

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010315.D
 Acq On : 17 Jun 2019 11:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2019 11:26:19 AM

Quant Time: Jun 17 15:36:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	302765	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	437457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	399473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	133982	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
35) Dibromofluoromethane	5.49	113	134840	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	8.71	98	507884	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	191311	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	146234	52.491	ug/l	99
3) Chloromethane	1.32	50	131169	47.410	ug/l	99
4) Vinyl Chloride	1.41	62	142037	54.623	ug/l	100
5) Bromomethane	1.64	94	59779	60.922	ug/l	98
6) Chloroethane	1.71	64	86718	66.146	ug/l	98
7) Trichlorofluoromethane	1.93	101	234039	60.592	ug/l	100
8) Diethyl Ether	2.18	74	79601	59.792	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140377	52.723	ug/l	91
10) Methyl Iodide	2.51	142	184706	44.774	ug/l	97
11) Tert butyl alcohol	3.04	59	173745	239.988	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135621	49.870	ug/l #	78
13) Acrolein	2.29	56	33986	257.451	ug/l	99
14) Allyl chloride	2.73	41	196990	47.988	ug/l #	86
15) Acrylonitrile	3.14	53	372624	251.809	ug/l	99
16) Acetone	2.44	43	364135	261.965	ug/l #	88
17) Carbon Disulfide	2.57	76	331661	42.208	ug/l	99
18) Methyl Acetate	2.77	43	160534	52.515	ug/l #	83
19) Methyl tert-butyl Ether	3.19	73	441568	50.541	ug/l	93
20) Methylene Chloride	2.85	84	150478	49.294	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	143764	47.769	ug/l #	78
22) Diisopropyl ether	3.85	45	414903	52.864	ug/l #	81
23) Vinyl Acetate	3.81	43	1797991	256.793	ug/l #	87
24) 1,1-Dichloroethane	3.69	63	237569	49.854	ug/l	96
25) 2-Butanone	4.67	43	535450	258.690	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	217462	50.022	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	172520	51.529	ug/l	77
28) Bromochloromethane	5.01	49	110480	51.731	ug/l #	48
29) Tetrahydrofuran	5.12	42	321387	247.067	ug/l #	75
30) Chloroform	5.21	83	255349	51.597	ug/l	98
31) Cyclohexane	5.57	56	213243	49.583	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	229585	49.347	ug/l	93
36) 1,1-Dichloropropene	5.80	75	182117	51.028	ug/l	91
37) Ethyl Acetate	4.83	43	191215	51.493	ug/l #	92
38) Carbon Tetrachloride	5.78	117	211359	52.321	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	249760	51.393	ug/l #	84
40) Benzene	6.13	78	581217	52.666	ug/l	99
41) Methacrylonitrile	5.04	41	104988	52.266	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	183138	51.980	ug/l	93
43) Isopropyl Acetate	6.44	43	323161	52.049	ug/l #	90
44) Trichloroethene	7.21	130	175658	52.805	ug/l	90
45) 1,2-Dichloropropane	7.51	63	146974	53.209	ug/l	99
46) Dibromomethane	7.66	93	106429	51.430	ug/l	90
47) Bromodichloromethane	7.89	83	205244	53.078	ug/l #	99
48) Methyl methacrylate	7.76	41	152358	52.471	ug/l #	77
49) 1,4-Dioxane	7.74	88	77476	935.842	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	1020434	275.113	ug/l	90
52) Toluene	8.78	92	387740	53.449	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	233841	52.282	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	249721	52.080	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	164349	55.318	ug/l	95
56) Ethyl methacrylate	9.18	69	251227	53.530	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	250199	53.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	554040	250.417	ug/l #	86
59) 2-Hexanone	9.49	43	807402	273.016	ug/l	88
60) Dibromochloromethane	9.58	129	193688	55.116	ug/l	100
61) 1,2-Dibromoethane	9.67	107	175809	53.131	ug/l	99
64) Tetrachloroethene	9.34	164	165274	55.705	ug/l	95
65) Chlorobenzene	10.13	112	444113	53.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	171915	54.221	ug/l	100
67) Ethyl Benzene	10.25	91	756119	53.872	ug/l	95
68) m/p-Xylenes	10.35	106	594357	109.431	ug/l	89
69) o-Xylene	10.69	106	290580	53.821	ug/l	89
70) Styrene	10.71	104	500442	54.728	ug/l	95
71) Bromoform	10.85	173	159724	54.798	ug/l #	98
73) Isopropylbenzene	11.02	105	774964	52.029	ug/l	95
74) N-amyl acetate	10.90	43	296021	50.277	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	254285	49.873	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	211950m	49.662	ug/l	
77) Bromobenzene	11.25	156	213503	52.125	ug/l	81
78) n-propylbenzene	11.36	91	877834	52.939	ug/l	94
79) 2-Chlorotoluene	11.42	91	505190	50.726	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	650665	51.865	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	93703	48.509	ug/l	84
82) 4-Chlorotoluene	11.51	91	589499	52.107	ug/l	91
83) tert-Butylbenzene	11.77	119	660473	52.015	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	657719	51.904	ug/l	96
85) sec-Butylbenzene	11.94	105	786963	53.198	ug/l	96
86) p-Isopropyltoluene	12.06	119	728824	53.892	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	385436	53.424	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	383051	52.668	ug/l	98
89) n-Butylbenzene	12.38	91	632569	54.339	ug/l	97
90) Hexachloroethane	12.60	117	135406	50.262	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	373474	53.247	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54251	45.217	ug/l	68

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VSTDCCC050

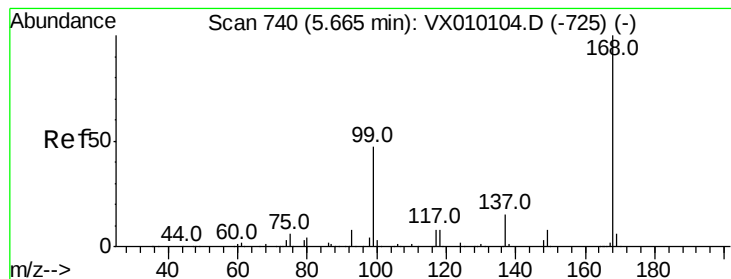
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	276988	53.950	ug/l	99
94) Hexachlorobutadiene	13.78	225	134949	59.101	ug/l	99
95) Naphthalene	13.83	128	826413	51.133	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	272770	53.733	ug/l	99

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



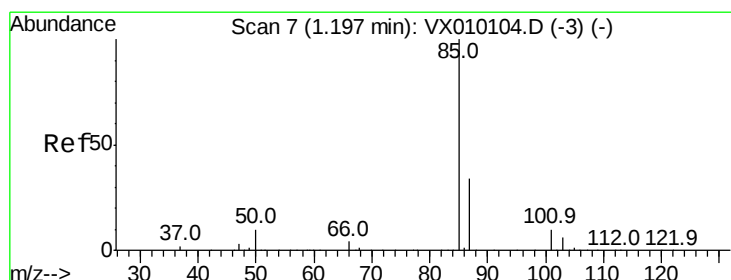
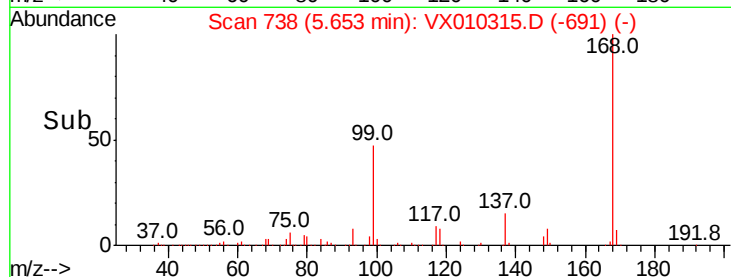
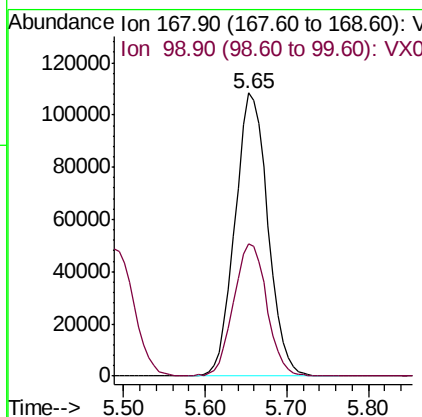
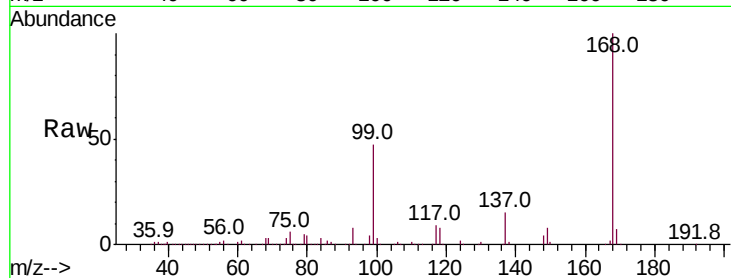
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.9	43.0	64.6

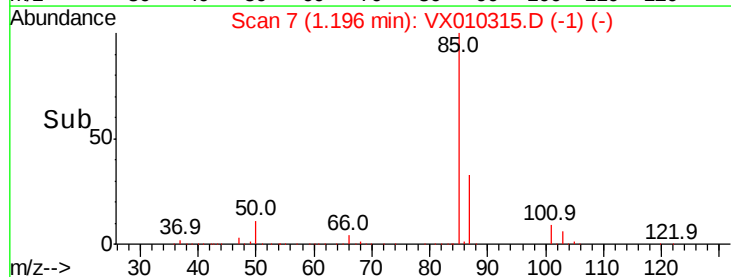
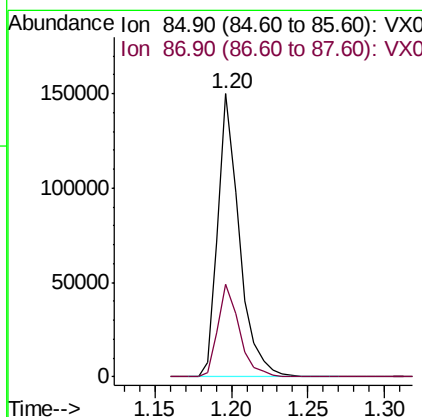
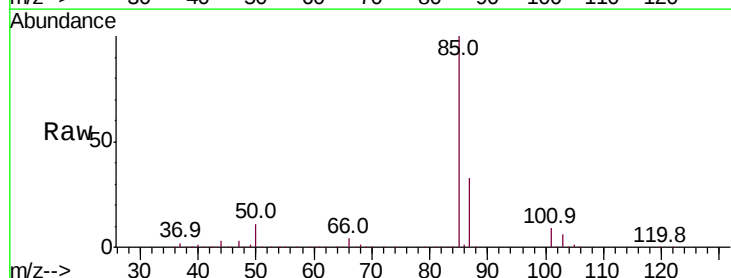
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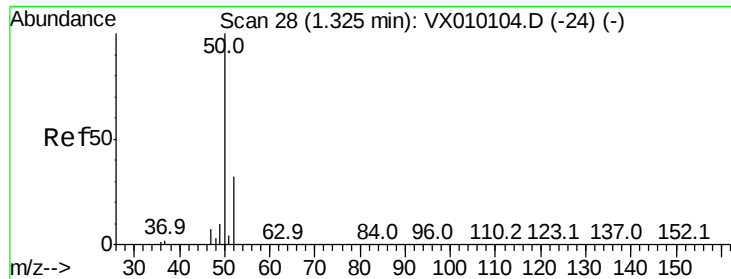
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#2
Dichlorodifluoromethane
Concen: 52.491 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.1	48.2





#3

Chloromethane

Concen: 47.410 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 131169

Ion Ratio Lower Upper

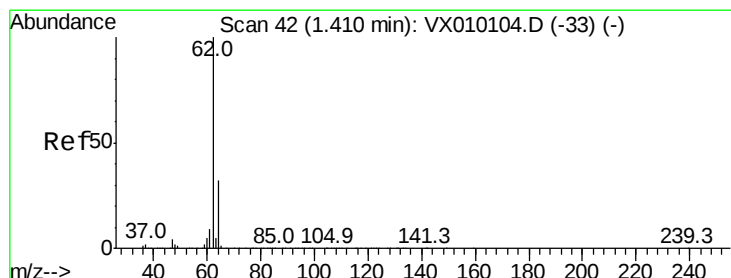
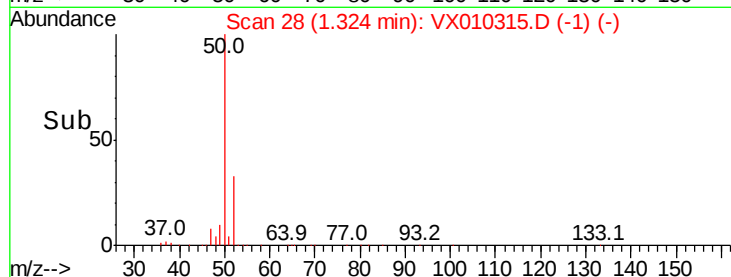
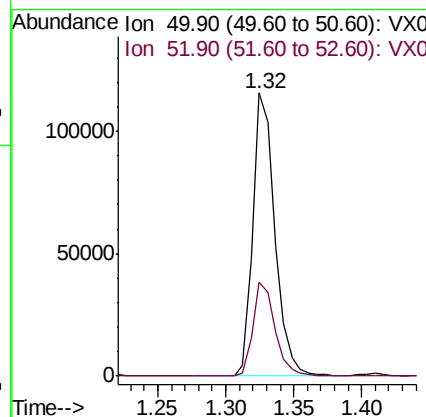
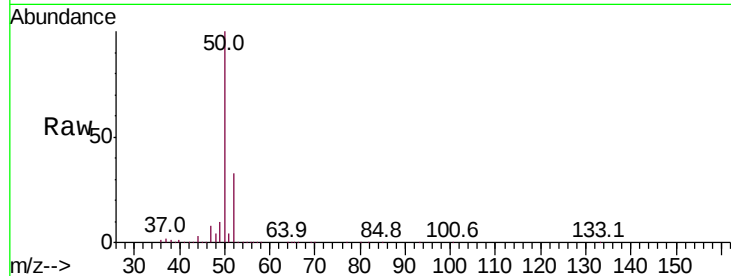
50 100

52 33.2 26.0 39.0

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#4

Vinyl Chloride

Concen: 54.623 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010315.D

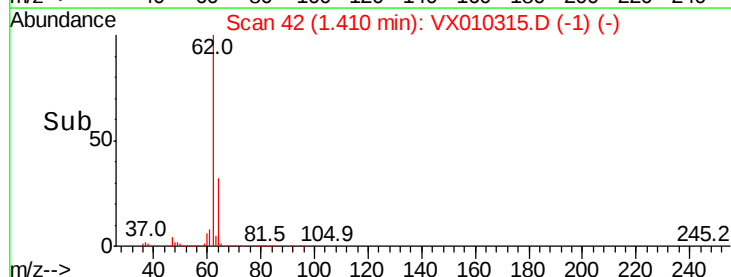
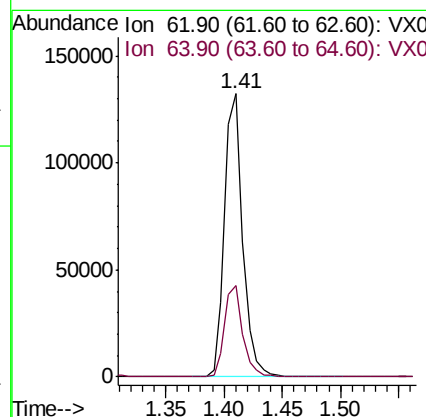
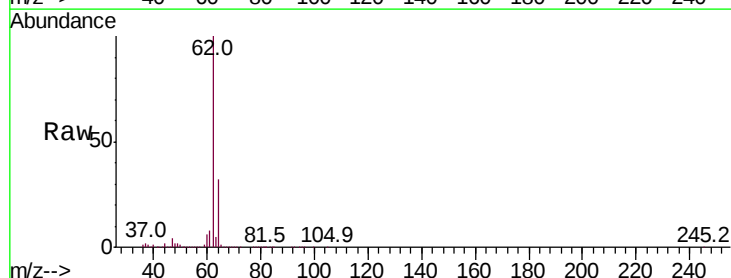
Acq: 17 Jun 2019 11:12

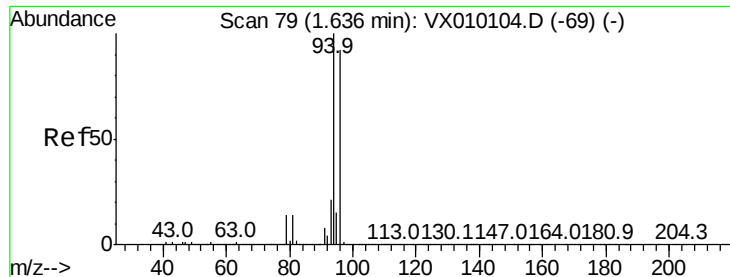
Tgt Ion: 62 Resp: 142037

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 60.922 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 59779

Ion Ratio Lower Upper

94 100

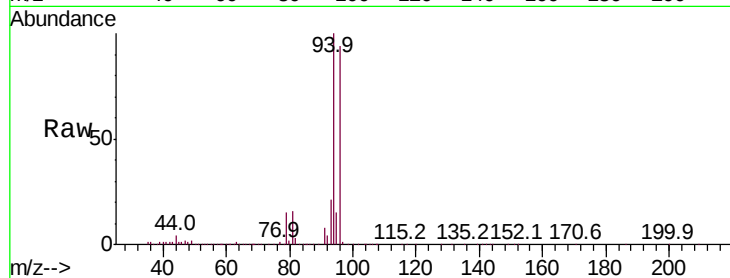
96 93.8 76.2 114.4

Manual Integrations

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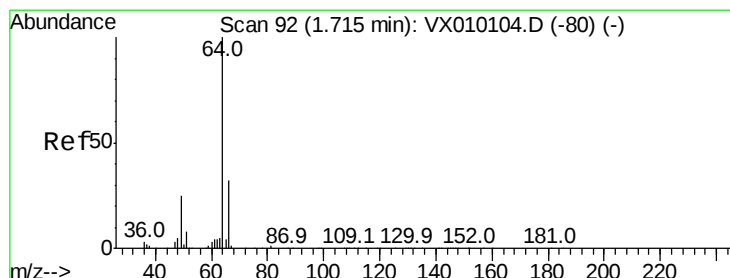
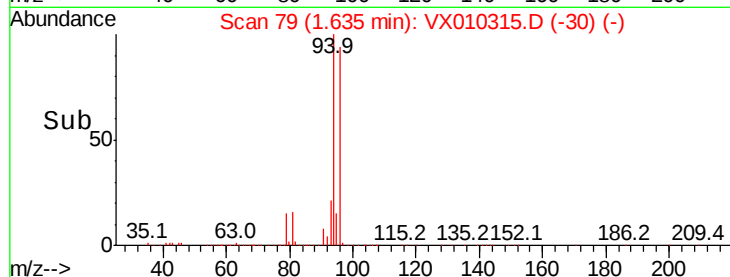
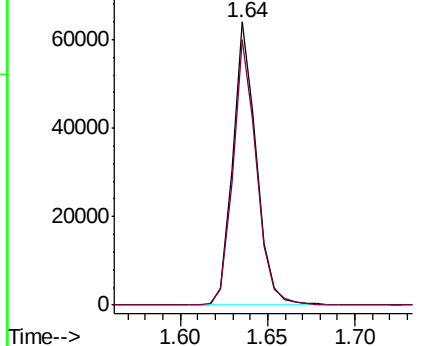
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 66.146 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010315.D

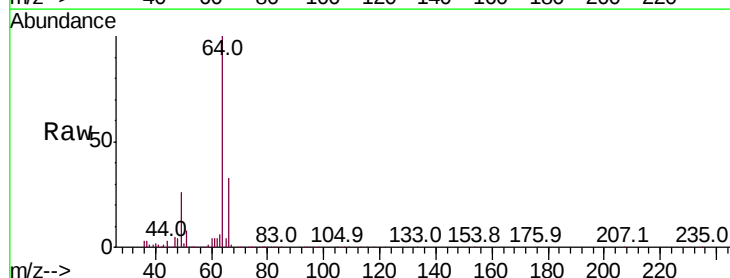
Acq: 17 Jun 2019 11:12

Tgt Ion: 64 Resp: 86718

Ion Ratio Lower Upper

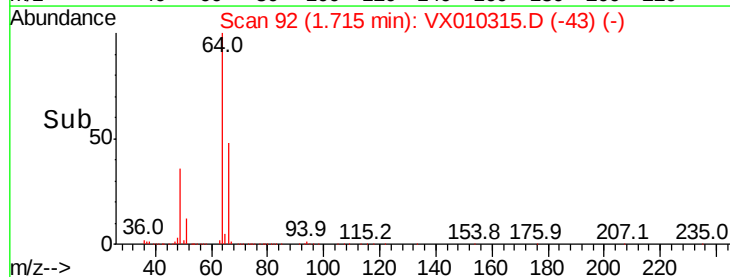
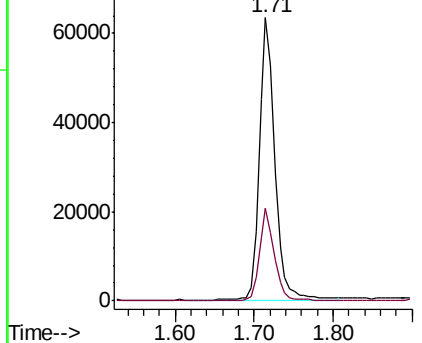
64 100

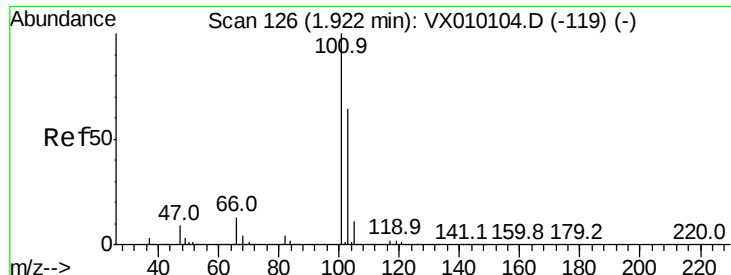
66 32.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

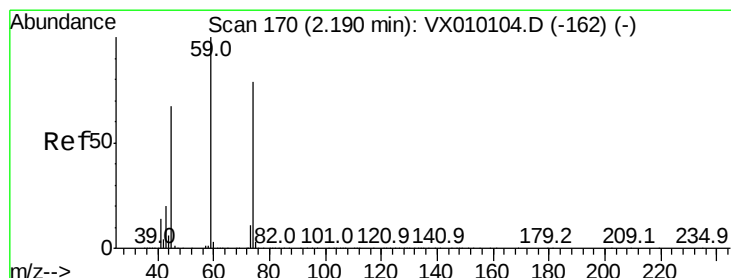
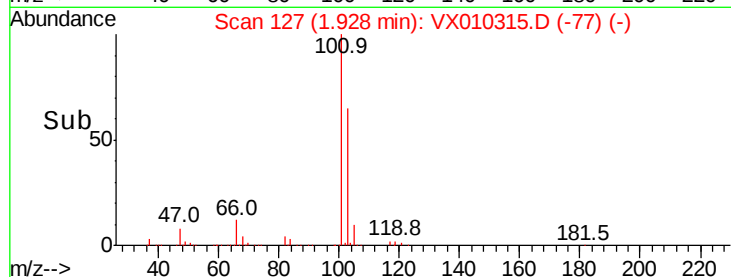
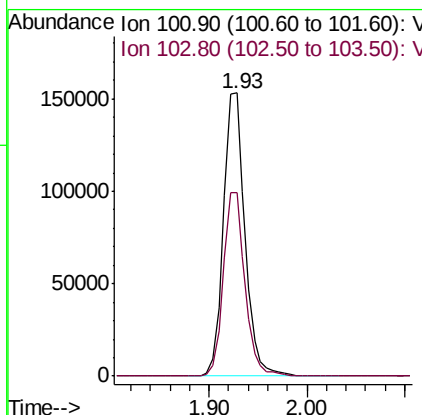
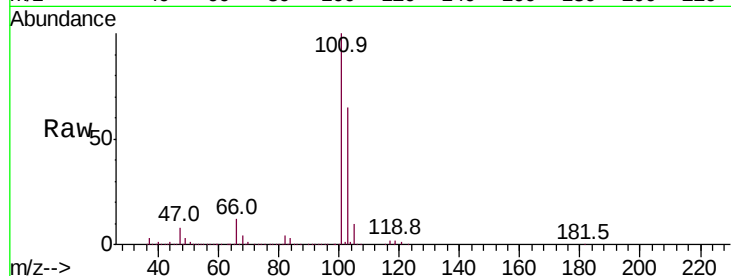
Trichlorofluoromethane
Concen: 60.592 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

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MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.2	78.4

Manual Integrations
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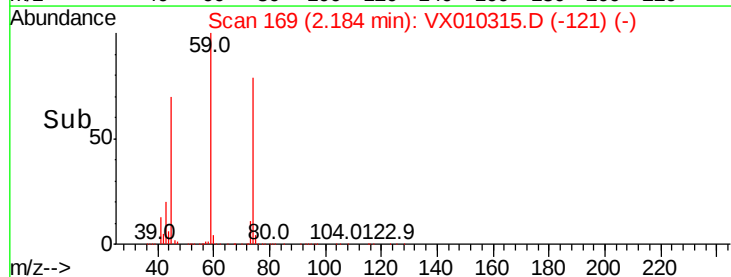
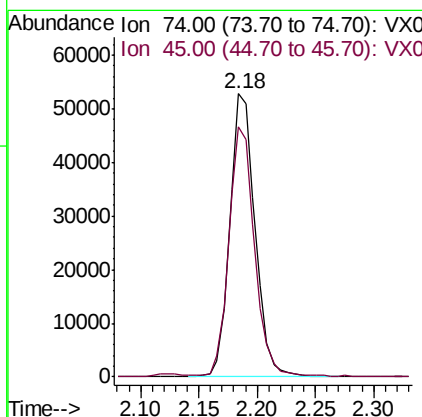
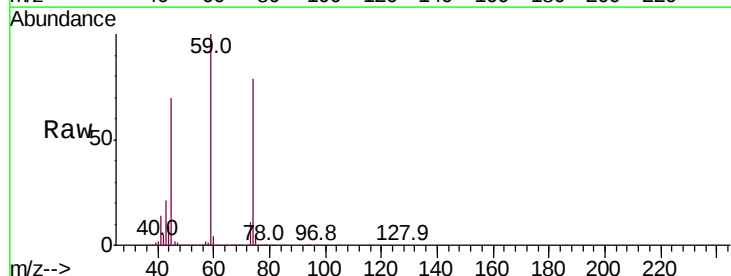
MMDadoda
6/18/2019 11:26:19 AM

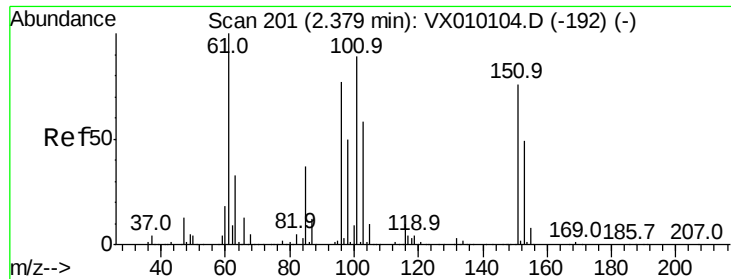


#8

Diethyl Ether
Concen: 59.792 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.2	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.723 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

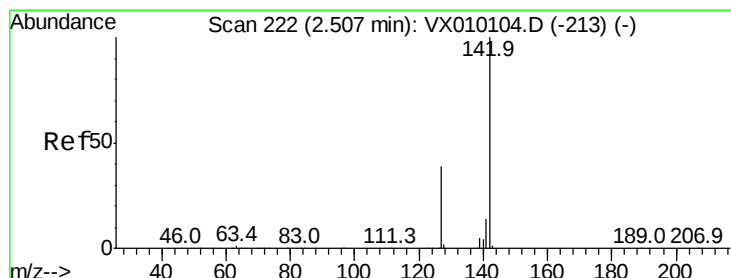
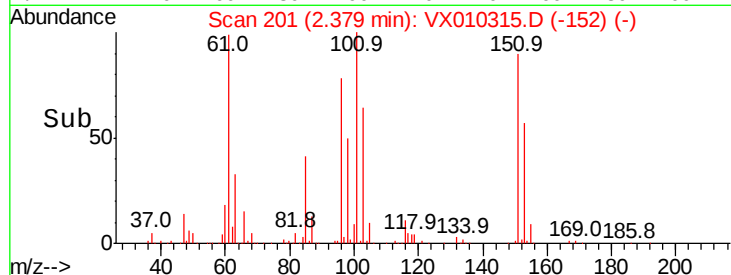
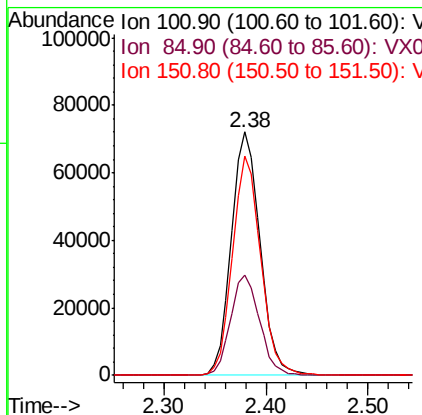
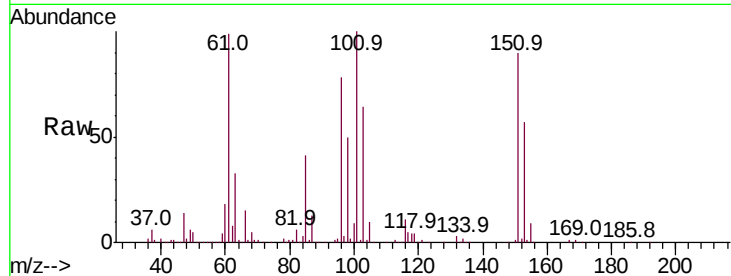
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	140377
Ion Ratio	Lower	Upper	
101	100		
85	41.6	35.2	52.8
151	88.5	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 44.774 ug/l

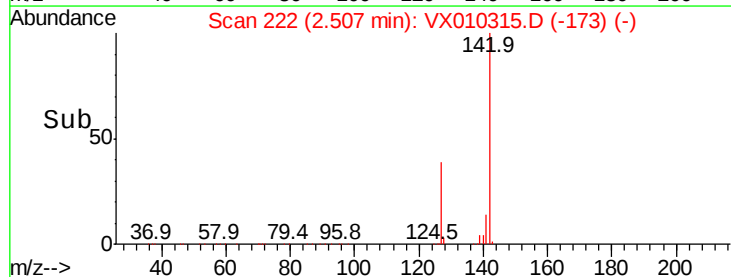
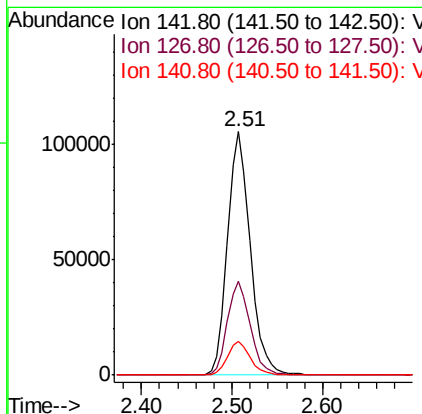
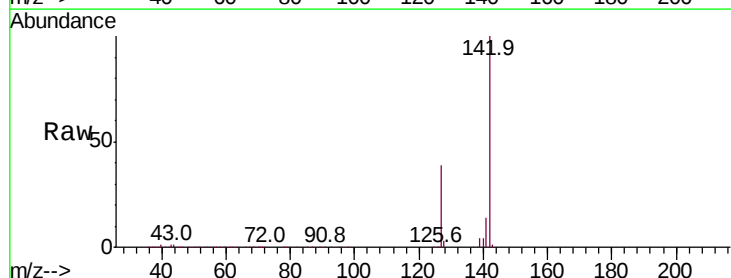
RT: 2.51 min Scan# 222

