

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008622.D
 Acq On : 03 Apr 2019 19:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:37:04 PM

Quant Time: Apr 04 06:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134457	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	129731	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	
35) Dibromofluoromethane	5.49	113	95767	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	
50) Toluene-d8	8.71	98	389400	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.13	95	140551	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	96723	43.923	ug/l	99
3) Chloromethane	1.32	50	134912	49.990	ug/l	100
4) Vinyl Chloride	1.40	62	130070	43.694	ug/l	98
5) Bromomethane	1.64	94	64246	44.045	ug/l	99
6) Chloroethane	1.71	64	78496	48.173	ug/l	99
7) Trichlorofluoromethane	1.92	101	145235	44.136	ug/l	98
8) Diethyl Ether	2.19	74	68842	44.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92452	43.638	ug/l	100
10) Methyl Iodide	2.51	142	87223	45.588	ug/l	99
11) Tert butyl alcohol	3.05	59	154858	237.059	ug/l	100
12) 1,1-Dichloroethene	2.37	96	95687	43.265	ug/l	96
13) Acrolein	2.29	56	66343	204.817	ug/l	98
14) Allyl chloride	2.73	41	225729	44.584	ug/l	100
15) Acrylonitrile	3.14	53	393200	227.209	ug/l	100
16) Acetone	2.45	43	350444	218.055	ug/l	100
17) Carbon Disulfide	2.57	76	285929	44.691	ug/l	98
18) Methyl Acetate	2.78	43	169685	43.534	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	359019	45.455	ug/l	99
20) Methylene Chloride	2.85	84	115717	43.015	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	102763	42.956	ug/l	95
22) Diisopropyl ether	3.85	45	433924	44.466	ug/l	92
23) Vinyl Acetate	3.81	43	1963528	231.294	ug/l	99
24) 1,1-Dichloroethane	3.70	63	215424	44.587	ug/l	99
25) 2-Butanone	4.67	43	582370	229.268	ug/l	100
26) 2,2-Dichloropropane	4.58	77	146654	43.096	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	119329	43.385	ug/l	99
28) Bromochloromethane	5.02	49	106153	52.764	ug/l	99
29) Tetrahydrofuran	5.13	42	380474	225.675	ug/l	99
30) Chloroform	5.21	83	192492	44.606	ug/l	100
31) Cyclohexane	5.58	56	209438	43.442	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	157432	45.145	ug/l	100
36) 1,1-Dichloropropene	5.80	75	151237	42.948	ug/l	100
37) Ethyl Acetate	4.84	43	216264	46.010	ug/l	99
38) Carbon Tetrachloride	5.79	117	130291	44.704	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185466	42.635	ug/l	100
40) Benzene	6.14	78	464683	44.295	ug/l	99
41) Methacrylonitrile	5.04	41	121762	45.067	ug/l	99
42) 1,2-Dichloroethane	6.19	62	164926	43.853	ug/l	99
43) Isopropyl Acetate	6.45	43	338610	45.988	ug/l	100
44) Trichloroethene	7.21	130	106505	43.590	ug/l	99
45) 1,2-Dichloropropane	7.51	63	131624	43.958	ug/l	98
46) Dibromomethane	7.66	93	74937	43.151	ug/l	99
47) Bromodichloromethane	7.90	83	148305	45.292	ug/l	99
48) Methyl methacrylate	7.77	41	171962	46.169	ug/l	100
49) 1,4-Dioxane	7.74	88	64499	924.417	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1122701	236.862	ug/l	100
52) Toluene	8.79	92	277158	44.813	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	170033	46.357	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190063	45.349	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	111427	44.883	ug/l	99
56) Ethyl methacrylate	9.18	69	212140	47.228	ug/l	100
57) 1,3-Dichloropropane	9.37	76	201065	45.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	553988	241.533	ug/l	100
59) 2-Hexanone	9.49	43	864472	234.682	ug/l	100
60) Dibromochloromethane	9.58	129	108413	46.342	ug/l	100
61) 1,2-Dibromoethane	9.67	107	115882	44.837	ug/l	99
64) Tetrachloroethene	9.34	164	89637	41.991	ug/l	96
65) Chlorobenzene	10.14	112	278961	43.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	100385	44.803	ug/l	100
67) Ethyl Benzene	10.25	91	526421	44.203	ug/l	100
68) m/p-Xylenes	10.36	106	382139	89.244	ug/l	99
69) o-Xylene	10.70	106	185175	44.623	ug/l	100
70) Styrene	10.71	104	324026	45.299	ug/l	100
71) Bromoform	10.85	173	80494	47.038	ug/l #	99
73) Isopropylbenzene	11.02	105	489536	43.933	ug/l	100
74) N-amyl acetate	10.90	43	298694	45.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	187260	44.188	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	160109m	43.347	ug/l	
77) Bromobenzene	11.26	156	118322	44.171	ug/l	99
78) n-propylbenzene	11.36	91	576676	44.447	ug/l	99
79) 2-Chlorotoluene	11.42	91	342322	43.599	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	416247	44.502	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62428	46.589	ug/l	98
82) 4-Chlorotoluene	11.51	91	393557	43.303	ug/l	100
83) tert-Butylbenzene	11.77	119	396178	44.026	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	418978	44.238	ug/l	100
85) sec-Butylbenzene	11.94	105	478326	44.750	ug/l	100
86) p-Isopropyltoluene	12.06	119	429390	44.757	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	207291	43.226	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	206594	42.544	ug/l	100
89) n-Butylbenzene	12.38	91	399862	44.443	ug/l	99
90) Hexachloroethane	12.60	117	72153	45.344	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	207547	43.589	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40998	43.978	ug/l	99

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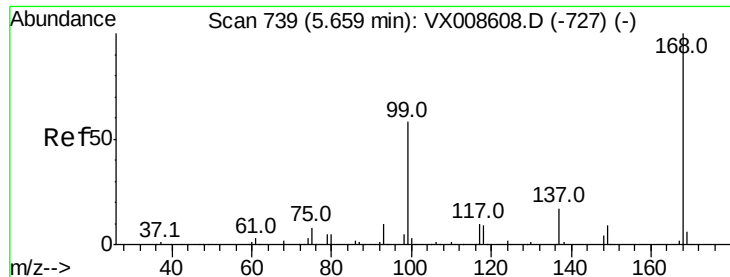
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141972	42.885	ug/l	99
94) Hexachlorobutadiene	13.78	225	70764	44.570	ug/l	99
95) Naphthalene	13.83	128	489186	44.212	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	142359	43.039	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: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 191306

Ion Ratio Lower Upper

168 100

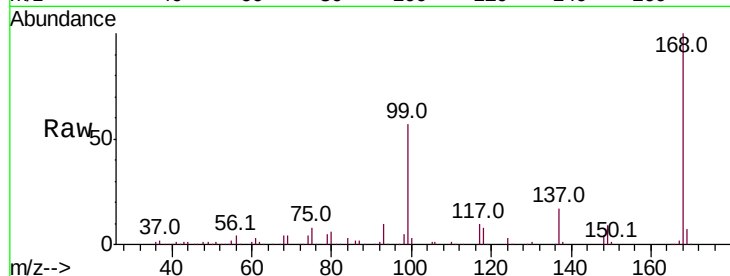
99 56.7 46.7 70.1

Manual Integrations

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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

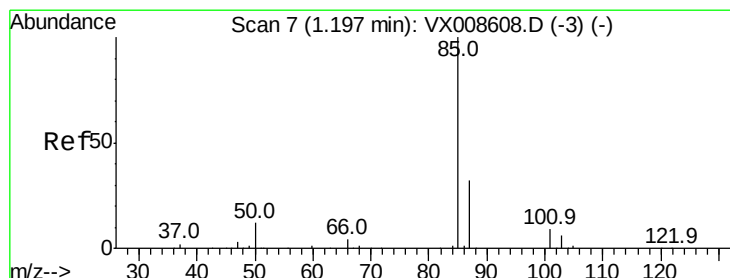
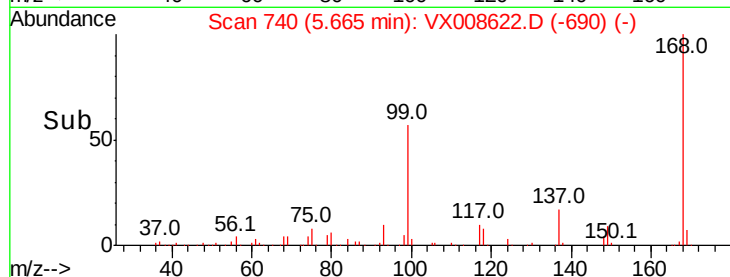
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.923 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008622.D

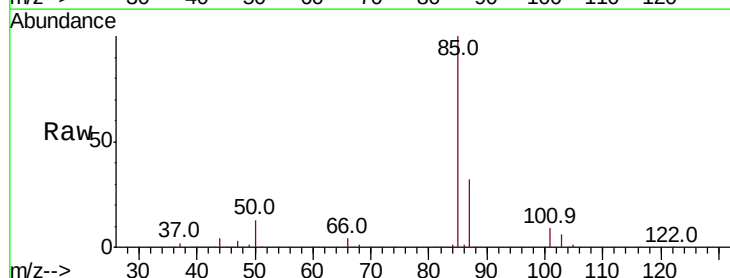
Acq: 03 Apr 2019 19:17

Tgt Ion: 85 Resp: 96723

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

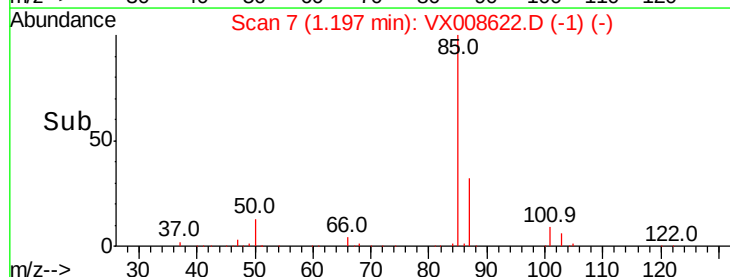
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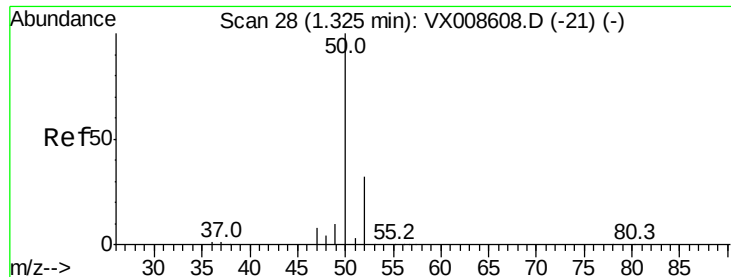
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.990 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 134912

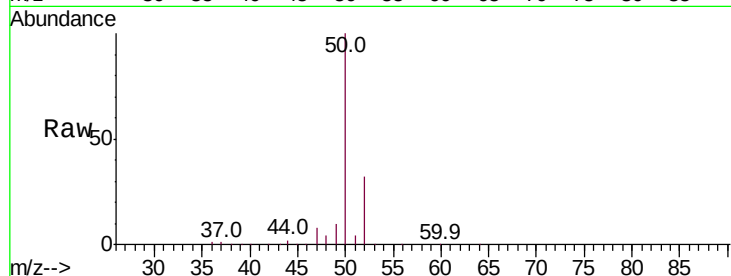
Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8

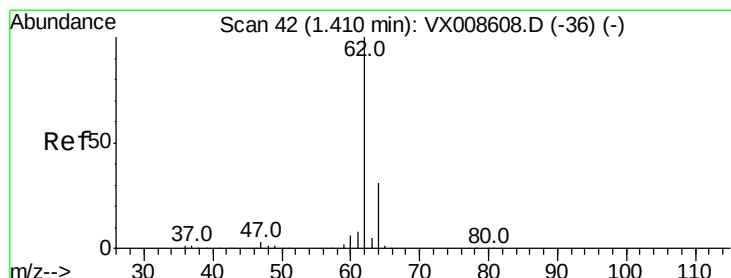
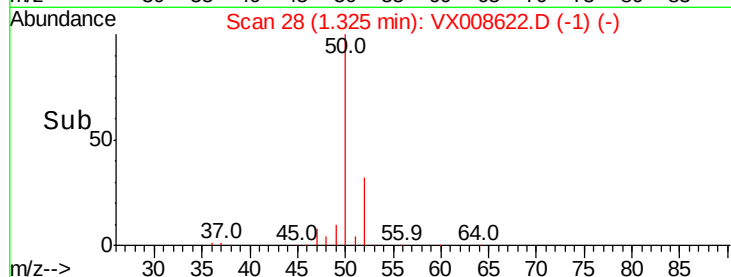
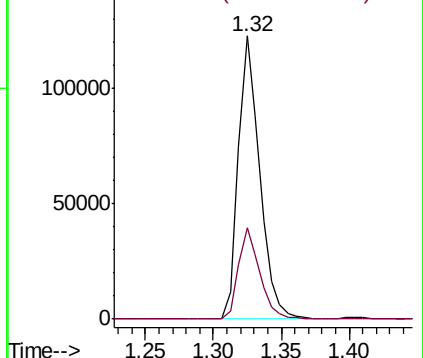
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.694 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008622.D

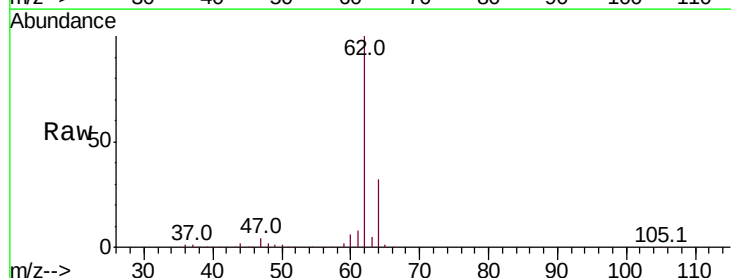
Acq: 03 Apr 2019 19:17

Tgt Ion: 62 Resp: 130070

Ion Ratio Lower Upper

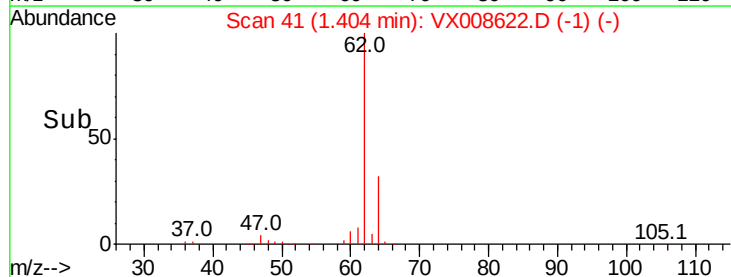
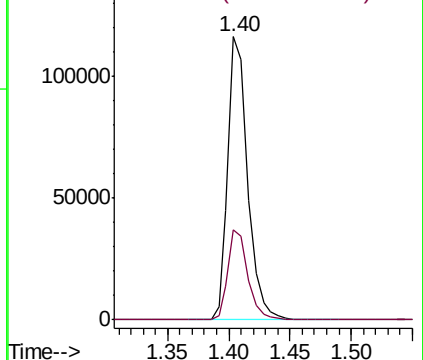
62 100

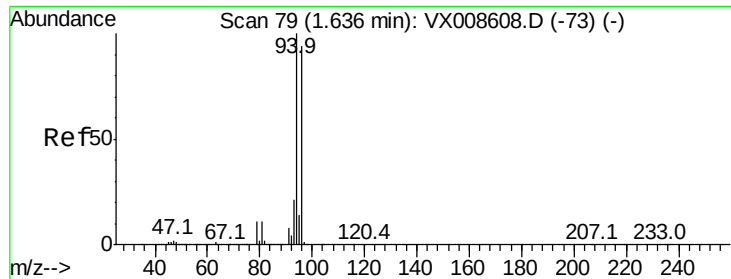
64 31.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.045 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 64246

Ion Ratio Lower Upper

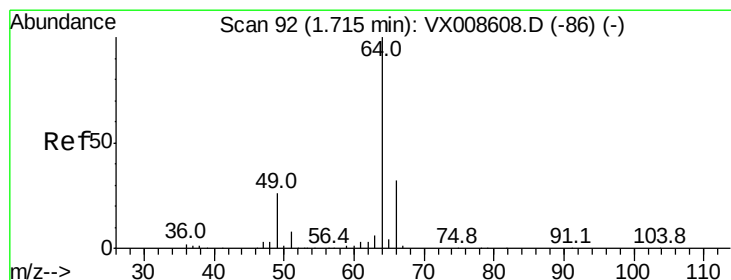
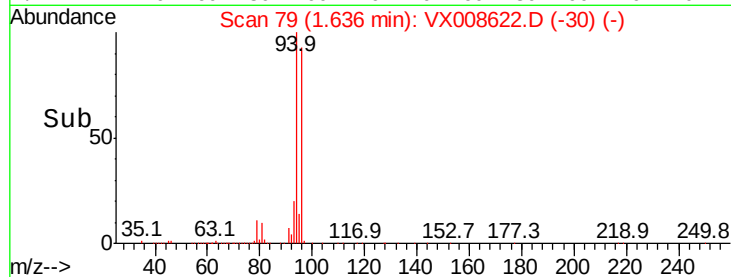
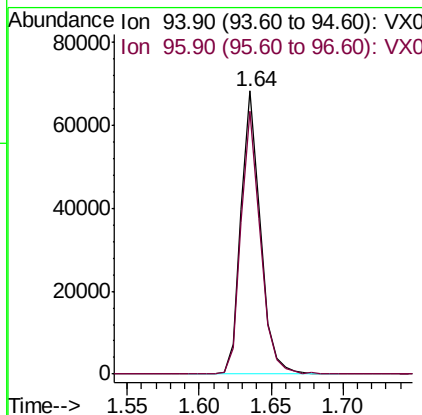
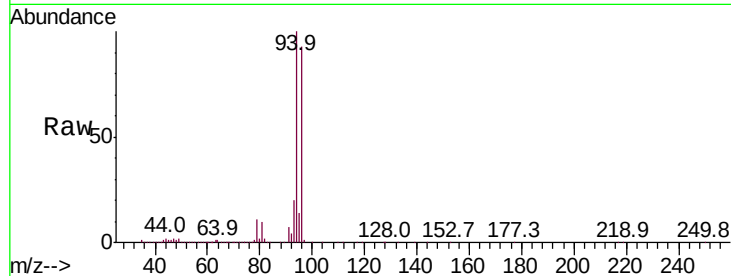
94 100

96 93.0 75.2 112.8

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#6

Chloroethane

Concen: 48.173 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008622.D

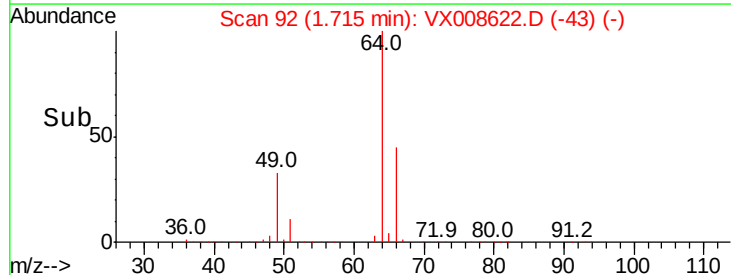
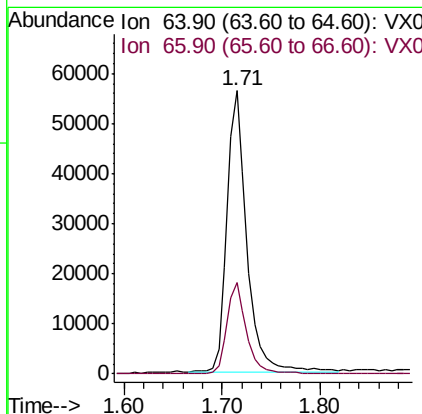
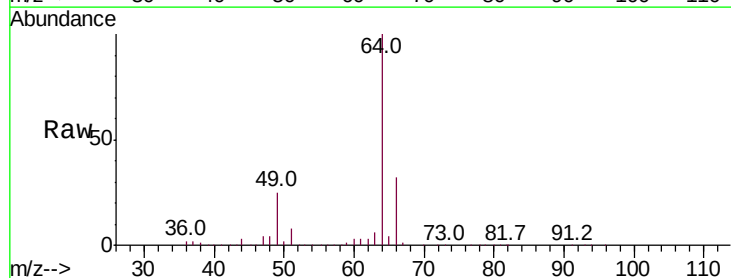
Acq: 03 Apr 2019 19:17

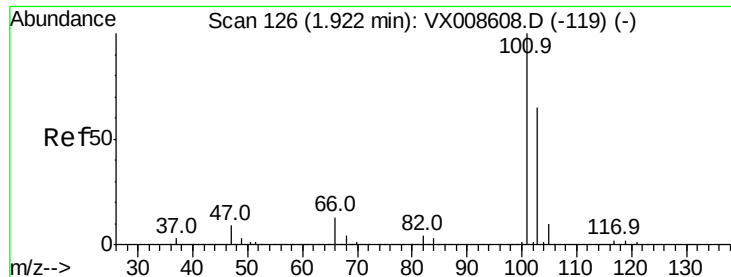
Tgt Ion: 64 Resp: 78496

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.0





#7

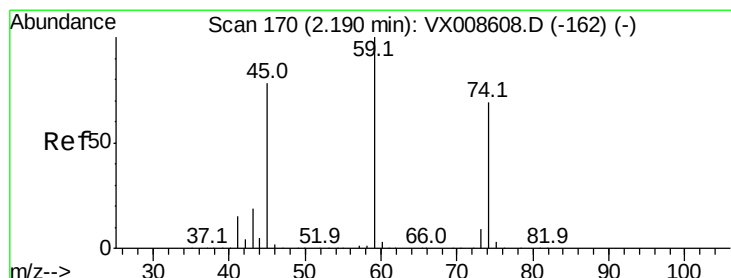
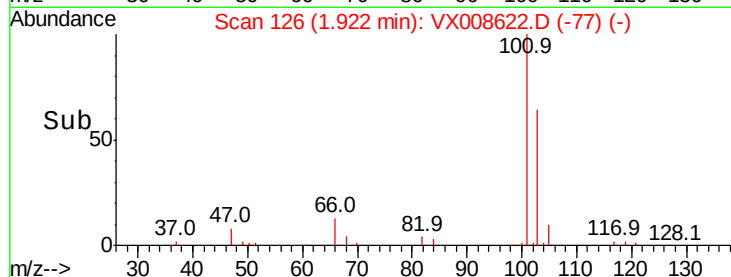
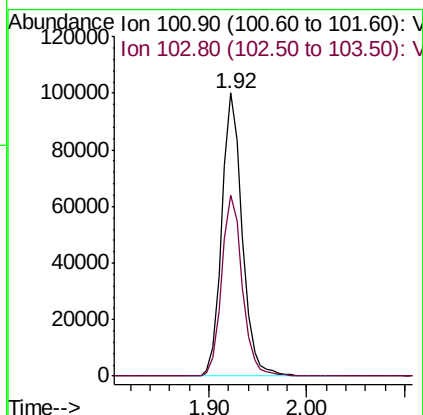
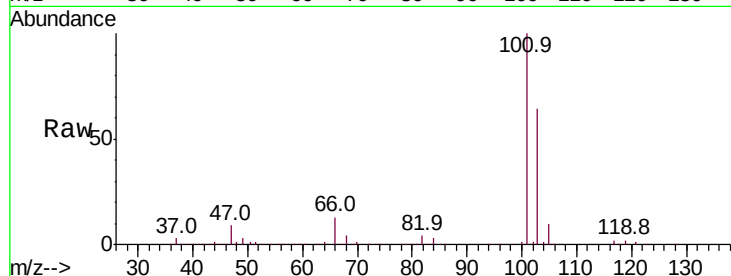
Trichlorofluoromethane
Concen: 44.136 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.3	78.5

Manual Integrations
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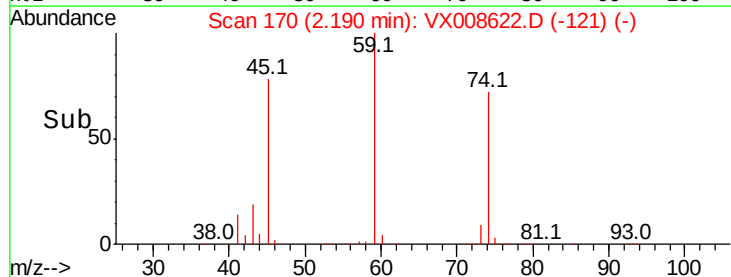
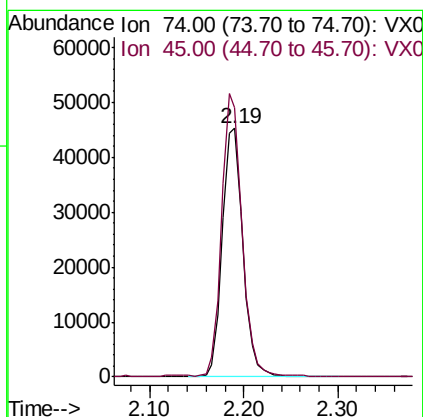
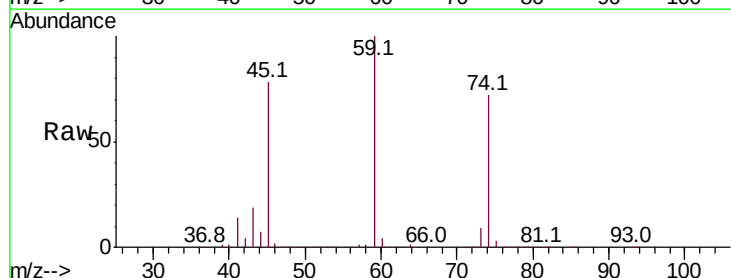
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4/4/2019 3:37:04 PM

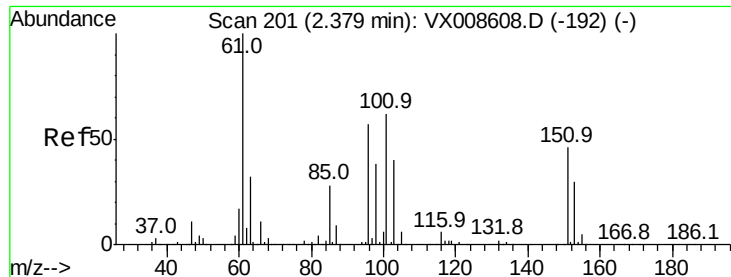


#8

Diethyl Ether
Concen: 44.116 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.7	56.5	169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.638 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

