

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011184.D
 Acq On : 30 Jul 2019 07:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:17:54 AM

Quant Time: Jul 30 08:32:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	259207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99465	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
35) Dibromofluoromethane	5.49	113	88719	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
50) Toluene-d8	8.71	98	322078	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	11.13	95	123798	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	79130	43.582	ug/l	97
3) Chloromethane	1.32	50	75122	47.898	ug/l	100
4) Vinyl Chloride	1.41	62	80914	50.580	ug/l	98
5) Bromomethane	1.64	94	40240	44.637	ug/l	98
6) Chloroethane	1.71	64	52499	51.641	ug/l	98
7) Trichlorofluoromethane	1.92	101	139681	51.582	ug/l	98
8) Diethyl Ether	2.19	74	48970	52.486	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75521	48.844	ug/l	98
10) Methyl Iodide	2.51	142	91933	45.309	ug/l	100
11) Tert butyl alcohol	3.06	59	105962	250.765	ug/l	99
12) 1,1-Dichloroethene	2.37	96	74731	49.193	ug/l	98
13) Acrolein	2.29	56	54475	223.132	ug/l	99
14) Allyl chloride	2.73	41	107042	48.510	ug/l	99
15) Acrylonitrile	3.14	53	232741	272.577	ug/l	100
16) Acetone	2.45	43	194599	237.470	ug/l	99
17) Carbon Disulfide	2.57	76	157660	40.459	ug/l	100
18) Methyl Acetate	2.78	43	113475	60.814	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	263241	53.828	ug/l	98
20) Methylene Chloride	2.85	84	88297	50.844	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	79079	49.060	ug/l	95
22) Diisopropyl ether	3.85	45	251886	54.124	ug/l	96
23) Vinyl Acetate	3.81	43	1033645	262.135	ug/l	100
24) 1,1-Dichloroethane	3.70	63	140903	52.133	ug/l	99
25) 2-Butanone	4.67	43	314776	267.590	ug/l	99
26) 2,2-Dichloropropane	4.58	77	67260	30.308	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	94606	50.714	ug/l	96
28) Bromochloromethane	5.01	49	65904	51.745	ug/l	99
29) Tetrahydrofuran	5.13	42	202149	271.291	ug/l	99
30) Chloroform	5.21	83	153465	52.532	ug/l	99
31) Cyclohexane	5.57	56	112393	45.623	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	132123	52.275	ug/l	99
36) 1,1-Dichloropropene	5.80	75	103721	48.715	ug/l	99
37) Ethyl Acetate	4.84	43	116712	53.533	ug/l	100
38) Carbon Tetrachloride	5.79	117	113732	51.262	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	121062	43.846	ug/l	99
40) Benzene	6.14	78	328672	50.394	ug/l	98
41) Methacrylonitrile	5.04	41	65014	52.530	ug/l	97
42) 1,2-Dichloroethane	6.19	62	118630	52.313	ug/l	100
43) Isopropyl Acetate	6.44	43	191331	53.372	ug/l	99
44) Trichloroethene	7.21	130	92939	48.141	ug/l	96
45) 1,2-Dichloropropane	7.51	63	84879	51.132	ug/l	100
46) Dibromomethane	7.66	93	63047	53.152	ug/l	97
47) Bromodichloromethane	7.90	83	114842	54.389	ug/l	96
48) Methyl methacrylate	7.77	41	93848	53.739	ug/l	98
49) 1,4-Dioxane	7.74	88	51336	1050.884	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	657677	283.011	ug/l	99
52) Toluene	8.78	92	217265	50.709	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	113368	49.934	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	123918	49.051	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95326	54.036	ug/l	99
56) Ethyl methacrylate	9.18	69	142951	55.397	ug/l	98
57) 1,3-Dichloropropane	9.37	76	147261	52.620	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	333623	270.835	ug/l	99
59) 2-Hexanone	9.49	43	508359	282.042	ug/l	99
60) Dibromochloromethane	9.58	129	101296	49.898	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99788	53.300	ug/l	99
64) Tetrachloroethene	9.34	164	87753	46.328	ug/l	97
65) Chlorobenzene	10.13	112	246797	49.904	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	92080	52.978	ug/l	96
67) Ethyl Benzene	10.25	91	425104	50.501	ug/l	99
68) m/p-Xylenes	10.36	106	327353	101.381	ug/l	99
69) o-Xylene	10.69	106	163504	51.885	ug/l	99
70) Styrene	10.71	104	279838	53.270	ug/l	99
71) Bromoform	10.85	173	77663	49.122	ug/l	98
73) Isopropylbenzene	11.02	105	435689	49.123	ug/l	100
74) N-amyl acetate	10.90	43	179442	52.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	153038	52.725	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	124084m	52.385	ug/l	
77) Bromobenzene	11.26	156	120521	49.263	ug/l	99
78) n-propylbenzene	11.36	91	485598	49.551	ug/l	99
79) 2-Chlorotoluene	11.42	91	292775	49.732	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	369280	49.827	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35897	39.319	ug/l	94
82) 4-Chlorotoluene	11.51	91	341827	49.888	ug/l	99
83) tert-Butylbenzene	11.77	119	373511	51.309	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	375943	50.328	ug/l	100
85) sec-Butylbenzene	11.94	105	432257	50.676	ug/l	100
86) p-Isopropyltoluene	12.06	119	403704	51.193	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	213078	50.187	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	211904	48.665	ug/l	99
89) n-Butylbenzene	12.38	91	335574	49.740	ug/l	100
90) Hexachloroethane	12.59	117	65187	52.409	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	211117	50.173	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32691	53.881	ug/l	99

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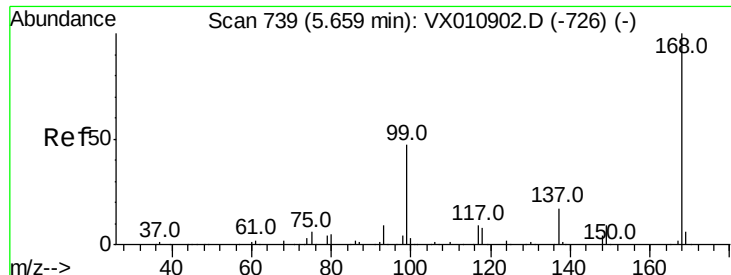
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	146050	51.216	ug/l	99
94) Hexachlorobutadiene	13.78	225	69456	49.150	ug/l	98
95) Naphthalene	13.83	128	465772	55.313	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148083	52.190	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 170550

Ion Ratio Lower Upper

168 100

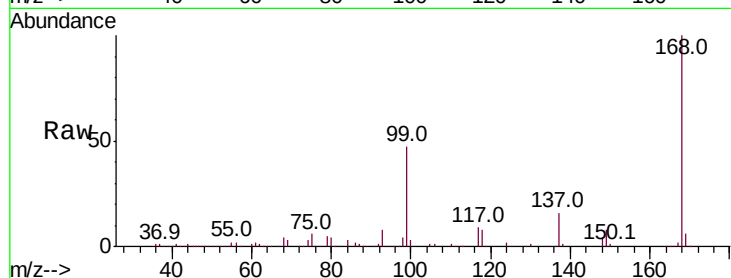
99 47.1 37.6 56.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

40000

20000

0

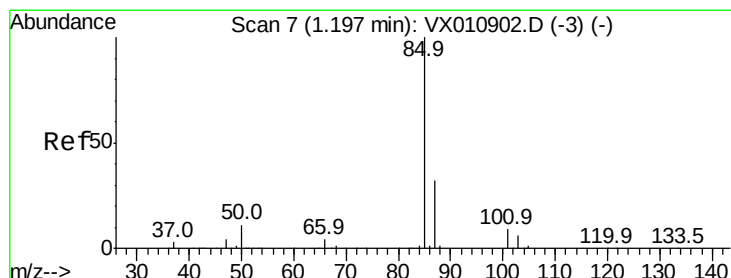
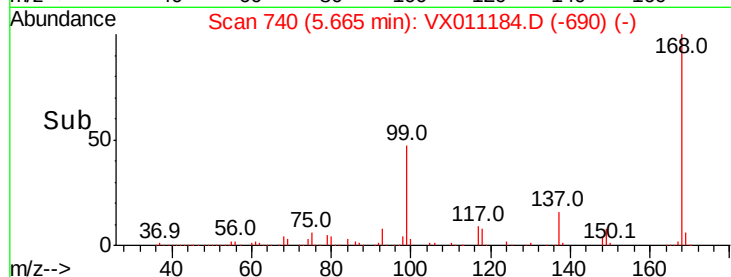
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 43.582 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011184.D

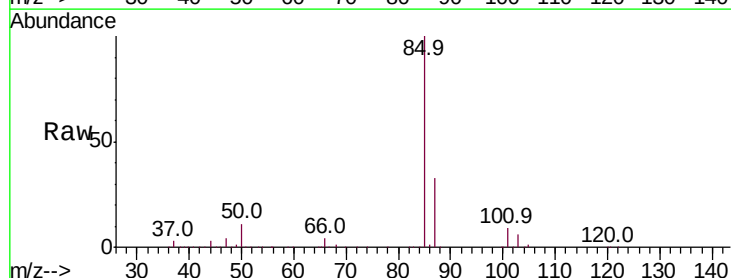
Acq: 30 Jul 2019 07:24

Tgt Ion: 85 Resp: 79130

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

40000

20000

0

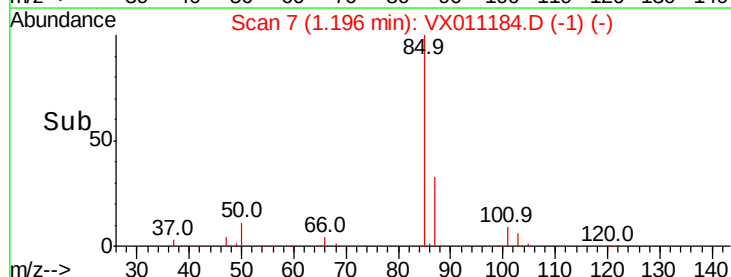
Time-->

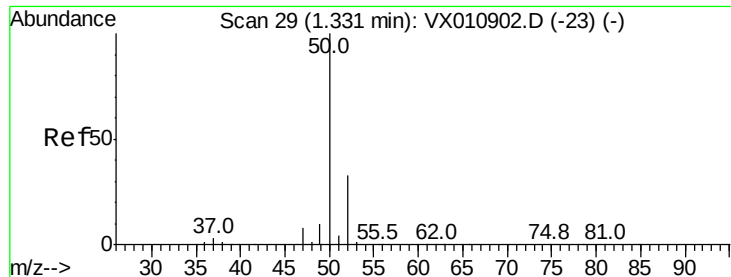
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 47.898 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 75122

Ion Ratio Lower Upper

50 100

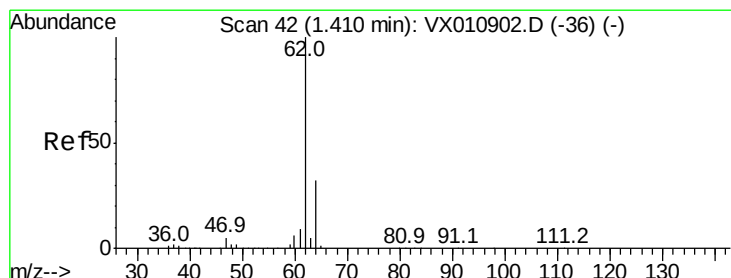
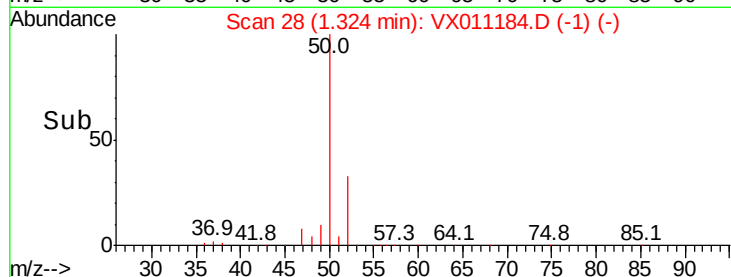
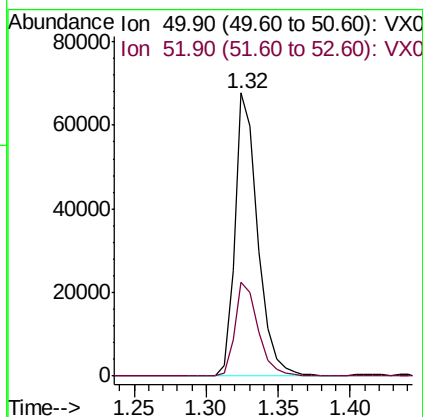
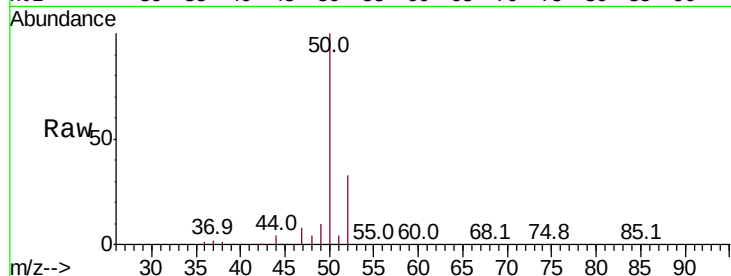
52 33.0 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.580 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011184.D

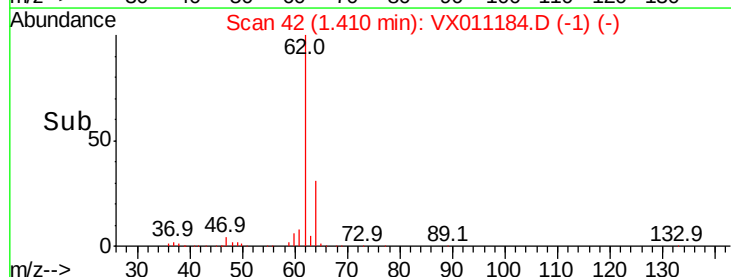
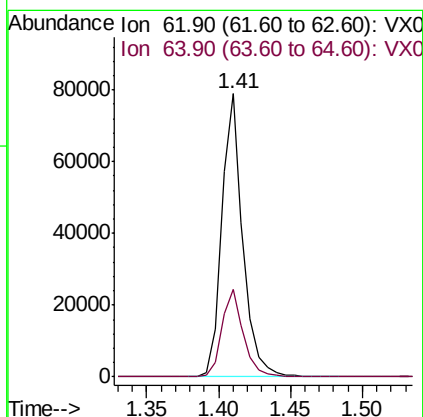
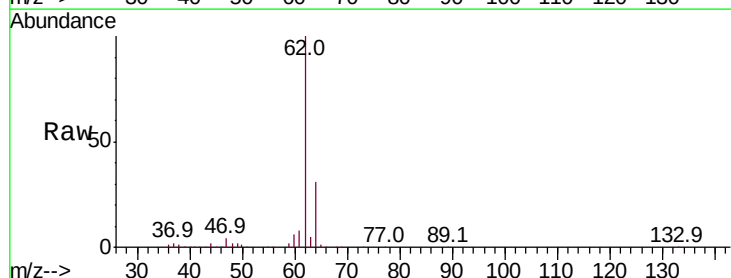
Acq: 30 Jul 2019 07:24

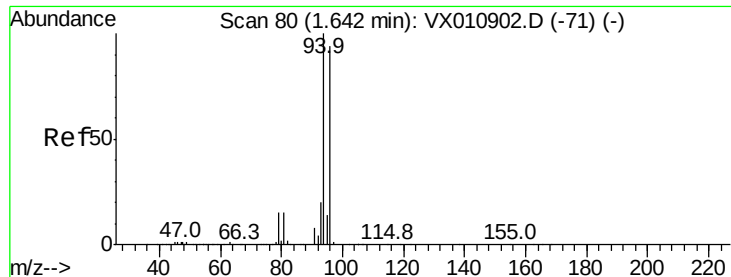
Tgt Ion: 62 Resp: 80914

Ion Ratio Lower Upper

62 100

64 30.8 25.7 38.5





#5

Bromomethane

Concen: 44.637 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 40240

Ion Ratio Lower Upper

94 100

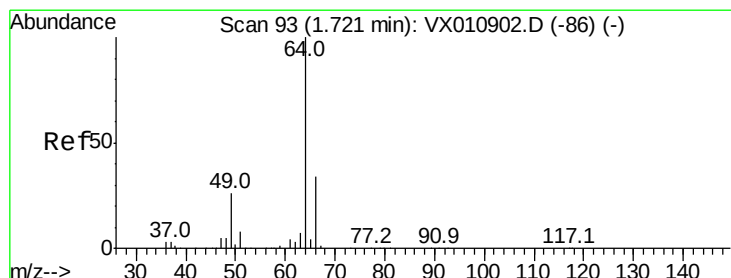
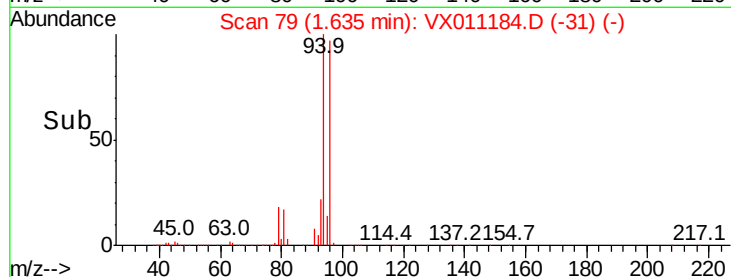
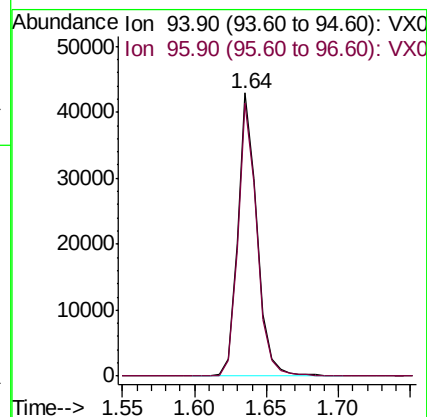
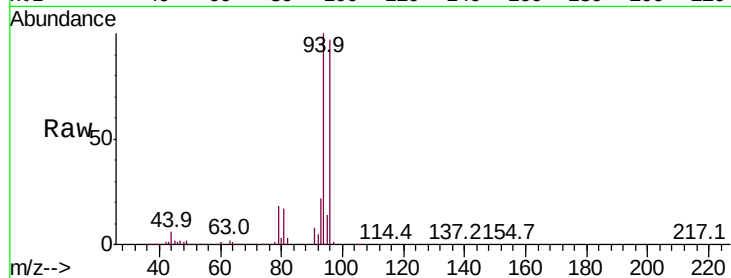
96 96.7 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 51.641 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011184.D

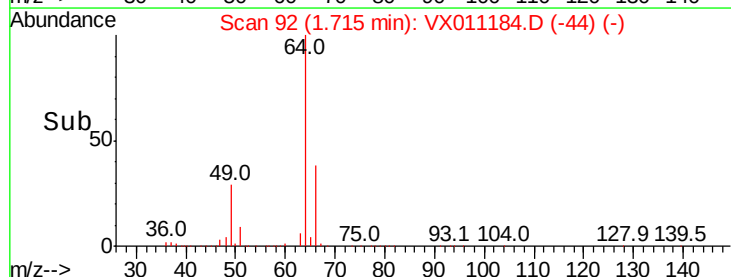
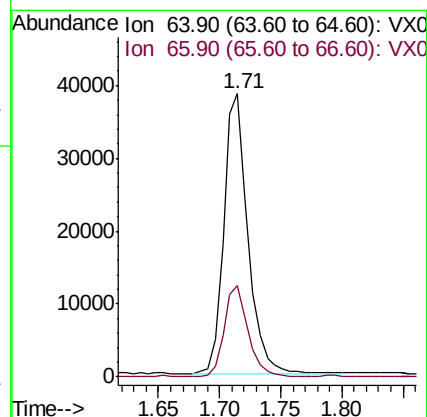
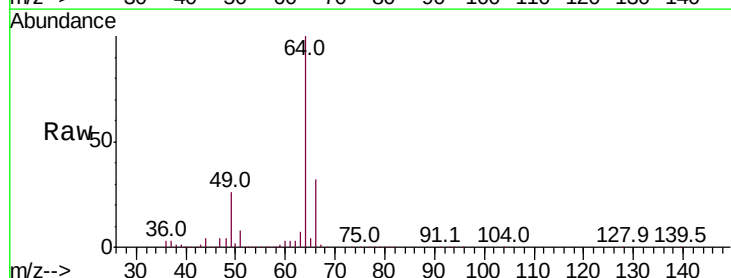
Acq: 30 Jul 2019 07:24

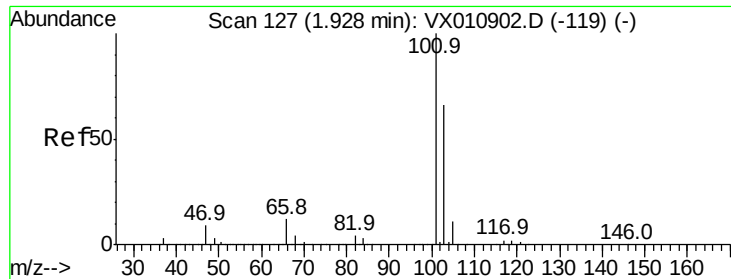
Tgt Ion: 64 Resp: 52499

Ion Ratio Lower Upper

64 100

66 32.5 27.0 40.6





#7

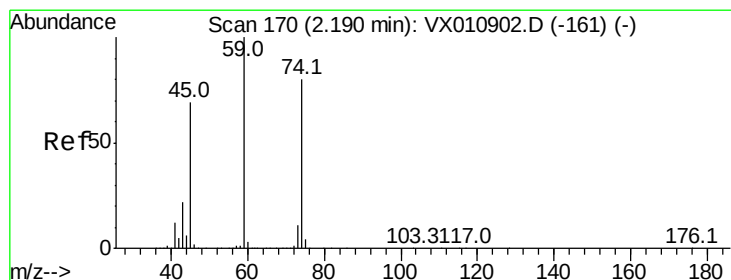
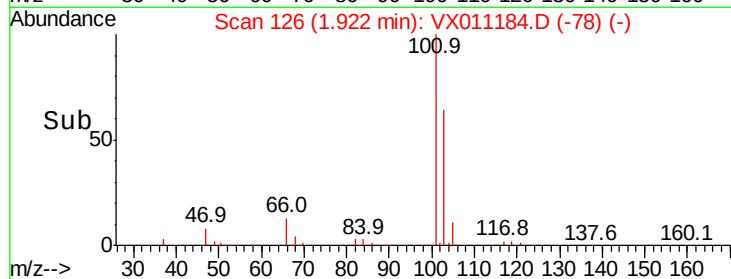
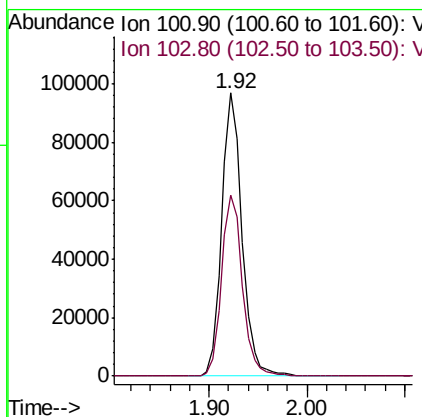
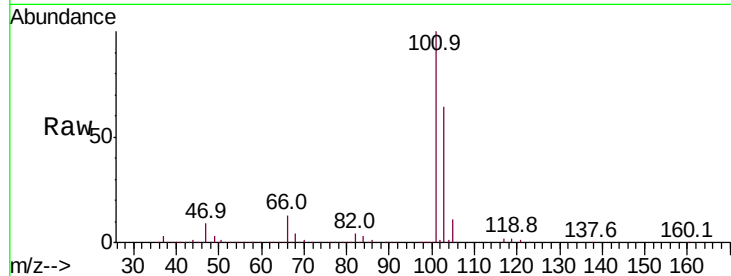
Trichlorofluoromethane
Concen: 51.582 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.6	78.8

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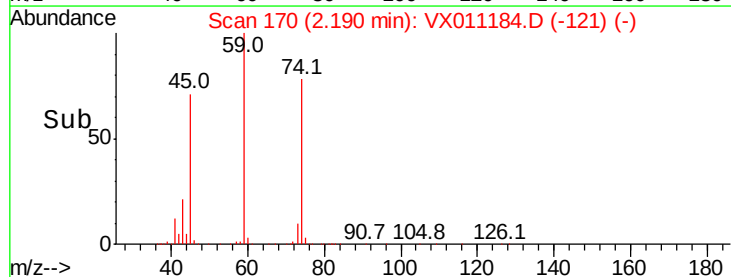
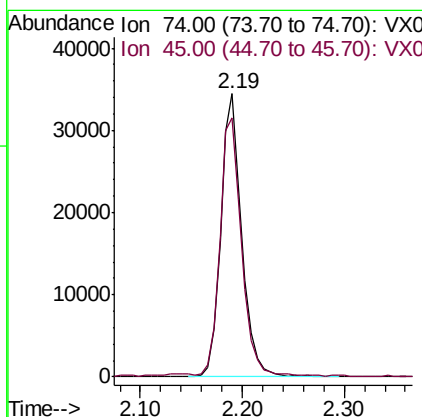
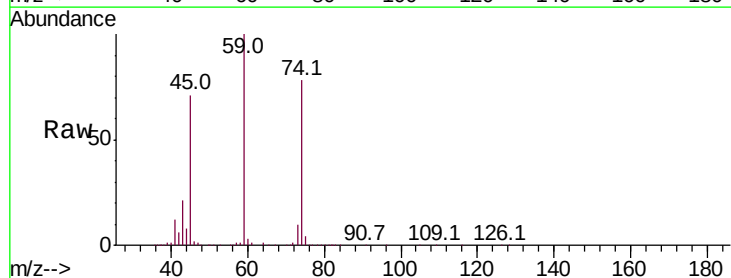
MMDadoda
7/30/2019 11:17:54 AM

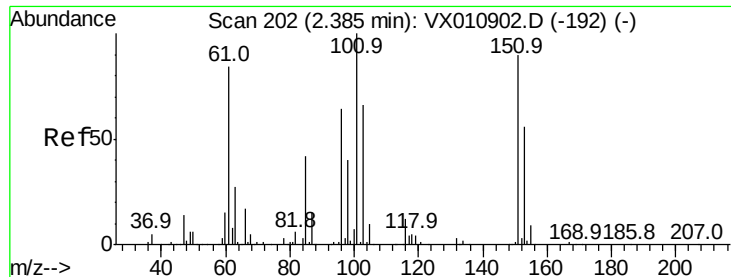


#8

Diethyl Ether
Concen: 52.486 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.844 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

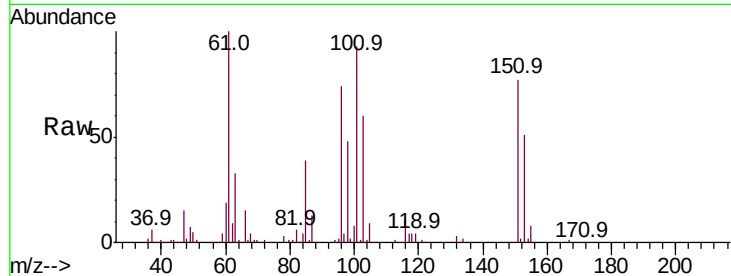
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	75521
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.6	52.0
151	84.9	69.6	104.4

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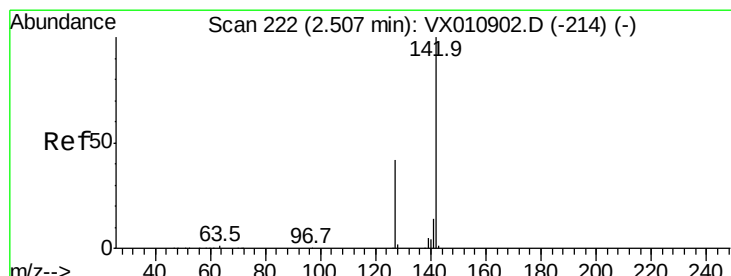
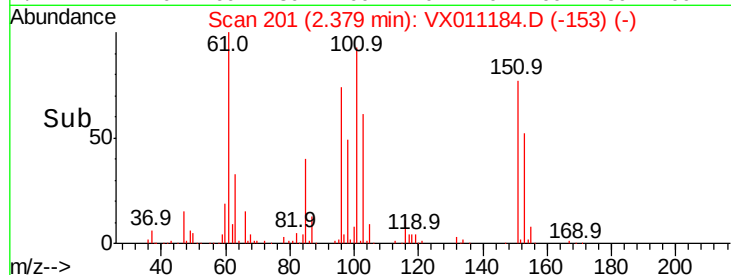
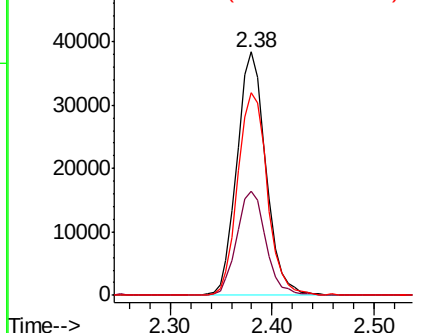


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.309 ug/l

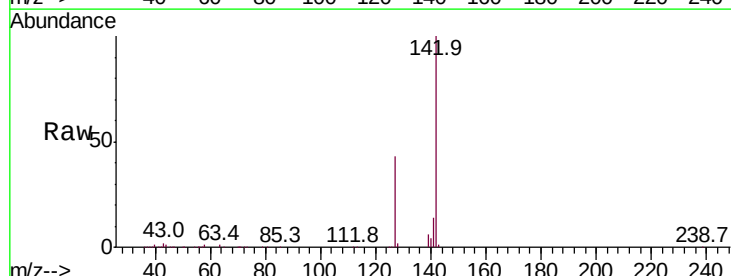
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Tgt Ion:	142	Resp:	91933
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.2	51.4
141	14.1	11.7	17.5

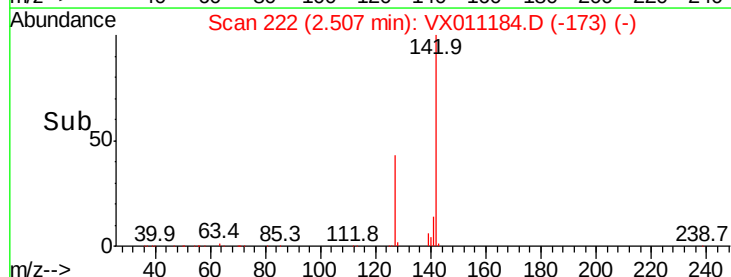
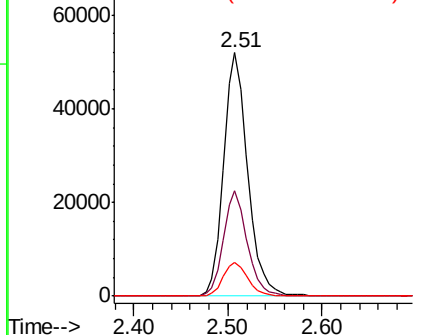


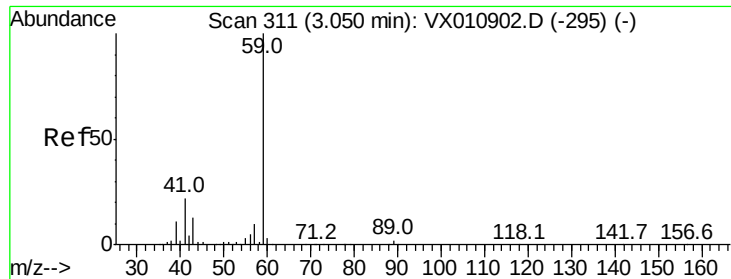
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