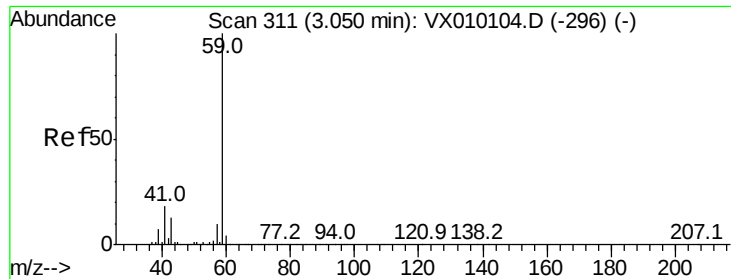
Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Tgt Ion:	142	Resp:	184706
Ion Ratio	Lower	Upper	
142	100		
127	38.8	33.0	49.4
141	13.9	11.4	17.0





#11

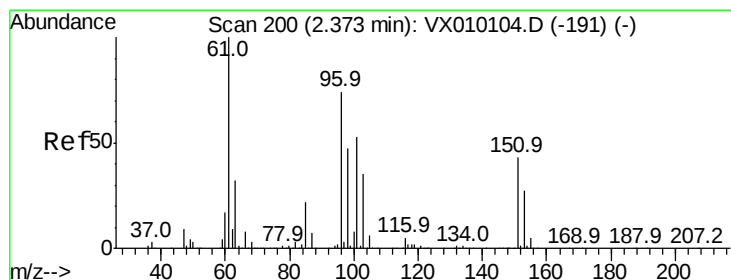
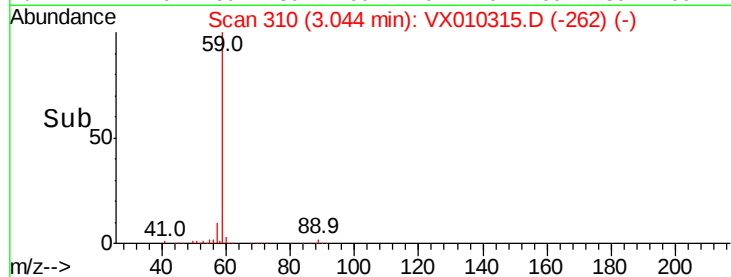
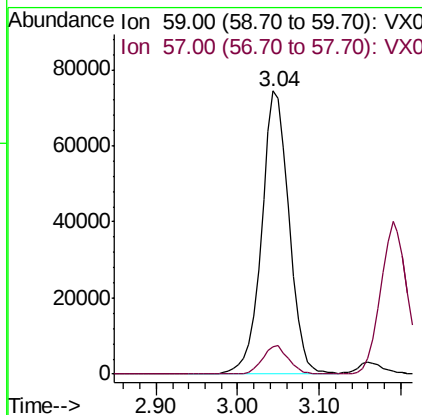
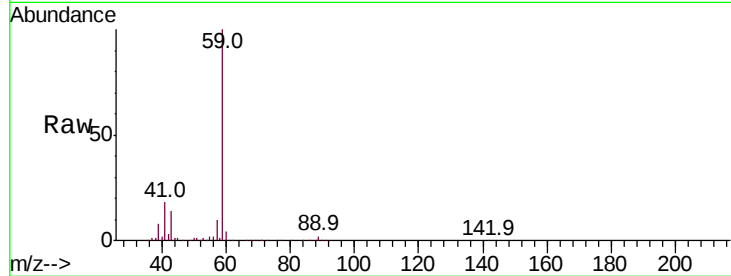
Tert butyl alcohol
Concen: 239.988 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.2

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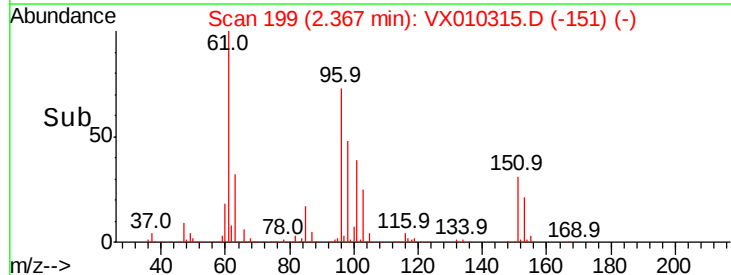
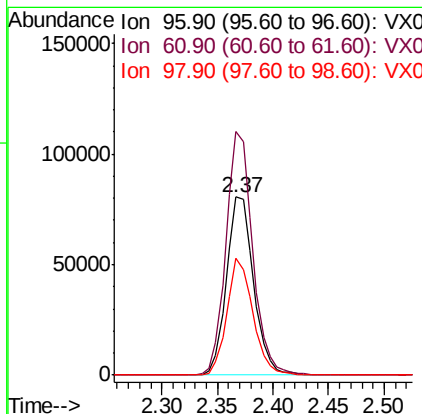
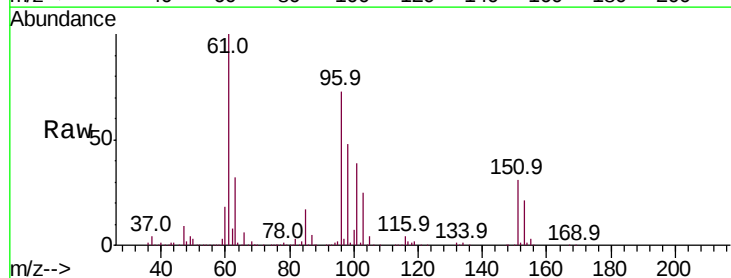
MMDadoda
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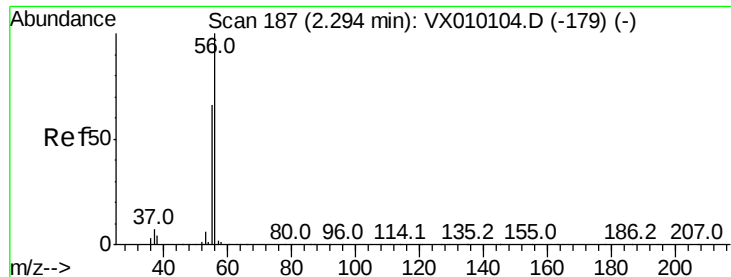


#12

1,1-Dichloroethene
Concen: 49.870 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.8	140.7	211.1#
98	65.9	50.1	75.1





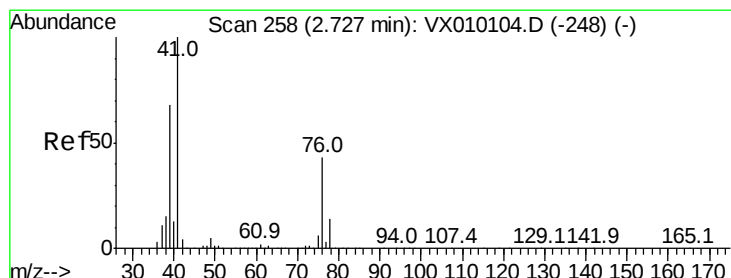
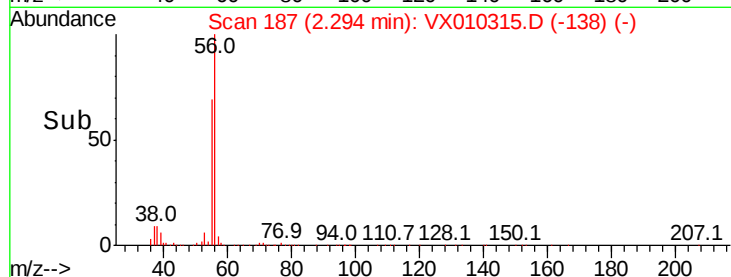
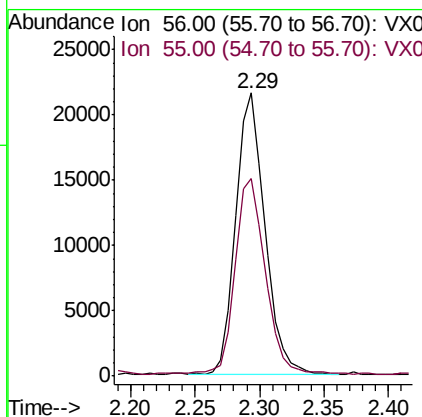
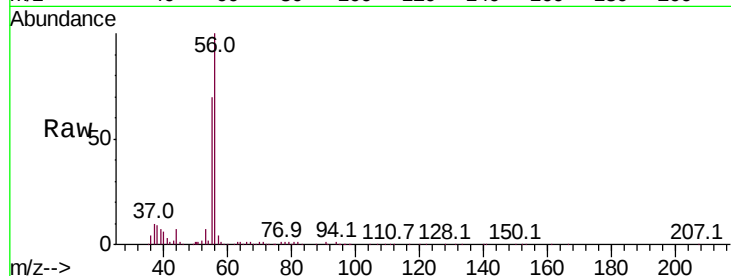
#13
Acrolein
Concen: 257.451 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.8	57.0	85.4

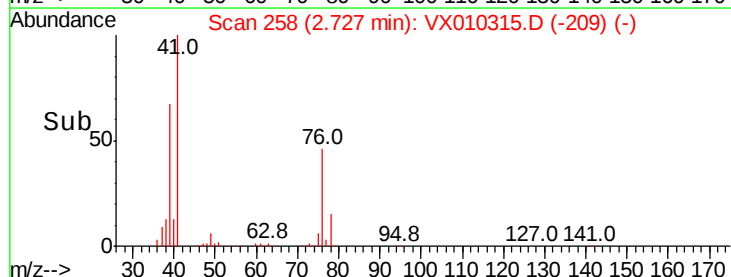
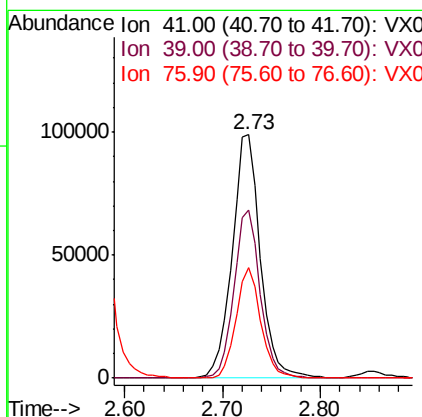
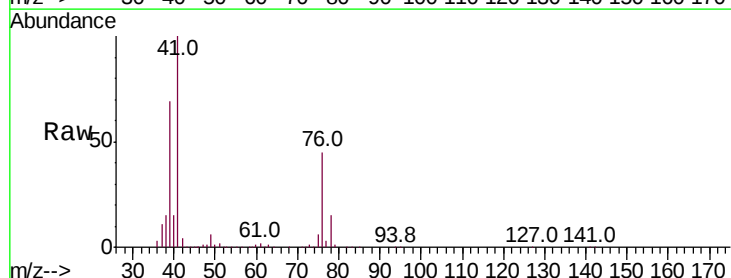
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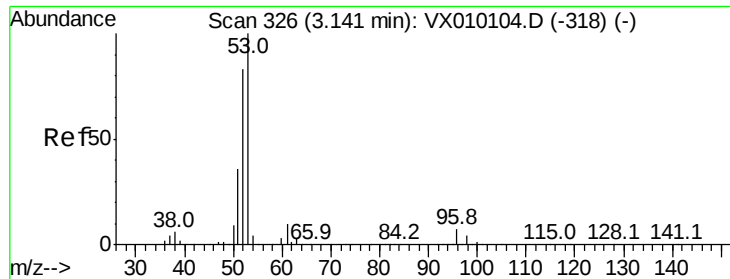
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#14
Allyl chloride
Concen: 47.988 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.1	46.7	70.1
76	39.8	21.0	31.4#





#15

Acrylonitrile

Concen: 251.809 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

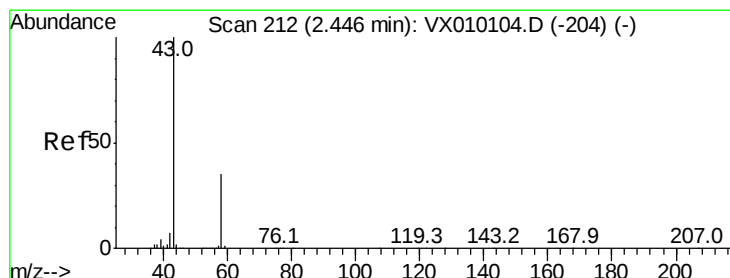
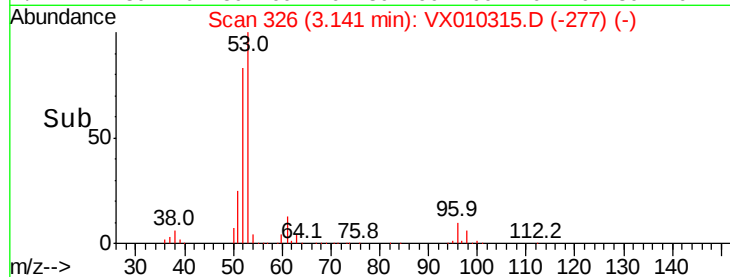
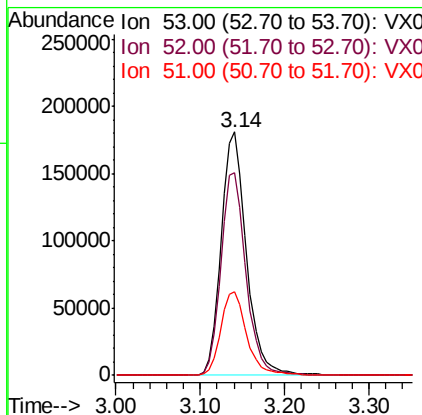
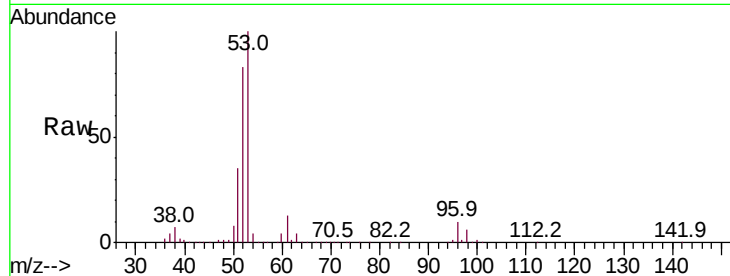
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	372624
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.7	100.1
51	35.2	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 261.965 ug/l

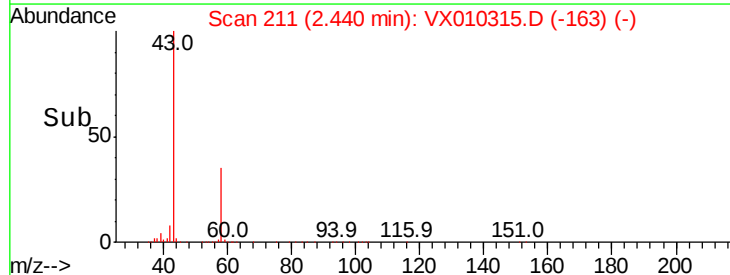
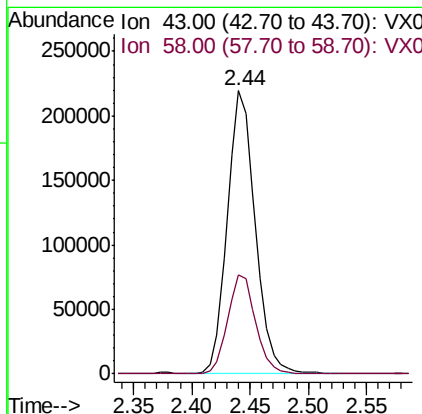
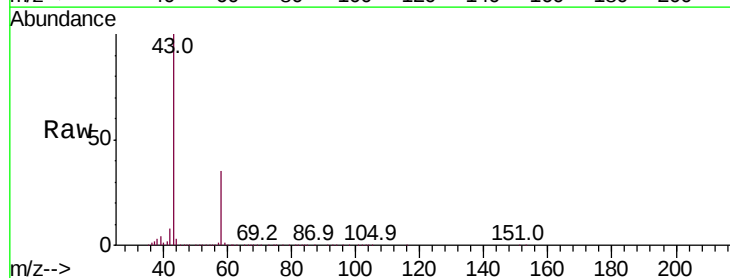
RT: 2.44 min Scan# 211

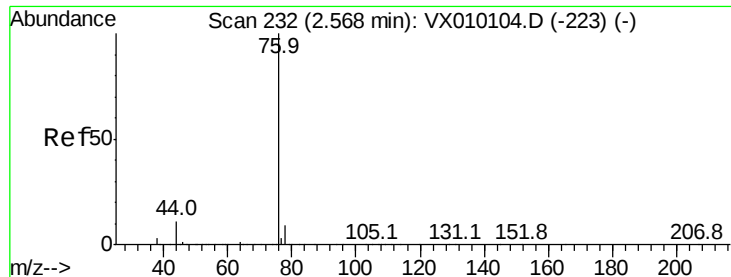
Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Tgt Ion:	43	Resp:	364135
Ion Ratio	Lower	Upper	
43	100		
58	35.2	23.2	34.8#





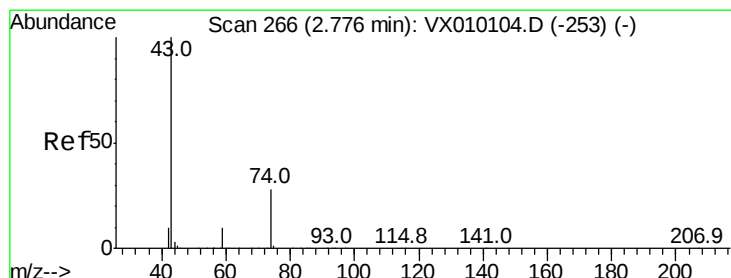
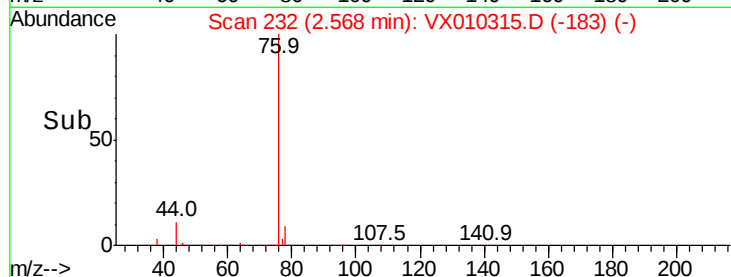
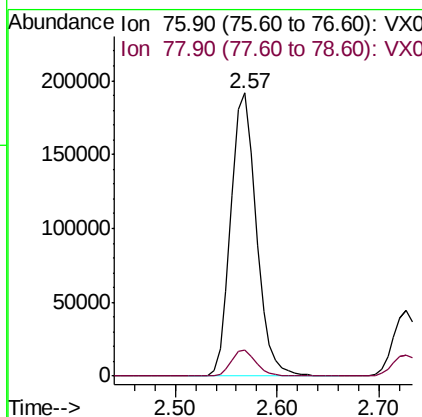
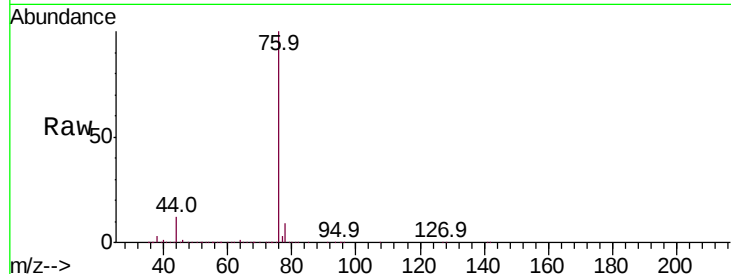
#17
Carbon Disulfide
Concen: 42.208 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

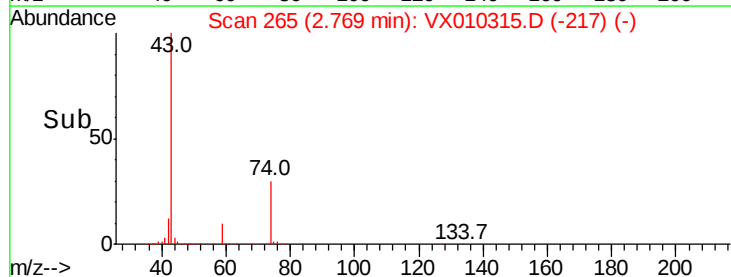
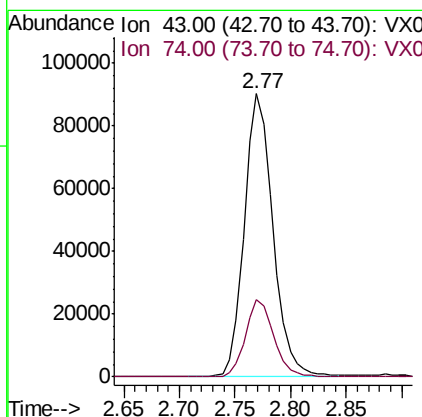
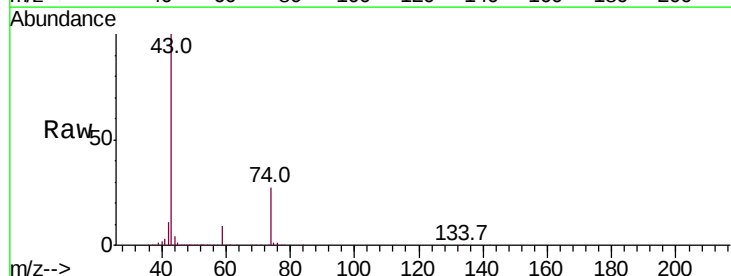
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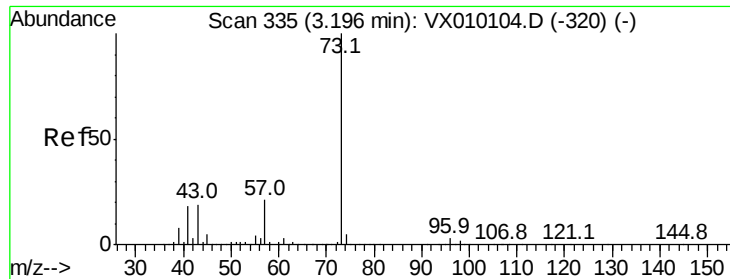
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#18
Methyl Acetate
Concen: 52.515 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	15.8	23.6#





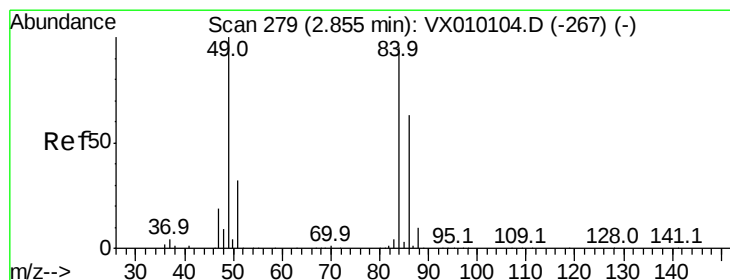
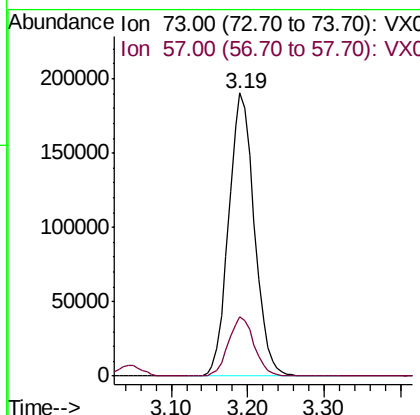
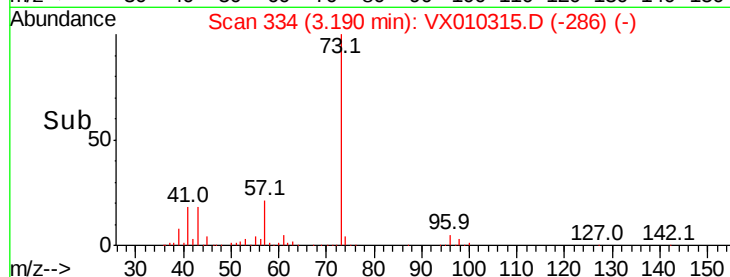
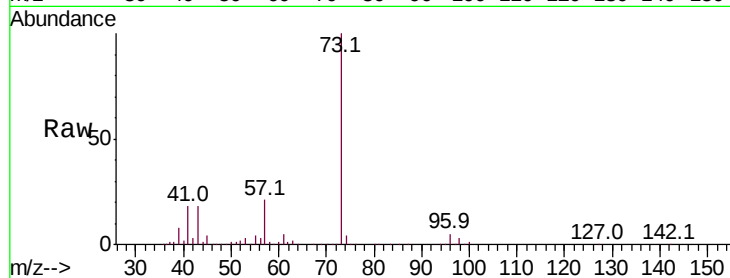
#19
Methvl tert-butvl Ether
Concen: 50.541 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 441568
Ion Ratio Lower Upper
73 100
57 21.0 19.4 29.2

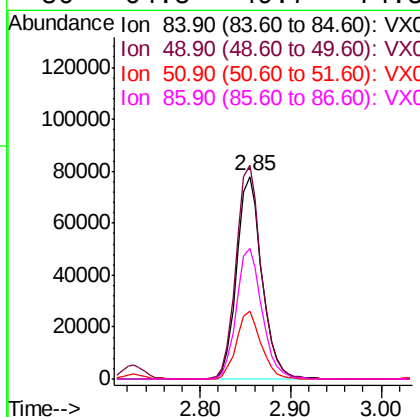
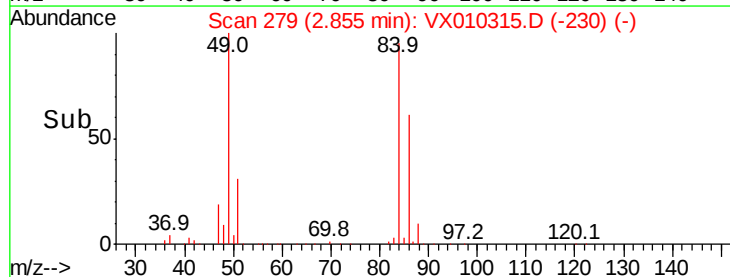
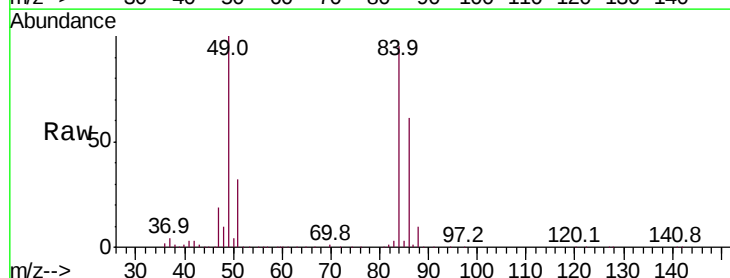
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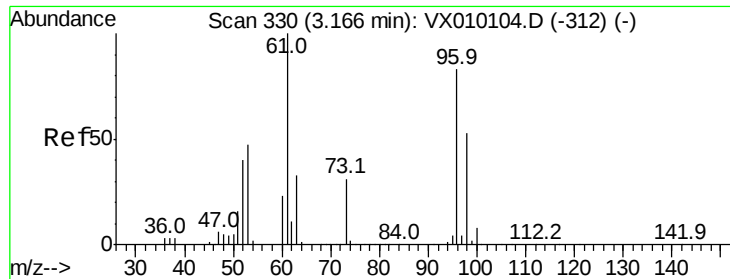
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#20
Methylene Chloride
Concen: 49.294 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 84 Resp: 150478
Ion Ratio Lower Upper
84 100
49 105.3 115.8 173.6#
51 33.1 34.4 51.6#
86 64.5 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 47.769 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

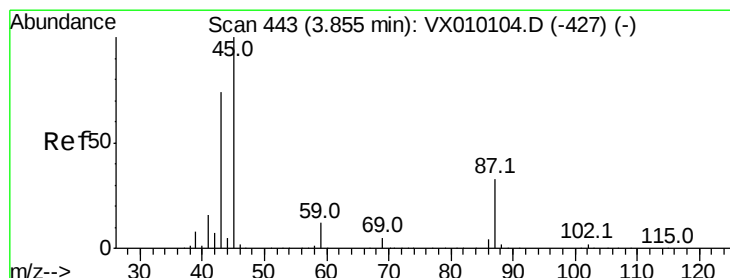
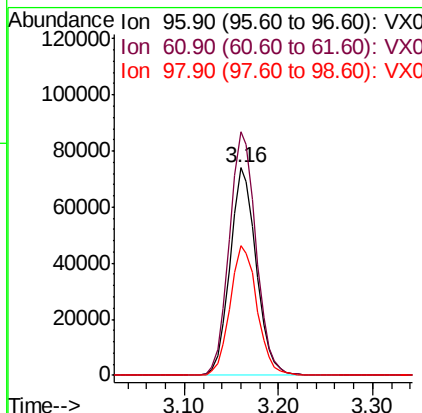
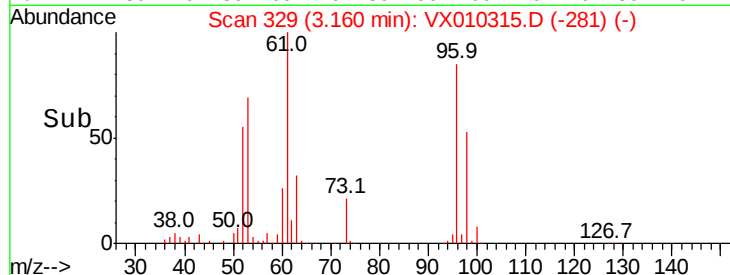
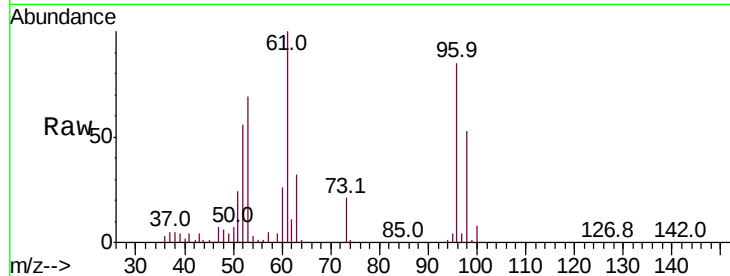
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	143764
Ion Ratio	Lower	Upper	
96	100		
61	117.2	125.7	188.5#
98	62.2	49.0	73.6

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#22

Diisopropyl ether

Concen: 52.864 ug/l

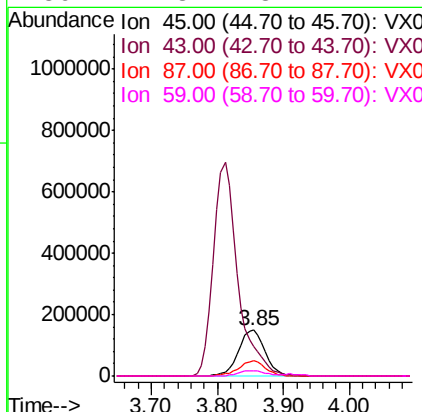
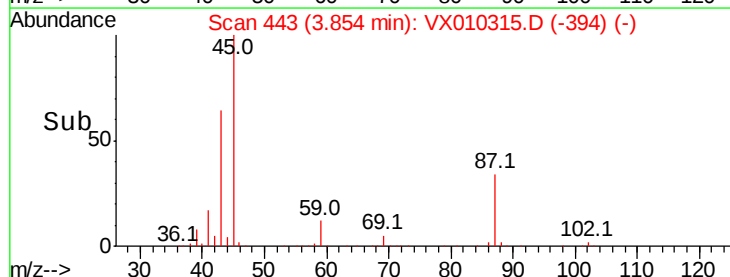
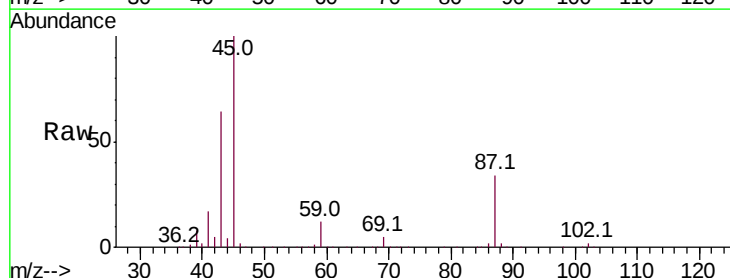
RT: 3.85 min Scan# 443

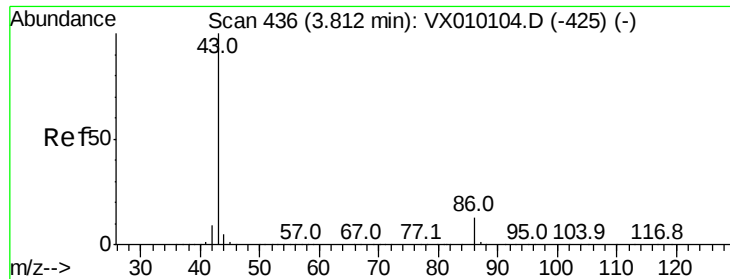
Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Tgt Ion:	45	Resp:	414903
Ion Ratio	Lower	Upper	
45	100		
43	64.2	65.0	97.4#
87	34.1	17.3	25.9#
59	12.3	8.1	12.1#





