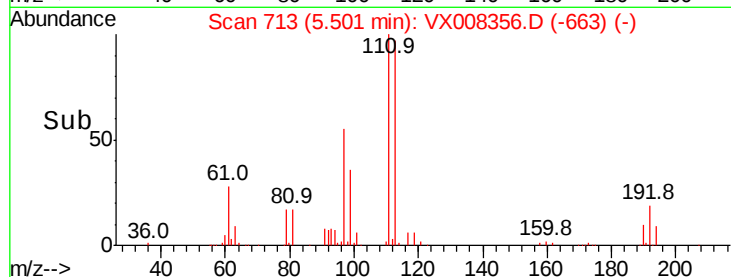
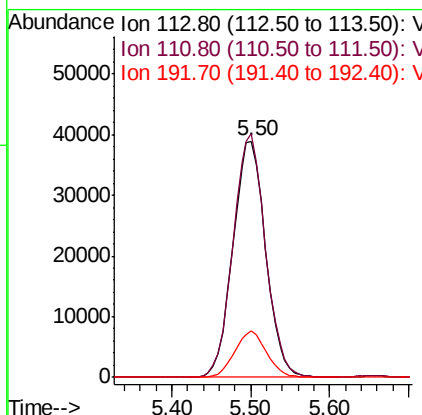
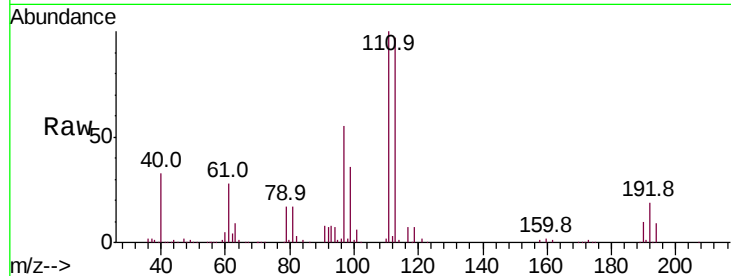
#35
 Dibromofluoromethane
 Concen: 48.614 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112679		
111	101.6	81.4	122.0	
192	19.1	19.4	29.0	

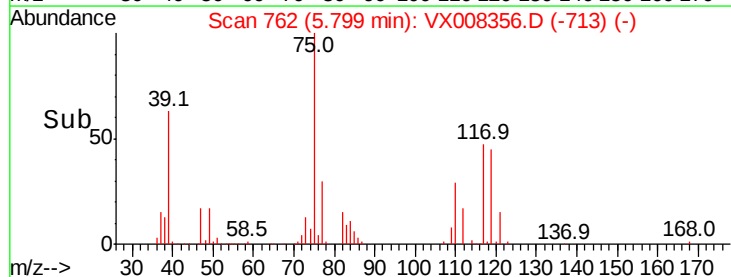
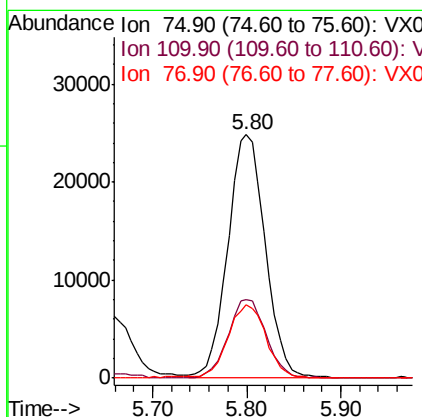
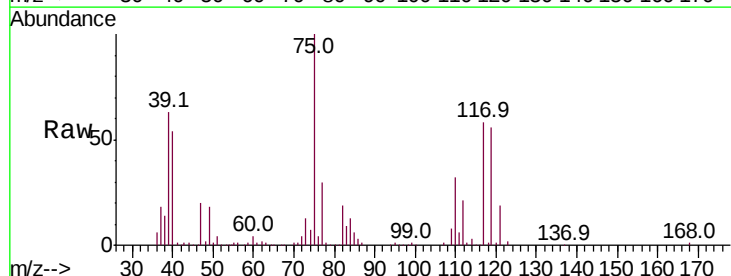
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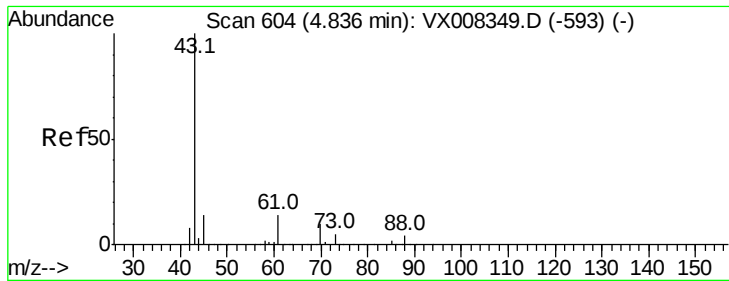
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#36
 1,1-Dichloropropene
 Concen: 18.706 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68384		
110	33.1	18.4	55.0	
77	30.4	25.0	37.4	





#37

Ethyl Acetate

Concen: 19.060 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX008356.D

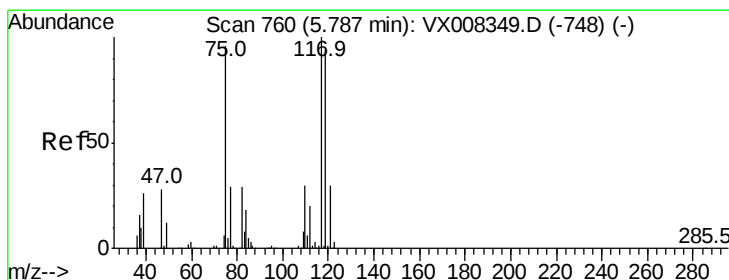
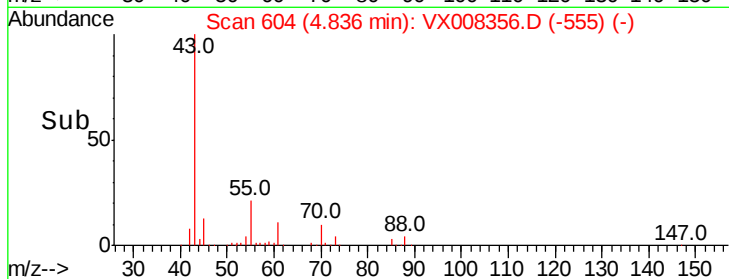
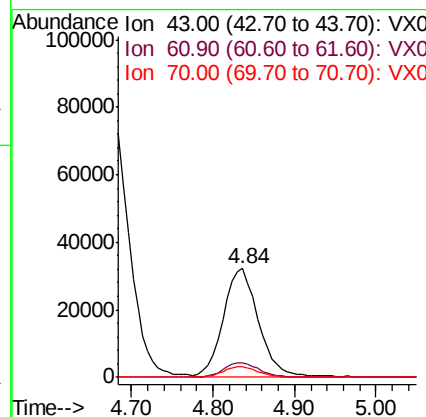
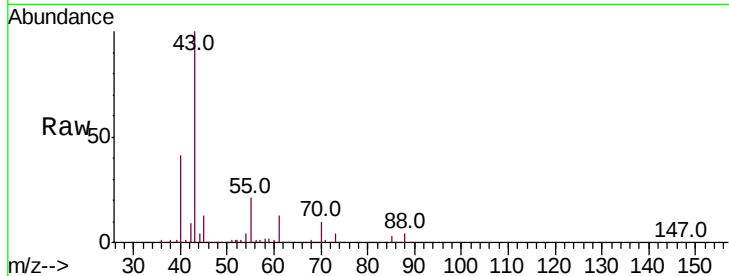
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	10.1	8.5	12.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 18.295 ug/l

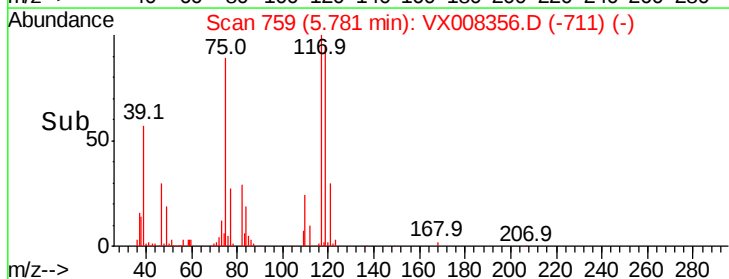
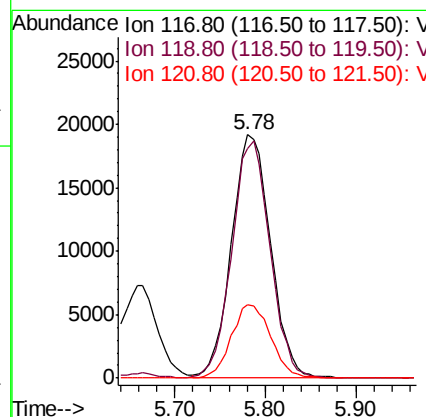
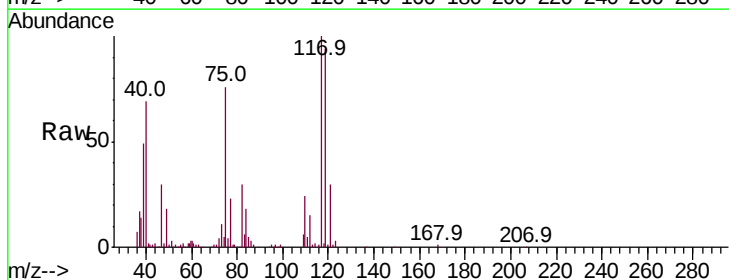
RT: 5.78 min Scan# 759

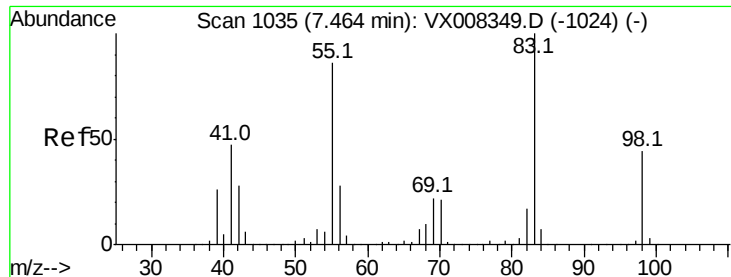
Delta R.T. -0.01 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.2	114.2
121	30.0	24.6	36.8





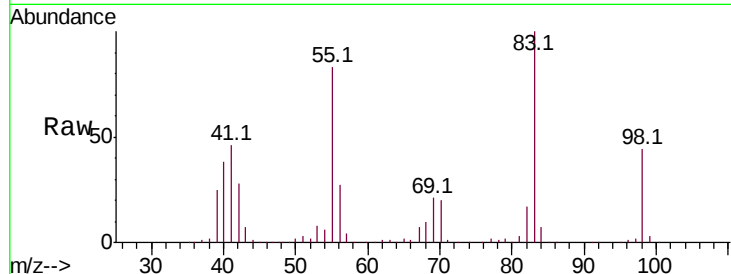
#39
Methylvlcvclohexane
Concen: 18.504 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	60.4	90.6
98	44.1	36.5	54.7

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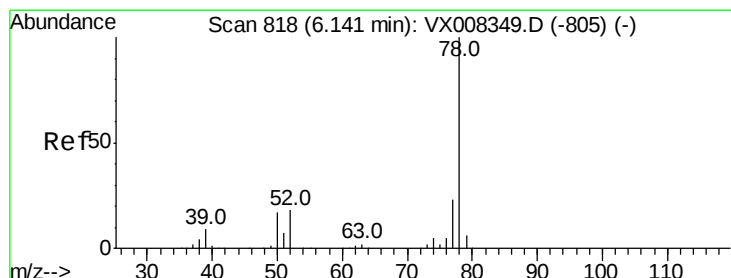
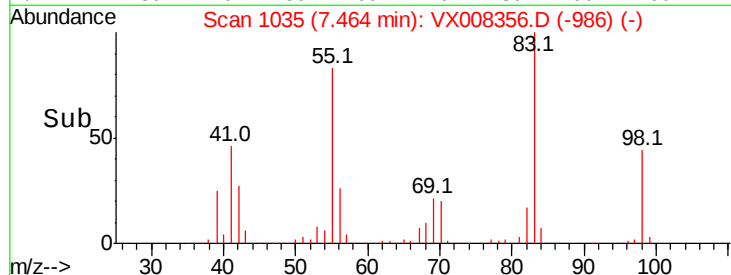
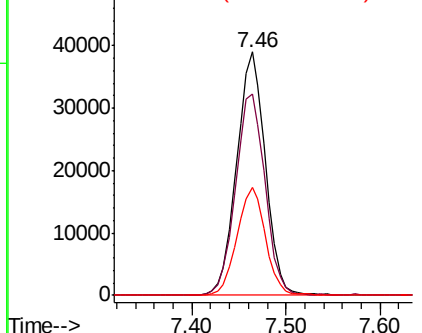


Abundance

Ion 83.00 (82.70 to 83.70): VX0

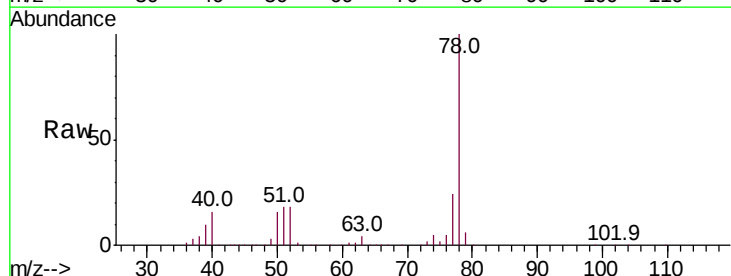
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 19.003 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

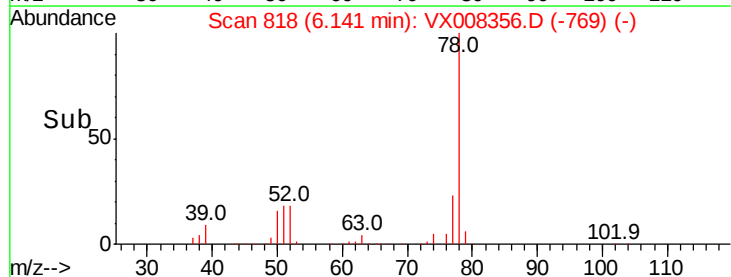
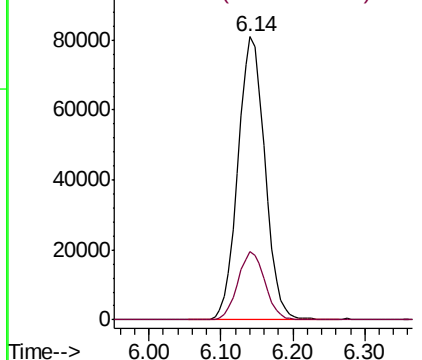
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4

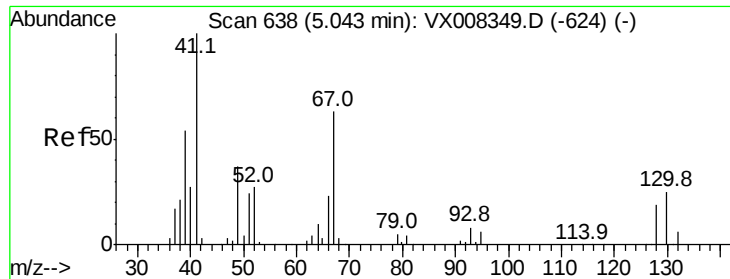


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.626 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

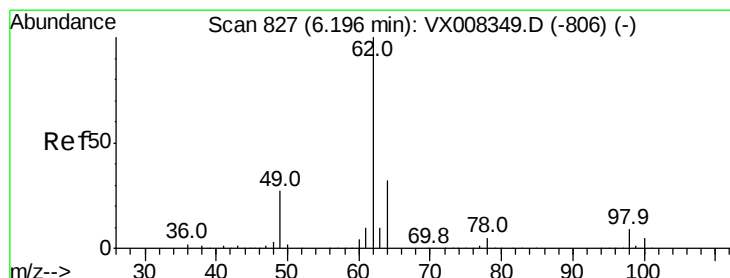
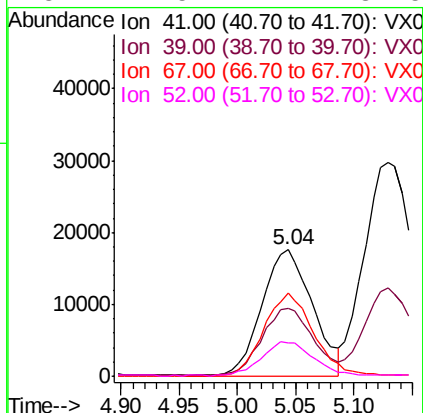
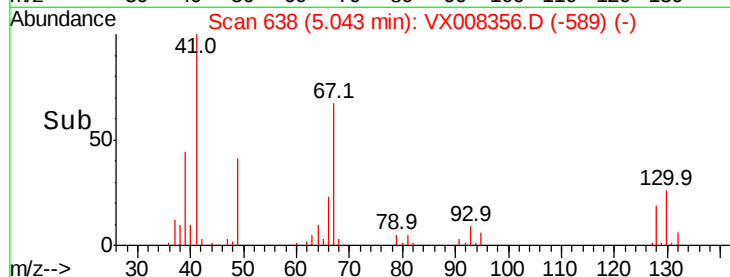
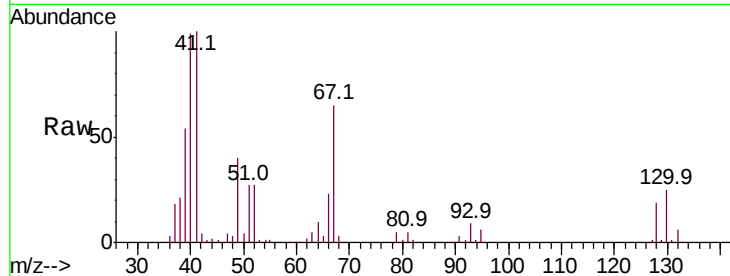
ClientSampleId :

VX0323WBS01

Tot Ion:	41	Resp:	52927
Ion	Ratio	Lower	Upper
41	100		
39	54.0	41.6	62.4
67	65.5	55.8	83.6
52	27.5	21.7	32.5

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.848 ug/l

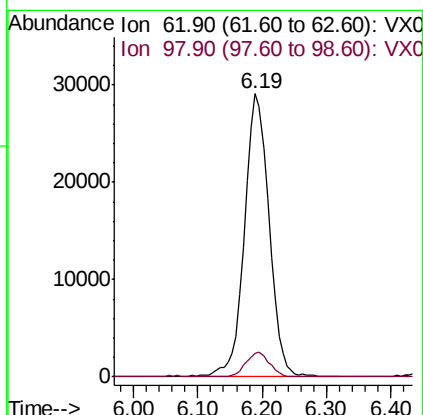
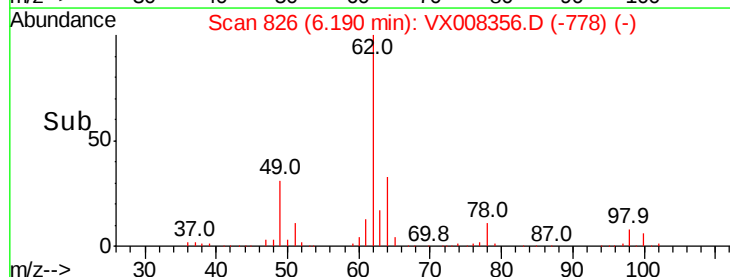
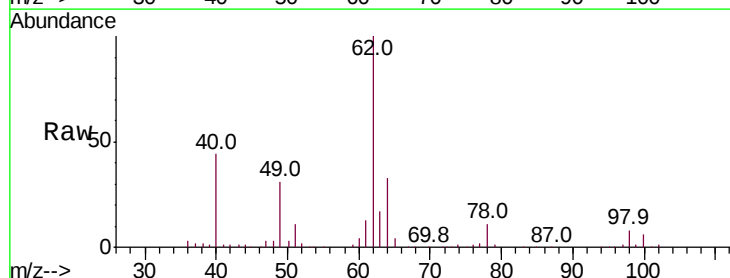
RT: 6.19 min Scan# 826