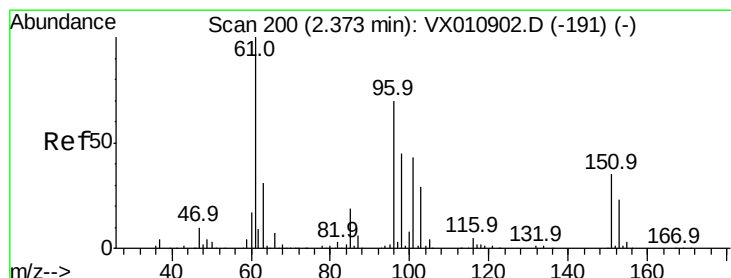
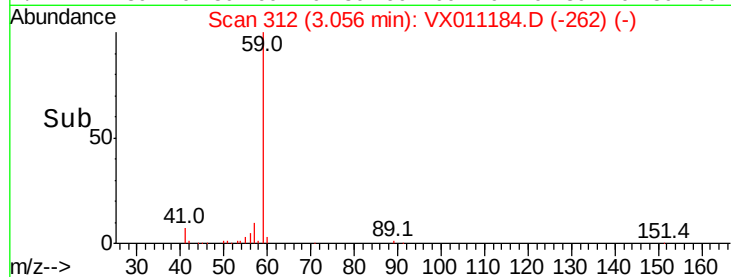
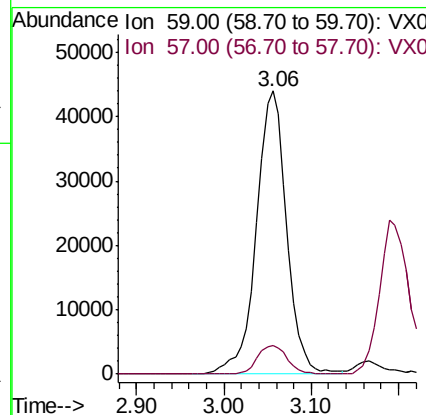
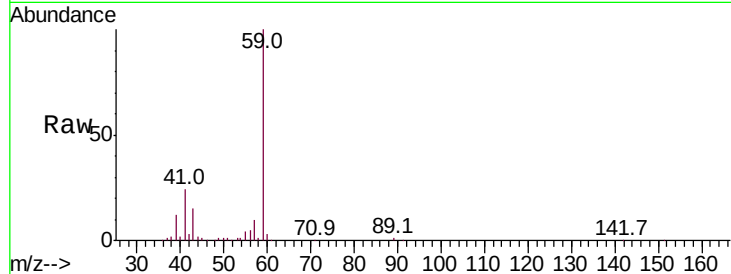
Tert butyl alcohol
Concen: 250.765 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 105962
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9

Manual Integrations
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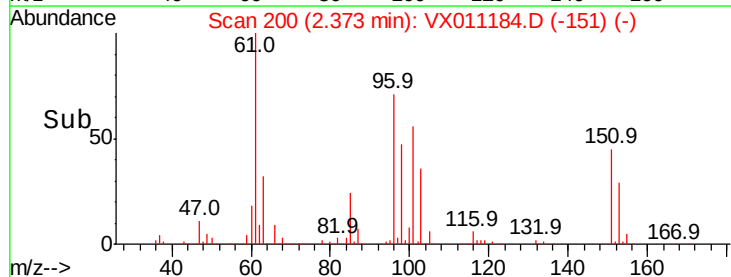
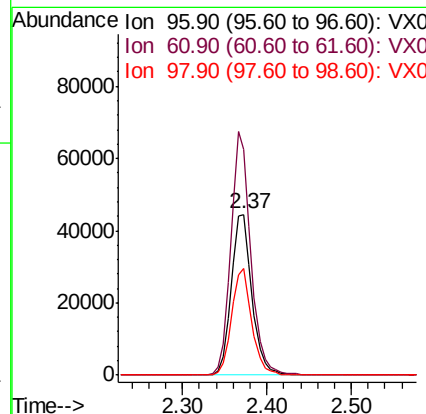
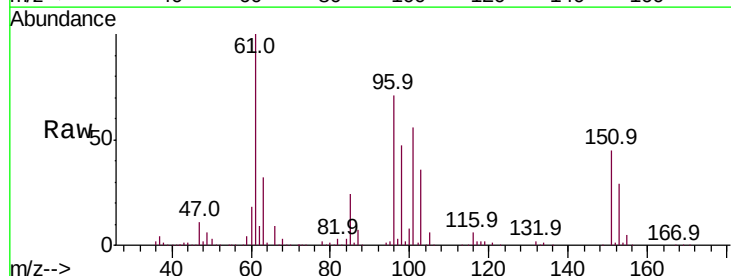
MMDadoda
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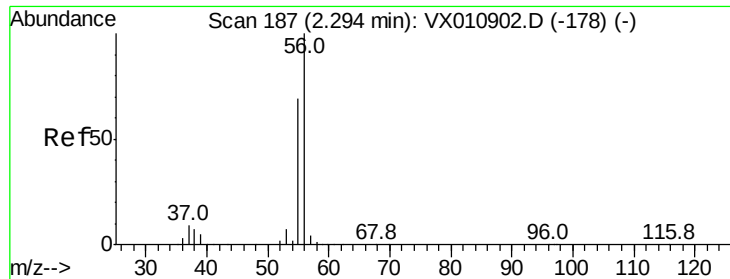


#12

1,1-Dichloroethene
Concen: 49.193 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 96 Resp: 74731
Ion Ratio Lower Upper
96 100
61 140.6 115.0 172.4
98 66.2 52.2 78.2





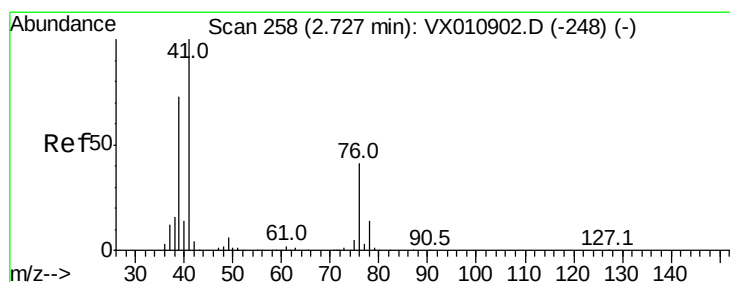
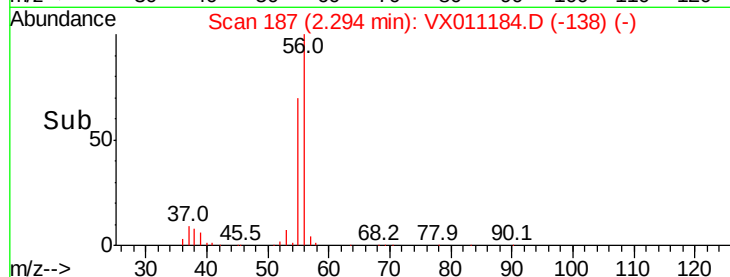
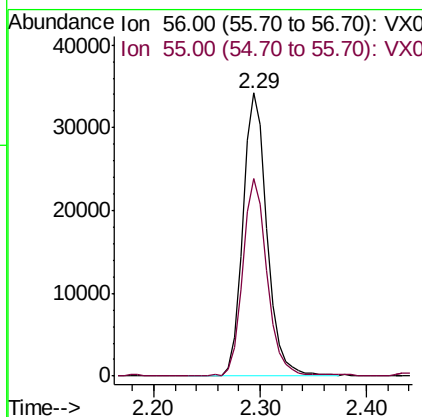
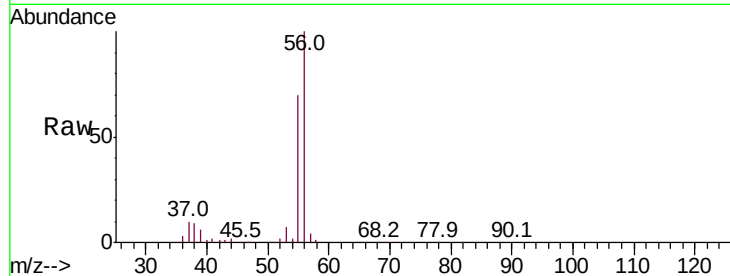
#13
Acrolein
Concen: 223.132 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	54475
Ion Ratio	100	Lower	Upper
55	70.3	55.9	83.9

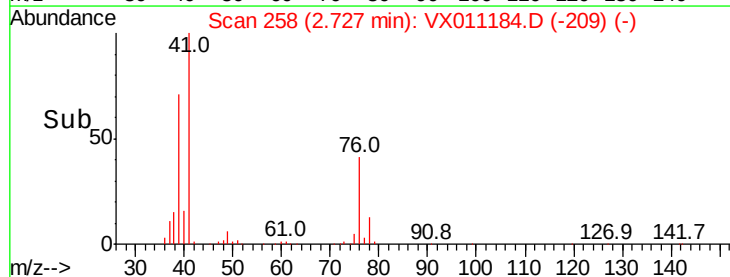
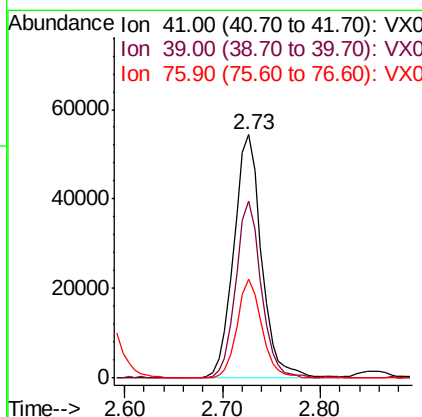
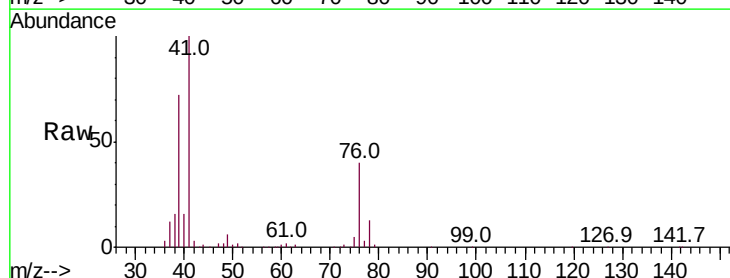
Manual Integrations
APPROVED

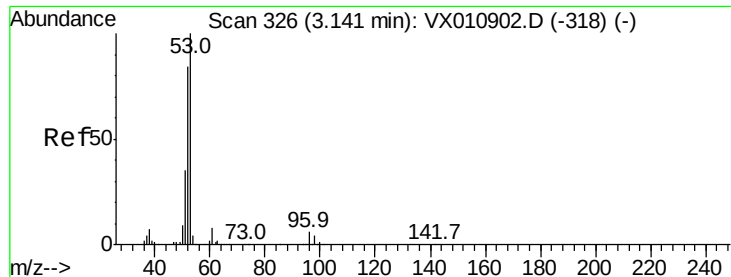
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#14
Allyl chloride
Concen: 48.510 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion	41	Resp	107042
Ion Ratio	100	Lower	Upper
39	66.8	53.6	80.4
76	36.3	29.7	44.5





#15

Acrylonitrile

Concen: 272.577 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

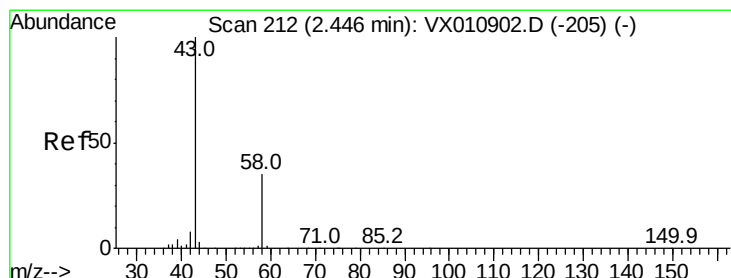
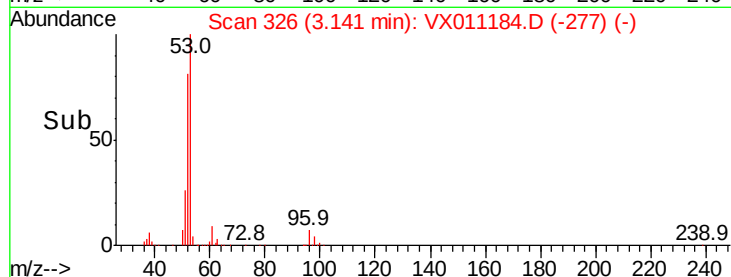
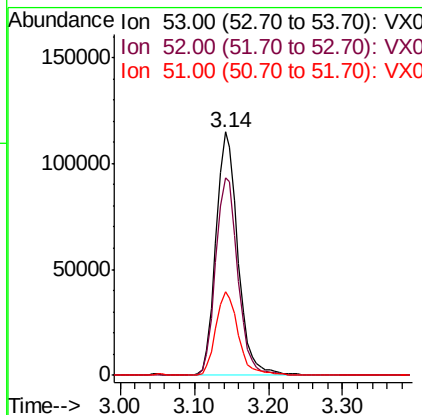
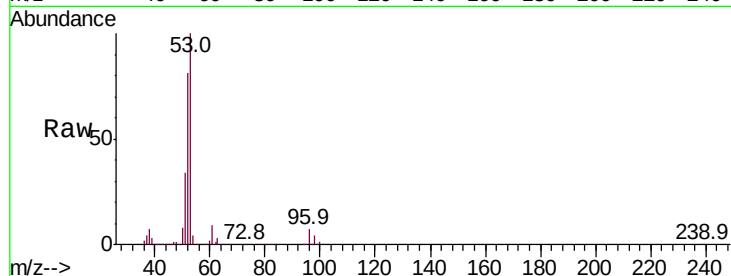
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	232741
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.5	99.7
51	35.3	28.2	42.4

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#16

Acetone

Concen: 237.470 ug/l

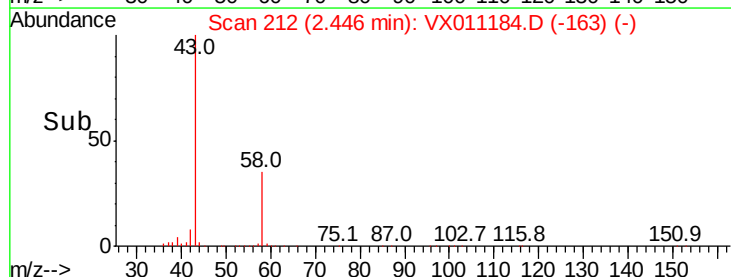
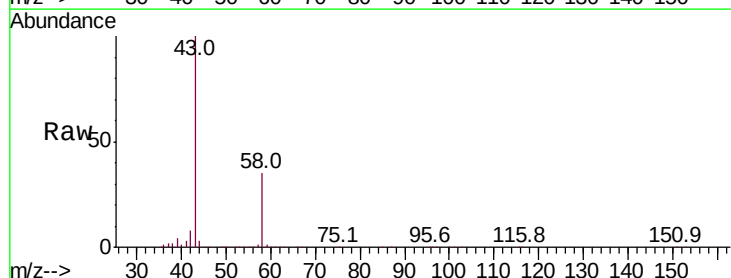
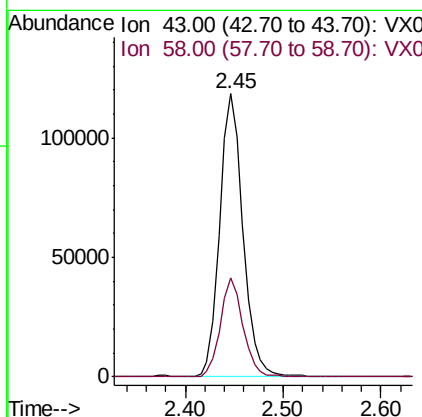
RT: 2.45 min Scan# 212

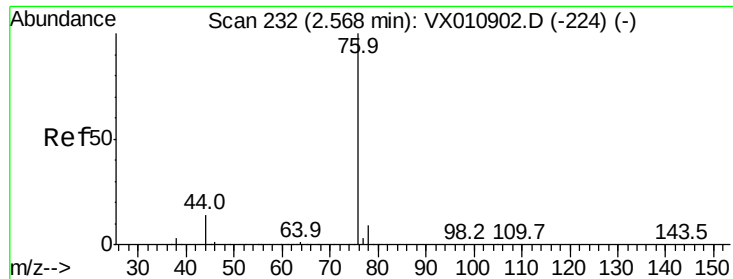
Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Tgt Ion:	43	Resp:	194599
Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.7	41.5





#17

Carbon Disulfide

Concen: 40.459 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 157660

Ion Ratio Lower Upper

76 100

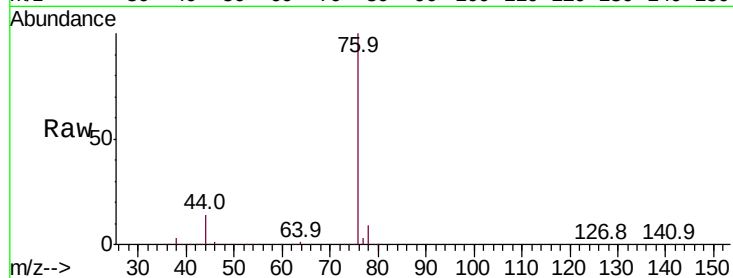
78 9.2 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

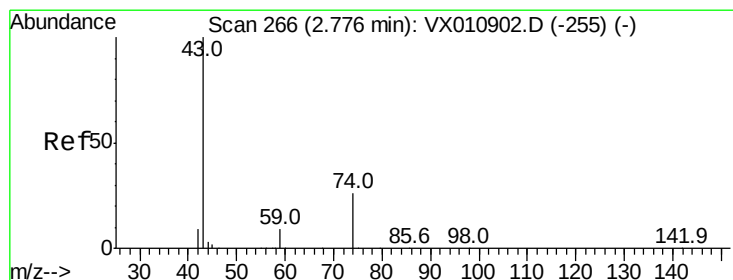
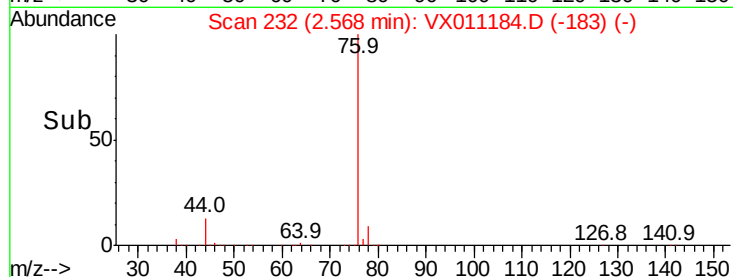
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 60.814 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX011184.D

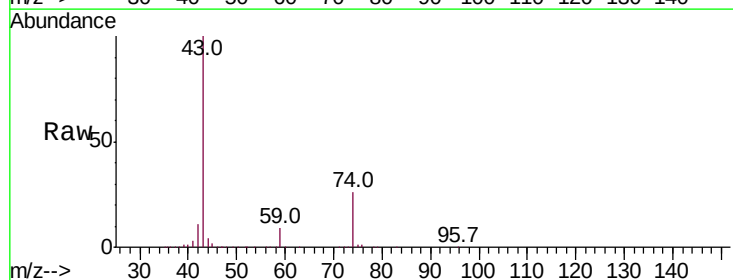
Acq: 30 Jul 2019 07:24

Tgt Ion: 43 Resp: 113475

Ion Ratio Lower Upper

43 100

74 26.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

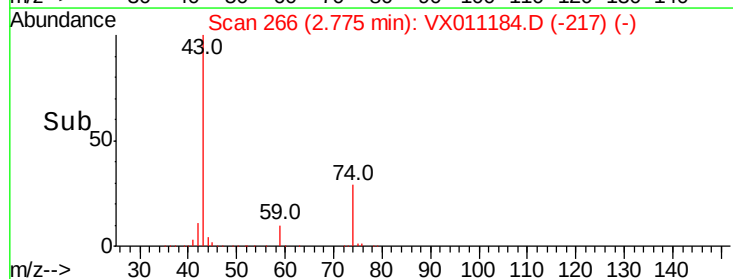
60000

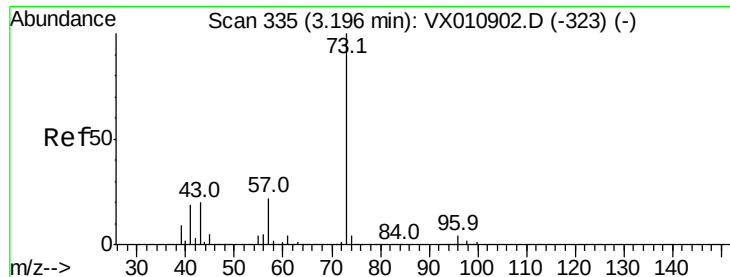
40000

20000

0

Time-->





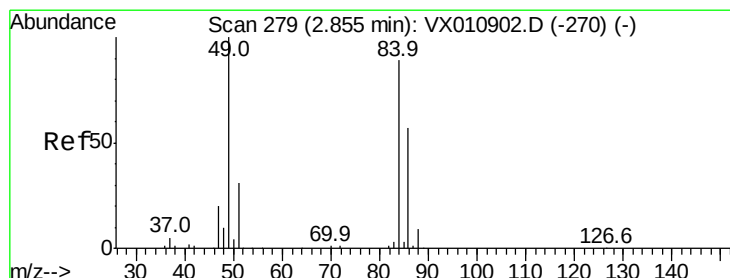
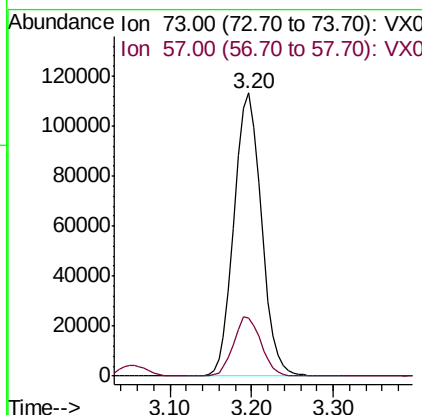
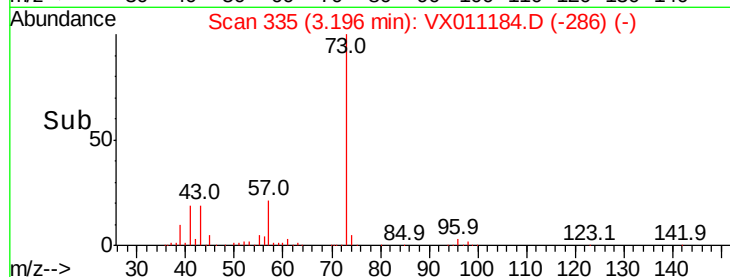
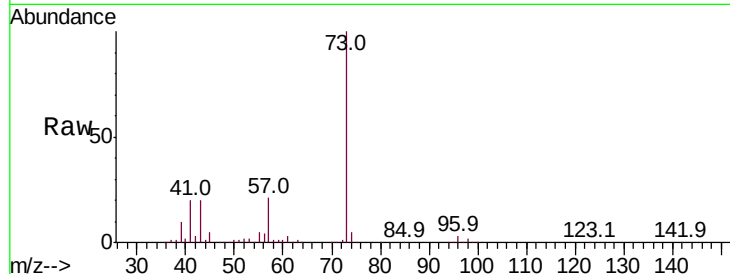
#19
Methyl tert-butyl Ether
Concen: 53.828 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.3	25.9

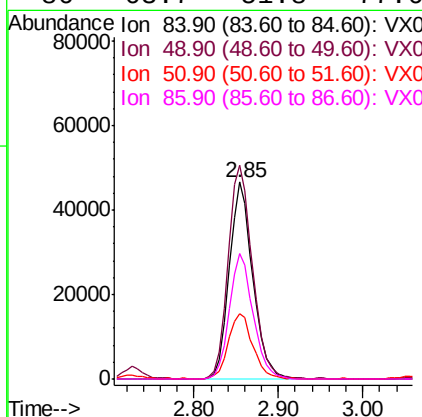
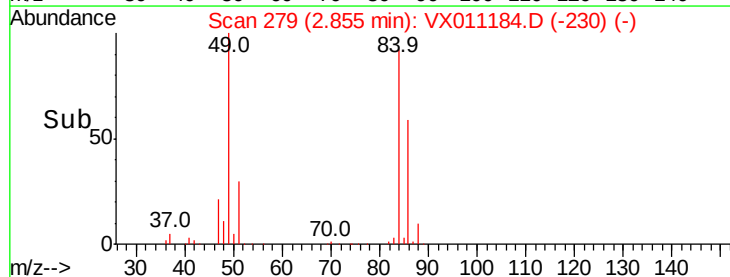
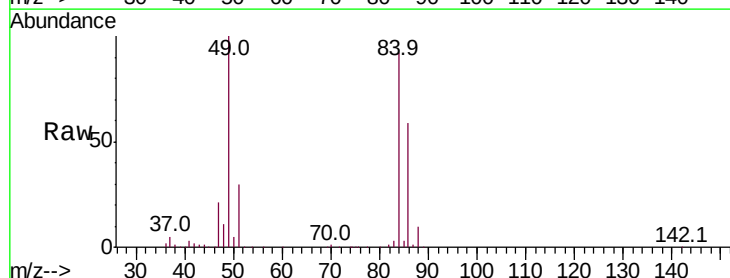
Manual Integrations
APPROVED

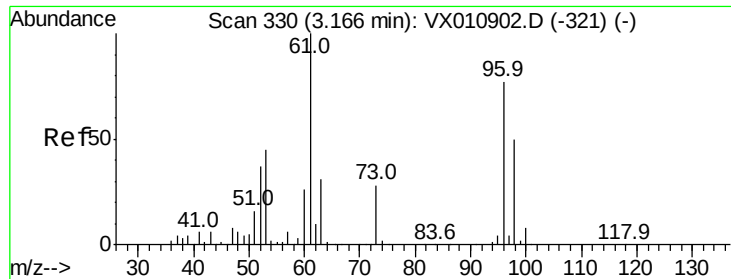
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#20
Methylene Chloride
Concen: 50.844 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.3	89.9	134.9
51	32.9	27.8	41.6
86	63.7	51.8	77.6





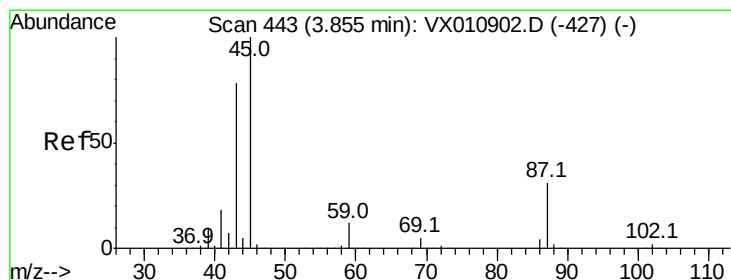
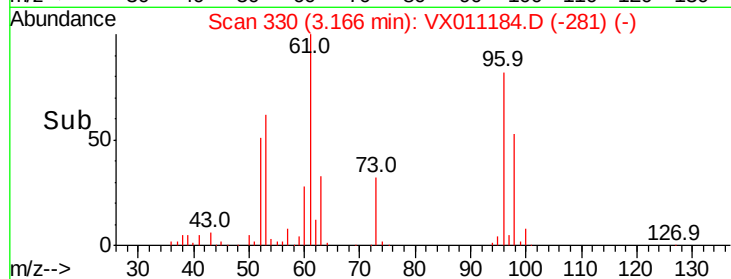
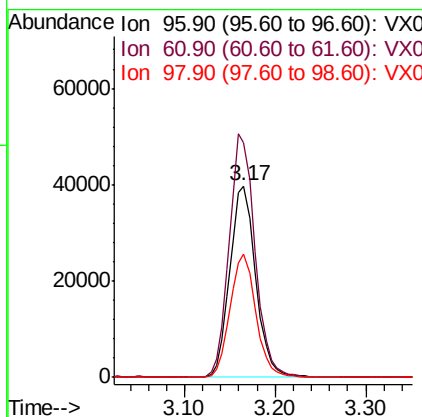
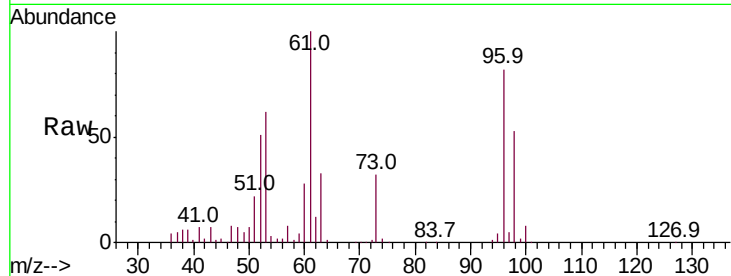
#21
trans-1,2-Dichloroethene
Concen: 49.060 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.2	104.2	156.2
98	64.6	52.2	78.4

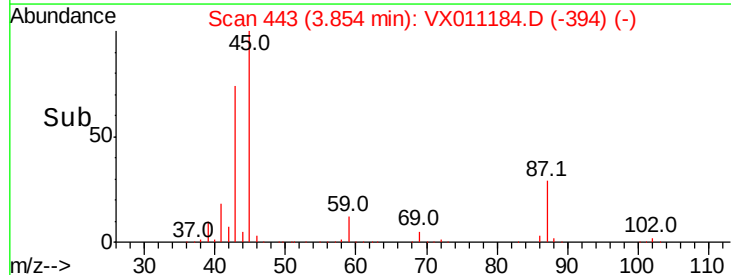
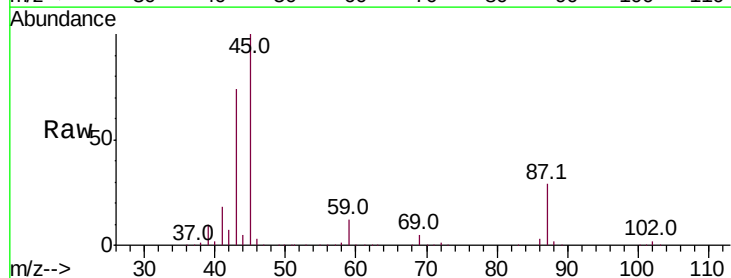
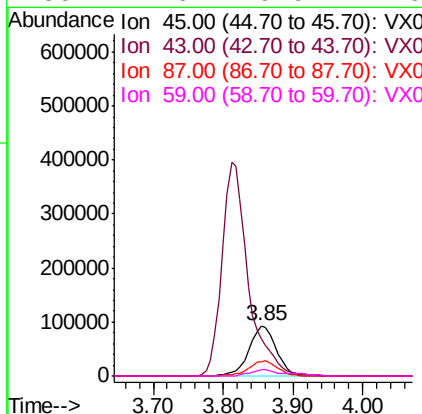
Manual Integrations
APPROVED

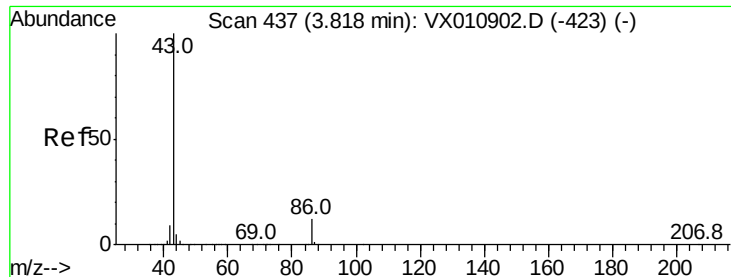
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#22
Diisopropyl ether
Concen: 54.124 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.7	62.3	93.5
87	28.7	25.0	37.4
59	11.6	9.9	14.9





#23

Vinyl Acetate

Concen: 262.135 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1033645

Ion Ratio Lower Upper

43 100

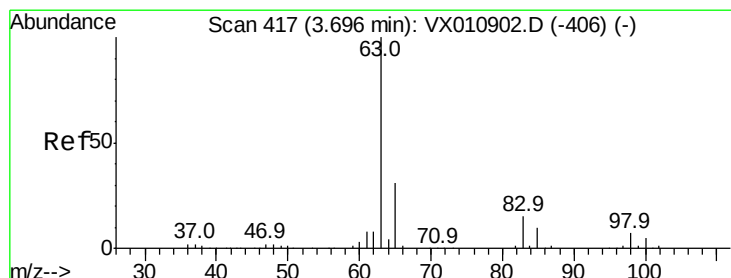
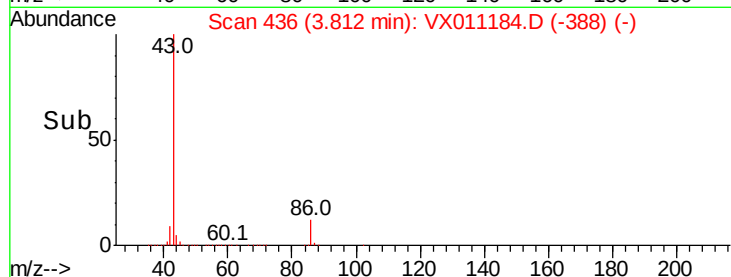
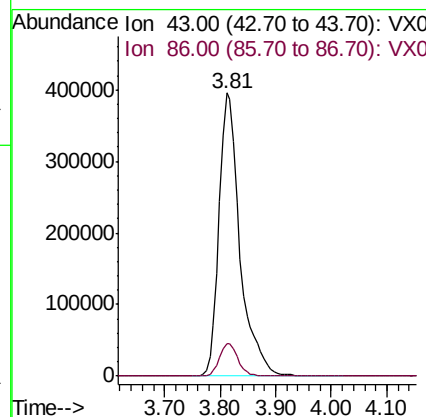
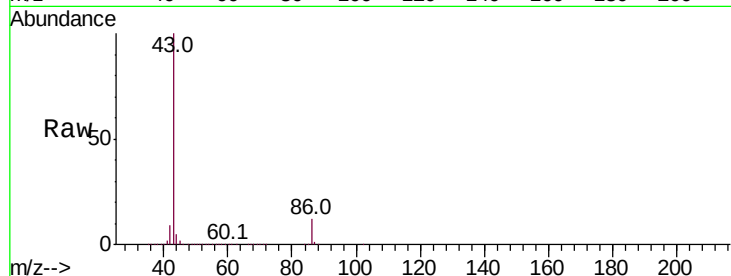
86 11.6 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.133 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