#23

Vinyl Acetate

Concen: 256.793 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1797991

Ion Ratio Lower Upper

43 100

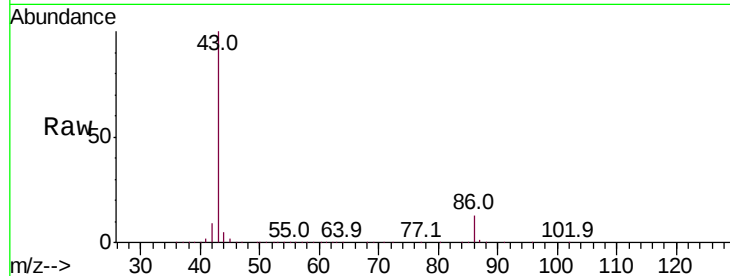
86 12.5 6.5 9.7#

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

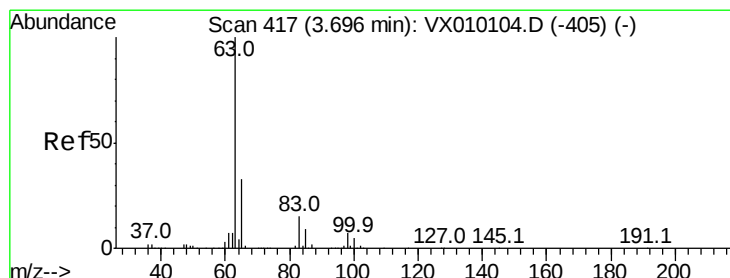
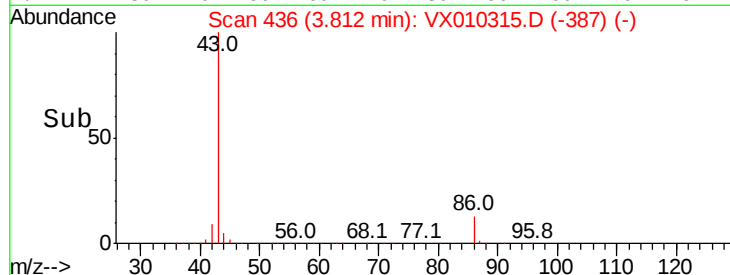
400000

200000

0

3.81

Time-->



#24

1,1-Dichloroethane

Concen: 49.854 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

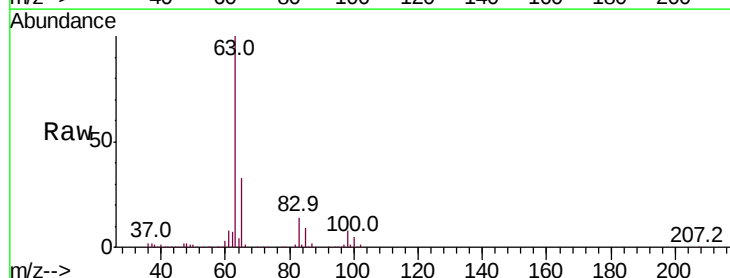
Tgt Ion: 63 Resp: 237569

Ion Ratio Lower Upper

63 100

98 7.5 2.9 8.8

100 4.7 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

60000

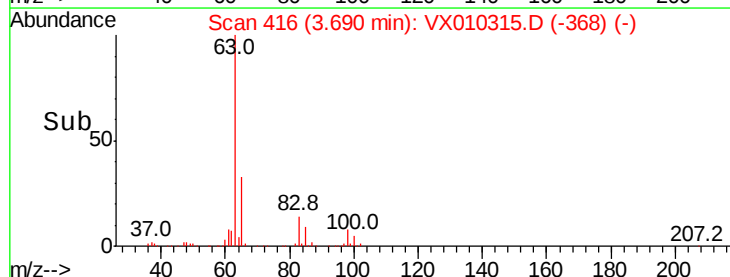
40000

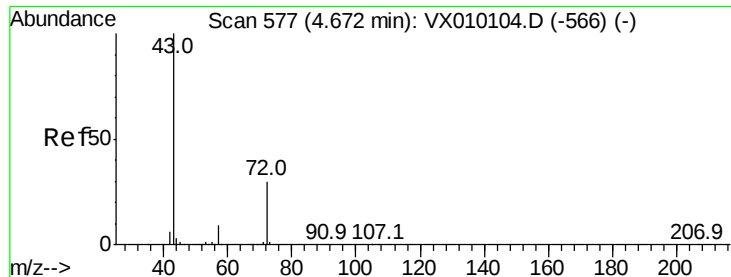
20000

0

3.69

Time-->





#25

2-Butanone

Concen: 258.690 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 535450

Ion Ratio Lower Upper

43 100

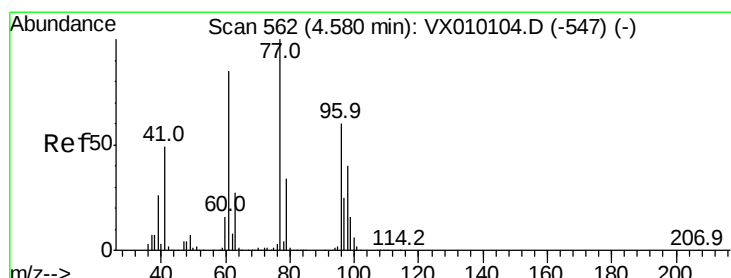
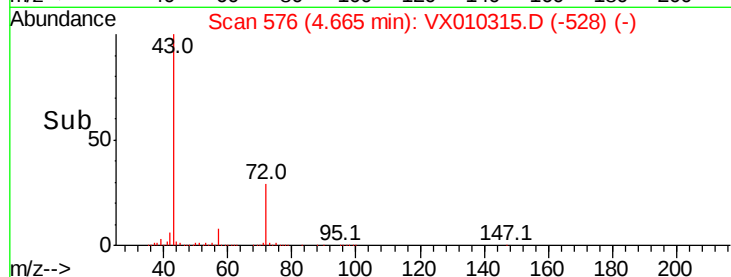
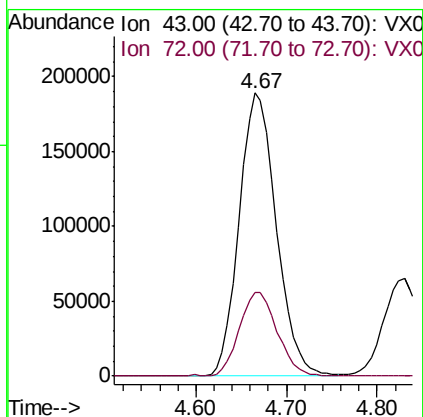
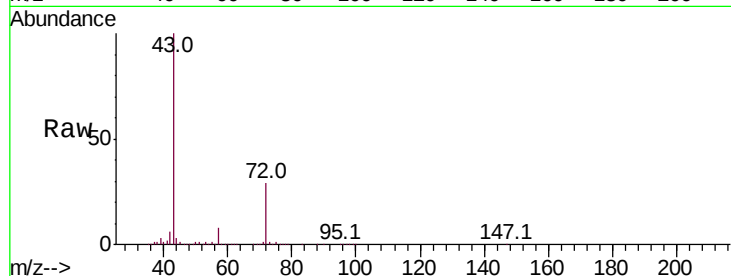
72 29.3 17.5 26.3#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.022 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010315.D

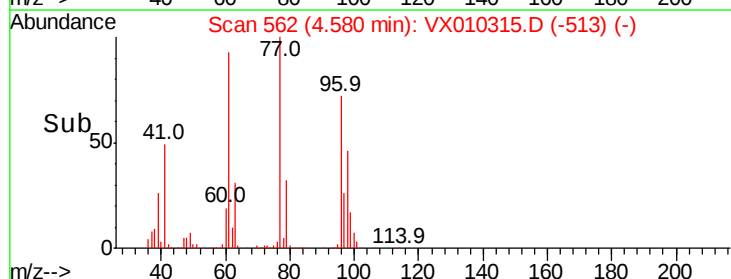
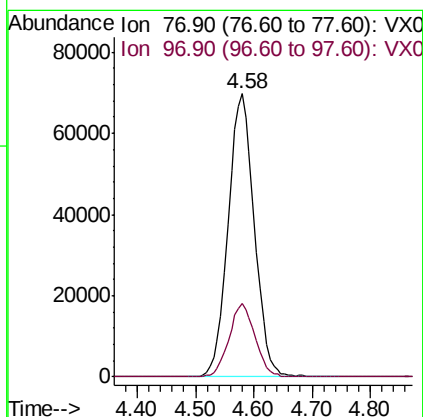
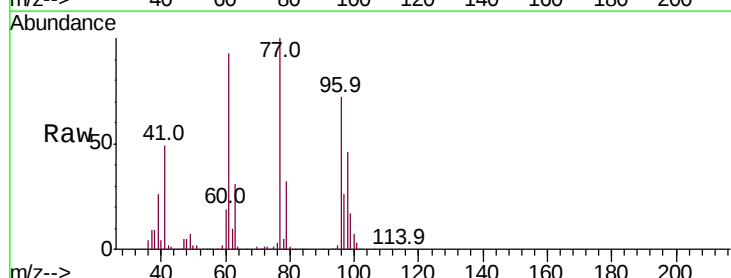
Acq: 17 Jun 2019 11:12

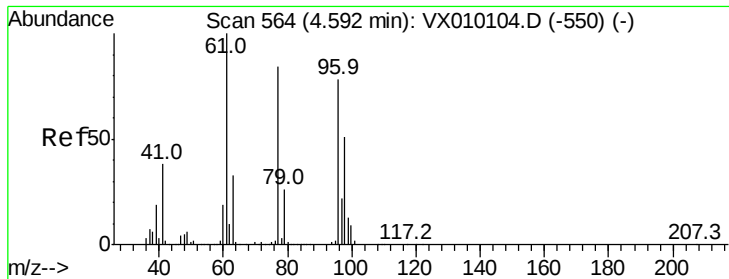
Tgt Ion: 77 Resp: 217462

Ion Ratio Lower Upper

77 100

97 25.7 11.4 34.2





#27

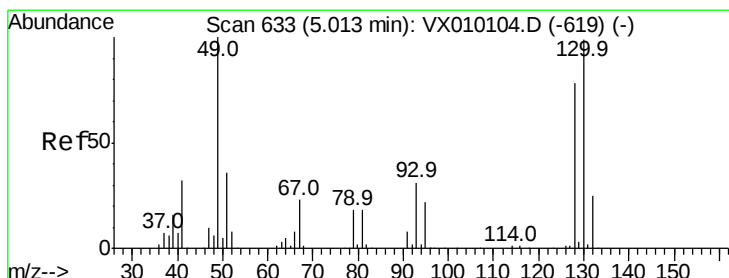
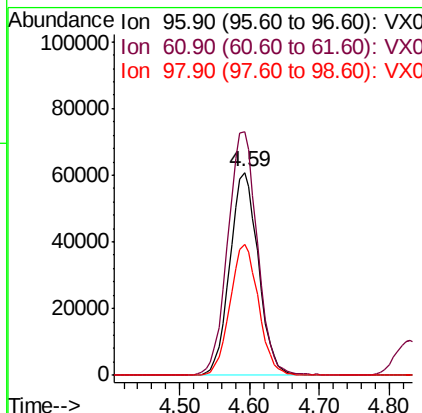
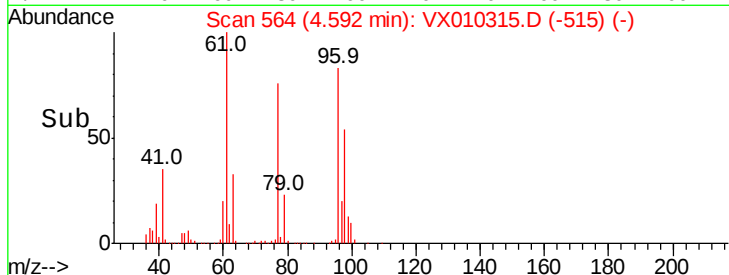
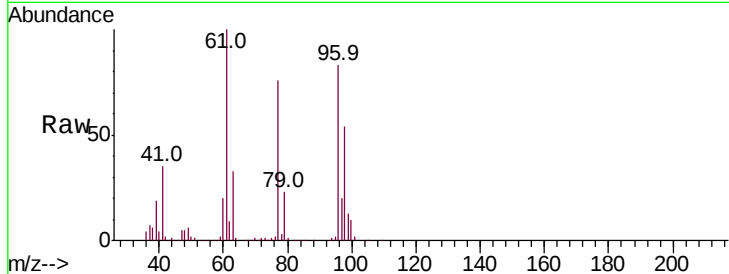
cis-1,2-Dichloroethene
 Concen: 51.529 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	172520		
61	124.6	0.0	334.0	
98	64.4	0.0	131.6	

Manual Integrations
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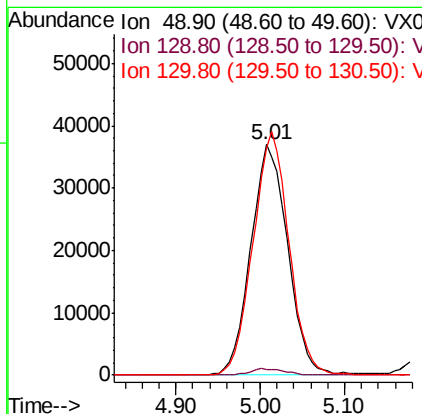
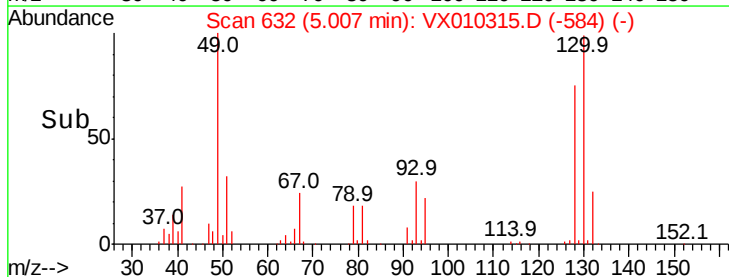
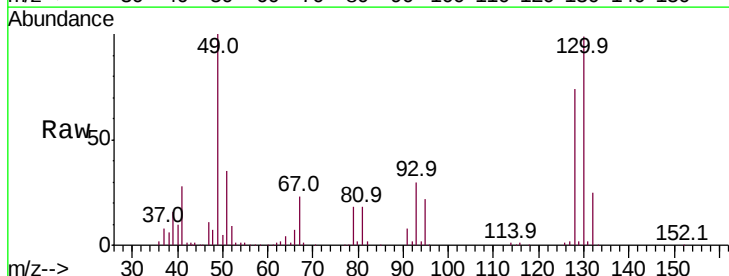
MMDadoda
 6/18/2019 11:26:19 AM

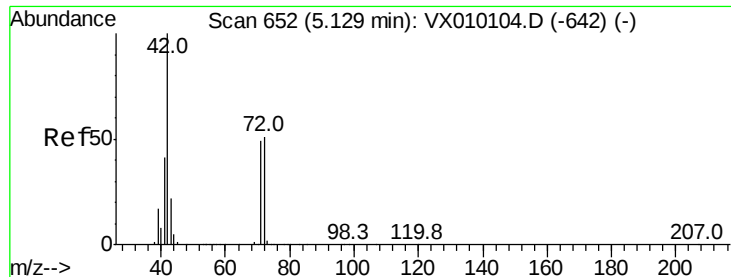


#28

Bromochloromethane
 Concen: 51.731 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	110480		
129	2.7	0.0	3.4	
130	102.8	49.4	74.2#	





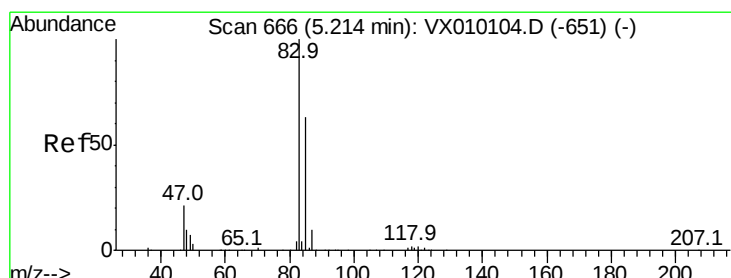
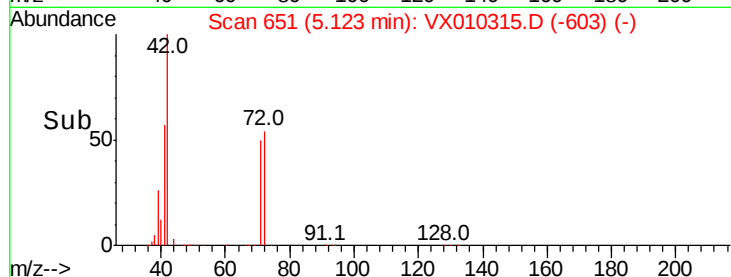
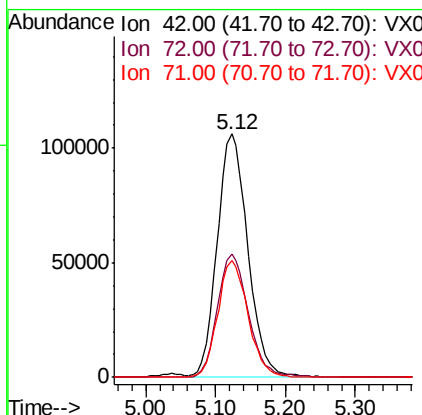
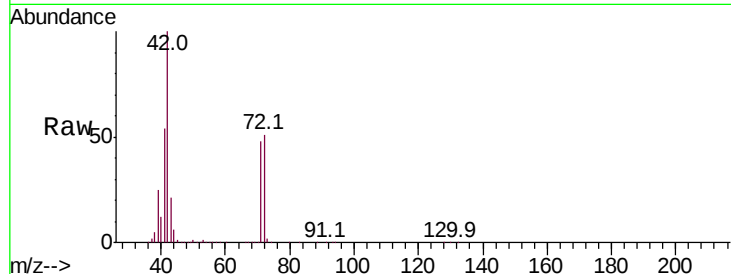
#29
Tetrahydrofuran
Concen: 247.067 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.8	29.2	43.8#
71	47.9	27.6	41.4#

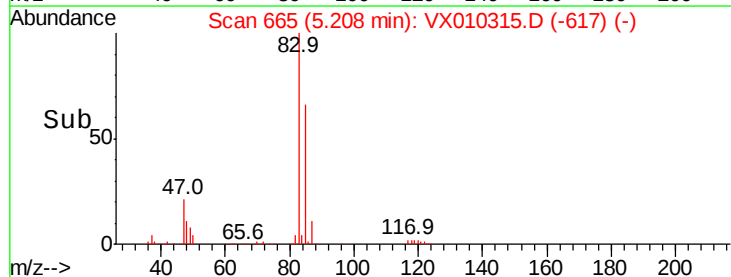
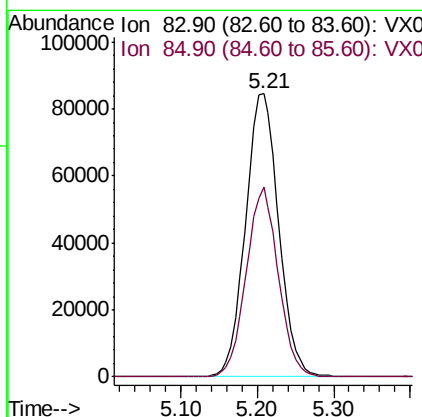
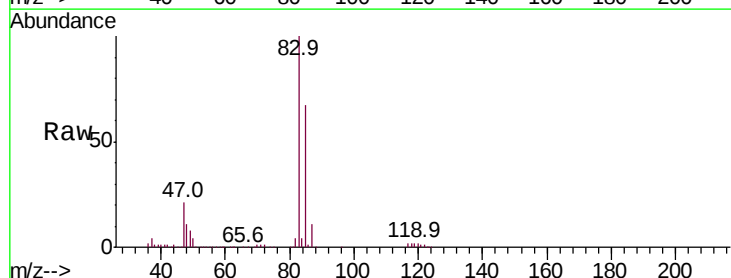
Manual Integrations
APPROVED

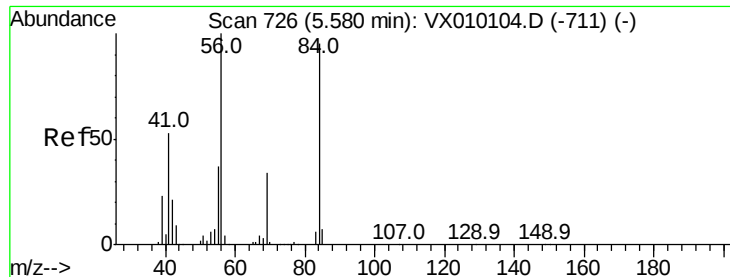
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#30
Chloroform
Concen: 51.597 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	52.6	78.8





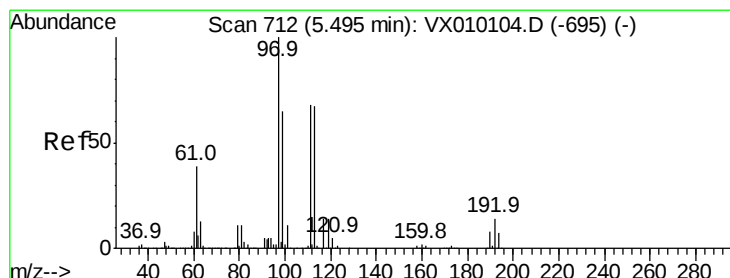
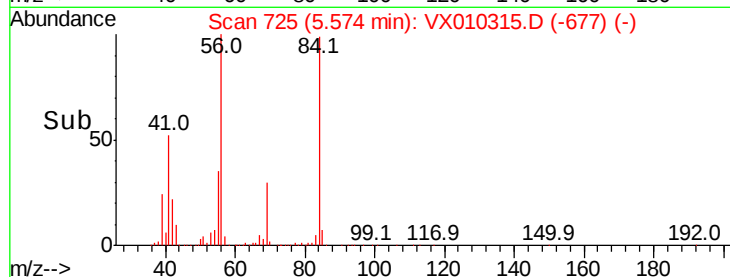
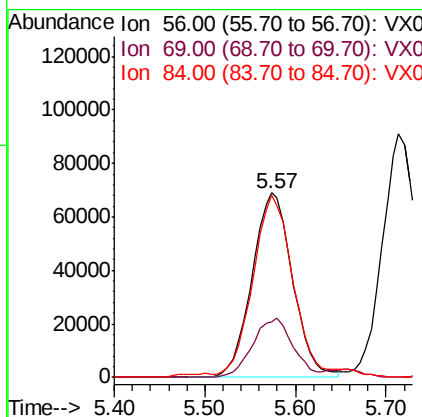
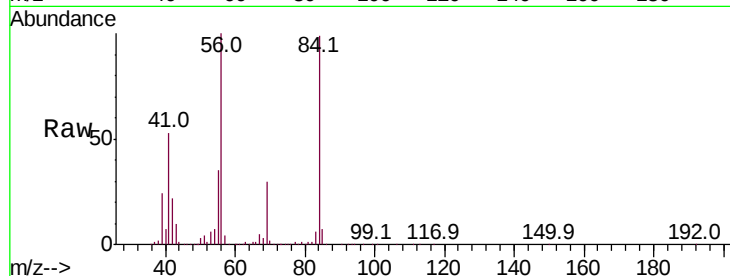
#31
Cyclohexane
Concen: 49.583 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	21.6	32.4
84	97.1	56.8	85.2#

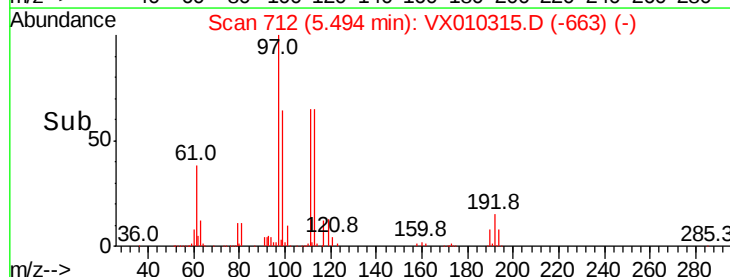
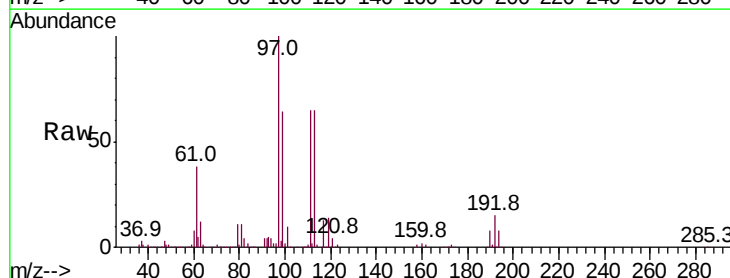
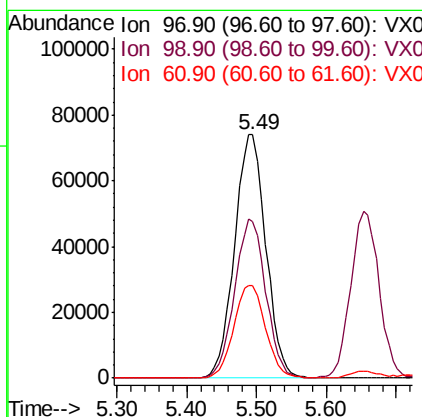
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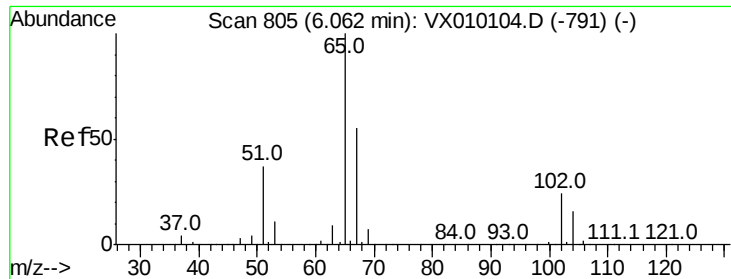
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#32
1,1,1-Trichloroethane
Concen: 49.347 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.0	76.4
61	39.0	38.7	58.1





#33

1,2-Dichloroethane-d4

Concen: 45.336 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

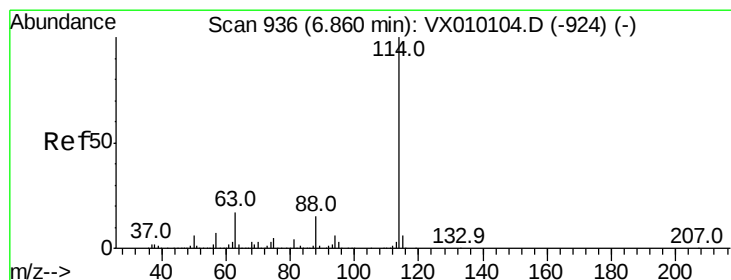
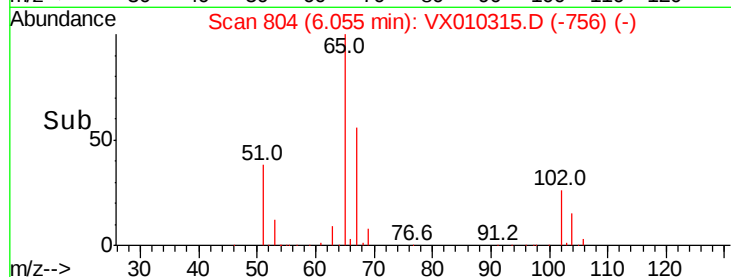
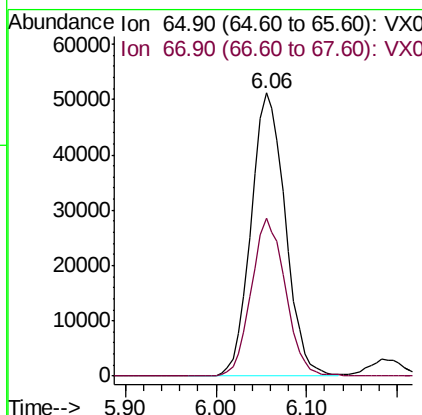
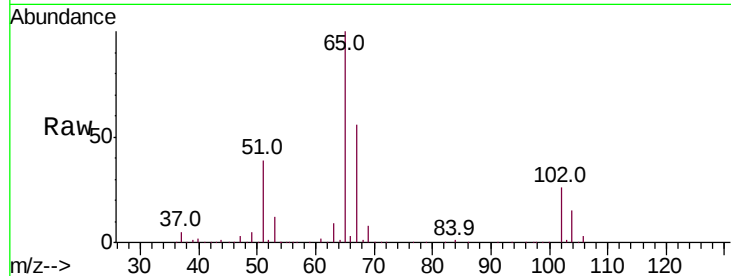
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	108.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

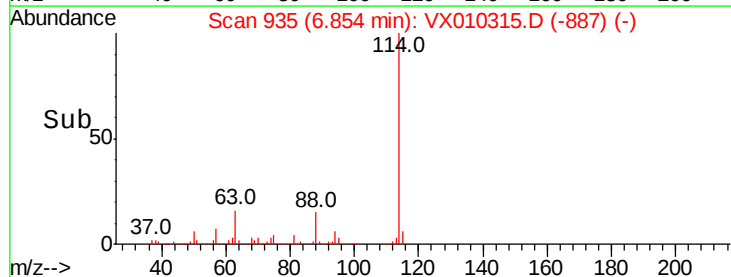
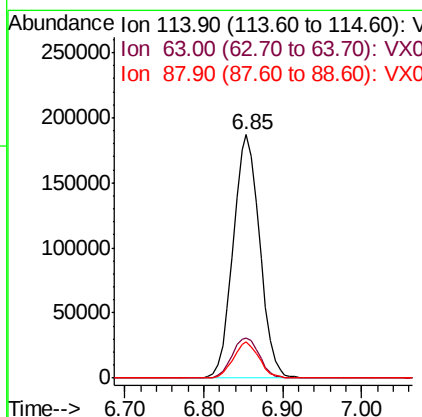
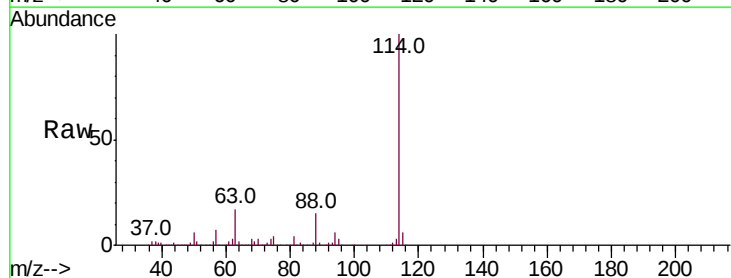
RT: 6.85 min Scan# 935

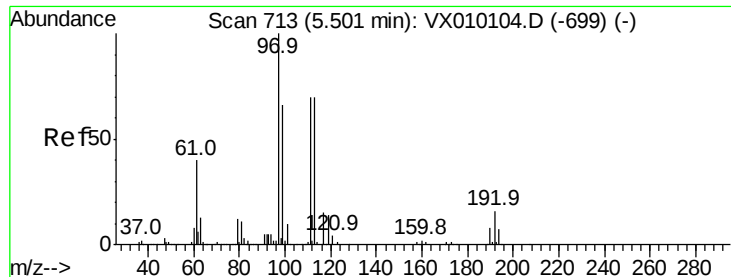
Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	47.4
88	14.8	0.0	33.0