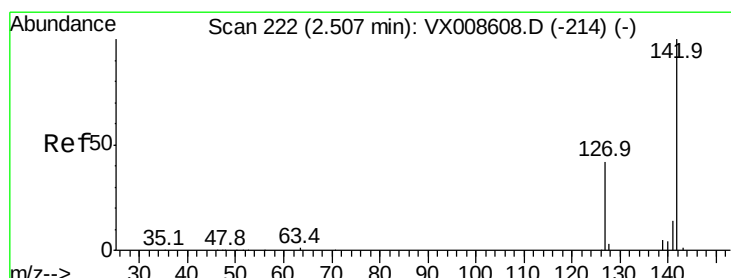
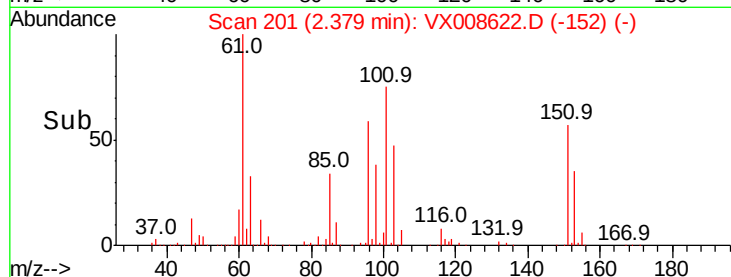
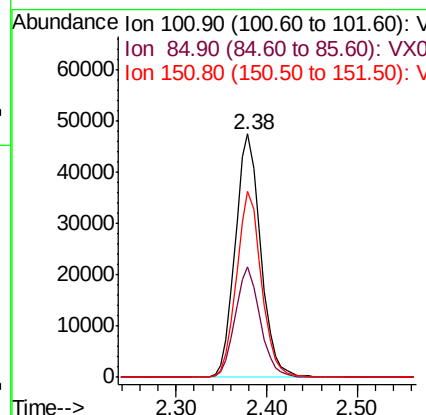
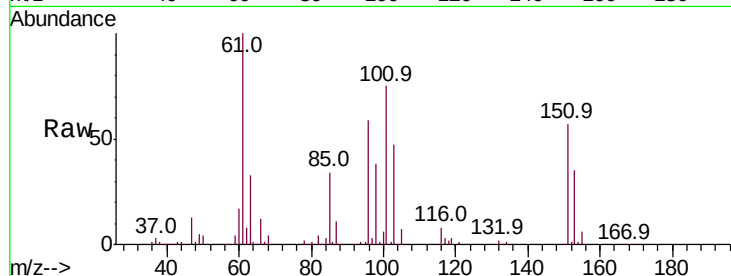
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	92452
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.0	54.0
151	74.7	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 45.588 ug/l

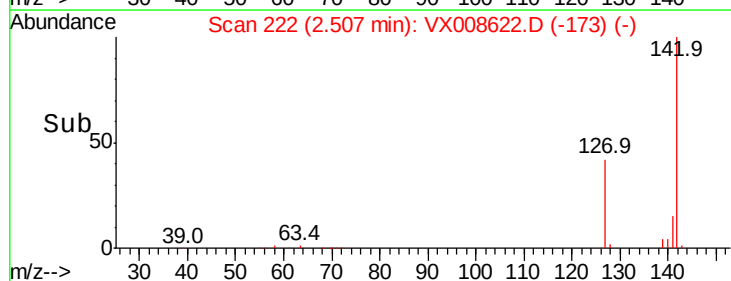
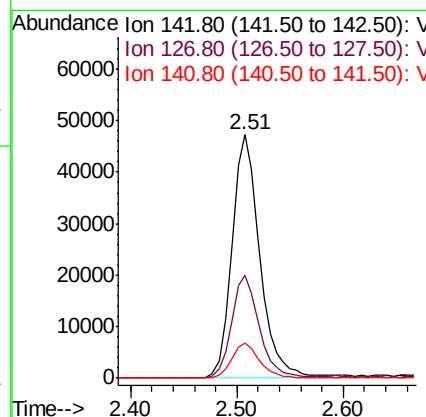
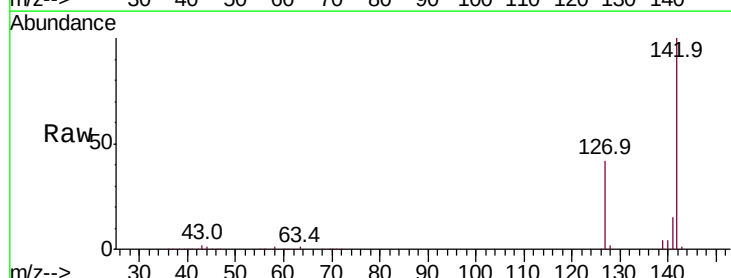
RT: 2.51 min Scan# 222

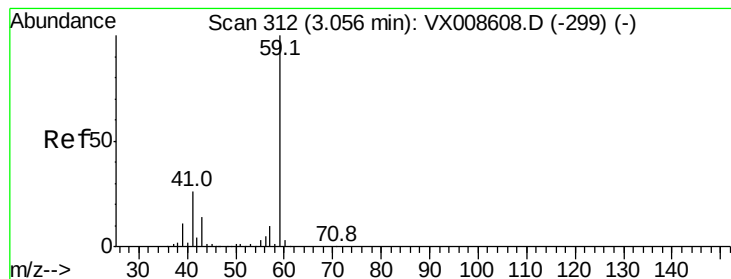
Delta R.T. 0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Tgt Ion:	142	Resp:	87223
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.0	49.6
141	14.6	11.4	17.2





#11

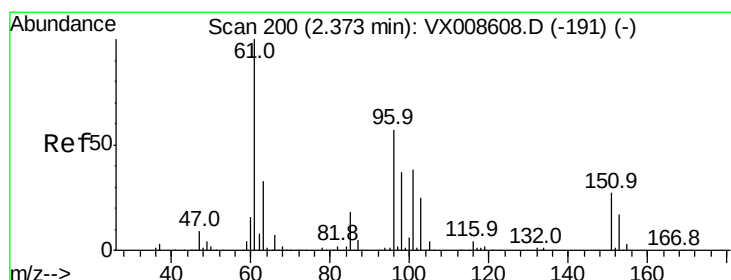
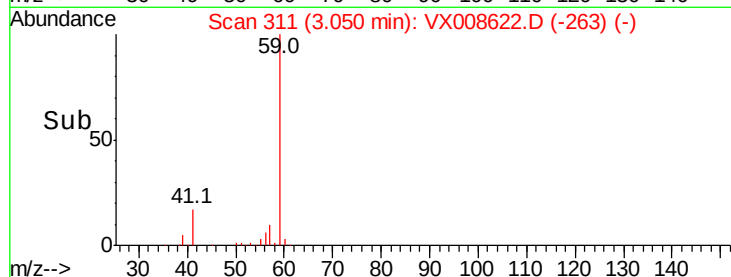
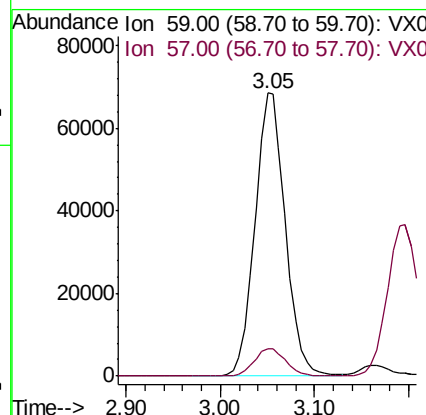
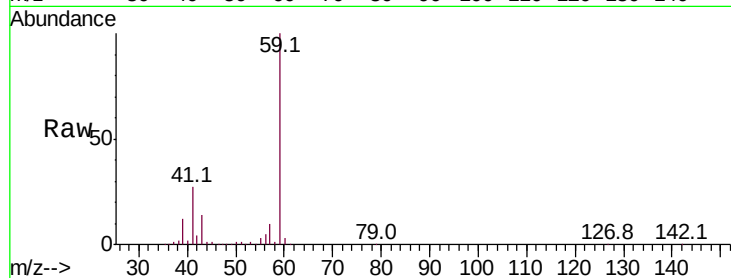
Tert butyl alcohol
Concen: 237.059 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.3	Resp	154858	Lower	8.3	Upper	12.5
Ion	59	57	Ratio	100	10.3	Resp	154858	Lower	8.3	Upper	12.5

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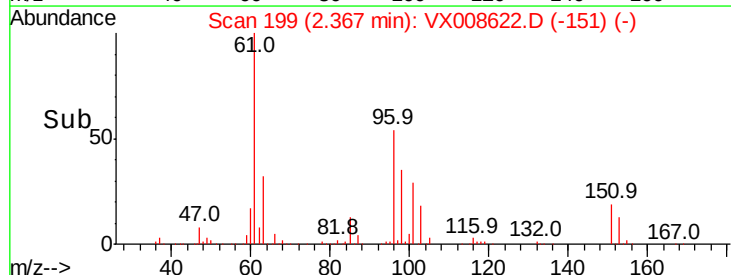
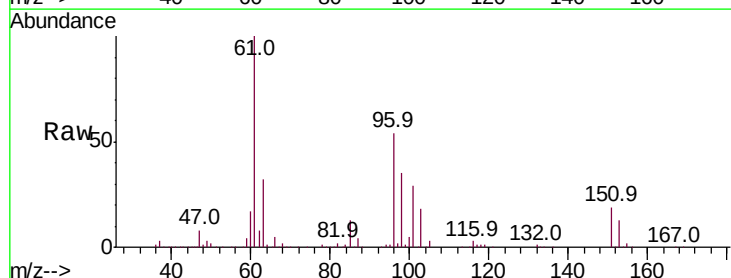
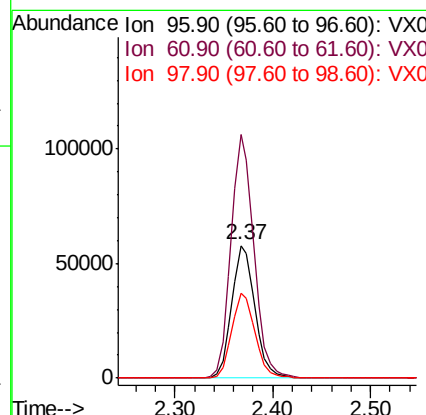
MMDadoda
4/4/2019 3:37:04 PM

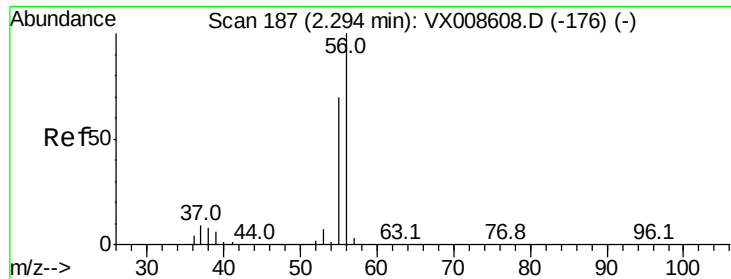


#12

1,1-Dichloroethene
Concen: 43.265 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	96	61	98	Ratio	100	183.9	64.1	Resp	95687	Lower	140.9	52.1	Upper	211.3	78.1
Ion	96	61	98	Ratio	100	183.9	64.1	Resp	95687	Lower	140.9	52.1	Upper	211.3	78.1





#13

Acrolein

Concen: 204.817 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 66343

Ion Ratio Lower Upper

56 100

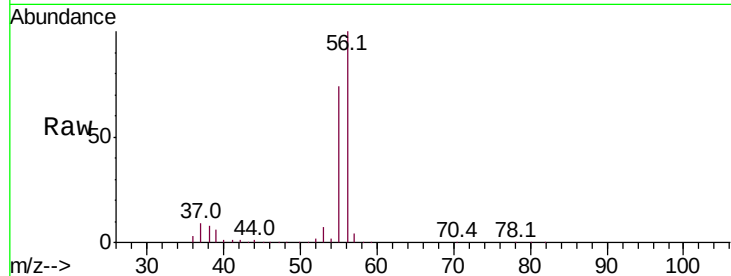
55 71.0 58.0 87.0

Manual Integrations

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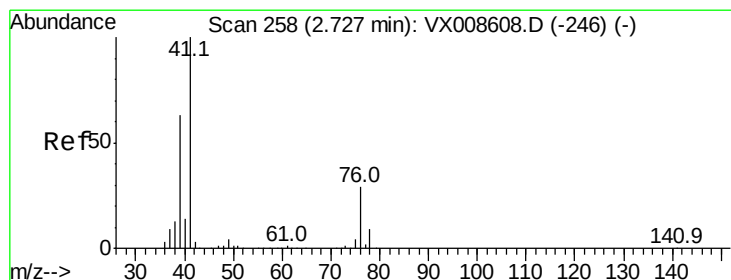
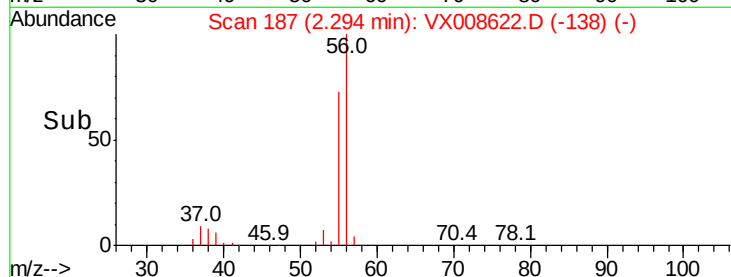
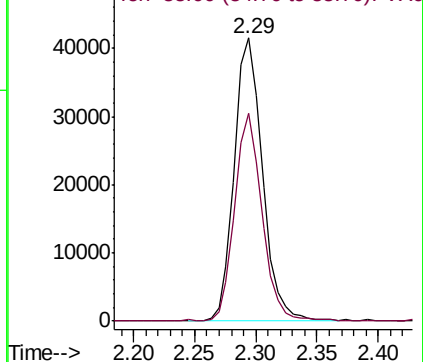
MMDadoda

4/4/2019 3:37:04 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.584 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

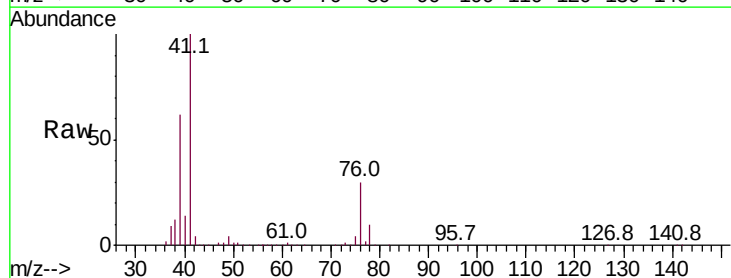
Tgt Ion: 41 Resp: 225729

Ion Ratio Lower Upper

41 100

39 59.6 48.0 72.0

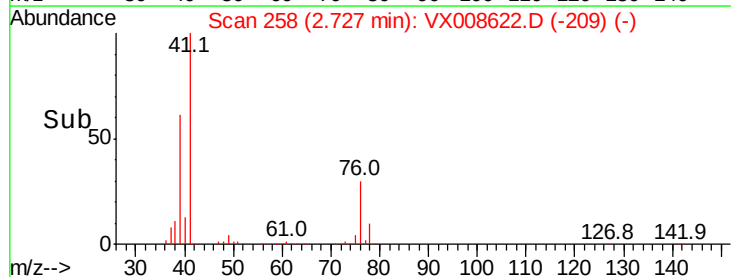
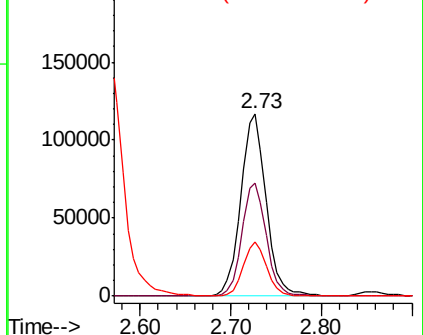
76 27.3 22.0 33.0

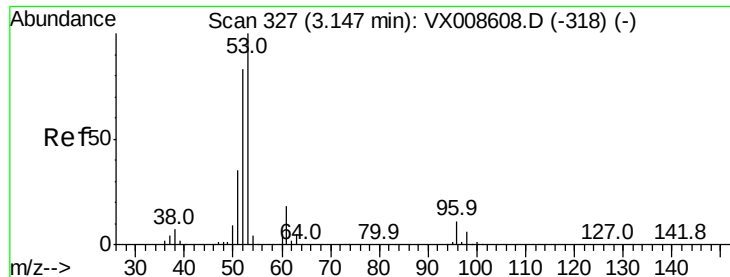


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 227.209 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

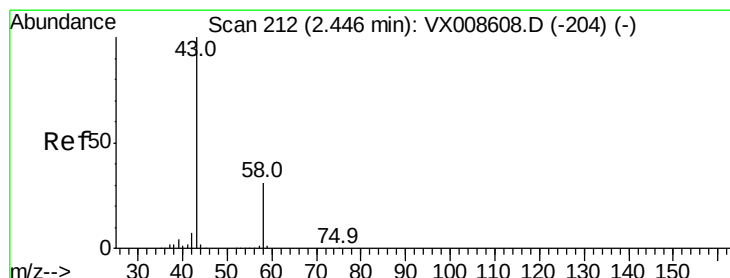
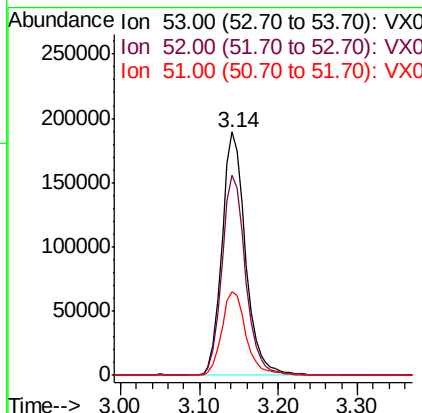
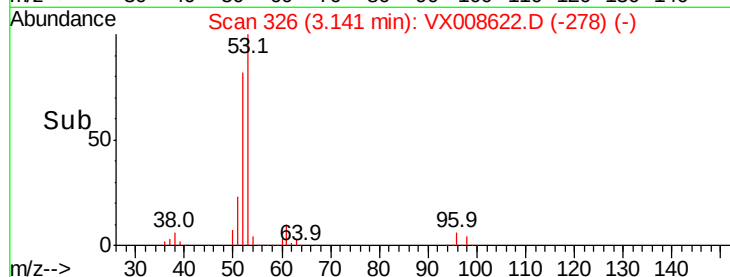
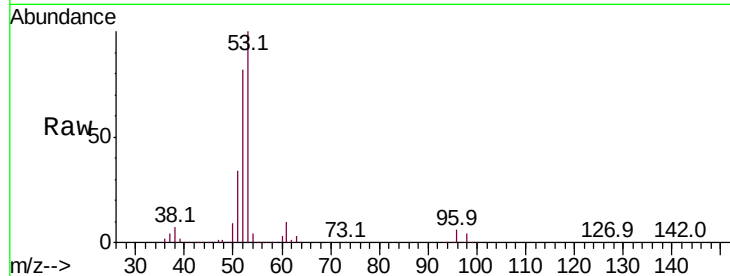
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	393200
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.5	99.7
51	35.3	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 218.055 ug/l

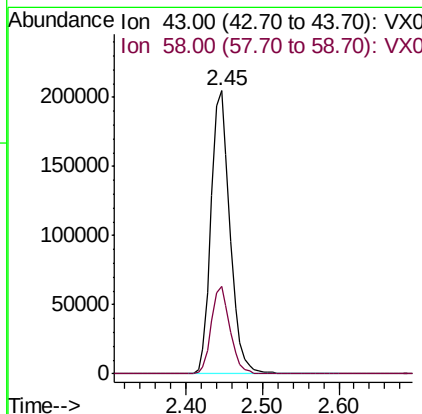
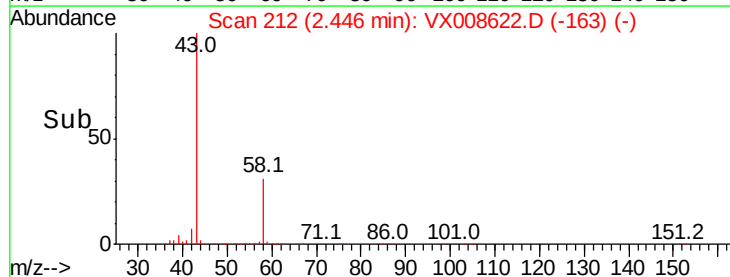
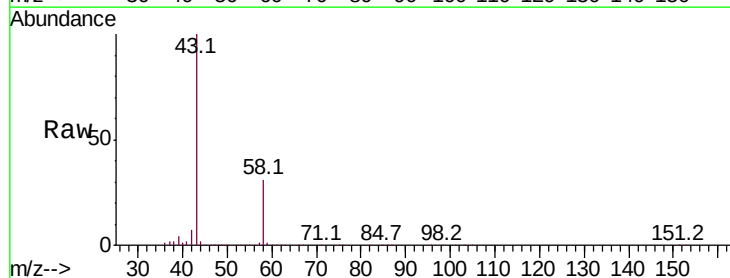
RT: 2.45 min Scan# 212

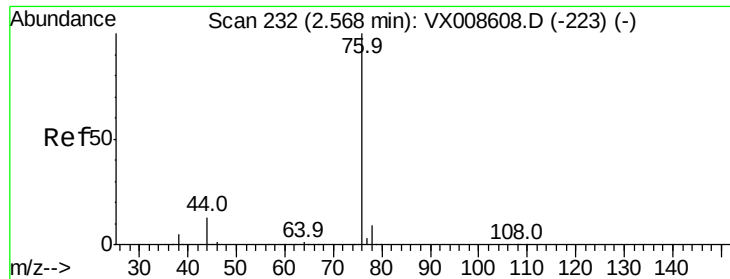
Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Tgt Ion:	43	Resp:	350444
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.8	37.2





#17

Carbon Disulfide

Concen: 44.691 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Tot Ion: 76 Resp: 285929

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

Instrument :

MSVOA_X

ClientSampleId :

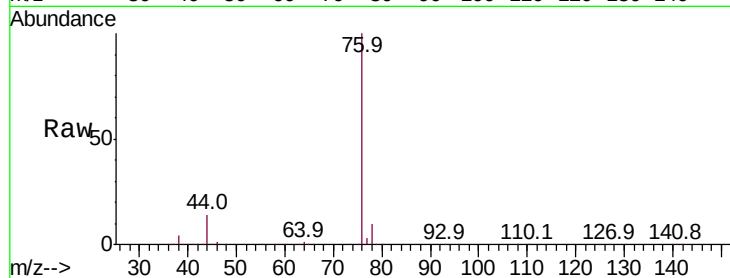
VSTDCCC050EC

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

150000

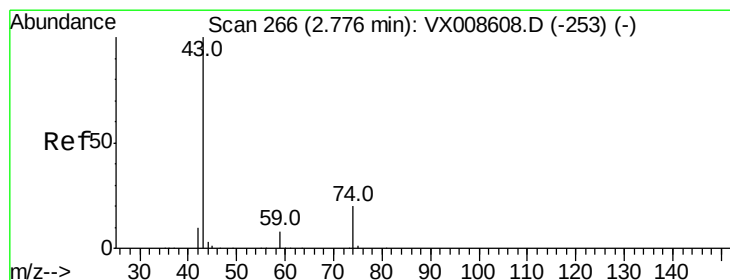
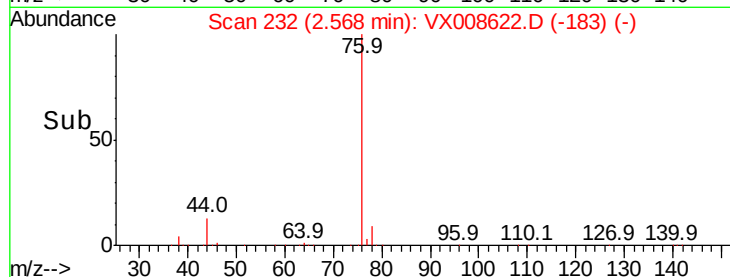
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 43.534 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008622.D

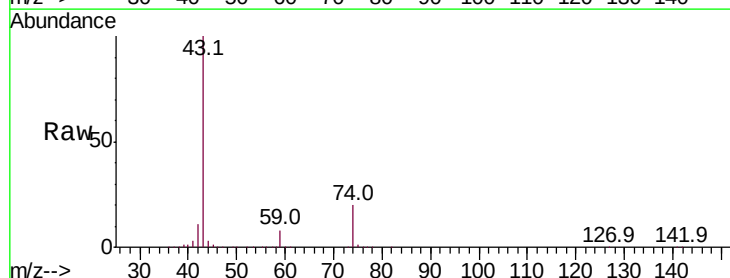
Acq: 03 Apr 2019 19:17

Tgt Ion: 43 Resp: 169685

Ion Ratio Lower Upper

43 100

74 20.6 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

60000

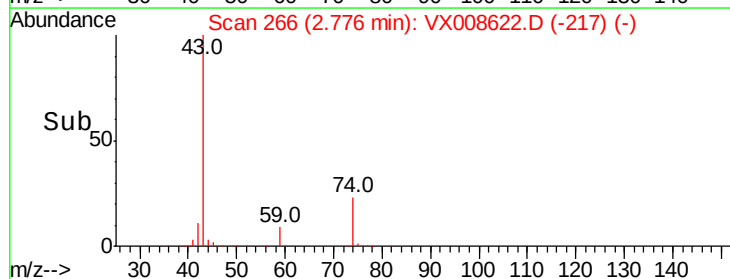
40000

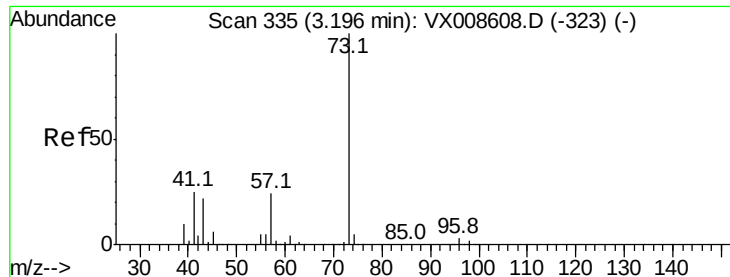
20000

0

Time-->

2.70 2.80 2.90





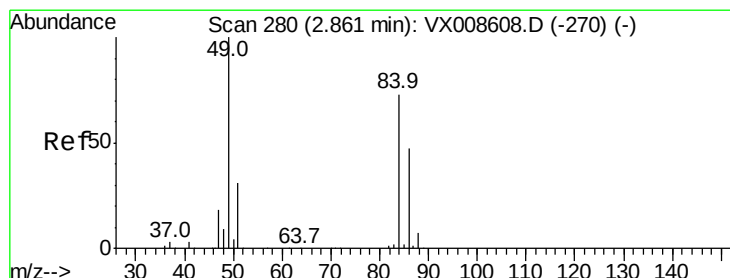
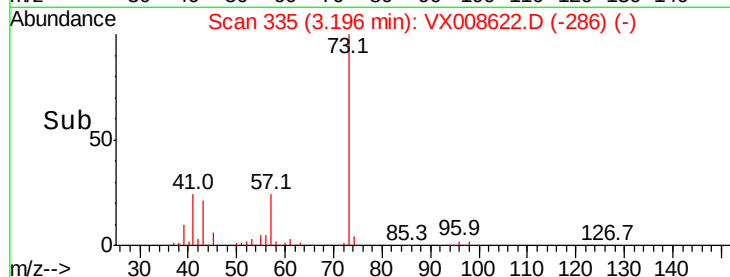
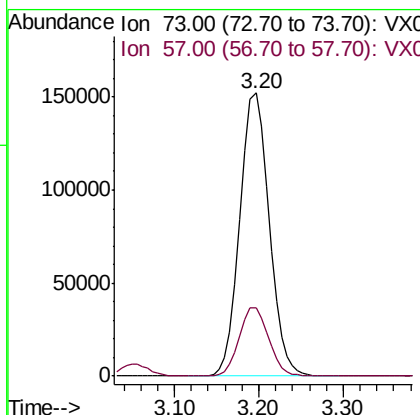
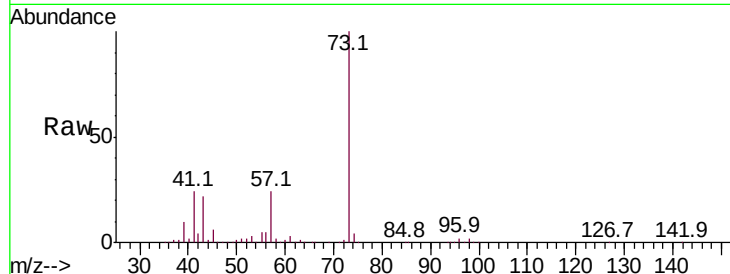
#19
Methyl tert-butyl Ether
Concen: 45.455 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.5	29.3