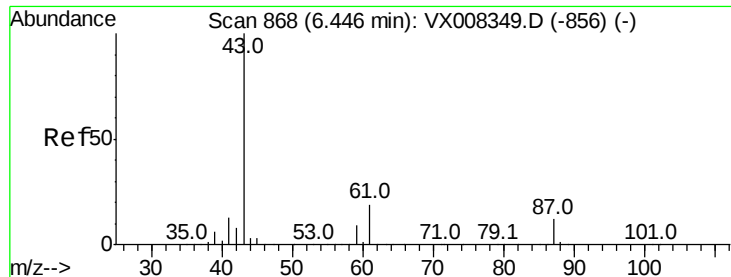
Delta R.T. -0.01 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Tgt Ion:	62	Resp:	76148
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	20.4





#43

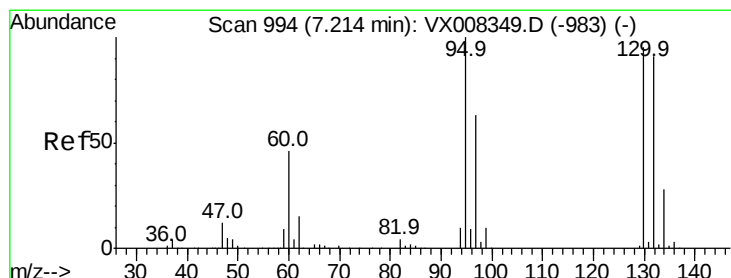
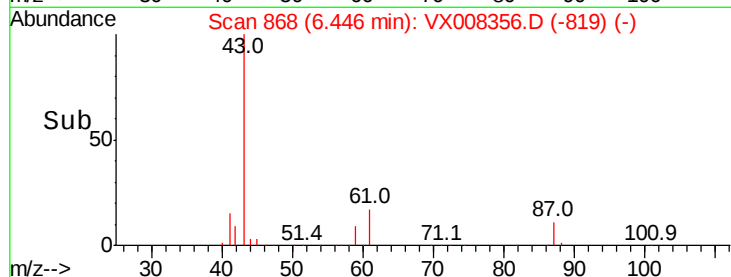
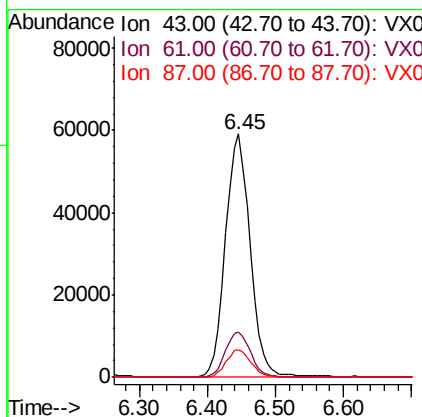
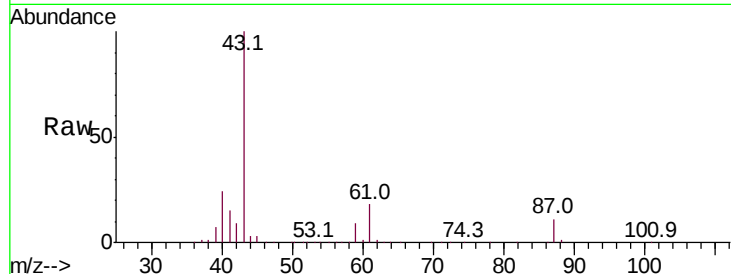
Isopropyl Acetate
 Concen: 19.296 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	16.3	24.5
87	11.4	10.5	15.7

Manual Integrations
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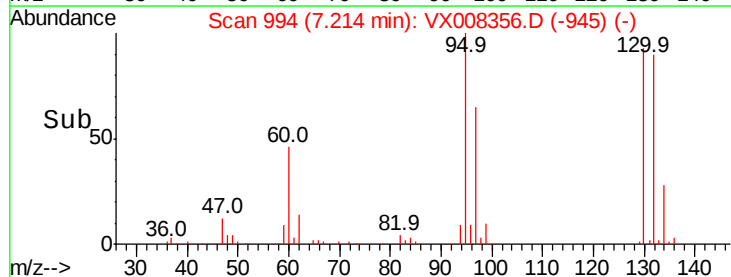
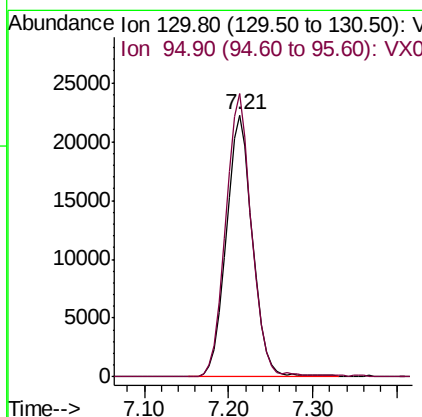
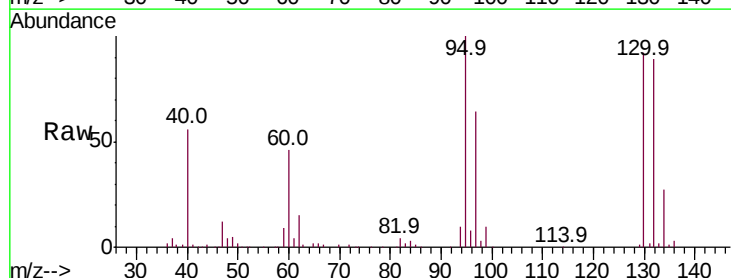
MMDadoda
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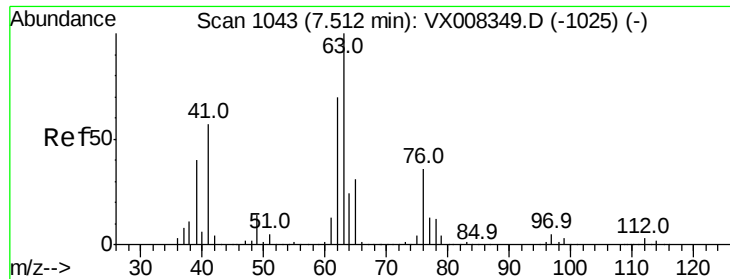


#44

Trichloroethene
 Concen: 18.214 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	188.0





#45

1,2-Dichloropropane

Concen: 19.143 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion: 63 Resp: 60334

Ion Ratio Lower Upper

63 100

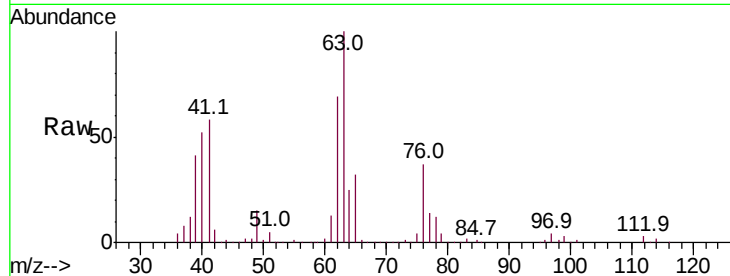
65 31.9 24.7 37.1

Manual Integrations

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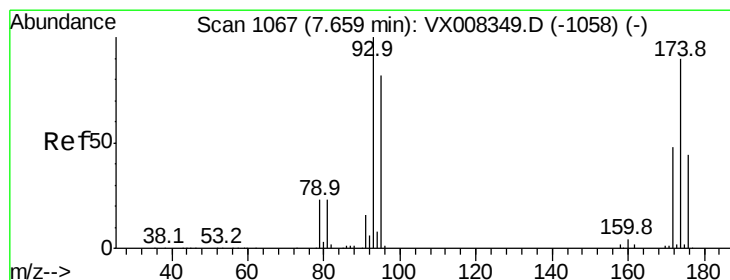
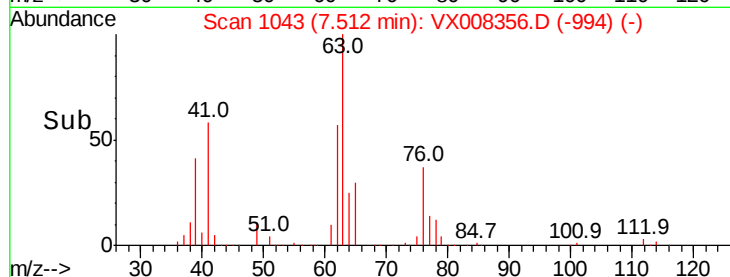
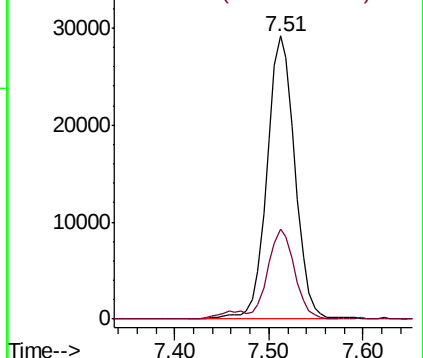
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.423 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

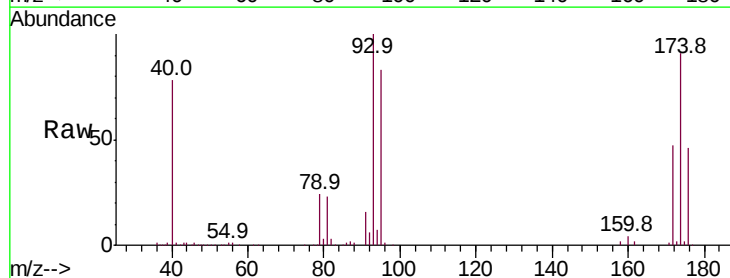
Tgt Ion: 93 Resp: 34458

Ion Ratio Lower Upper

93 100

95 82.8 66.8 100.2

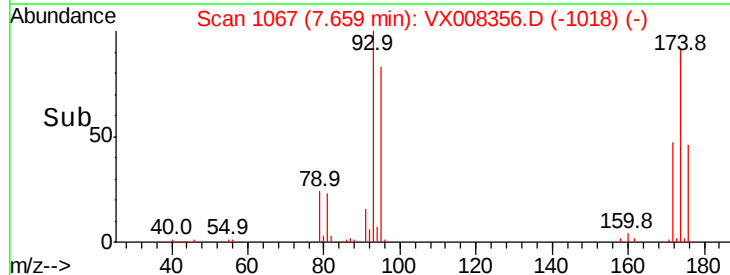
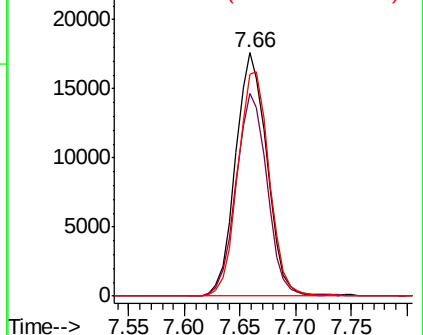
174 92.1 97.3 145.9#

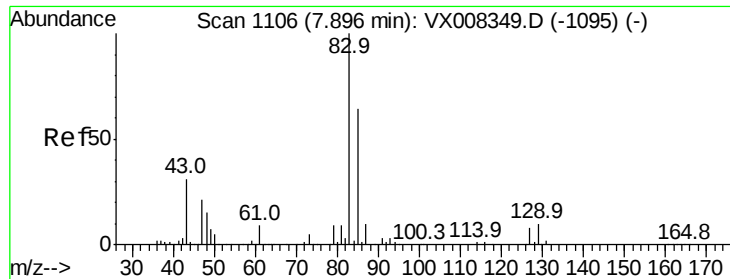


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.756 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

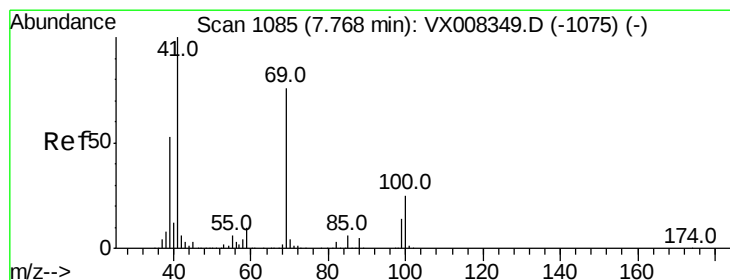
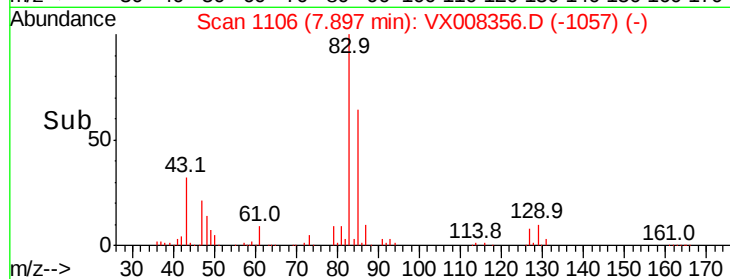
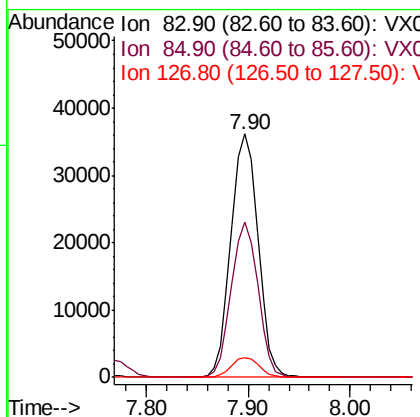
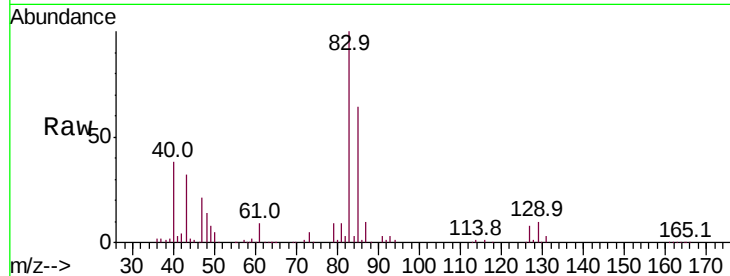
ClientSampleId :

VX0323WBS01

Tot Ion:	83	Resp:	66915
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.9	76.3
127	8.3	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.139 ug/l

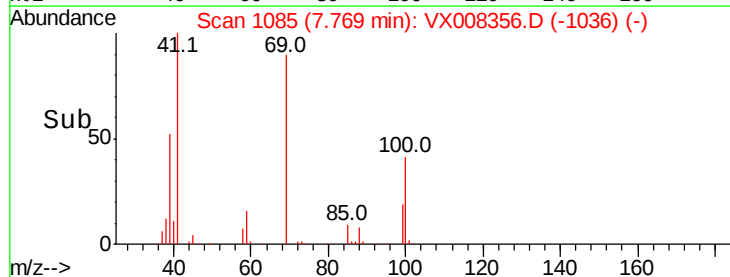
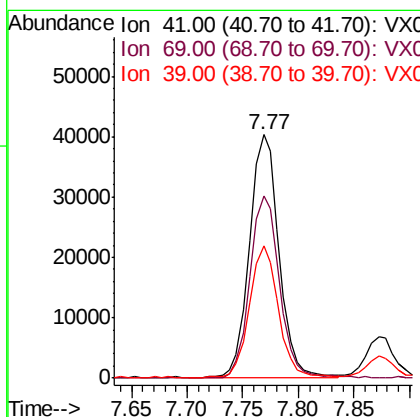
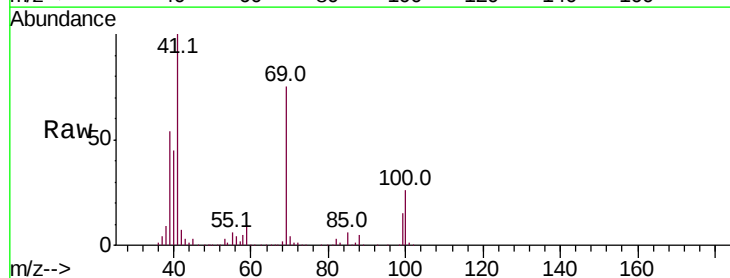
RT: 7.77 min Scan# 1085

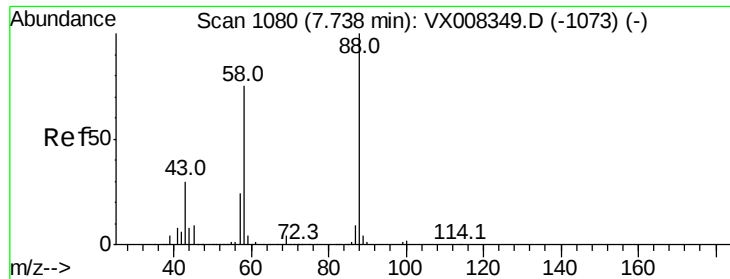
Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Tgt Ion:	41	Resp:	74403
Ion Ratio	Lower	Upper	
41	100		
69	76.2	65.2	97.8
39	53.2	39.4	59.2





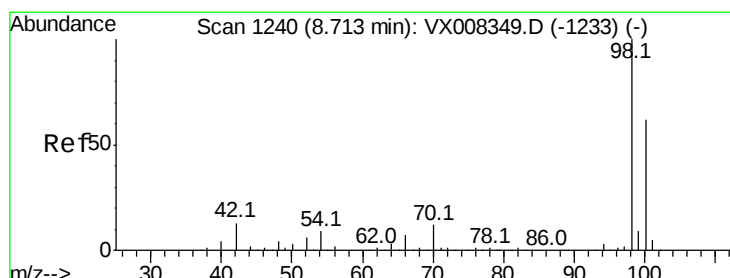
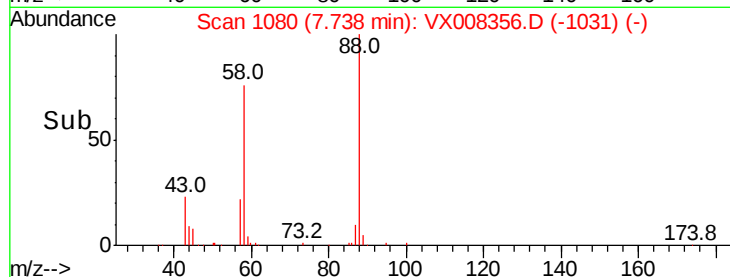
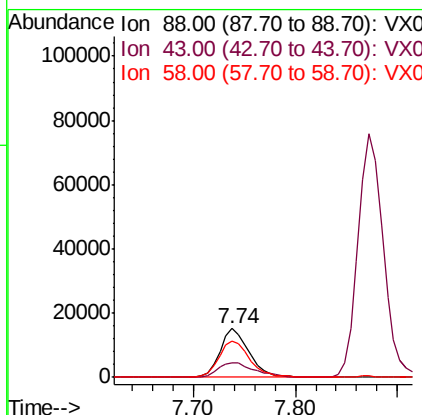
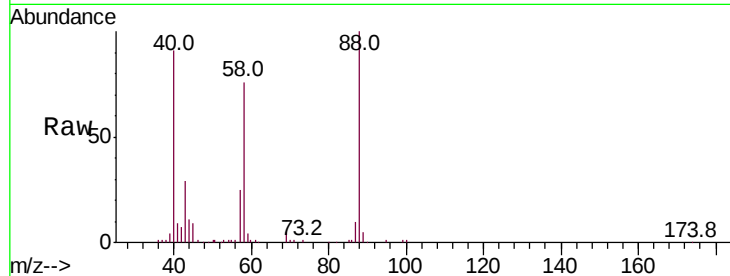
#49
1,4-Dioxane
Concen: 384.157 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	25.1	37.7
58	80.5	57.8	86.6