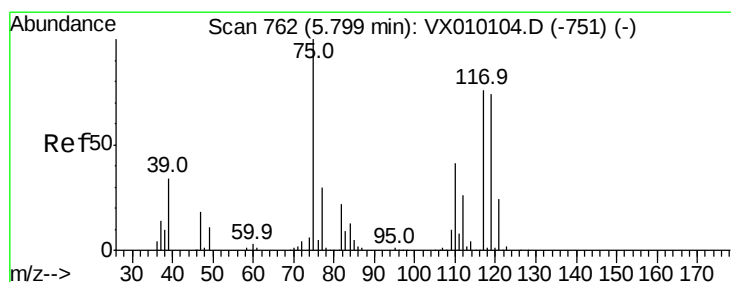
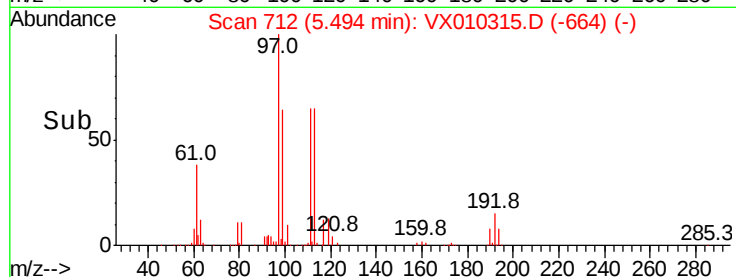
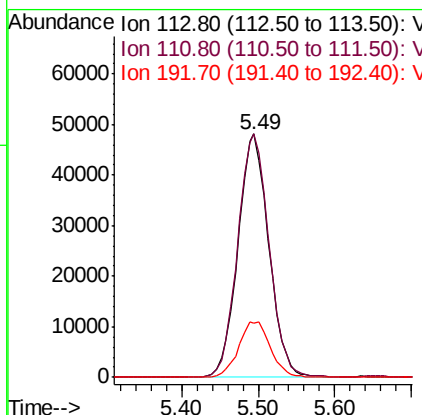
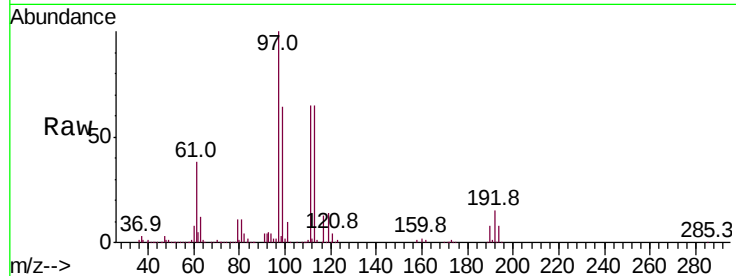
#35
Dibromofluoromethane
Concen: 49.972 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.2
192	23.6	17.1	25.7

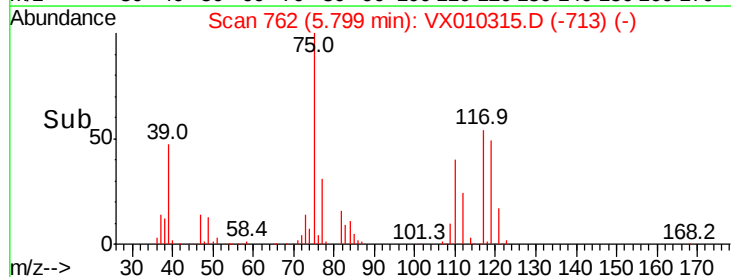
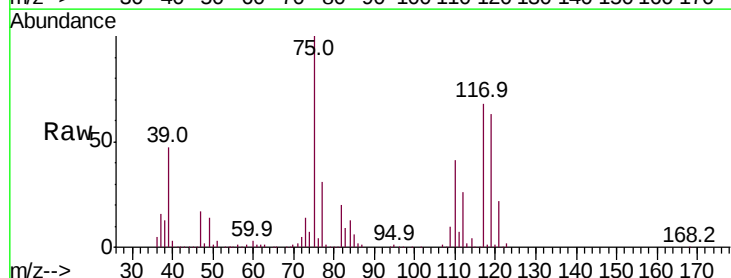
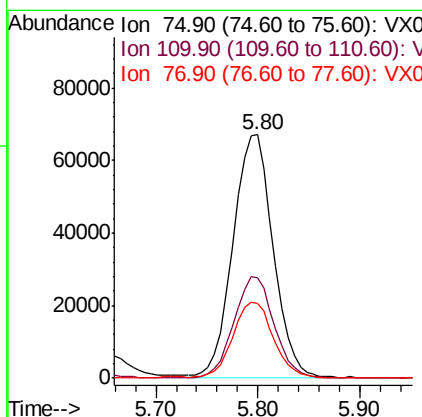
Manual Integrations
APPROVED

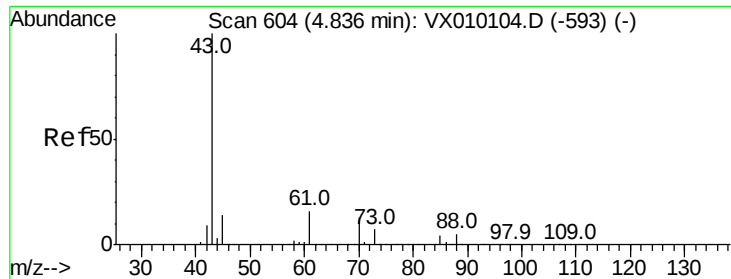
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#36
1,1-Dichloropropene
Concen: 51.028 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.0	16.7	50.1
77	32.1	25.0	37.4





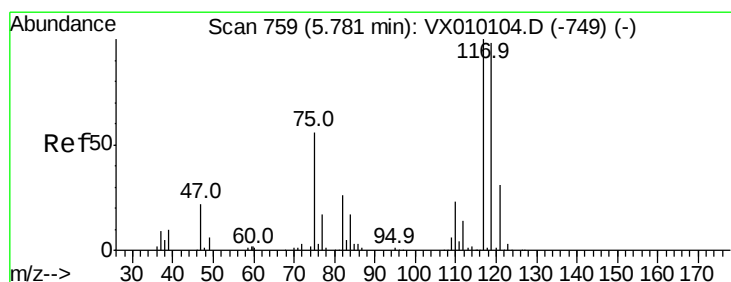
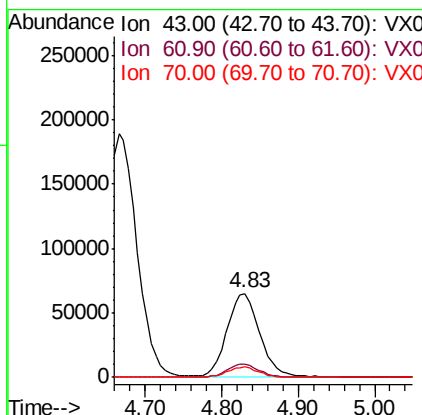
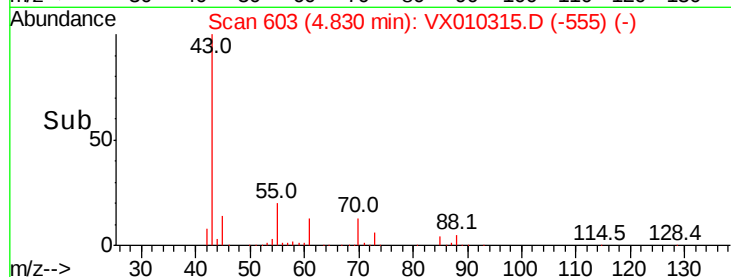
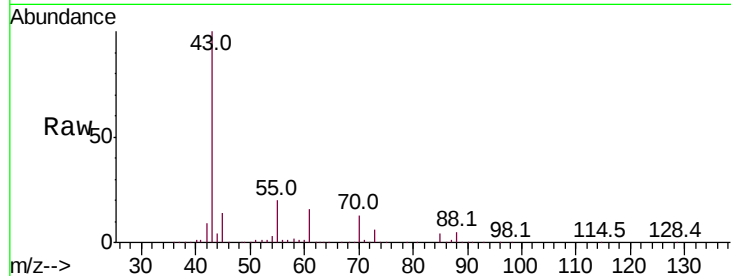
#37
Ethyl Acetate
Concen: 51.493 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	10.2	15.2#
70	12.3	7.4	11.2#

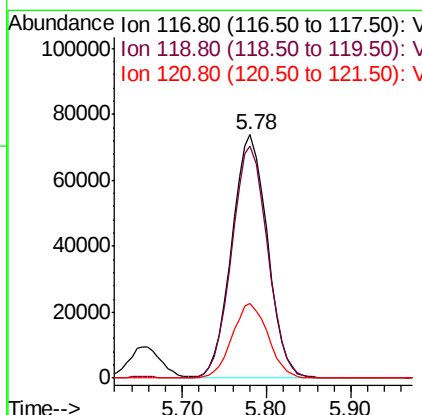
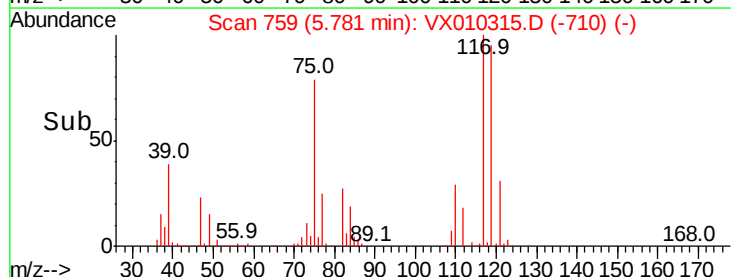
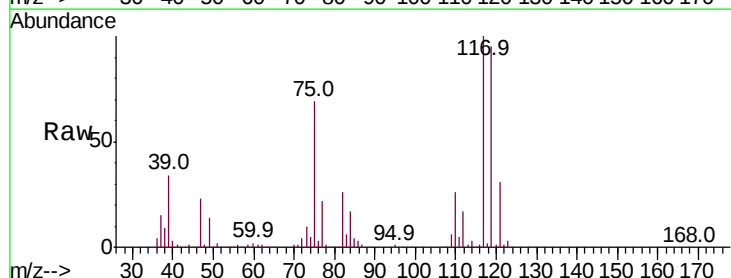
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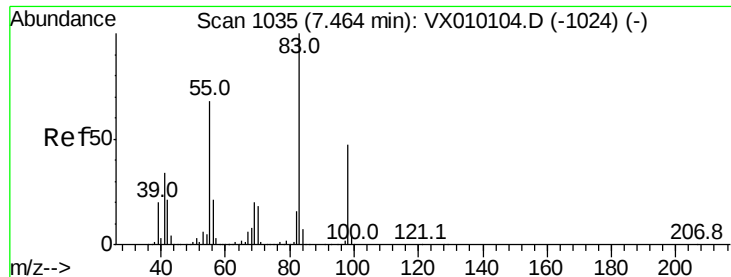
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#38
Carbon Tetrachloride
Concen: 52.321 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.3	115.9
121	30.7	25.4	38.0





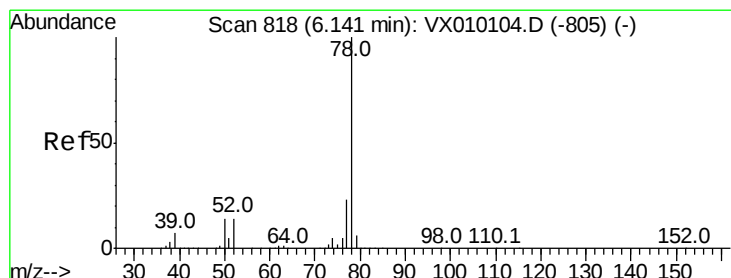
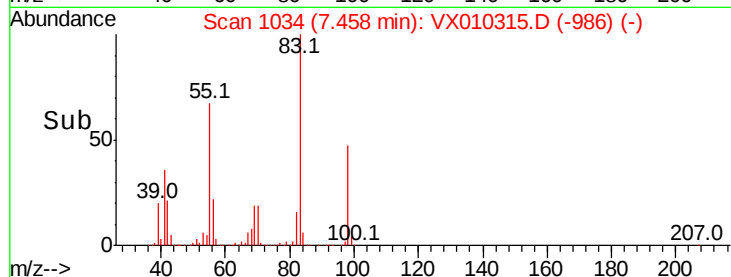
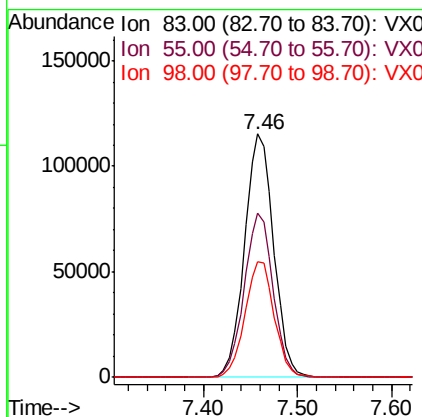
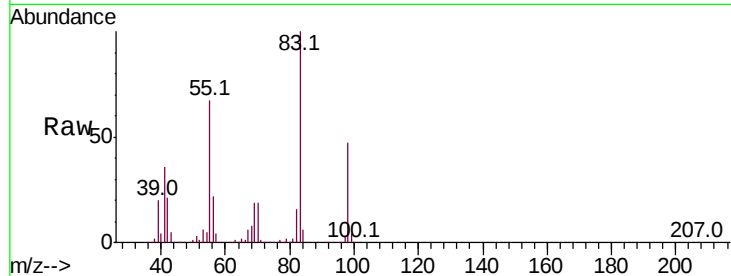
#39
Methvlcvclohexane
Concen: 51.393 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.3	69.9	104.9#
98	47.3	35.1	52.7

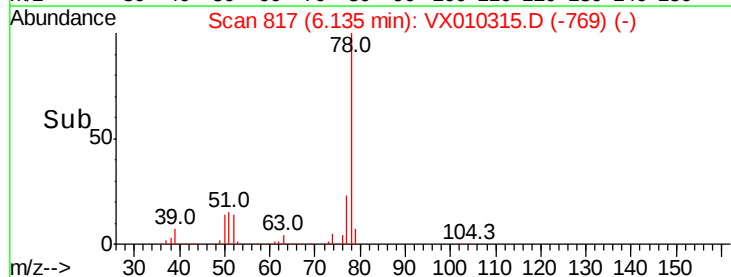
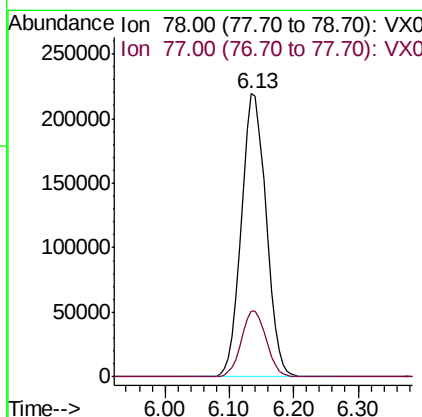
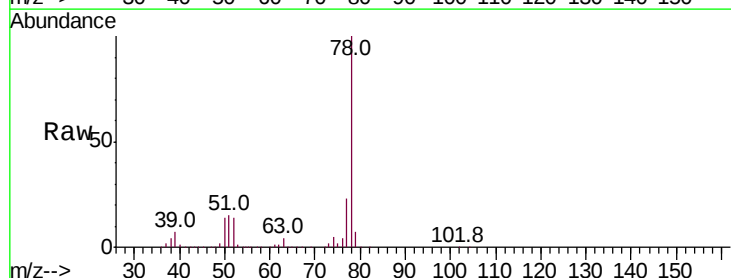
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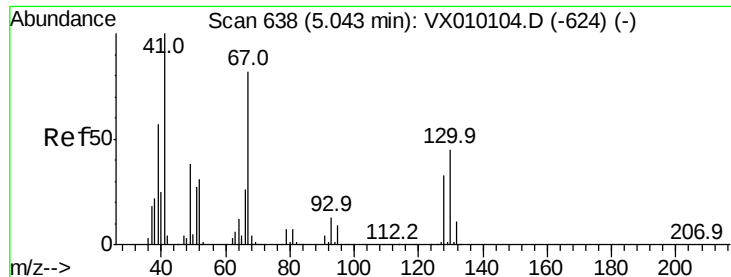
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#40
Benzene
Concen: 52.666 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





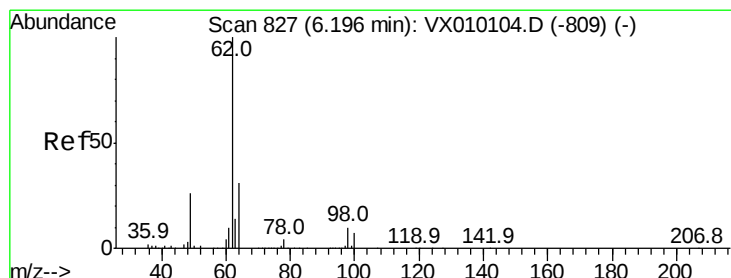
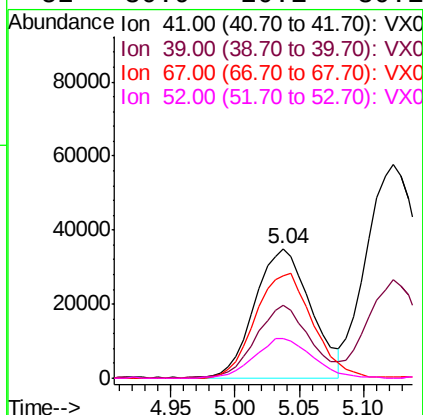
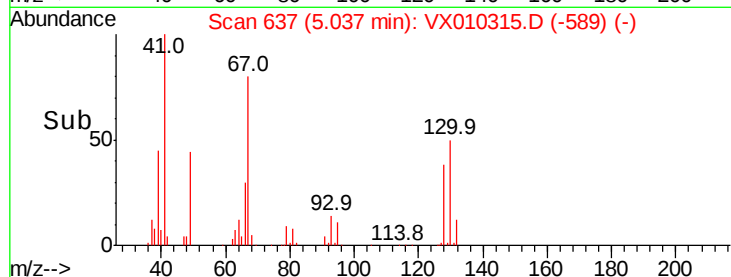
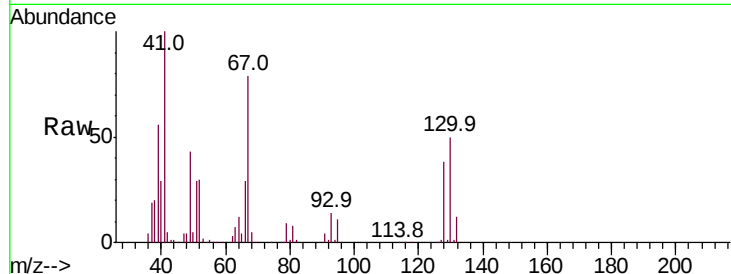
#41
Methacrylonitrile
Concen: 52.266 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.2	63.4
67	83.7	48.9	73.3
52	30.9	20.1	30.1

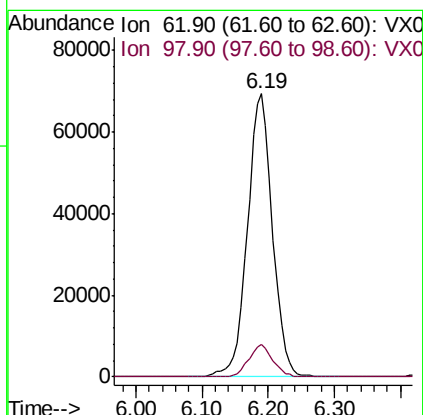
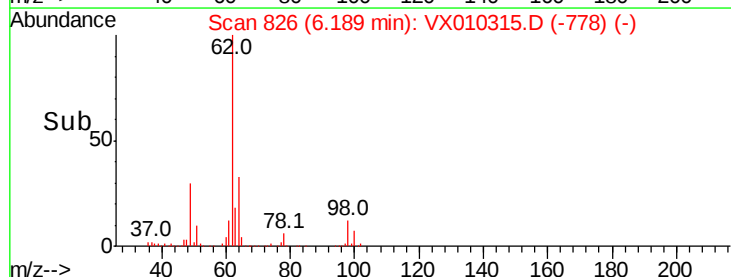
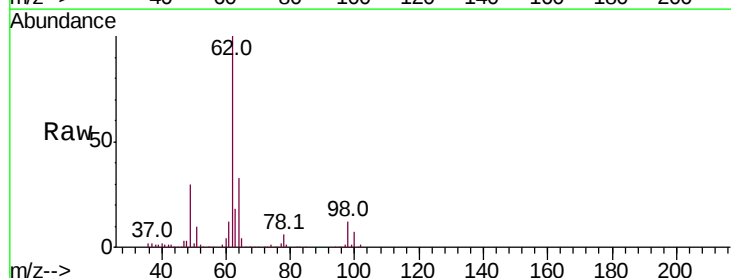
Manual Integrations
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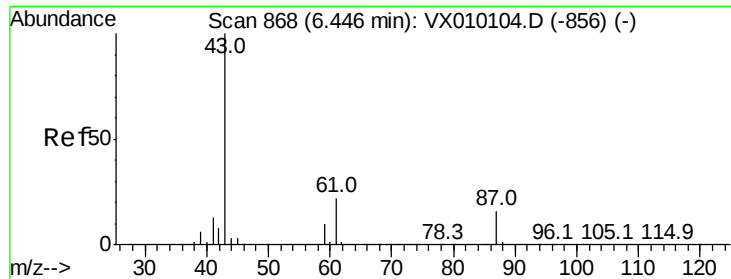
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#42
1,2-Dichloroethane
Concen: 51.980 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	17.2





#43

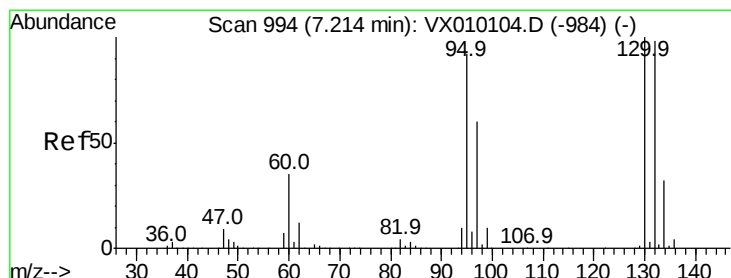
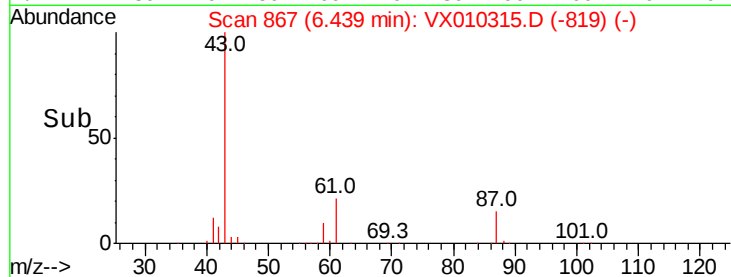
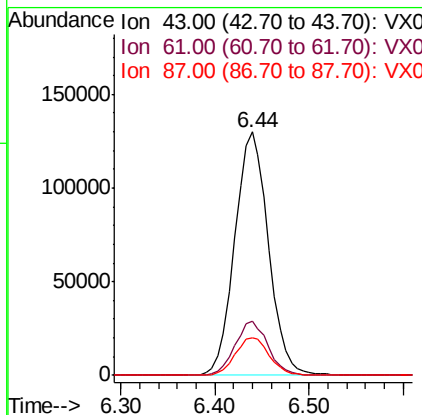
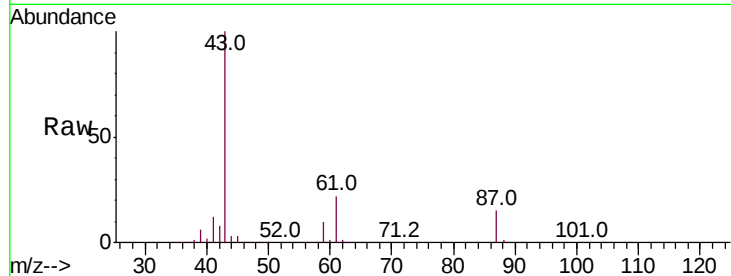
Isopropyl Acetate
 Concen: 52.049 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	14.6	21.8#
87	15.9	8.7	13.1#

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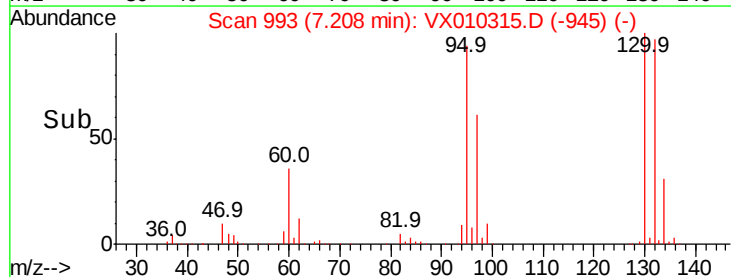
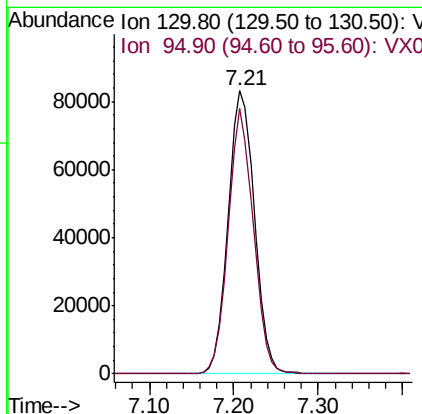
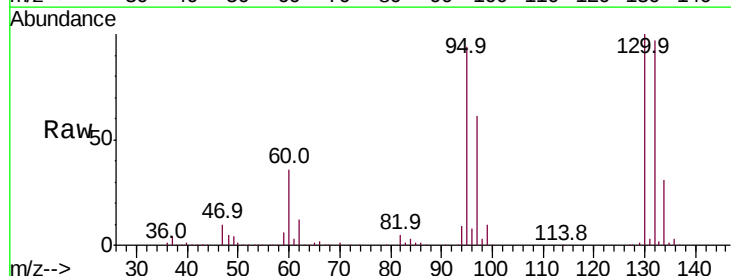
MMDadoda
 6/18/2019 11:26:19 AM

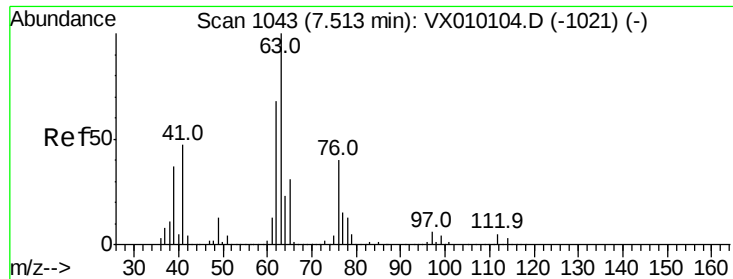


#44

Trichloroethene
 Concen: 52.805 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	207.4





#45

1,2-Dichloropropane

Concen: 53.209 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 146974

Ion Ratio Lower Upper

63 100

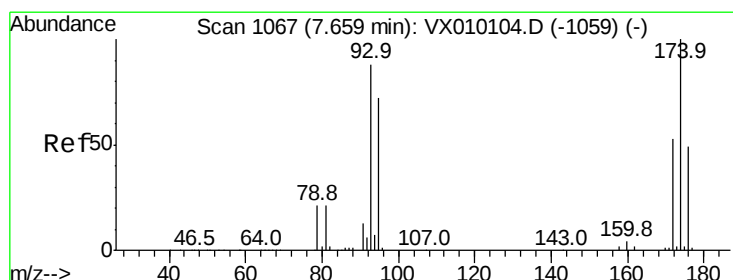
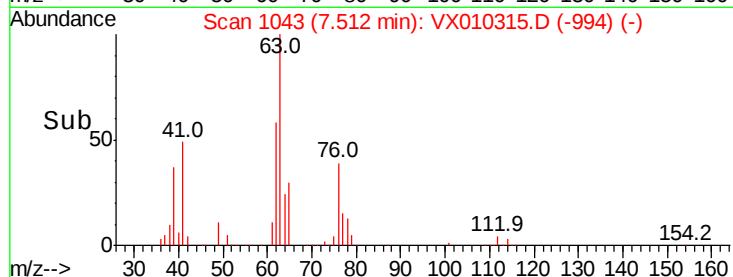
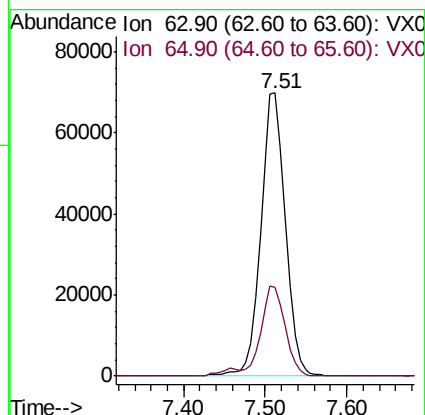
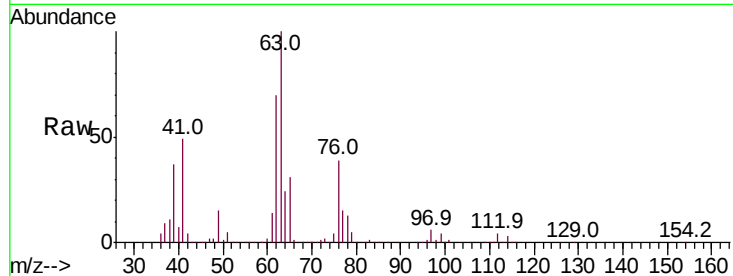
65 31.3 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 51.430 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

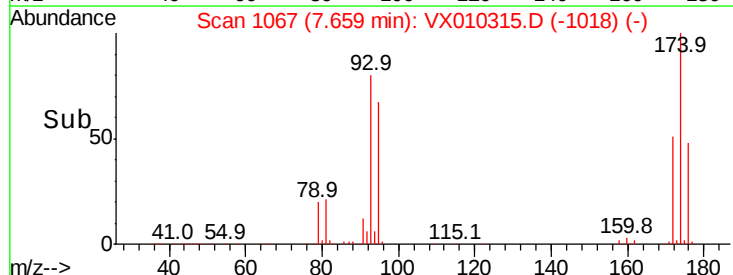
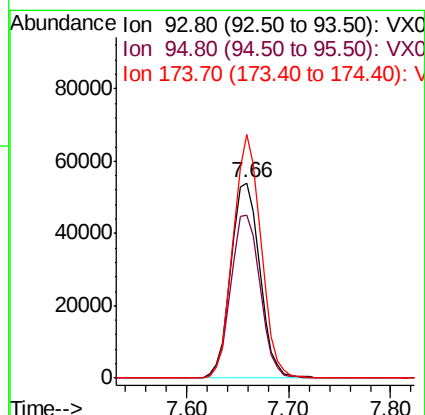
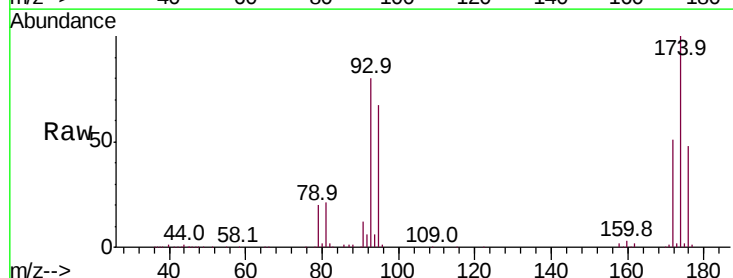
Tgt Ion: 93 Resp: 106429

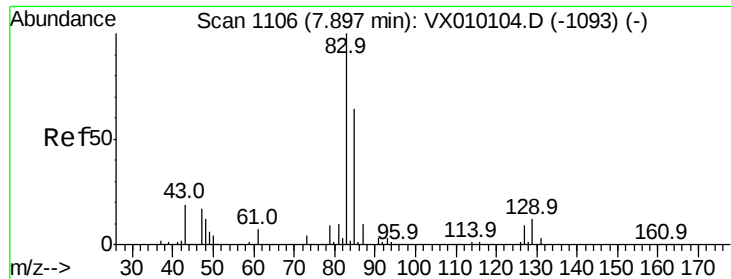
Ion Ratio Lower Upper

93 100

95 84.6 66.8 100.2

174 119.5 81.9 122.9





#47

Bromodichloromethane

Concen: 53.078 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 205244

Ion Ratio Lower Upper

83 100

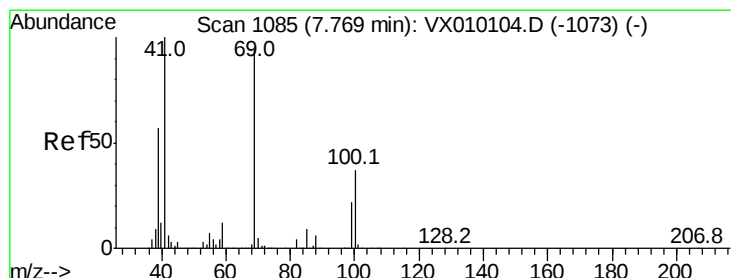
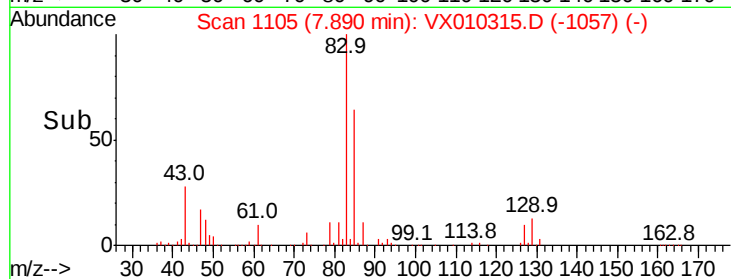
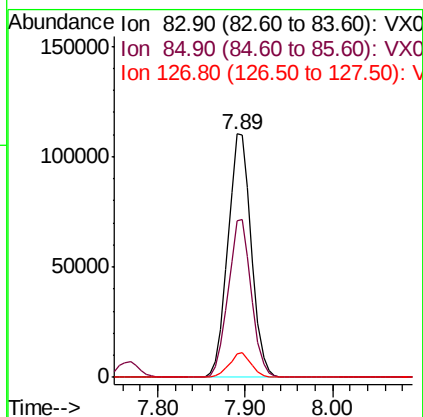
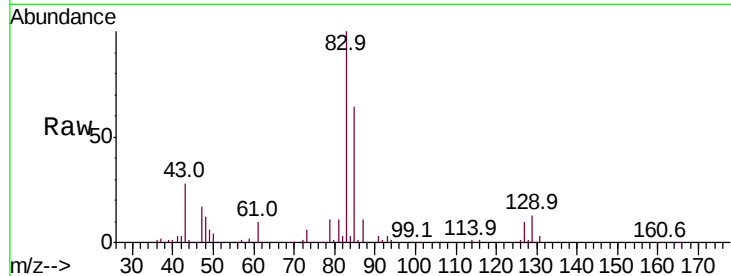
85 64.2 51.4 77.2