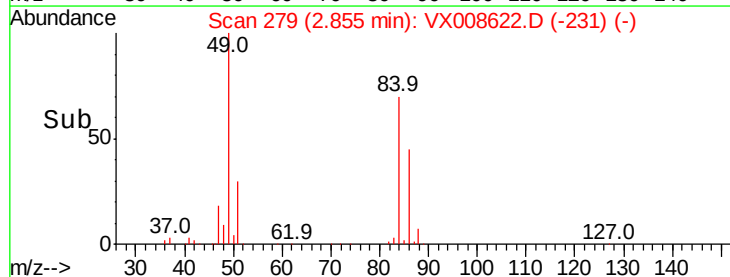
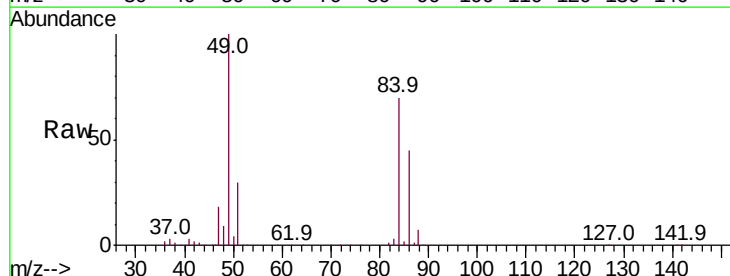
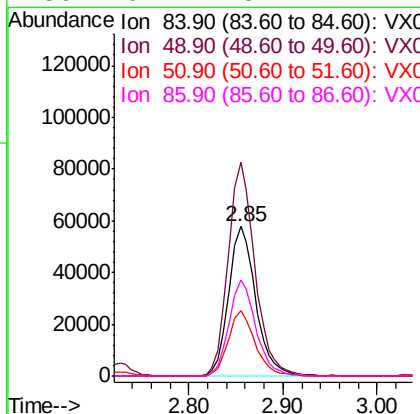
Manual Integrations
APPROVED

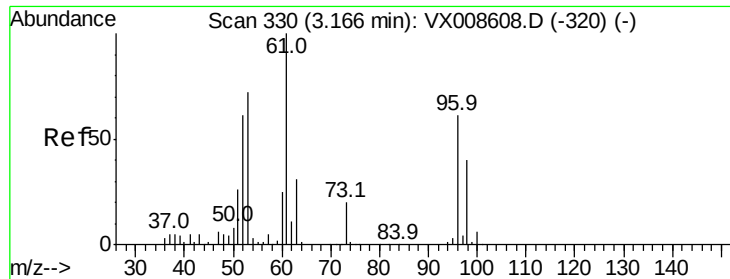
MMDadoda
4/4/2019 3:37:04 PM



#20
Methylene Chloride
Concen: 43.015 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.8	109.7	164.5
51	43.2	33.6	50.4
86	64.4	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 42.956 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 102763

Ion Ratio Lower Upper

96 100

61 158.0 132.1 198.1

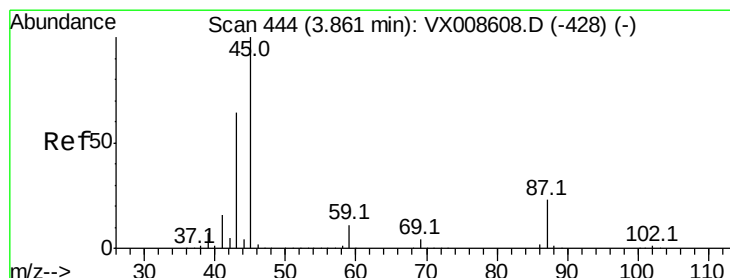
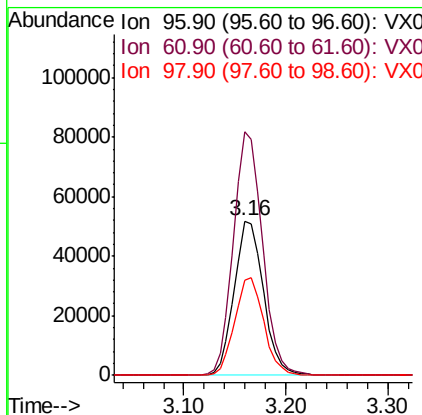
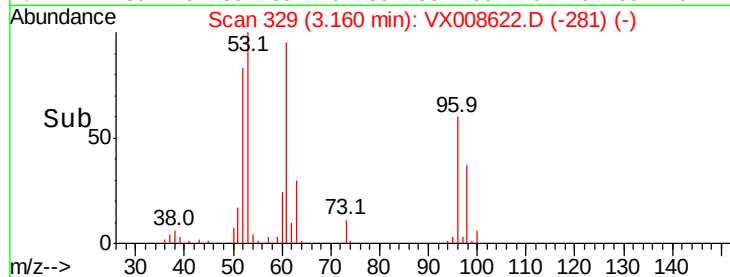
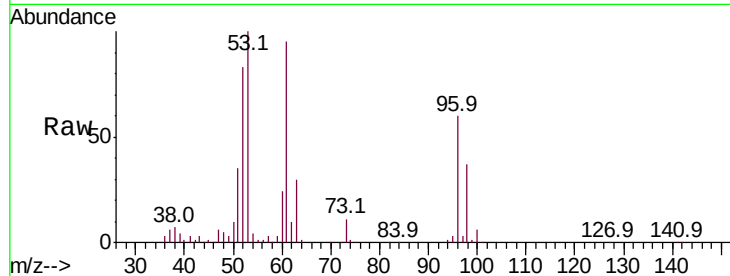
98 62.0 52.2 78.2

Manual Integrations

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4/4/2019 3:37:04 PM



#22

Diisopropyl ether

Concen: 44.466 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Tgt Ion: 45 Resp: 433924

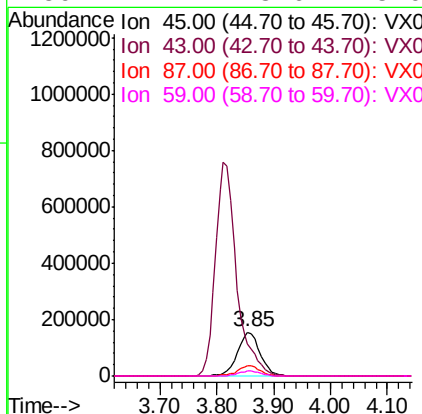
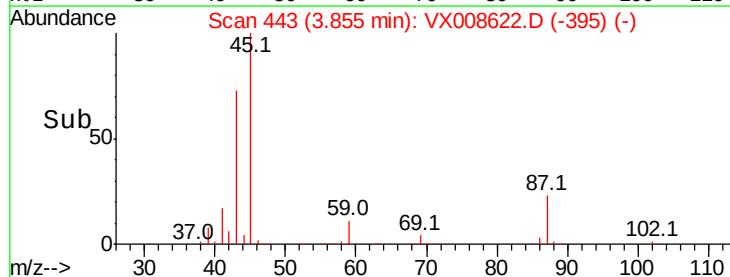
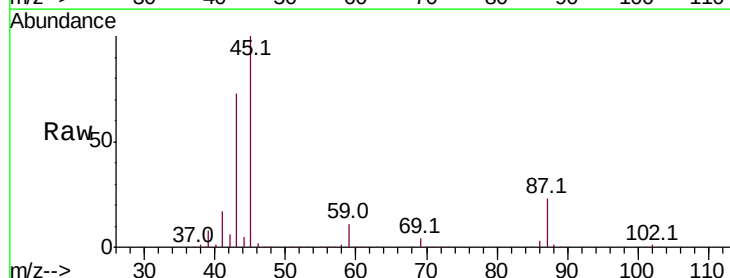
Ion Ratio Lower Upper

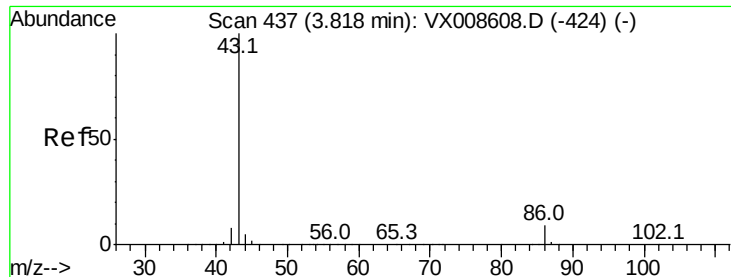
45 100

43 72.9 51.3 76.9

87 22.8 18.1 27.1

59 11.2 8.6 13.0





#23

Vinyl Acetate

Concen: 231.294 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1963528

Ion Ratio Lower Upper

43 100

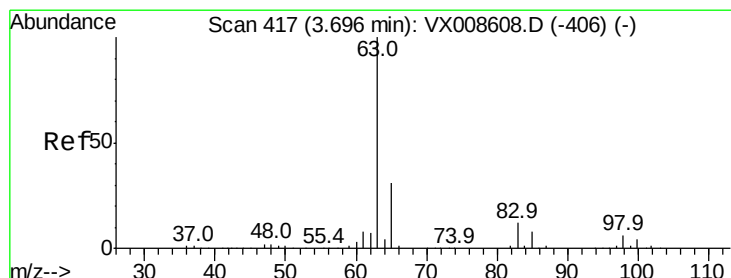
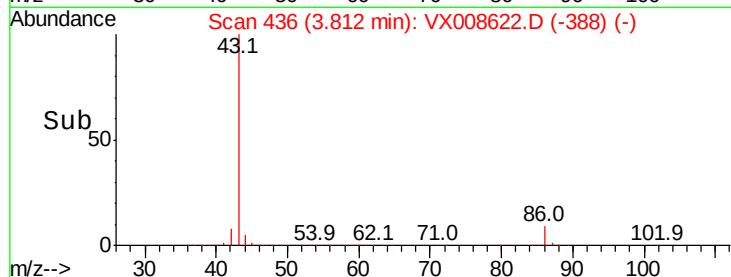
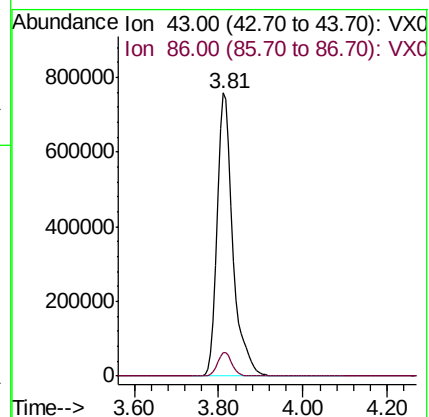
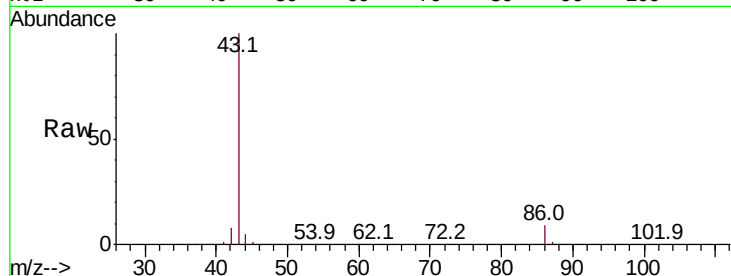
86 8.5 7.0 10.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 44.587 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

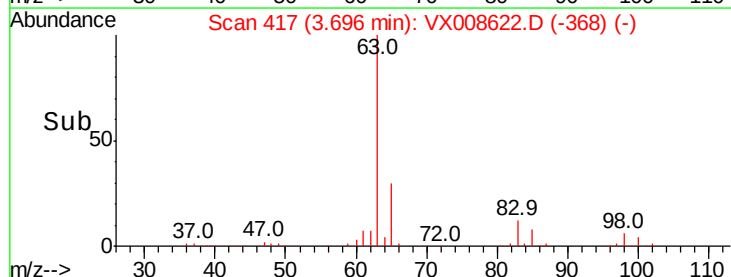
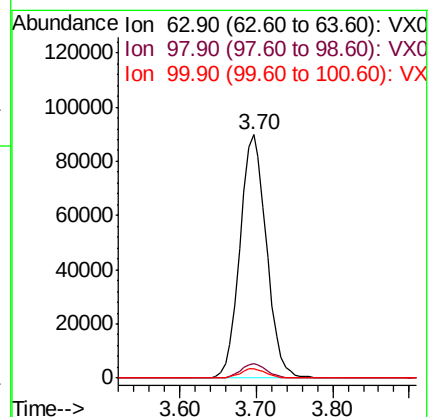
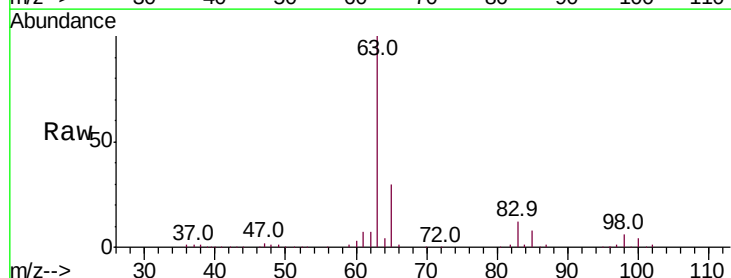
Tgt Ion: 63 Resp: 215424

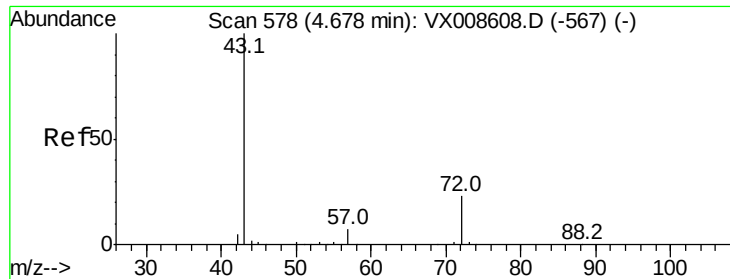
Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 4.1 1.8 5.5





#25

2-Butanone

Concen: 229.268 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 582370

Ion Ratio Lower Upper

43 100

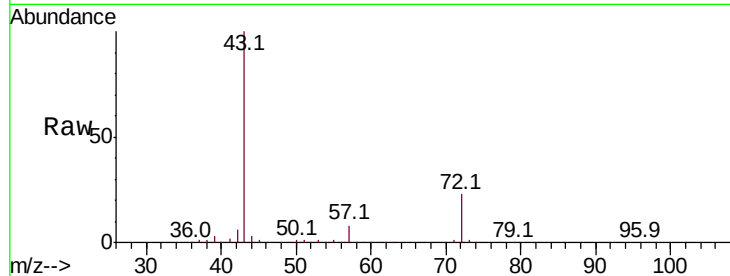
72 22.8 18.2 27.4

Manual Integrations

APPROVED

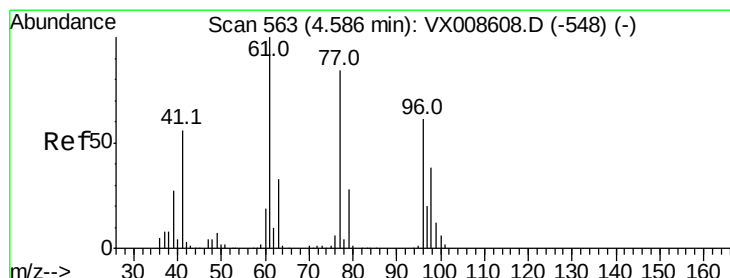
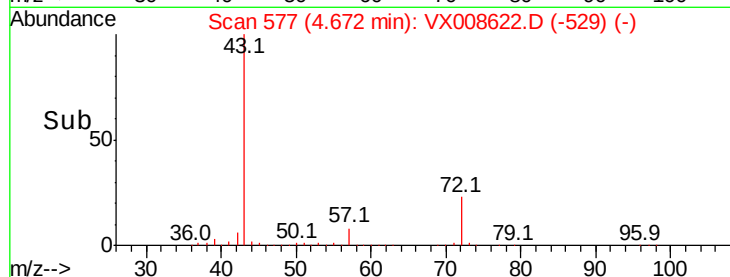
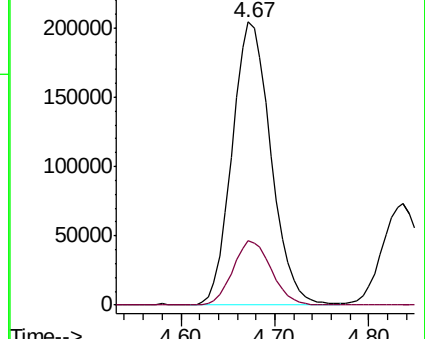
MMDadoda

4/4/2019 3:37:04 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.096 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008622.D

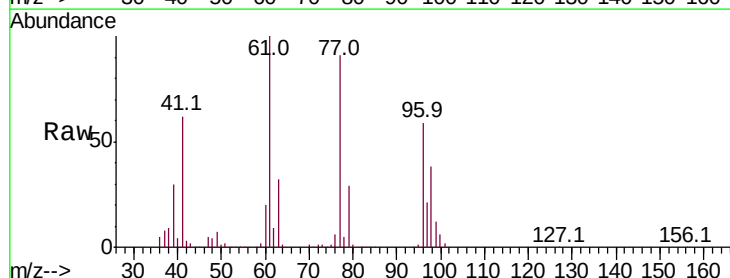
Acq: 03 Apr 2019 19:17

Tgt Ion: 77 Resp: 146654

Ion Ratio Lower Upper

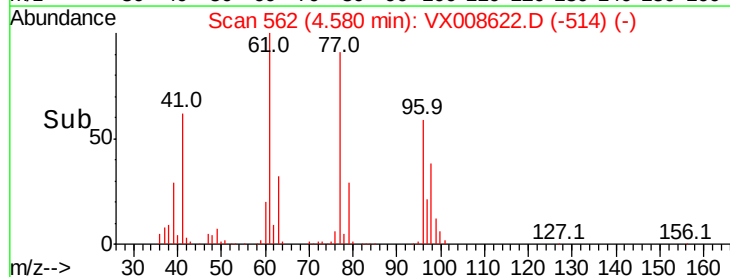
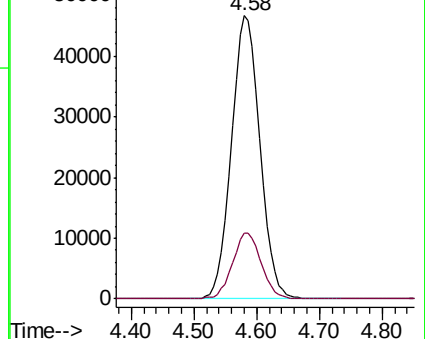
77 100

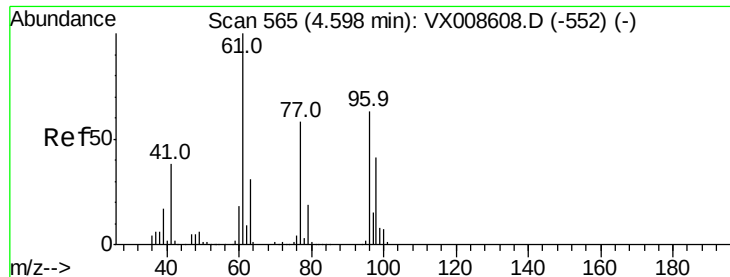
97 23.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

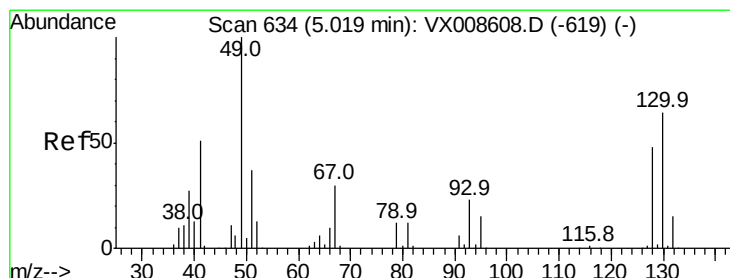
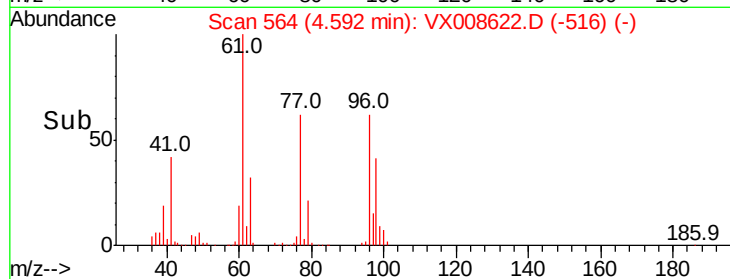
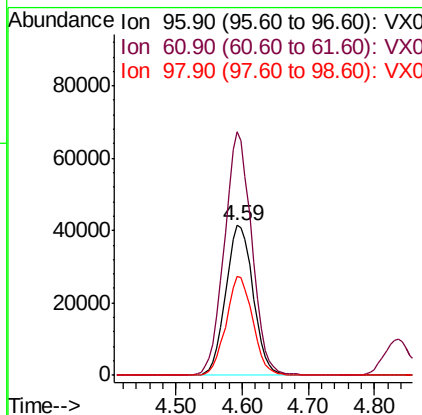
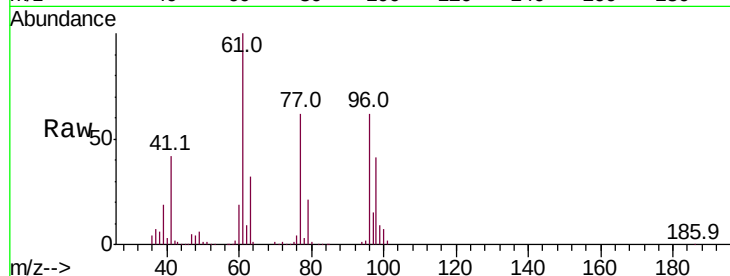
cis-1,2-Dichloroethene
Concen: 43.385 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	119329		
61	161.8	0.0	327.6	
98	64.3	0.0	128.6	

Manual Integrations
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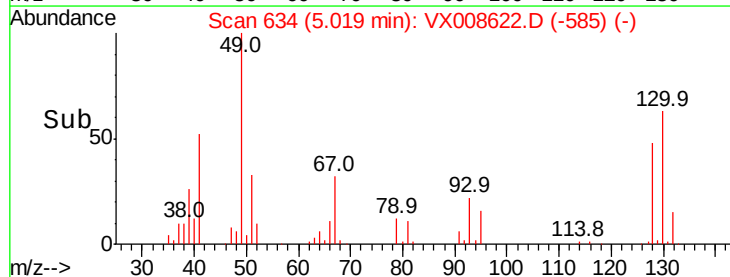
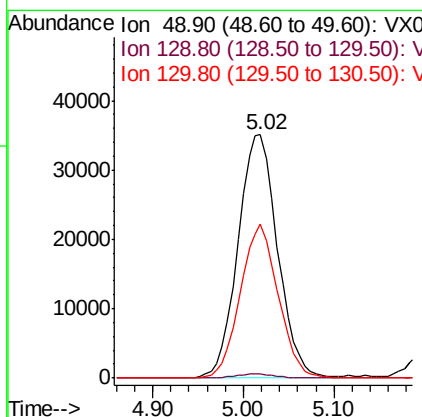
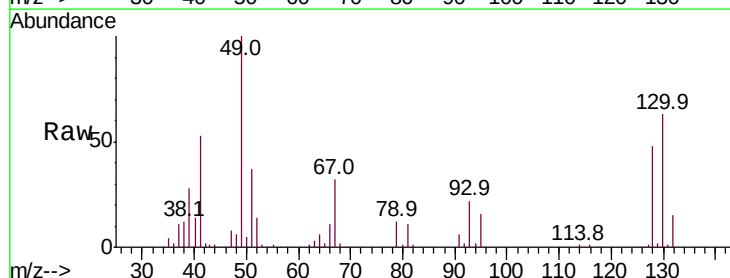
MMDadoda
4/4/2019 3:37:04 PM

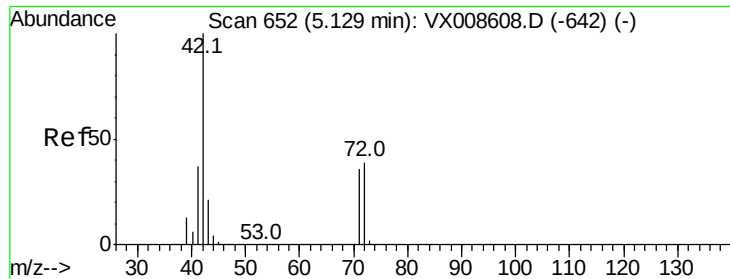


#28

Bromochloromethane
Concen: 52.764 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106153		
129	1.7	0.0	3.6	
130	60.8	49.3	73.9	