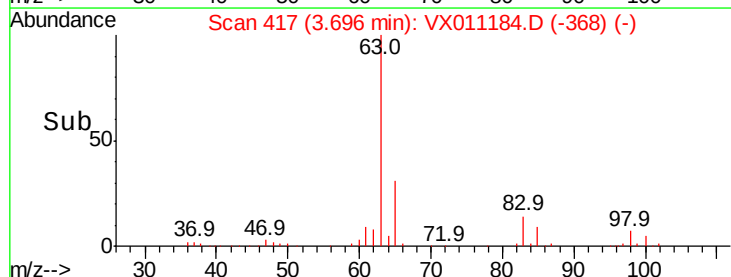
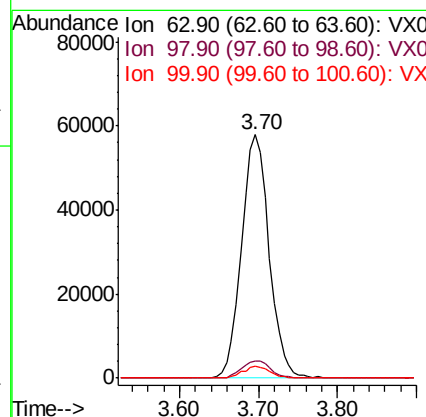
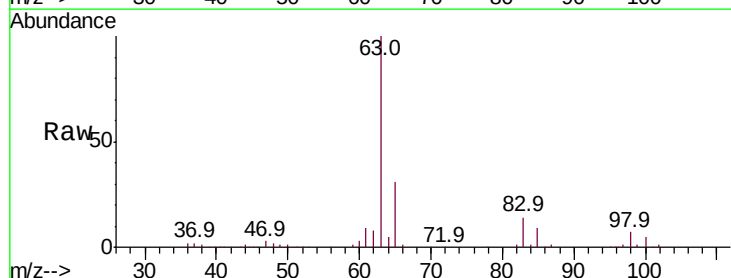
Tgt Ion: 63 Resp: 140903

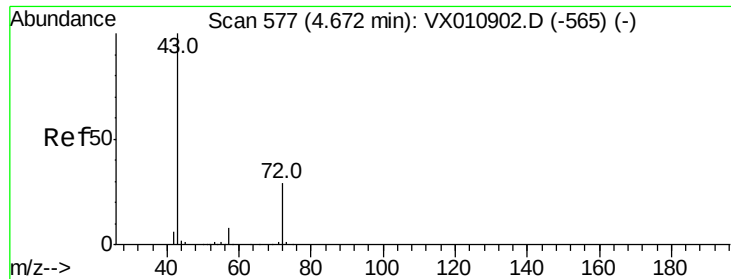
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 267.590 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 314776

Ion Ratio Lower Upper

43 100

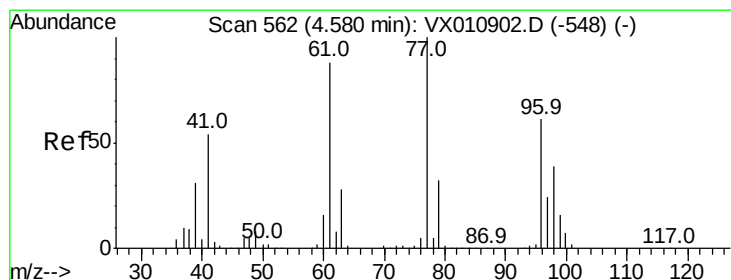
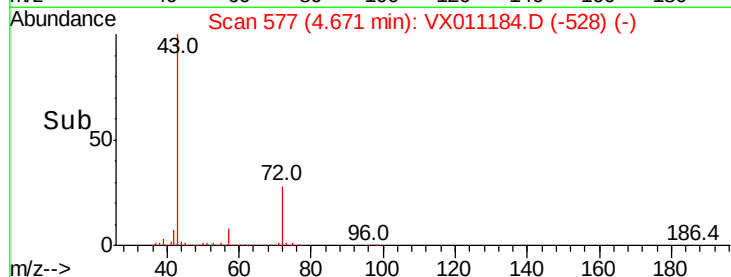
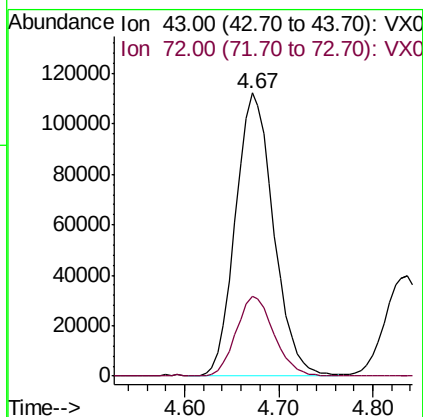
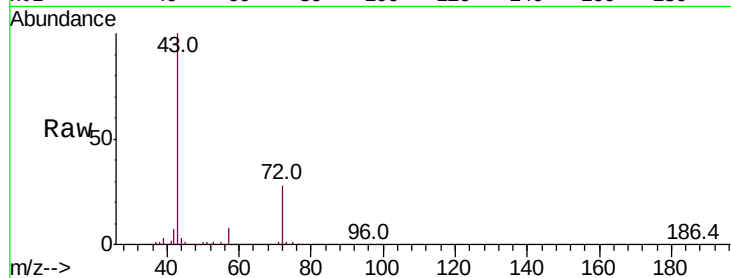
72 28.1 23.0 34.6

Manual Integrations

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7/30/2019 11:17:54 AM



#26

2,2-Dichloropropane

Concen: 30.308 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011184.D

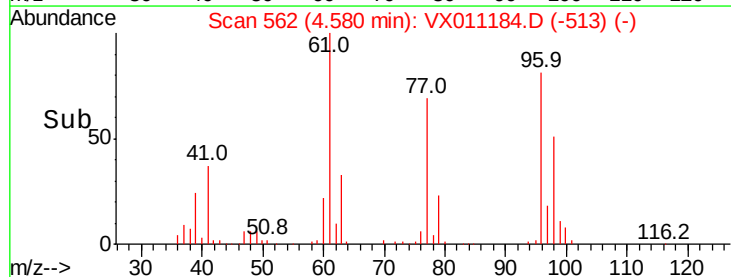
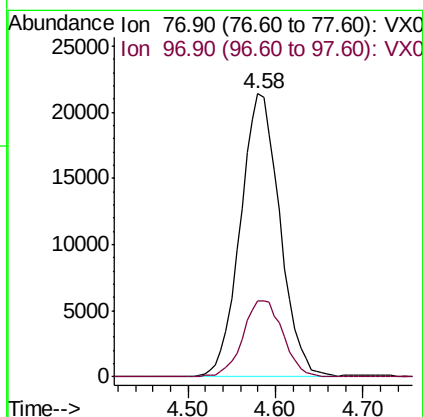
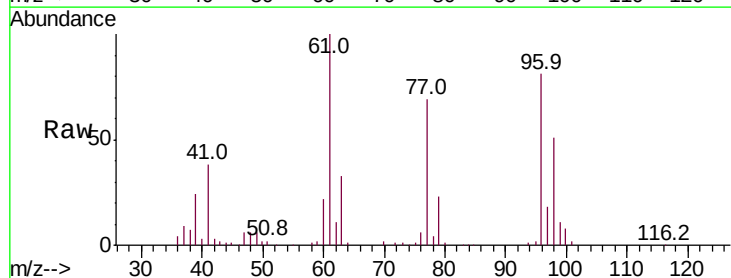
Acq: 30 Jul 2019 07:24

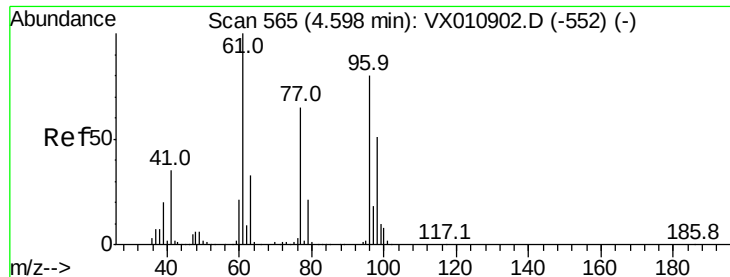
Tgt Ion: 77 Resp: 67260

Ion Ratio Lower Upper

77 100

97 27.5 12.6 37.6





#27

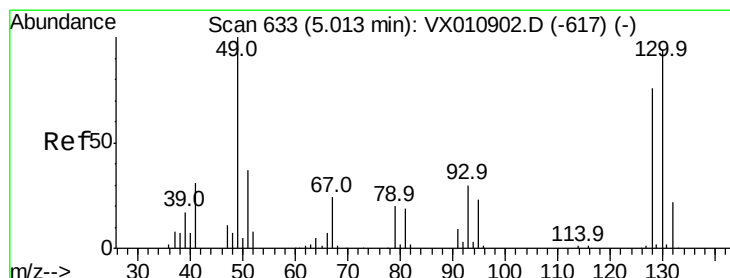
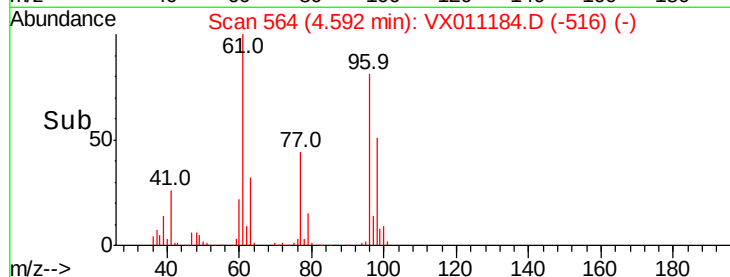
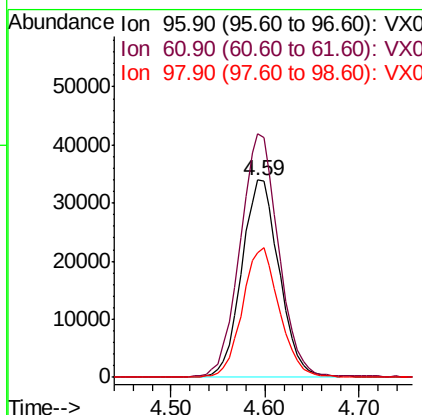
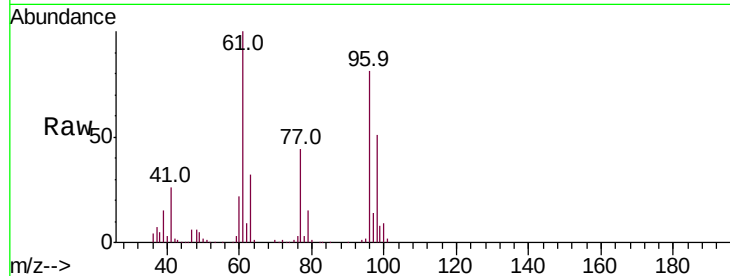
cis-1,2-Dichloroethene
 Concen: 50.714 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.0	0.0	269.0
98	65.1	0.0	131.4

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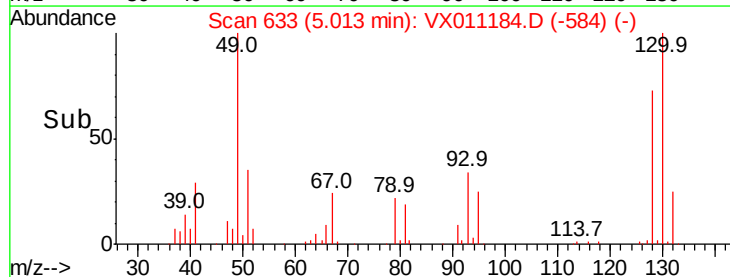
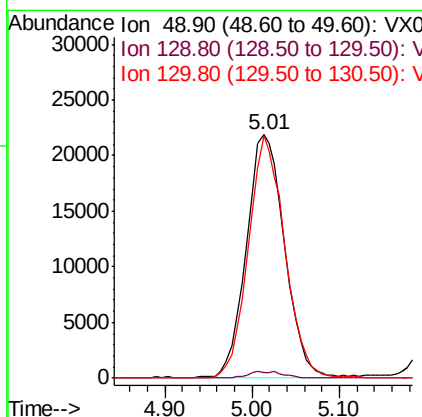
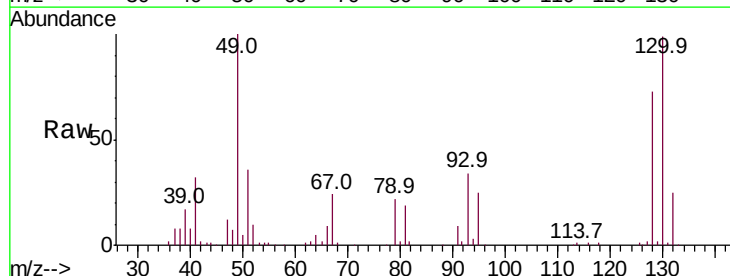
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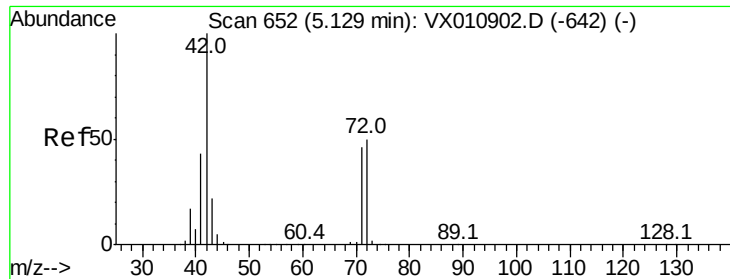


#28

Bromochloromethane
 Concen: 51.745 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	95.5	76.9	115.3





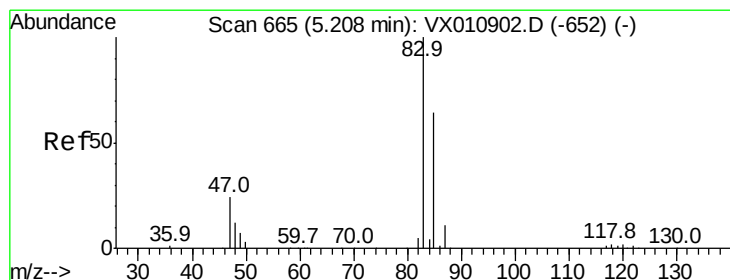
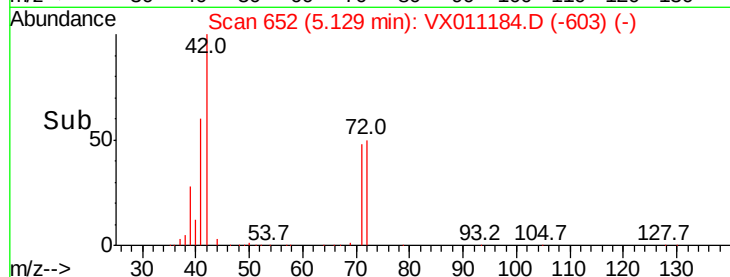
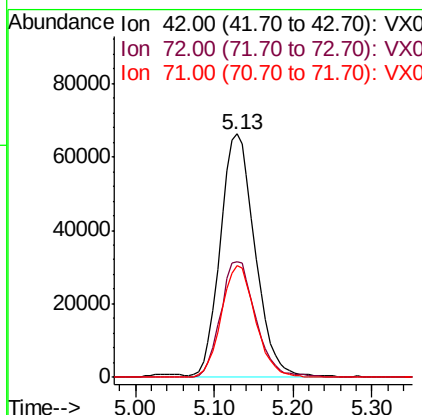
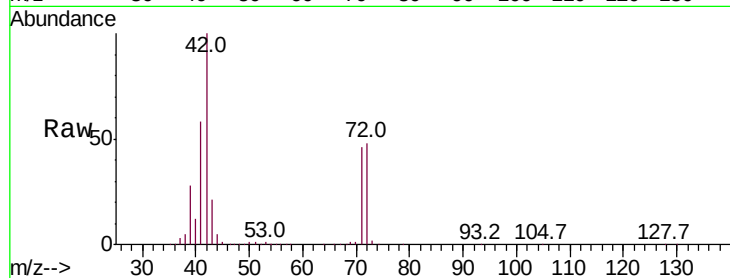
#29
Tetrahydrofuran
Concen: 271.291 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	39.8	59.8
71	45.4	37.0	55.4

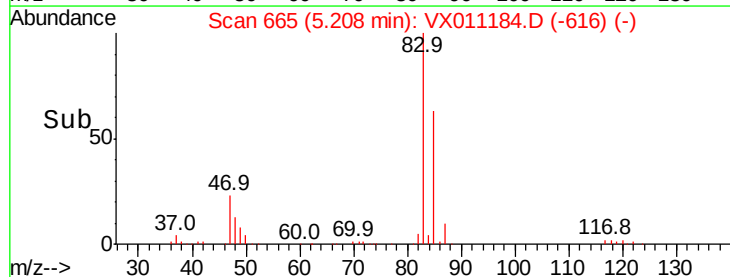
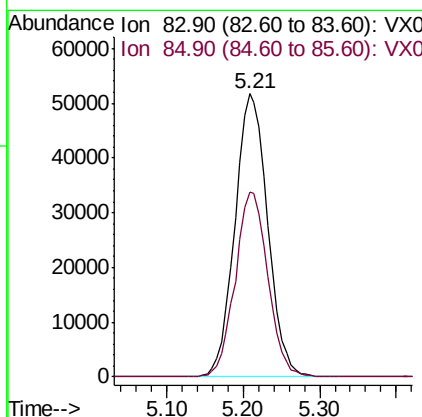
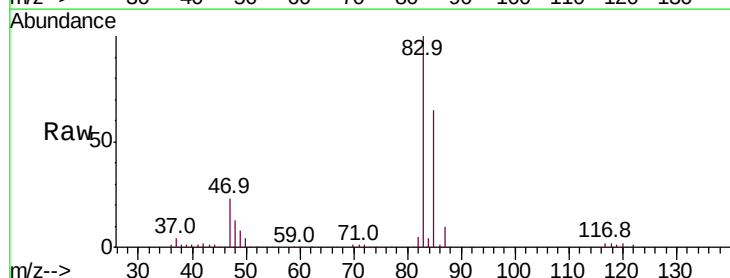
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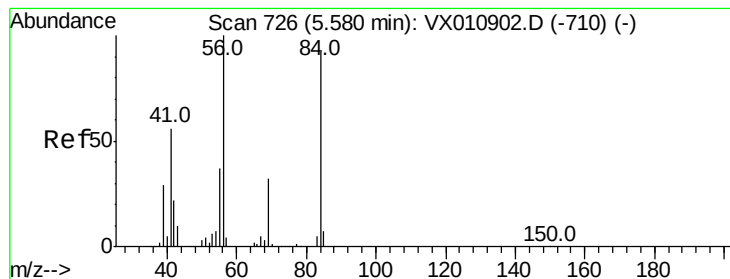
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#30
Chloroform
Concen: 52.532 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.4	77.0





#31

Cyclohexane

Concen: 45.623 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 112393

Ion Ratio Lower Upper

56 100

69 30.5 25.8 38.8

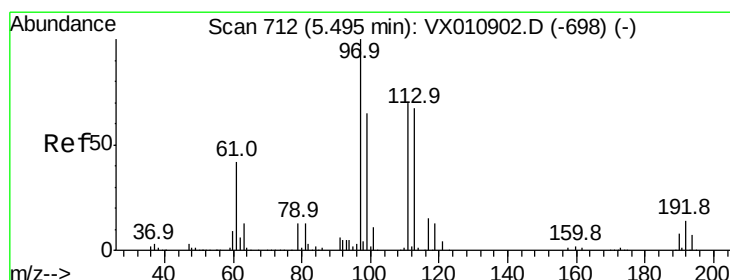
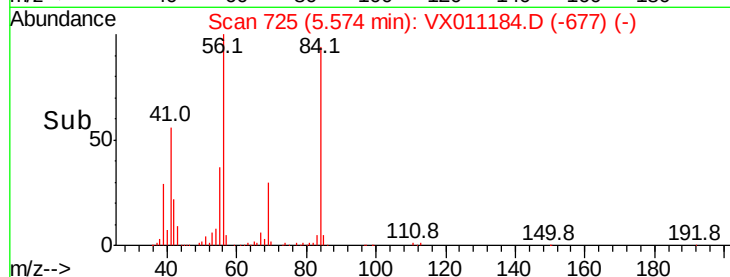
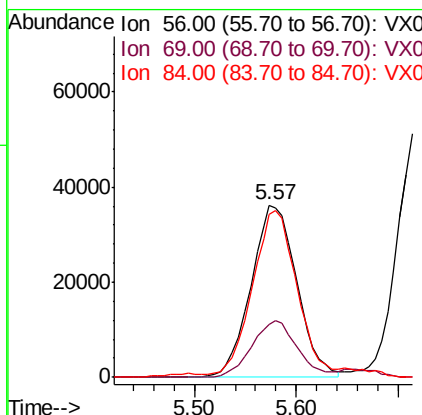
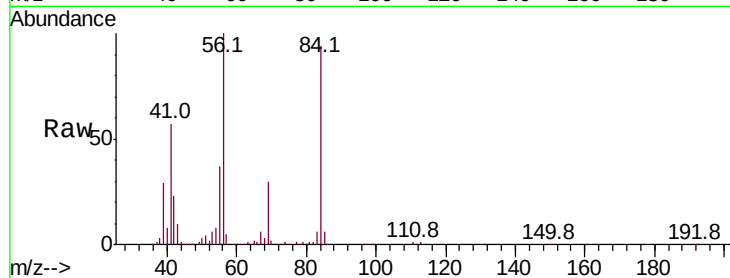
84 91.6 73.8 110.6

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#32

1,1,1-Trichloroethane

Concen: 52.275 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

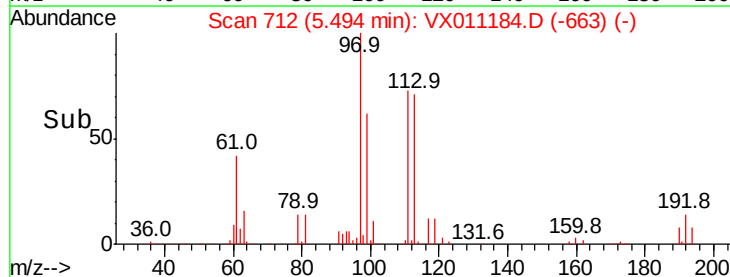
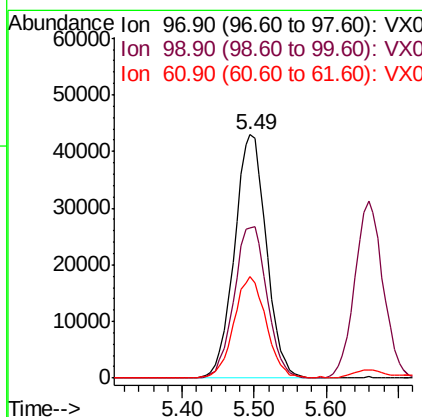
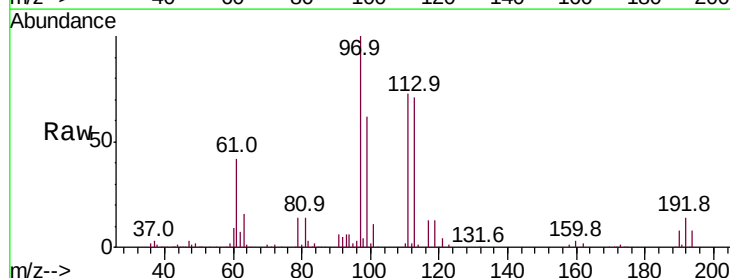
Tgt Ion: 97 Resp: 132123

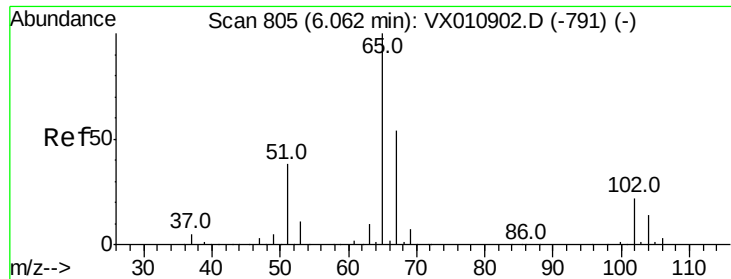
Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

61 42.0 33.0 49.6





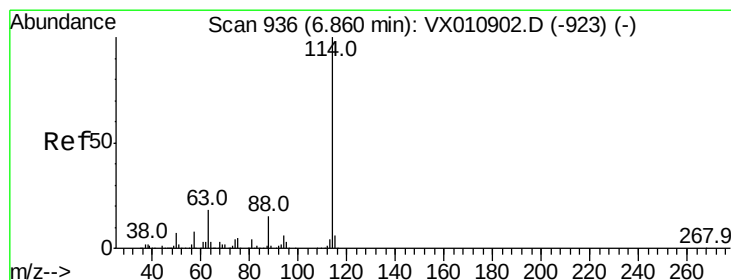
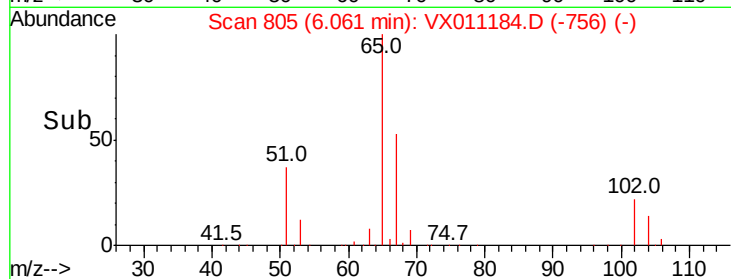
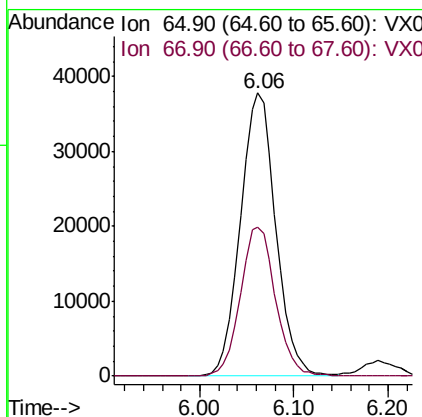
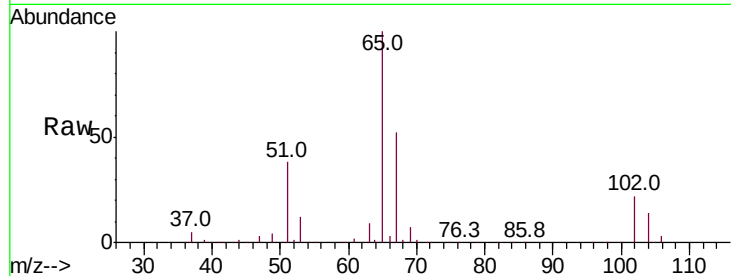
#33
 1,2-Dichloroethane-d4
 Concen: 54.820 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.8

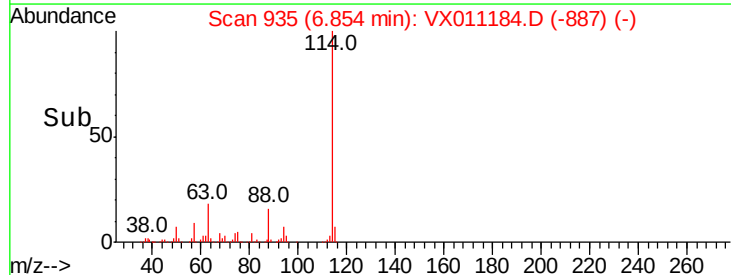
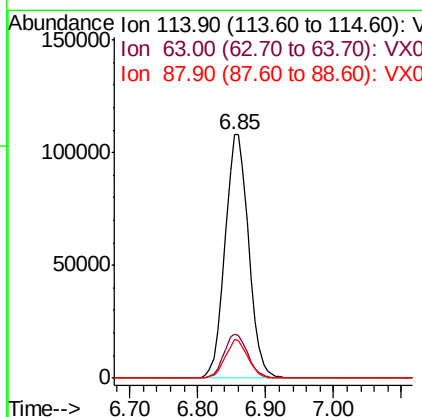
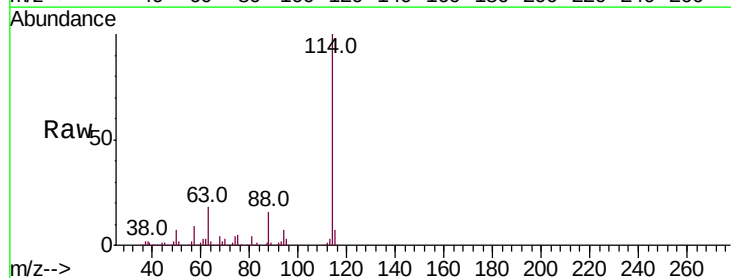
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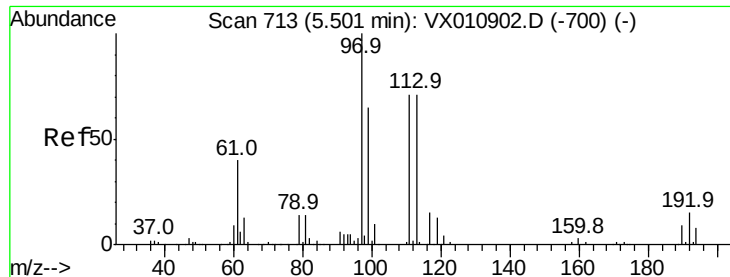
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.6
88	15.8	0.0	29.8





#35

Dibromofluoromethane

Concen: 53.925 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

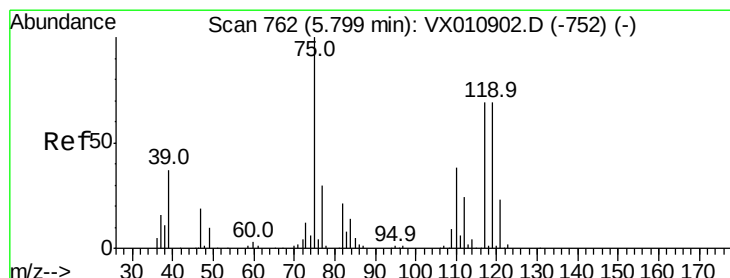
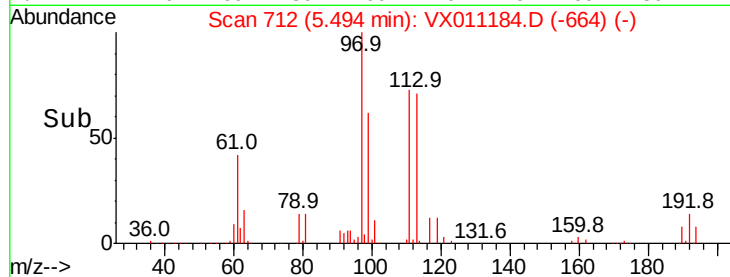
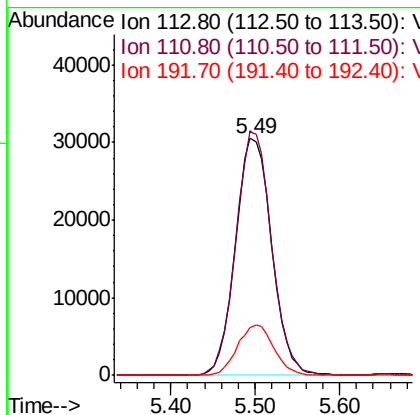
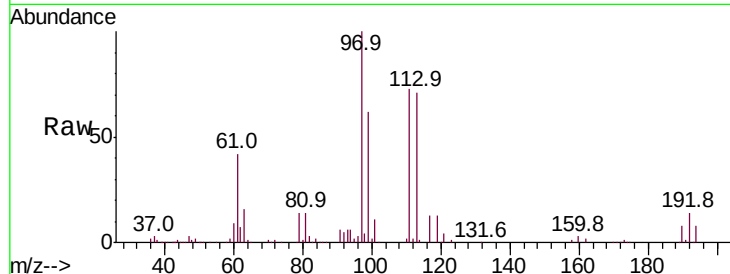
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	88719
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	21.4	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 48.715 ug/l