127 9.6 6.4 9.6#

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.471 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

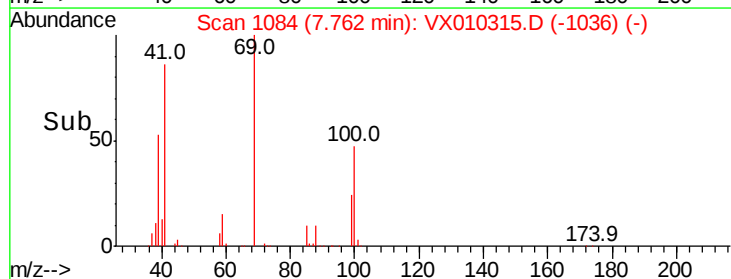
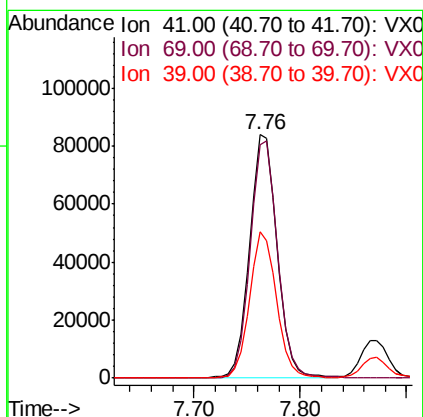
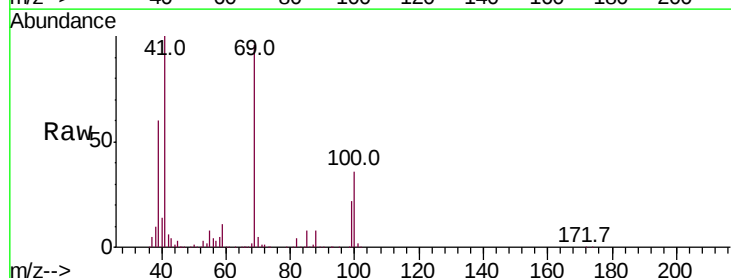
Tgt Ion: 41 Resp: 152358

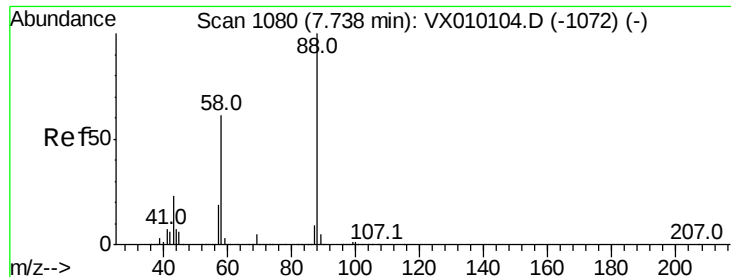
Ion Ratio Lower Upper

41 100

69 96.8 56.4 84.6#

39 58.8 40.6 60.8





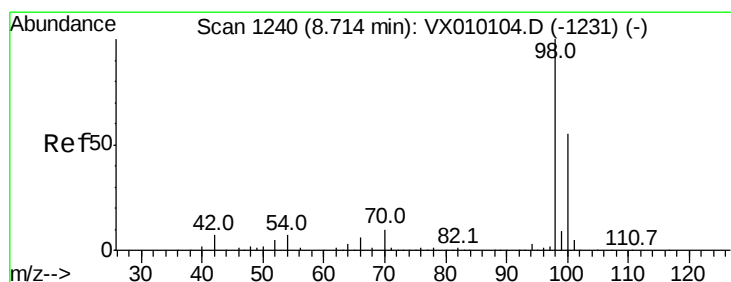
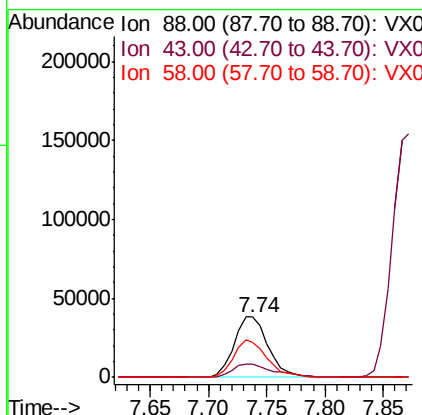
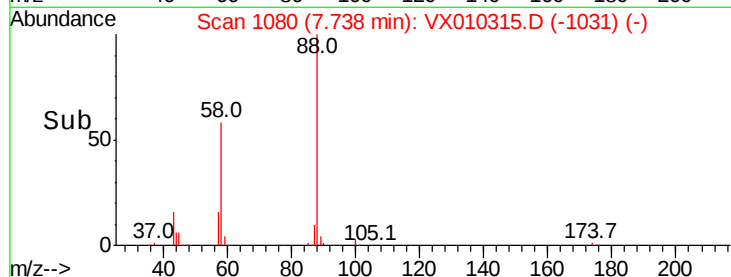
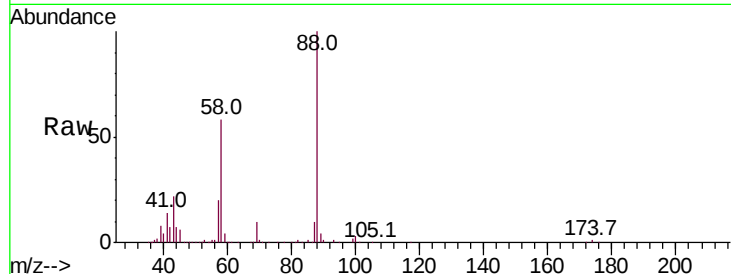
#49
 1,4-Dioxane
 Concen: 935.842 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.6	30.2	45.4#
58	61.9	64.0	96.0#

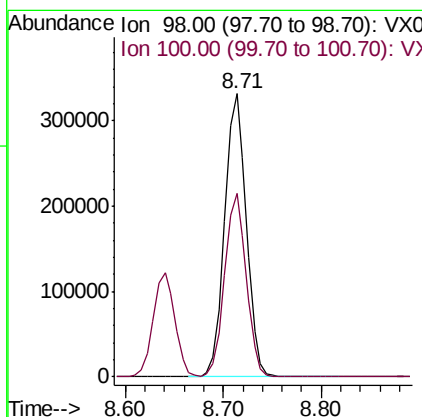
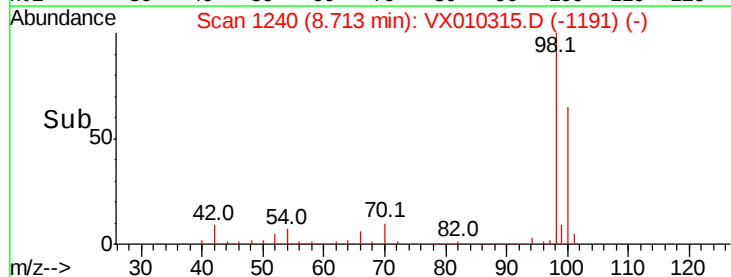
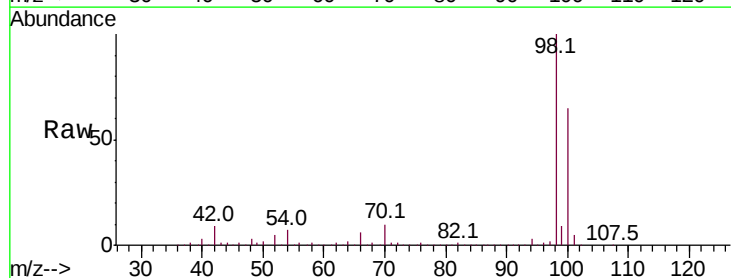
Manual Integrations
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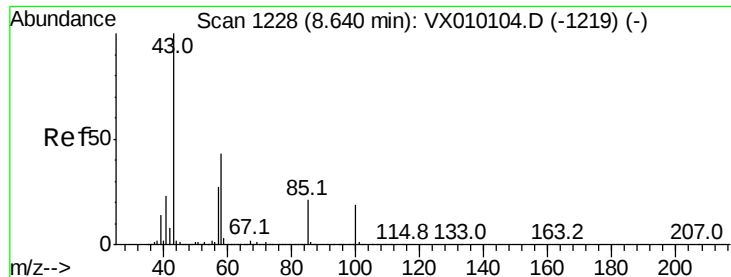
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#50
 Toluene-d8
 Concen: 50.221 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 275.113 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1020434

Ion Ratio Lower Upper

43 100

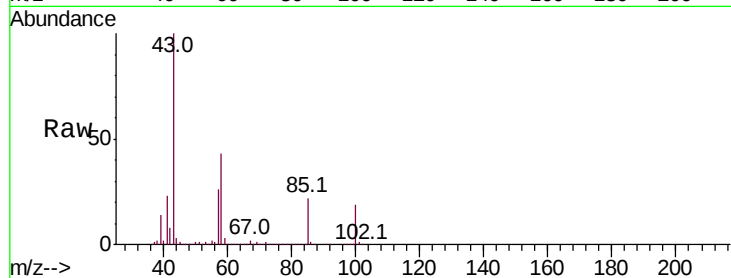
58 42.0 28.8 43.2

Manual Integrations

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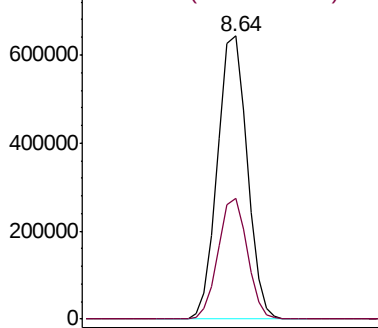
MMDadoda

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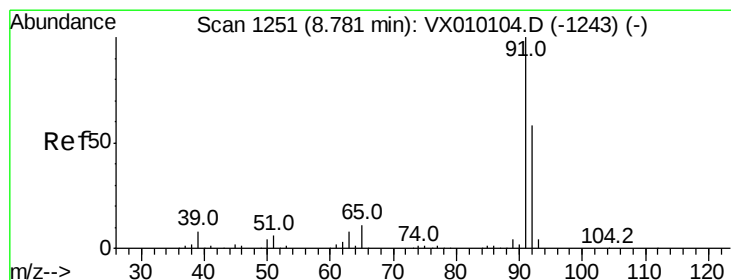
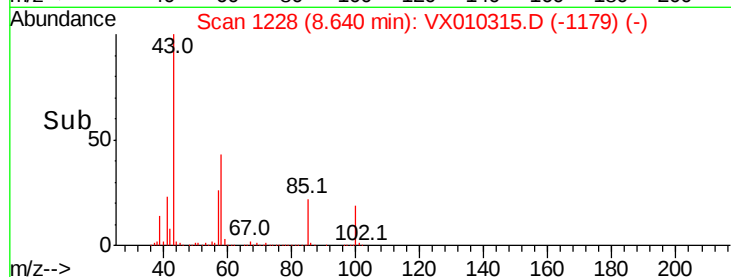


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 53.449 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010315.D

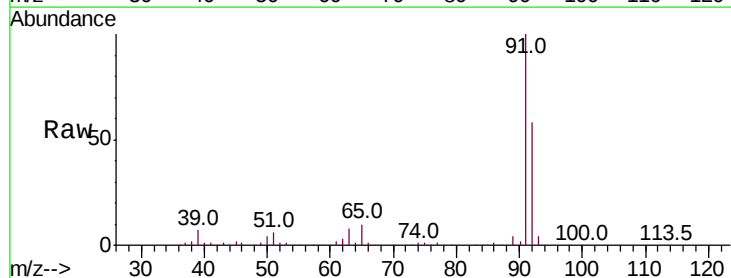
Acq: 17 Jun 2019 11:12

Tgt Ion: 92 Resp: 387740

Ion Ratio Lower Upper

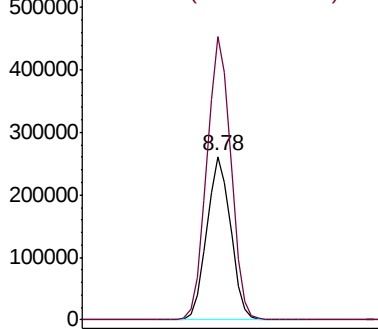
92 100

91 175.6 139.9 209.9

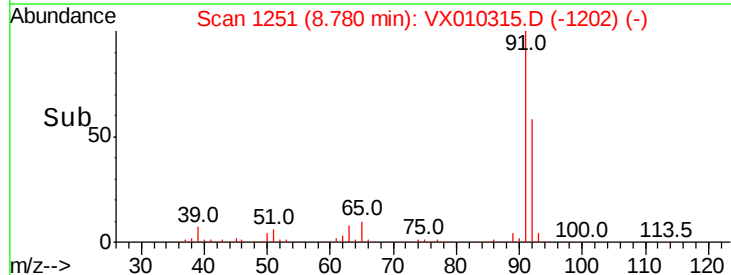


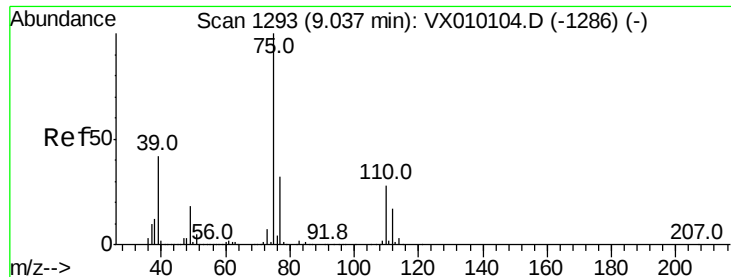
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





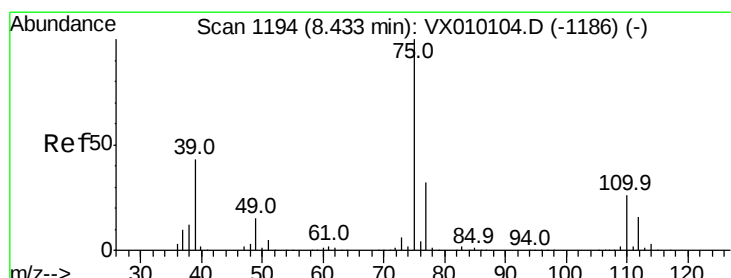
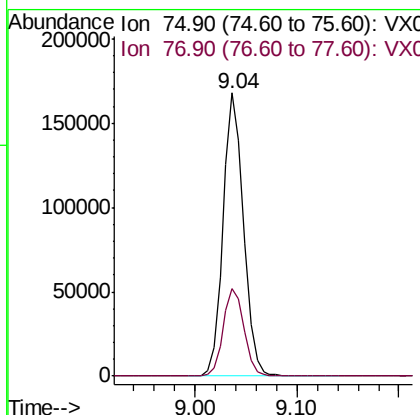
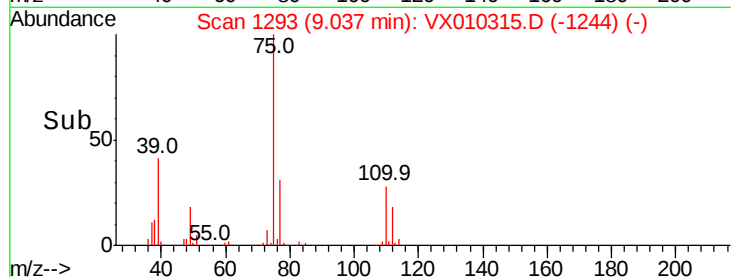
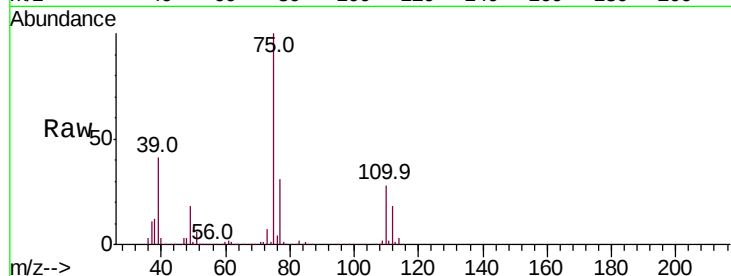
#53
t-1,3-Dichloropropene
Concen: 52.282 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.6	36.8

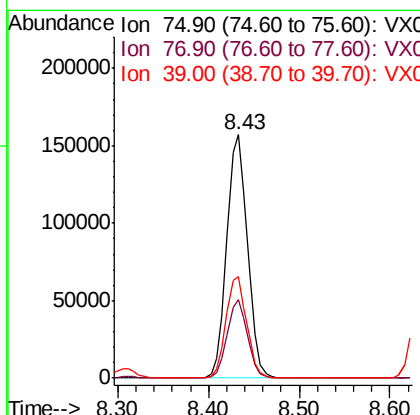
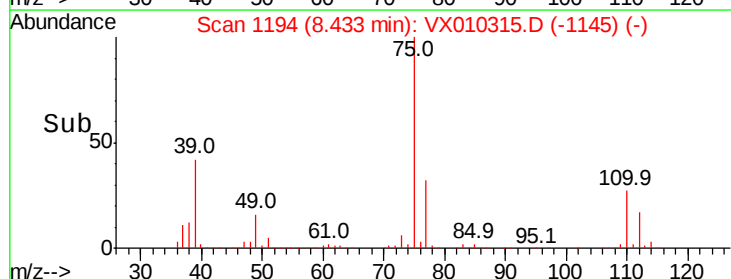
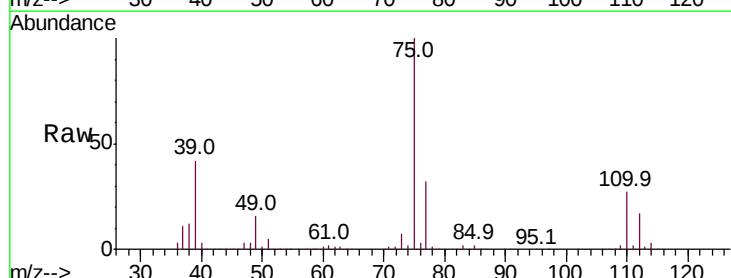
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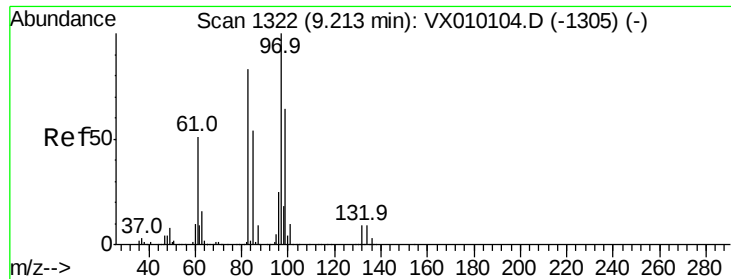
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#54
cis-1,3-Dichloropropene
Concen: 52.080 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.8	37.2
39	41.8	43.4	65.0#





#55

1,1,2-Trichloroethane

Concen: 55.318 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 164349

Ion Ratio Lower Upper

97 100

83 81.7 69.8 104.8

85 52.7 45.3 67.9

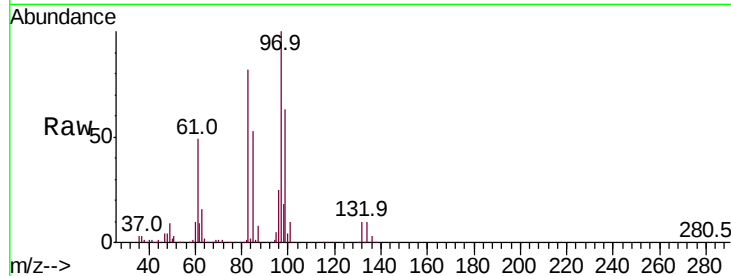
99 62.8 49.0 73.4

Manual Integrations

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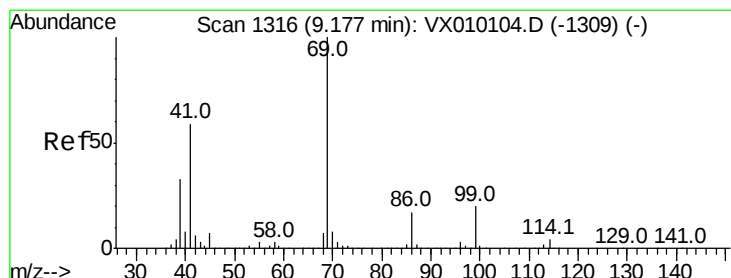
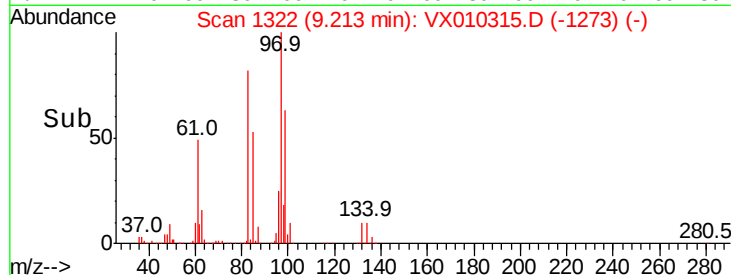
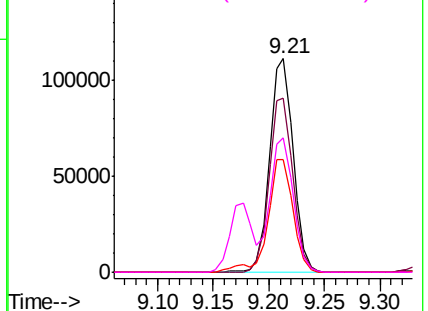


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.530 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

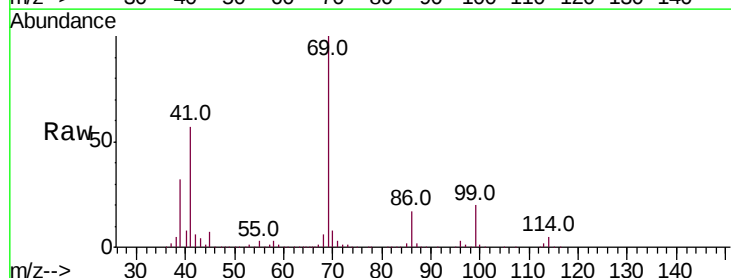
Tgt Ion: 69 Resp: 251227

Ion Ratio Lower Upper

69 100

41 58.2 62.7 94.1#

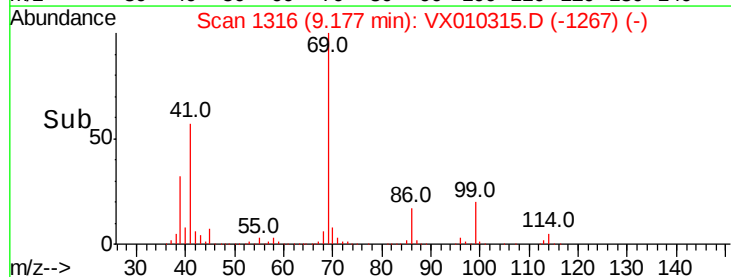
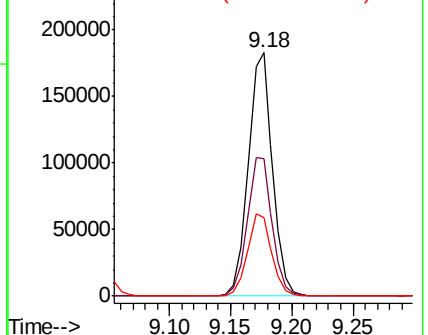
39 33.7 29.5 44.3

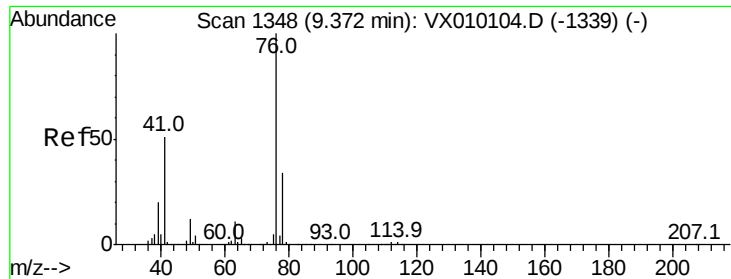


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.491 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 250199

Ion Ratio Lower Upper

76 100

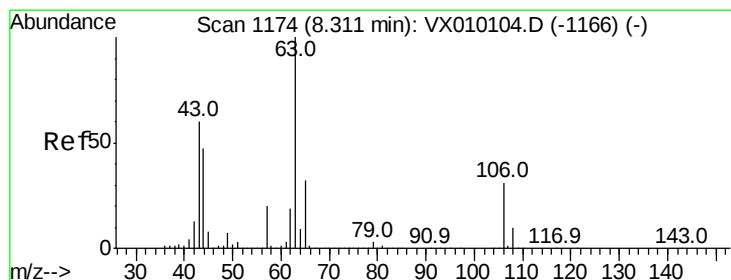
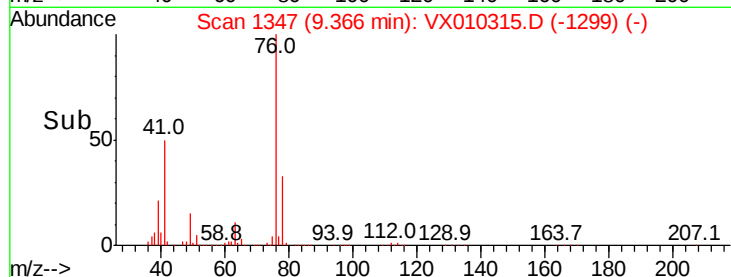
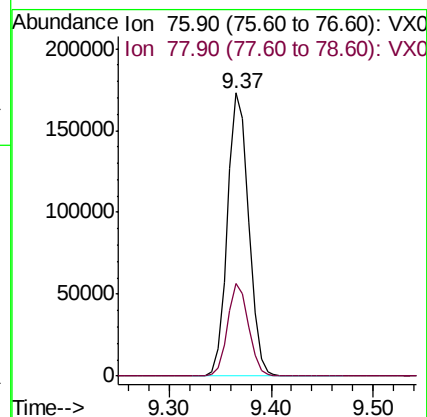
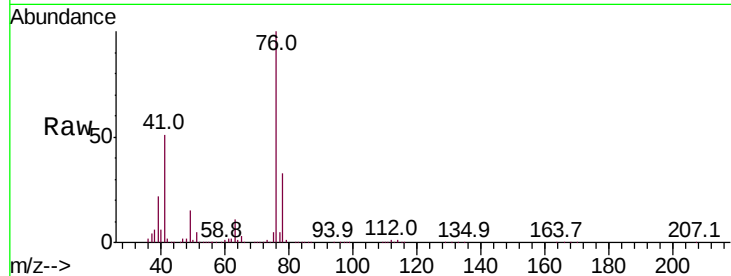
78 32.4 25.4 38.0

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#58

2-Chloroethyl Vinyl ether

Concen: 250.417 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010315.D

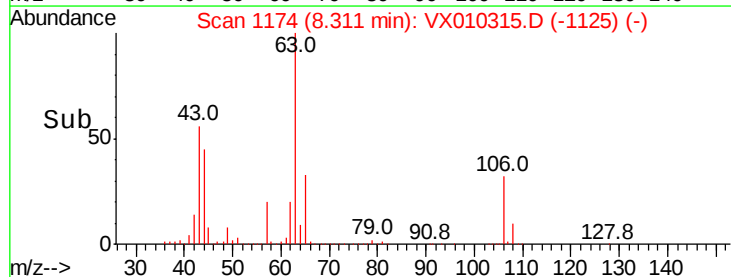
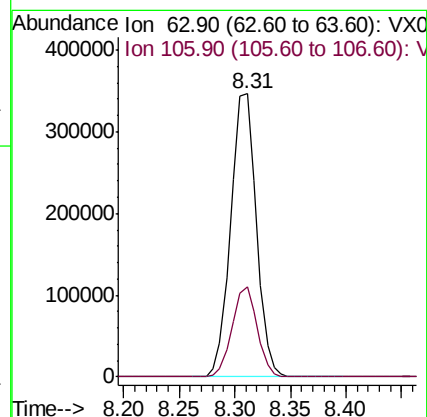
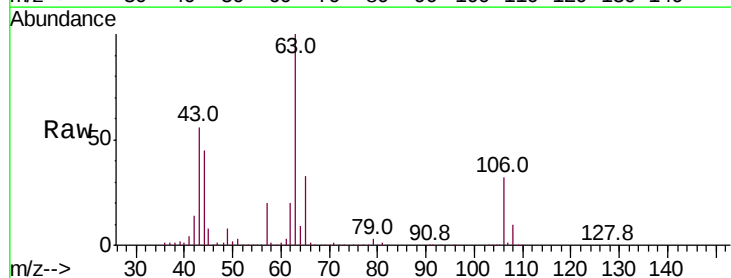
Acq: 17 Jun 2019 11:12

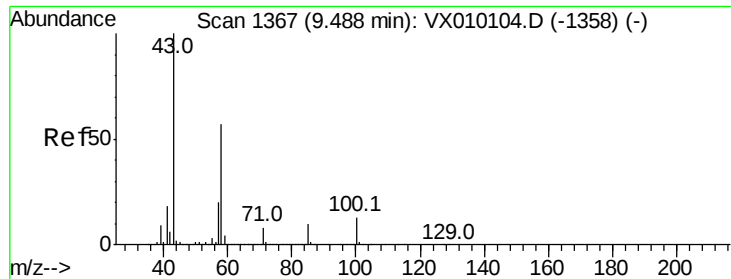
Tgt Ion: 63 Resp: 554040

Ion Ratio Lower Upper

63 100

106 31.1 19.4 29.2#





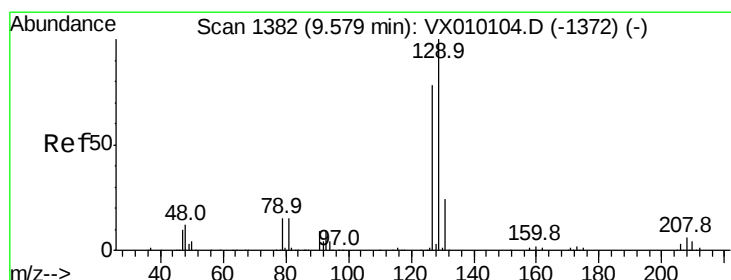
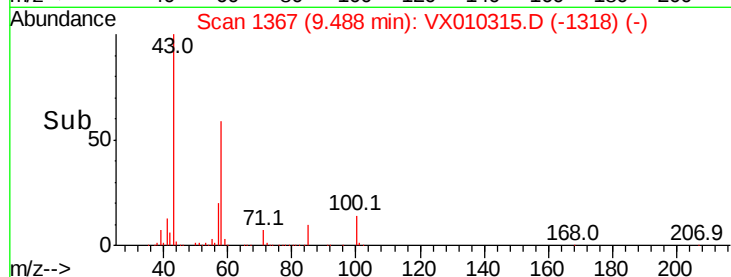
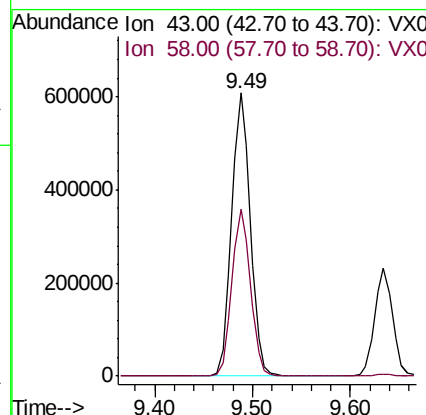
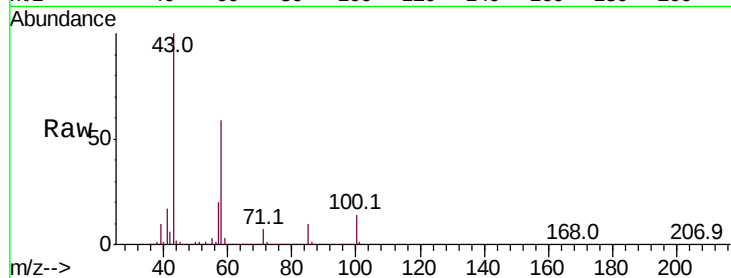
#59
2-Hexanone
Concen: 273.016 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 807402
Ion Ratio Lower Upper
43 100
58 58.6 25.1 75.3