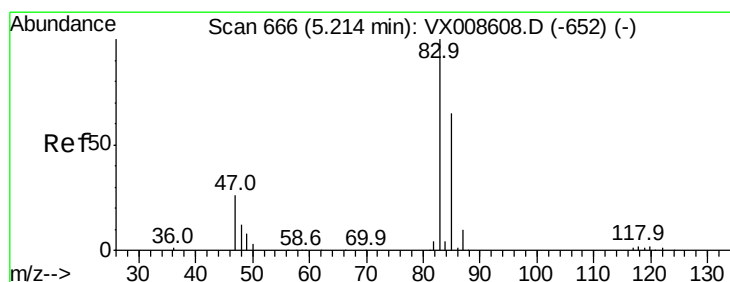
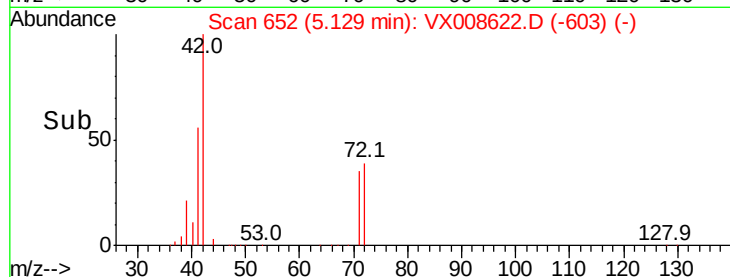
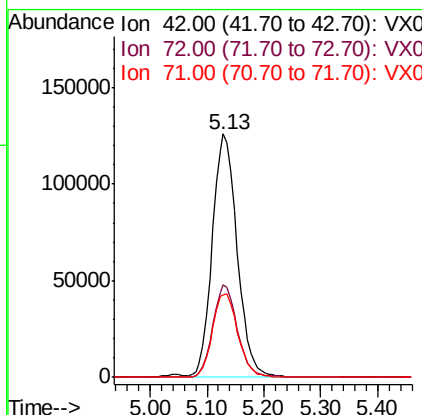
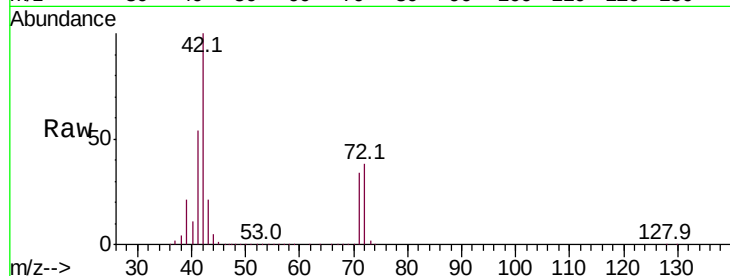
#29
Tetrahydrofuran
Concen: 225.675 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.8	30.5	45.7
71	35.5	28.6	43.0

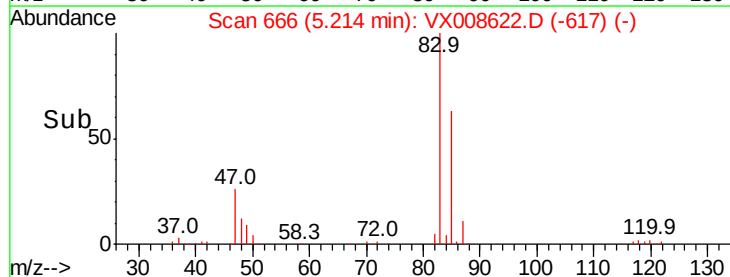
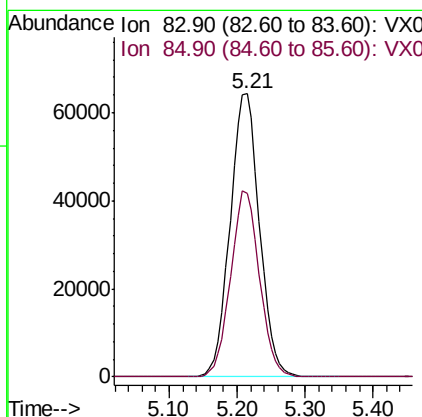
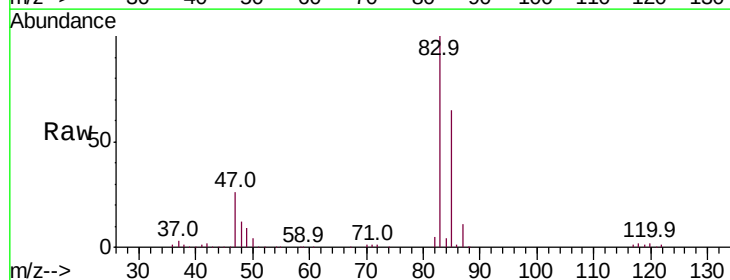
Manual Integrations
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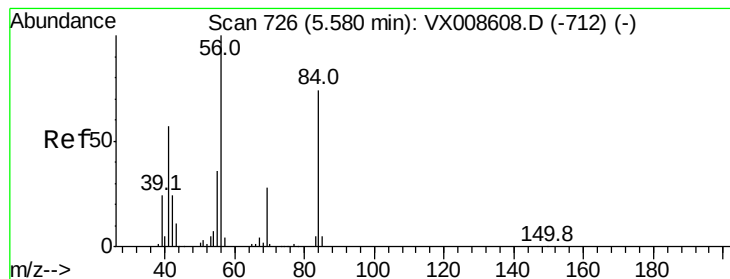
MMDadoda
4/4/2019 3:37:04 PM



#30
Chloroform
Concen: 44.606 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.1	78.1





#31

Cyclohexane

Concen: 43.442 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

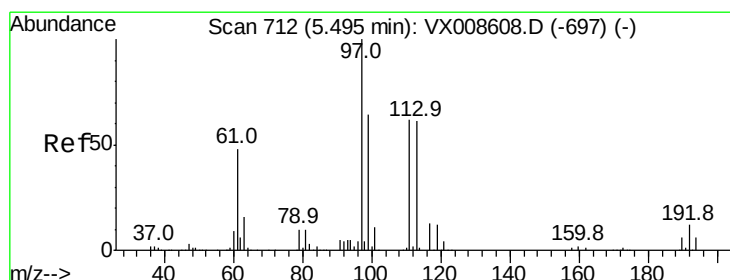
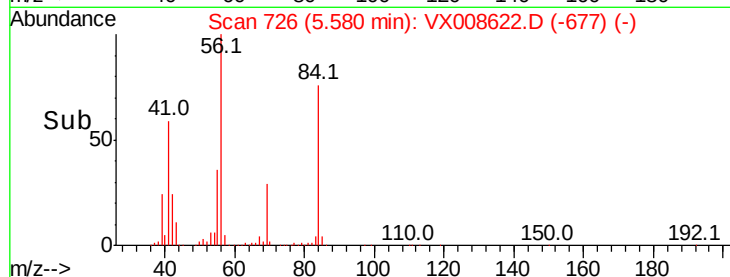
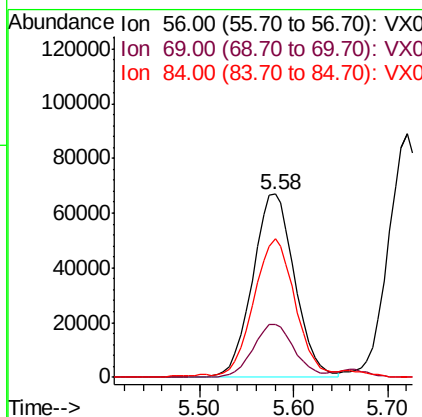
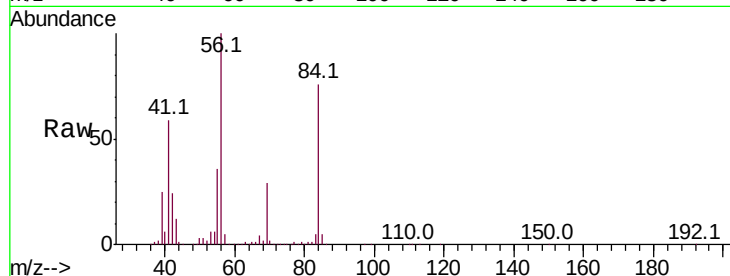
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	209438
Ion	Ratio	Lower	Upper
56	100		
69	29.2	22.6	33.8
84	74.9	59.3	88.9

Manual Integrations
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4/4/2019 3:37:04 PM



#32

1,1,1-Trichloroethane

Concen: 45.145 ug/l

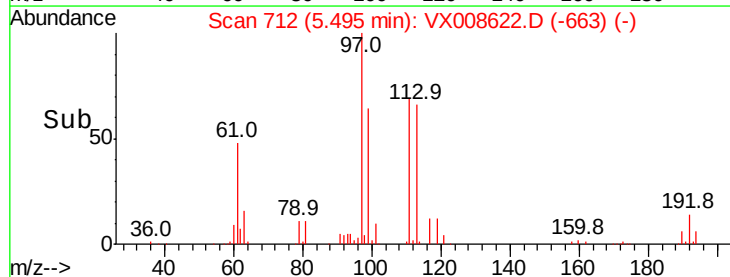
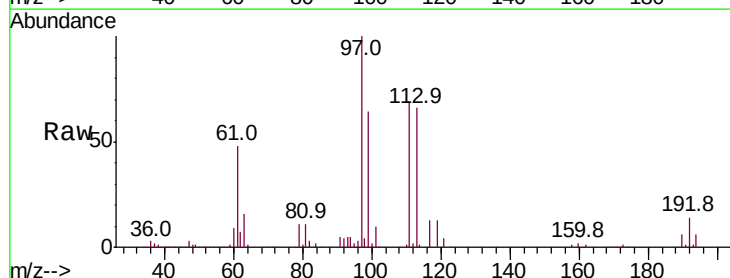
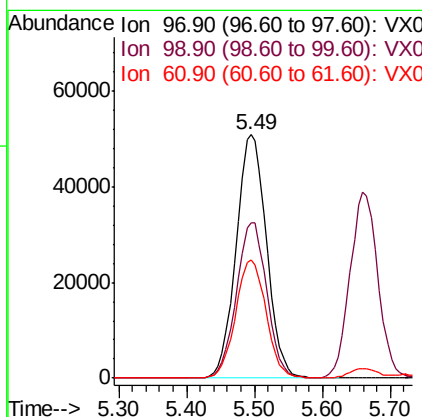
RT: 5.49 min Scan# 712

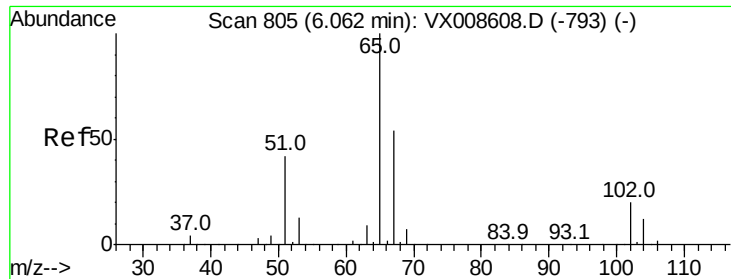
Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Tgt Ion:	97	Resp:	157432
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	48.9	38.9	58.3





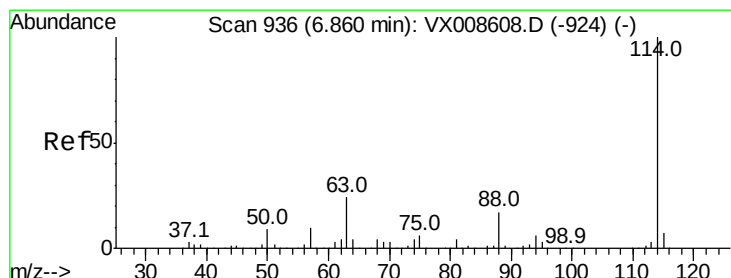
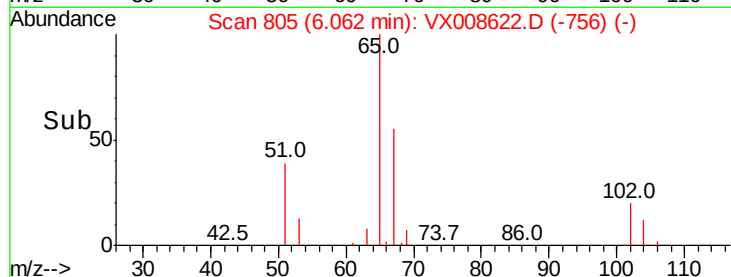
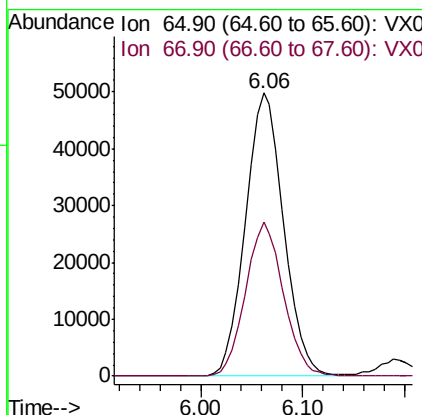
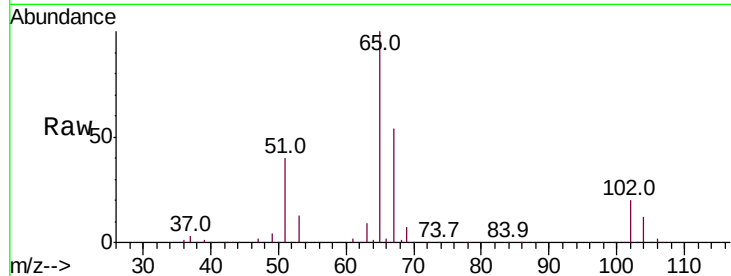
#33
 1,2-Dichloroethane-d4
 Concen: 46.493 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.2

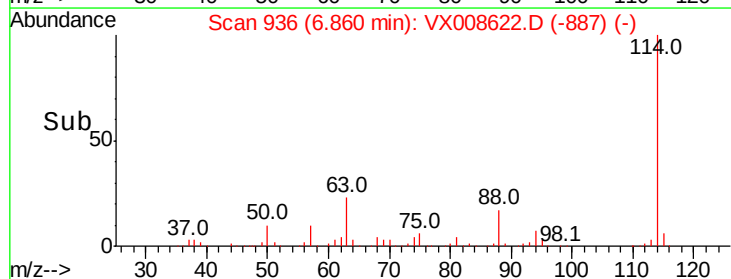
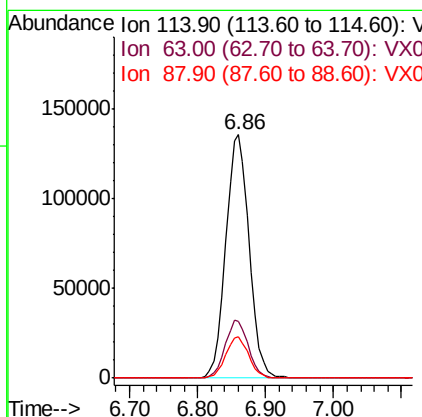
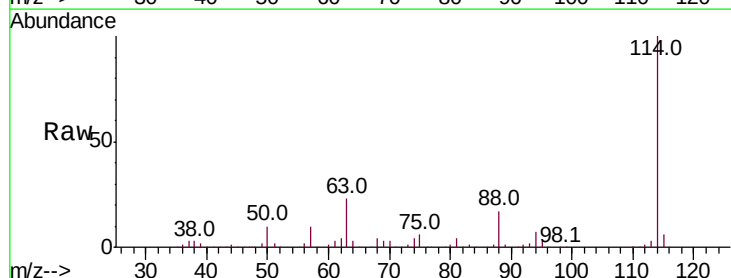
Manual Integrations
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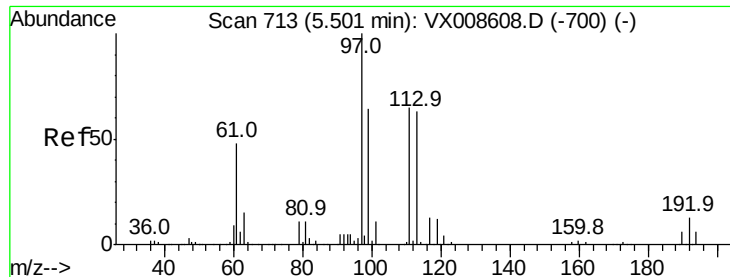
MMDadoda
 4/4/2019 3:37:04 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	47.2
88	16.9	0.0	34.0





#35

Dibromofluoromethane

Concen: 46.496 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

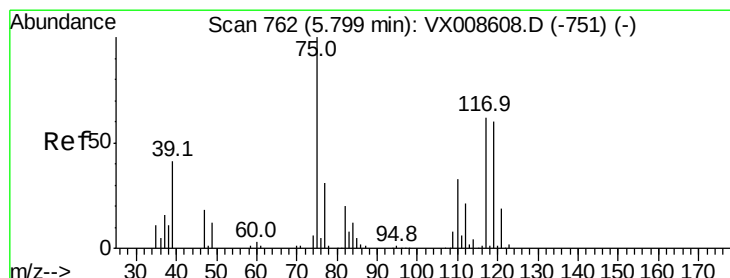
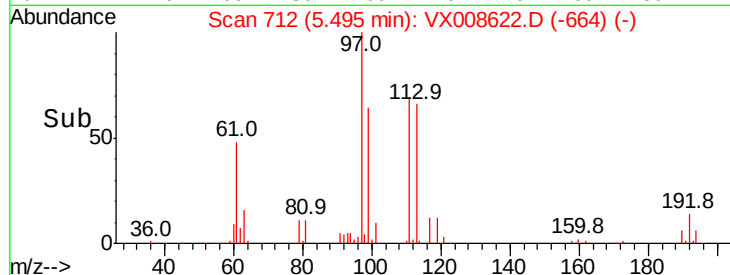
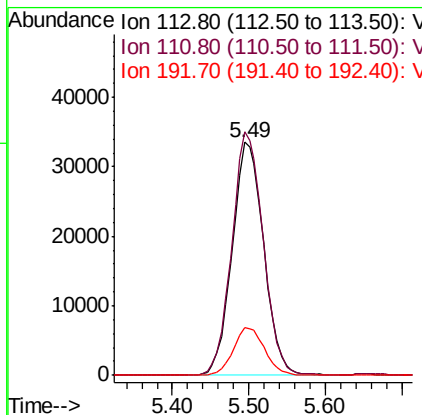
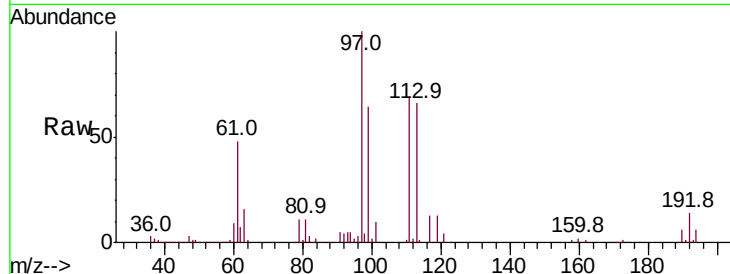
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	95767
Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.2
192	20.4	16.1	24.1

Manual Integrations
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4/4/2019 3:37:04 PM



#36

1,1-Dichloropropene

Concen: 42.948 ug/l

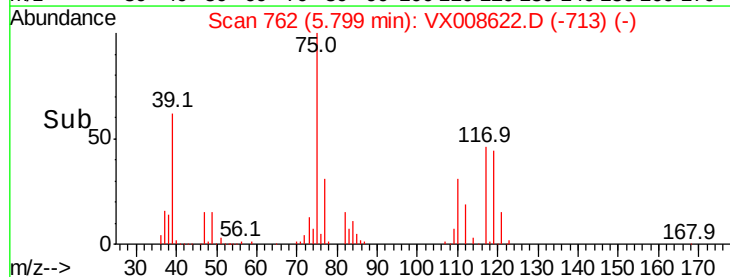
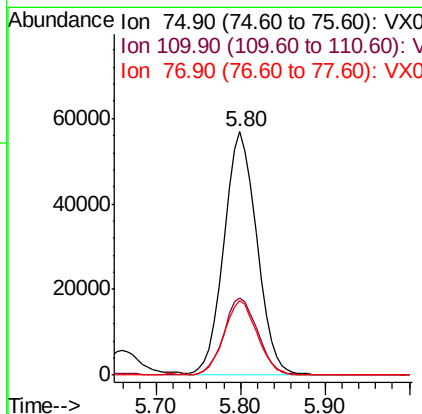
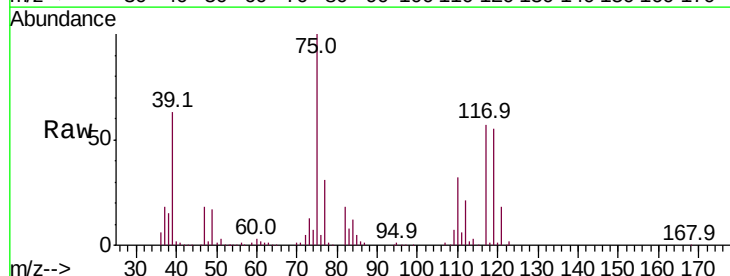
RT: 5.80 min Scan# 762

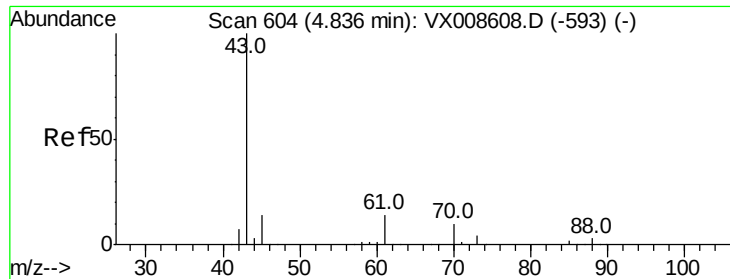
Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Tgt Ion:	75	Resp:	151237
Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.4	49.2
77	31.0	24.7	37.1





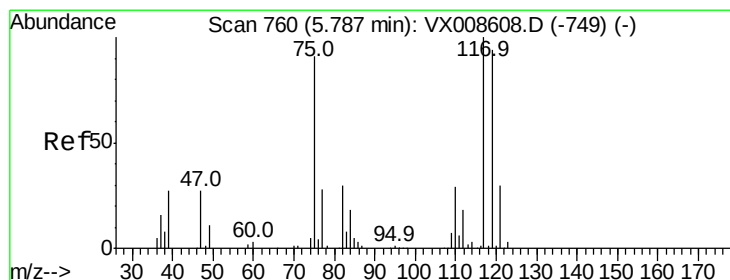
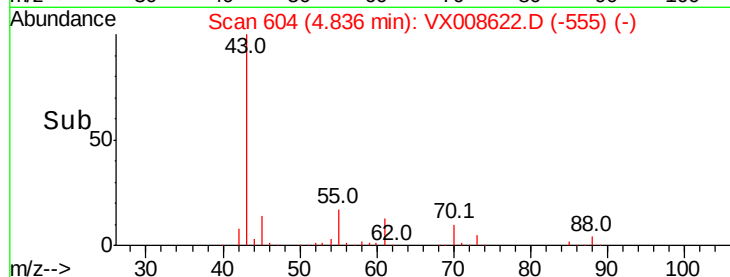
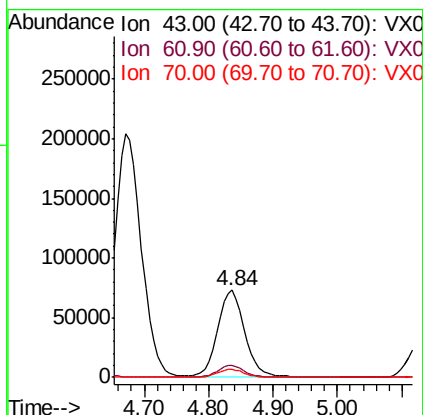
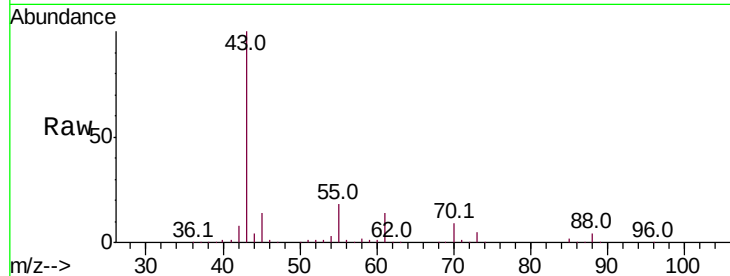
#37
Ethyl Acetate
Concen: 46.010 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	216264
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.3	15.5
70	9.4	7.6	11.4

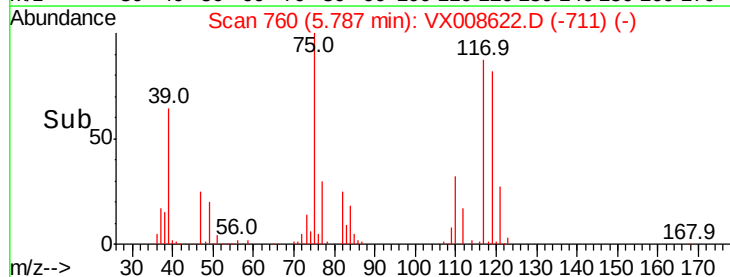
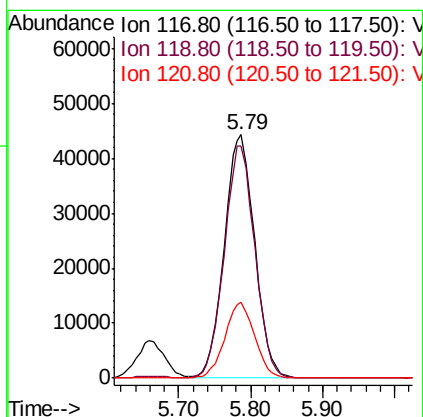
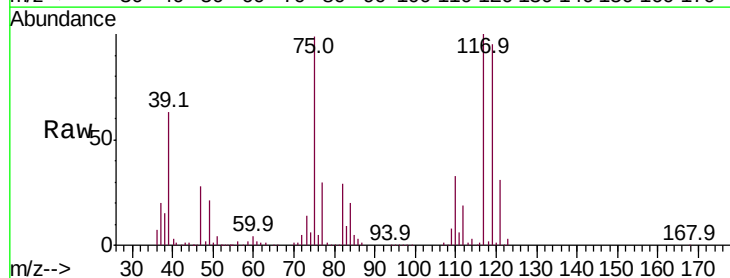
Manual Integrations
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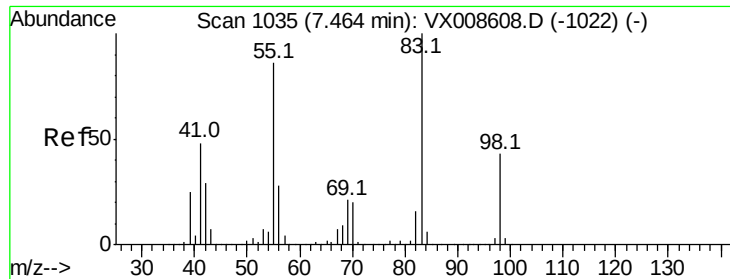
MMDadoda
4/4/2019 3:37:04 PM



#38
Carbon Tetrachloride
Concen: 44.704 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion:	117	Resp:	130291
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.0	112.6
121	31.1	24.3	36.5