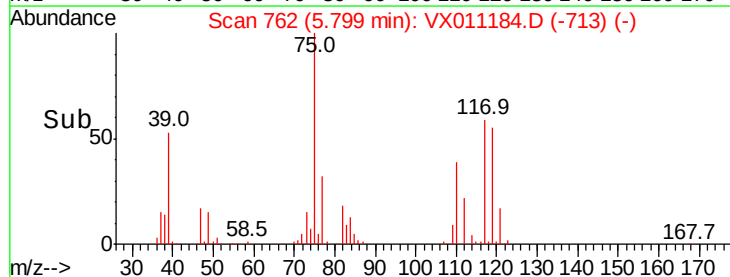
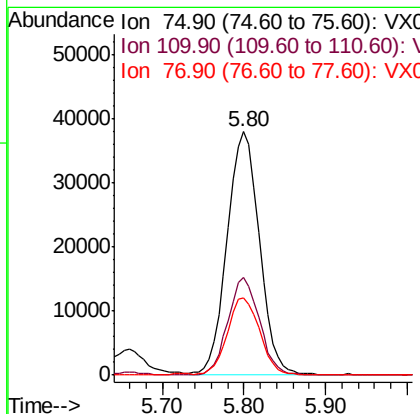
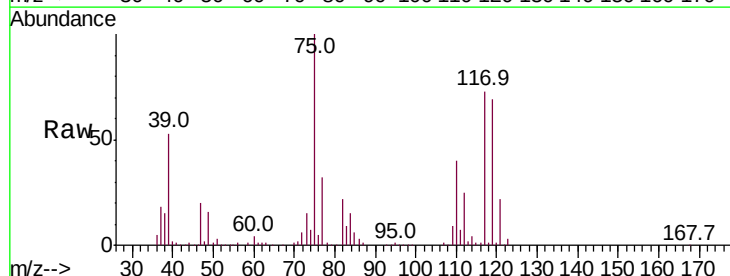
RT: 5.80 min Scan# 762

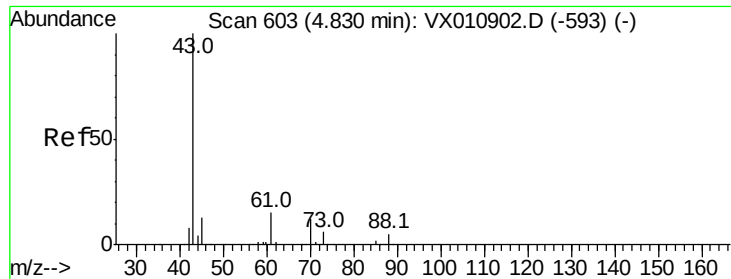
Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Tgt Ion:	75	Resp:	103721
Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.9	59.7
77	32.0	25.0	37.4





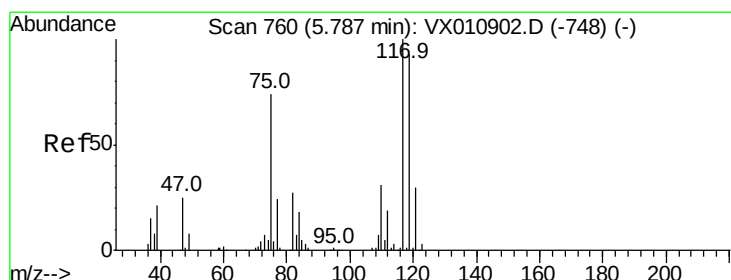
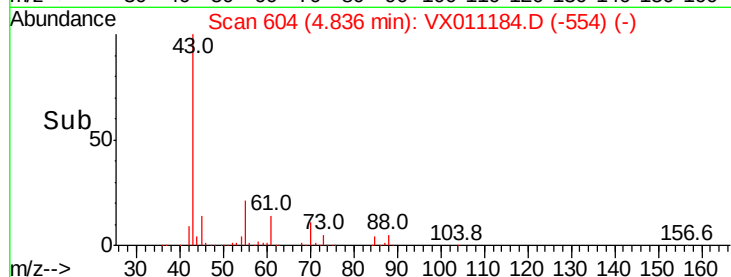
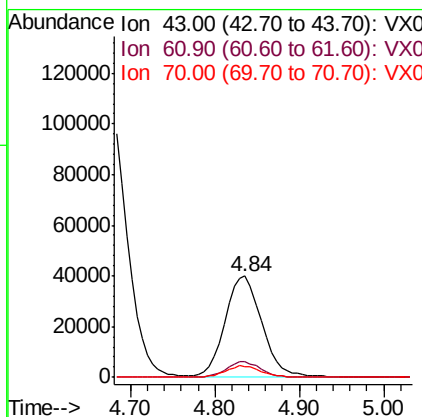
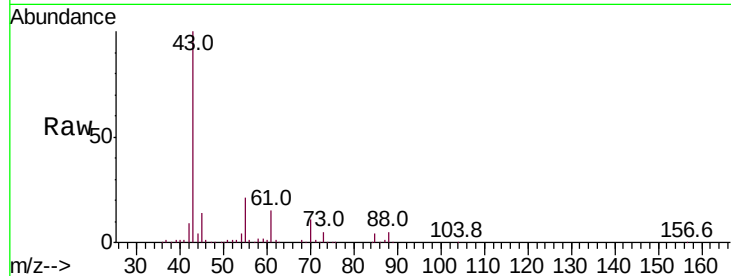
#37
Ethyl Acetate
Concen: 53.533 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.6	17.4
70	11.3	9.1	13.7

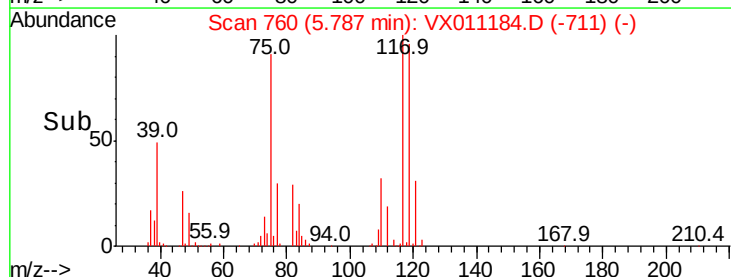
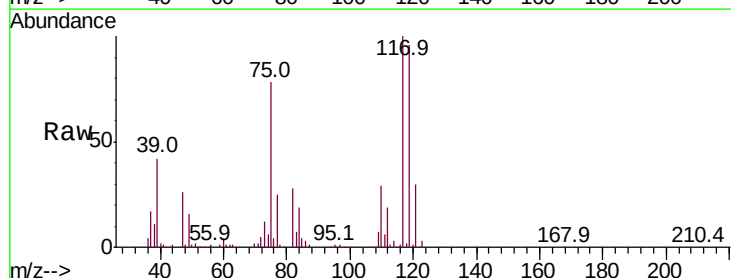
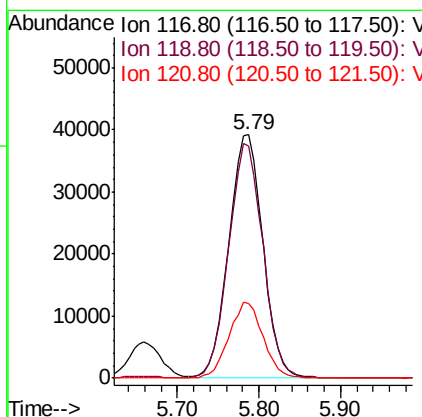
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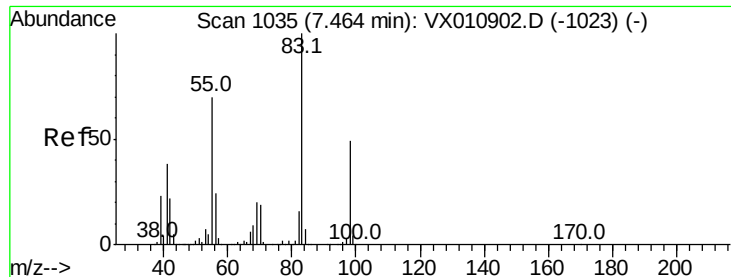
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#38
Carbon Tetrachloride
Concen: 51.262 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	74.2	111.2
121	30.4	24.2	36.2





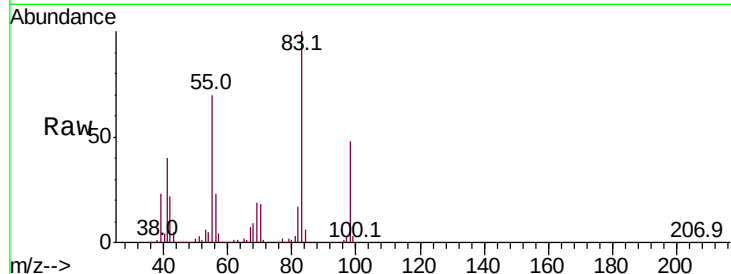
#39
Methylvlcyclohexane
Concen: 43.846 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

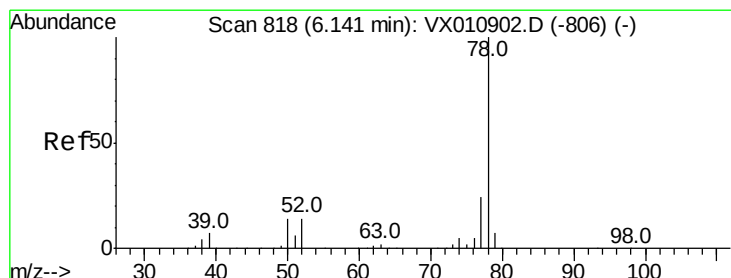
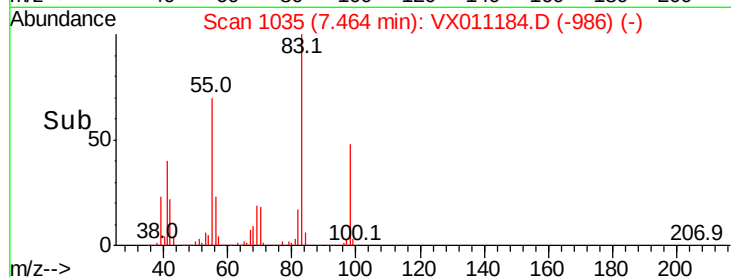
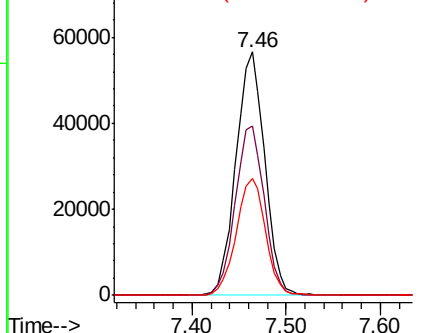
Tot Ion	83	Resp	121062
Ion Ratio	100	Lower	Upper
83	100		
55	69.8	56.2	84.4
98	48.0	39.0	58.4

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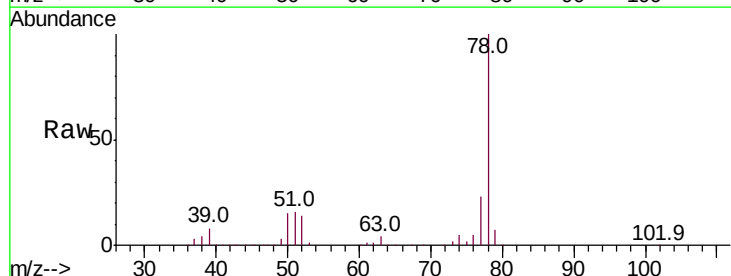


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

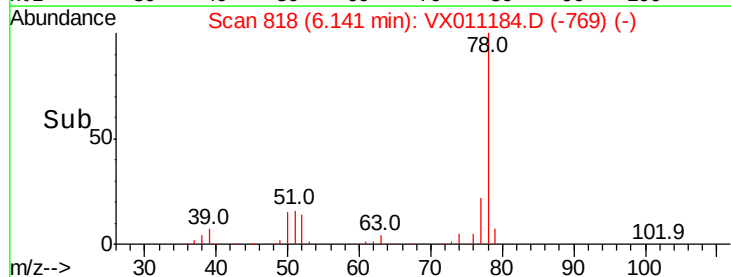
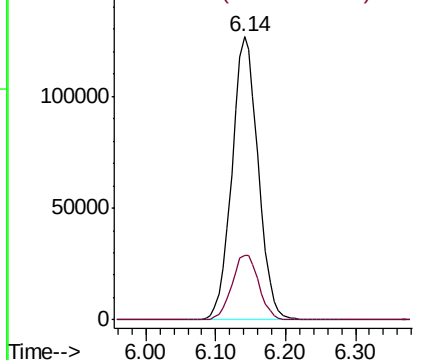


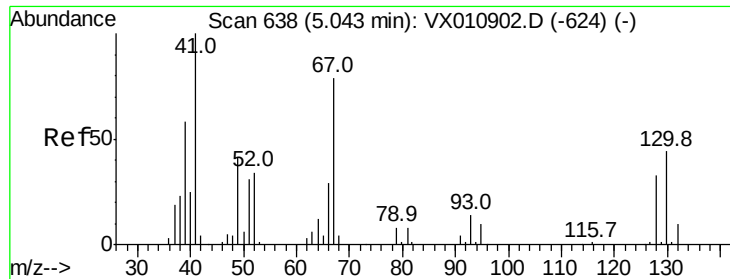
#40
Benzene
Concen: 50.394 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion	78	Resp	328672
Ion Ratio	100	Lower	Upper
78	100		
77	22.8	19.0	28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 52.530 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

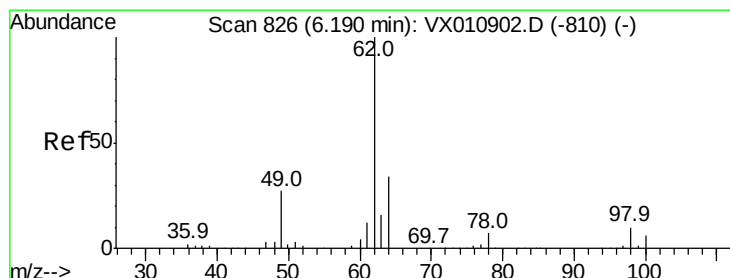
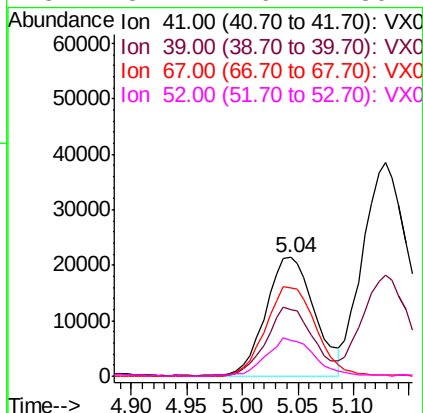
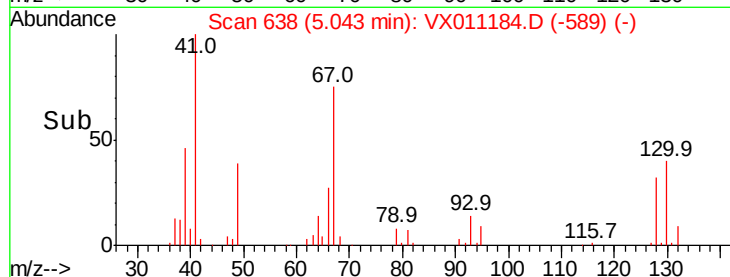
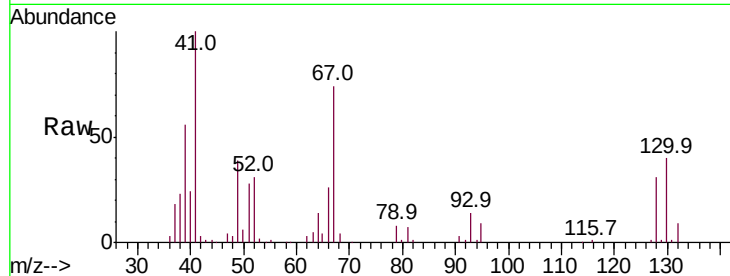
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.4	68.2
67	78.4	65.9	98.9
52	32.2	26.2	39.2

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#42

1,2-Dichloroethane

Concen: 52.313 ug/l

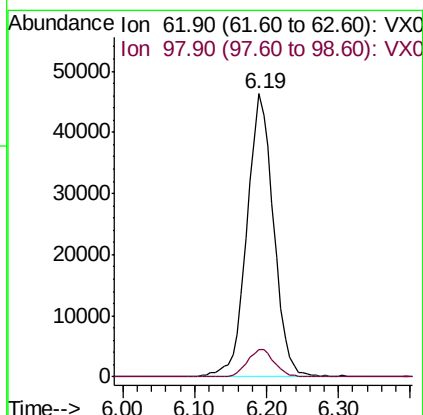
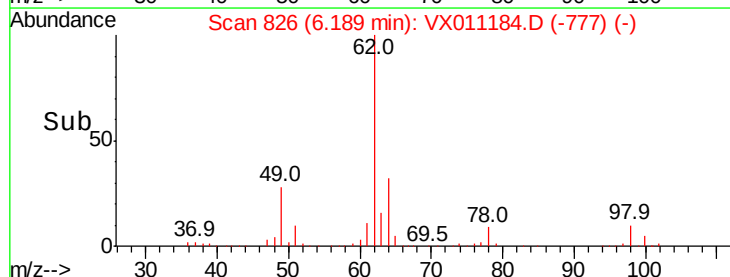
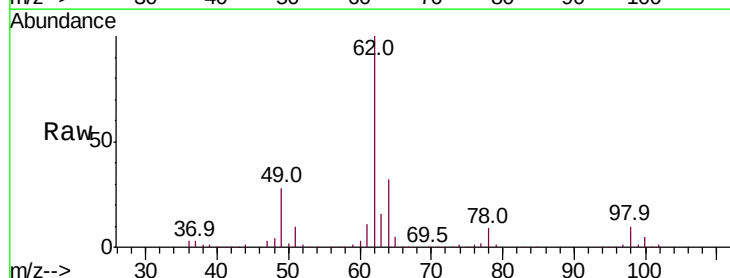
RT: 6.19 min Scan# 826

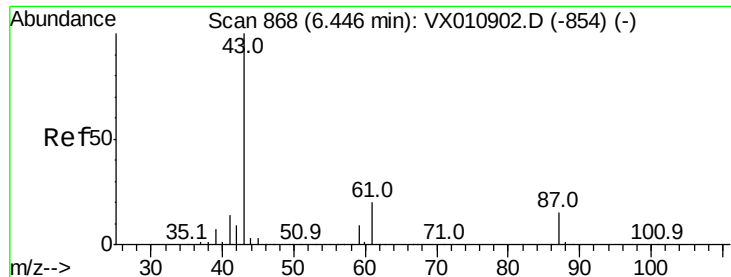
Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





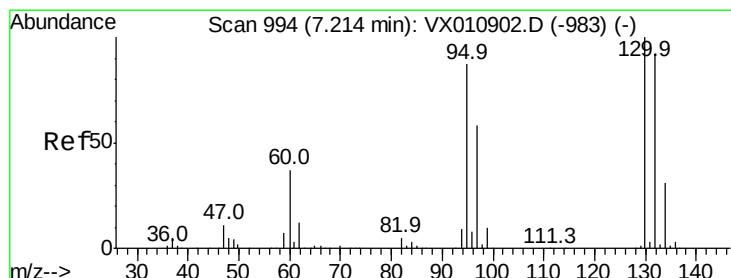
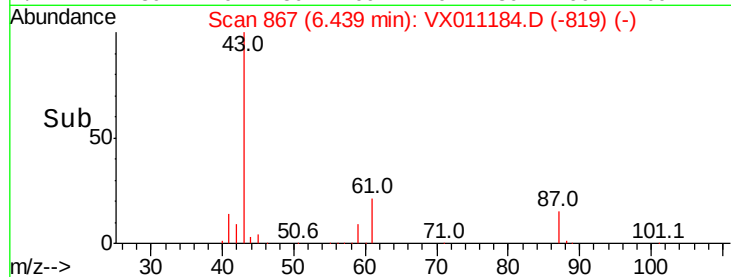
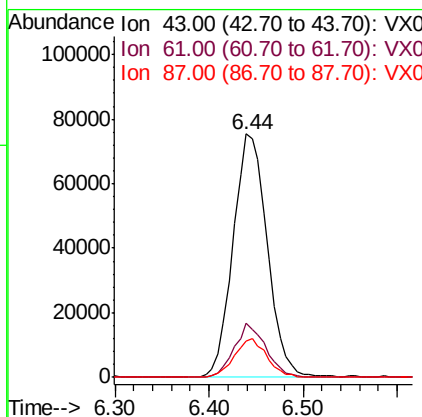
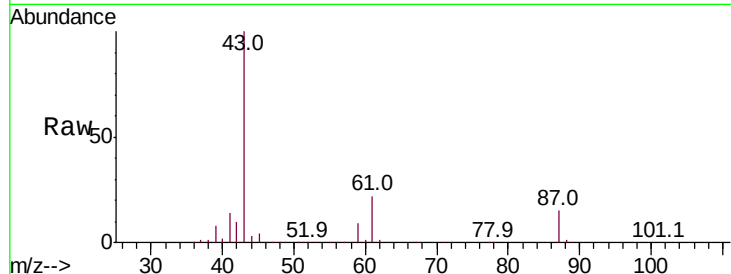
#43
Isopropyl Acetate
Concen: 53.372 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	191331
Ion	Ratio	Lower	Upper
43	100		
61	20.5	17.1	25.7
87	15.0	12.0	18.0

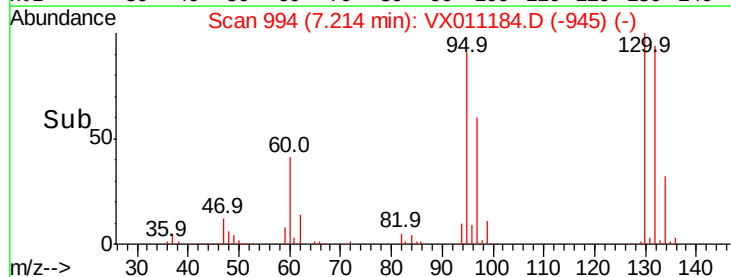
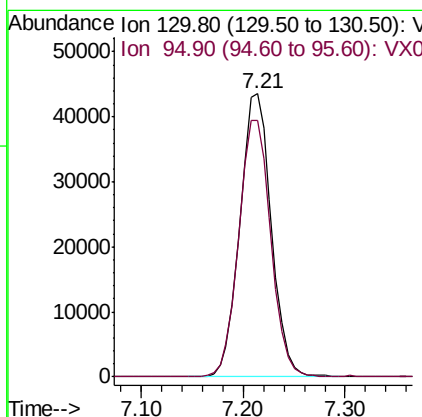
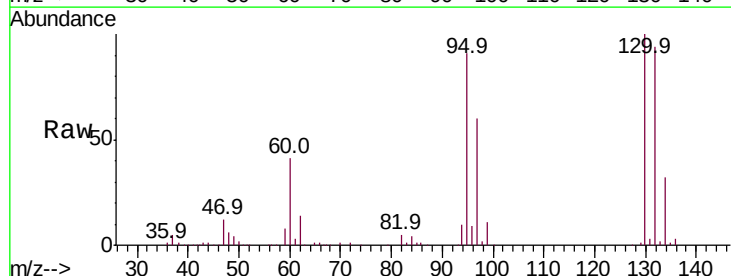
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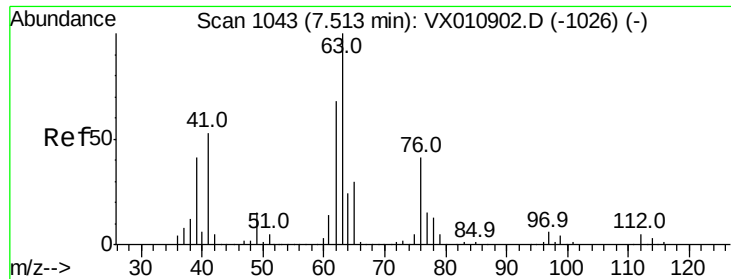
MMDadoda
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#44
Trichloroethene
Concen: 48.141 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion:	130	Resp:	92939
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	174.8





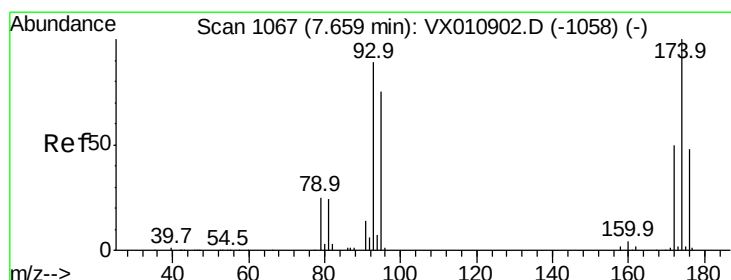
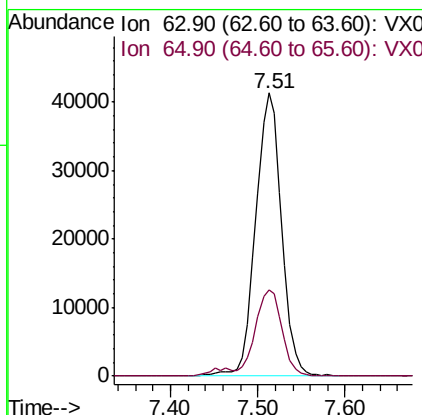
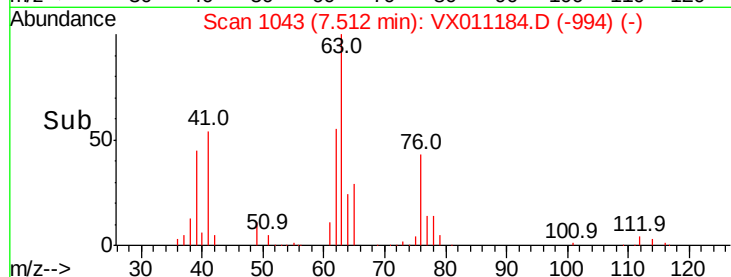
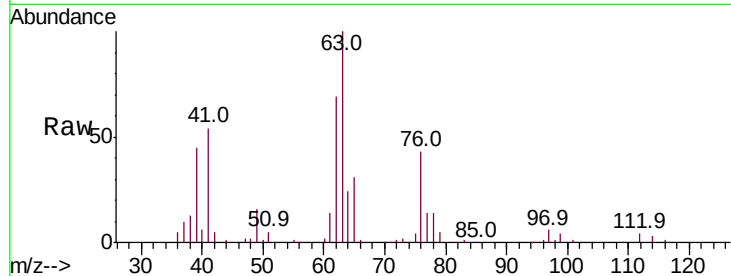
#45
 1,2-Dichloropropane
 Concen: 51.132 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.4	36.6

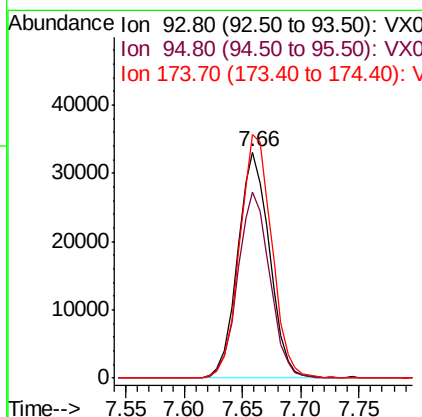
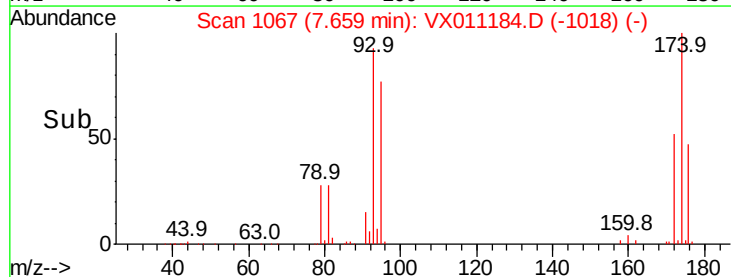
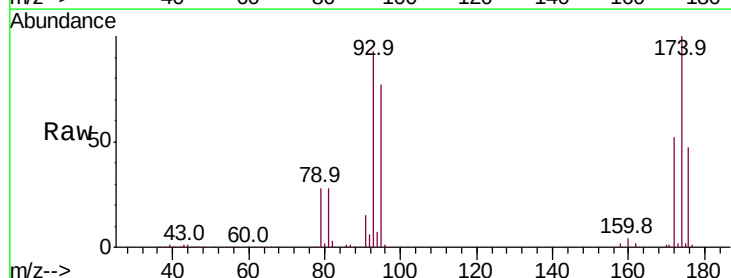
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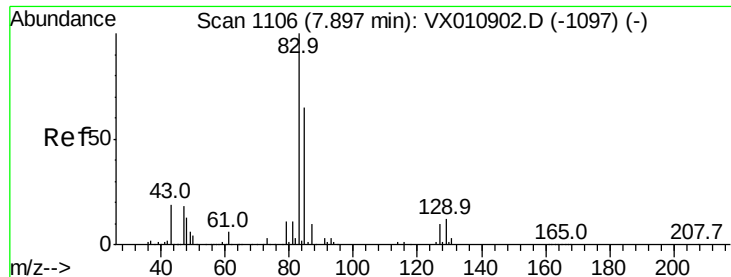
MMDadoda
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#46
 Dibromomethane
 Concen: 53.152 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.2	100.8
174	109.3	90.6	135.8





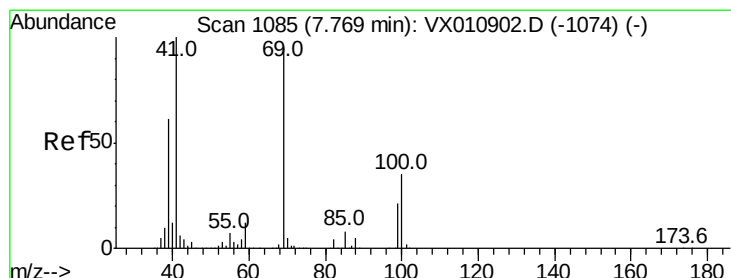
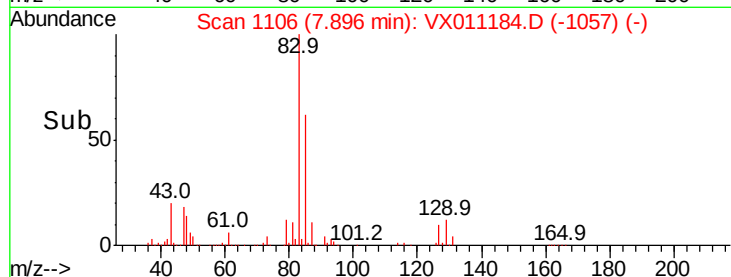
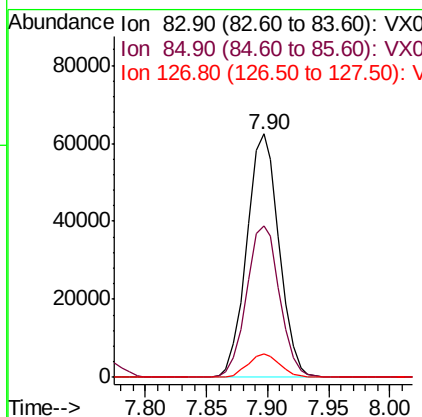
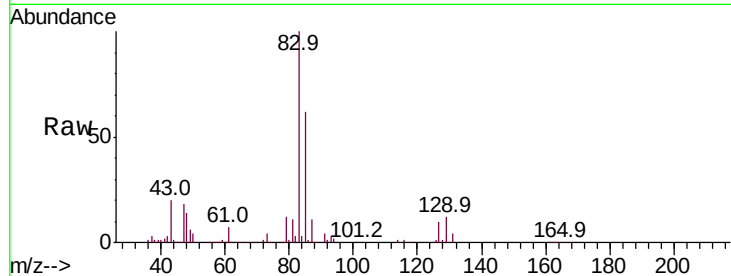
#47
 Bromodichloromethane
 Concen: 54.389 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	114842
Ion Ratio	100	Lower	Upper
83	100		
85	62.4	52.5	78.7
127	9.6	7.8	11.8