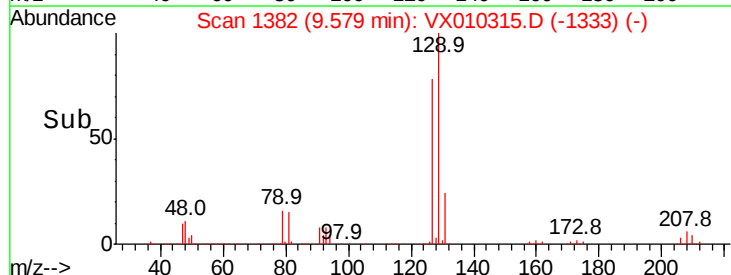
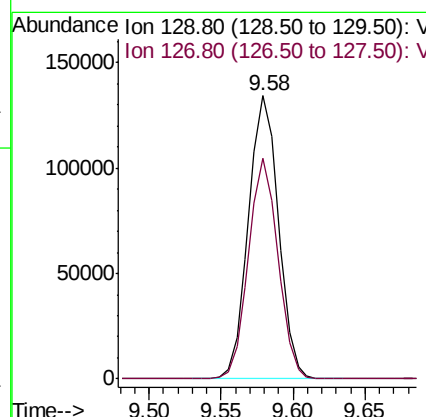
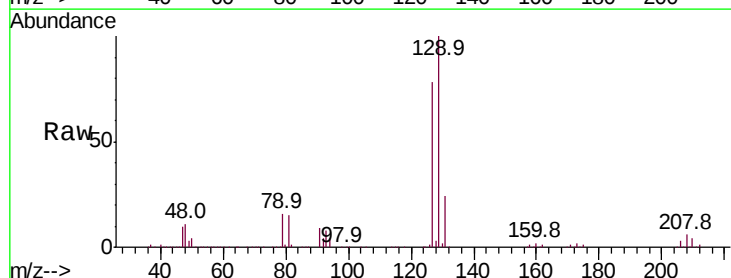
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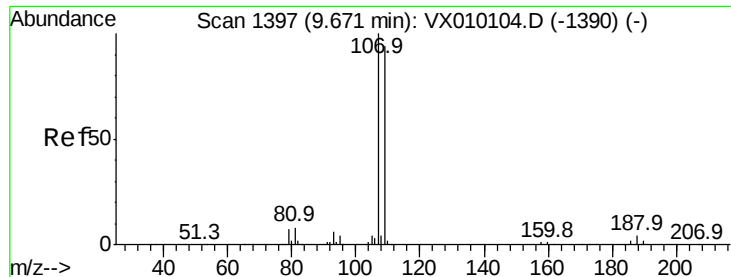
MMDadoda
6/18/2019 11:26:19 AM



#60
Dibromochloromethane
Concen: 55.116 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion:129 Resp: 193688
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.131 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 175809

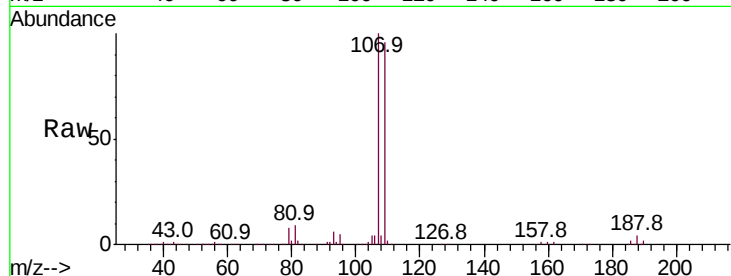
Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.2

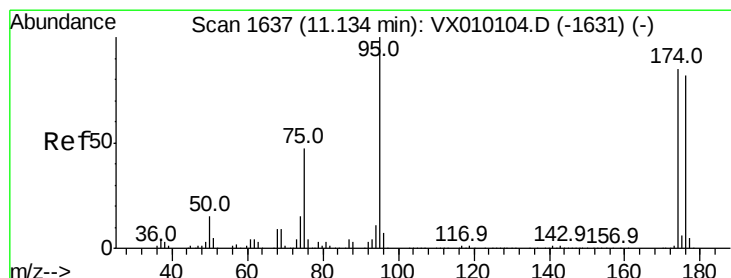
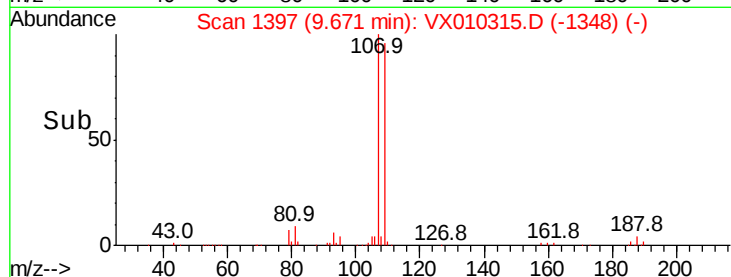
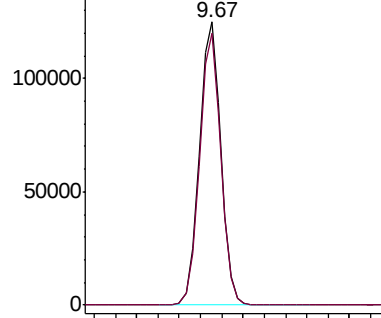
Manual Integrations
APPROVED

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.655 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

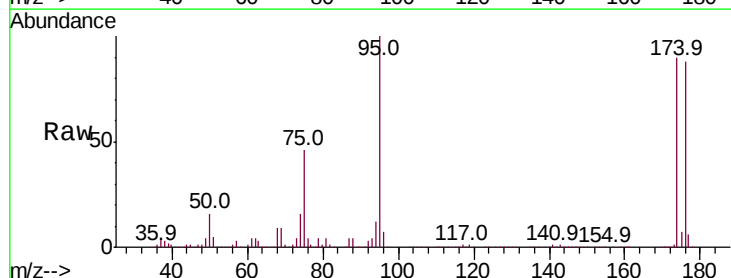
Tgt Ion: 95 Resp: 191311

Ion Ratio Lower Upper

95 100

174 94.8 0.0 160.4

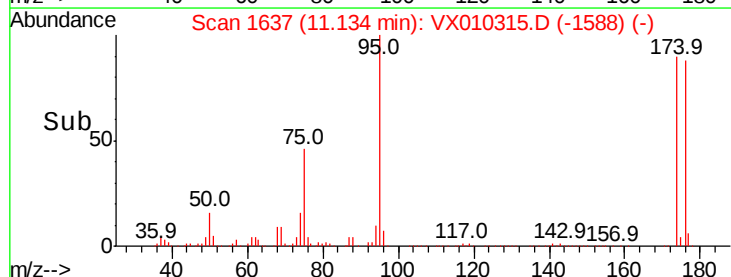
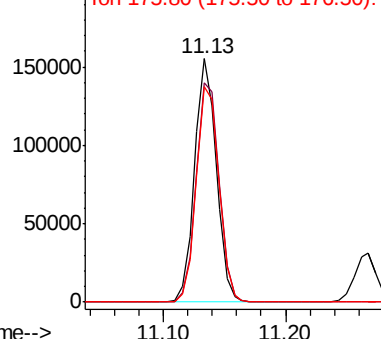
176 92.0 0.0 154.6

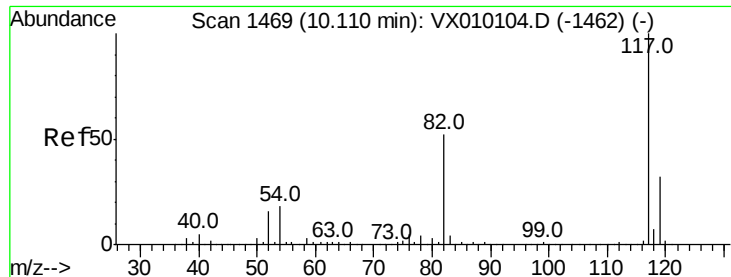


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





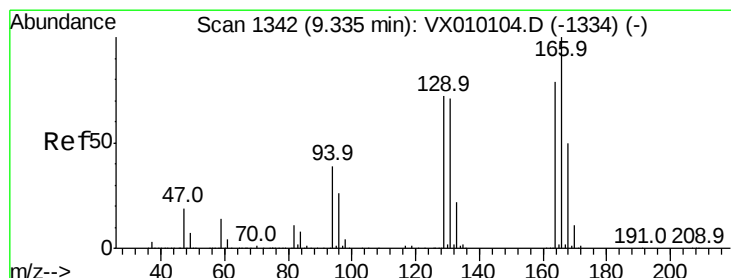
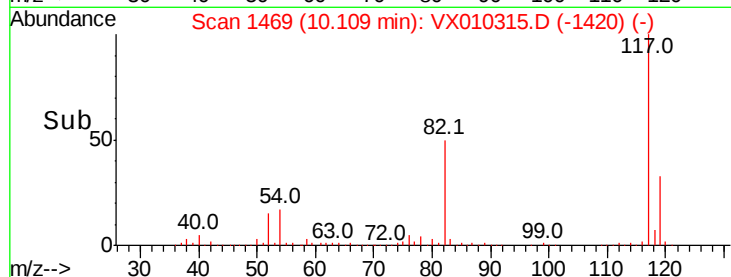
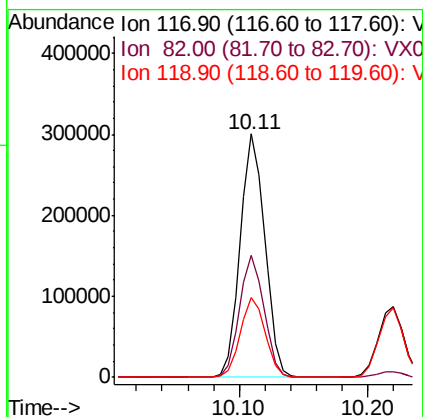
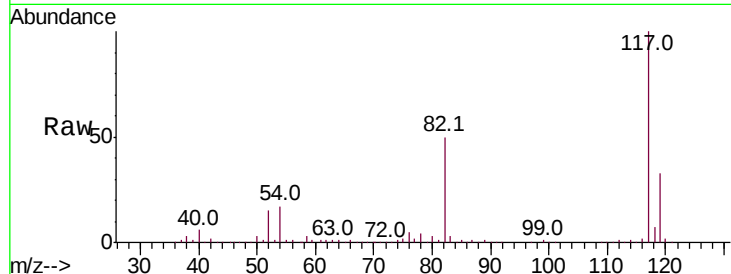
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	49.2	73.8
119	33.0	25.2	37.8

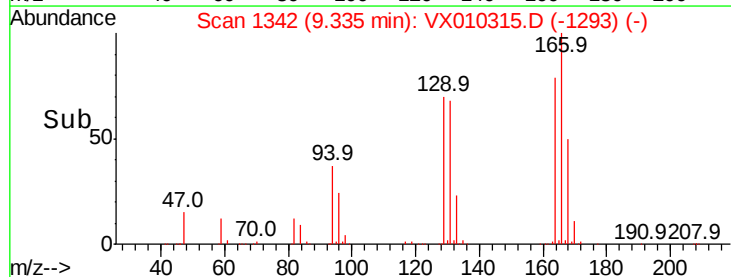
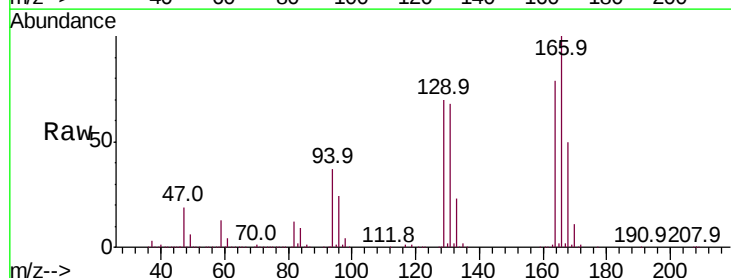
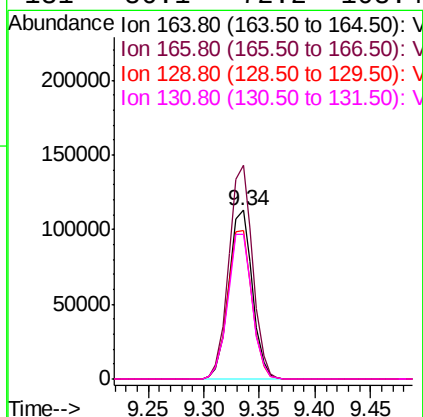
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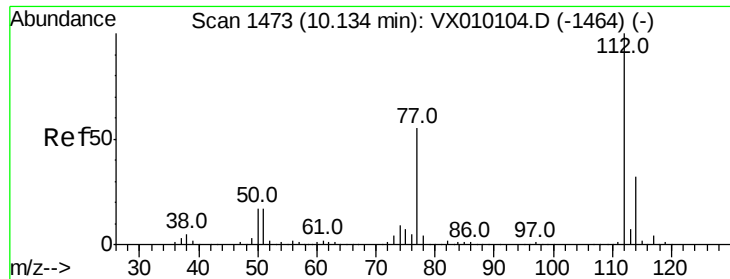
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#64
Tetrachloroethene
Concen: 55.705 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	105.0	157.4
129	88.2	75.1	112.7
131	86.1	72.2	108.4





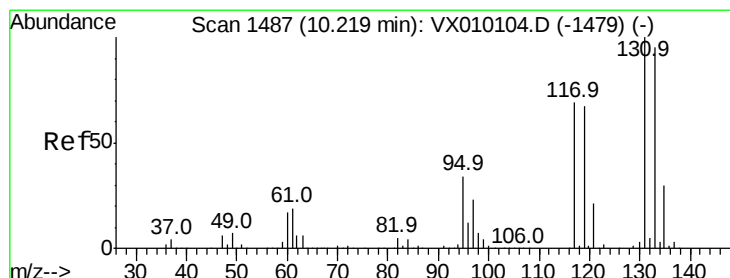
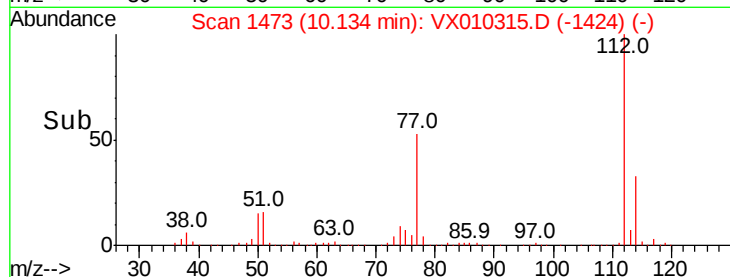
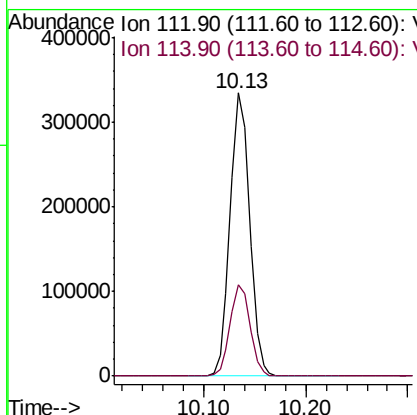
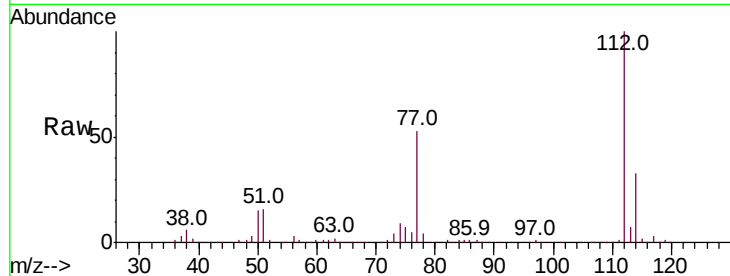
#65
Chlorobenzene
Concen: 53.866 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 444113
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8

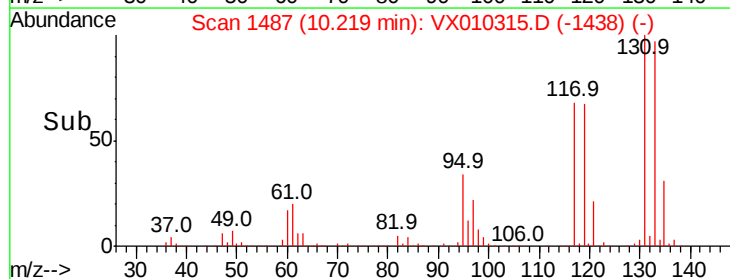
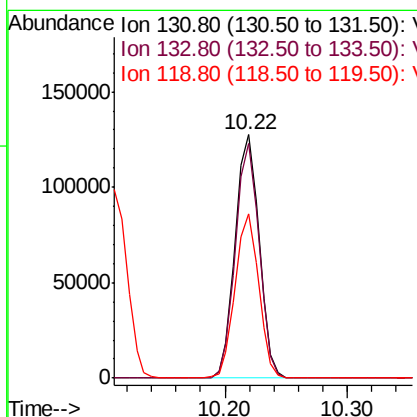
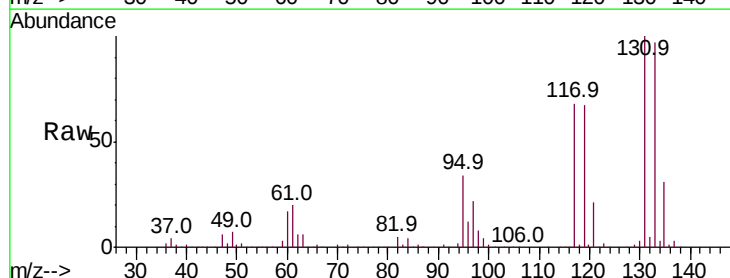
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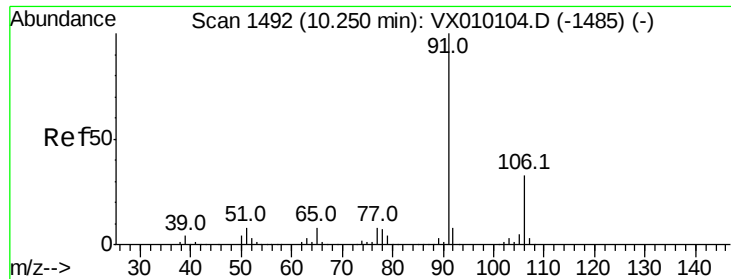
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.221 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion:131 Resp: 171915
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 66.4 33.4 100.1





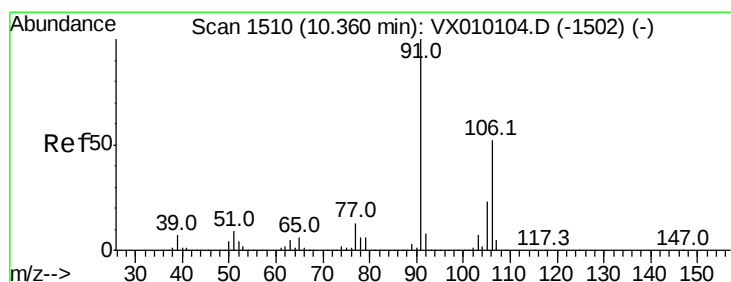
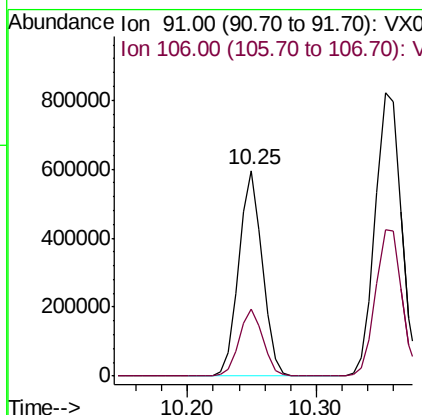
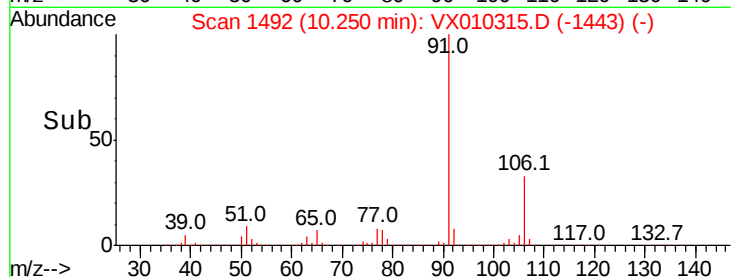
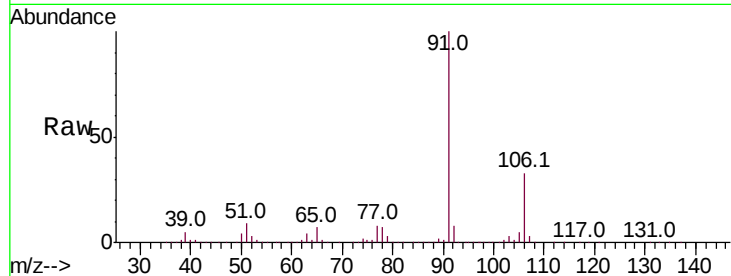
#67
Ethyl Benzene
Concen: 53.872 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 756119
Ion Ratio Lower Upper
91 100
106 32.7 23.9 35.9

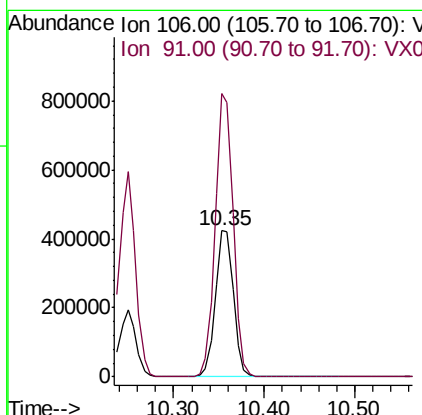
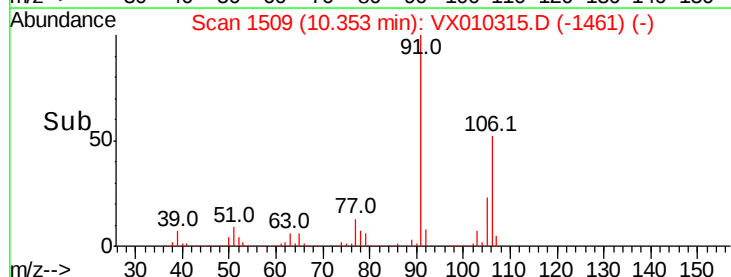
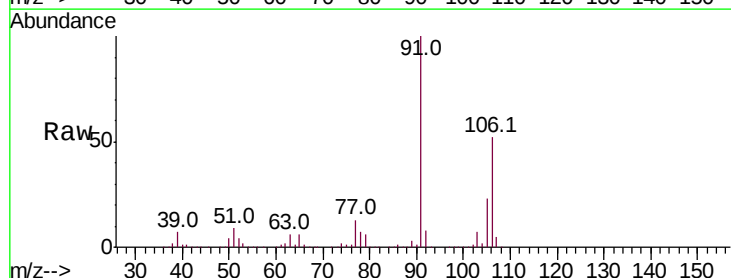
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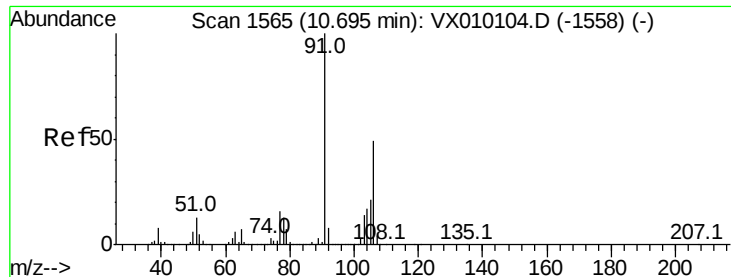
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#68
m/p-Xylenes
Concen: 109.431 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 106 Resp: 594357
Ion Ratio Lower Upper
106 100
91 192.4 167.3 250.9





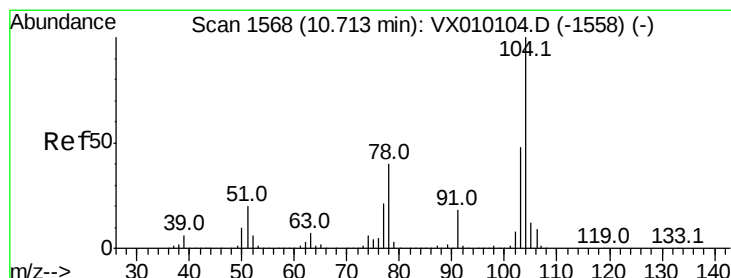
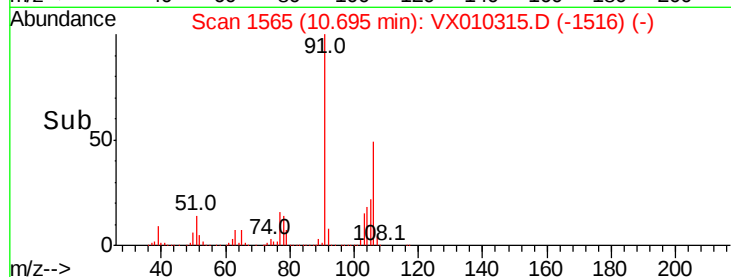
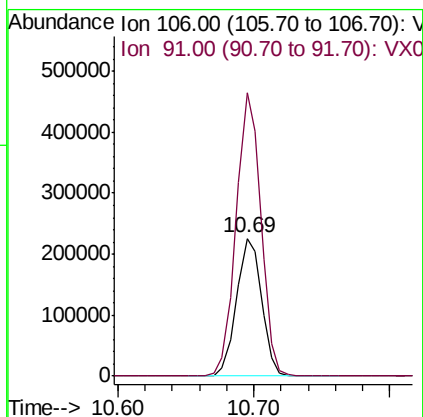
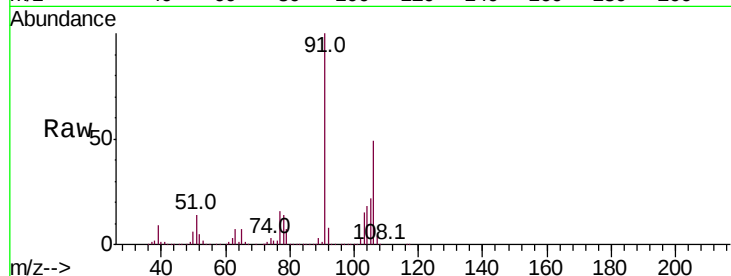
#69
o-Xylene
Concen: 53.821 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.4	110.4	331.2

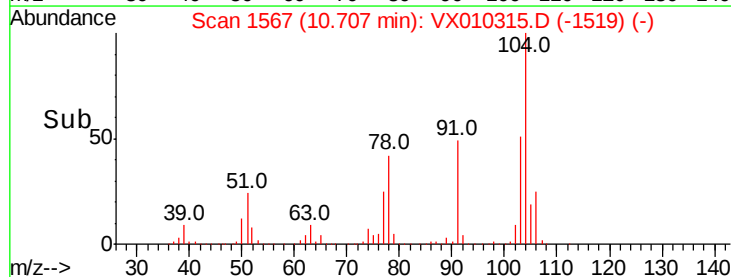
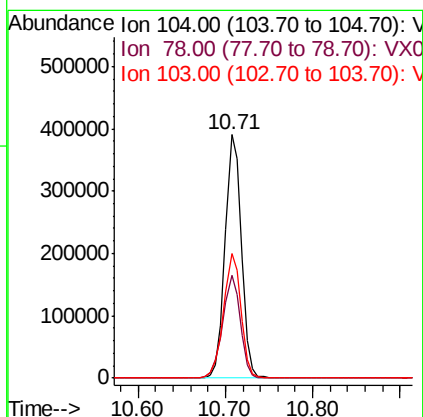
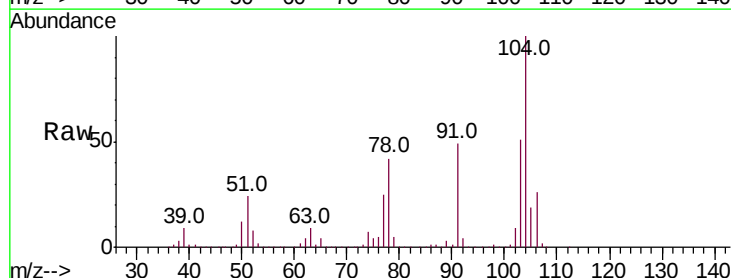
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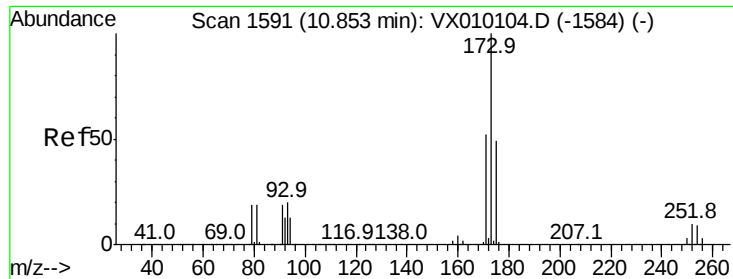
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#70
Styrene
Concen: 54.728 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.6	42.1	63.1
103	54.8	44.1	66.1





#71

Bromoform

Concen: 54.798 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 159724

Ion Ratio Lower Upper

173 100

175 48.8 25.0 75.0

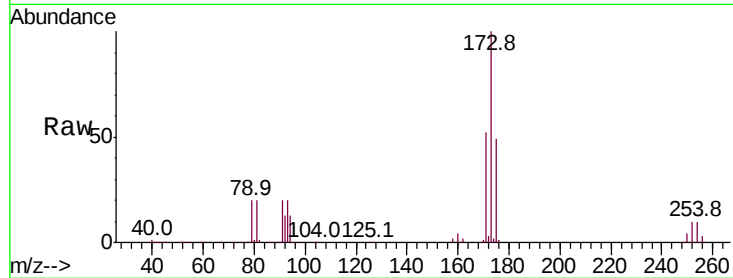
254 0.2 0.2 0.2#

Manual Integrations

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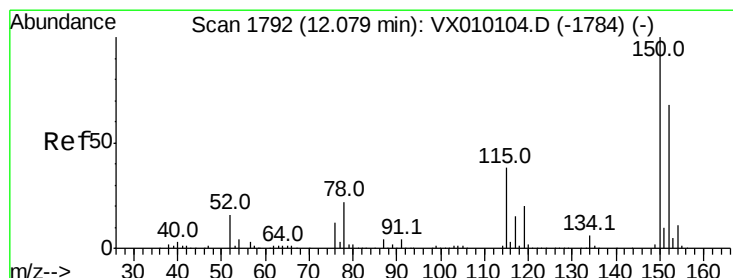
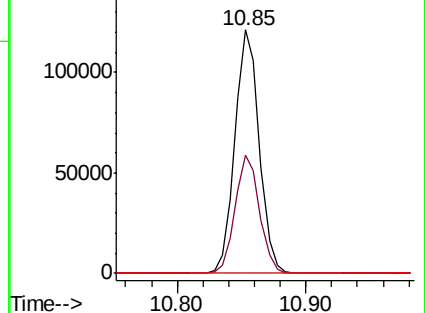
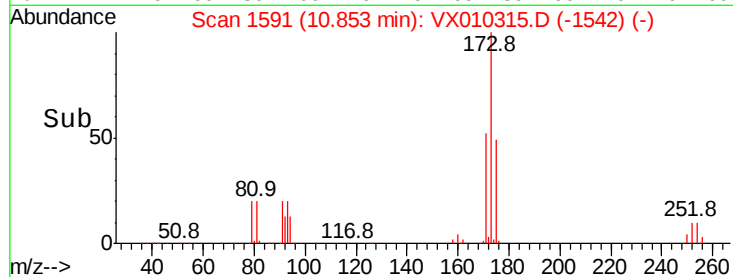
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX010315.D