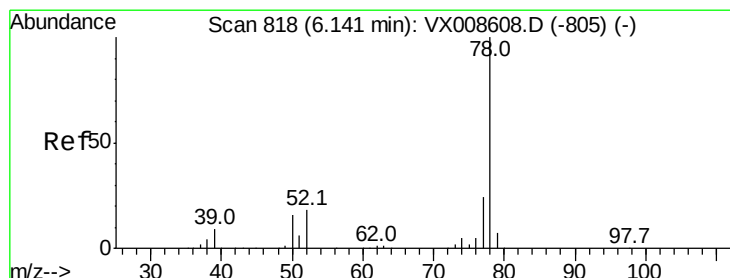
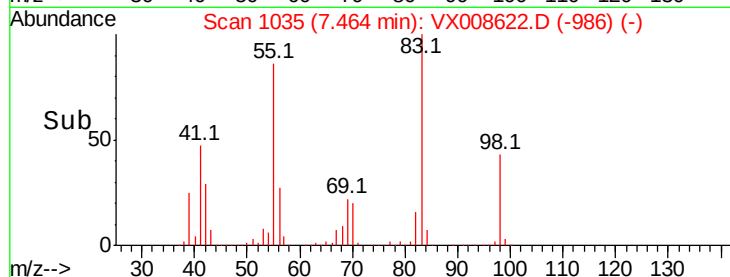
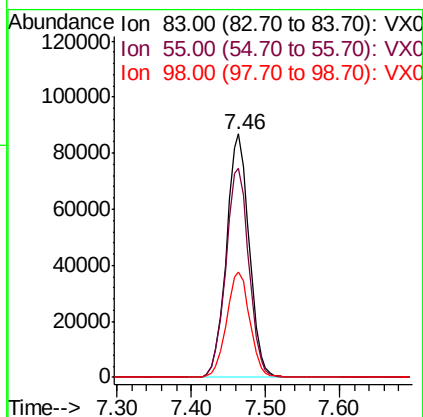
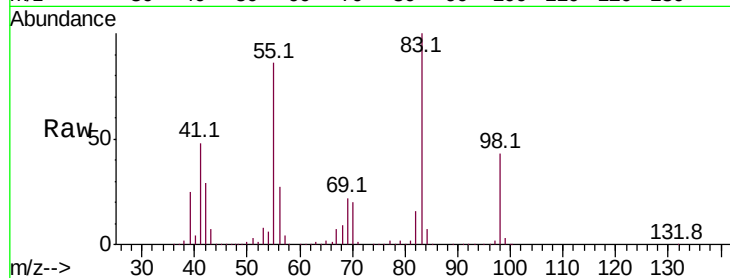
#39
Methylvlcyclohexane
Concen: 42.635 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.8	69.0	103.6
98	43.1	34.4	51.6

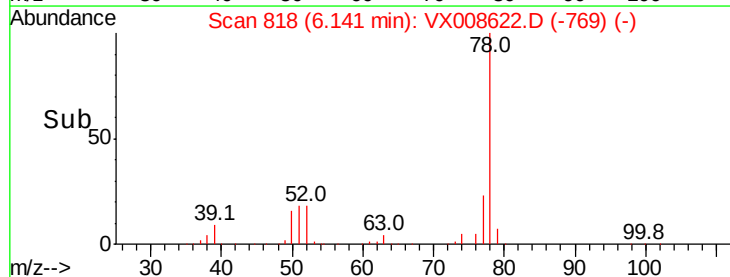
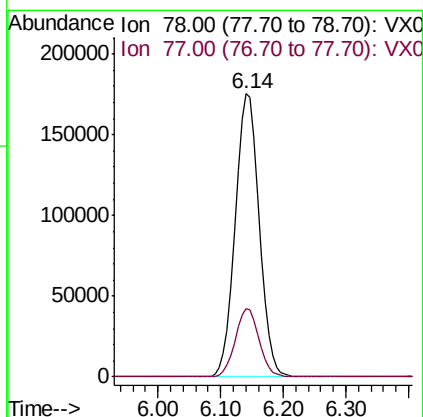
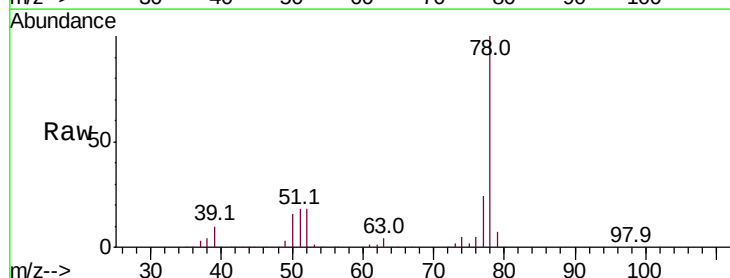
Manual Integrations
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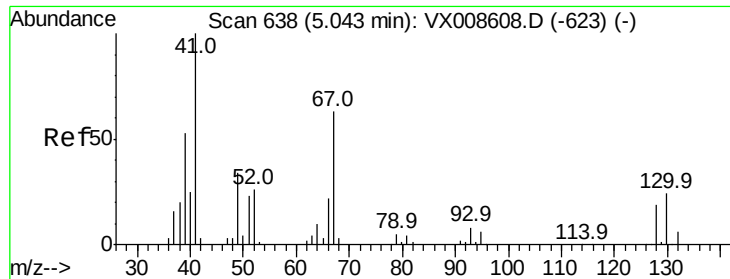
MMDadoda
4/4/2019 3:37:04 PM



#40
Benzene
Concen: 44.295 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





#41

Methacrylonitrile

Concen: 45.067 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 121762

Ion Ratio Lower Upper

41 100

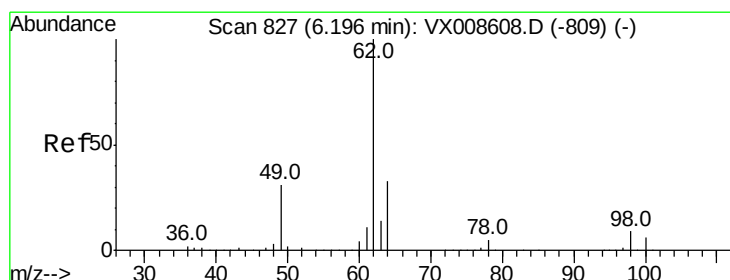
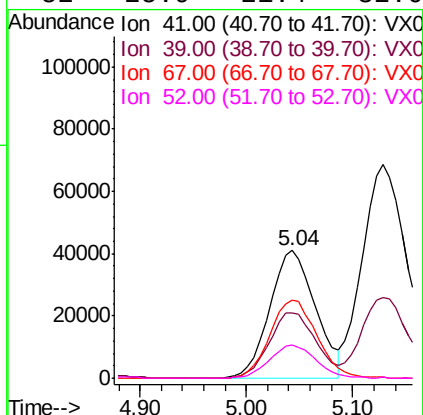
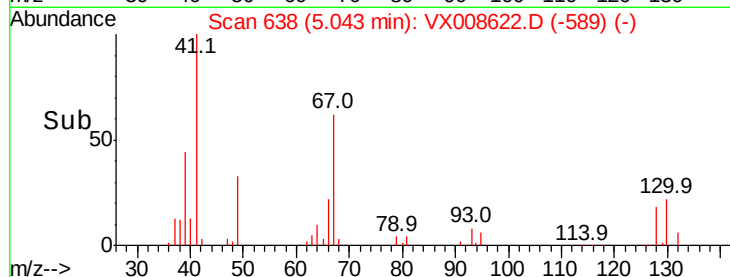
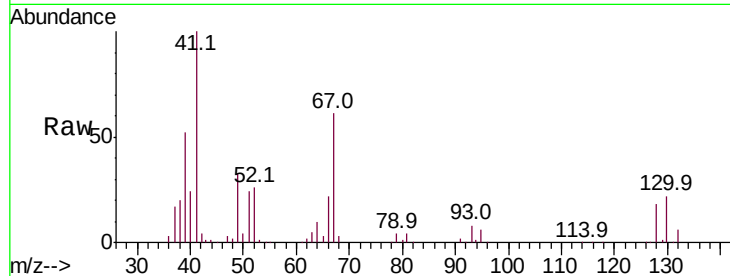
39 52.4 42.1 63.1

67 63.4 51.0 76.6

52 25.9 21.4 32.0

Manual Integrations
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4/4/2019 3:37:04 PM



#42

1,2-Dichloroethane

Concen: 43.853 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008622.D

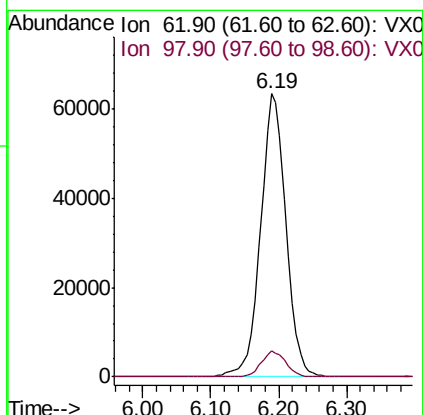
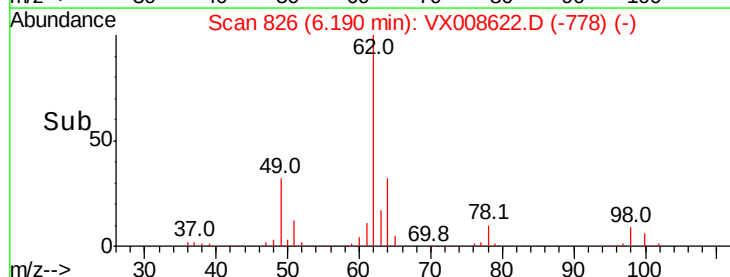
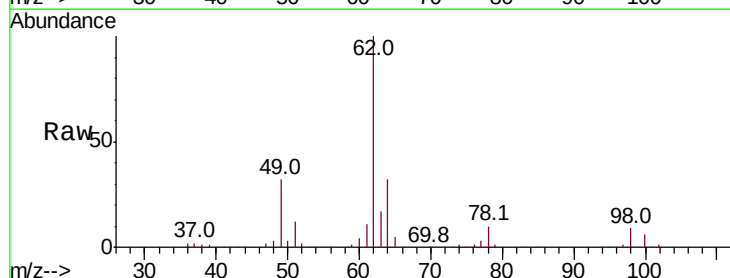
Acq: 03 Apr 2019 19:17

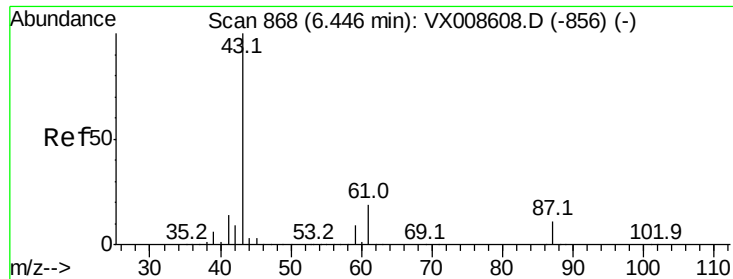
Tgt Ion: 62 Resp: 164926

Ion Ratio Lower Upper

62 100

98 8.8 0.0 18.0





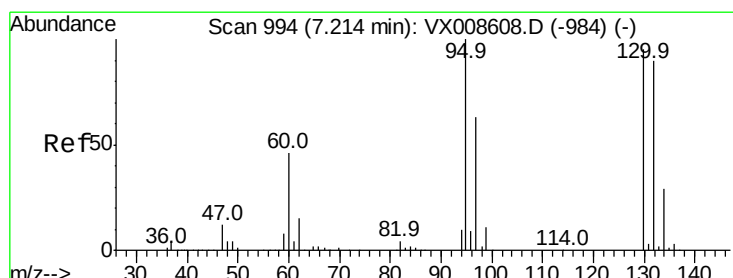
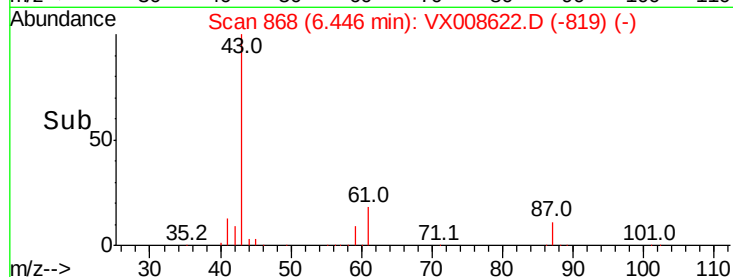
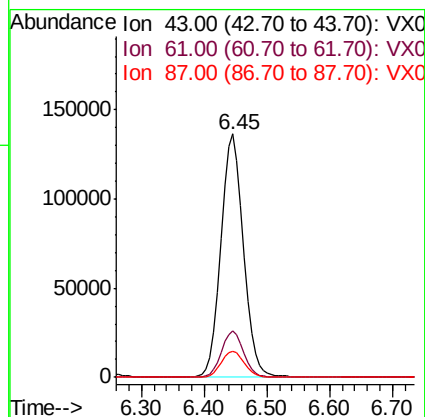
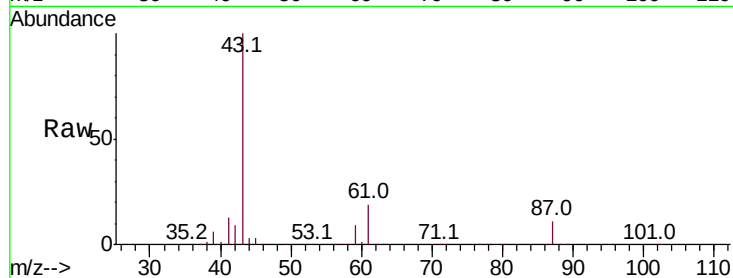
#43
Isopropyl Acetate
Concen: 45.988 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	61	87
Ion	43	61	87
Ratio	100	19.0	11.2
Lower		15.3	9.0
Upper		22.9	13.6

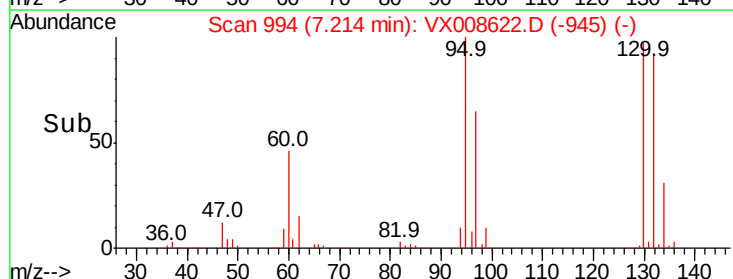
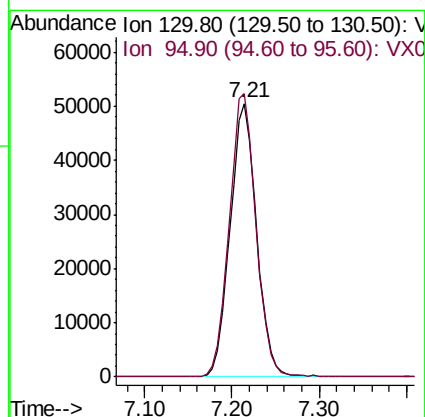
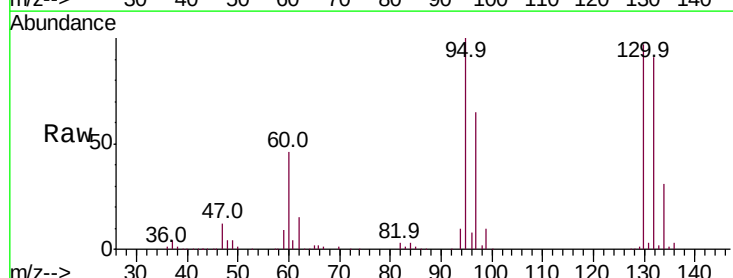
Manual Integrations
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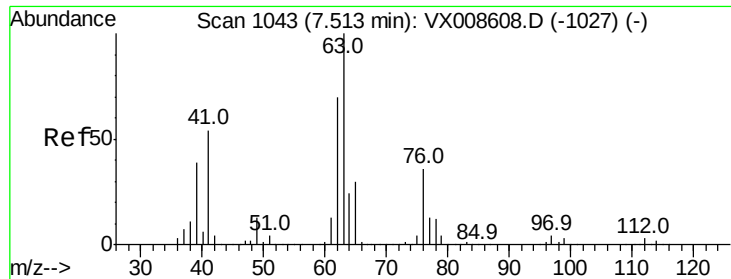
MMDadoda
4/4/2019 3:37:04 PM



#44
Trichloroethene
Concen: 43.590 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	130	95
Ion	130	95
Ratio	100	103.6
Lower		0.0
Upper		209.8





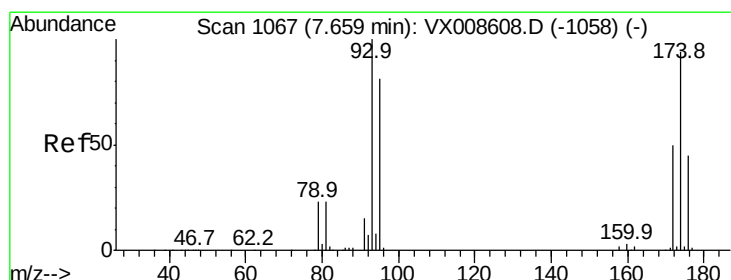
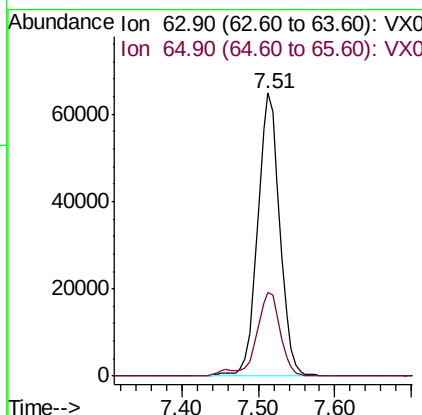
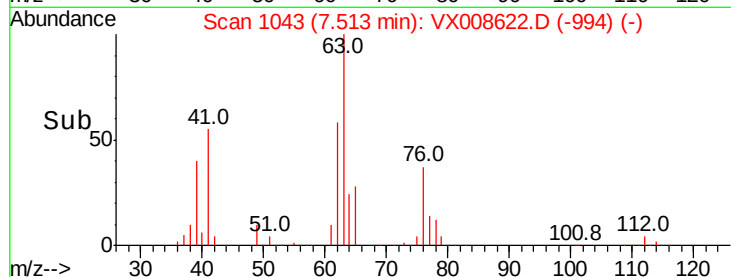
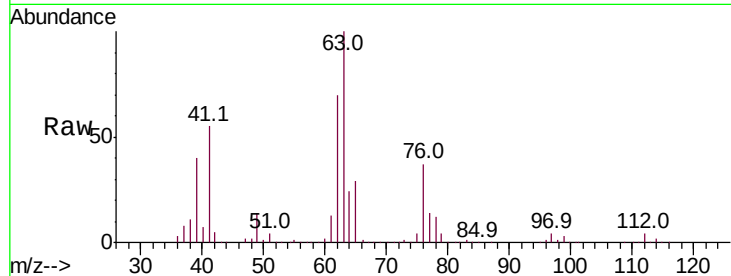
#45
 1,2-Dichloropropane
 Concen: 43.958 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 131624
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.2 36.4

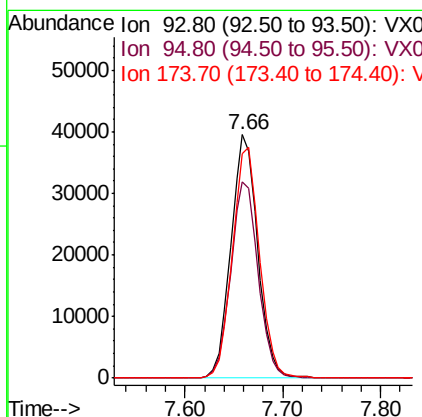
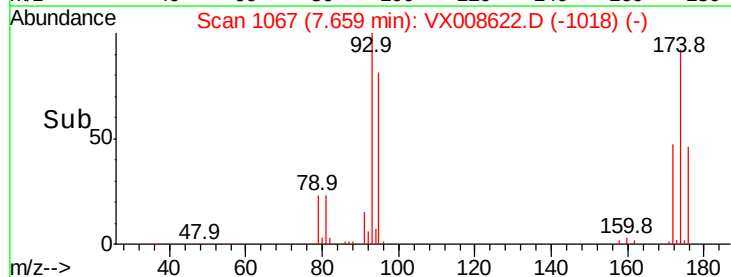
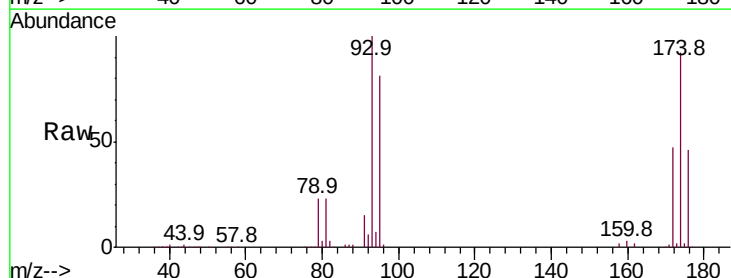
Manual Integrations
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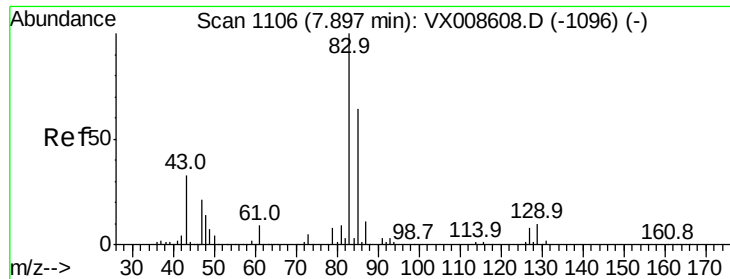
MMDadoda
 4/4/2019 3:37:04 PM



#46
 Dibromomethane
 Concen: 43.151 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Tgt Ion: 93 Resp: 74937
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.6 99.8
 174 96.2 77.7 116.5





#47

Bromodichloromethane

Concen: 45.292 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

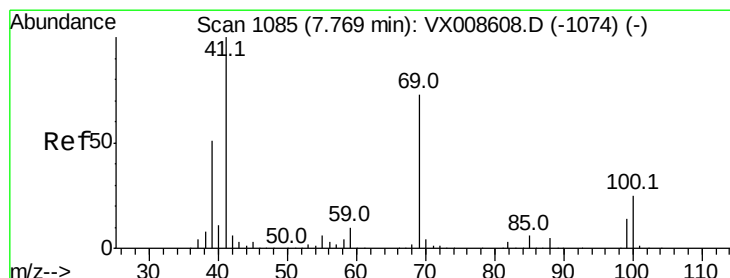
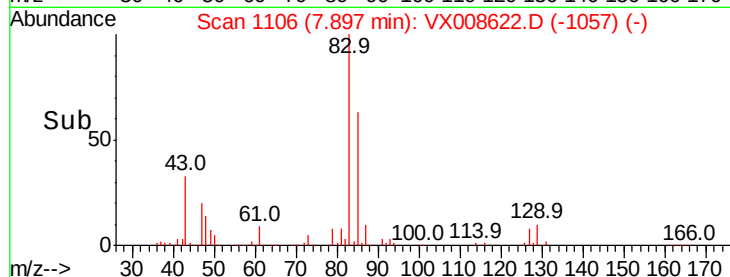
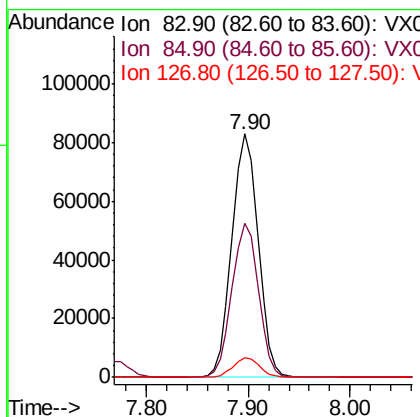
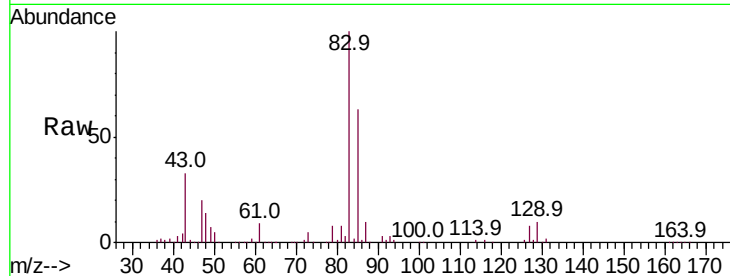
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	148305
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.2	76.8
127	7.8	6.6	10.0

Manual Integrations
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MMDadoda
4/4/2019 3:37:04 PM



#48

Methyl methacrylate

Concen: 46.169 ug/l

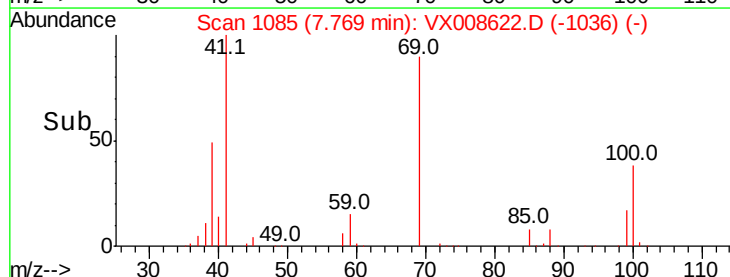
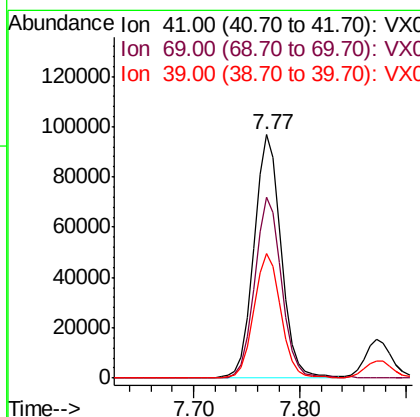
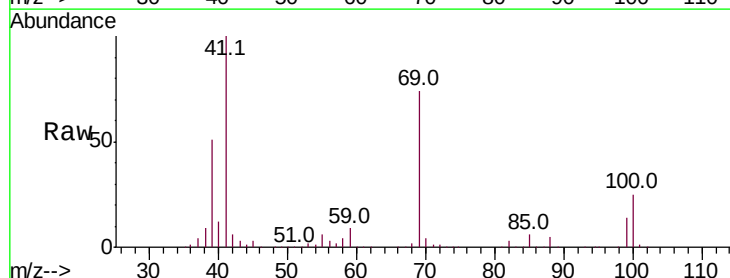
RT: 7.77 min Scan# 1085

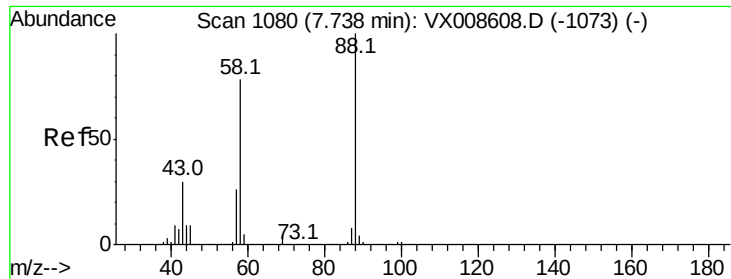
Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Tgt Ion:	41	Resp:	171962
Ion	Ratio	Lower	Upper
41	100		
69	74.0	59.0	88.4
39	51.0	41.0	61.4