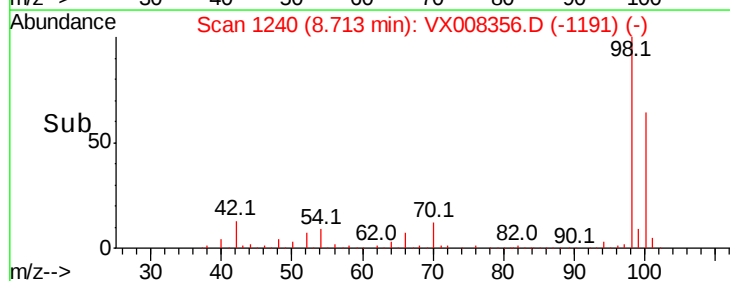
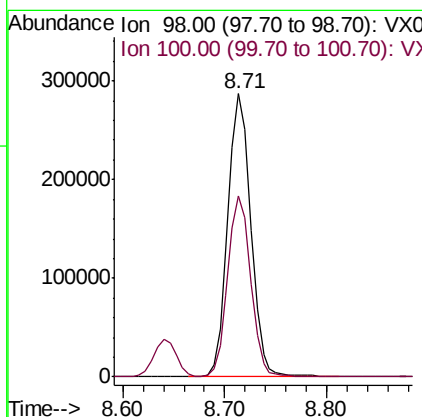
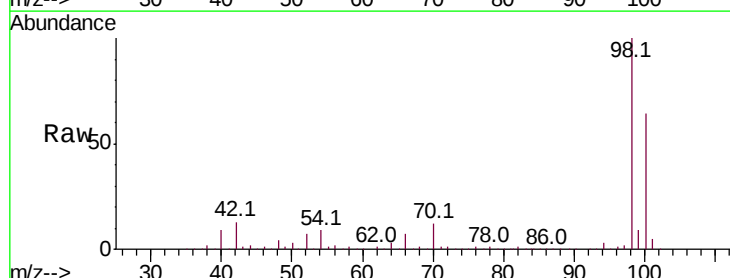
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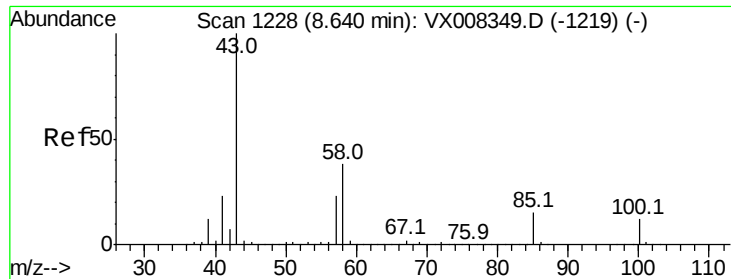
MMDadoda
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#50
Toluene-d8
Concen: 48.855 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5





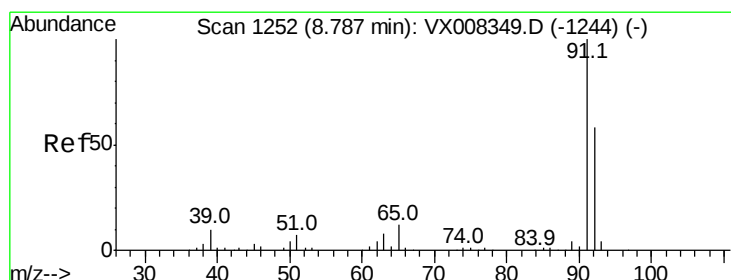
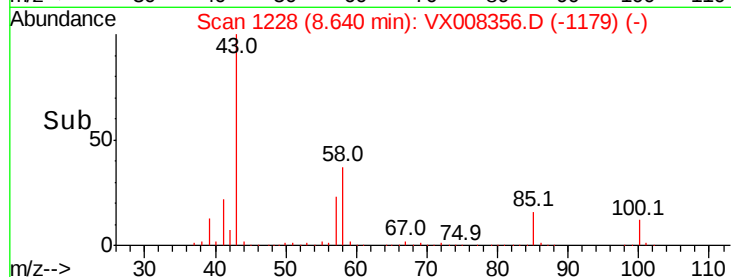
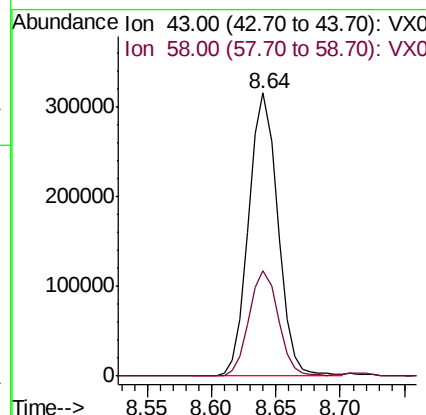
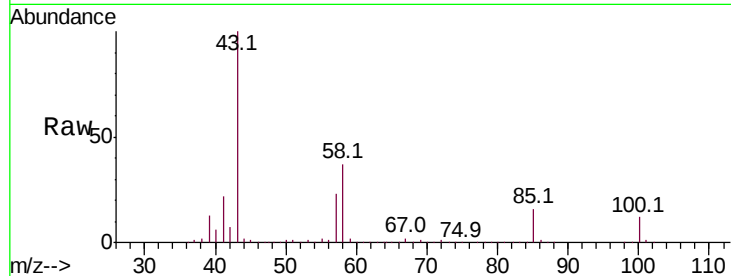
#51
4-Methyl-2-Pentanone
Concen: 97.741 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.3	31.3	46.9

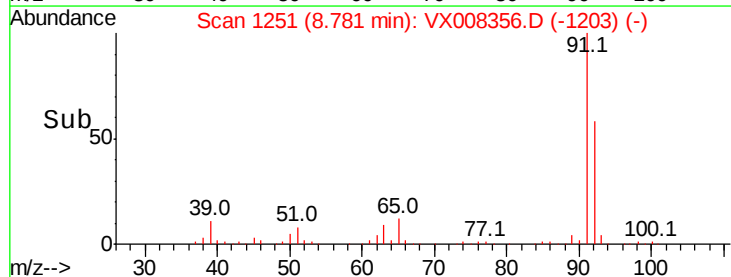
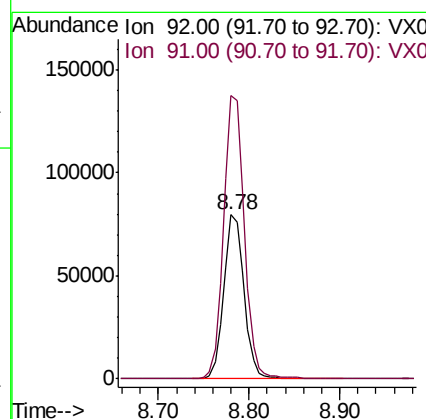
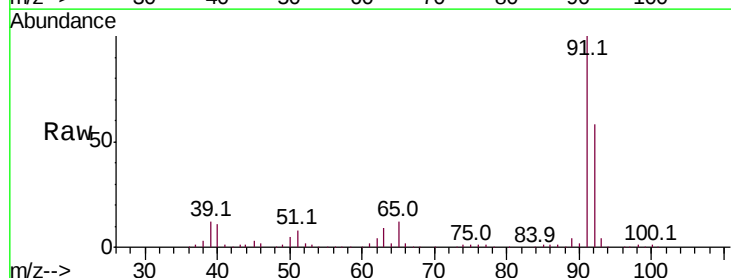
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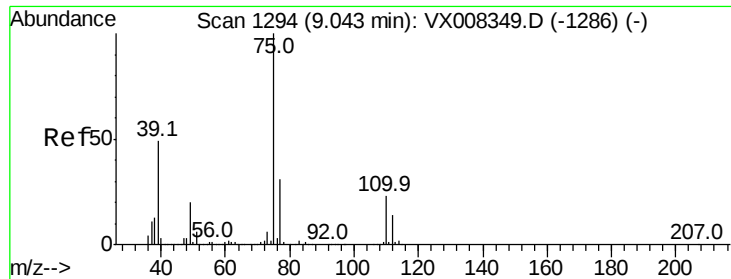
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#52
Toluene
Concen: 19.160 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.8	137.4	206.0





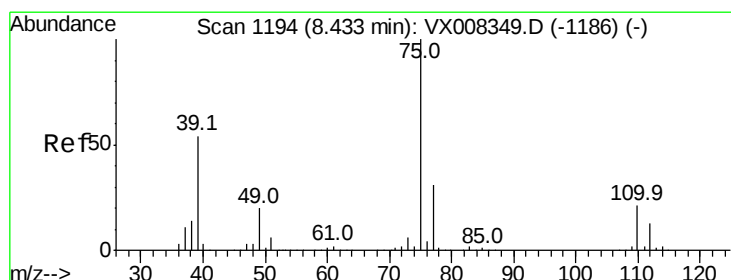
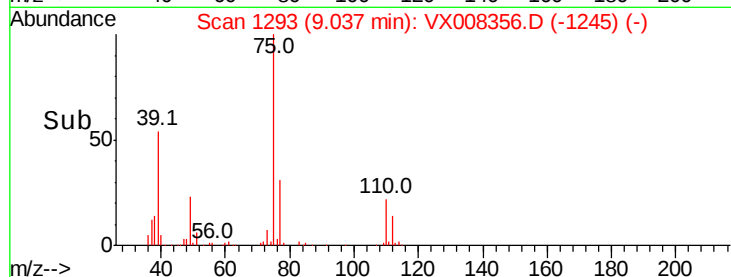
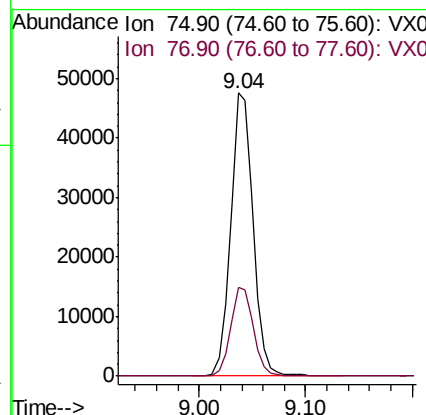
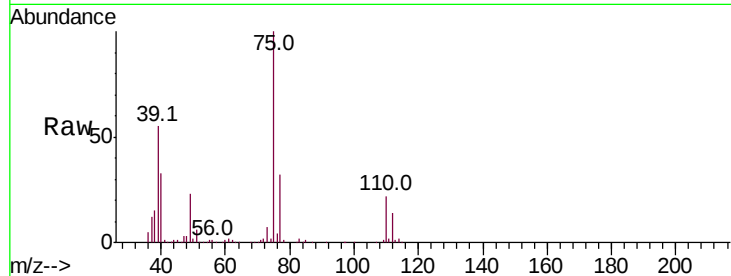
#53
 t-1,3-Dichloropropene
 Concen: 18.243 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0323WBS01

Tot Ion: 75 Resp: 69976
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0

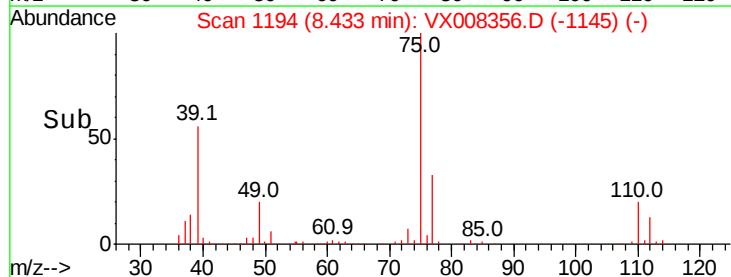
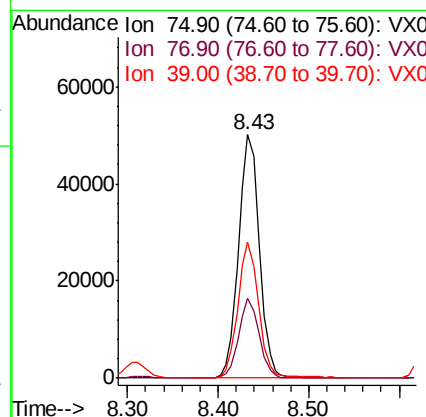
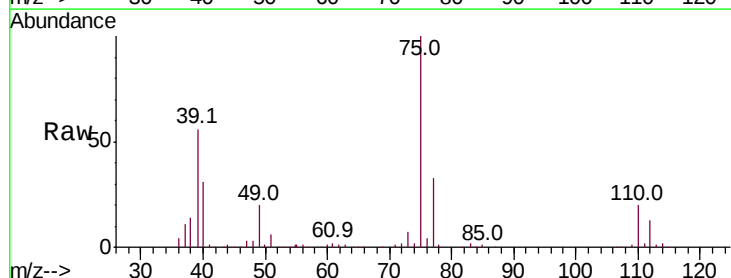
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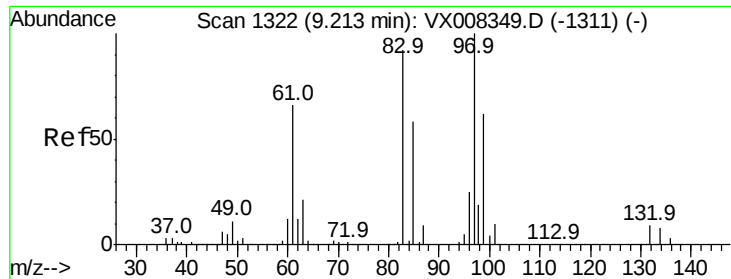
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#54
 cis-1,3-Dichloropropene
 Concen: 18.425 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Tgt Ion: 75 Resp: 80131
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.6
 39 55.5 36.6 54.8#





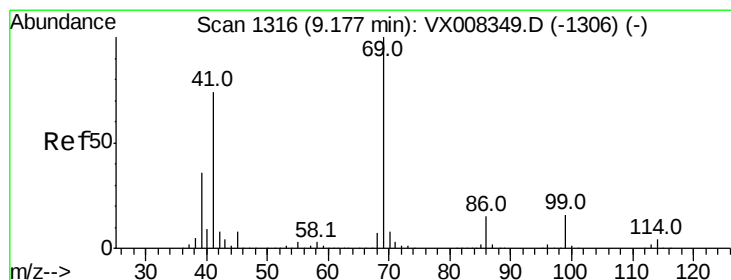
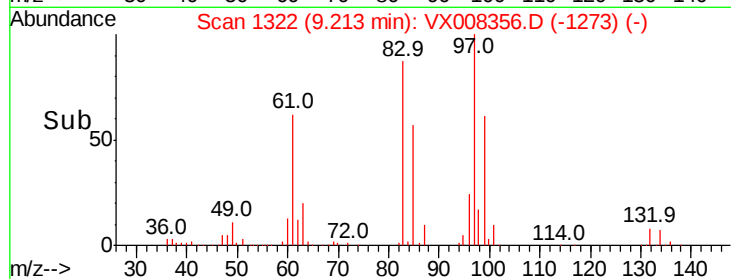
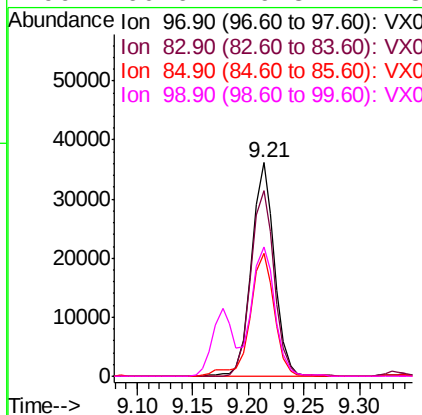
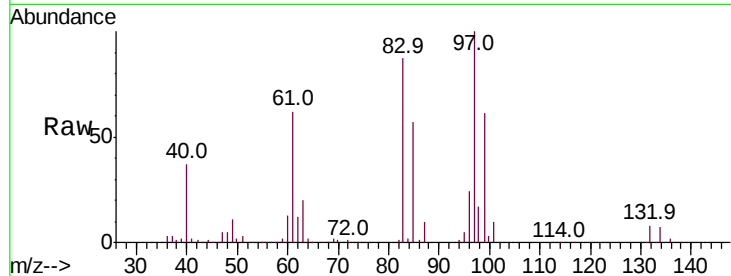
#55
 1,1,2-Trichloroethane
 Concen: 19.108 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBS01

Tot Ion:	97	Resp:	51813
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.1	103.7
85	57.3	44.3	66.5
99	60.6	49.8	74.8

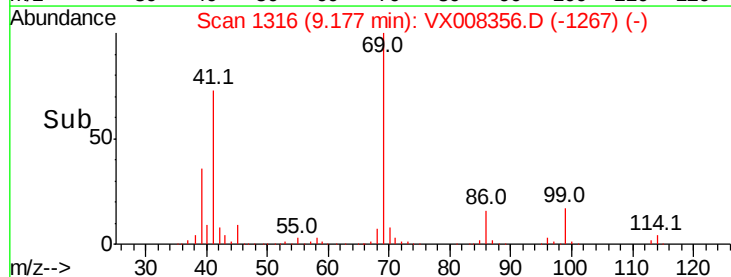
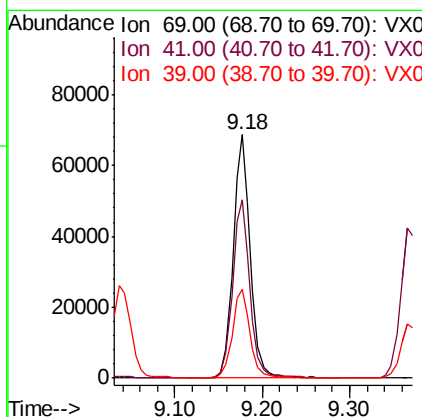
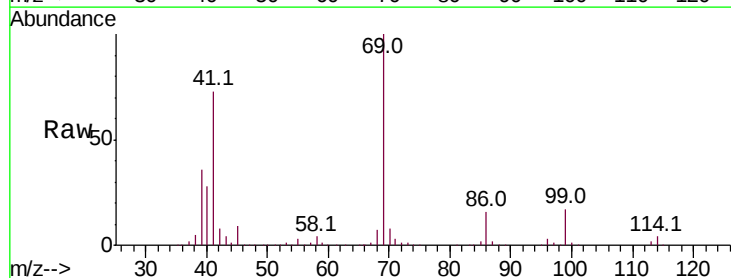
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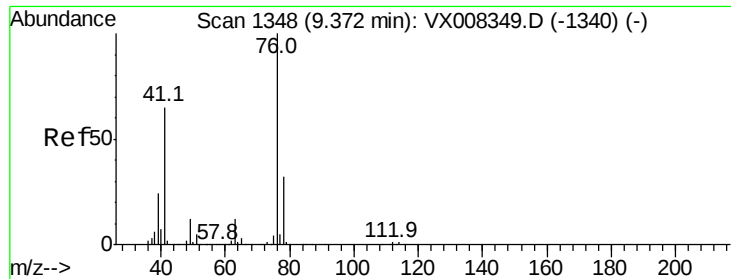
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#56
 Ethyl methacrylate
 Concen: 19.509 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Tgt Ion:	69	Resp:	93653
Ion	Ratio	Lower	Upper
69	100		
41	74.0	54.2	81.4
39	36.5	25.0	37.4





#57

1,3-Dichloropropane

Concen: 19.067 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

VX0323WBS01

Tot Ion: 76 Resp: 92105

Ion Ratio Lower Upper

76 100

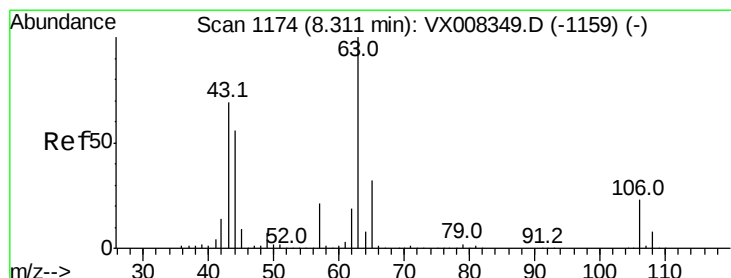
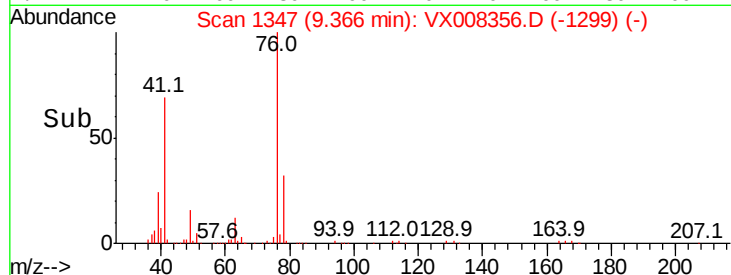
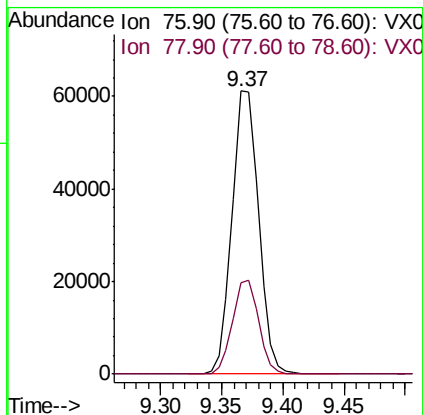
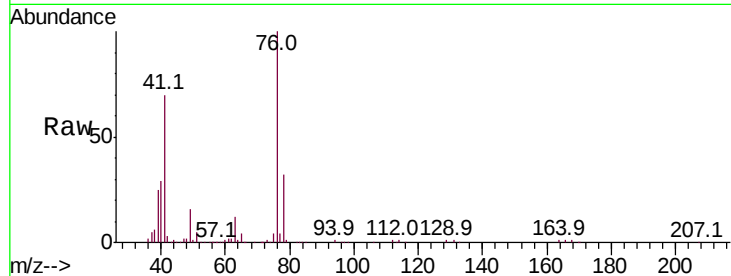
78 32.5 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 96.667 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008356.D