Acq: 17 Jun 2019 11:12

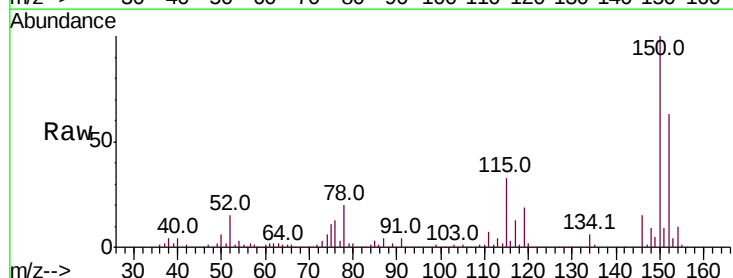
Tgt Ion:152 Resp: 213371

Ion Ratio Lower Upper

152 100

115 78.7 41.4 124.2

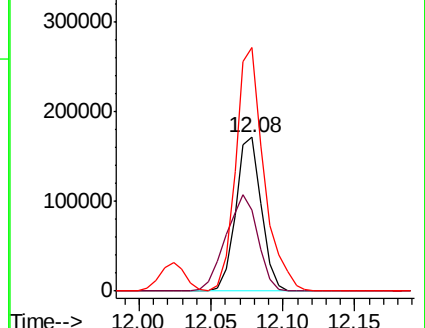
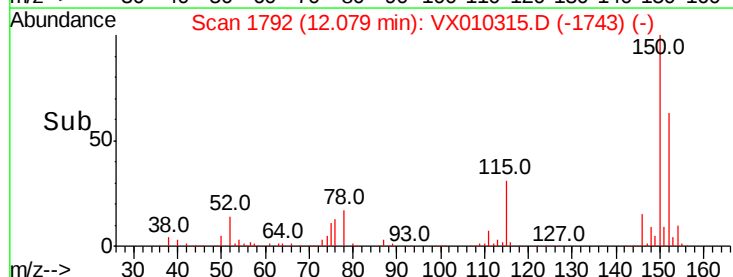
150 173.8 0.0 345.2

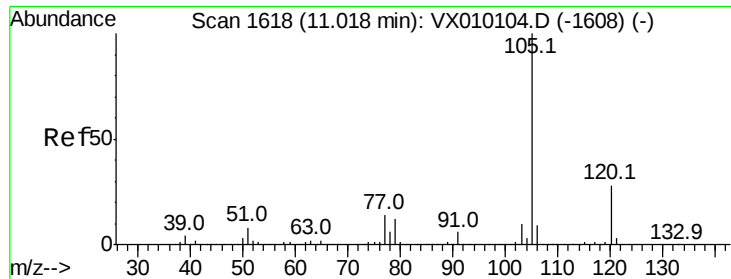


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.029 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 774964

Ion Ratio Lower Upper

105 100

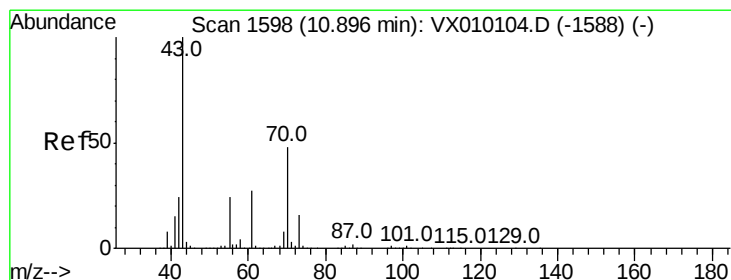
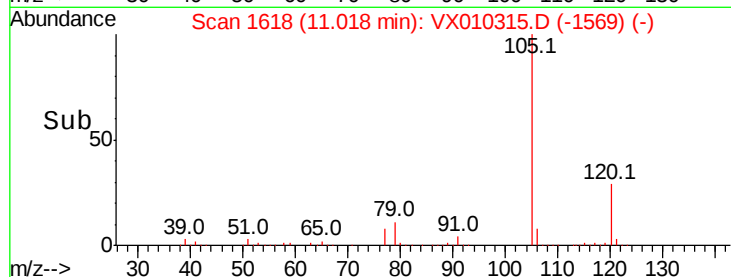
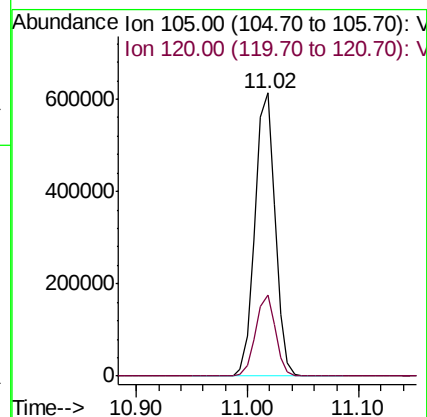
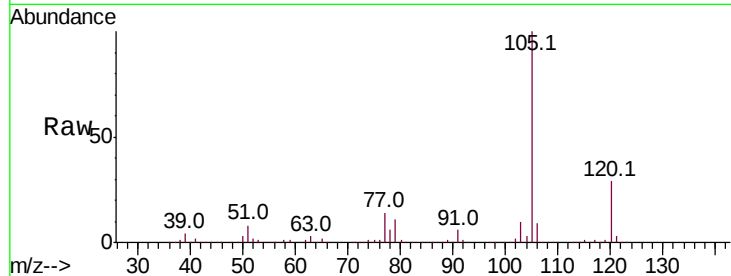
120 28.1 12.8 38.4

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#74

N-ethyl acetate

Concen: 50.277 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Tgt Ion: 43 Resp: 296021

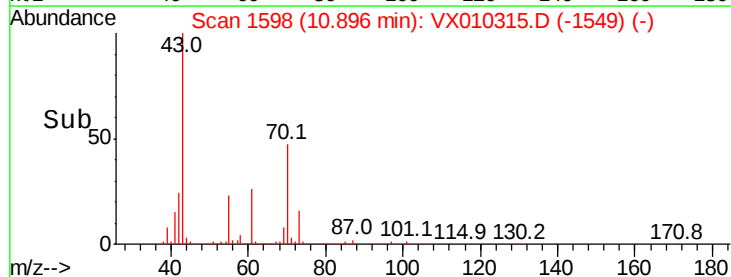
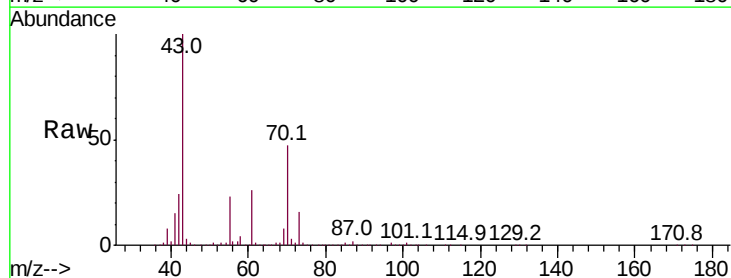
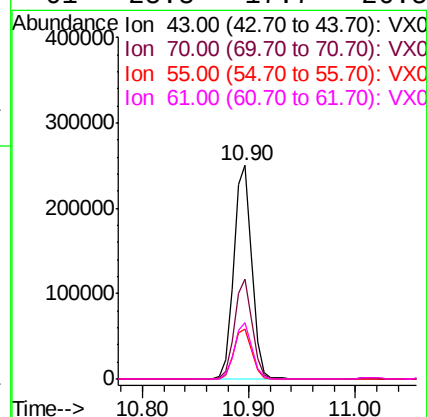
Ion Ratio Lower Upper

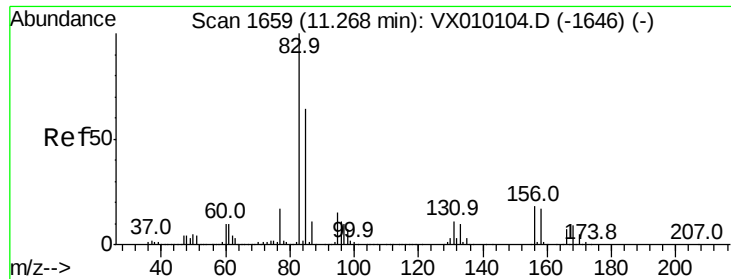
43 100

70 46.3 28.6 43.0#

55 23.9 17.8 26.8

61 25.8 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.873 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

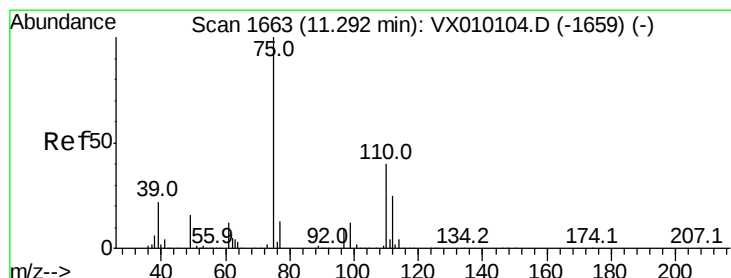
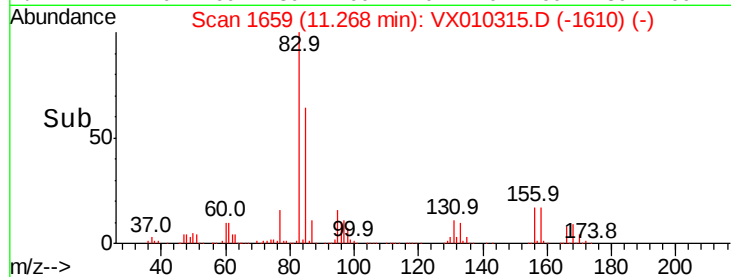
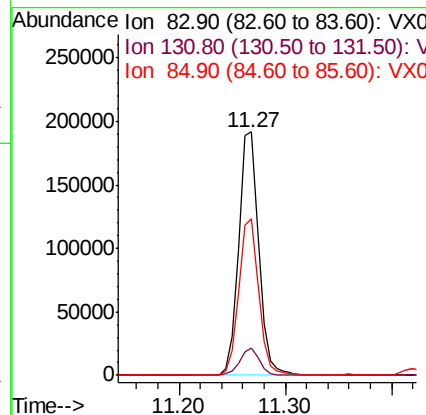
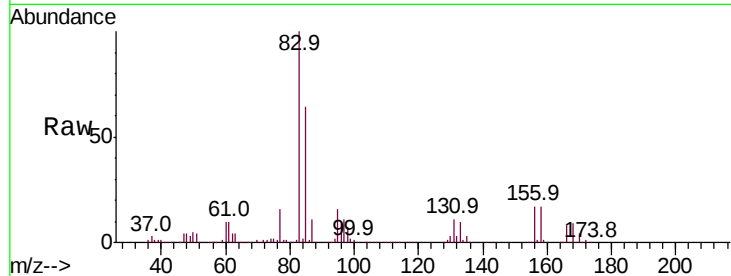
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	254285
Ion Ratio	Lower	Upper	
83	100		
131	11.0	4.7	14.1
85	64.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.662 ug/l m

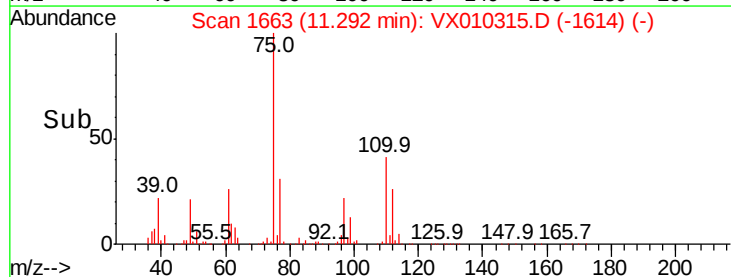
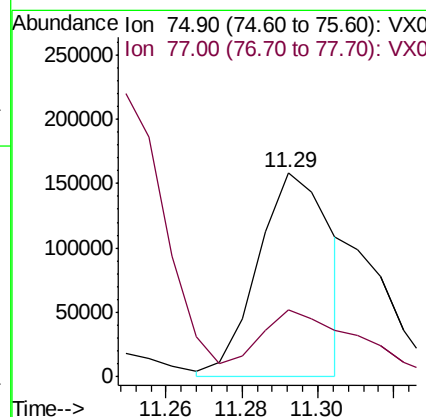
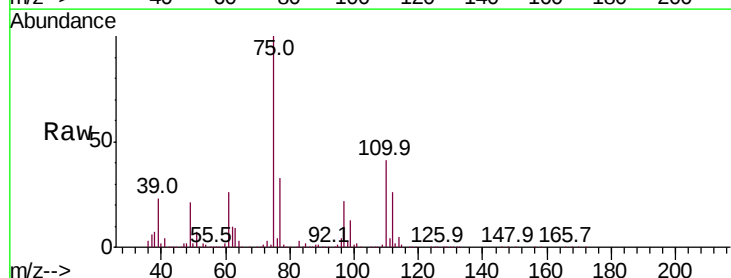
RT: 11.29 min Scan# 1663

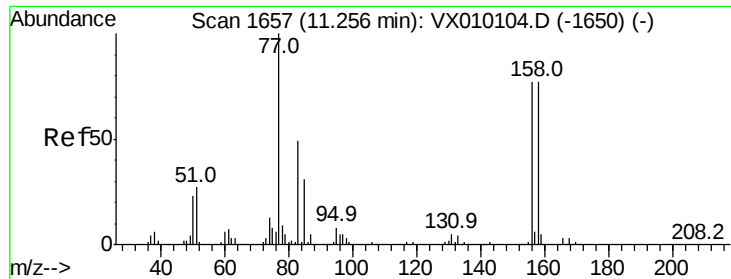
Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Tgt Ion:	75	Resp:	211950
Ion Ratio	Lower	Upper	
75	100		
77	44.5	22.1	66.1





#77

Bromobenzene

Concen: 52.125 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

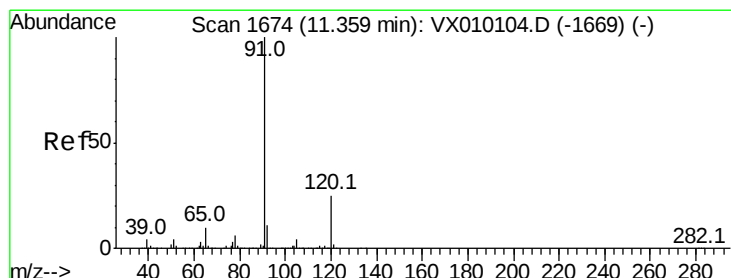
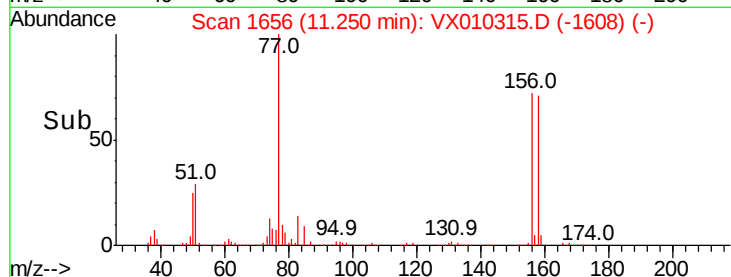
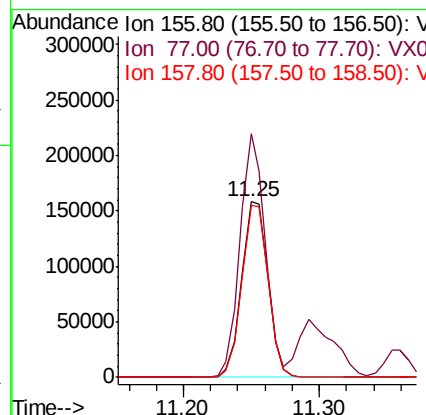
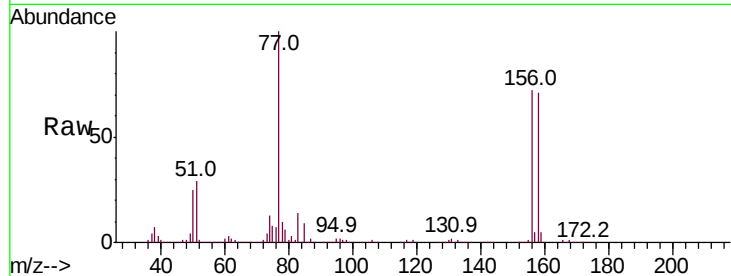
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	213503
Ion Ratio	Lower	Upper	
156	100		
77	132.2	86.8	260.3
158	98.0	49.6	148.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.939 ug/l

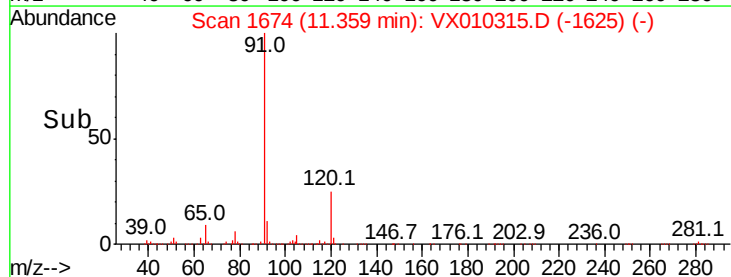
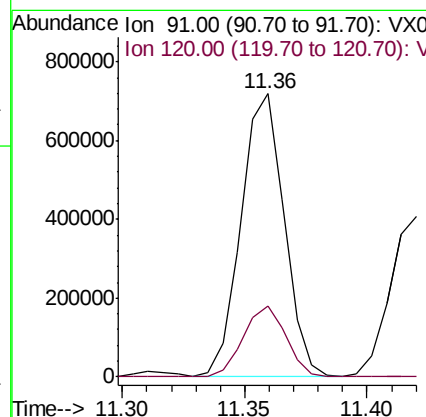
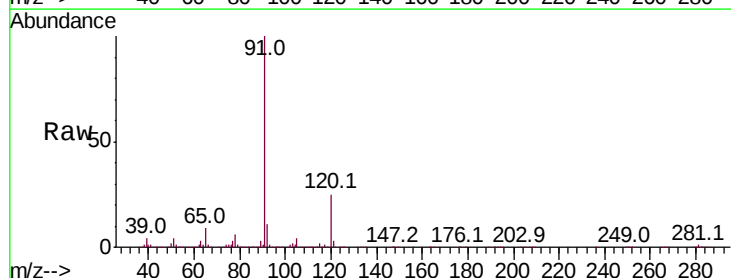
RT: 11.36 min Scan# 1674

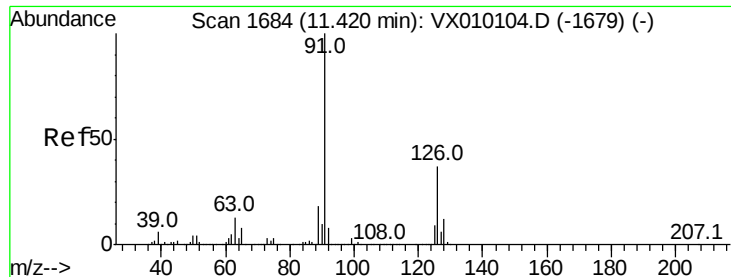
Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Tgt Ion:	91	Resp:	877834
Ion Ratio	Lower	Upper	
91	100		
120	25.0	11.1	33.3





#79

2-Chlorotoluene

Concen: 50.726 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 505190

Ion Ratio Lower Upper

91 100

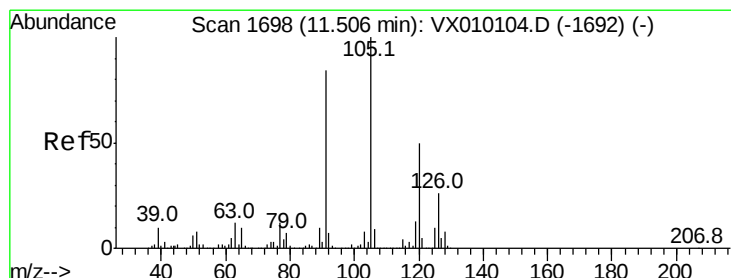
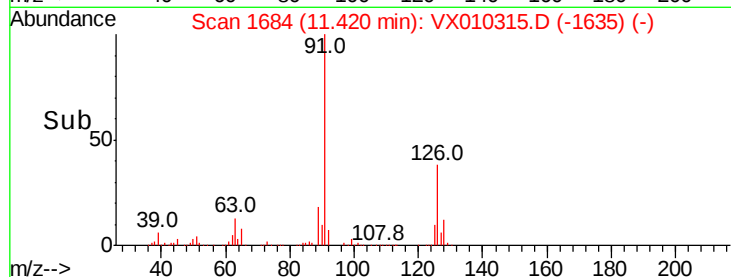
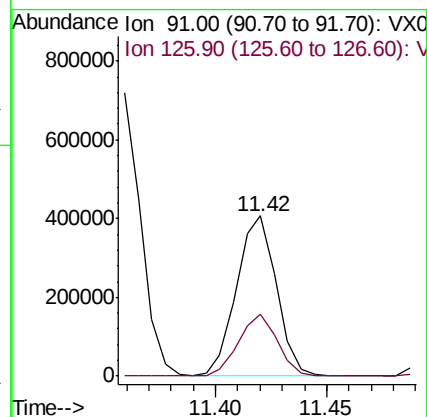
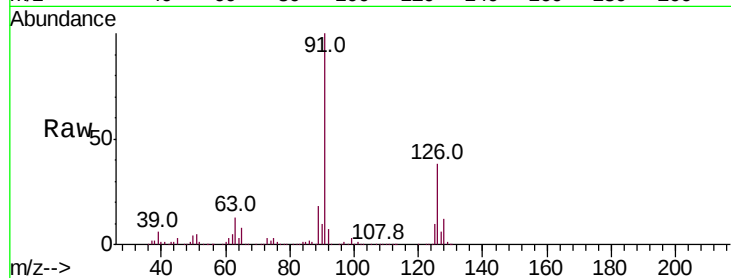
126 37.9 16.1 48.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.865 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010315.D

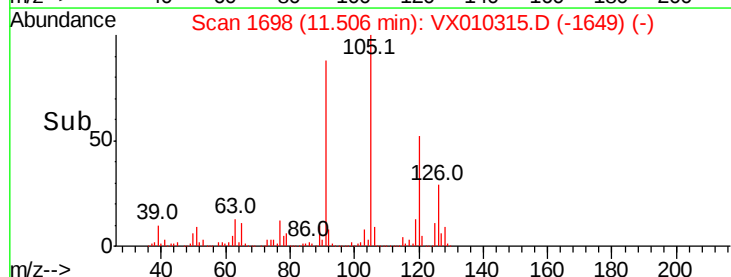
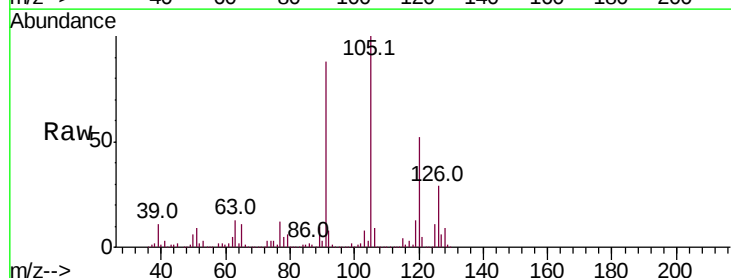
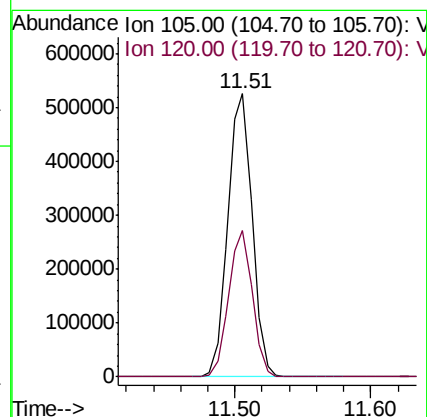
Acq: 17 Jun 2019 11:12

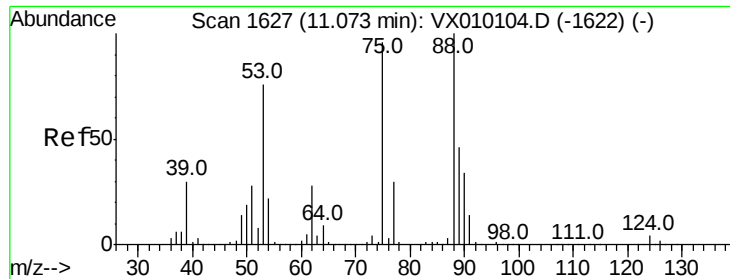
Tgt Ion: 105 Resp: 650665

Ion Ratio Lower Upper

105 100

120 50.6 24.1 72.3





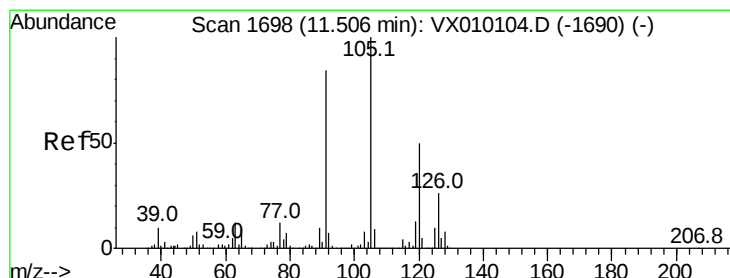
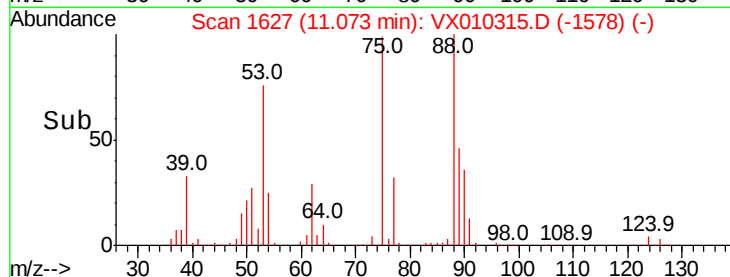
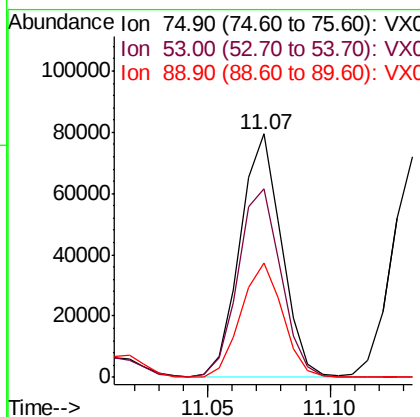
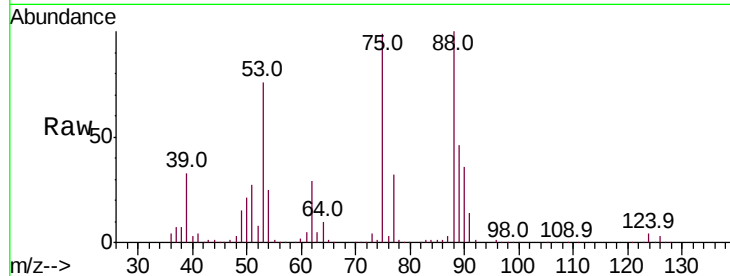
#81
trans-1,4-Dichloro-2-butene
Concen: 48.509 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	80.1	79.8	119.6
89	47.7	34.2	51.4

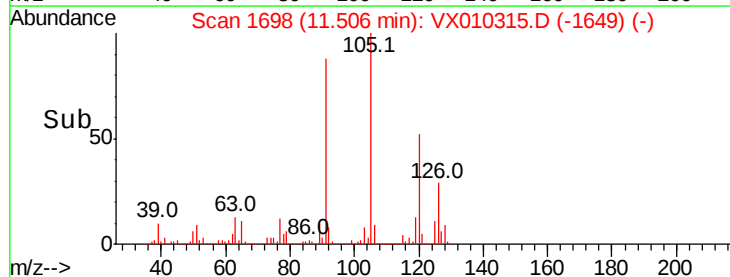
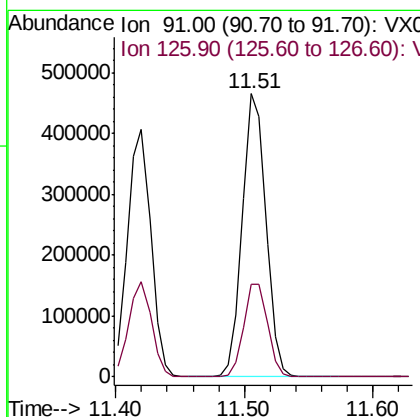
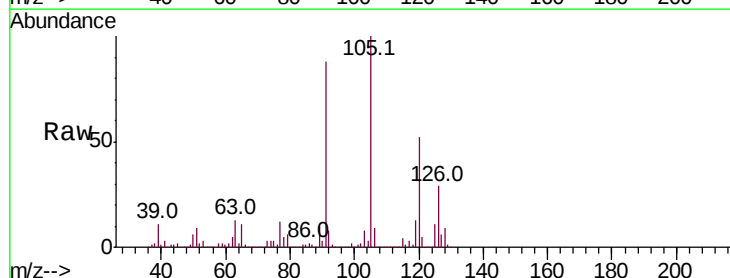
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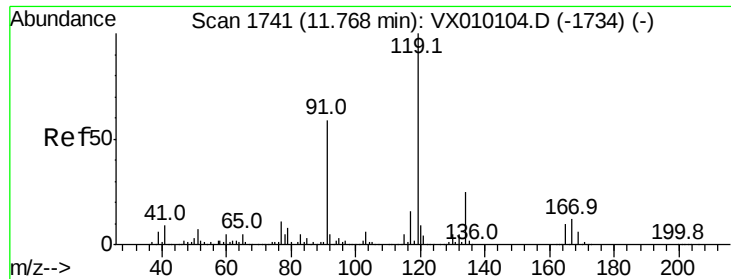
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#82
4-Chlorotoluene
Concen: 52.107 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	14.2	42.6





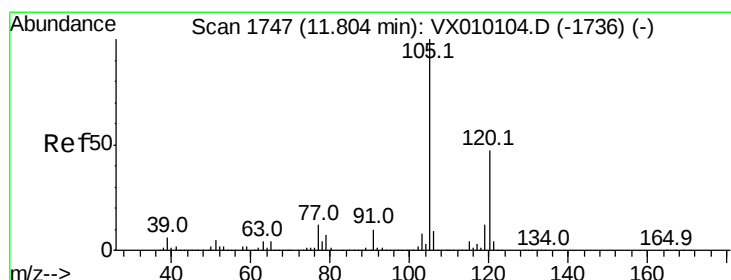
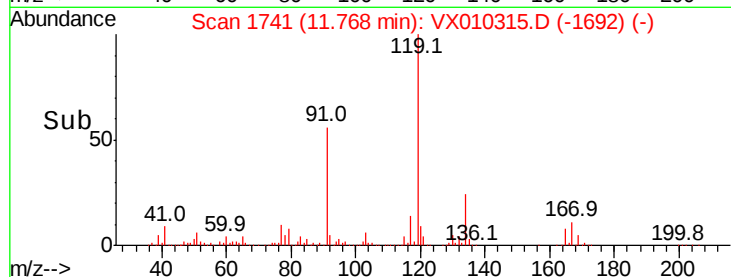
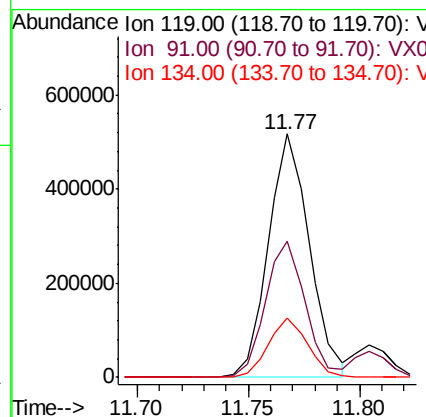
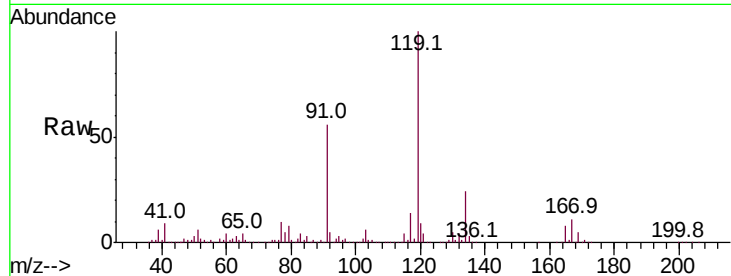
#83
tert-Butylbenzene
Concen: 52.015 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	660473		
91	54.7		30.0	90.0
134	23.4		11.2	33.5