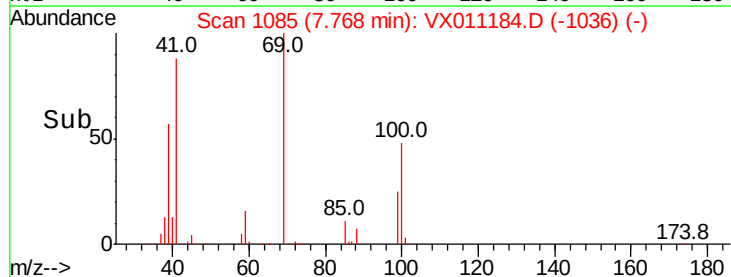
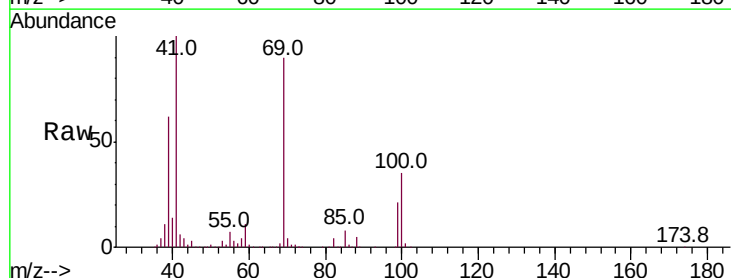
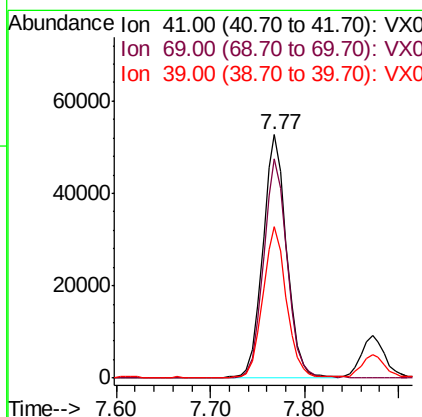
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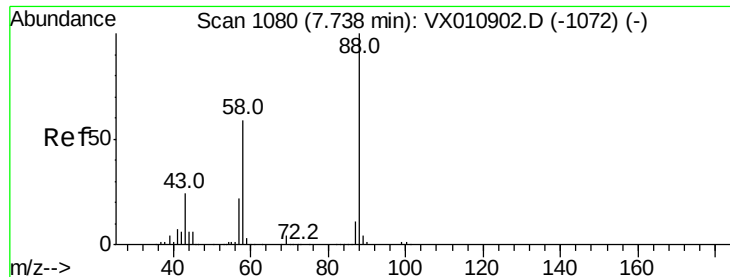
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 7/30/2019 11:17:54 AM



#48
 Methyl methacrylate
 Concen: 53.739 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion	41	Resp	93848
Ion Ratio	100	Lower	Upper
41	100		
69	89.7	74.4	111.6
39	60.8	48.9	73.3





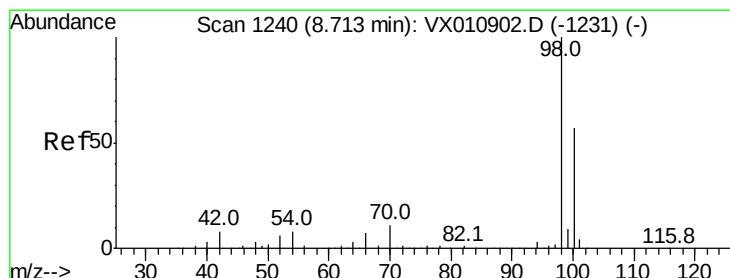
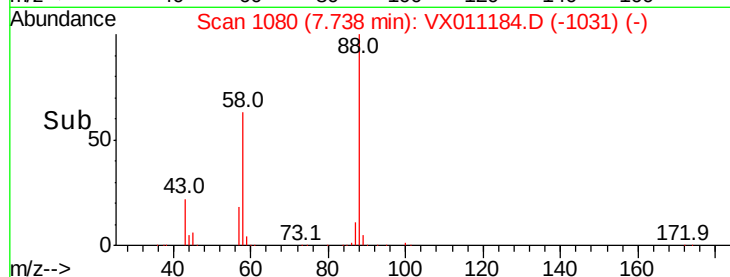
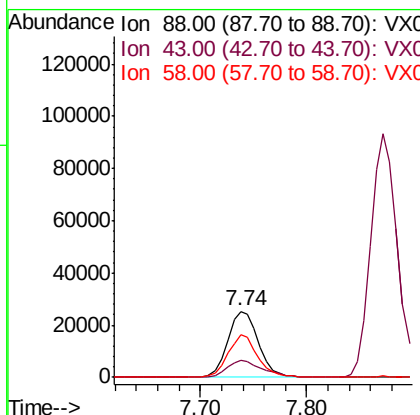
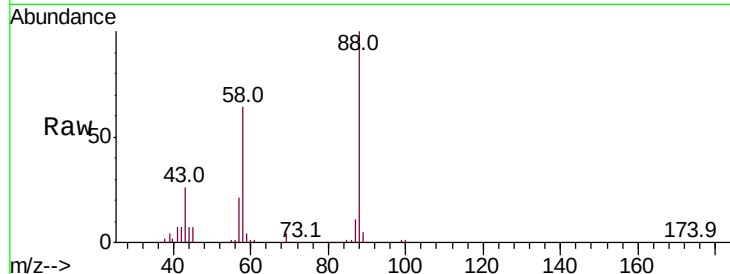
#49
1,4-Dioxane
Concen: 1050.884 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.9	34.3
58	63.0	49.8	74.8

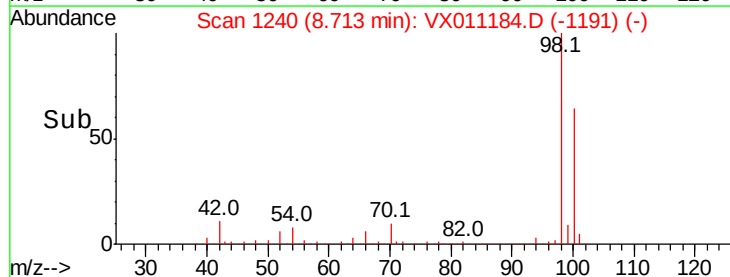
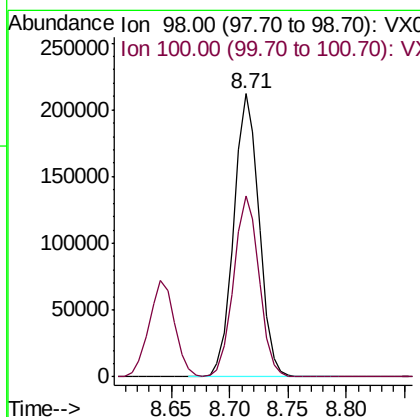
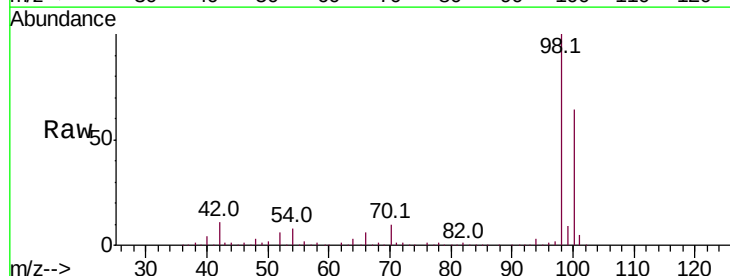
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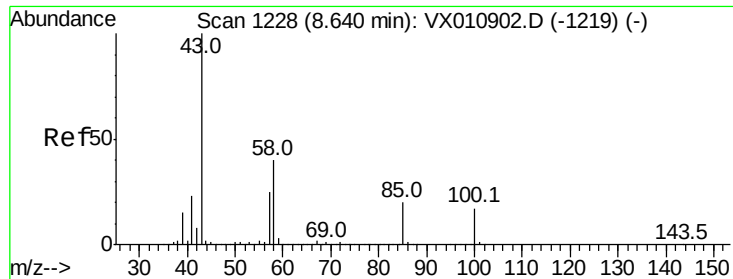
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#50
Toluene-d8
Concen: 52.195 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 283.011 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 657677

Ion Ratio Lower Upper

43 100

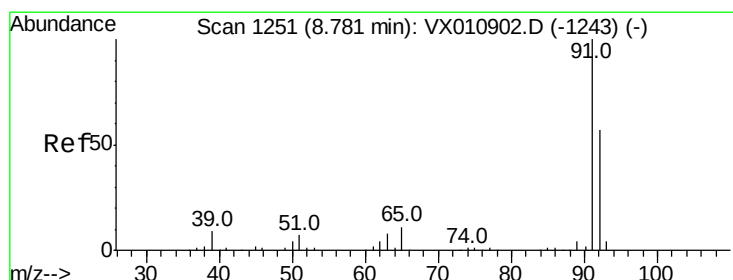
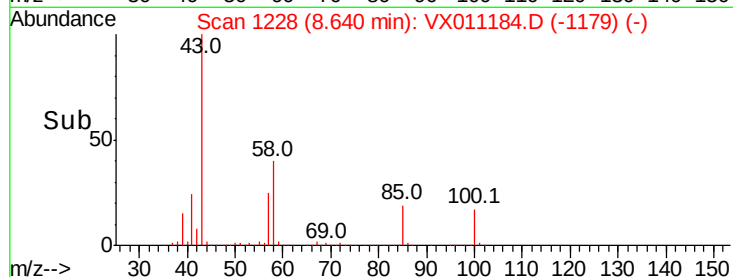
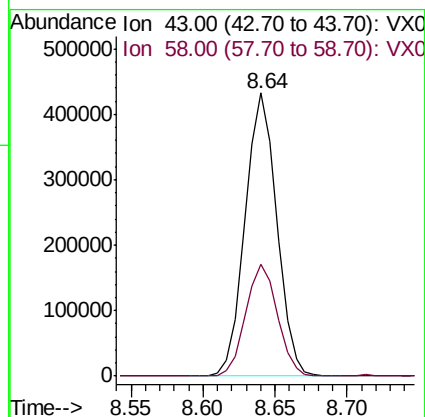
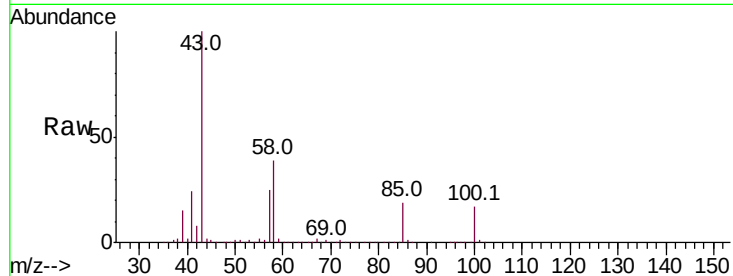
58 39.6 32.2 48.4

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#52

Toluene

Concen: 50.709 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011184.D

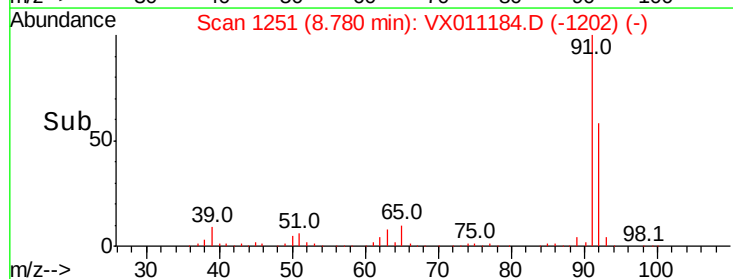
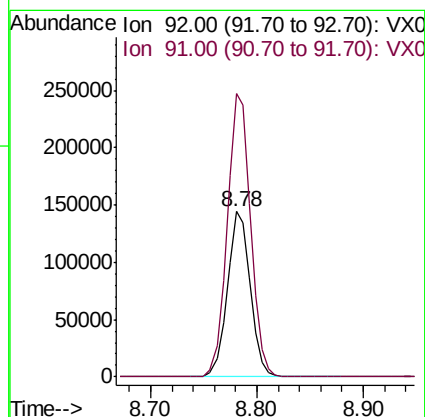
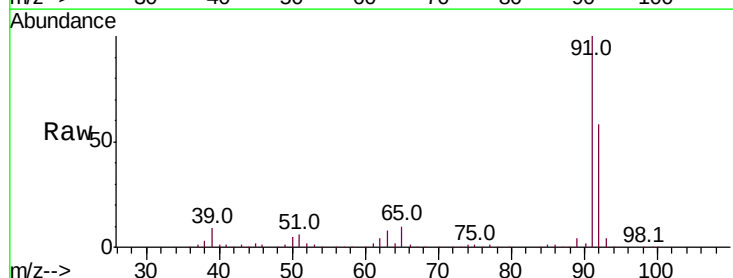
Acq: 30 Jul 2019 07:24

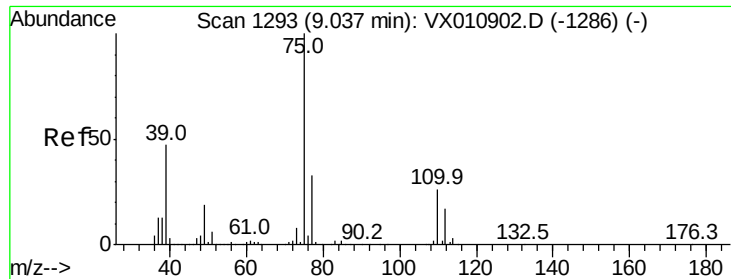
Tgt Ion: 92 Resp: 217265

Ion Ratio Lower Upper

92 100

91 174.6 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 49.934 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Tot Ion: 75 Resp: 113368

Ion Ratio Lower Upper

75 100

77 30.6 26.2 39.2

Instrument :

MSVOA_X

ClientSampleId :

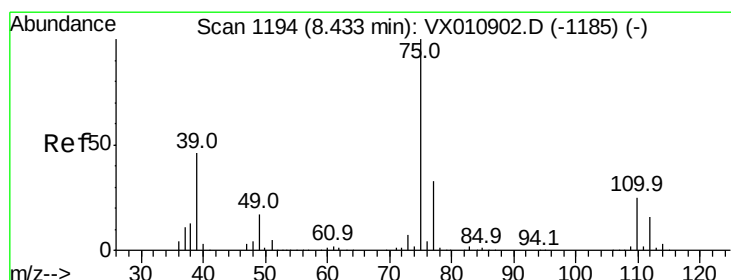
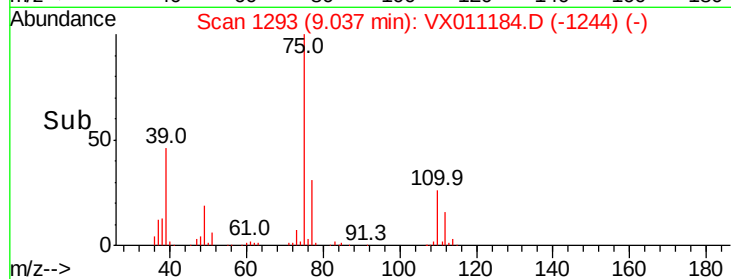
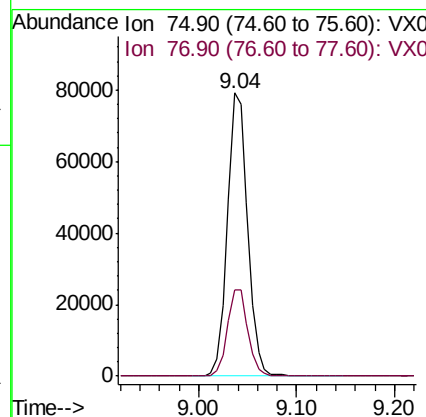
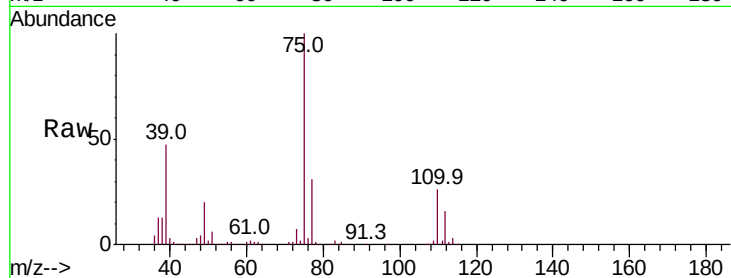
VSTDCCC050EC

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#54

cis-1,3-Dichloropropene

Concen: 49.051 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

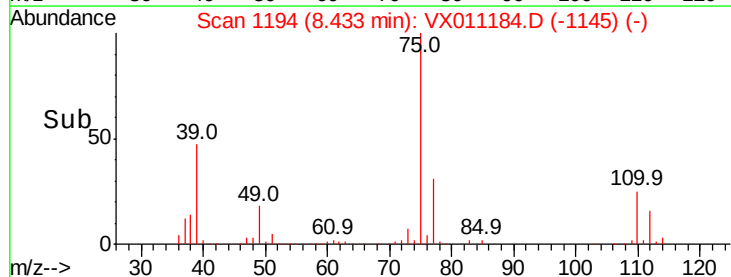
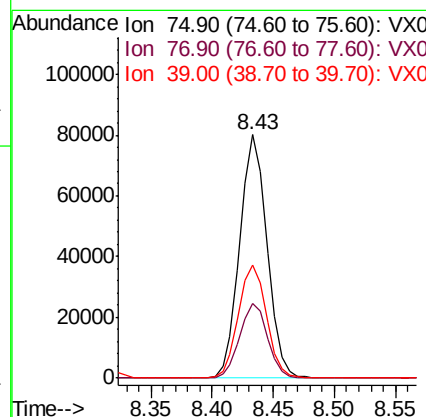
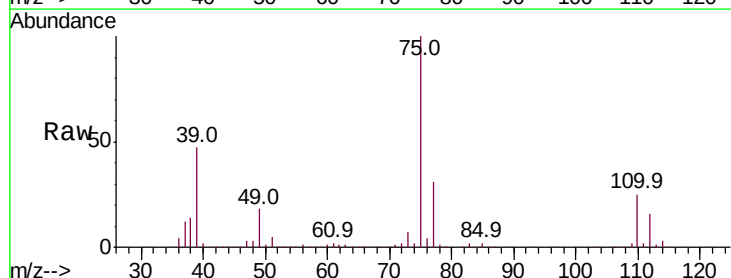
Tgt Ion: 75 Resp: 123918

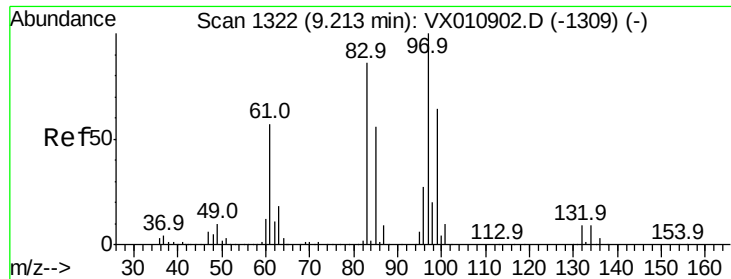
Ion Ratio Lower Upper

75 100

77 30.8 26.1 39.1

39 46.5 36.6 54.8





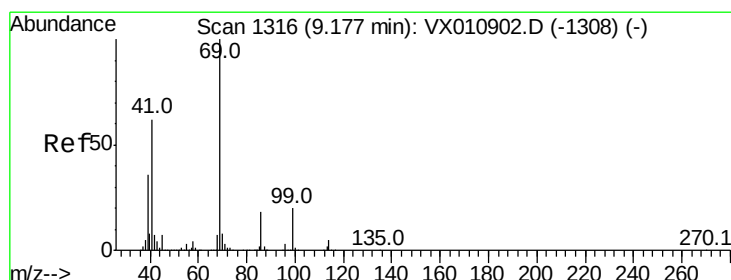
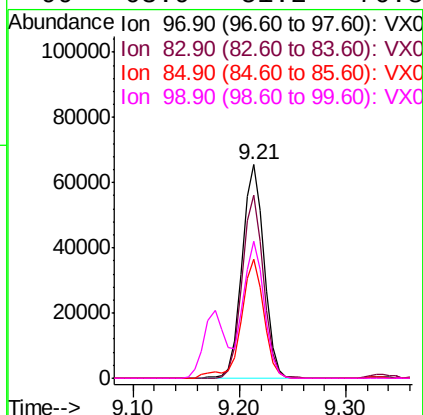
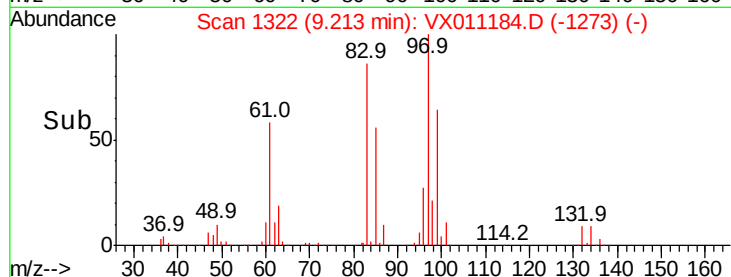
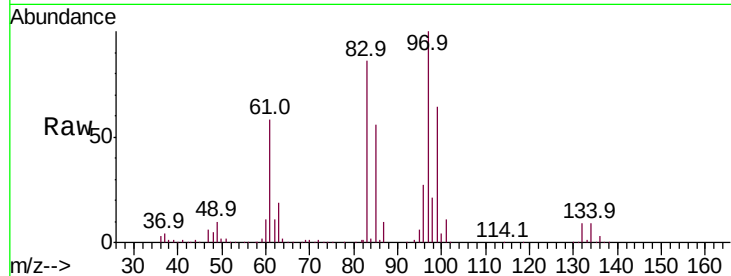
#55
 1,1,2-Trichloroethane
 Concen: 54.036 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		95326		
83	85.5	69.2	103.8		
85	55.6	44.6	66.8		
99	63.9	51.2	76.8		

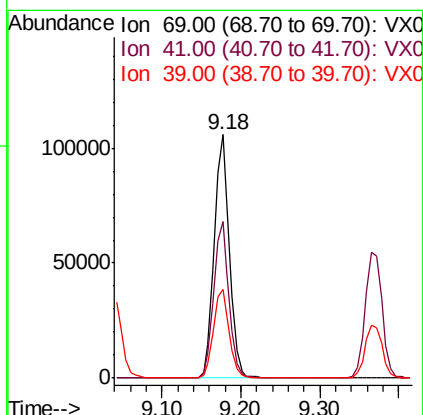
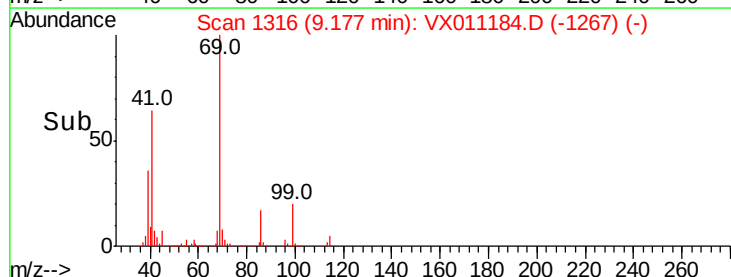
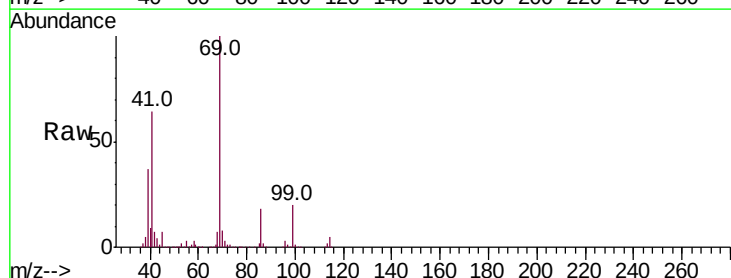
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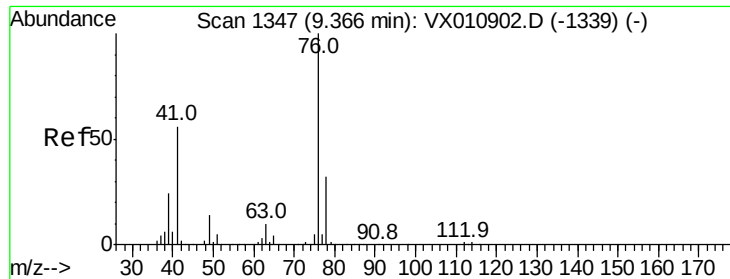
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#56
 Ethyl methacrylate
 Concen: 55.397 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		142951		
41	63.7	49.7	74.5		
39	37.4	29.6	44.4		





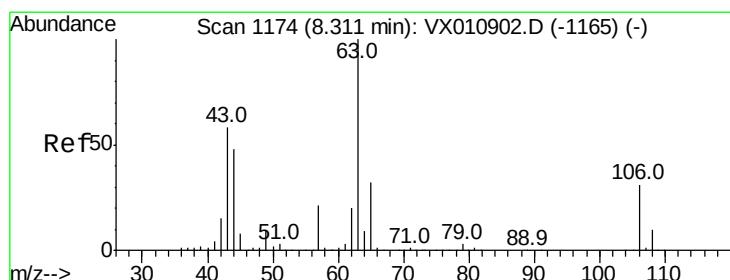
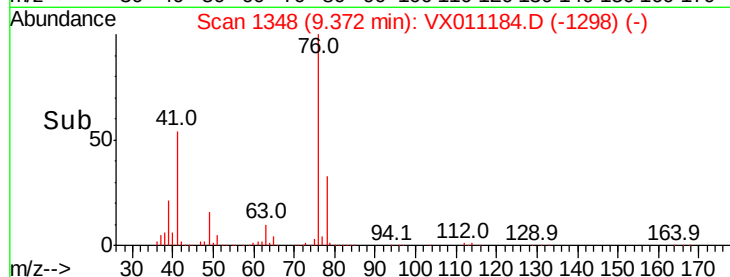
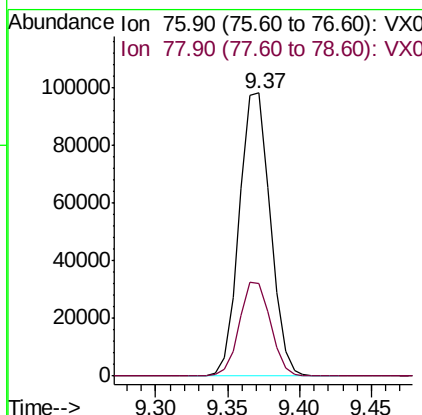
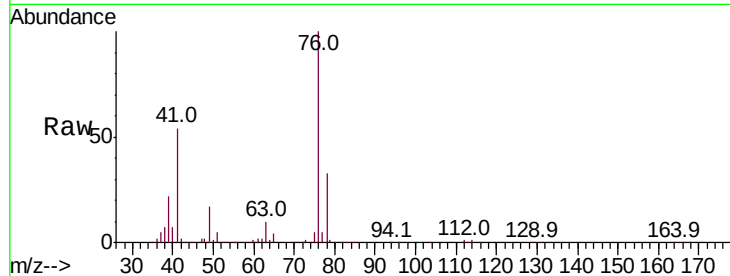
#57
 1,3-Dichloropropane
 Concen: 52.620 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 147261
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.6 38.4

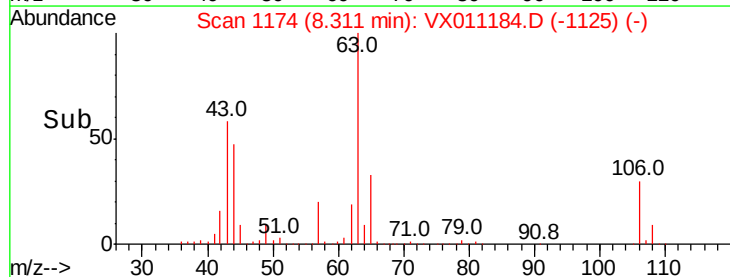
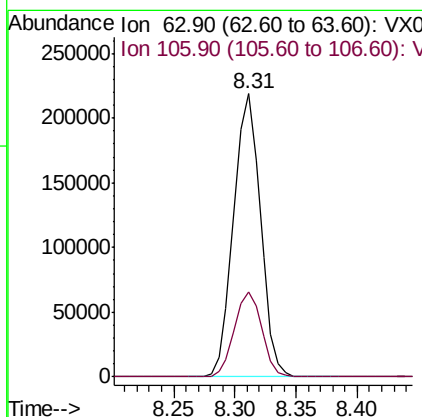
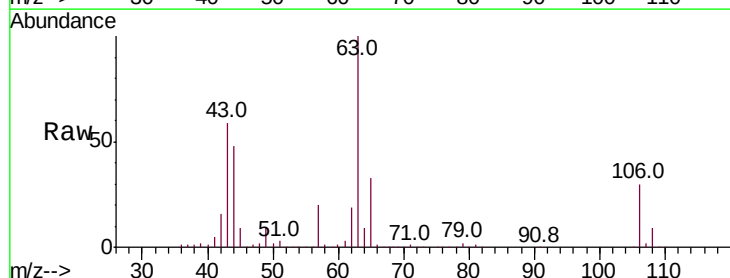
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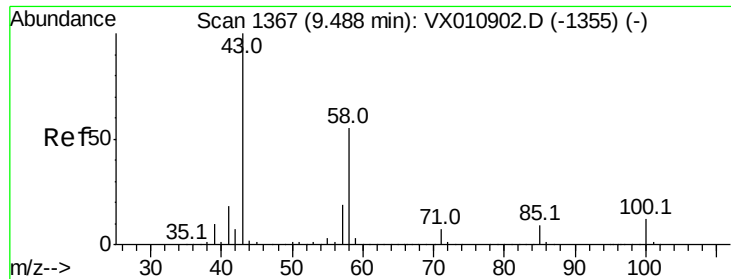
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#58
 2-Chloroethyl Vinyl ether
 Concen: 270.835 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion: 63 Resp: 333623
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.0 36.0





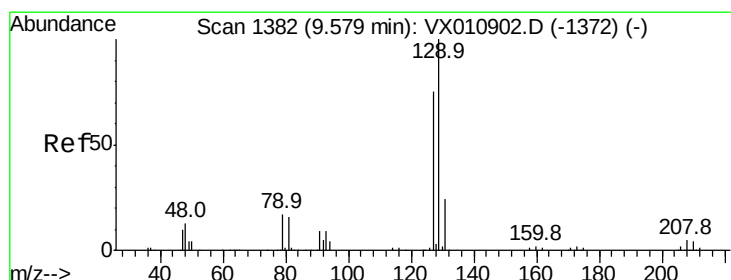
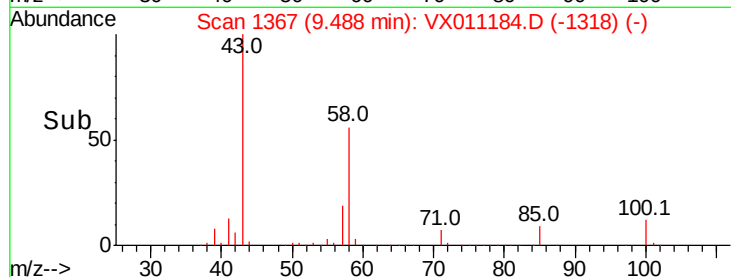
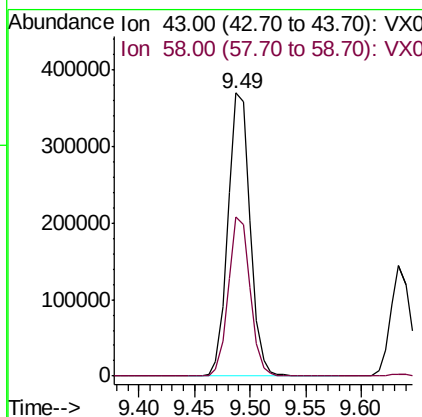
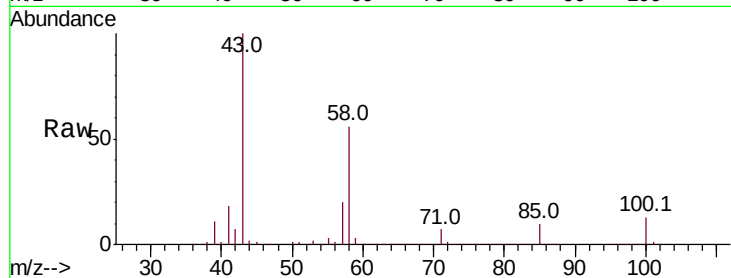
#59
2-Hexanone
Concen: 282.042 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 508359
Ion Ratio Lower Upper
43 100
58 55.5 28.0 83.9