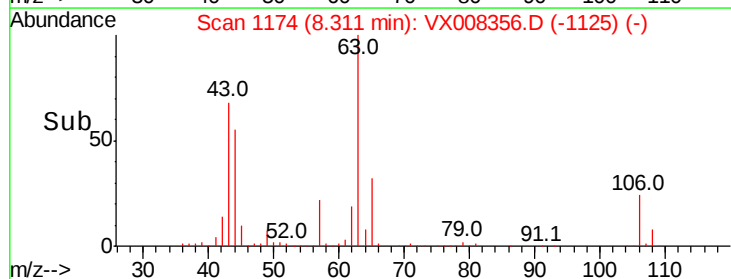
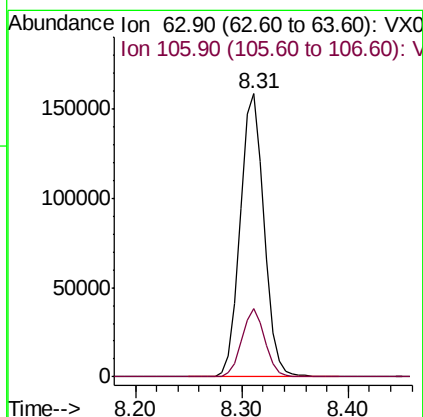
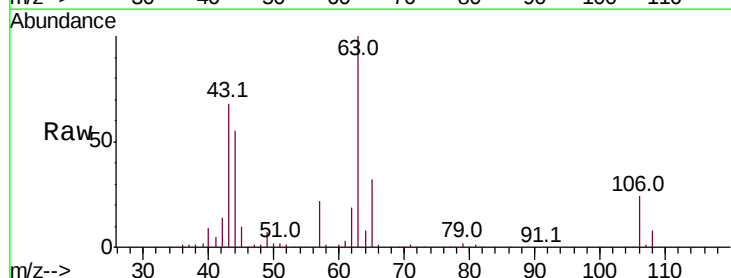
Acq: 23 Mar 2019 17:46

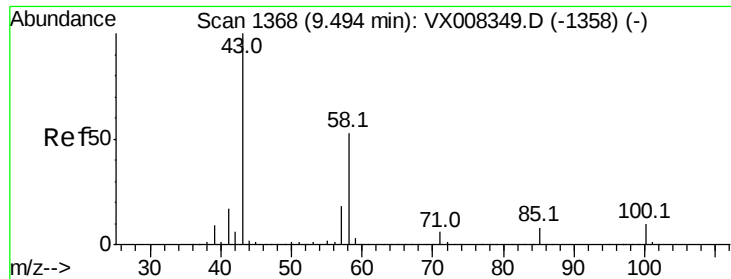
Tgt Ion: 63 Resp: 250204

Ion Ratio Lower Upper

63 100

106 23.5 22.2 33.2





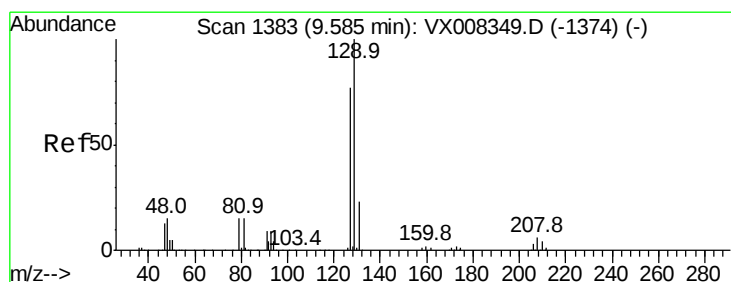
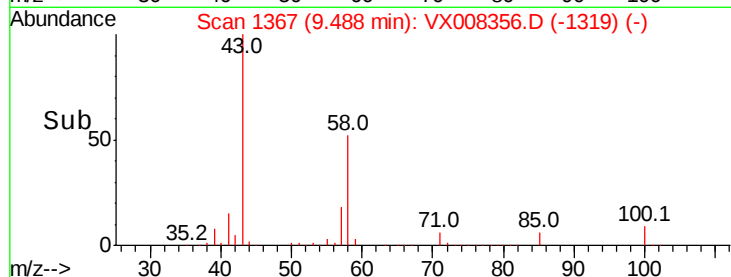
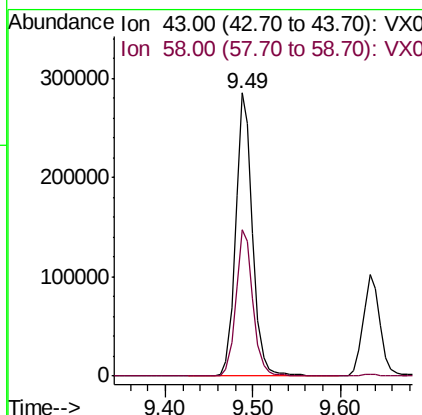
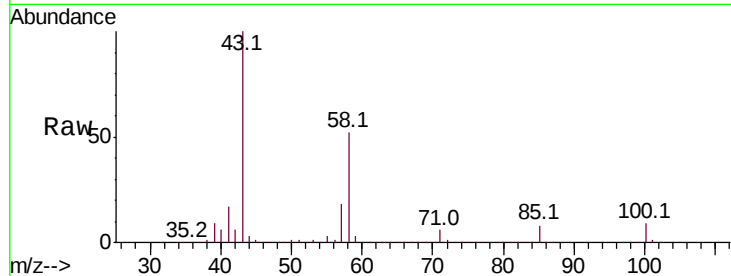
#59
2-Hexanone
Concen: 99.200 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

Tot Ion: 43 Resp: 384929
Ion Ratio Lower Upper
43 100
58 52.3 27.6 82.7

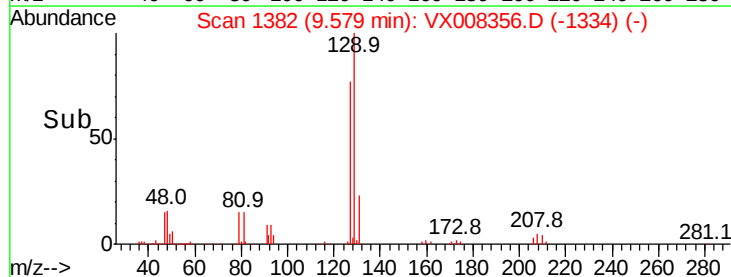
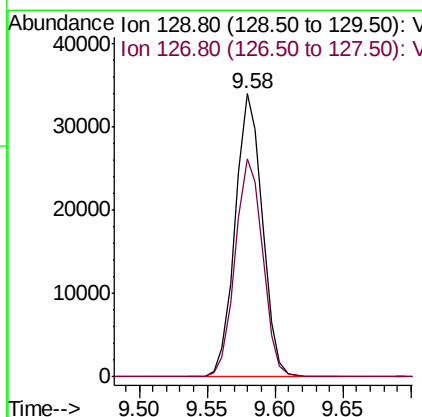
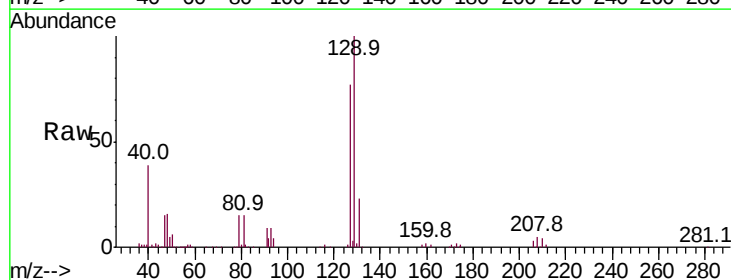
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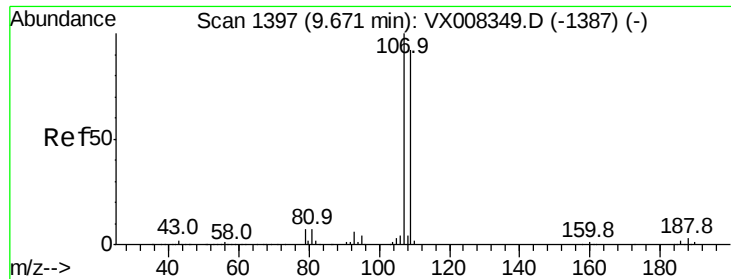
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#60
Dibromochloromethane
Concen: 18.811 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 129 Resp: 47345
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.390 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion:107 Resp: 53361

Ion Ratio Lower Upper

107 100

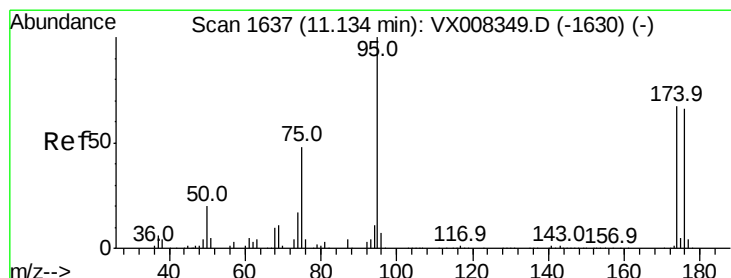
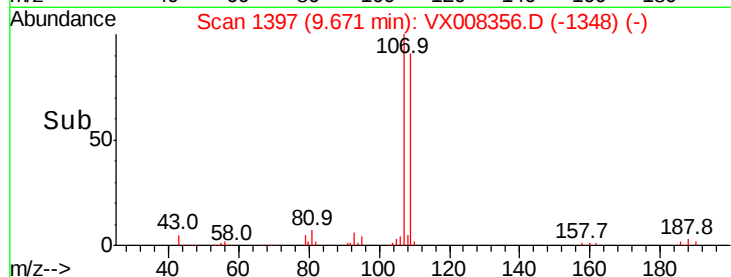
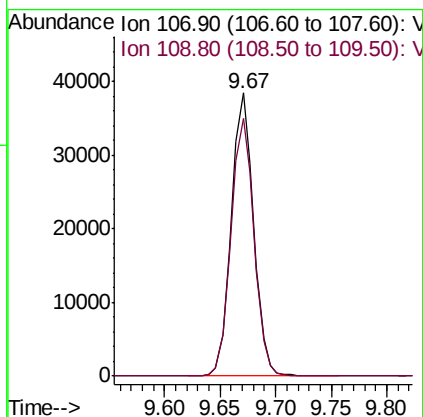
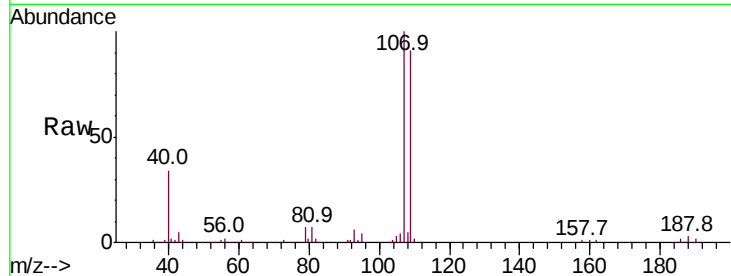
109 93.9 75.8 113.8

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#62

4-Bromofluorobenzene

Concen: 48.026 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

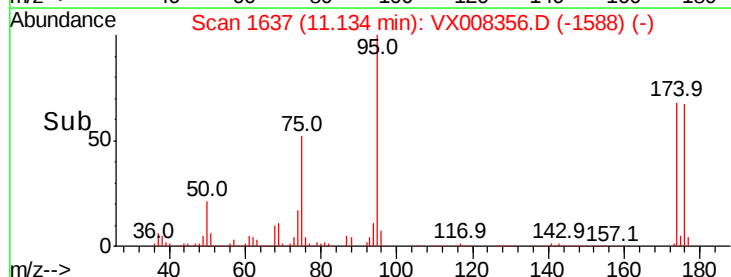
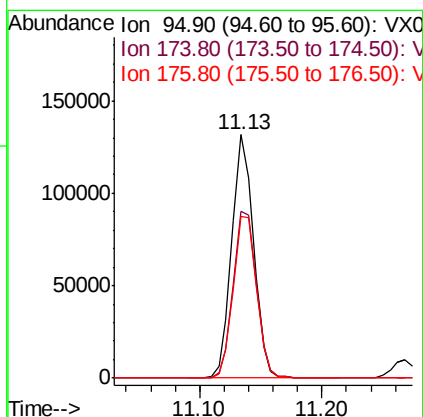
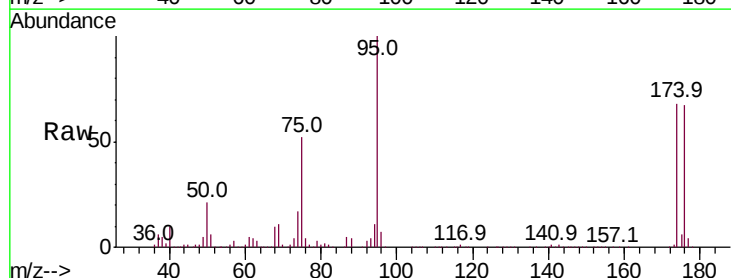
Tgt Ion: 95 Resp: 161656

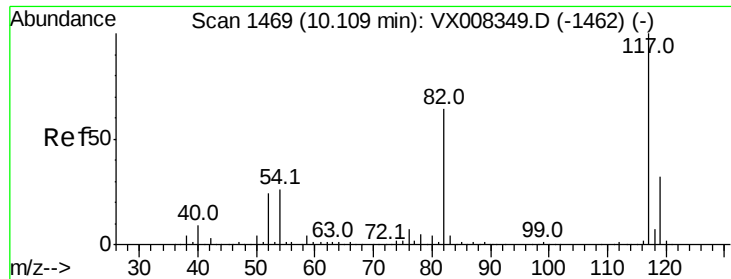
Ion Ratio Lower Upper

95 100

174 72.9 0.0 182.8

176 71.0 0.0 178.0





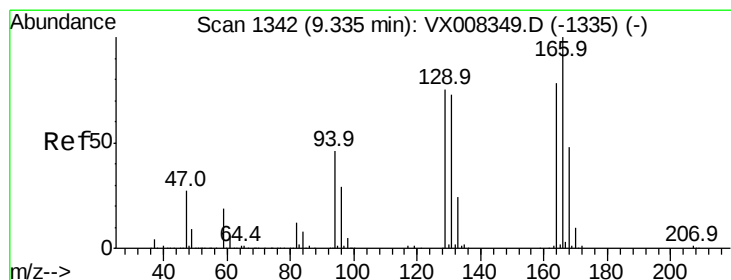
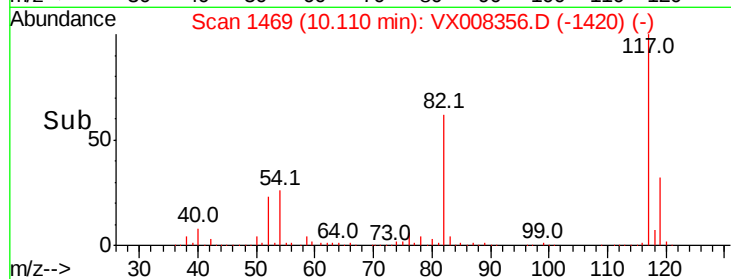
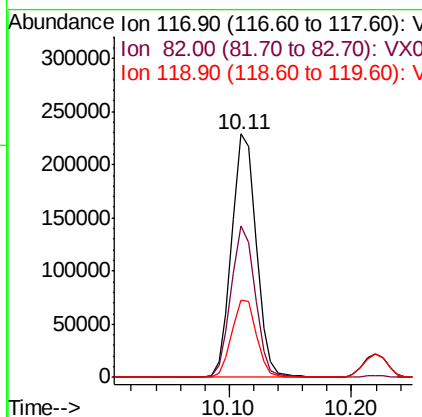
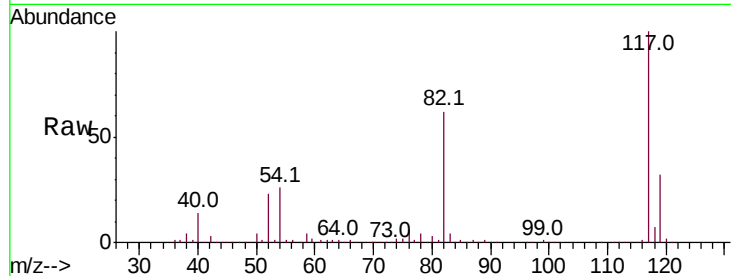
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.0	44.3	66.5
119	31.9	25.3	37.9

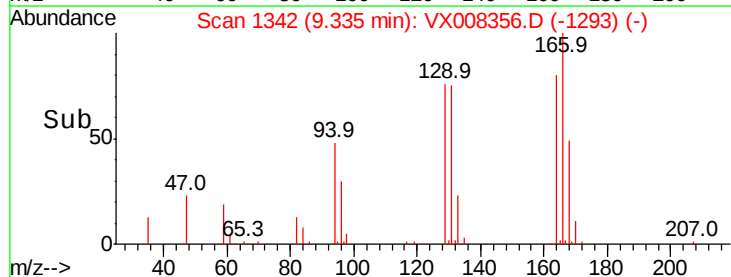
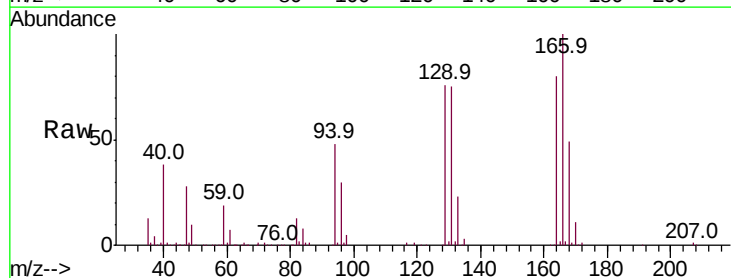
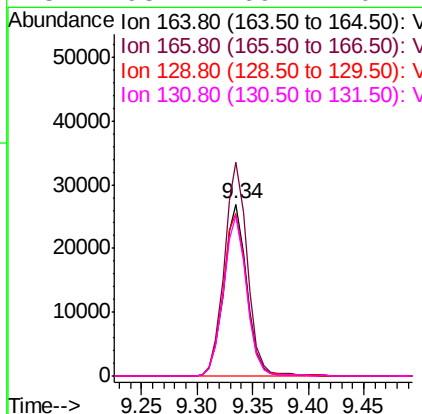
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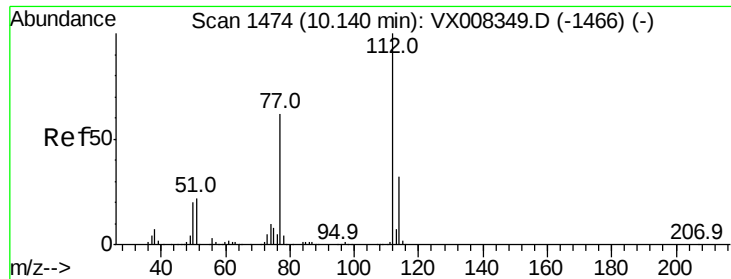
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#64
Tetrachloroethene
Concen: 18.330 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	103.4	155.0
129	94.5	72.2	108.4
131	93.2	69.4	104.2





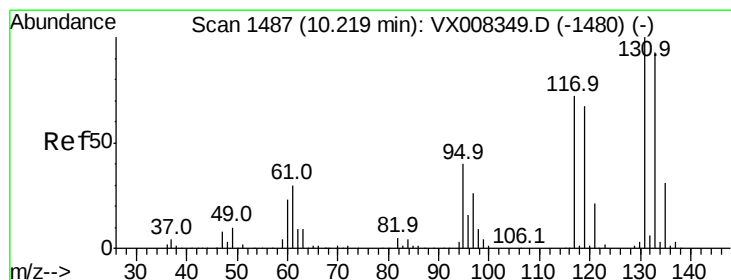
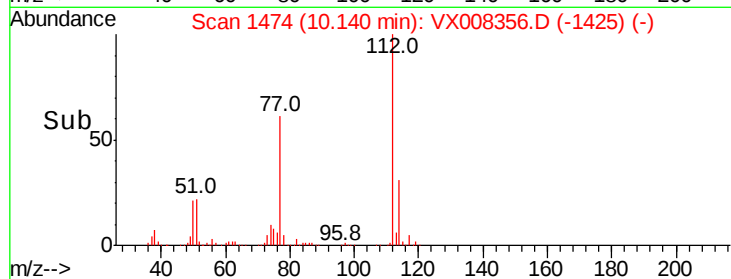
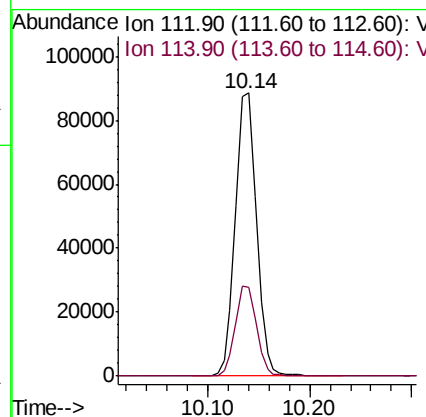
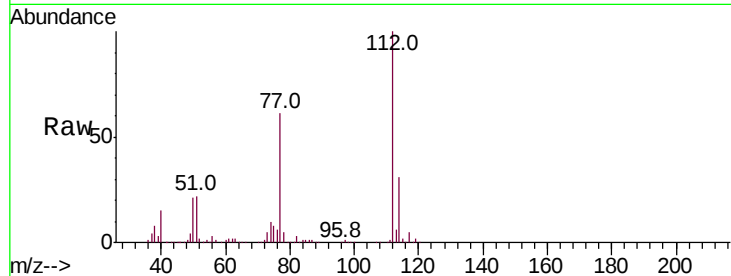
#65
Chlorobenzene
Concen: 19.067 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