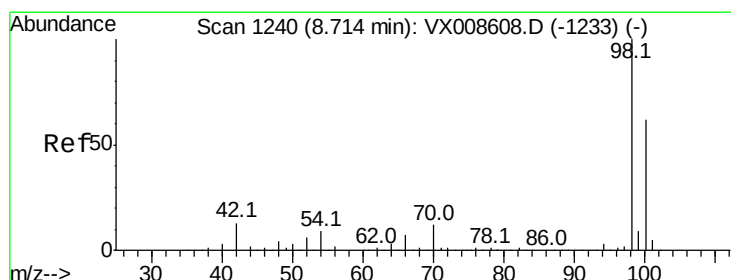
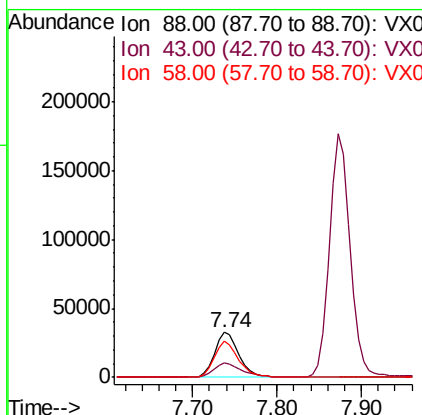
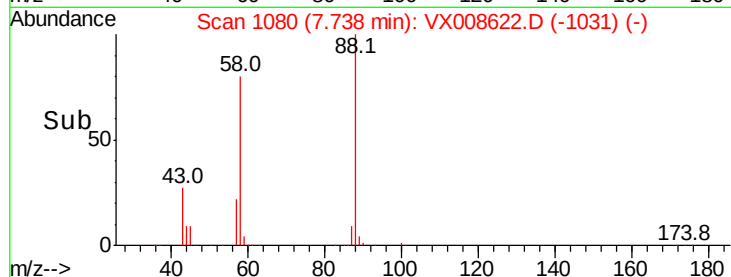
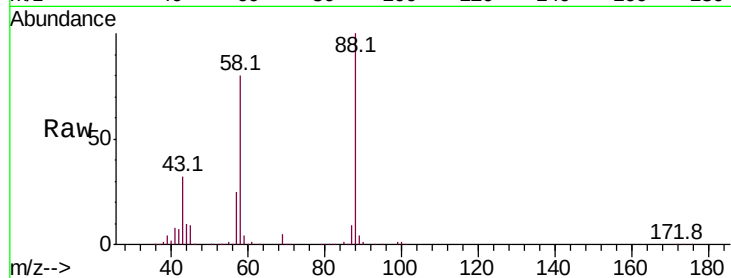
#49
1,4-Dioxane
Concen: 924.417 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	28.6	43.0
58	80.8	62.2	93.2

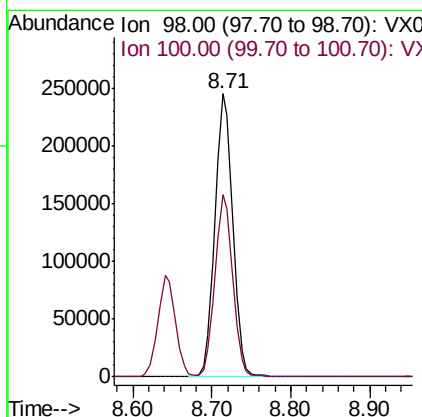
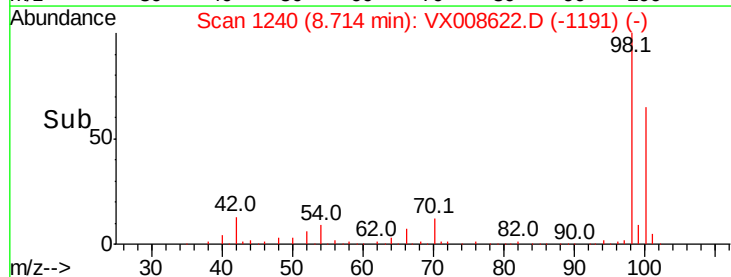
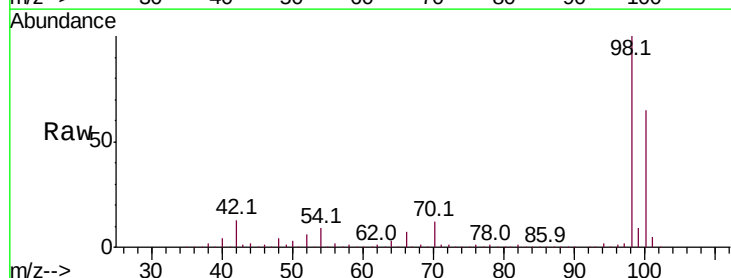
Manual Integrations
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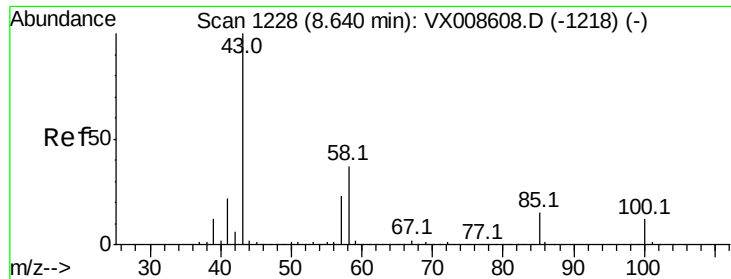
MMDadoda
4/4/2019 3:37:04 PM



#50
Toluene-d8
Concen: 47.481 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 236.862 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1122701

Ion Ratio Lower Upper

43 100

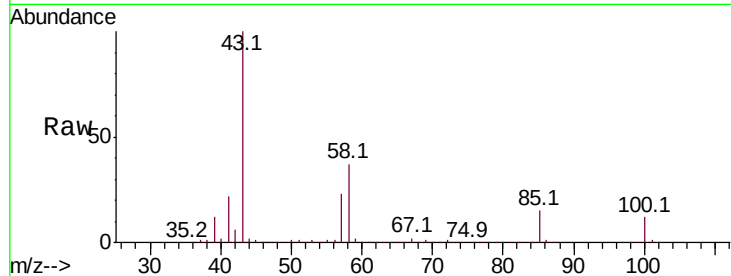
58 36.9 29.5 44.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

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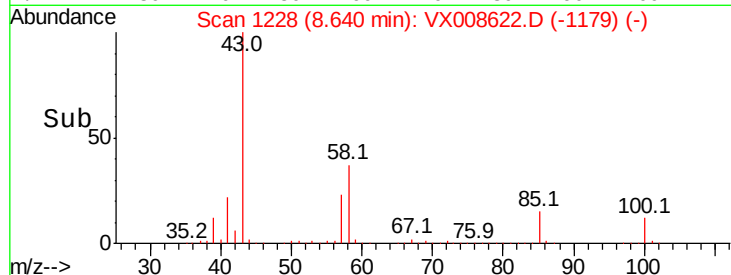
8.64

8.64

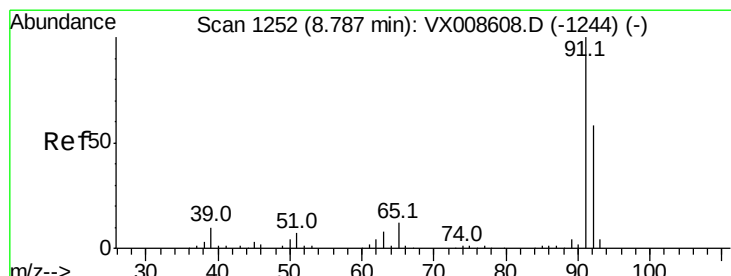
8.64

8.64

8.64



Time-->



#52

Toluene

Concen: 44.813 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008622.D

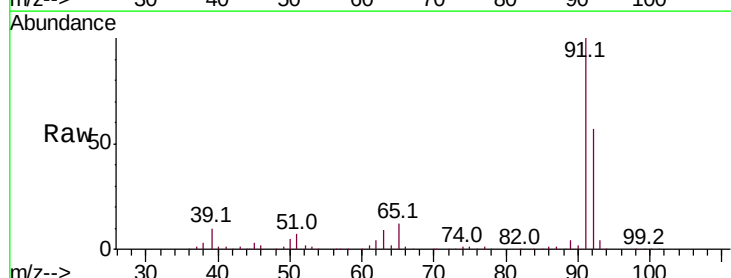
Acq: 03 Apr 2019 19:17

Tgt Ion: 92 Resp: 277158

Ion Ratio Lower Upper

92 100

91 173.6 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

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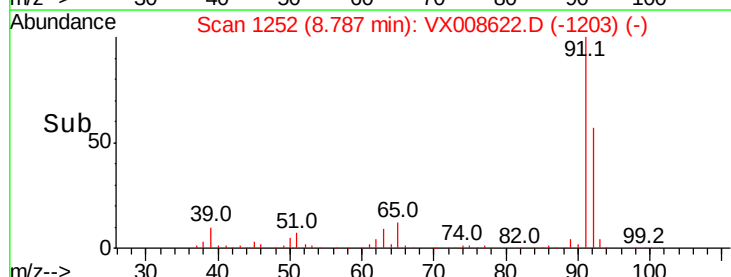
8.79

8.79

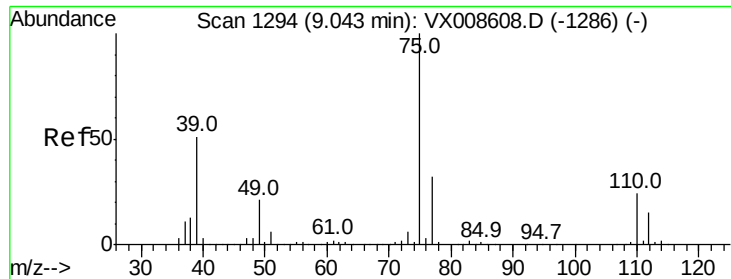
8.79

8.79

8.79



Time-->



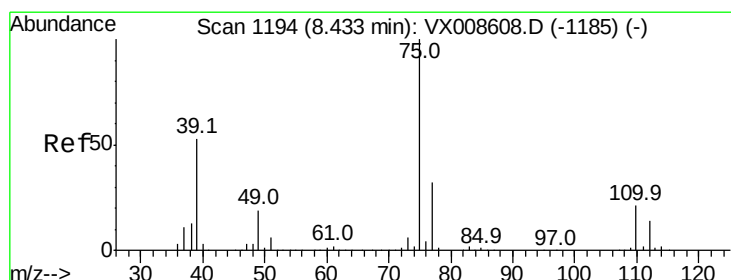
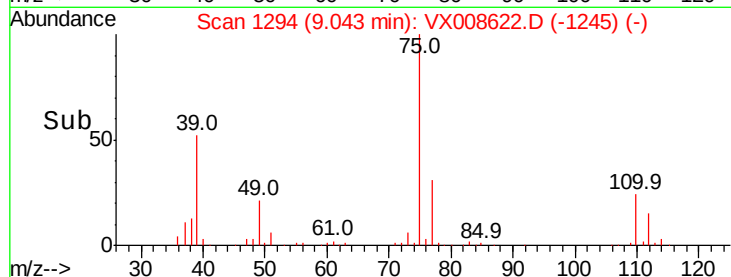
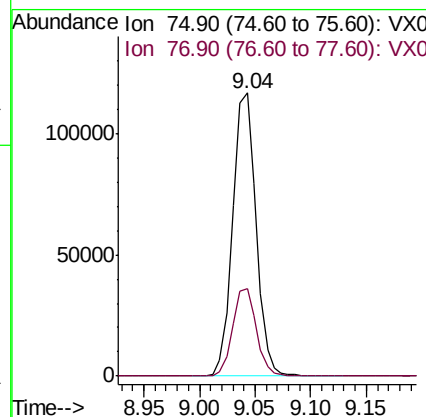
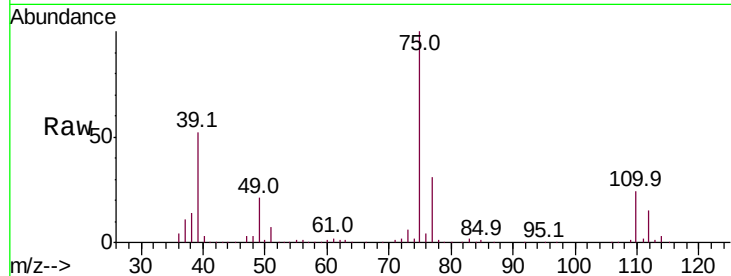
#53
t-1,3-Dichloropropene
Concen: 46.357 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 170033
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8

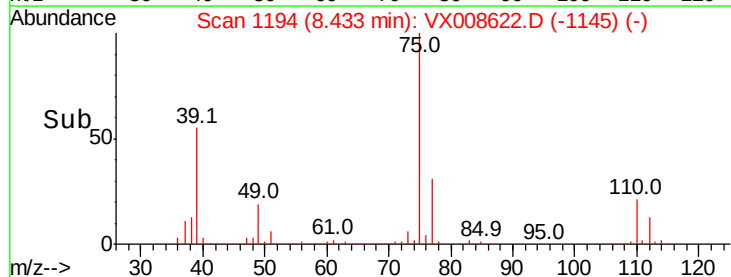
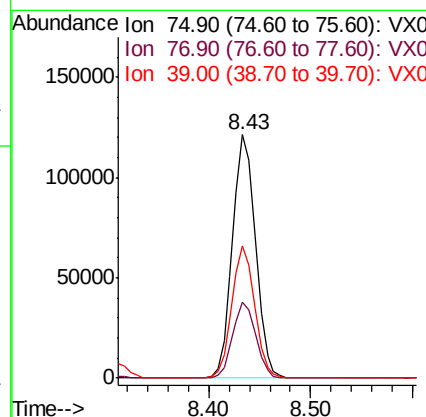
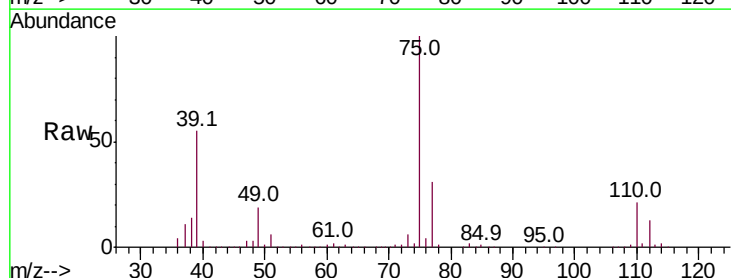
Manual Integrations
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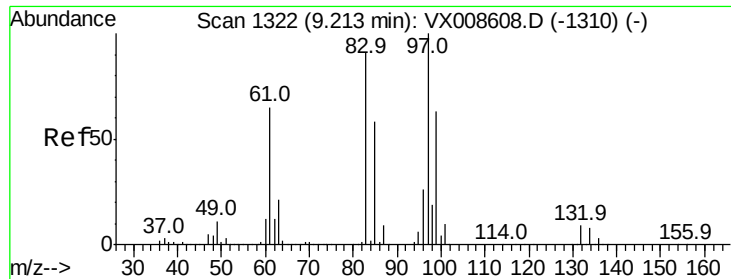
MMDadoda
4/4/2019 3:37:04 PM



#54
cis-1,3-Dichloropropene
Concen: 45.349 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 75 Resp: 190063
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 54.4 42.6 63.8





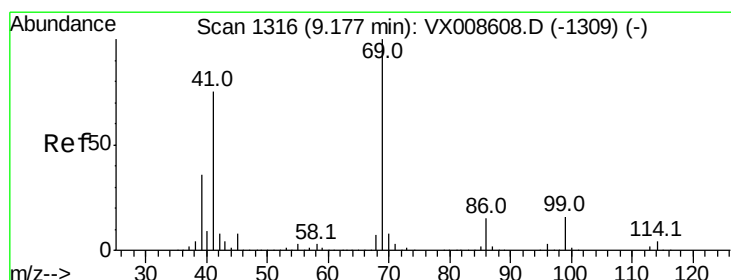
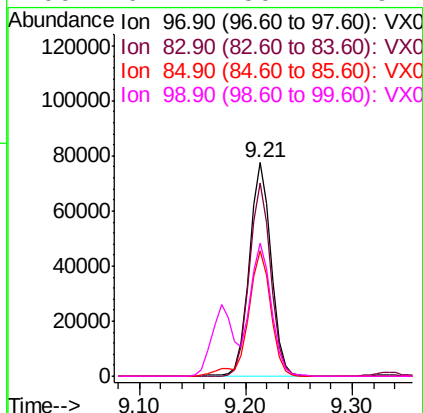
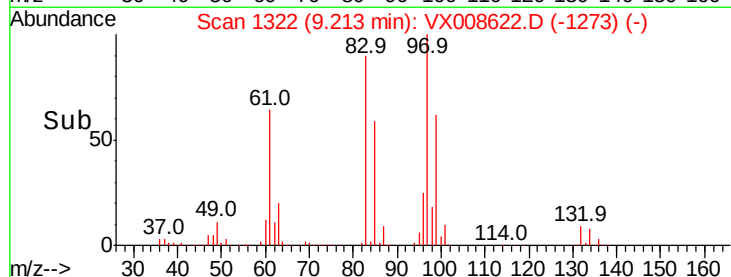
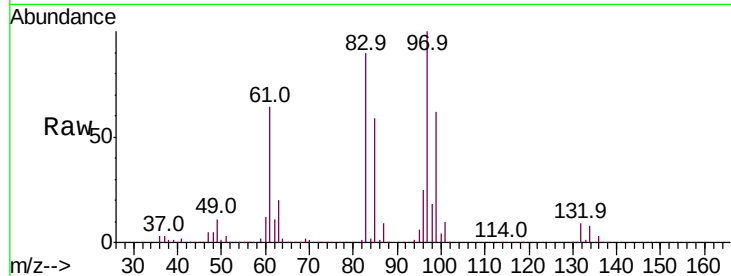
#55
 1,1,2-Trichloroethane
 Concen: 44.883 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	90.5	73.2	109.8
85	58.6	46.6	69.8
99	62.4	50.1	75.1

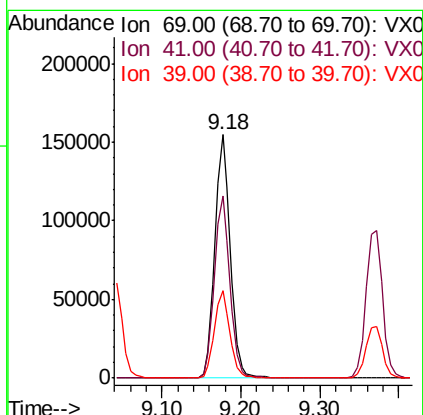
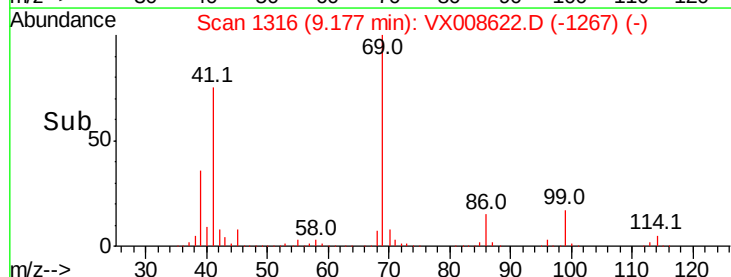
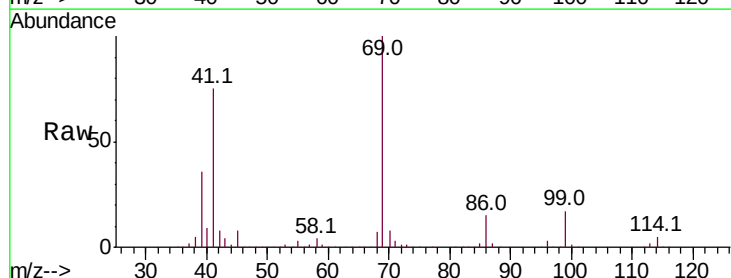
Manual Integrations
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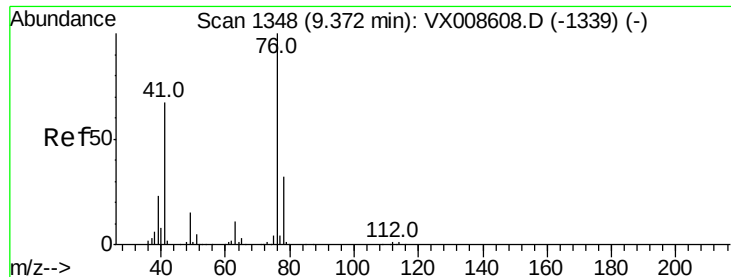
MMDadoda
 4/4/2019 3:37:04 PM



#56
 Ethyl methacrylate
 Concen: 47.228 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.5	60.1	90.1
39	36.0	28.9	43.3





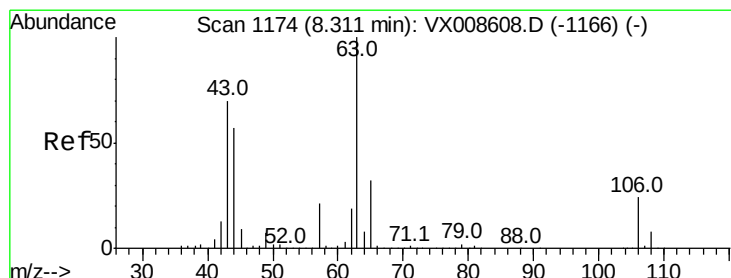
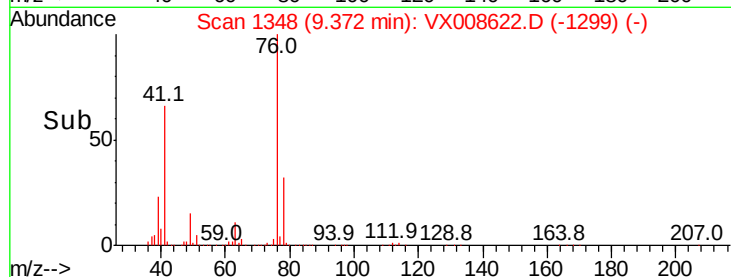
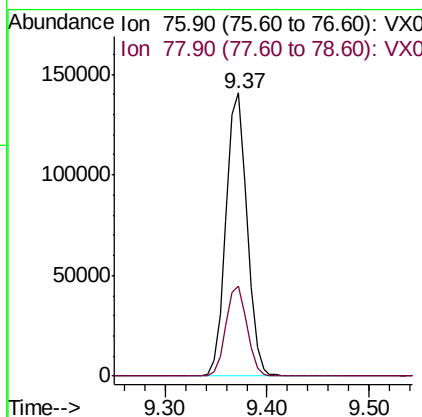
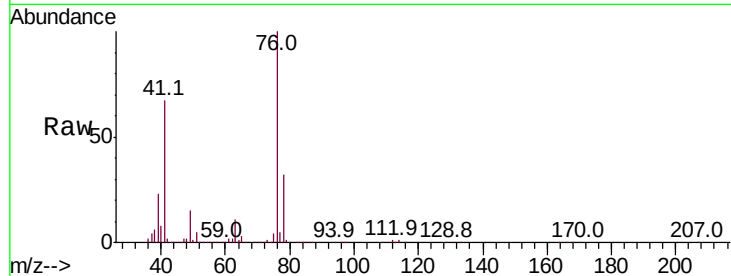
#57
 1,3-Dichloropropane
 Concen: 45.103 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4

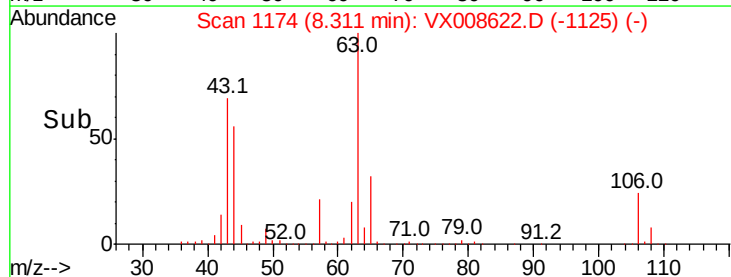
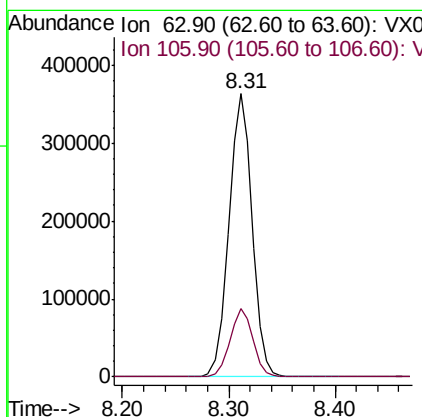
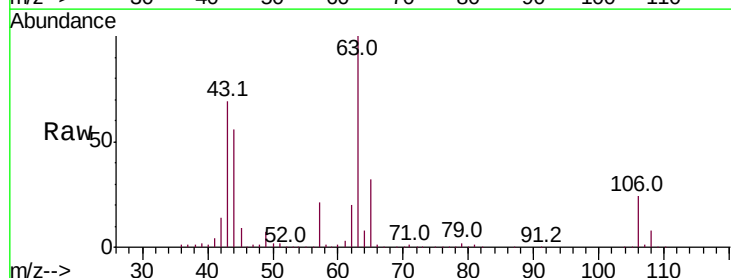
Manual Integrations
 APPROVED

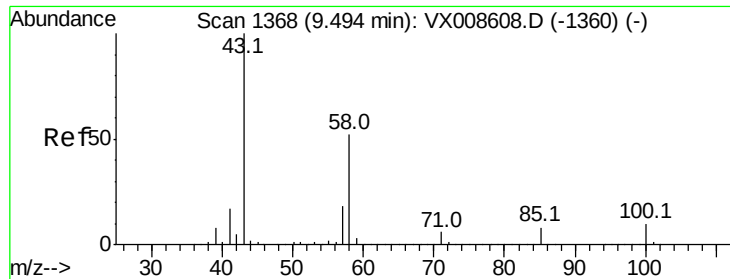
MMDadoda
 4/4/2019 3:37:04 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.533 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.8	19.0	28.6