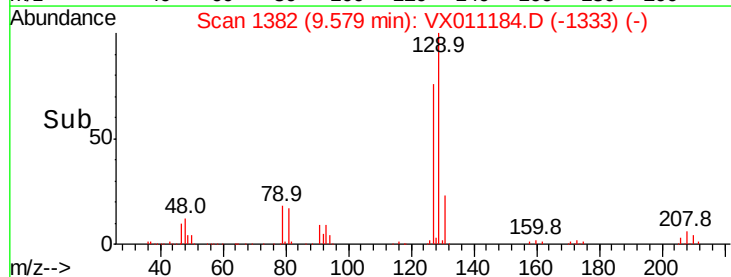
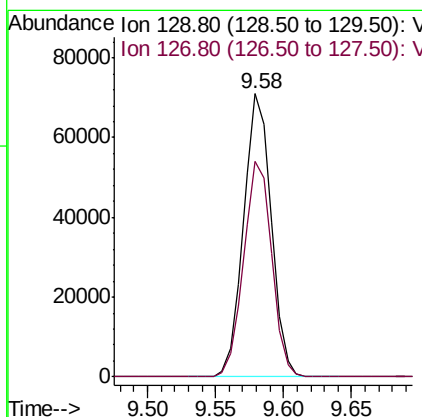
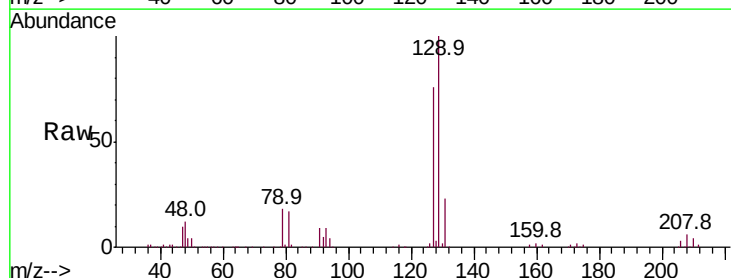
Manual Integrations
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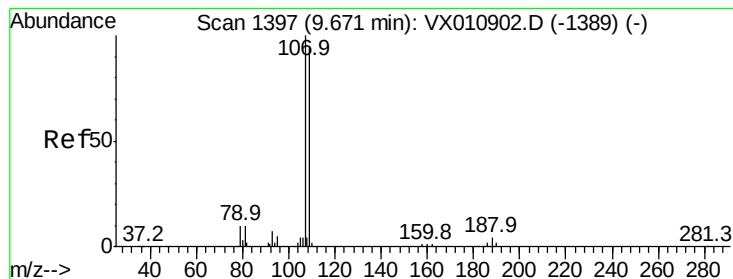
MMDadoda
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#60
Dibromochloromethane
Concen: 49.898 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 129 Resp: 101296
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.300 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 99788

Ion Ratio Lower Upper

107 100

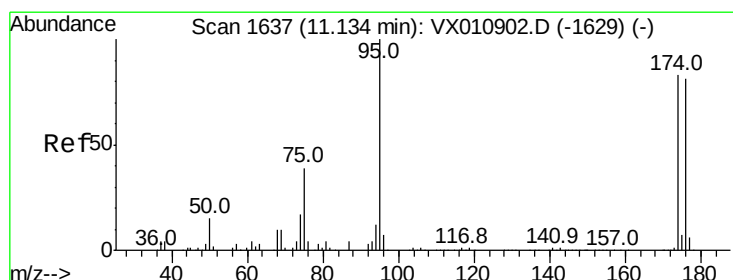
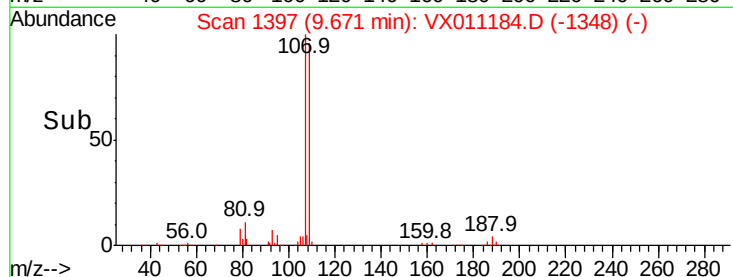
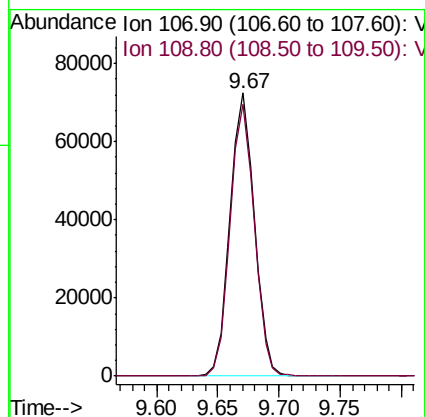
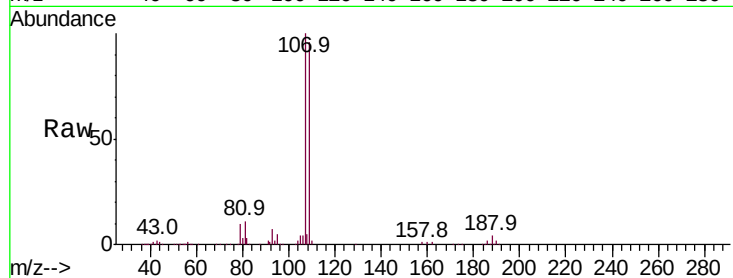
109 95.6 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 54.581 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

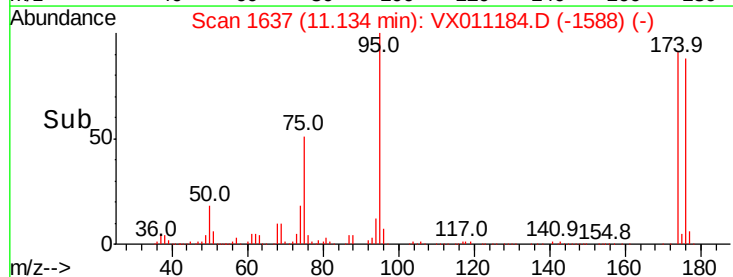
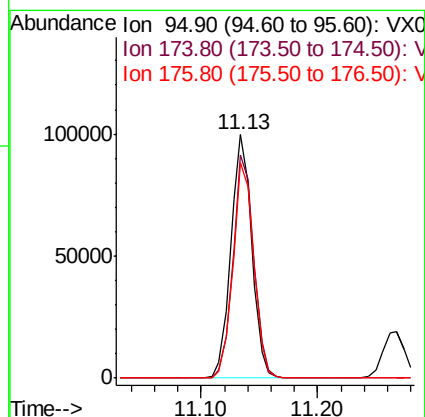
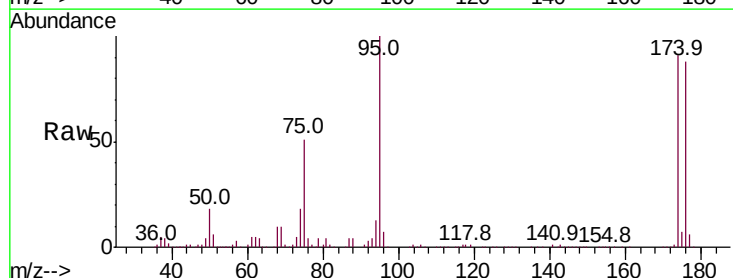
Tgt Ion: 95 Resp: 123798

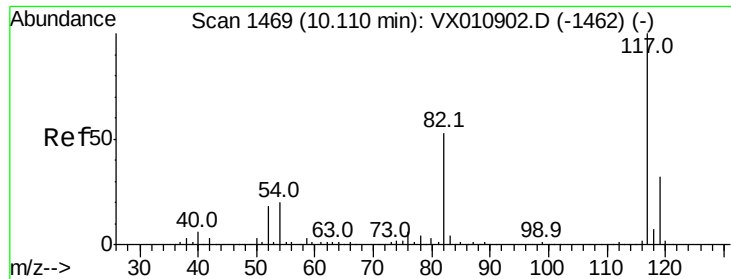
Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.6

176 88.5 0.0 173.8





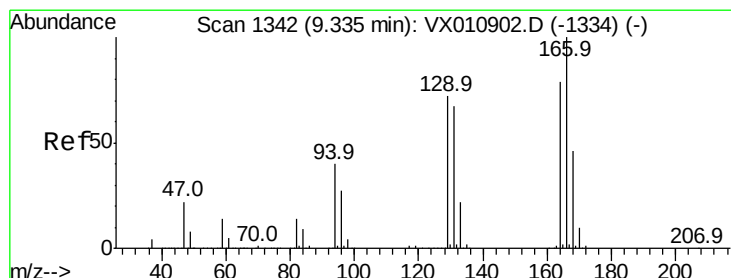
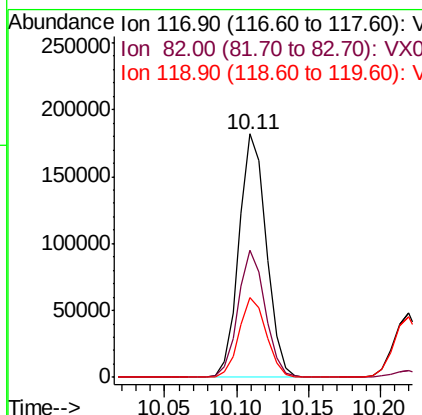
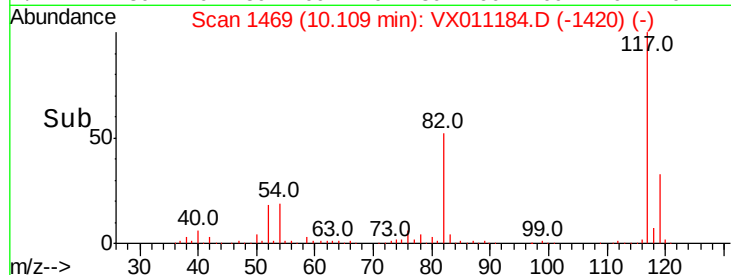
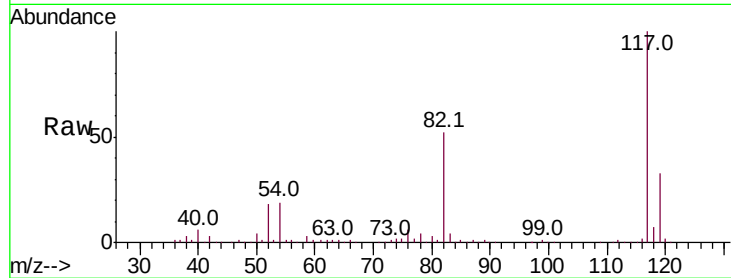
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	63.8
119	32.6	25.9	38.9

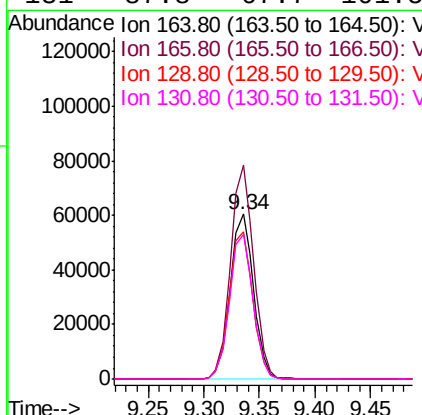
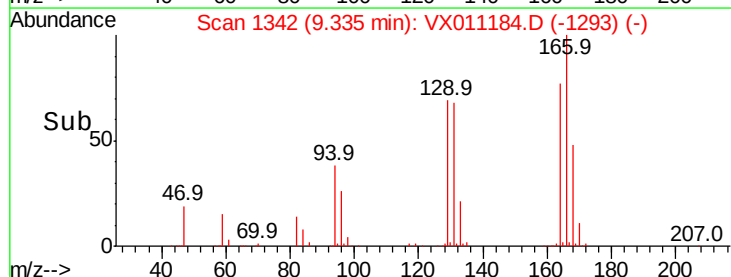
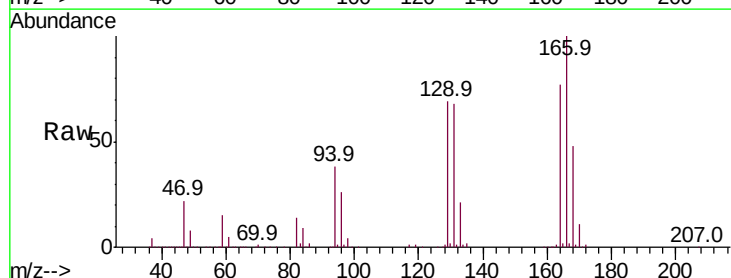
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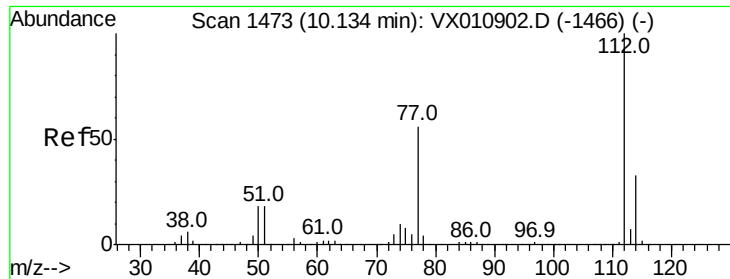
MMDadoda
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#64
Tetrachloroethene
Concen: 46.328 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.8	151.2
129	89.5	72.6	109.0
131	87.8	67.7	101.5





#65

Chlorobenzene

Concen: 49.904 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 246797

Ion Ratio Lower Upper

112 100

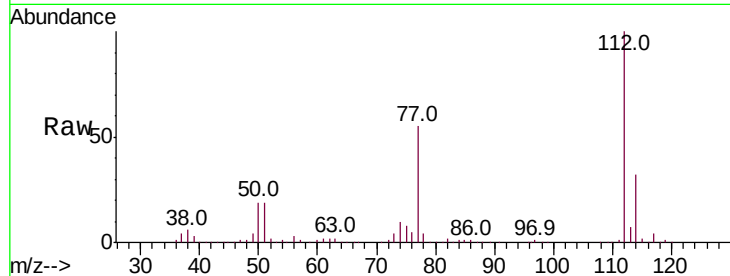
114 31.7 26.2 39.4

Manual Integrations

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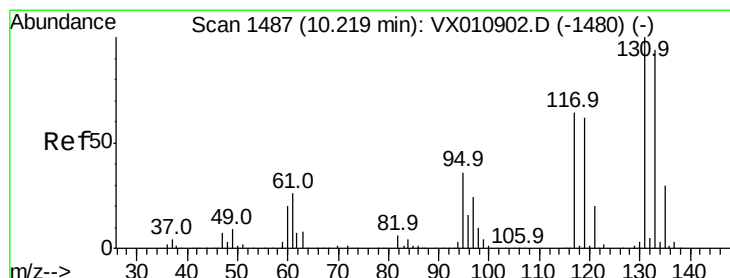
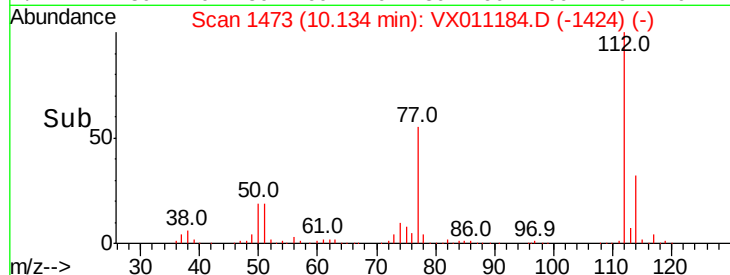
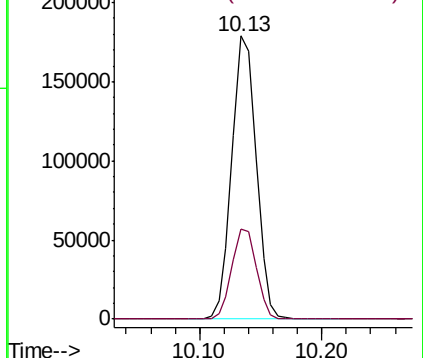
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.978 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

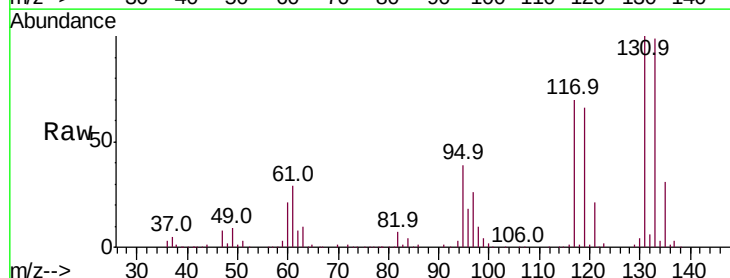
Tgt Ion:131 Resp: 92080

Ion Ratio Lower Upper

131 100

133 98.2 47.1 141.4

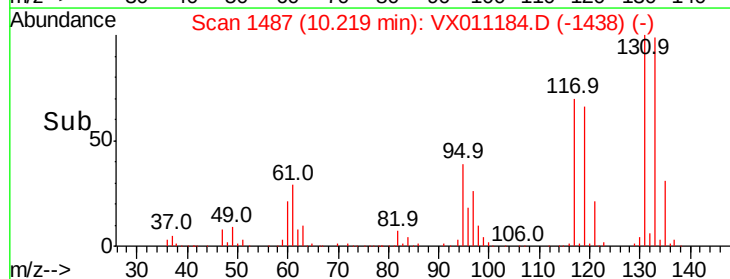
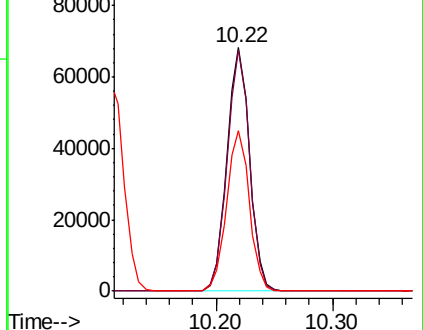
119 66.3 31.9 95.7

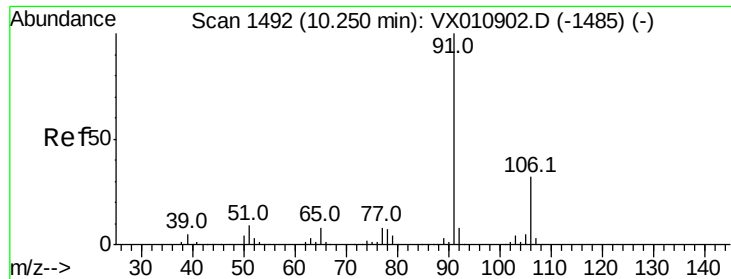


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.501 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 91 Resp: 425104

Ion Ratio Lower Upper

91 100

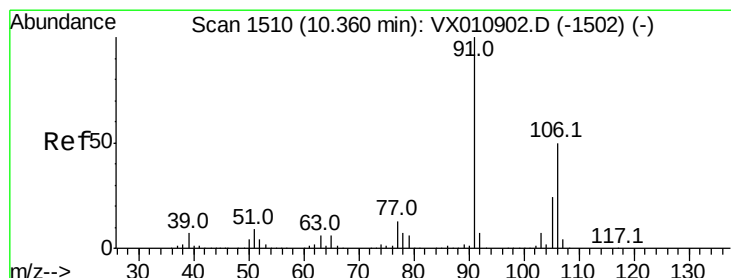
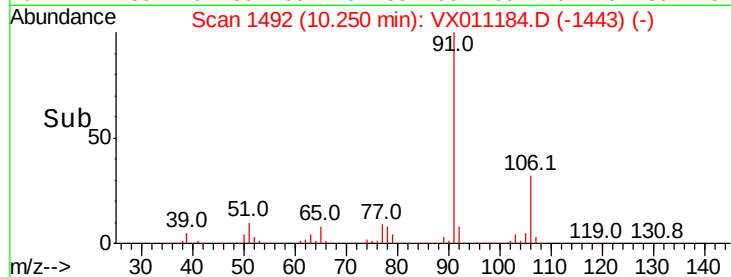
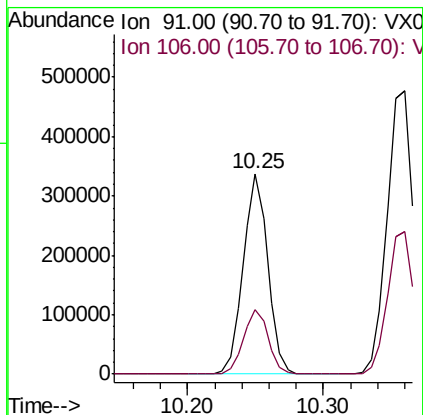
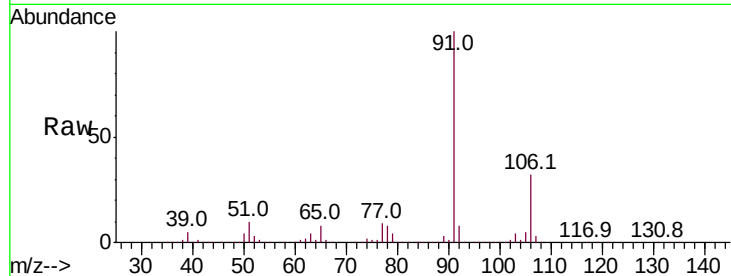
106 32.3 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.381 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011184.D

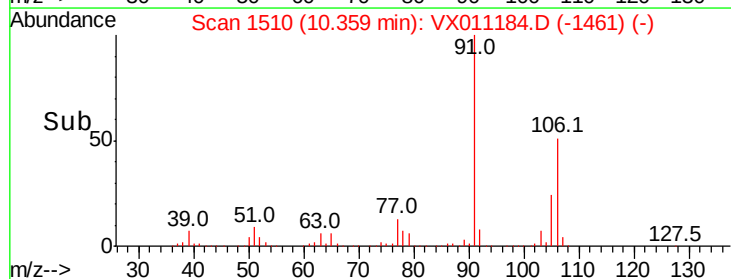
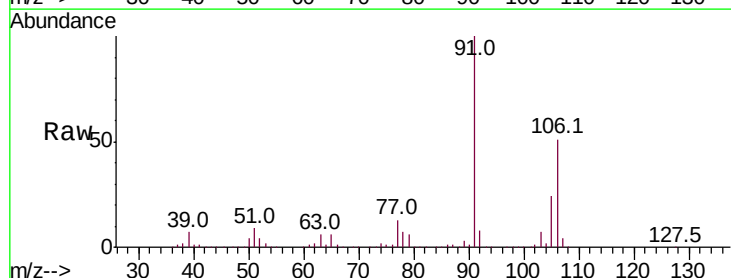
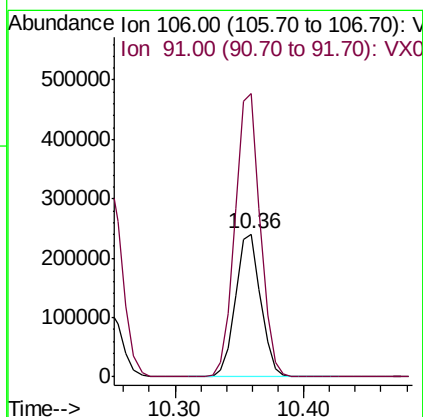
Acq: 30 Jul 2019 07:24

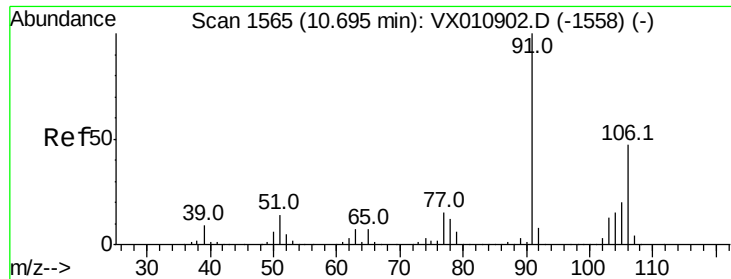
Tgt Ion: 106 Resp: 327353

Ion Ratio Lower Upper

106 100

91 198.6 160.1 240.1





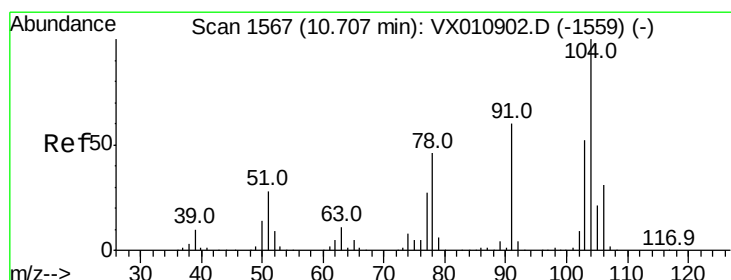
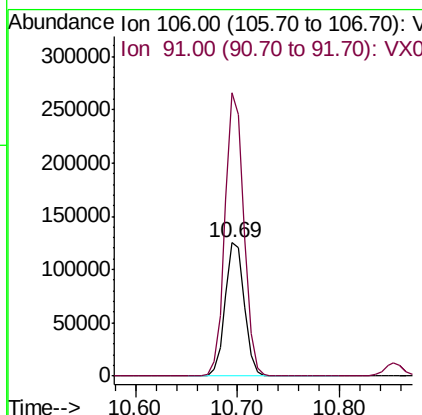
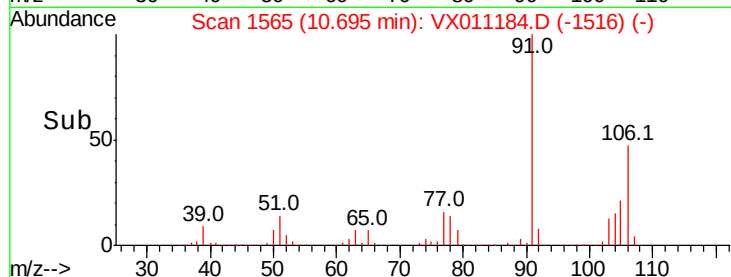
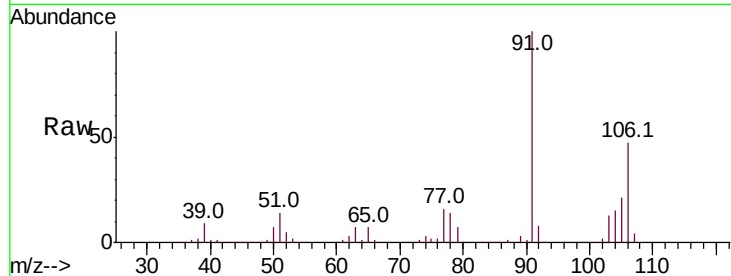
#69
o-Xylene
Concen: 51.885 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 163504
Ion Ratio Lower Upper
106 100
91 208.0 105.1 315.3

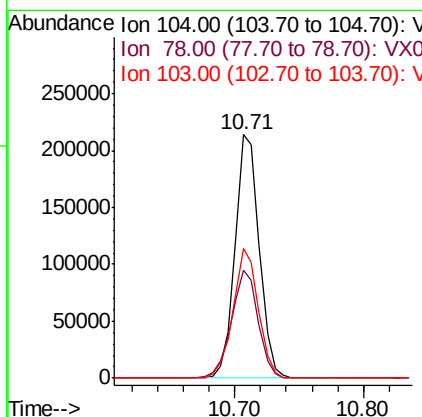
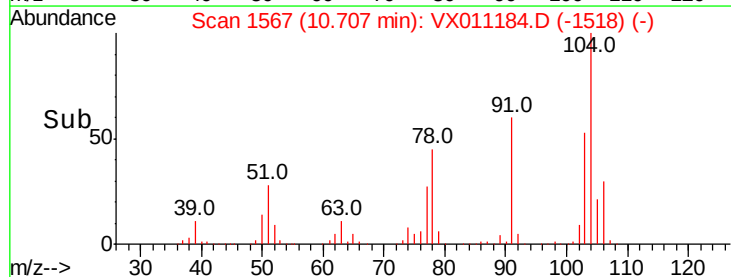
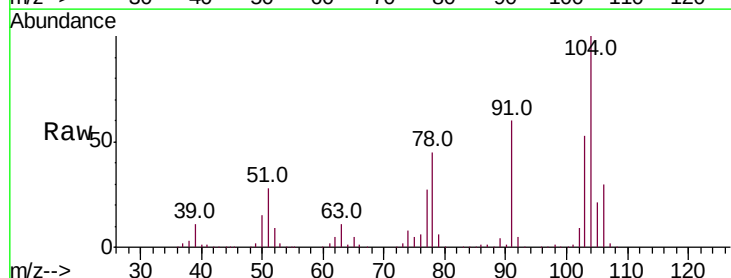
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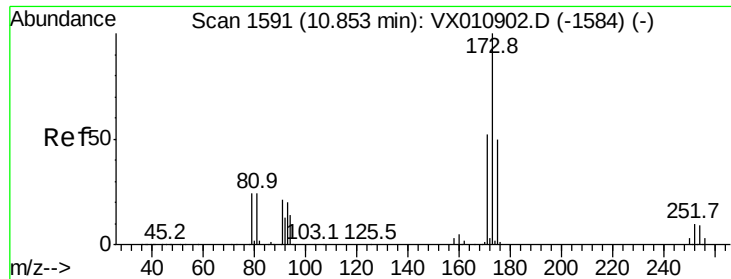
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#70
Styrene
Concen: 53.270 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion:104 Resp: 279838
Ion Ratio Lower Upper
104 100
78 48.7 38.8 58.2
103 55.9 44.2 66.4





#71

Bromoform

Concen: 49.122 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 77663

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.6

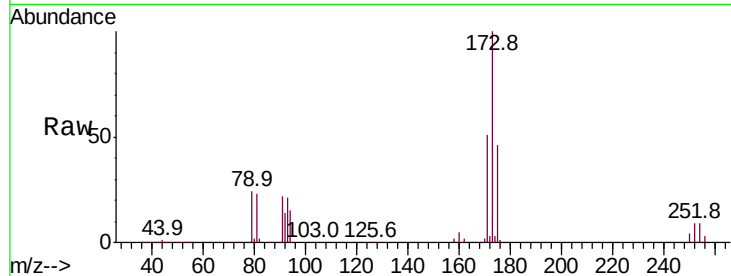
254 0.1 0.1 0.1

Manual Integrations

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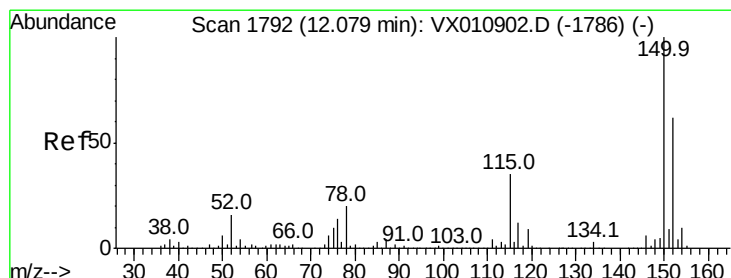
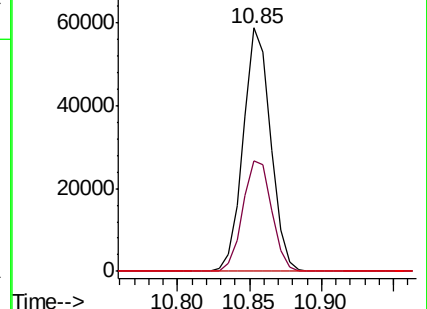
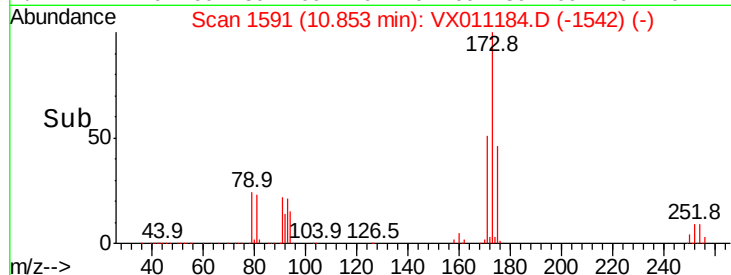
7/30/2019 11:17:54 AM