Tot Ion:112 Resp: 127215
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0

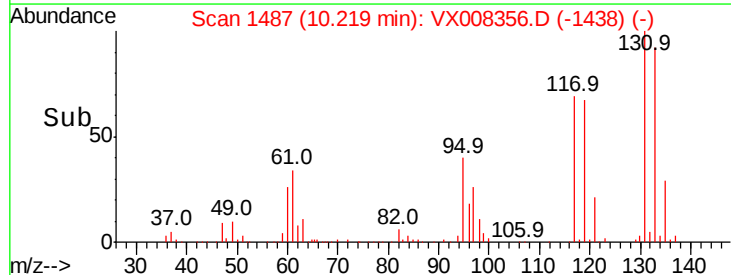
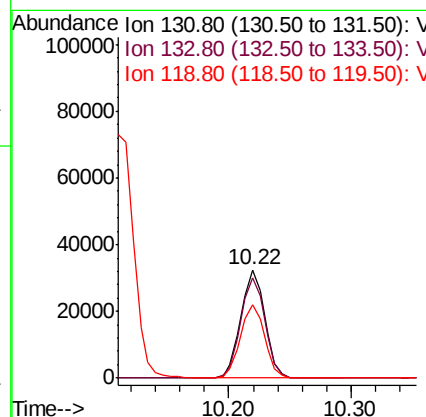
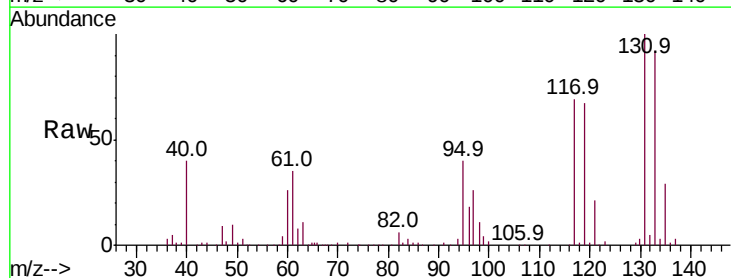
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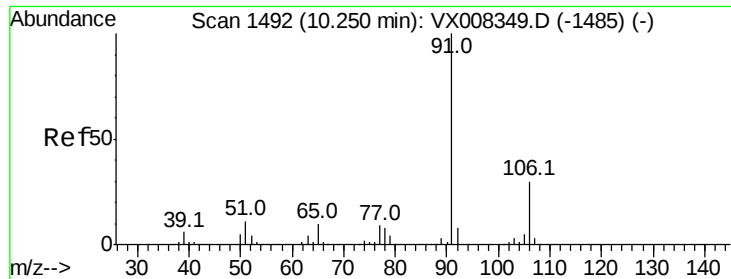
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.997 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:131 Resp: 43954
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.3
119 68.2 32.5 97.5





#67

Ethyl Benzene

Concen: 19.163 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion: 91 Resp: 239400

Ion Ratio Lower Upper

91 100

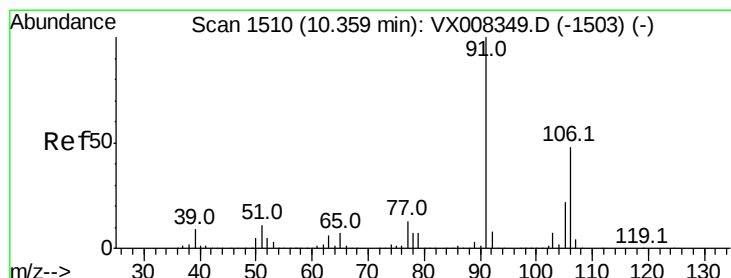
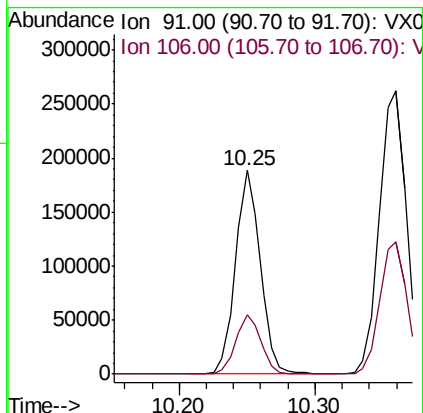
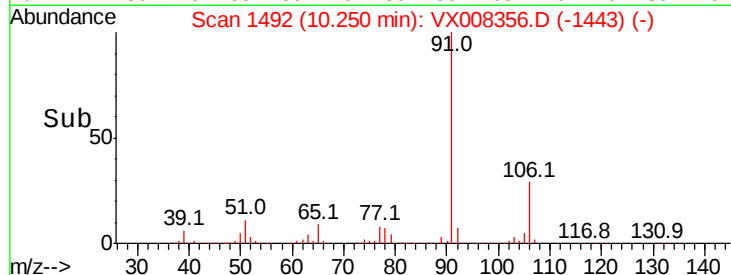
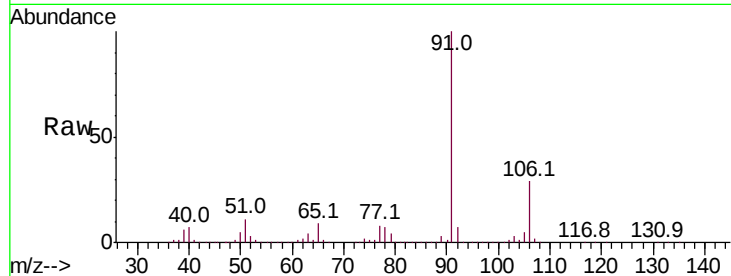
106 28.9 25.2 37.8

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#68

m/p-Xylenes

Concen: 38.139 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008356.D

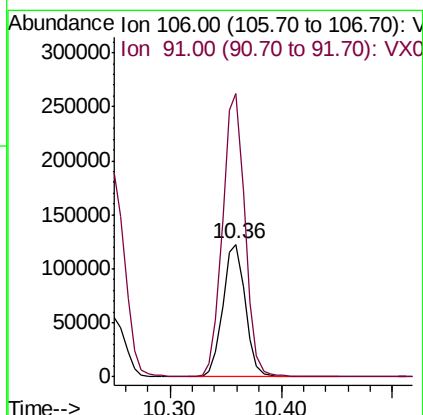
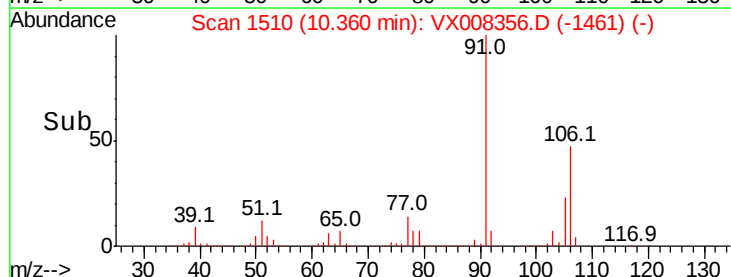
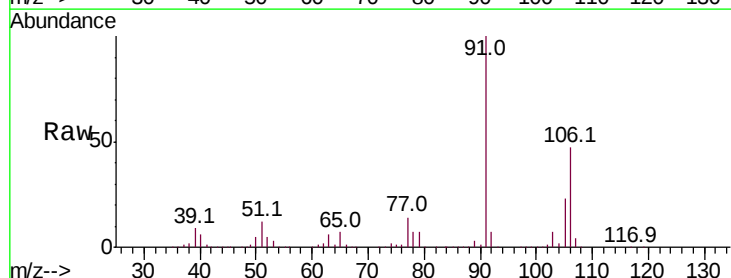
Acq: 23 Mar 2019 17:46

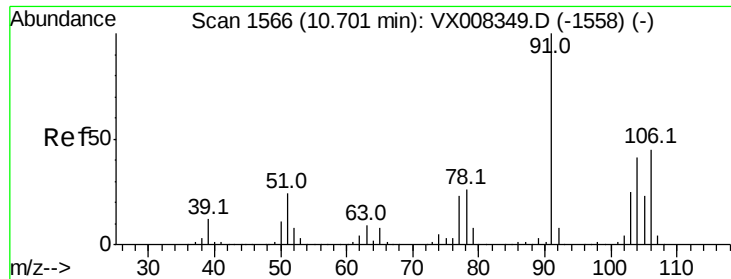
Tgt Ion: 106 Resp: 171197

Ion Ratio Lower Upper

106 100

91 212.8 159.8 239.6





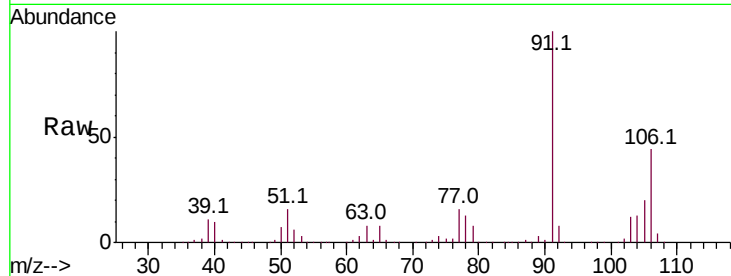
#69
o-Xylene
Concen: 19.281 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

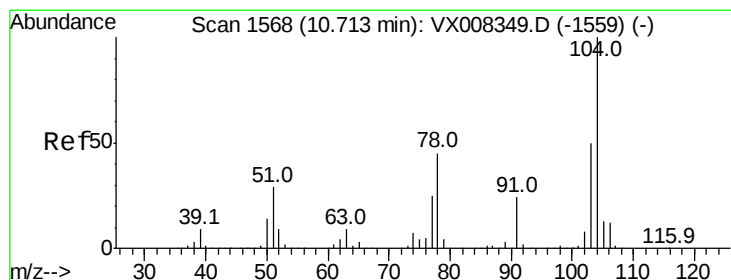
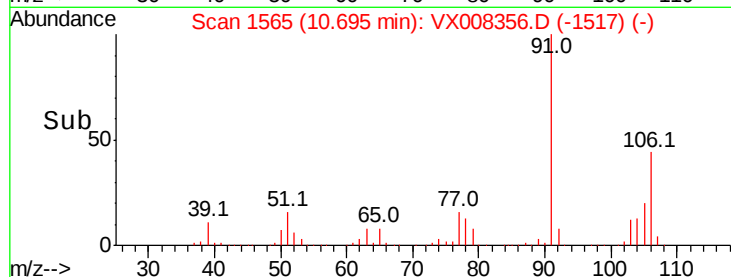
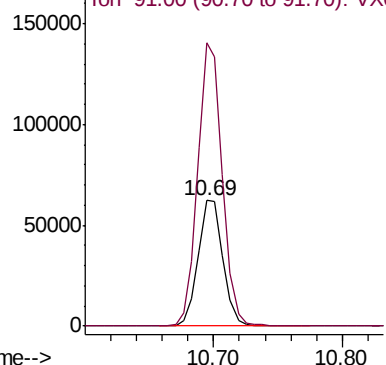
Tot Ion:106 Resp: 84629
Ion Ratio Lower Upper
106 100
91 222.3 106.3 318.9

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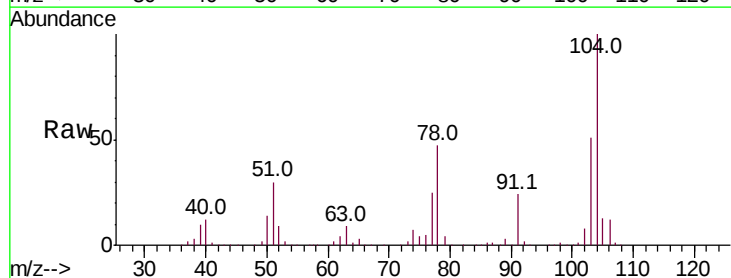


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

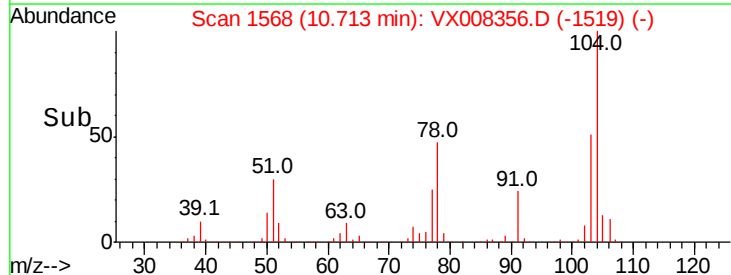
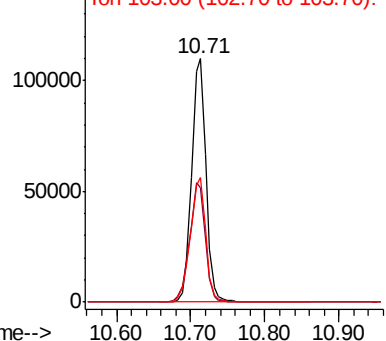


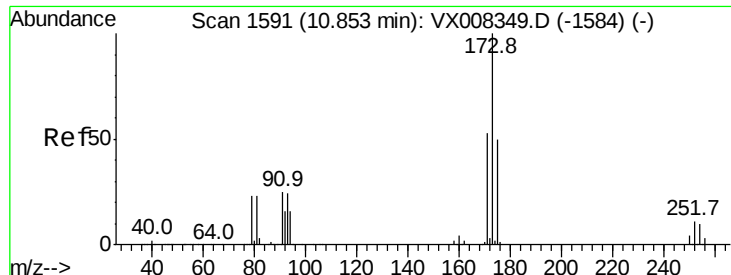
#70
Styrene
Concen: 19.189 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:104 Resp: 146072
Ion Ratio Lower Upper
104 100
78 53.4 38.5 57.7
103 55.0 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.465 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion:173 Resp: 32912

Ion Ratio Lower Upper

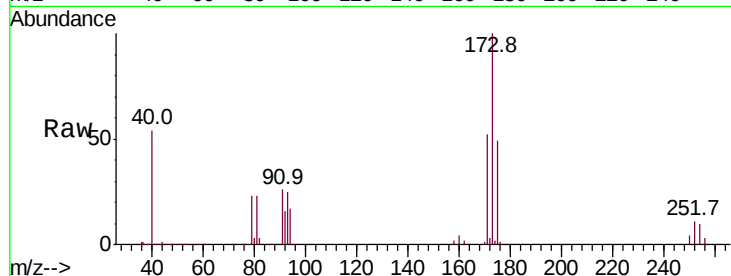
173 100

175 48.6 24.3 72.9

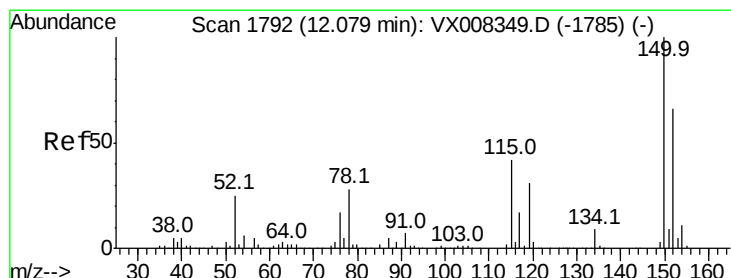
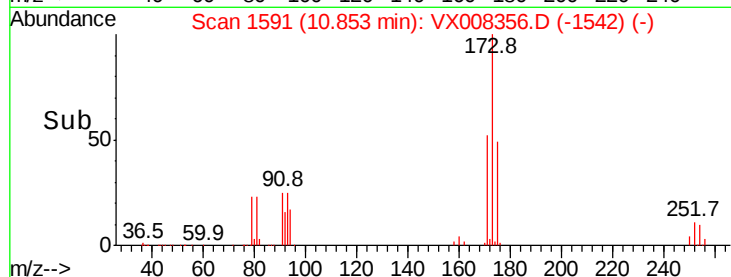
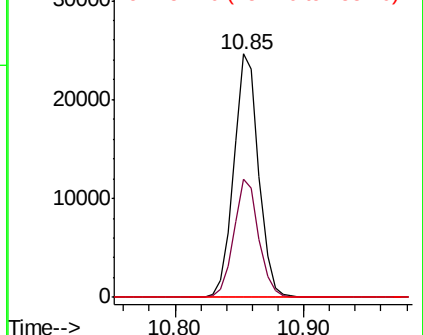
254 0.2 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

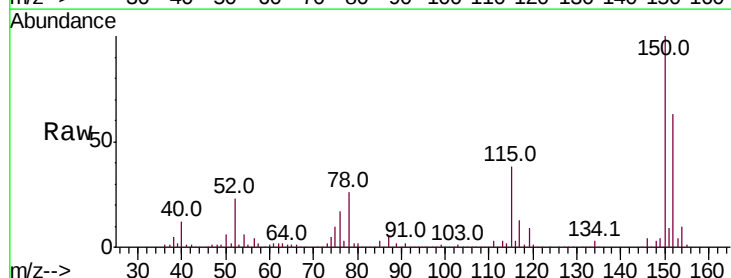
Tgt Ion:152 Resp: 145947

Ion Ratio Lower Upper

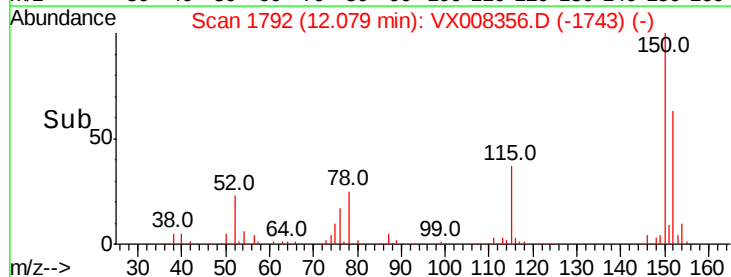
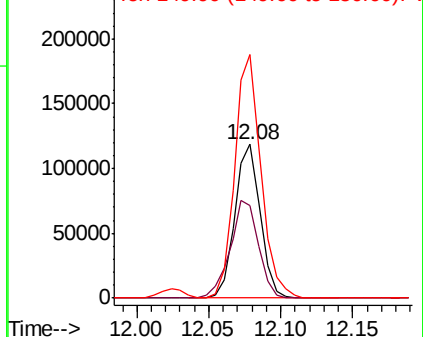
152 100