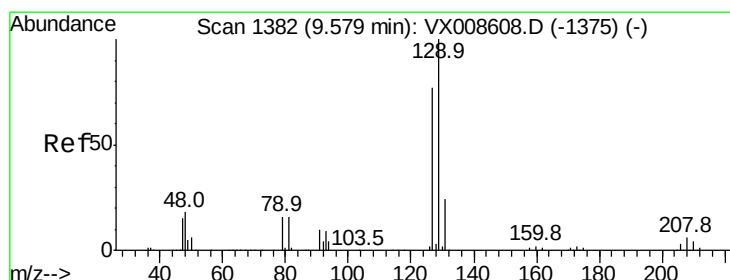
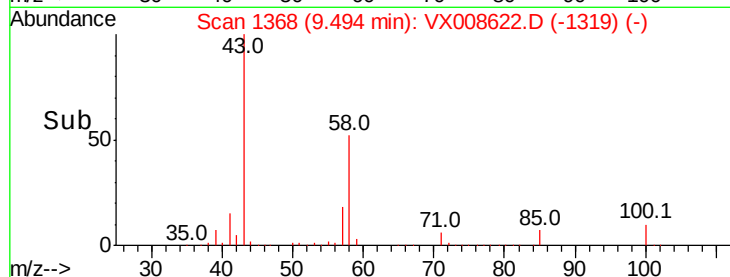
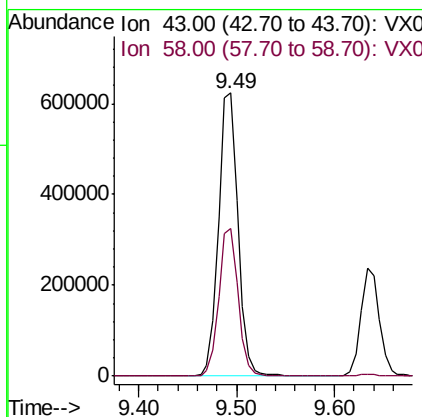
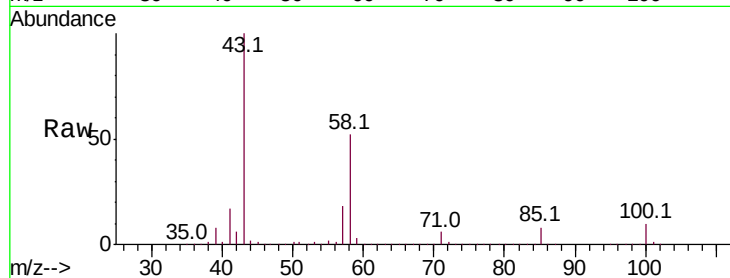
#59
2-Hexanone
Concen: 234.682 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 864472
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7

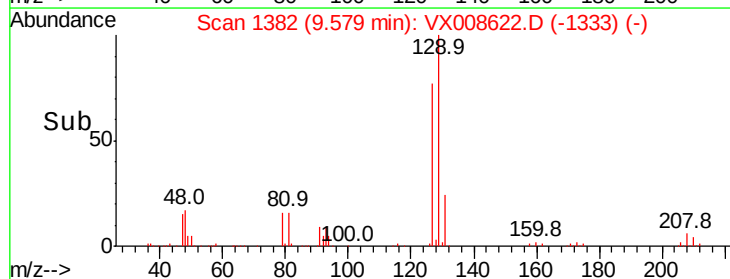
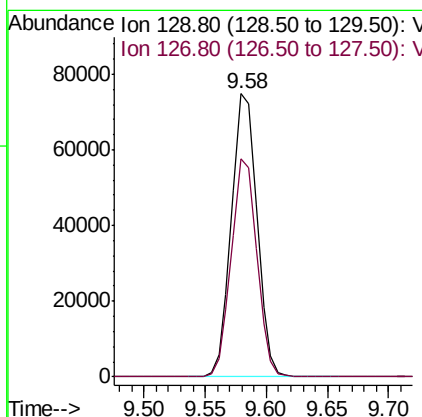
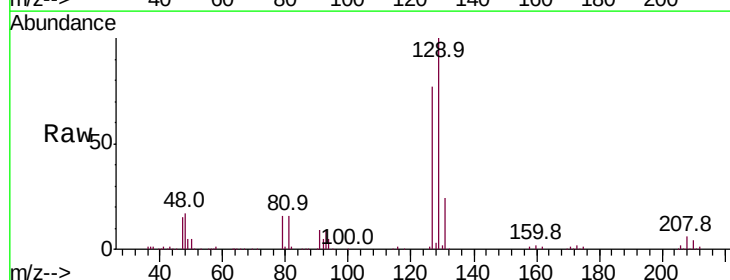
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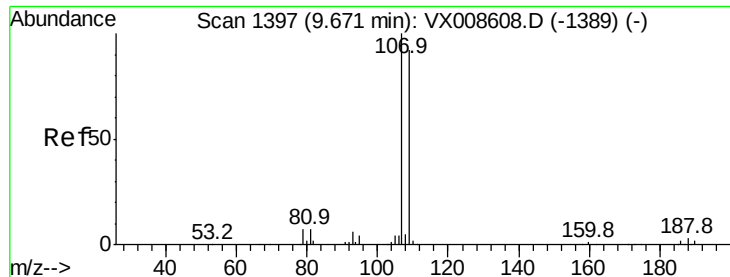
MMDadoda
4/4/2019 3:37:04 PM



#60
Dibromochloromethane
Concen: 46.342 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 129 Resp: 108413
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 44.837 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 115882

Ion Ratio Lower Upper

107 100

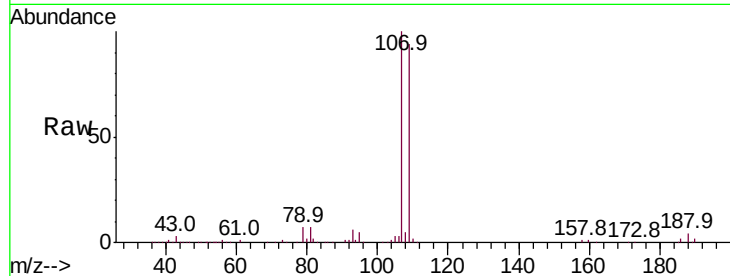
109 93.4 74.1 111.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

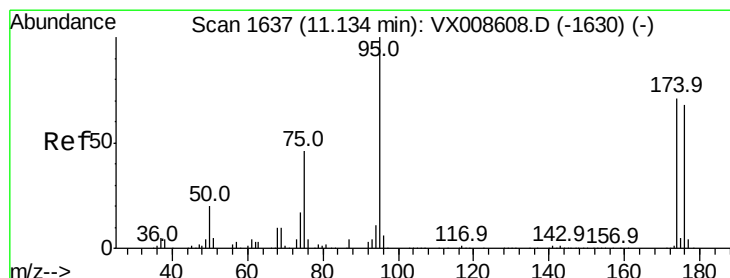
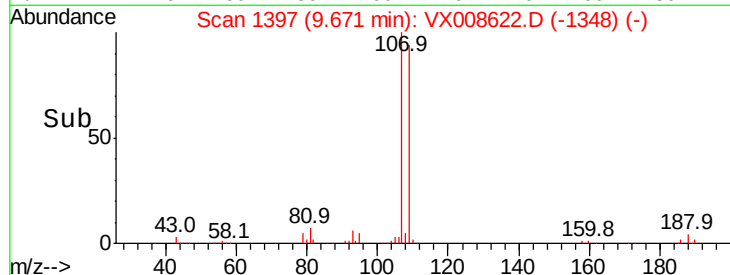
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 48.328 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

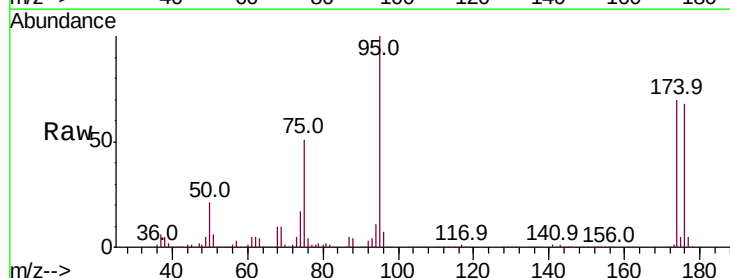
Tgt Ion: 95 Resp: 140551

Ion Ratio Lower Upper

95 100

174 76.6 0.0 151.8

176 74.5 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

150000

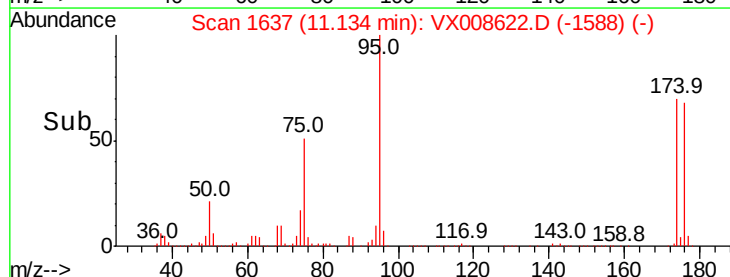
100000

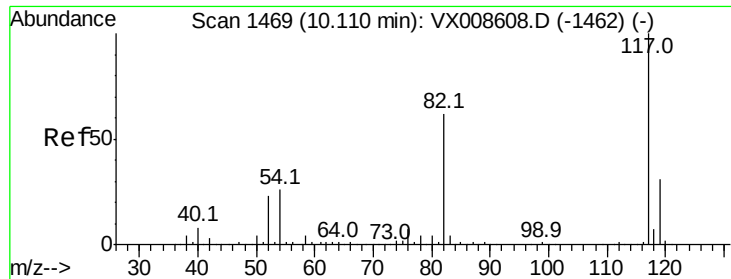
50000

0

Time-->

11.10 11.20





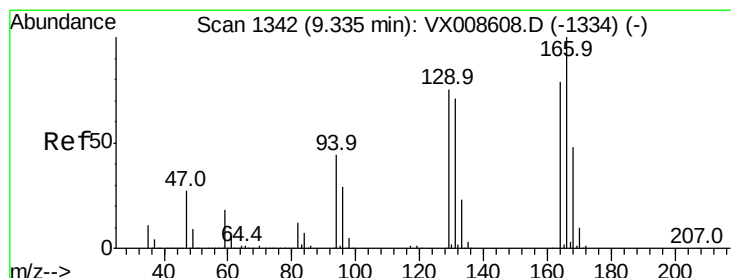
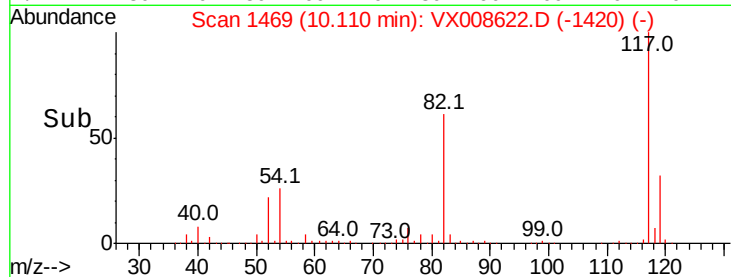
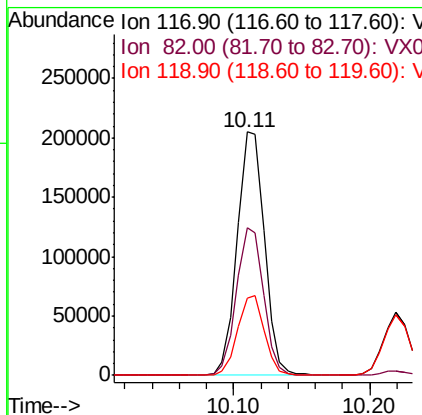
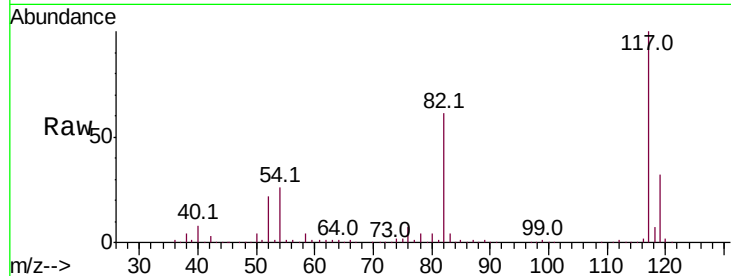
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	288120		
82	60.7	49.6	74.4	
119	31.6	25.0	37.4	

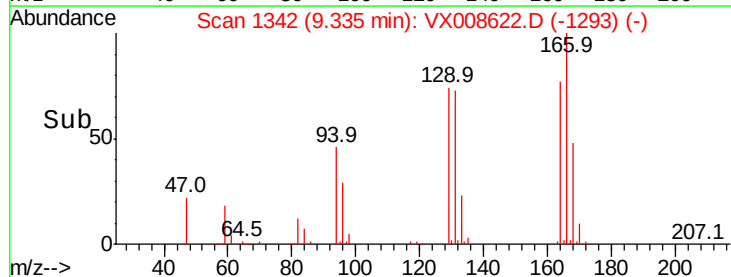
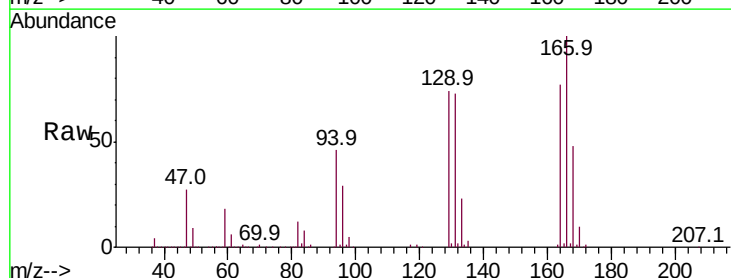
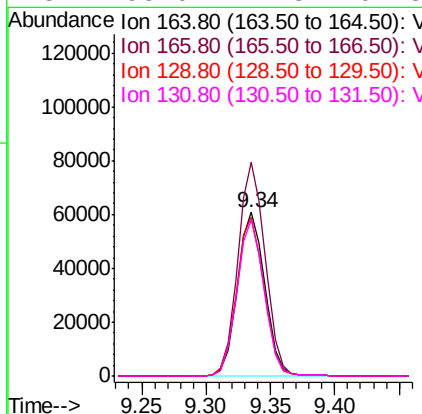
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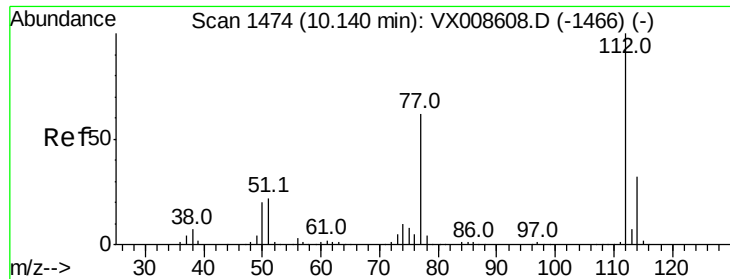
MMDadoda
4/4/2019 3:37:04 PM



#64
Tetrachloroethene
Concen: 41.991 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89637		
166	130.4	101.0	151.6	
129	97.1	75.8	113.8	
131	95.0	71.8	107.8	





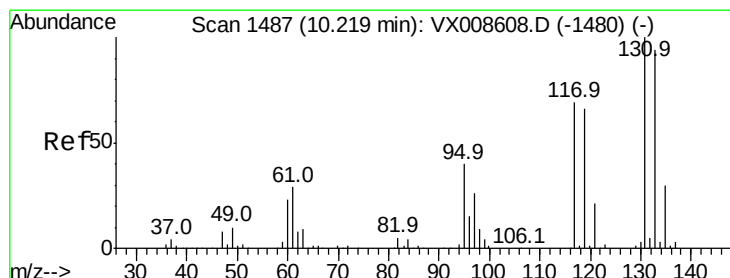
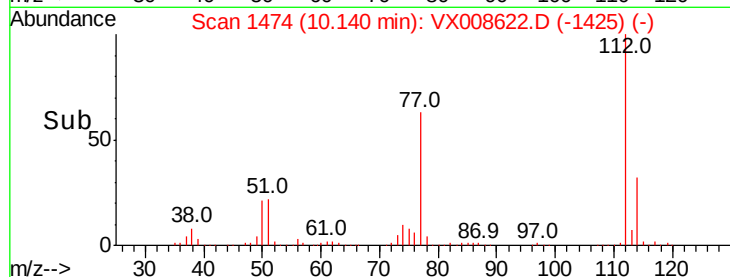
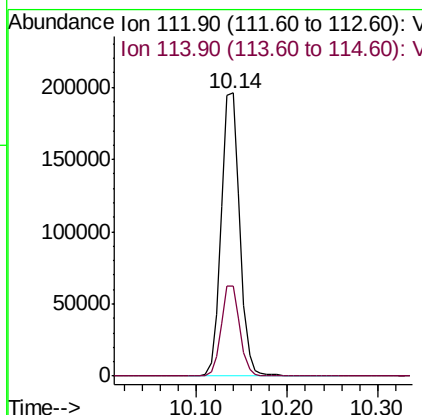
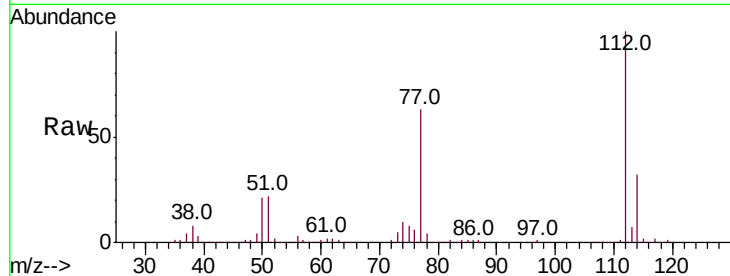
#65
Chlorobenzene
Concen: 43.678 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 278961
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8

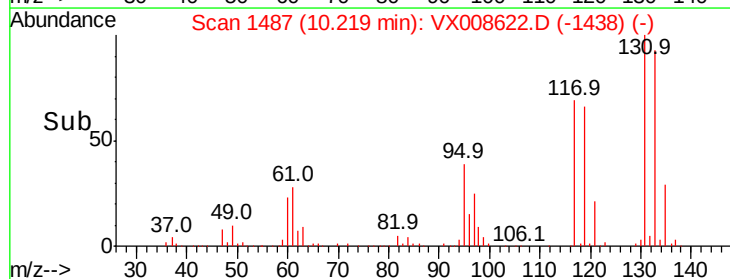
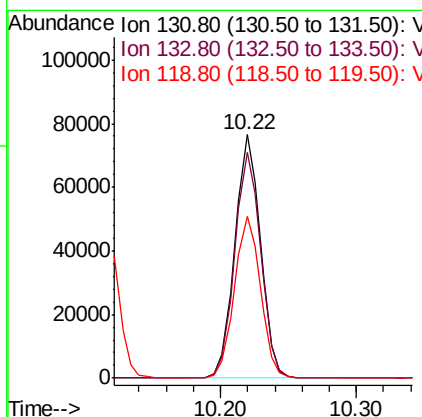
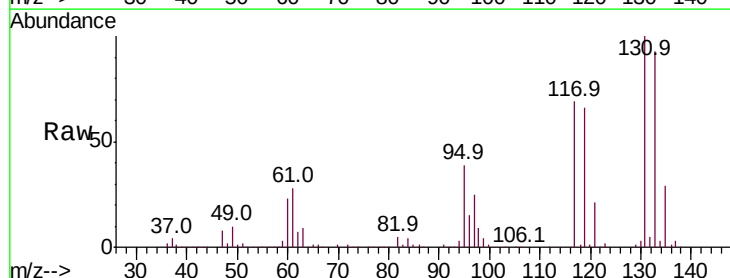
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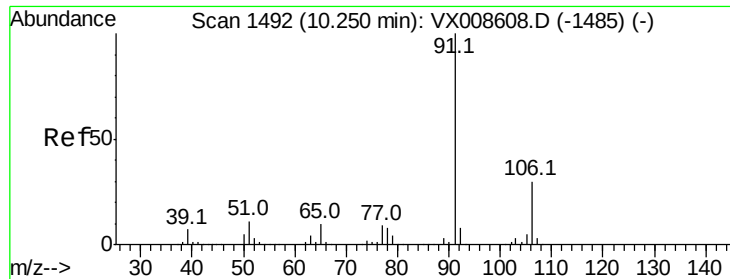
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 44.803 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion:131 Resp: 100385
Ion Ratio Lower Upper
131 100
133 94.3 47.0 141.2
119 67.7 33.7 101.0





#67

Ethyl Benzene

Concen: 44.203 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 526421

Ion Ratio Lower Upper

91 100

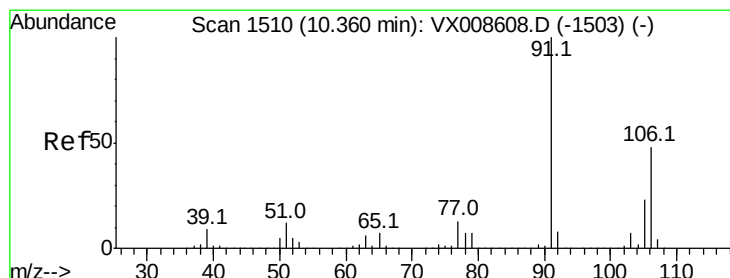
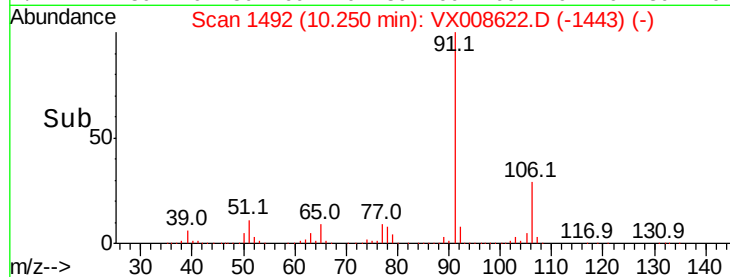
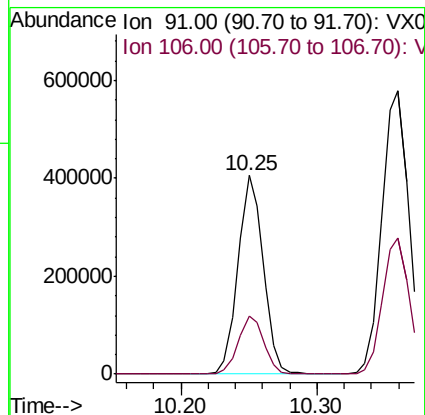
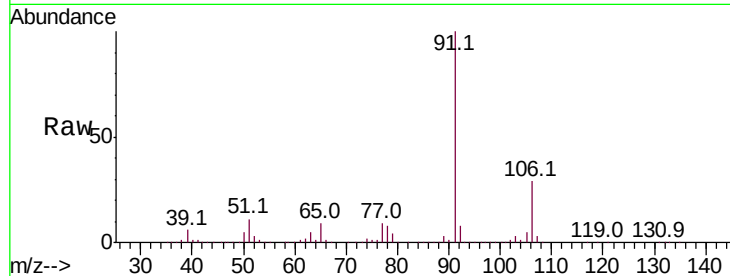
106 29.3 23.7 35.5

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#68

m/p-Xylenes

Concen: 89.244 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008622.D

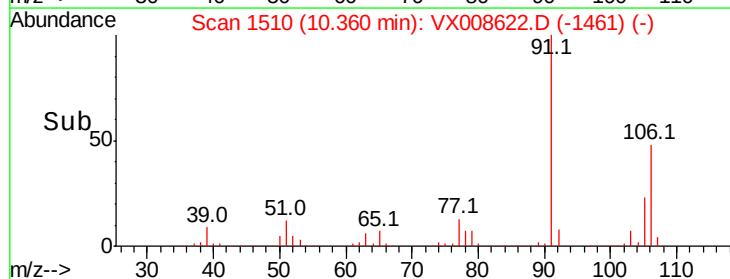
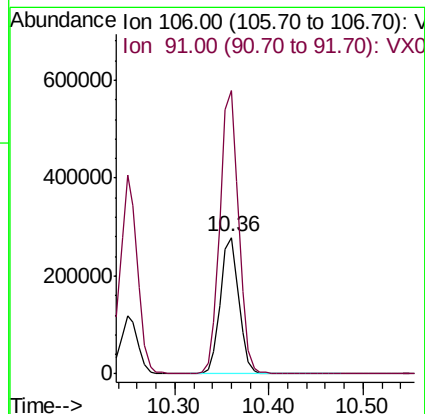
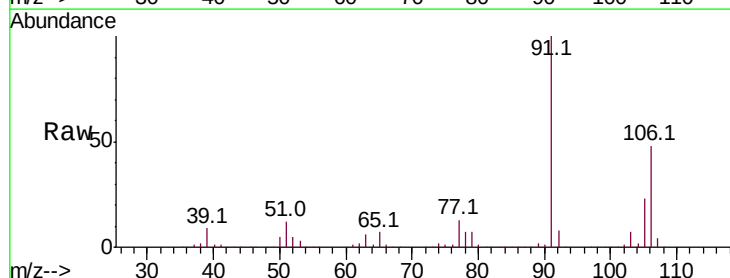
Acq: 03 Apr 2019 19:17

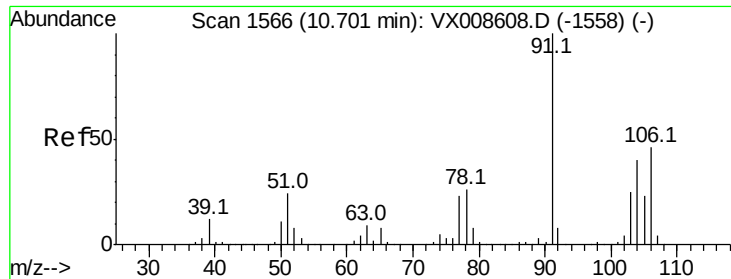
Tgt Ion: 106 Resp: 382139

Ion Ratio Lower Upper

106 100

91 209.4 168.5 252.7





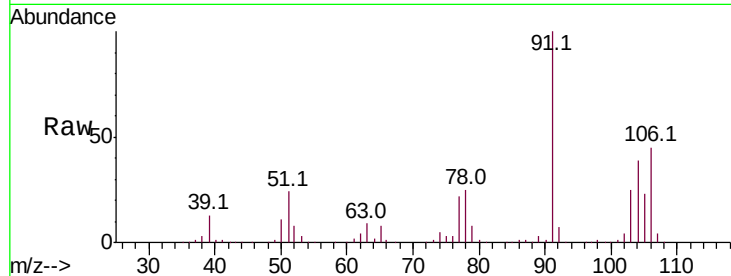
#69
o-Xylene
Concen: 44.623 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

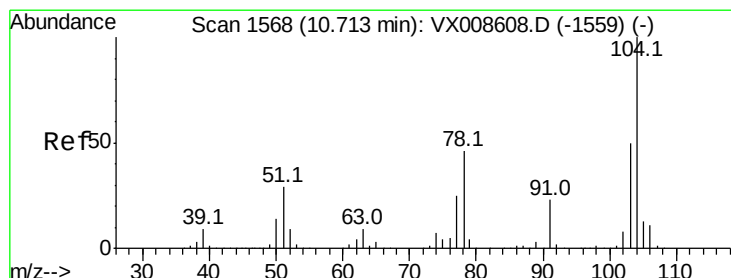
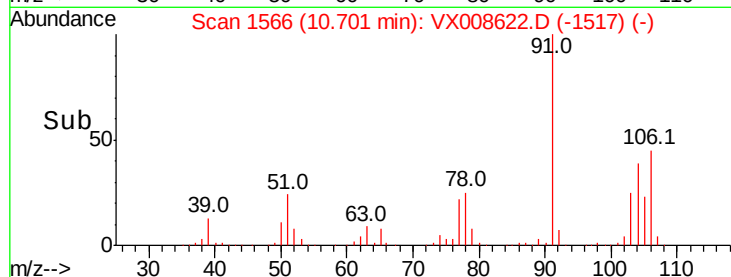
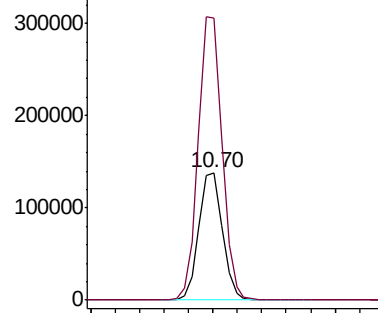
Tot Ion:106 Resp: 185175
Ion Ratio Lower Upper
106 100
91 223.5 111.5 334.4