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: VX011184.D

Acq: 30 Jul 2019 07:24

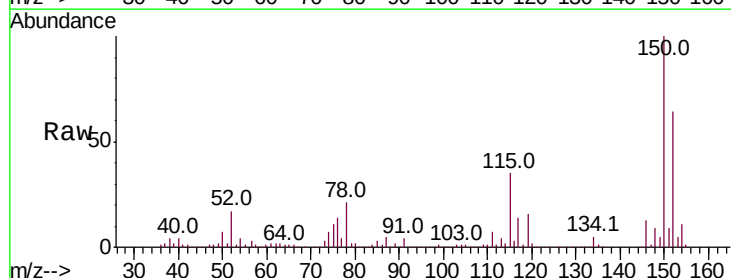
Tgt Ion:152 Resp: 131262

Ion Ratio Lower Upper

152 100

115 79.6 39.7 119.1

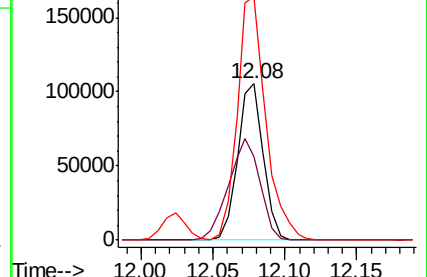
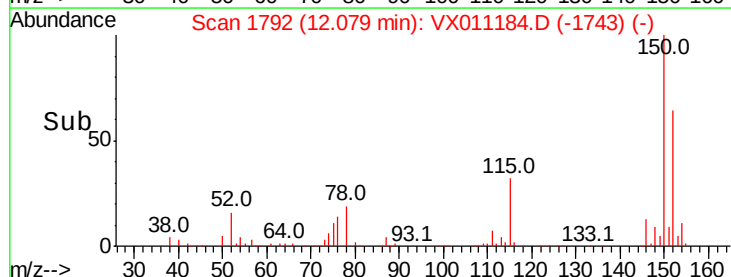
150 173.2 0.0 345.6

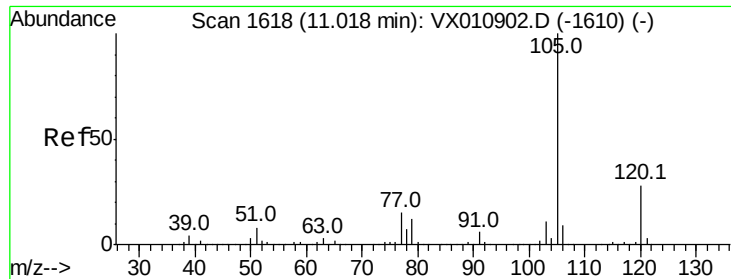


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.123 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 435689

Ion Ratio Lower Upper

105 100

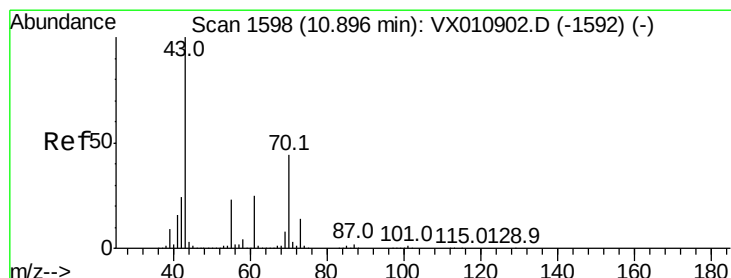
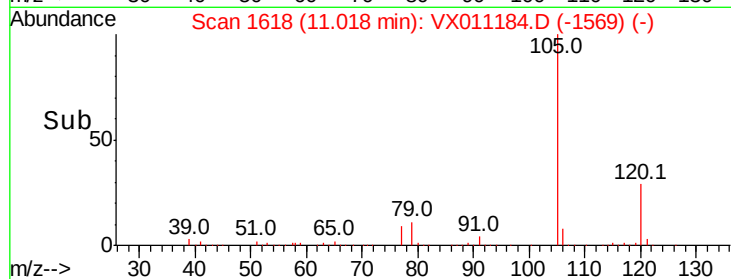
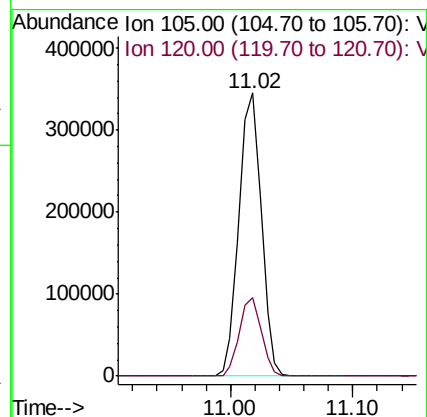
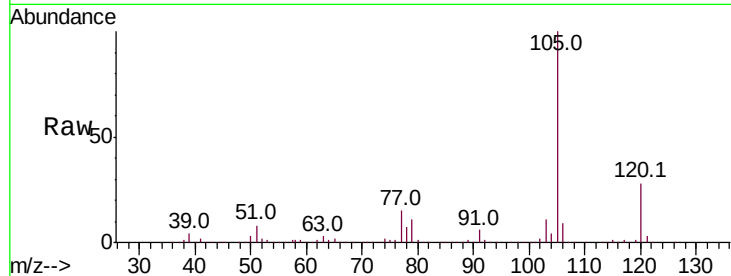
120 27.4 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.950 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Tgt Ion: 43 Resp: 179442

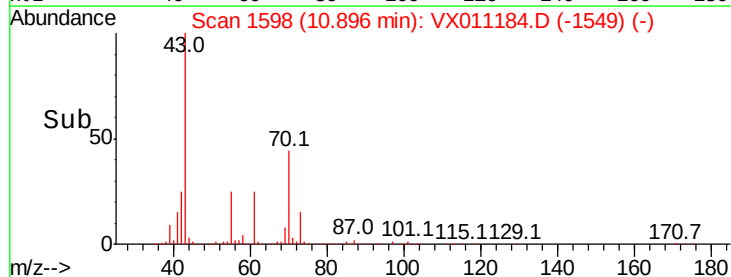
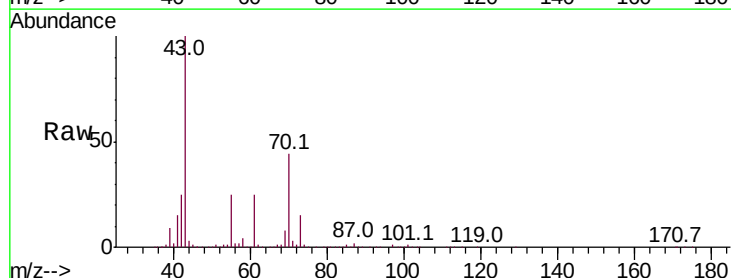
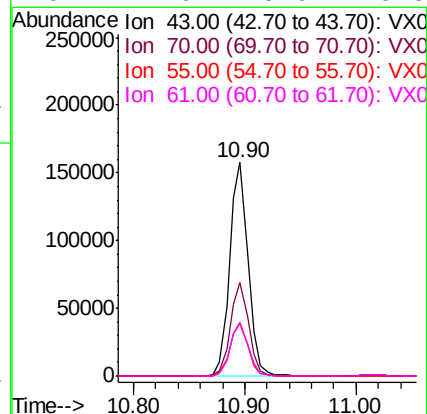
Ion Ratio Lower Upper

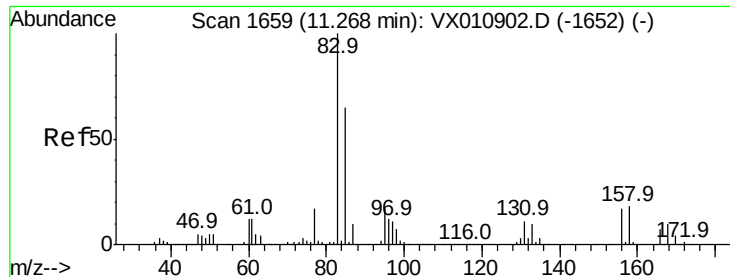
43 100

70 43.7 34.7 52.1

55 24.8 19.1 28.7

61 24.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.725 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

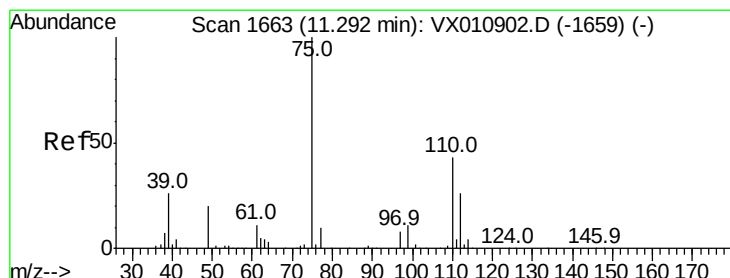
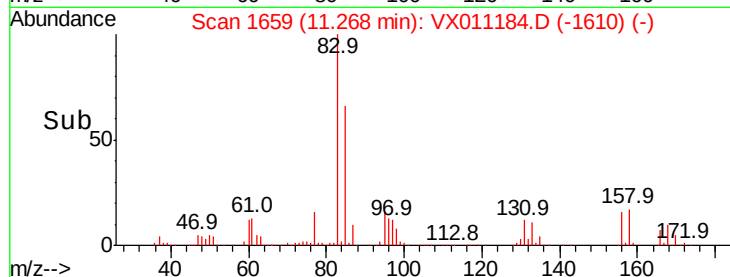
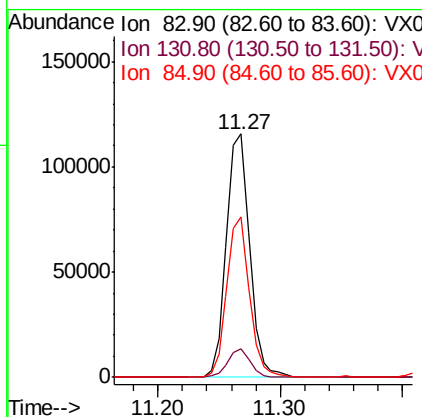
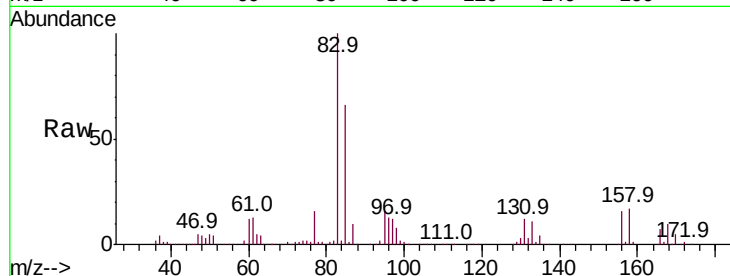
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	153038
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.5	16.4
85	64.4	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.385 ug/l m

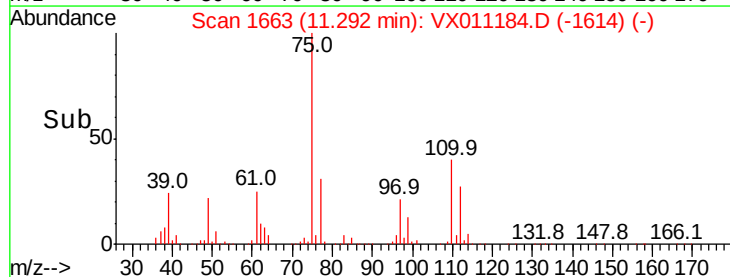
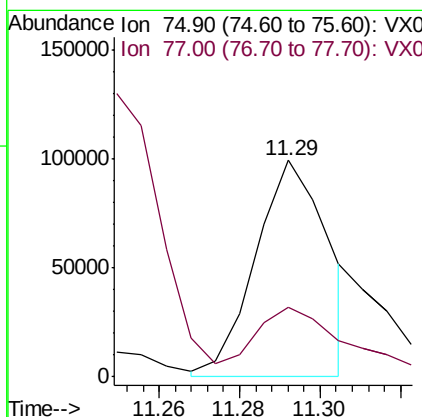
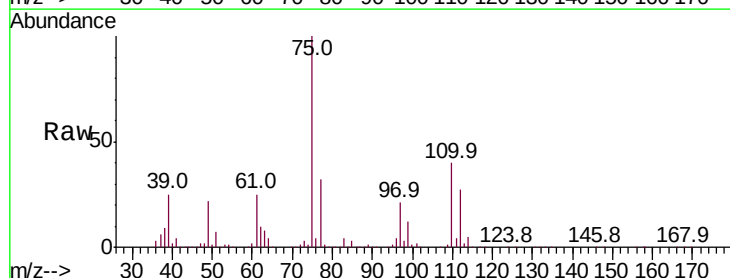
RT: 11.29 min Scan# 1663

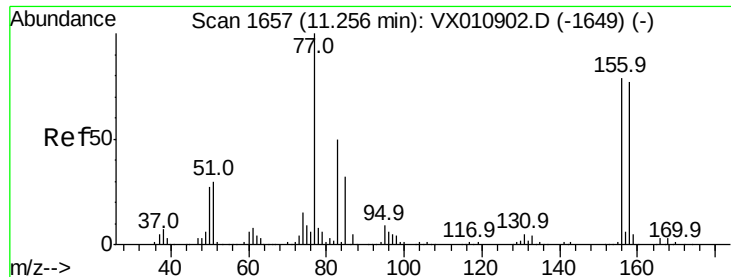
Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Tgt Ion:	75	Resp:	124084
Ion	Ratio	Lower	Upper
75	100		
77	41.6	21.3	64.0





#77

Bromobenzene

Concen: 49.263 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

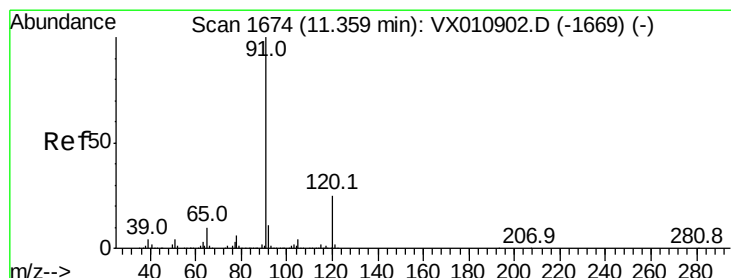
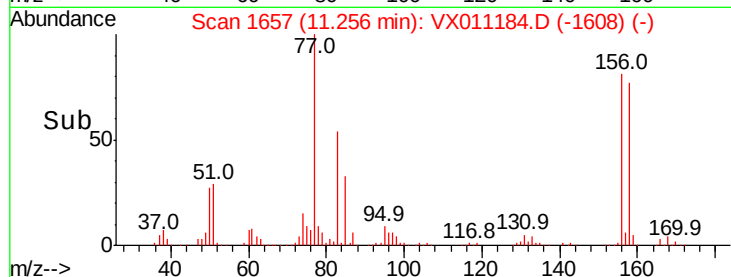
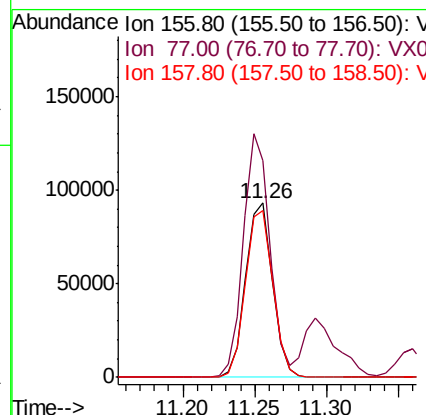
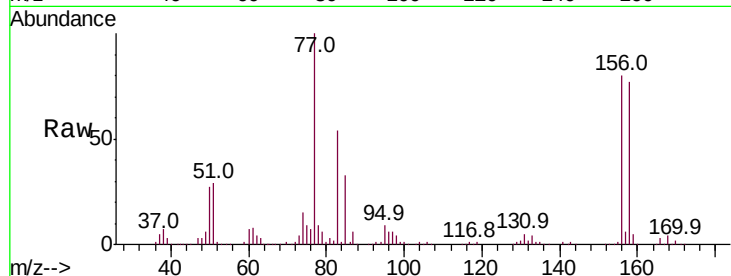
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	120521
Ion Ratio	Lower	Upper	
156	100		
77	138.2	68.7	206.1
158	97.6	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 49.551 ug/l

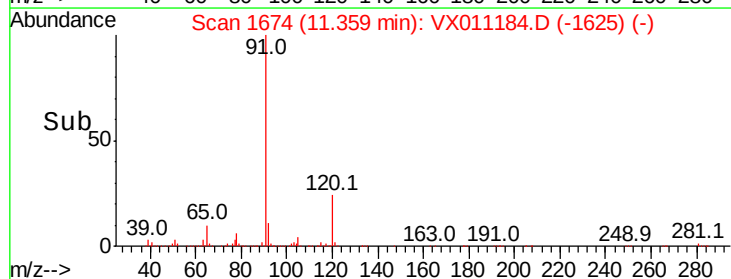
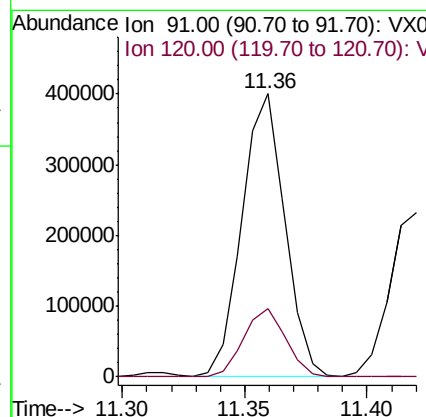
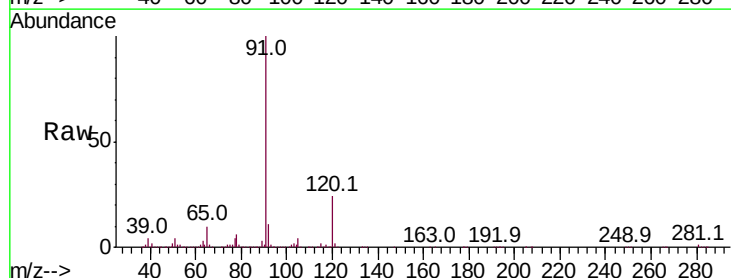
RT: 11.36 min Scan# 1674

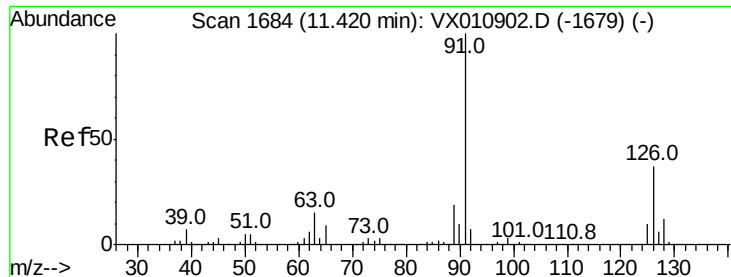
Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Tgt Ion:	91	Resp:	485598
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.3	36.8





#79

2-Chlorotoluene

Concen: 49.732 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 292775

Ion Ratio Lower Upper

91 100

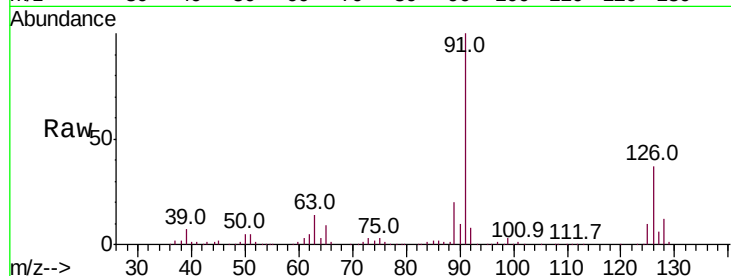
126 36.5 18.0 54.0

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Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010902.D (-1679) (-)

400000

300000

200000

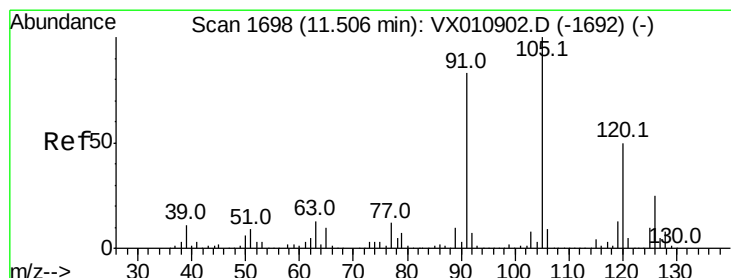
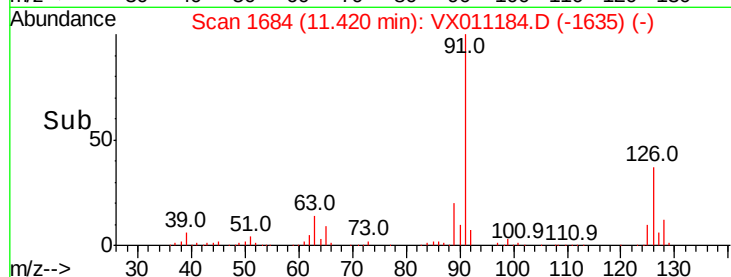
100000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.827 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011184.D

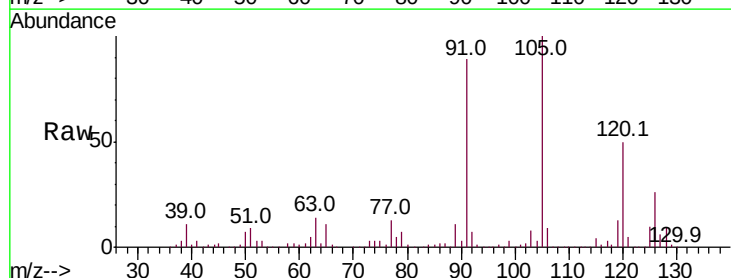
Acq: 30 Jul 2019 07:24

Tgt Ion:105 Resp: 369280

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010902.D (-1692) (-)

300000

200000

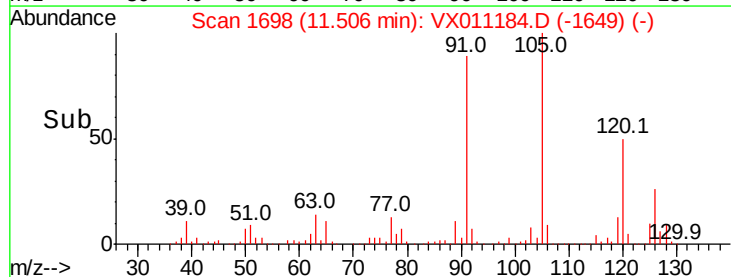
100000

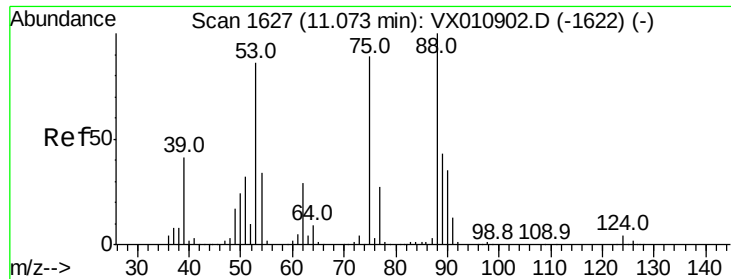
0

11.51

11.60

Time-->





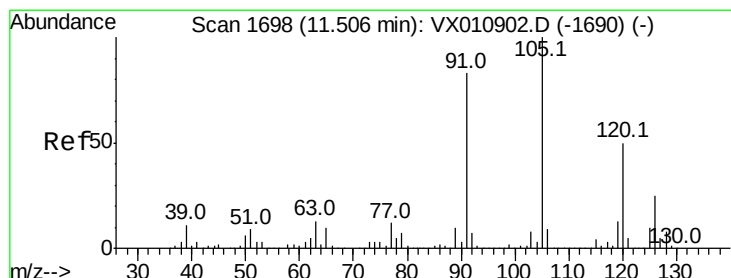
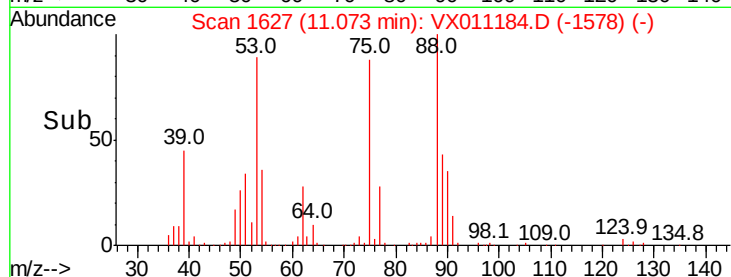
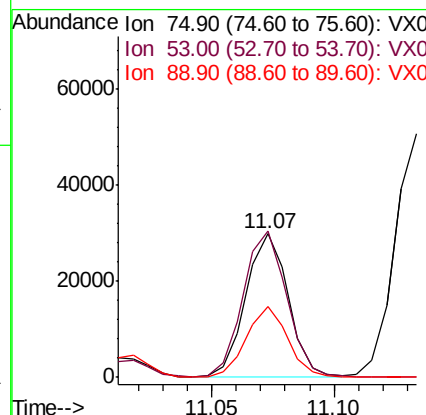
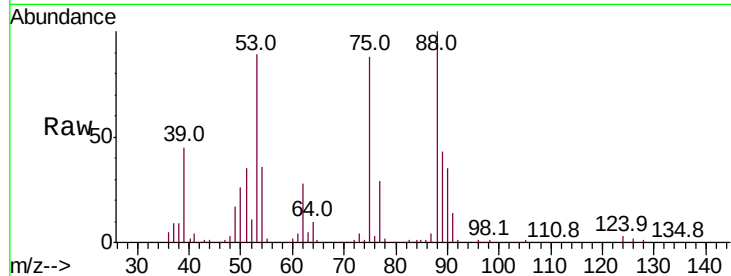
#81
trans-1,4-Dichloro-2-butene
Concen: 39.319 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 35897
Ion Ratio Lower Upper
75 100
53 104.3 76.7 115.1
89 48.4 38.5 57.7

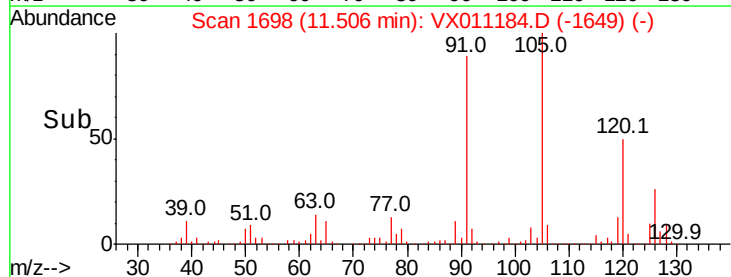
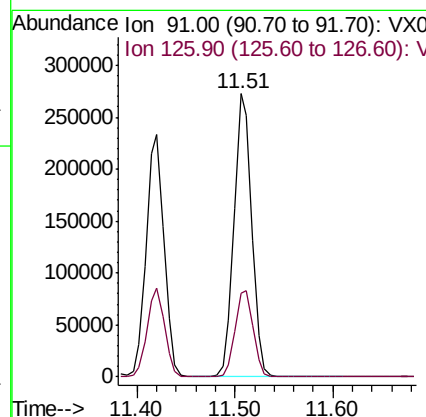
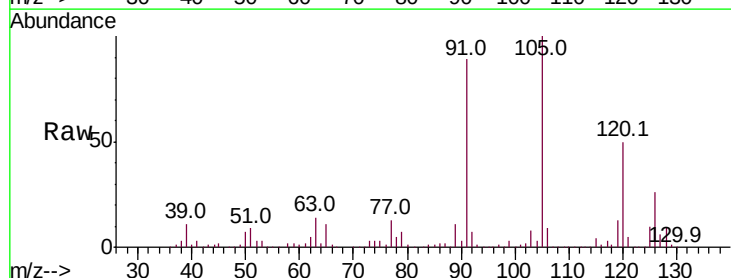
Manual Integrations
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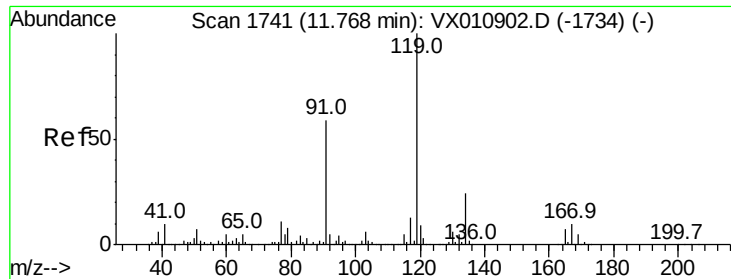
MMDadoda
7/30/2019 11:17:54 AM



#82
4-Chlorotoluene
Concen: 49.888 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion: 91 Resp: 341827
Ion Ratio Lower Upper
91 100
126 31.3 15.9 47.7





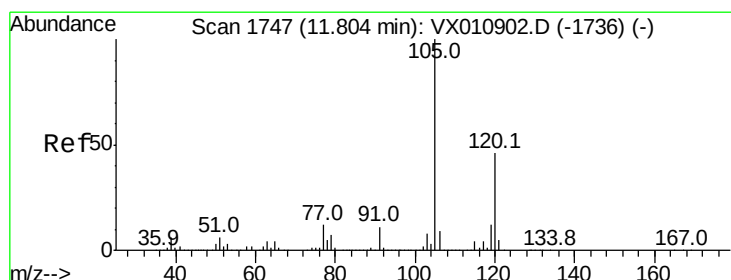
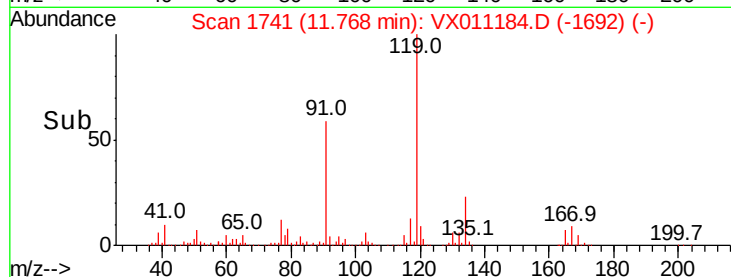
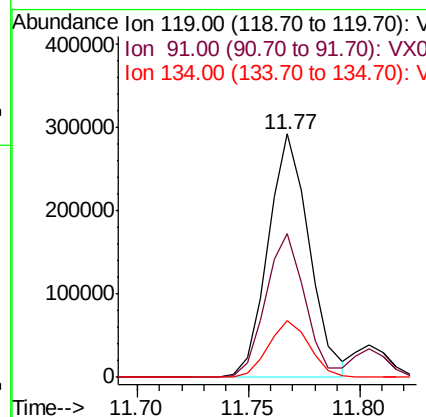
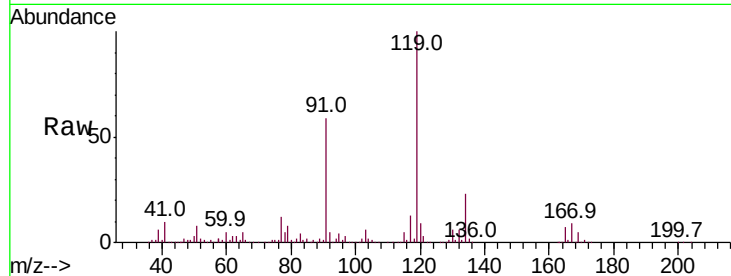
#83
tert-Butylbenzene
Concen: 51.309 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.9	28.6	85.8
134	23.1	11.6	34.8