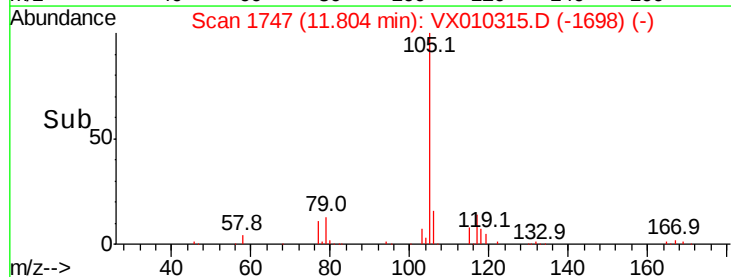
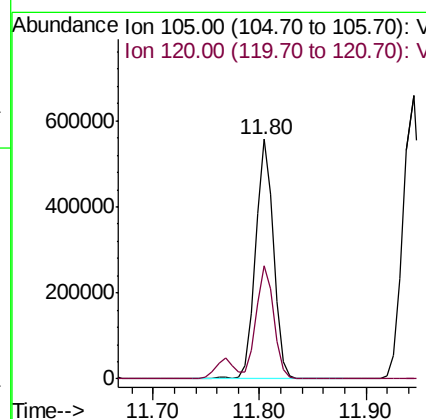
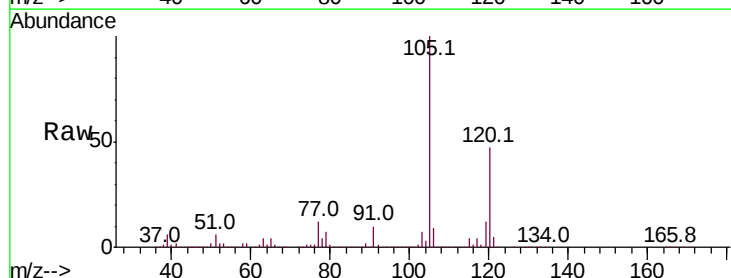
Manual Integrations
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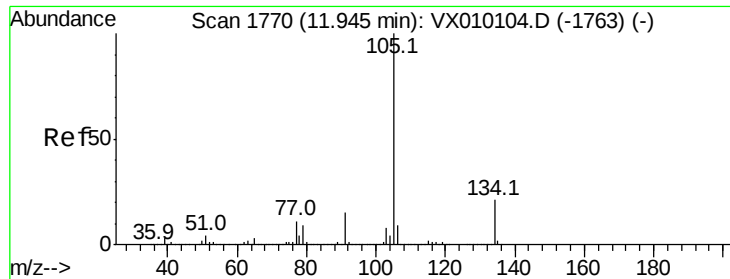
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#84
1,2,4-Trimethylbenzene
Concen: 51.904 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	657719		
120	47.0		22.1	66.1





#85

sec-Butylbenzene

Concen: 53.198 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 786963

Ion Ratio Lower Upper

105 100

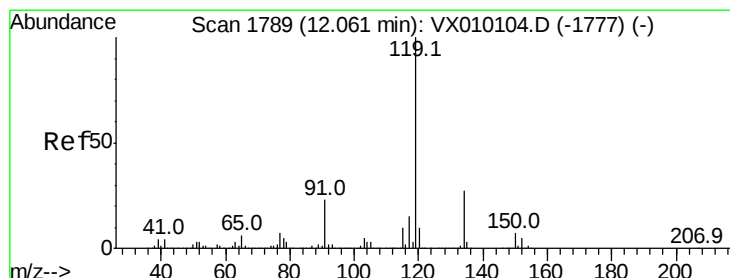
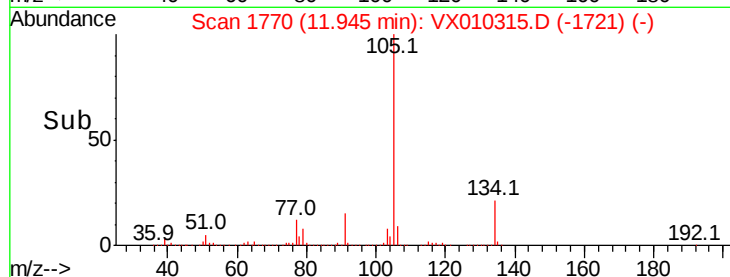
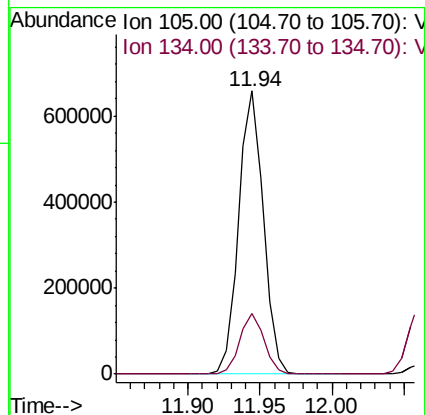
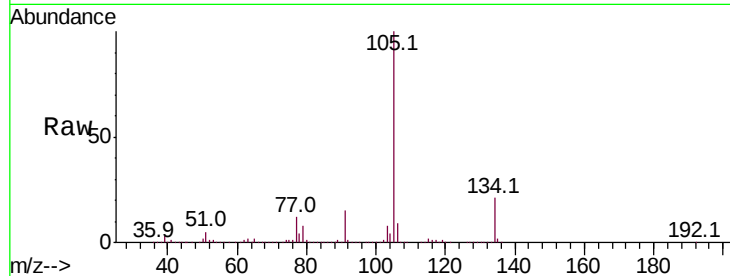
134 21.1 9.7 28.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 53.892 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

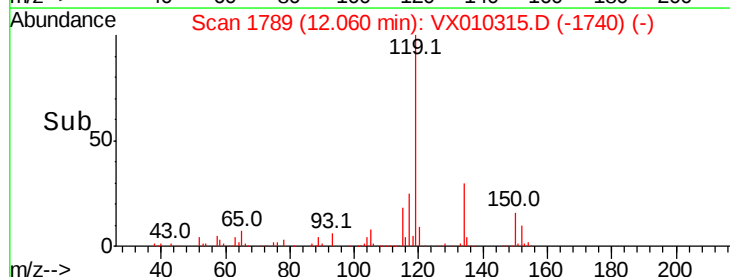
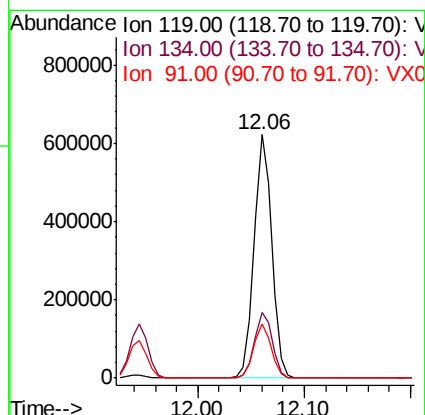
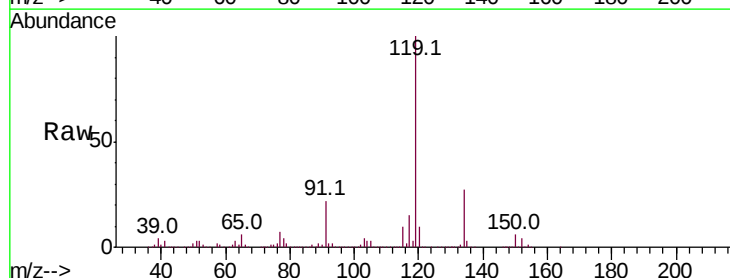
Tgt Ion:119 Resp: 728824

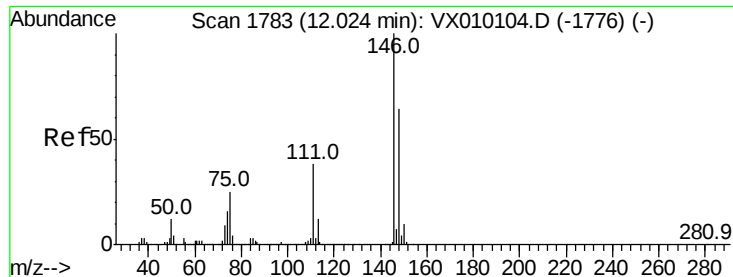
Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

91 22.1 11.9 35.9





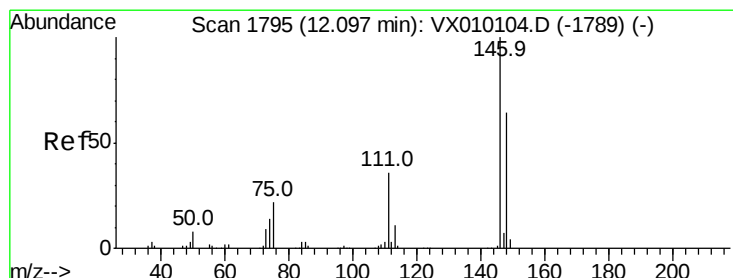
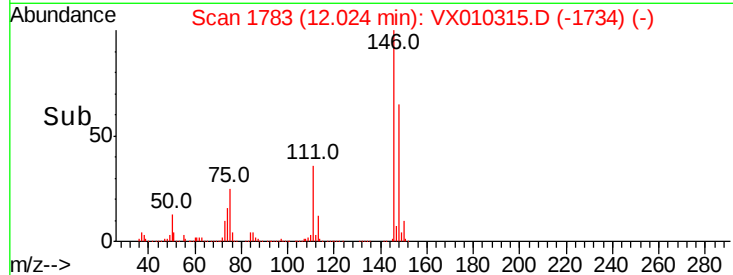
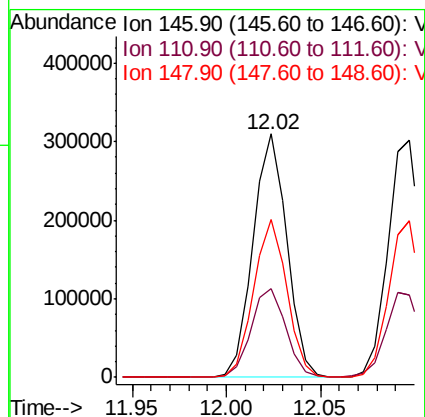
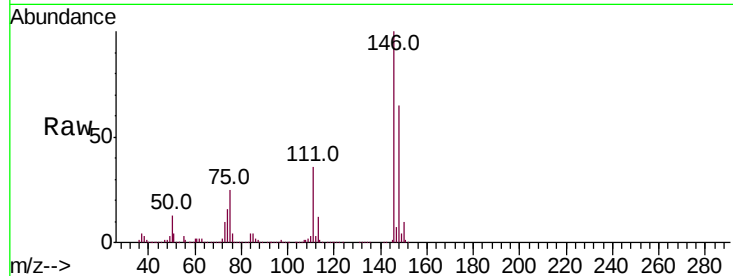
#87
 1,3-Dichlorobenzene
 Concen: 53.424 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	385436		
111	37.3	20.1	60.2	
148	63.7	31.9	95.5	

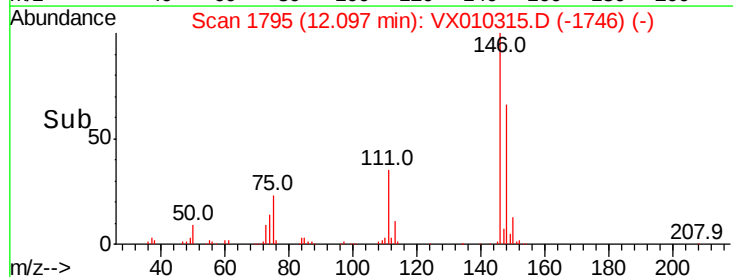
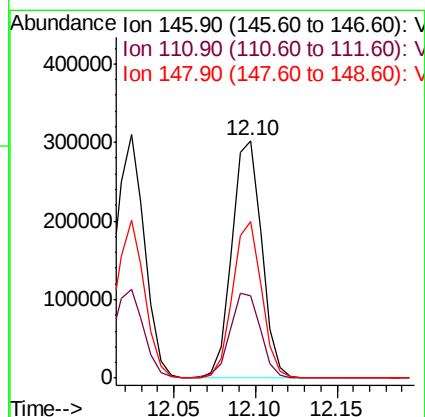
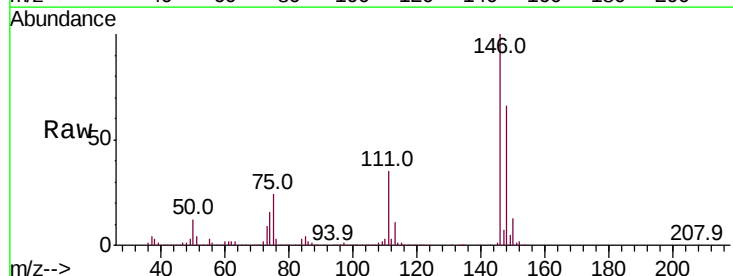
Manual Integrations
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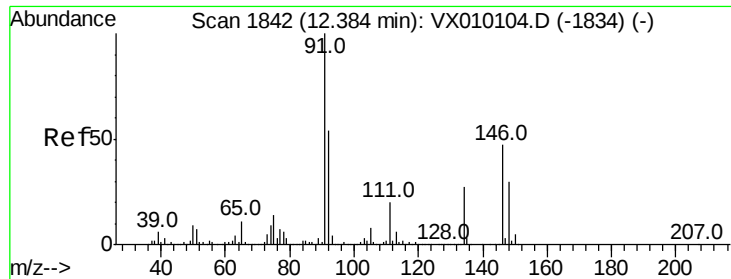
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#88
 1,4-Dichlorobenzene
 Concen: 52.668 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	383051		
111	36.6	20.0	59.9	
148	64.3	32.3	96.9	





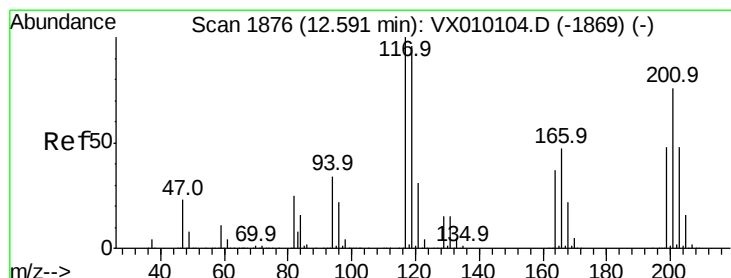
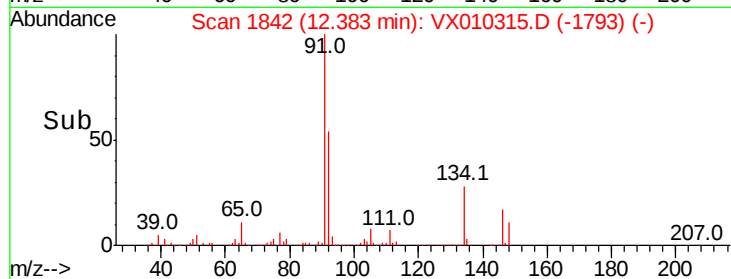
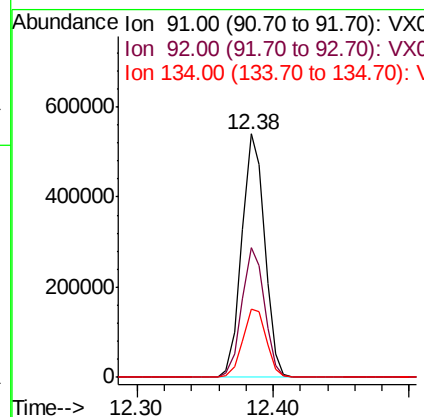
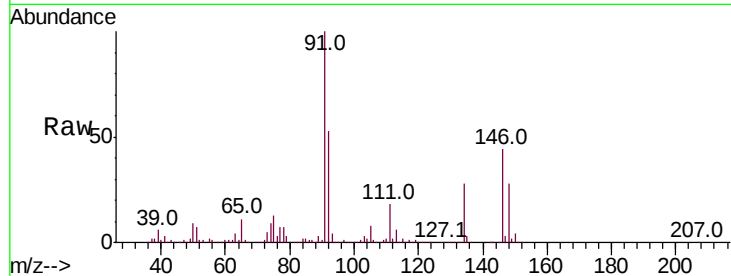
#89
n-Butylbenzene
Concen: 54.339 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.8
134	28.8	12.3	36.8

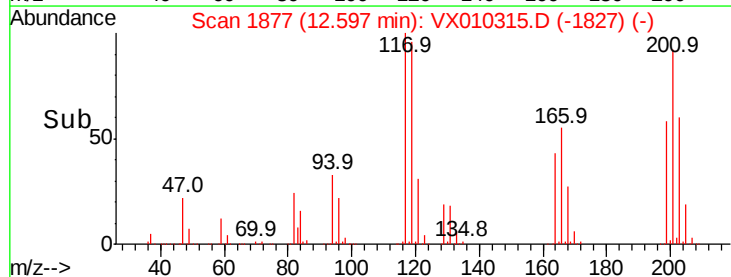
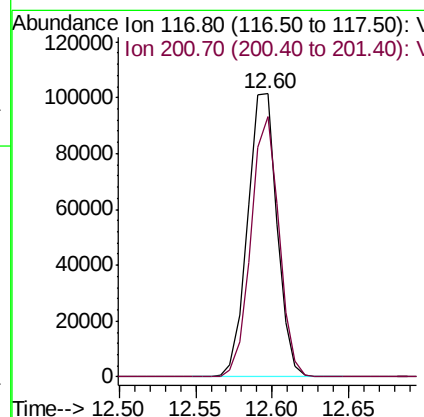
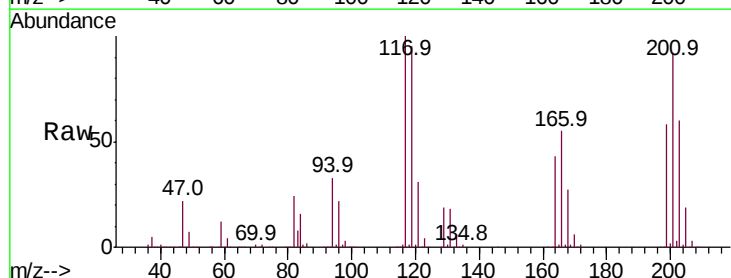
Manual Integrations
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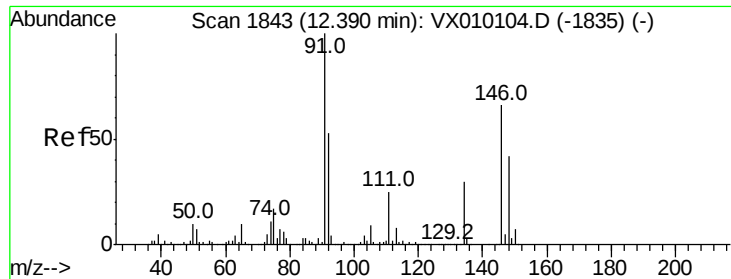
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#90
Hexachloroethane
Concen: 50.262 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	43.6	130.9





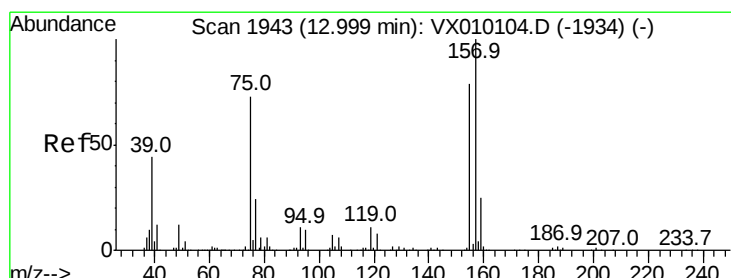
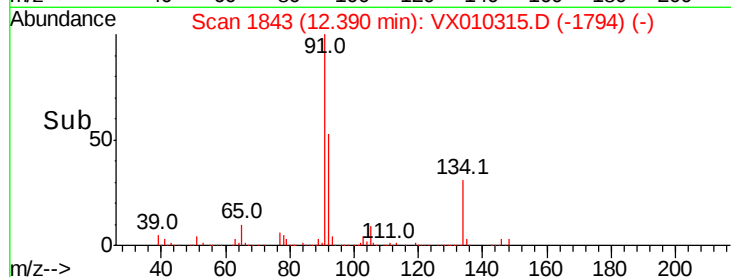
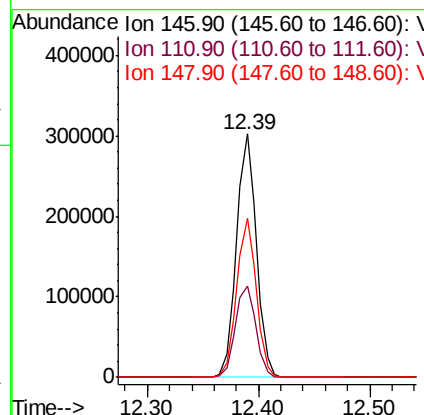
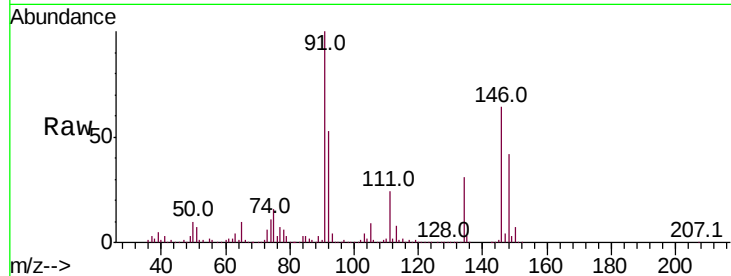
#91
 1,2-Dichlorobenzene
 Concen: 53.247 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	21.1	63.1
148	64.4	32.3	96.8

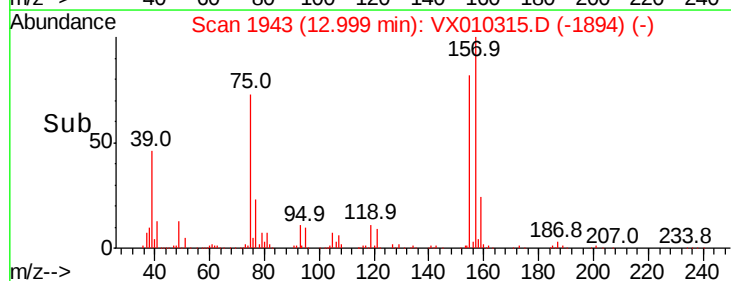
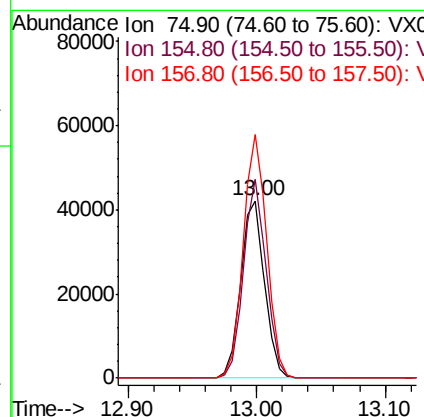
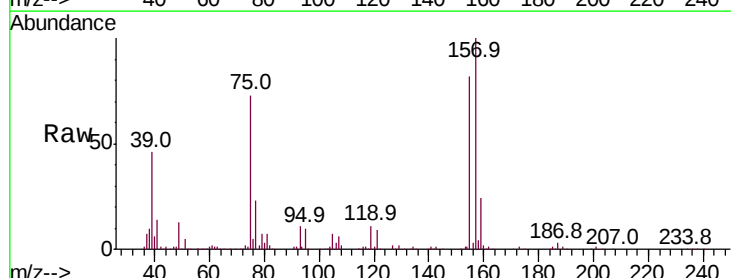
Manual Integrations
 APPROVED

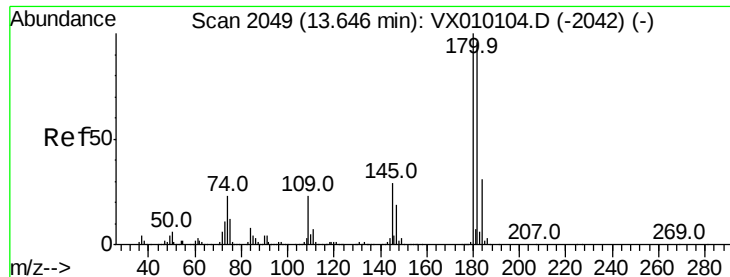
MMDadoda
 6/18/2019 11:26:19 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.217 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.2	39.3	117.8
157	134.2	50.6	151.8





#93

1,2,4-Trichlorobenzene

Concen: 53.950 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

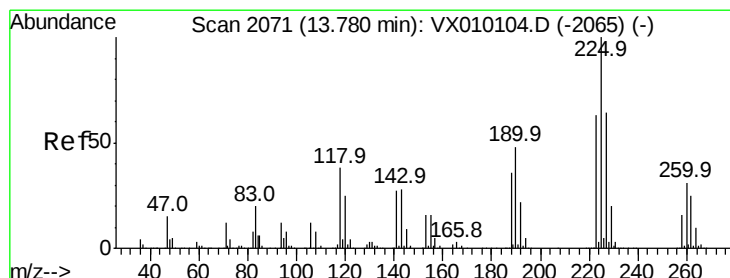
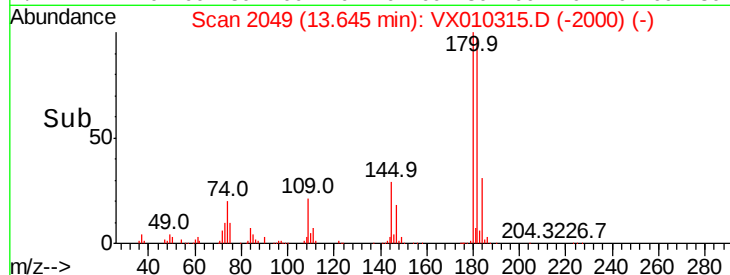
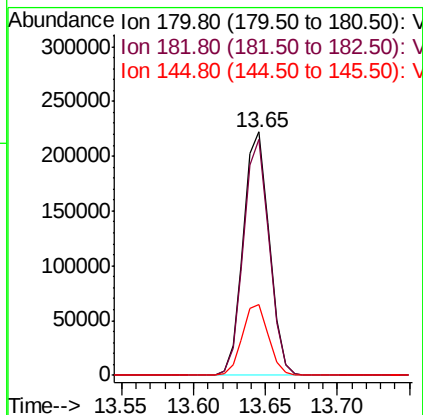
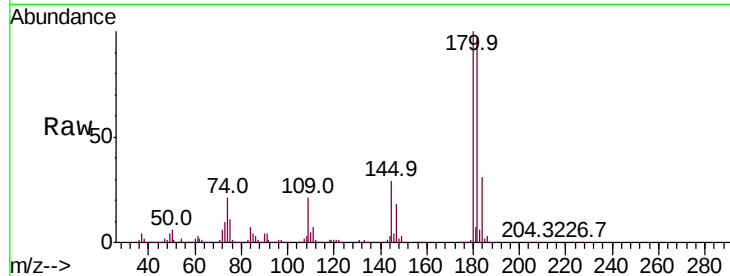
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	276988
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.4	142.2
145	29.4	14.5	43.5

Manual Integrations
APPROVED

MMDadoda
6/18/2019 11:26:19 AM



#94

Hexachlorobutadiene

Concen: 59.101 ug/l

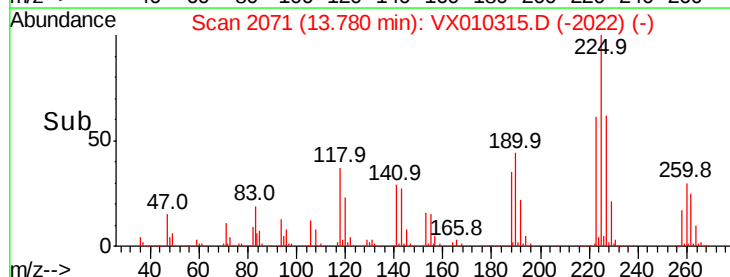
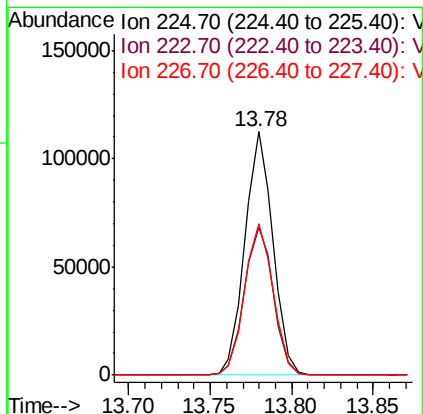
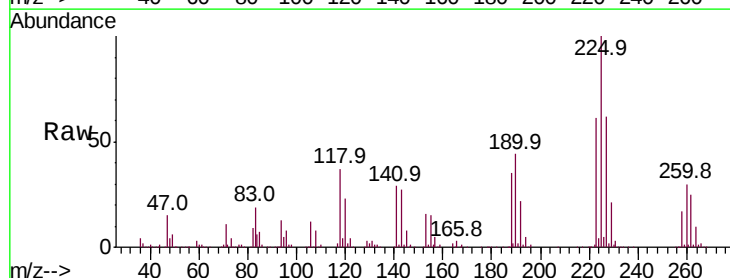
RT: 13.78 min Scan# 2071

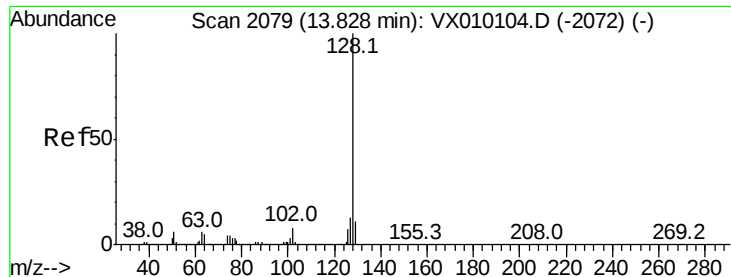
Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Tgt Ion:	225	Resp:	134949
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.3	93.8
227	63.4	32.3	96.8





#95

Naphthalene

Concen: 51.133 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

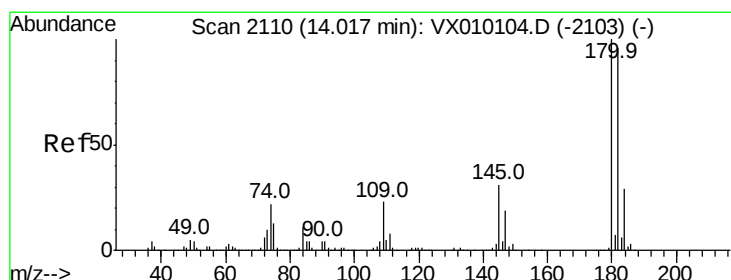
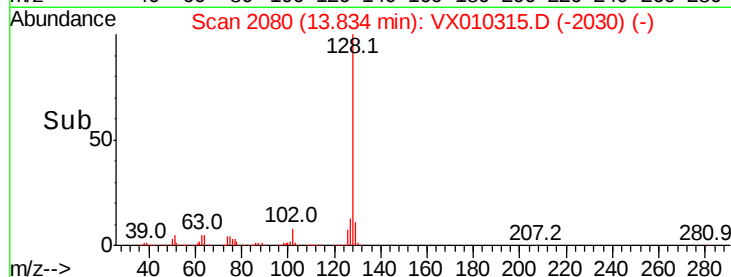
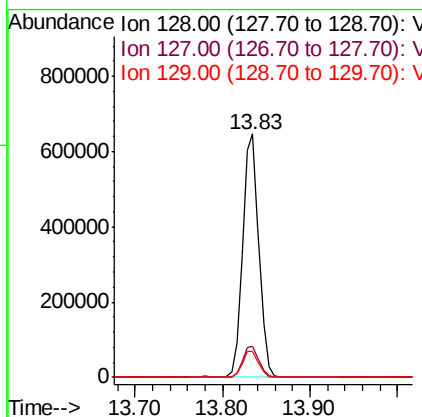
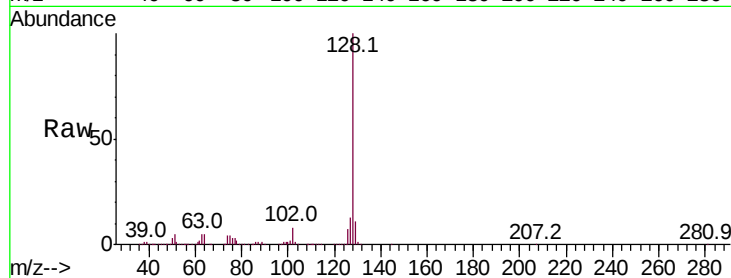
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	826413
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/18/2019 11:26:19 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.733 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Tgt Ion:	180	Resp:	272770
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.3	142.0
145	30.6	15.6	46.7