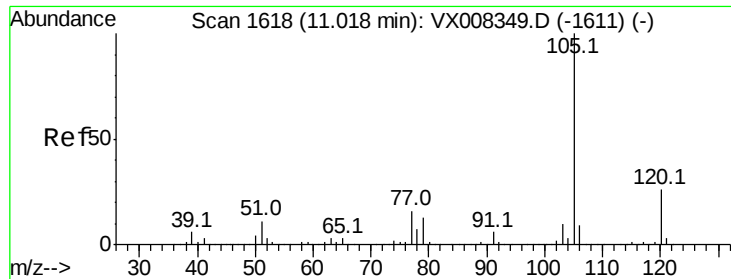
115 71.2 38.6 115.7

150 163.5 0.0 348.4



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





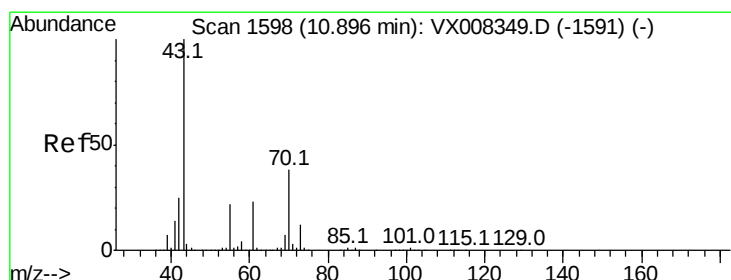
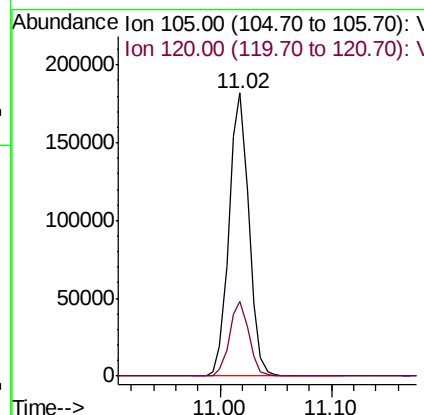
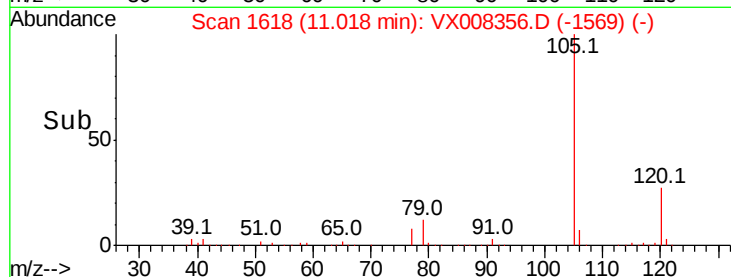
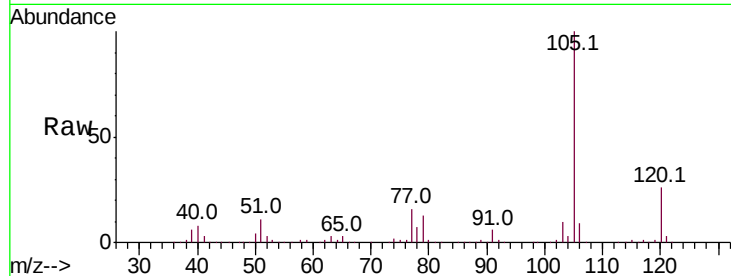
#73
Isopropylbenzene
Concen: 19.494 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

Tot Ion: 105 Resp: 224530
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

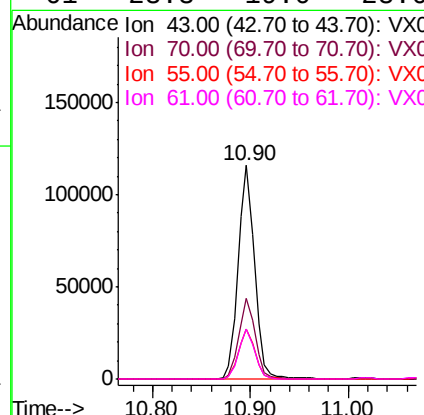
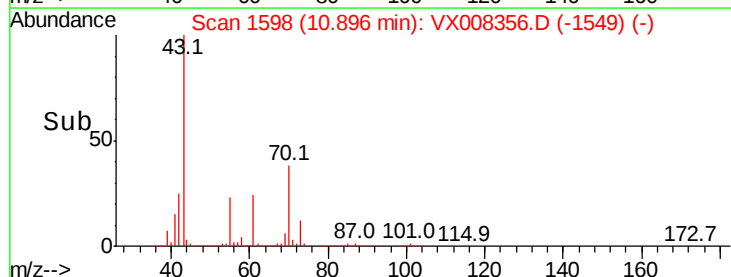
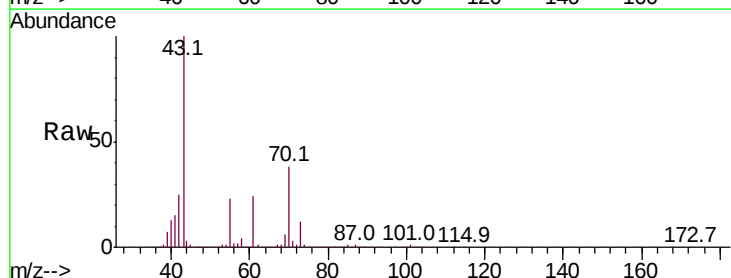
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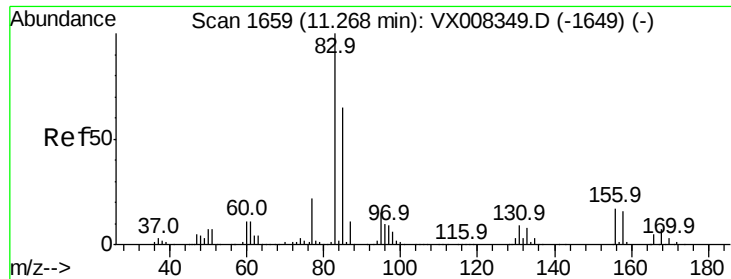
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#74
N-ethyl acetate
Concen: 20.020 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 43 Resp: 135001
Ion Ratio Lower Upper
43 100
70 38.0 33.5 50.3
55 23.9 19.2 28.8
61 23.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.154 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion: 83 Resp: 87875

Ion Ratio Lower Upper

83 100

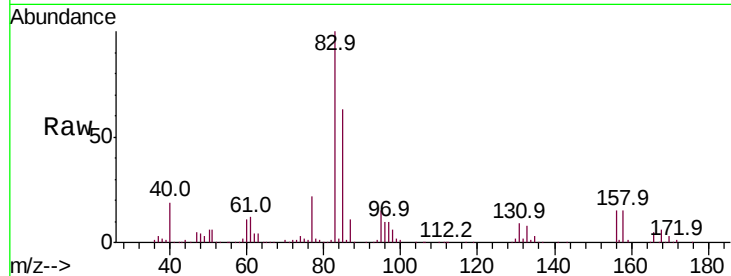
131 8.7 5.4 16.2

85 63.2 32.3 96.8

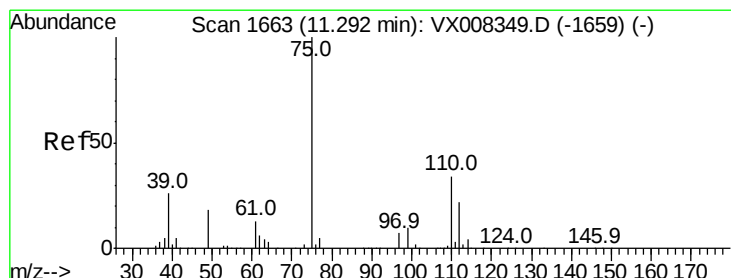
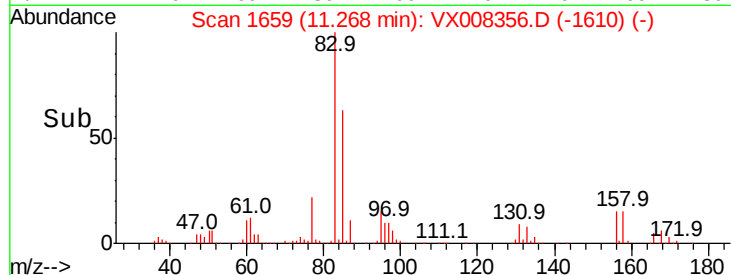
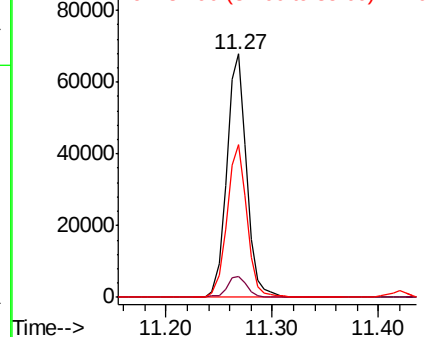
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.596 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008356.D

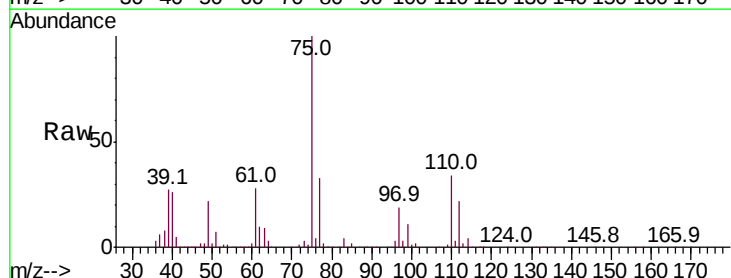
Acq: 23 Mar 2019 17:46

Tgt Ion: 75 Resp: 82500

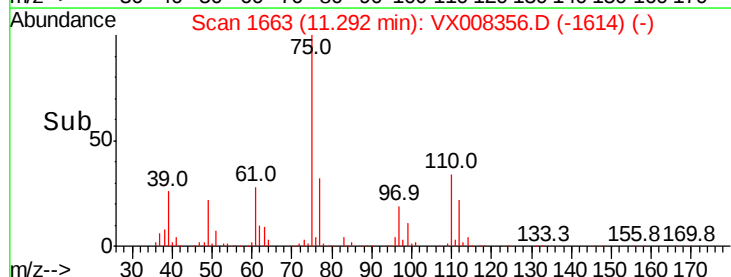
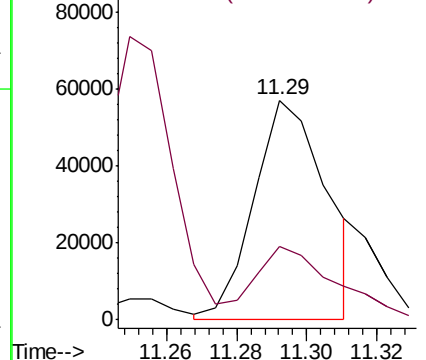
Ion Ratio Lower Upper

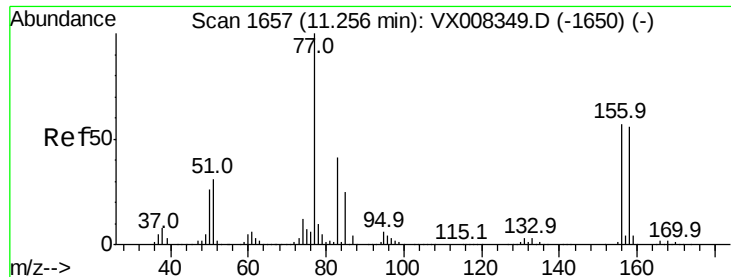
75 100

77 37.8 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.407 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion:156 Resp: 52891

Ion Ratio Lower Upper

156 100

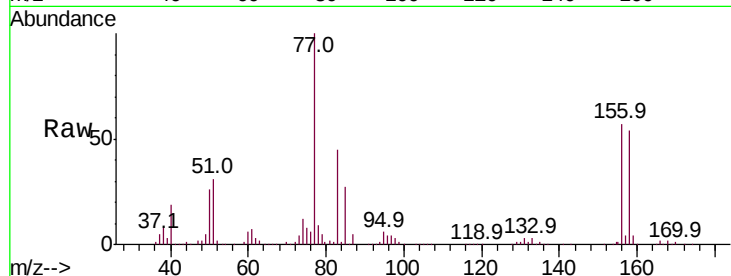
77 184.3 72.0 215.9

158 95.4 48.6 145.9

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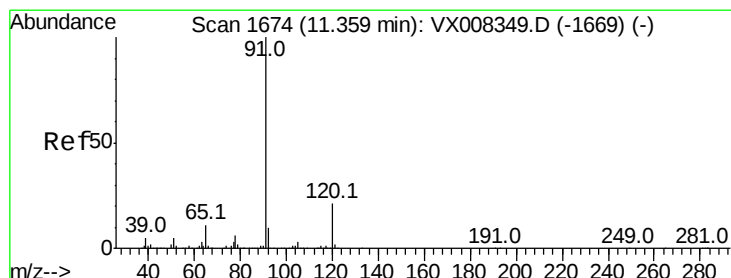
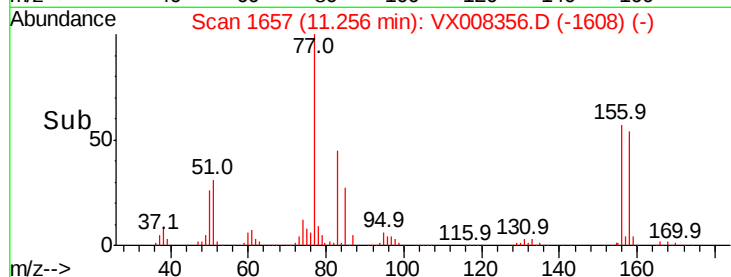
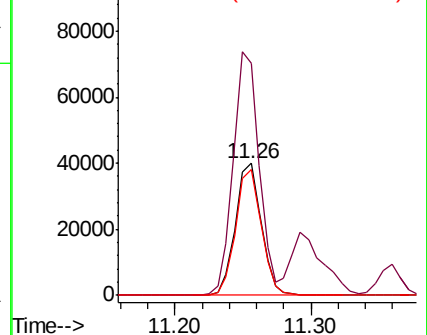
3/25/2019 11:17:08 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.448 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008356.D

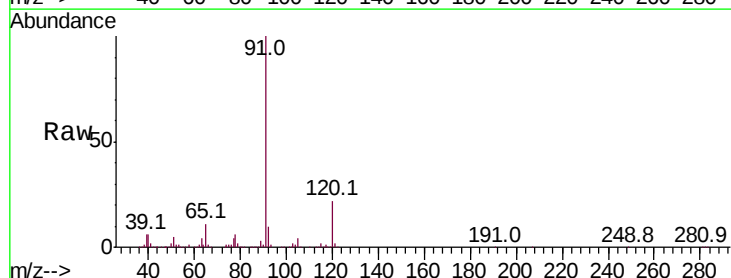
Acq: 23 Mar 2019 17:46

Tgt Ion: 91 Resp: 262532

Ion Ratio Lower Upper

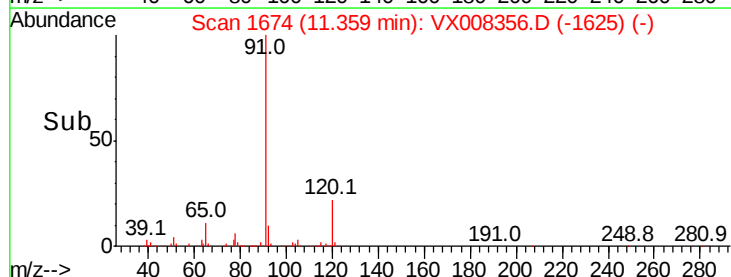
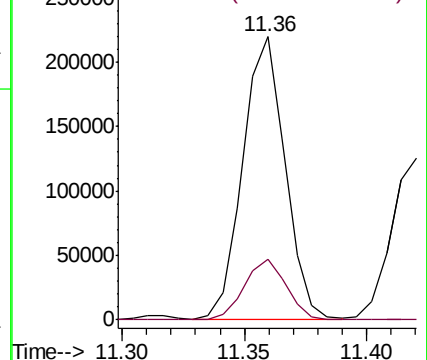
91 100

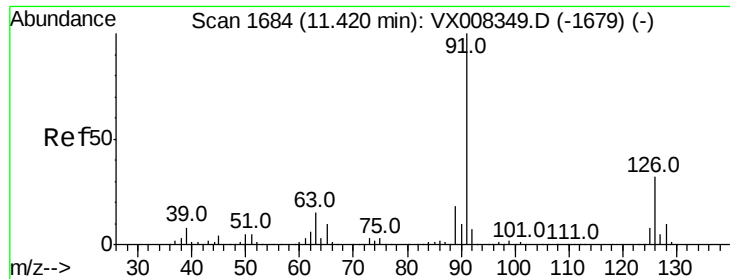
120 21.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





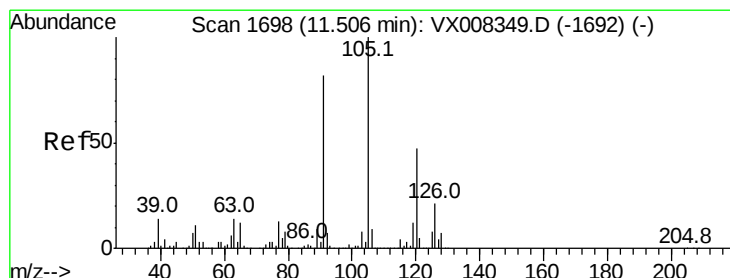
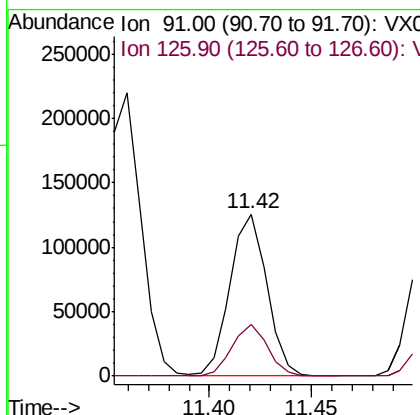
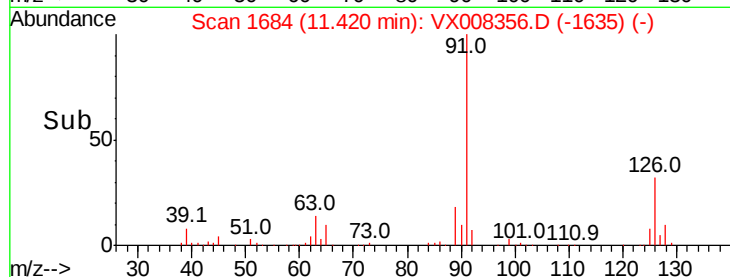
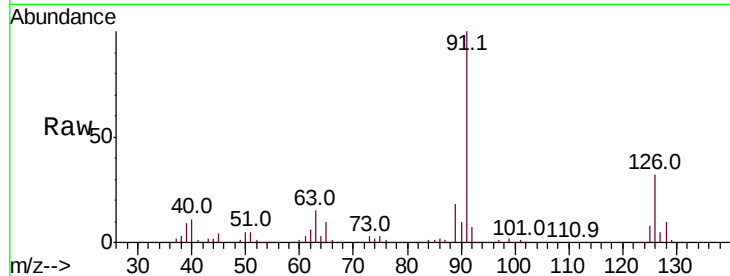
#79
2-Chlorotoluene
Concen: 19.037 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampled :
VX0323WBS01

Tot Ion: 91 Resp: 156539
Ion Ratio Lower Upper
91 100
126 31.5 17.5 52.6

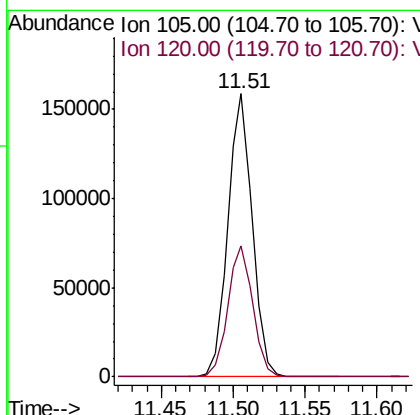
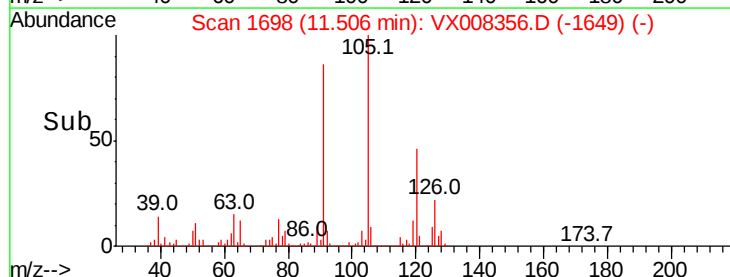
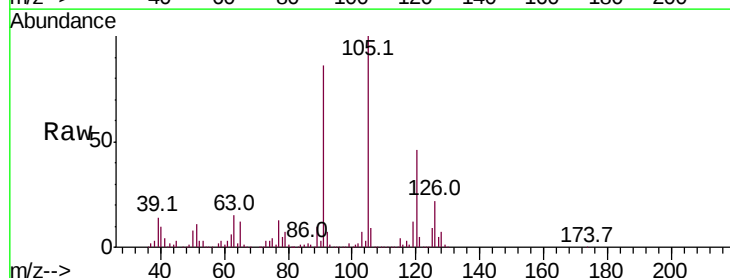
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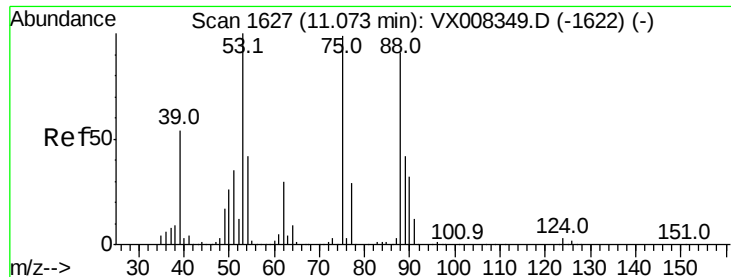
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#80
1,3,5-Trimethylbenzene
Concen: 19.329 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 105 Resp: 189383
Ion Ratio Lower Upper
105 100
120 47.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.927 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion: 75 Resp: 24032