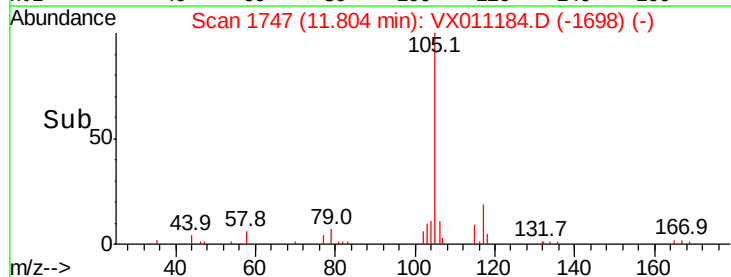
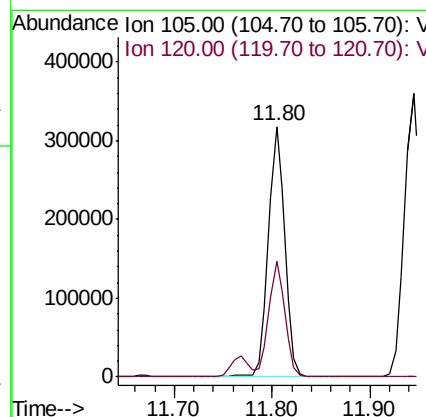
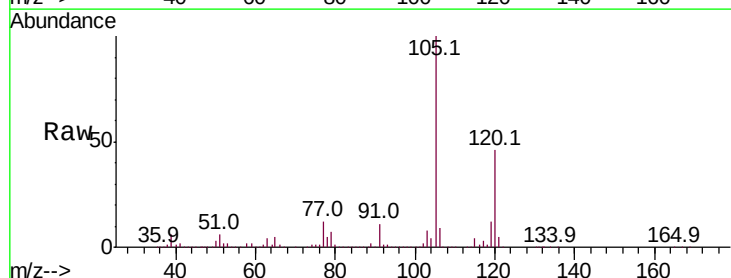
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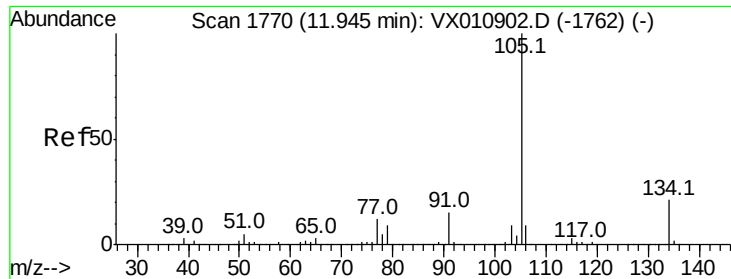
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#84
1,2,4-Trimethylbenzene
Concen: 50.328 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.9	68.5





#85

sec-Butylbenzene

Concen: 50.676 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 432257

Ion Ratio Lower Upper

105 100

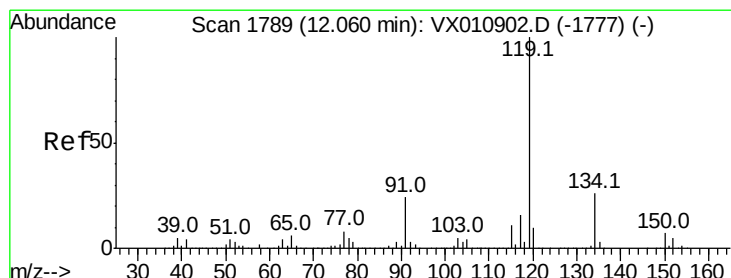
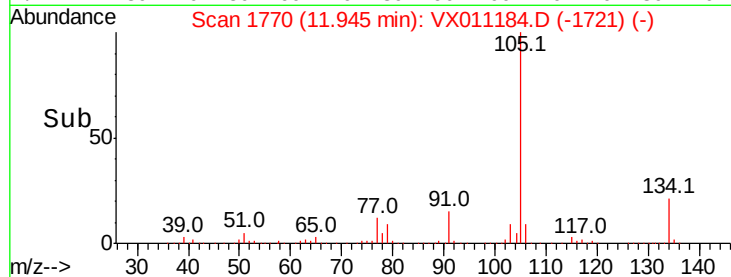
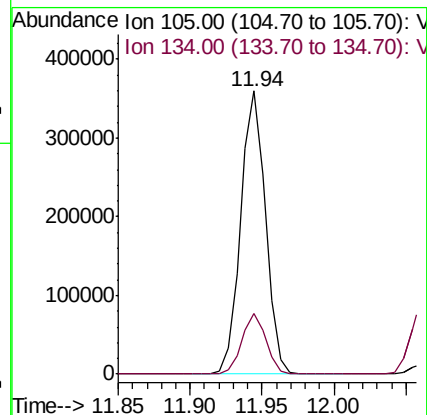
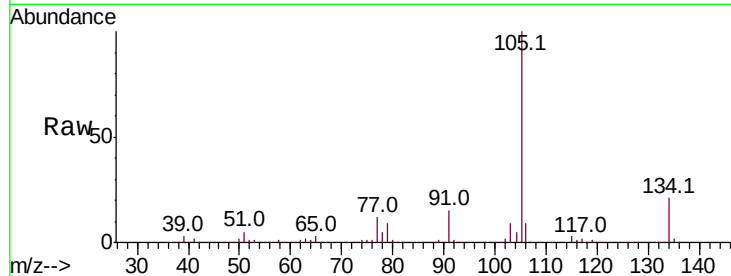
134 20.7 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.193 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

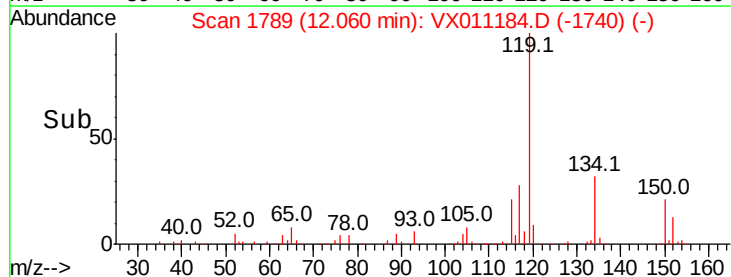
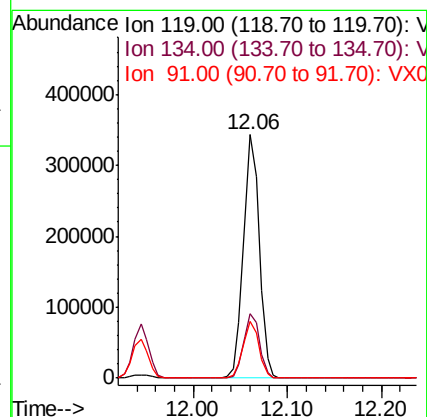
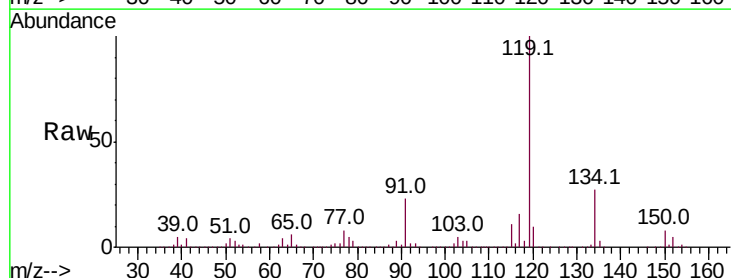
Tgt Ion:119 Resp: 403704

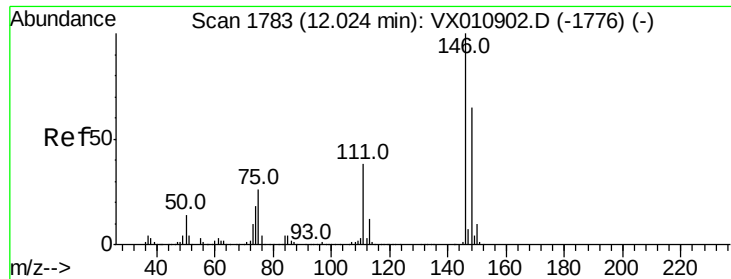
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.4 11.8 35.4





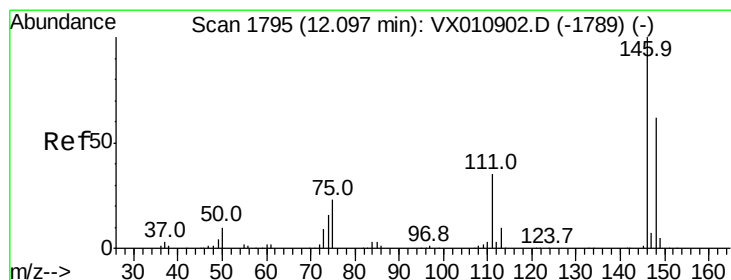
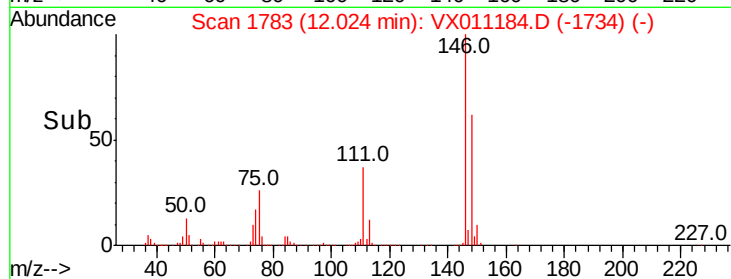
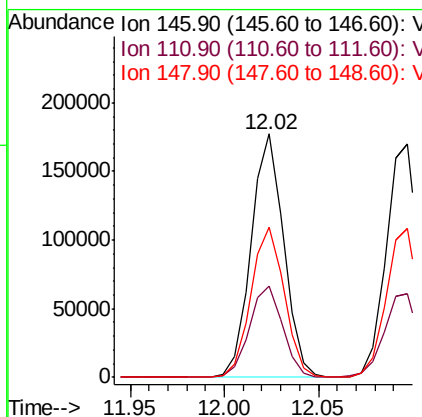
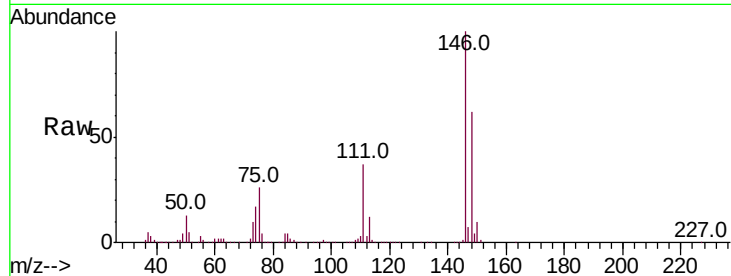
#87
 1,3-Dichlorobenzene
 Concen: 50.187 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	62.9	32.2	96.6

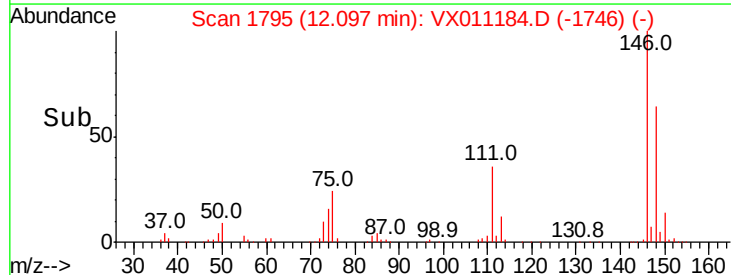
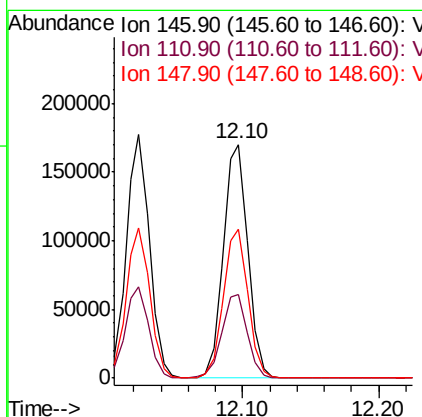
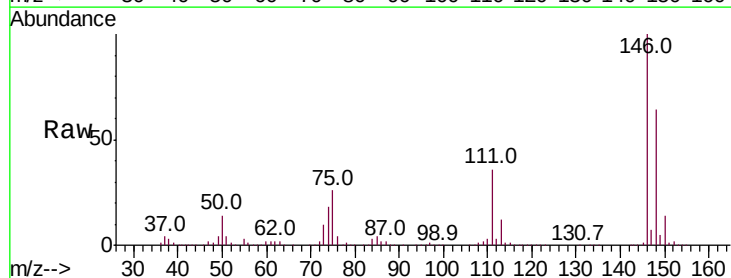
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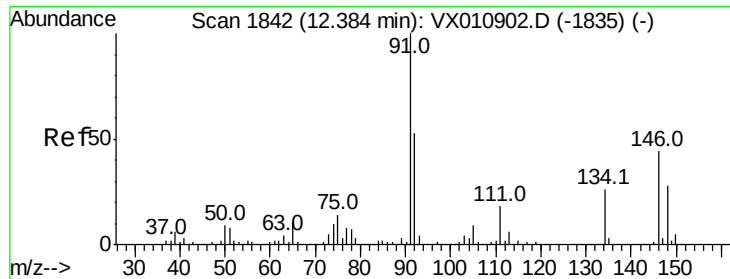
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#88
 1,4-Dichlorobenzene
 Concen: 48.665 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.1	31.6	94.7





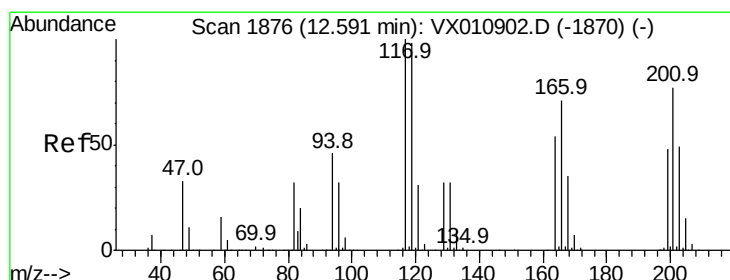
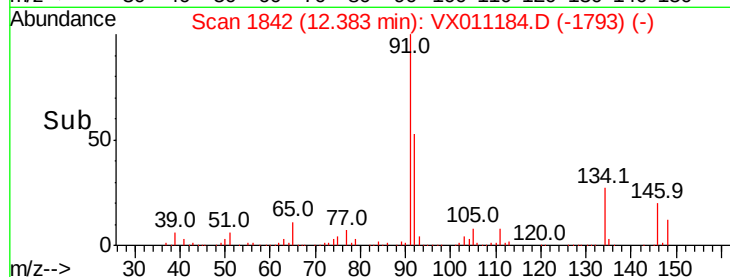
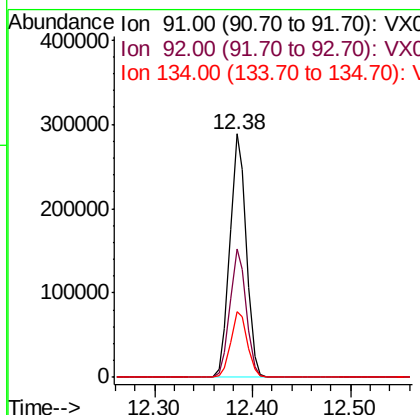
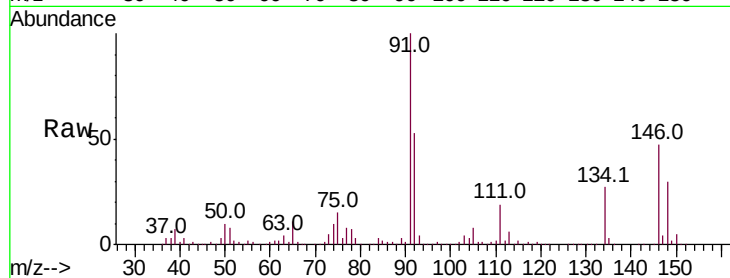
#89
n-Butylbenzene
Concen: 49.740 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	27.3	13.8	41.3

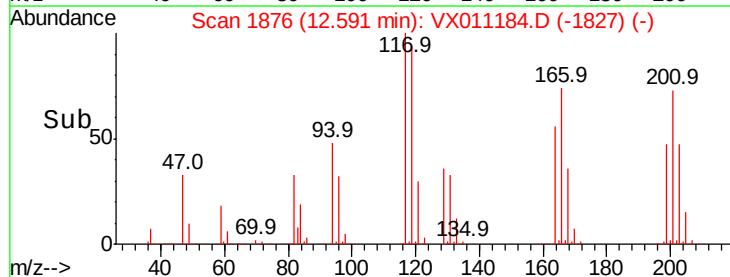
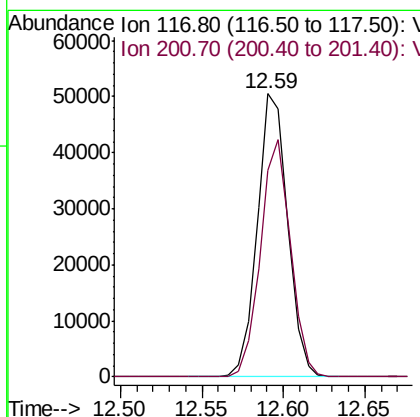
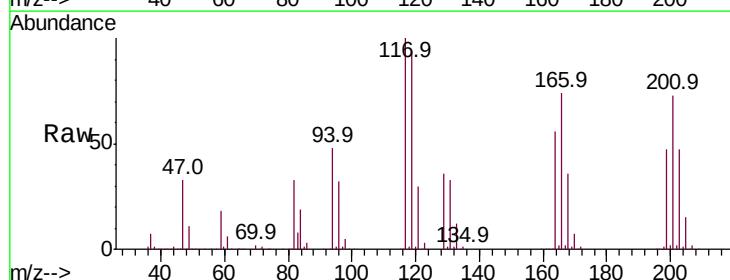
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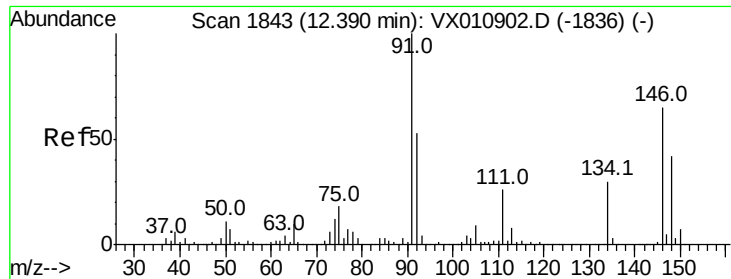
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#90
Hexachloroethane
Concen: 52.409 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.7	43.3	129.8





#91

1,2-Dichlorobenzene

Concen: 50.173 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Instrument :

MSVOA_X

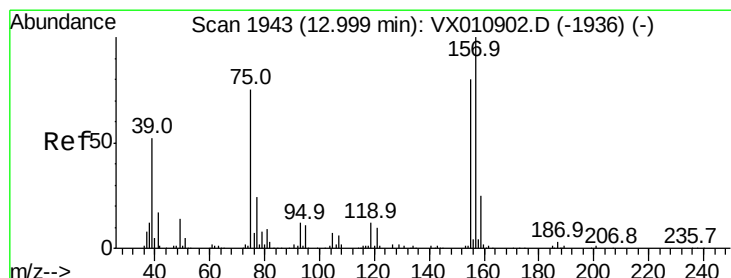
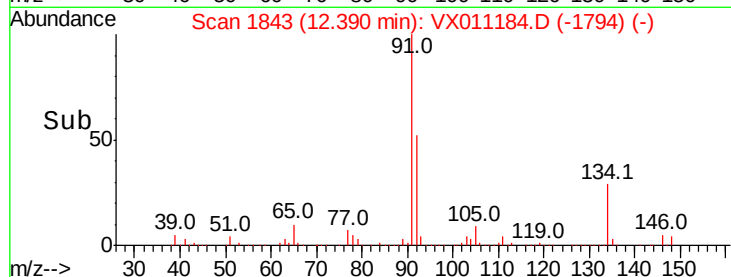
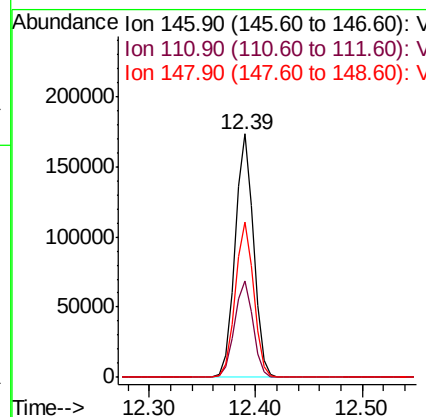
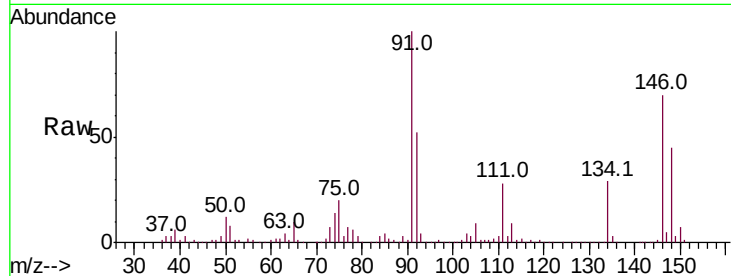
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	211117
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.9	59.7
148	63.7	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.881 ug/l

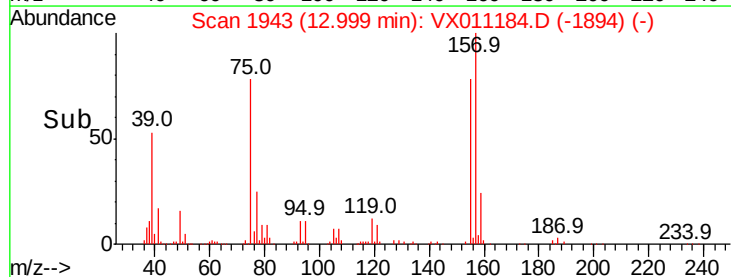
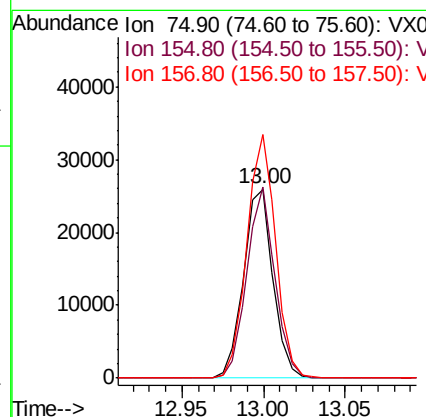
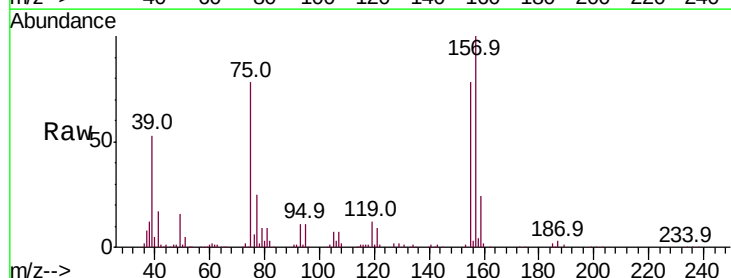
RT: 13.00 min Scan# 1943

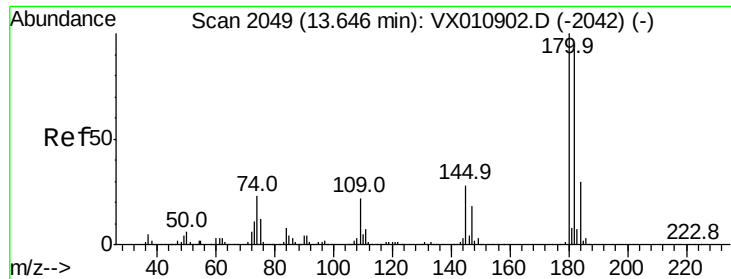
Delta R.T. -0.00 min

Lab File: VX011184.D

Acq: 30 Jul 2019 07:24

Tgt Ion:	75	Resp:	32691
Ion Ratio	Lower	Upper	
75	100		
155	96.2	48.7	146.1
157	125.6	62.5	187.6





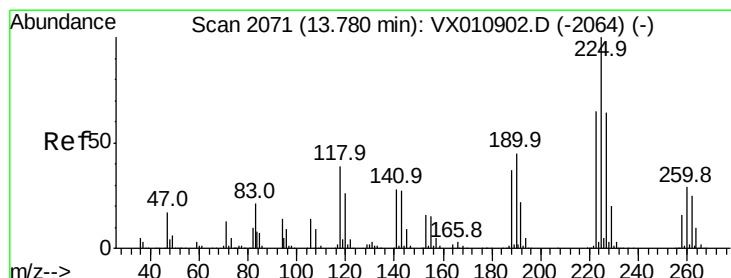
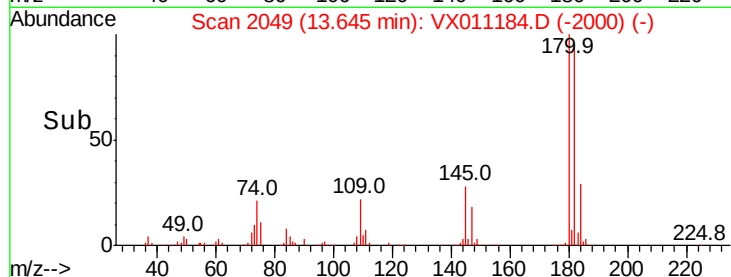
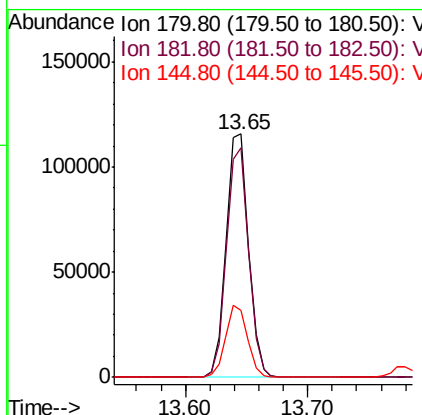
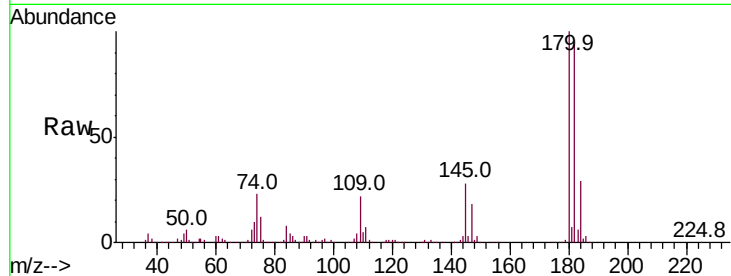
#93
 1,2,4-Trichlorobenzene
 Concen: 51.216 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	146050		
182	93.1	47.1	141.3	
145	28.8	14.8	44.4	

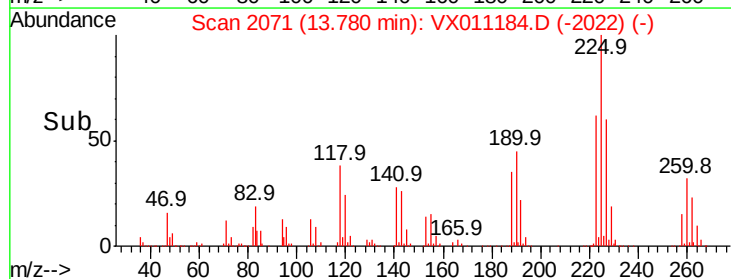
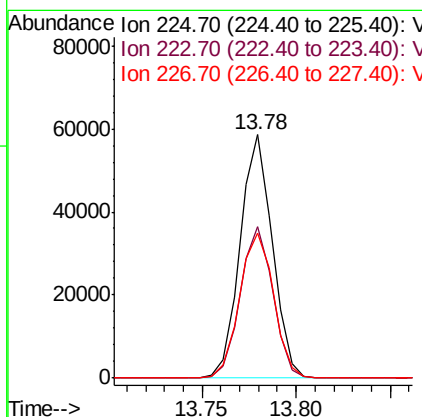
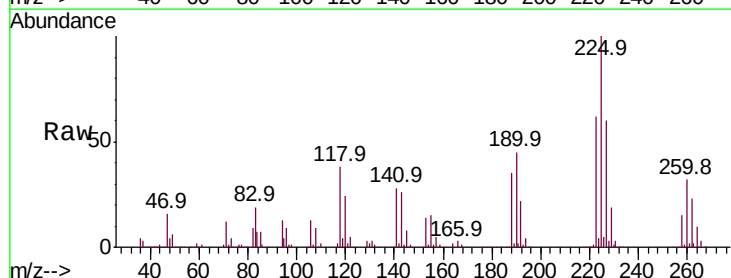
Manual Integrations
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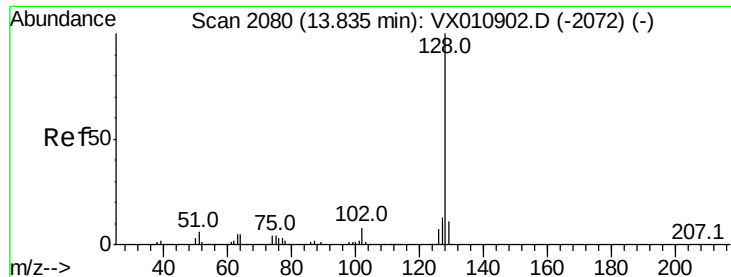
MMDadoda
 7/30/2019 11:17:54 AM



#94
 Hexachlorobutadiene
 Concen: 49.150 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011184.D
 Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69456		
223	62.8	31.9	95.9	
227	62.9	32.5	97.4	





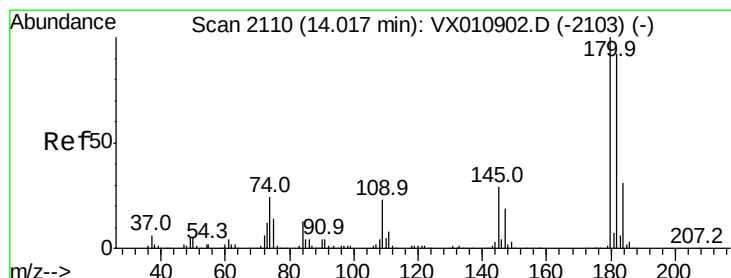
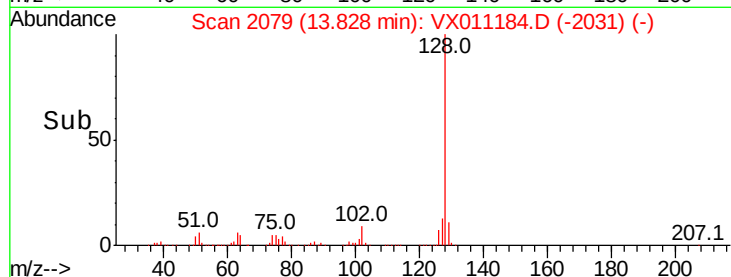
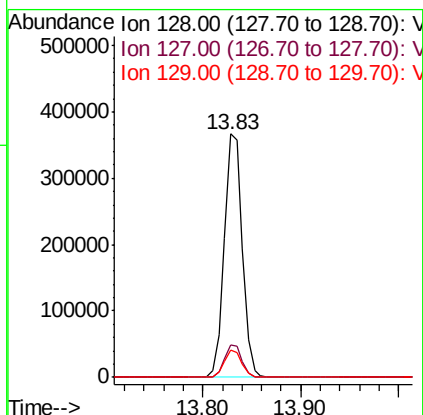
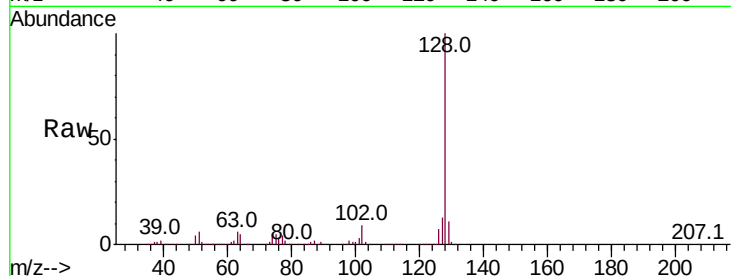
#95
Naphthalene
Concen: 55.313 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/30/2019 11:17:54 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.190 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011184.D
Acq: 30 Jul 2019 07:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.3
145	31.3	15.1	45.3