Ion Ratio Lower Upper

75 100

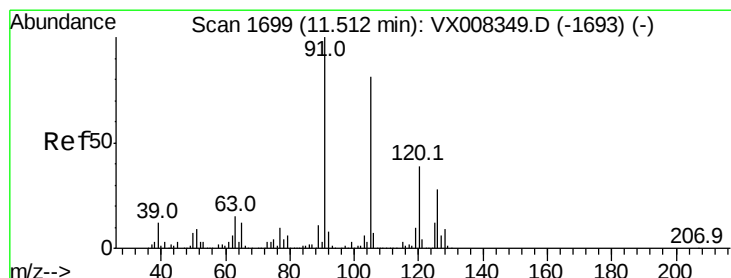
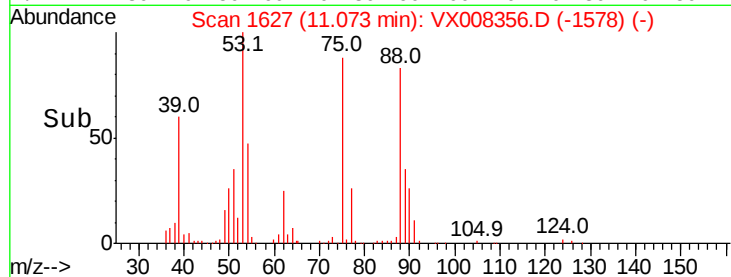
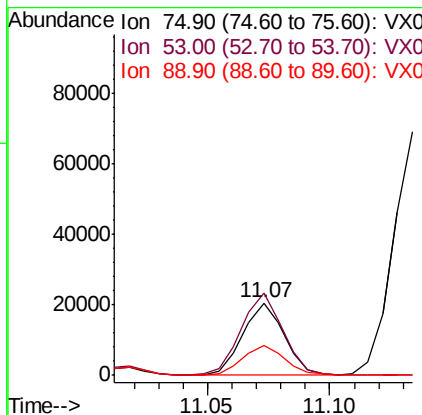
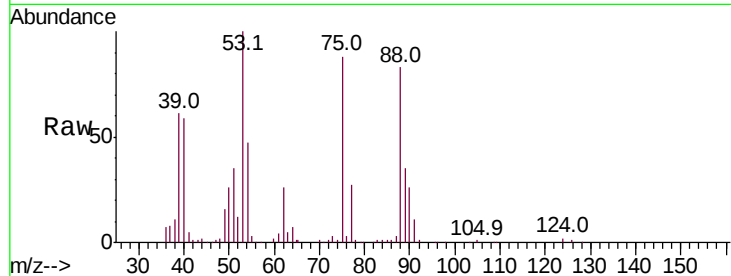
53 116.0 76.1 114.1#

89 42.8 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.910 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008356.D

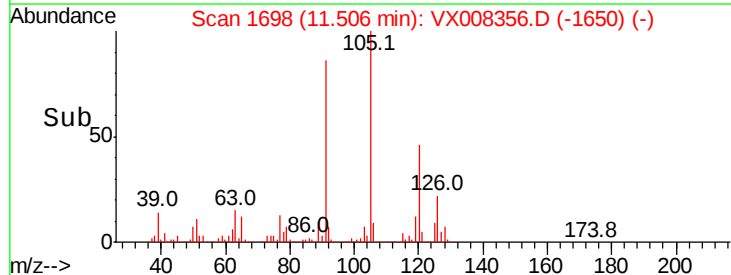
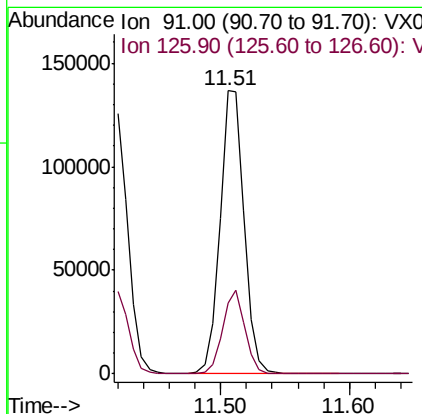
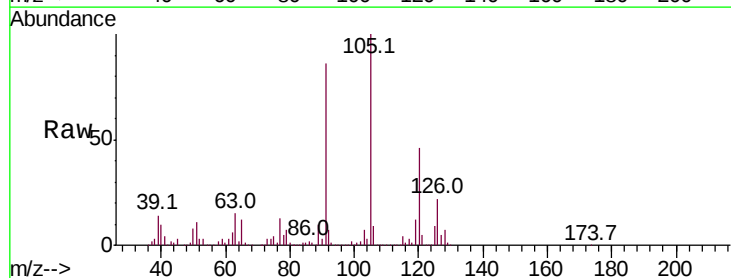
Acq: 23 Mar 2019 17:46

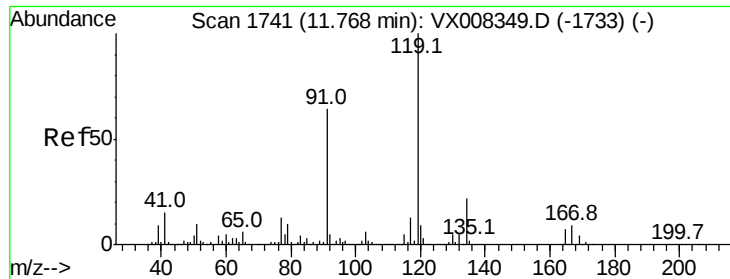
Tgt Ion: 91 Resp: 179171

Ion Ratio Lower Upper

91 100

126 27.7 15.6 46.8





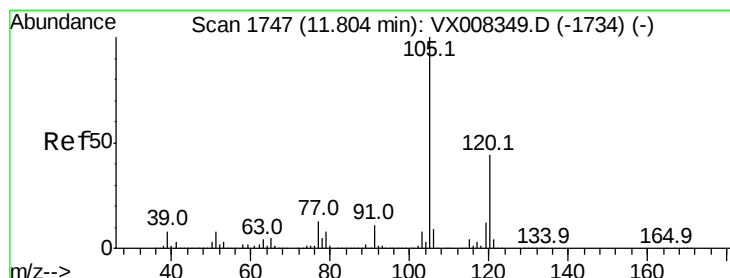
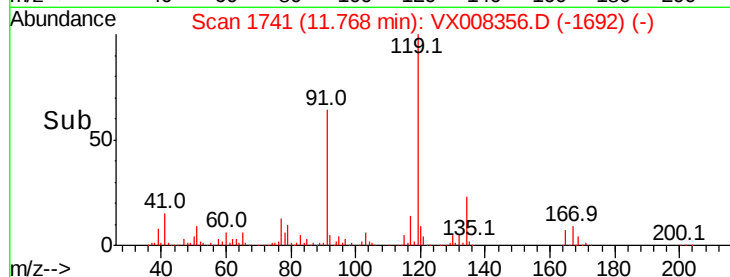
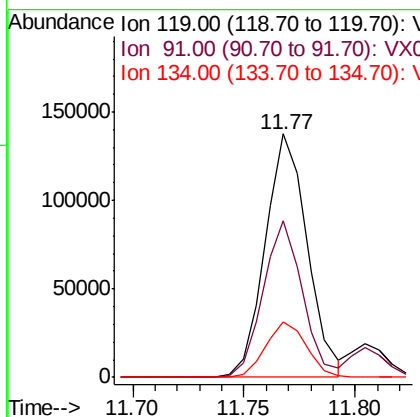
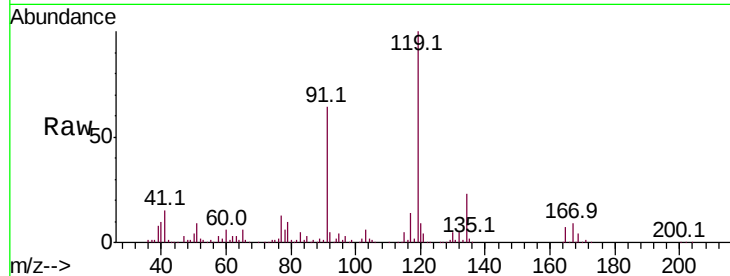
#83
tert-Butylbenzene
Concen: 19.304 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	180107		
91	60.5	27.1	81.3	
134	22.3	11.4	34.1	

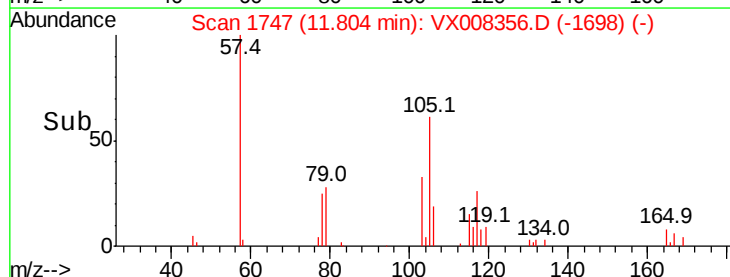
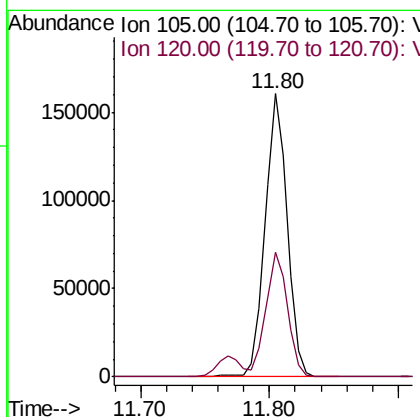
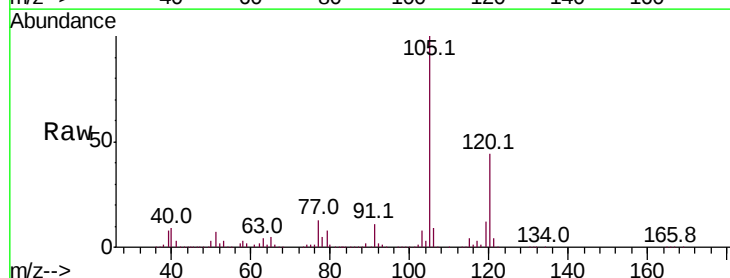
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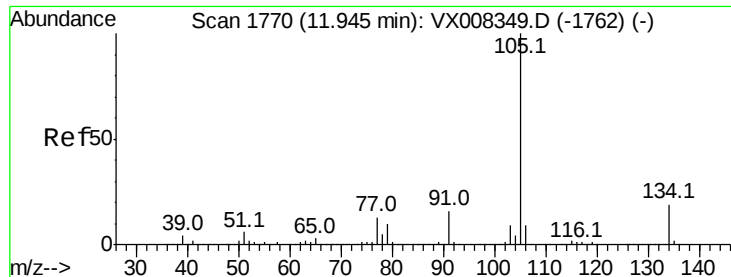
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.499 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	190662		
120	43.3	22.6	67.7	





#85

sec-Butylbenzene

Concen: 19.361 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion:105 Resp: 216498

Ion Ratio Lower Upper

105 100

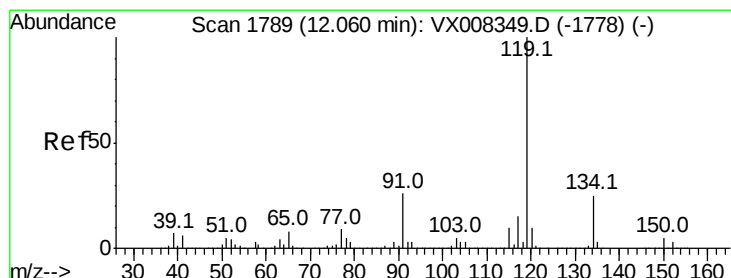
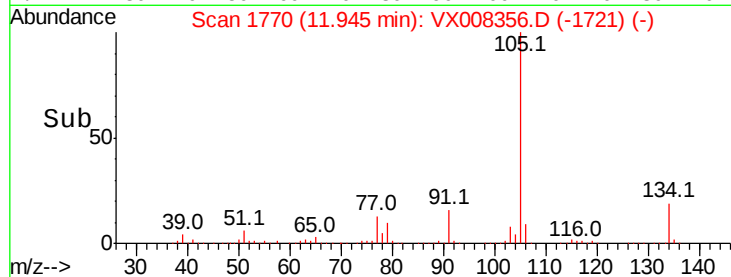
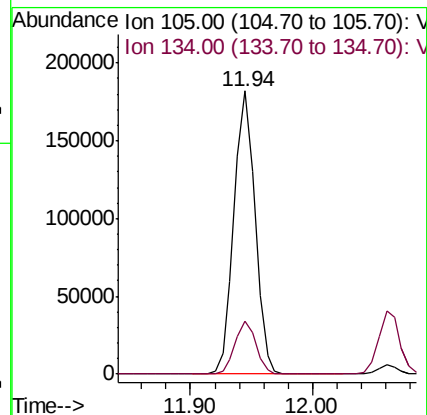
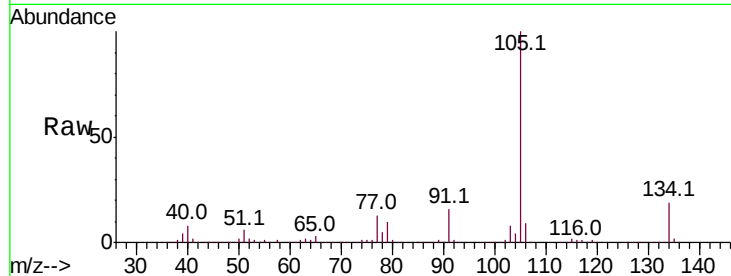
134 18.8 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 19.532 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

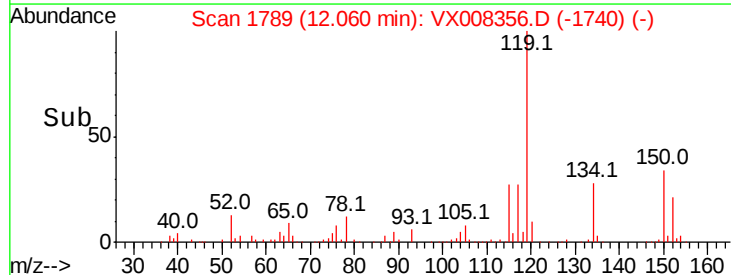
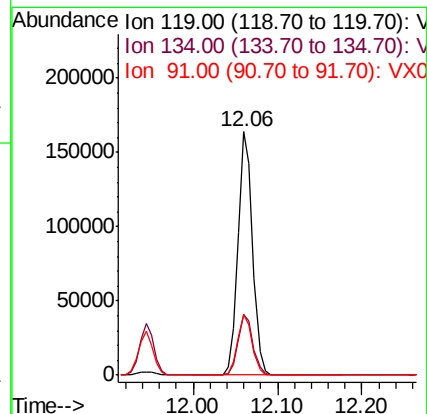
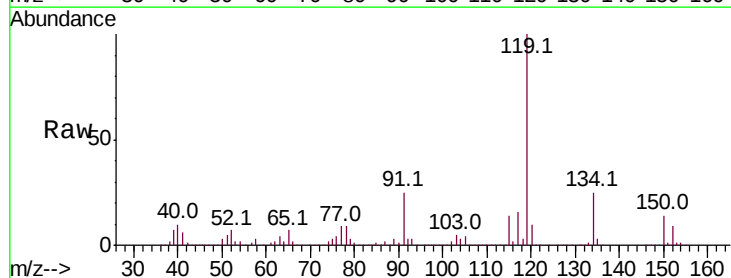
Tgt Ion:119 Resp: 192514

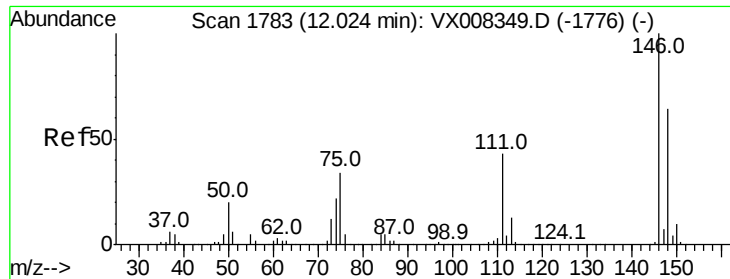
Ion Ratio Lower Upper

119 100

134 25.5 13.3 39.9

91 25.1 10.9 32.7





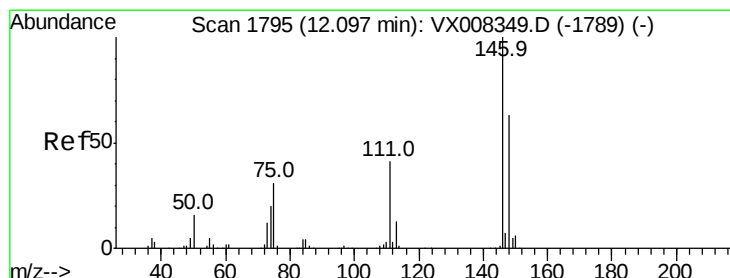
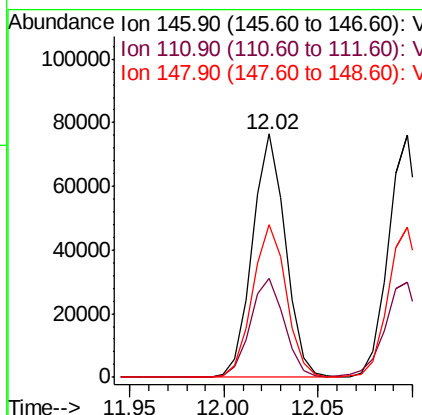
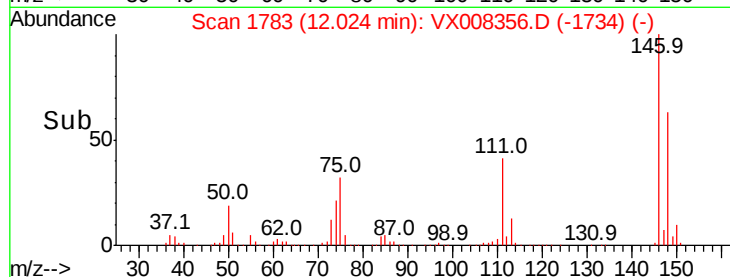
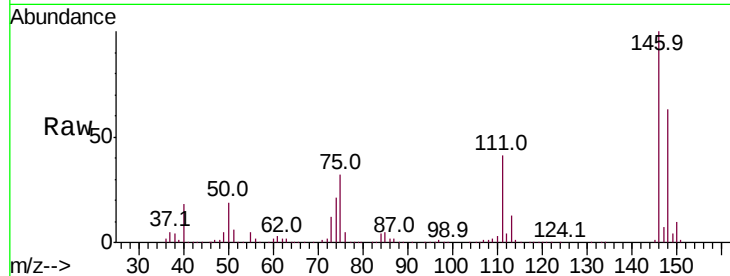
#87
 1,3-Dichlorobenzene
 Concen: 18.924 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Instrument :
 MSVOA_X
 ClientSampled :
 VX0323WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	18.9	56.7
148	64.0	31.7	95.1

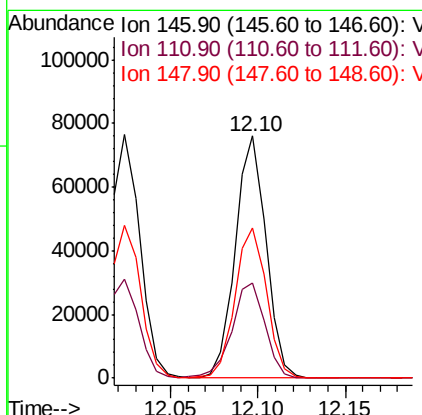
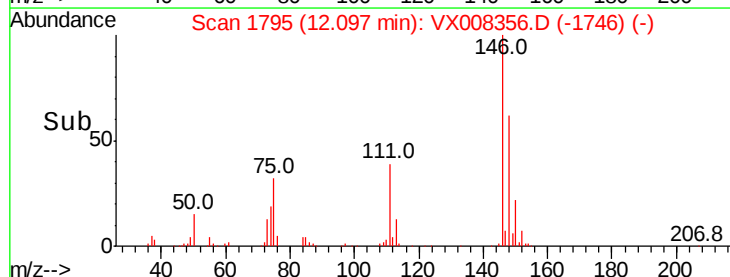
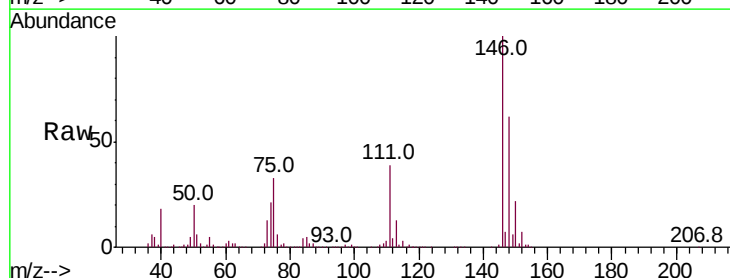
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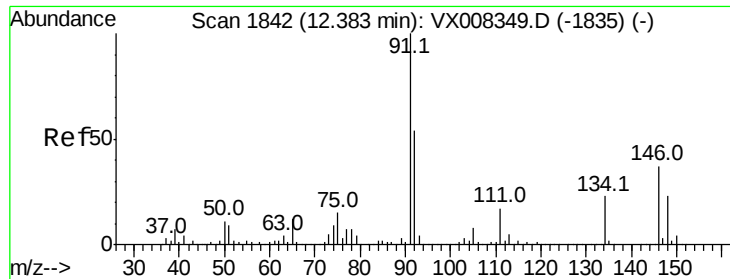
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#88
 1,4-Dichlorobenzene
 Concen: 18.580 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	18.4	55.0
148	64.1	32.2	96.6





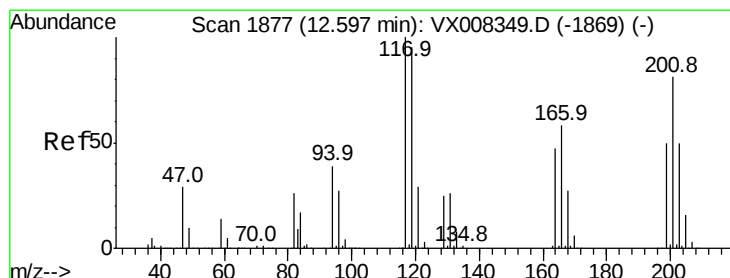
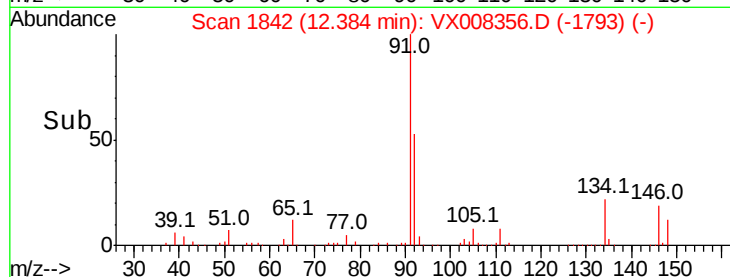
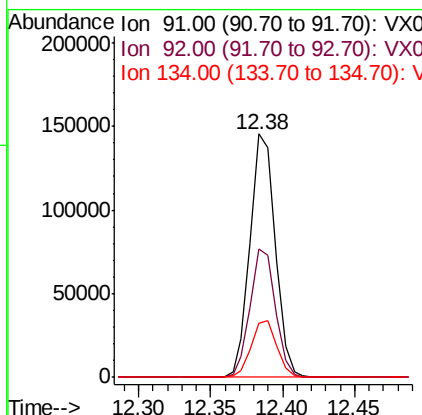
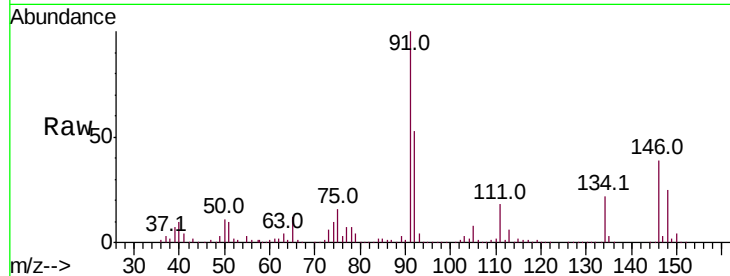
#89
n-Butylbenzene
Concen: 18.732 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.0	80.8
134	23.5	13.7	41.0

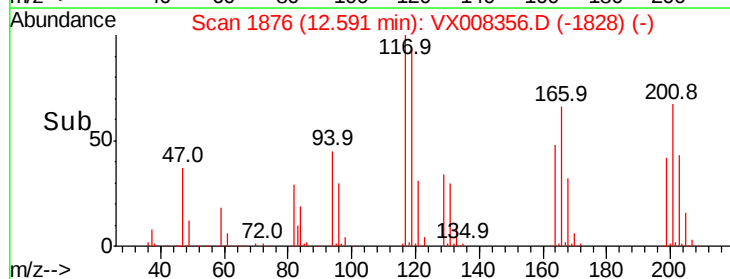
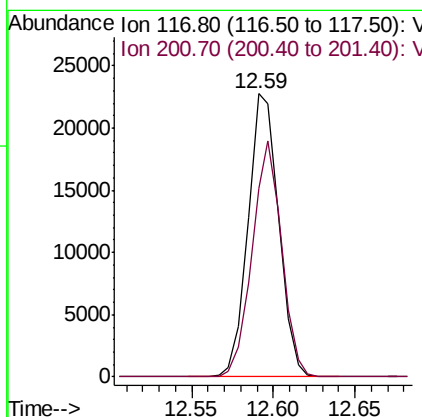
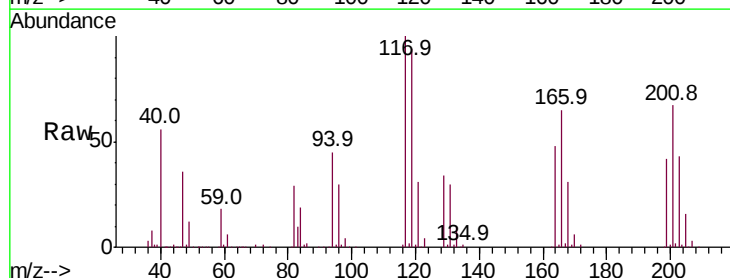
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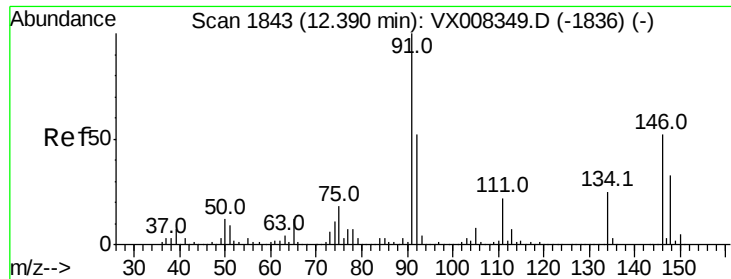
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#90
Hexachloroethane
Concen: 18.353 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	48.9	146.7





#91

1,2-Dichlorobenzene

Concen: 18.987 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBS01

Tot Ion:146 Resp: 94122

Ion Ratio Lower Upper

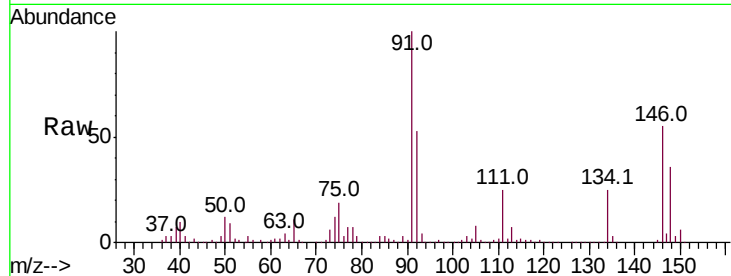
146 100

111 44.2 19.6 58.8

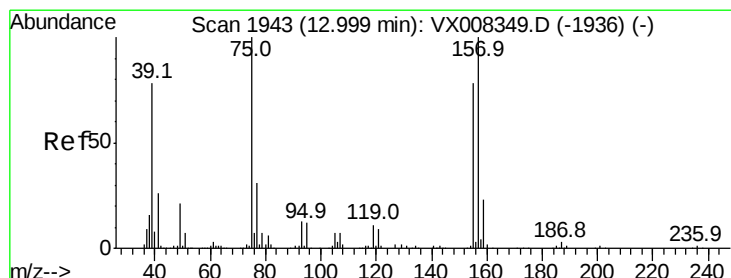
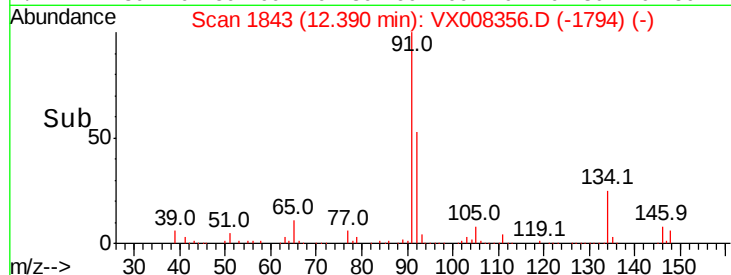
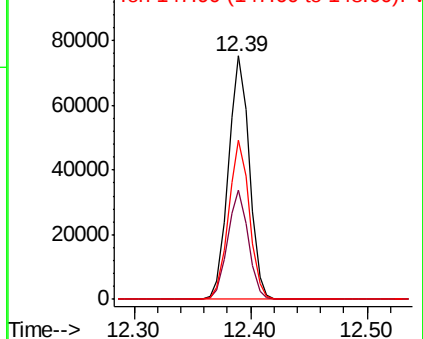
148 64.7 31.9 95.5

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.674 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008356.D

Acq: 23 Mar 2019 17:46

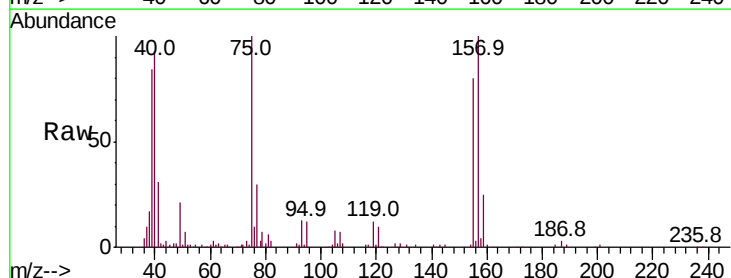
Tgt Ion: 75 Resp: 19237

Ion Ratio Lower Upper

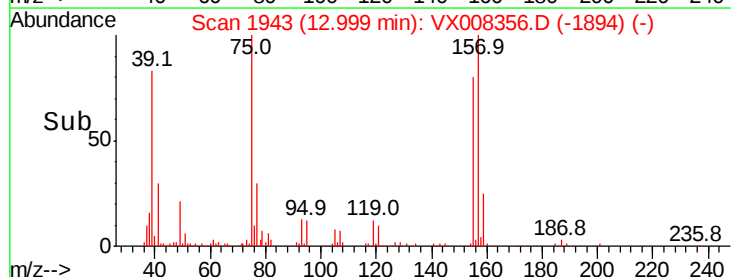
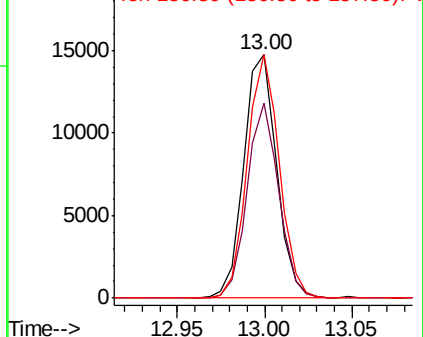
75 100

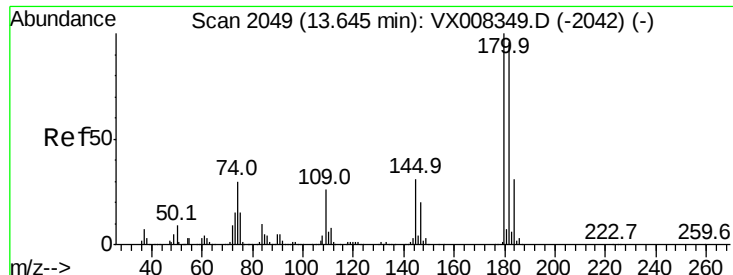
155 77.1 49.7 149.1

157 97.1 63.8 191.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





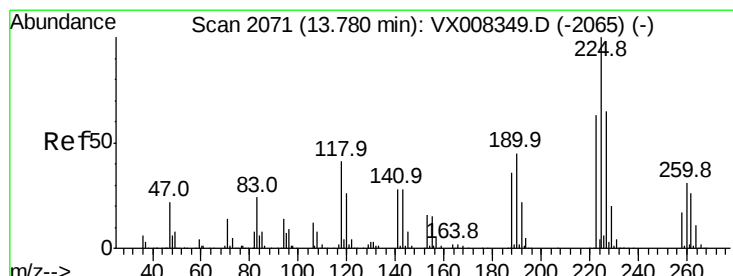
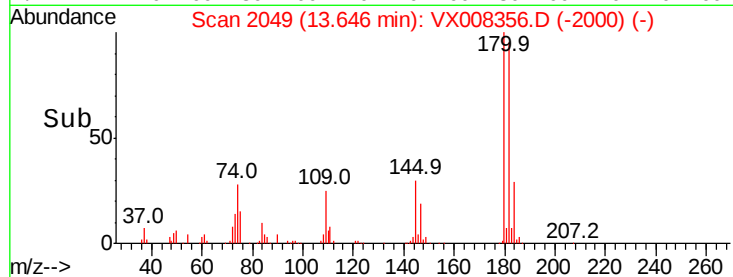
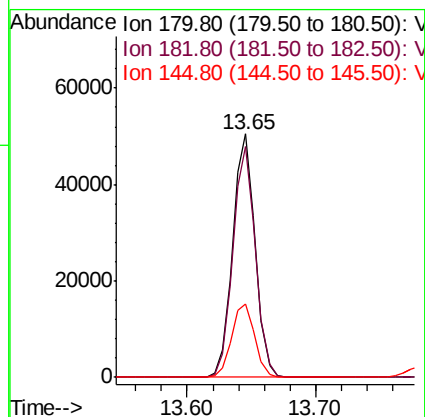
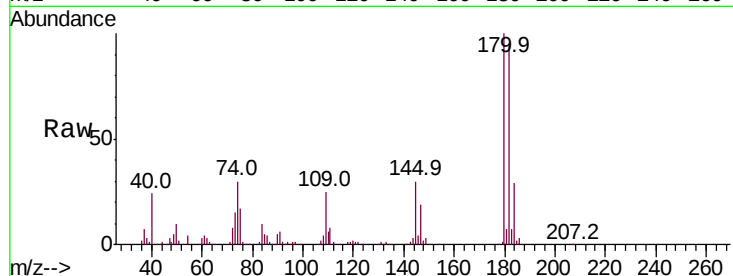
#93
 1,2,4-Trichlorobenzene
 Concen: 18.431 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	61612		
182	94.7	47.9	143.7	
145	31.3	14.1	42.4	

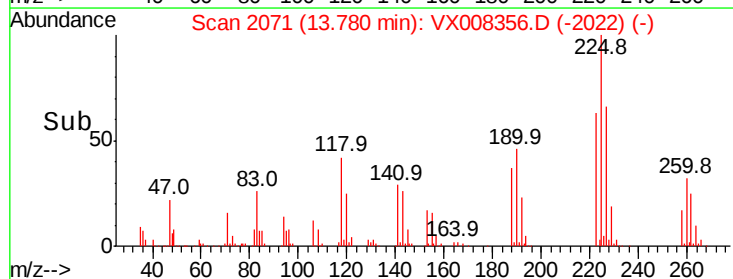
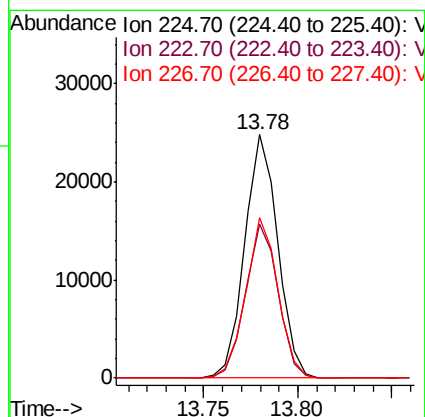
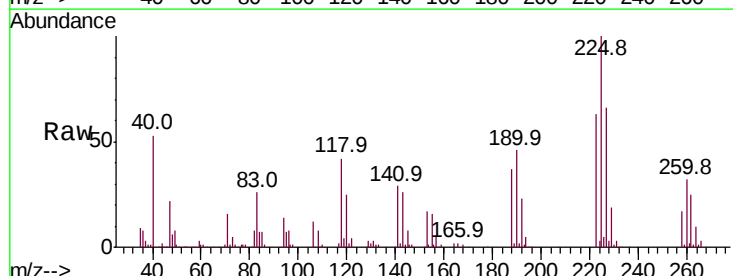
Manual Integrations
 APPROVED

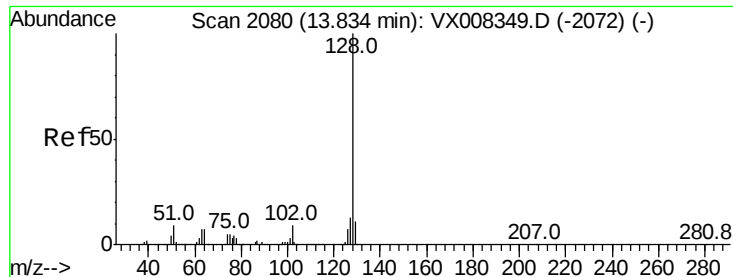
MMDadoda
 3/25/2019 11:17:08 AM



#94
 Hexachlorobutadiene
 Concen: 19.055 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008356.D
 Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30103		
223	62.8	31.1	93.2	
227	64.2	32.0	96.0	





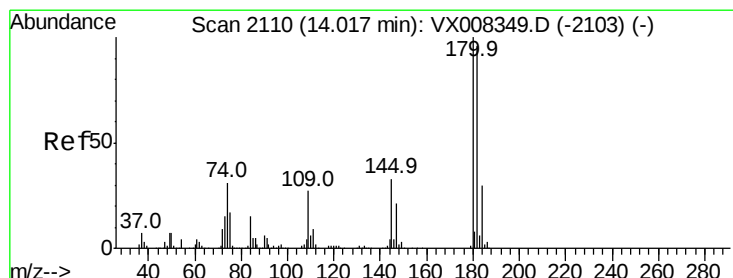
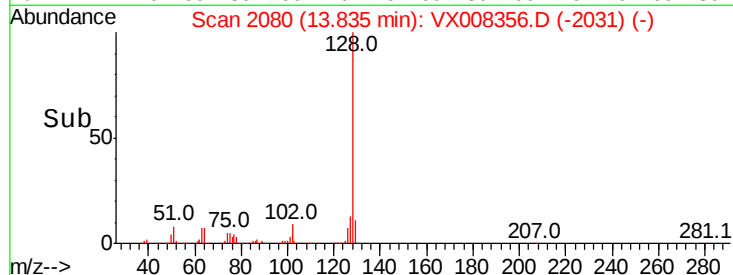
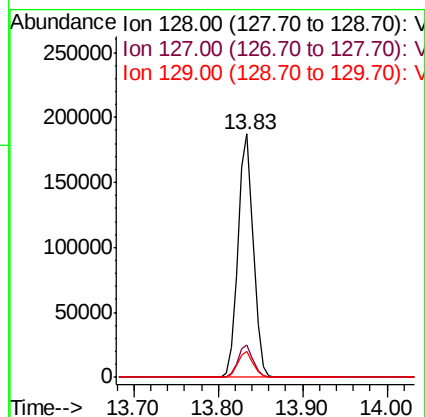
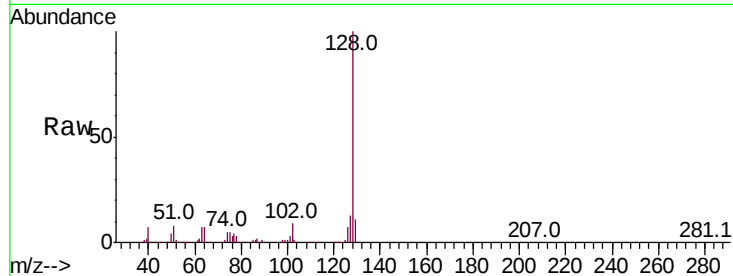
#95
Naphthalene
Concen: 19.567 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	229698		
127	13.1		10.3	15.5
129	10.8		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/25/2019 11:17:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.108 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	64454		
182	96.2		47.5	142.5
145	32.8		14.8	44.3