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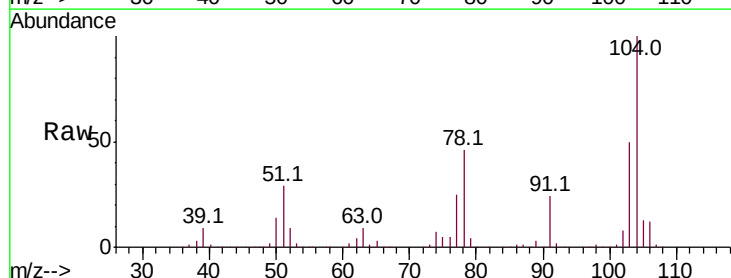


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

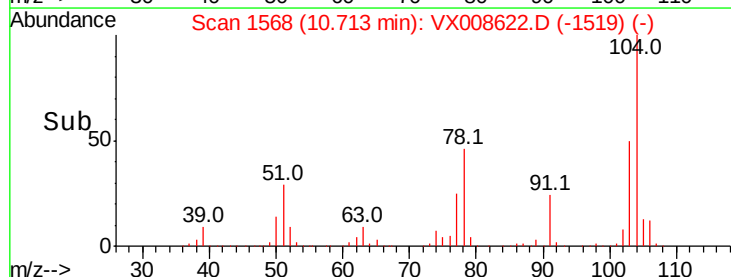
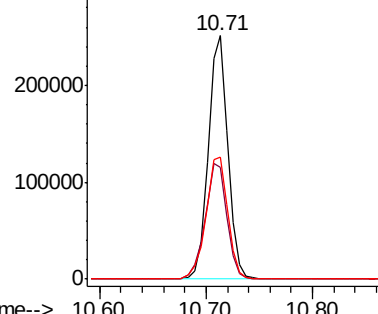


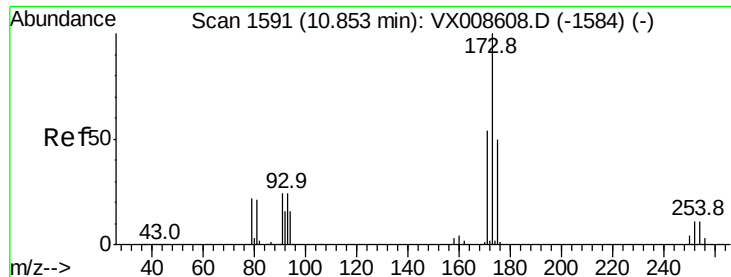
#70
Styrene
Concen: 45.299 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion:104 Resp: 324026
Ion Ratio Lower Upper
104 100
78 53.2 42.3 63.5
103 55.8 44.4 66.6



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





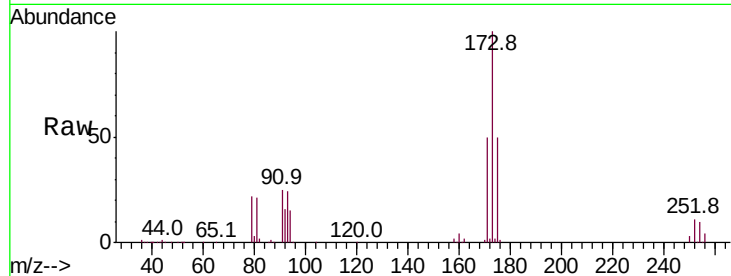
#71
Bromoform
Concen: 47.038 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.2	0.1	0.1#

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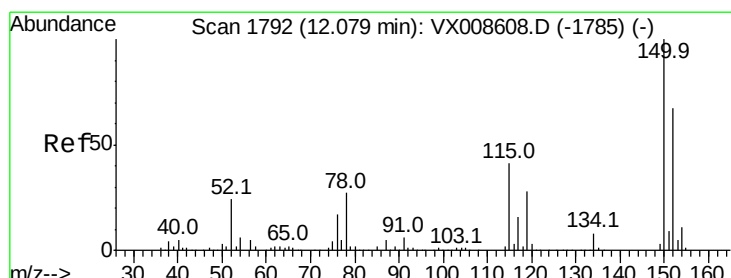
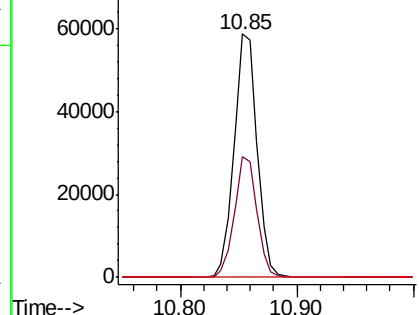
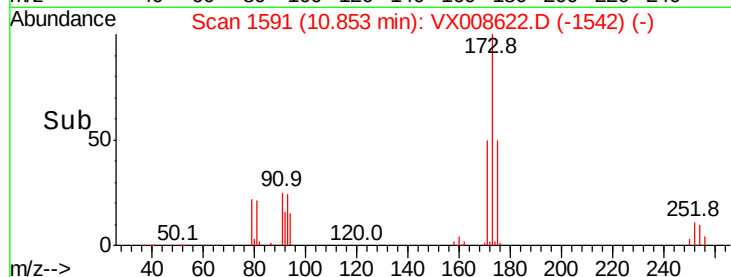


Abundance

Ion 172.70 (172.40 to 173.40): V

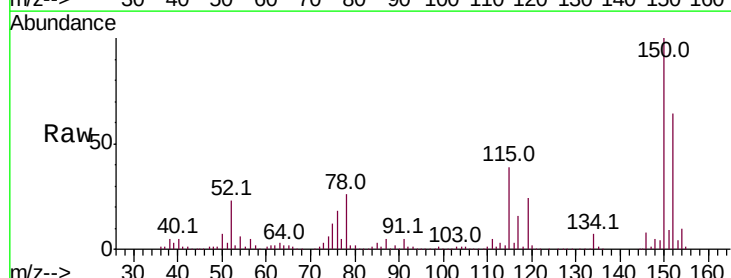
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.1	43.5	130.5
150	170.8	0.0	348.8

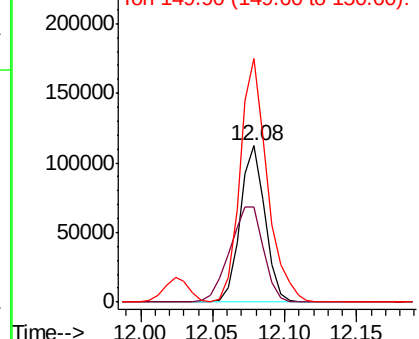
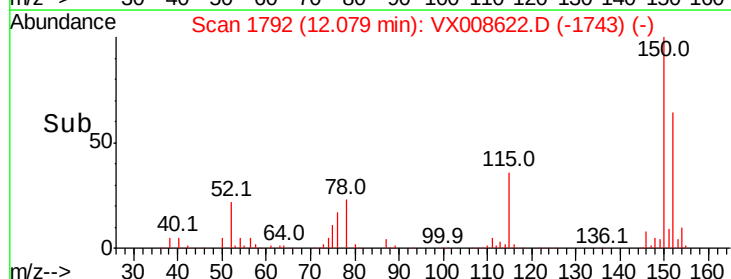


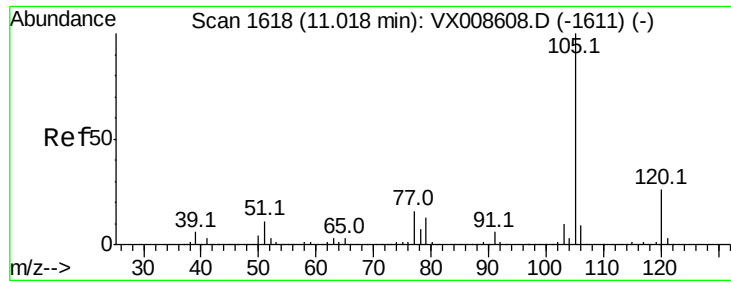
Abundance

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





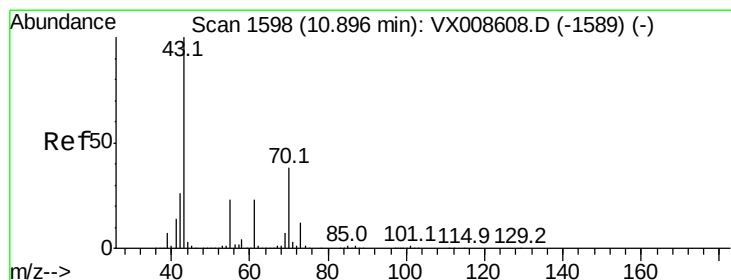
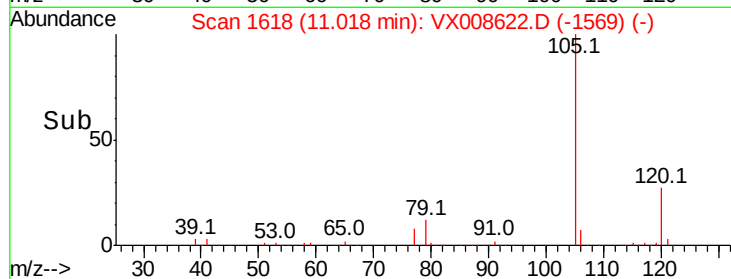
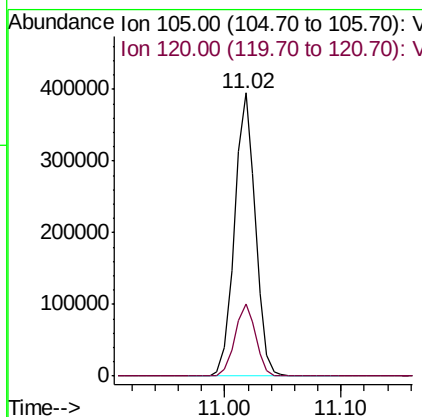
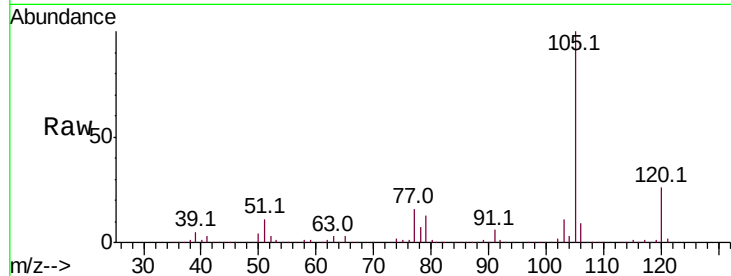
#73
Isopropylbenzene
Concen: 43.933 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 489536
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

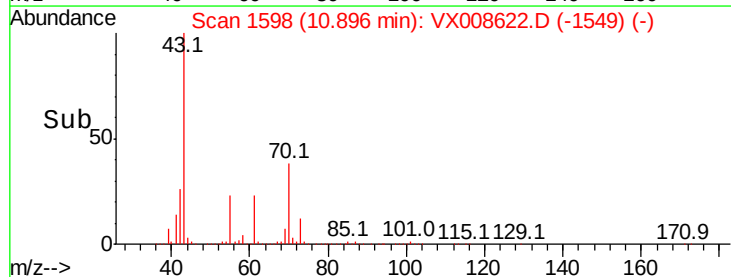
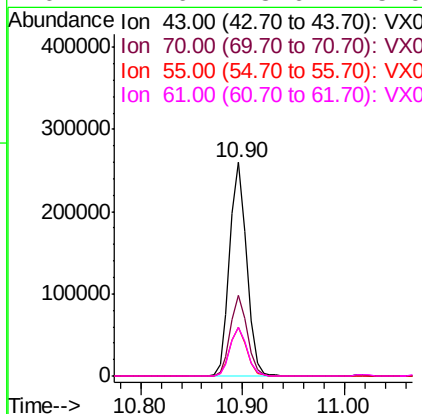
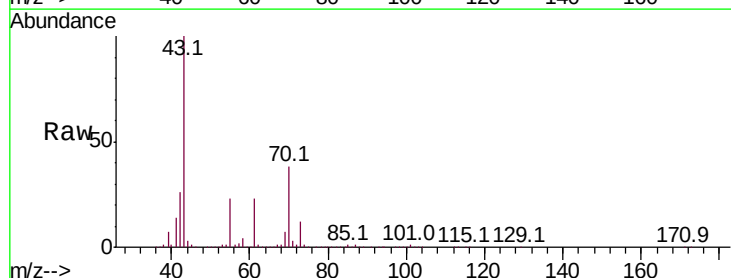
Manual Integrations
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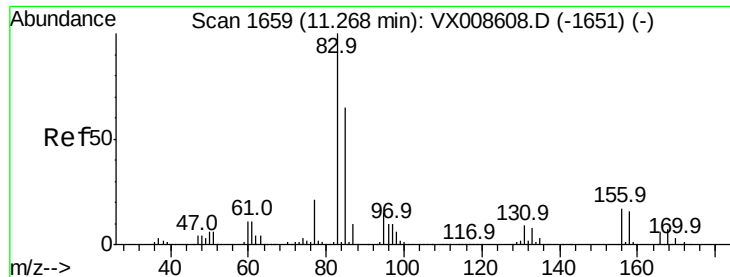
MMDadoda
4/4/2019 3:37:04 PM



#74
N-ethyl acetate
Concen: 45.562 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 43 Resp: 298694
Ion Ratio Lower Upper
43 100
70 37.4 30.2 45.4
55 22.7 18.2 27.4
61 22.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.188 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

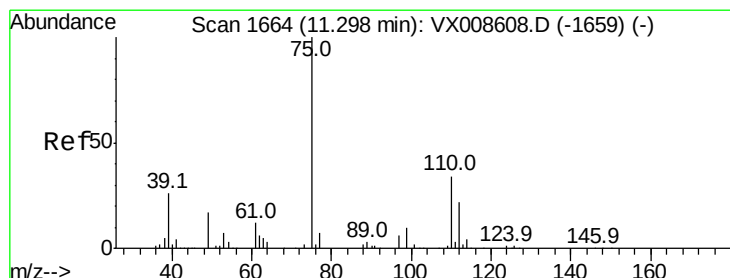
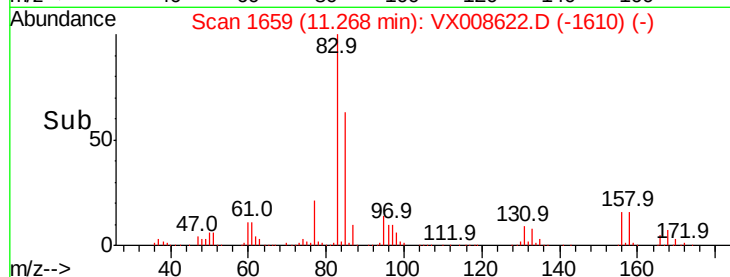
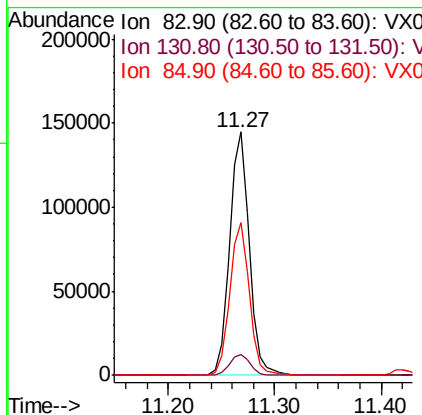
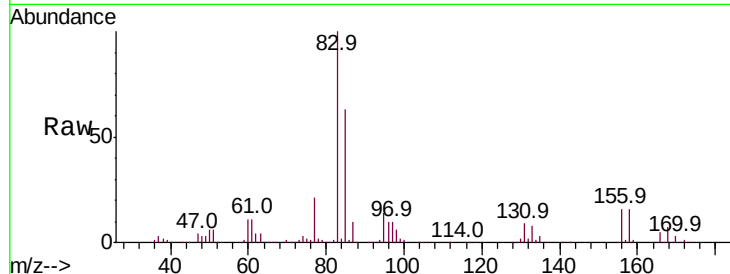
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	187260
Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.7
85	62.8	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.347 ug/l m

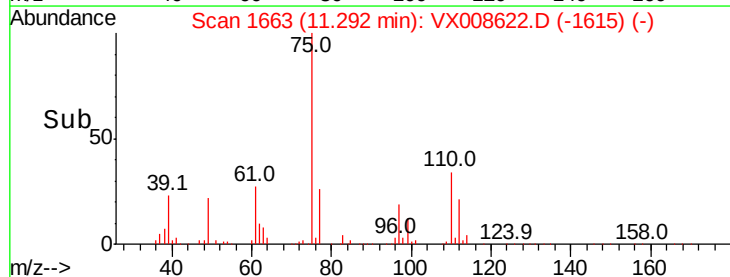
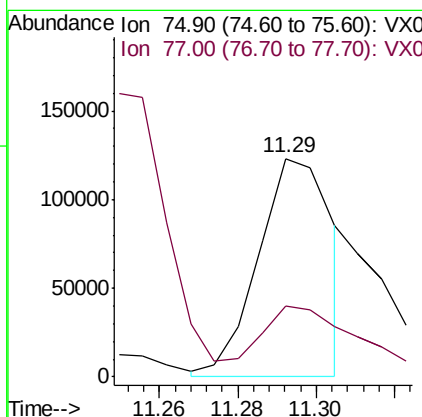
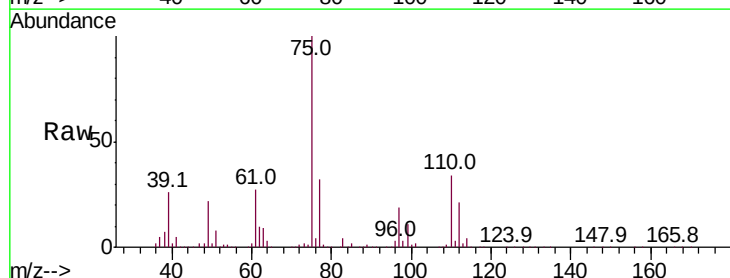
RT: 11.29 min Scan# 1663

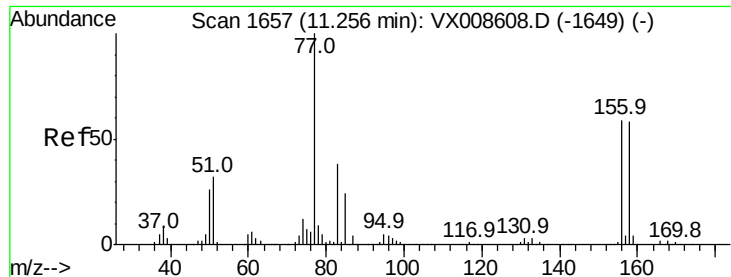
Delta R.T. -0.01 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Tgt Ion:	75	Resp:	160109
Ion	Ratio	Lower	Upper
75	100		
77	44.1	22.3	66.8





#77

Bromobenzene

Concen: 44.171 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 118322

Ion Ratio Lower Upper

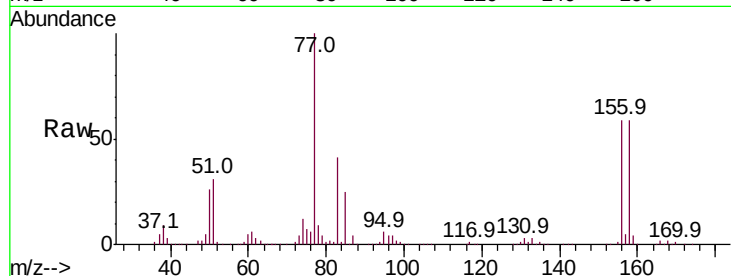
156 100

77 177.8 89.8 269.6

158 97.4 48.6 145.9

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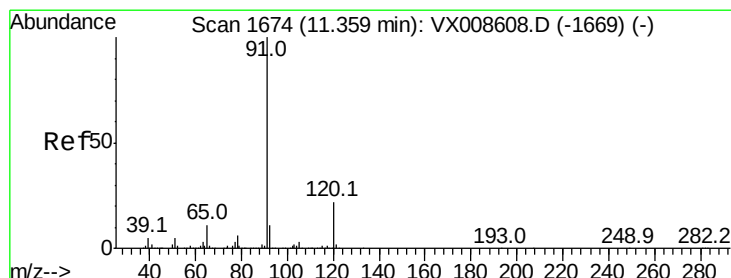
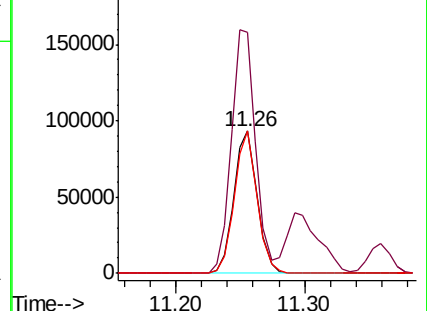
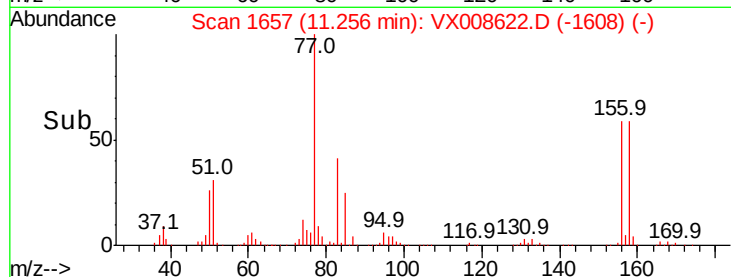
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.447 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008622.D

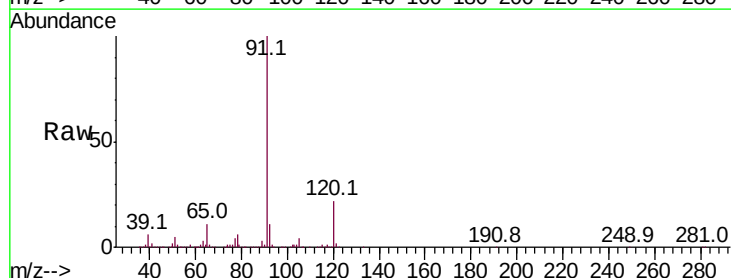
Acq: 03 Apr 2019 19:17

Tgt Ion: 91 Resp: 576676

Ion Ratio Lower Upper

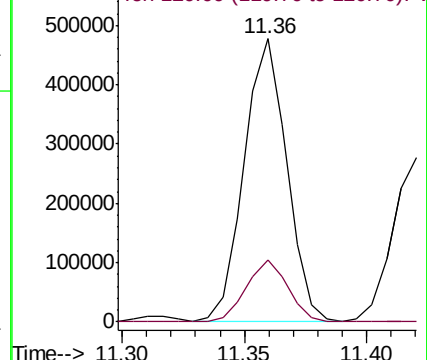
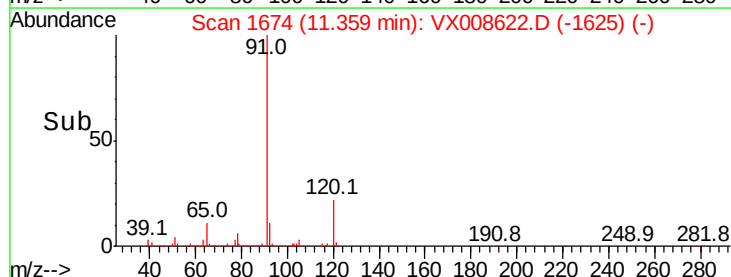
91 100

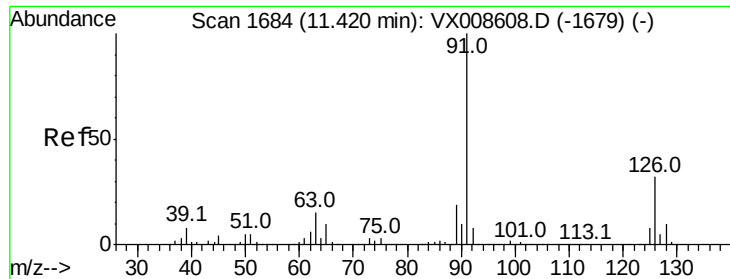
120 21.5 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 43.599 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 342322

Ion Ratio Lower Upper

91 100

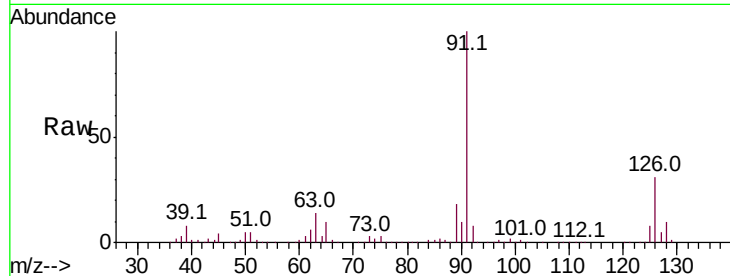
126 31.6 16.1 48.3

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Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)

500000

400000

300000

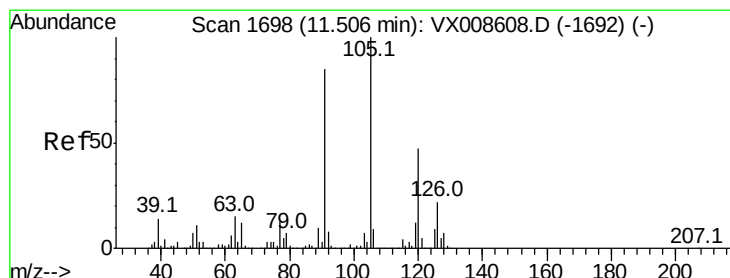
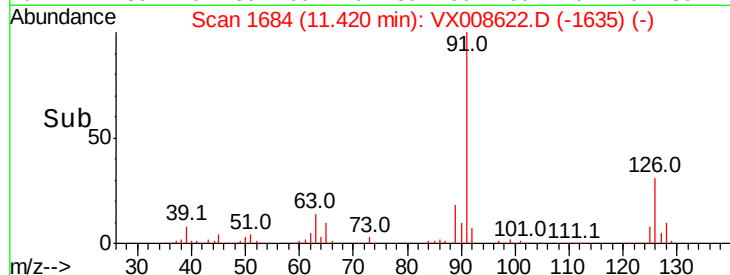
200000

100000

0

11.40 11.42 11.44

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 44.502 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008622.D

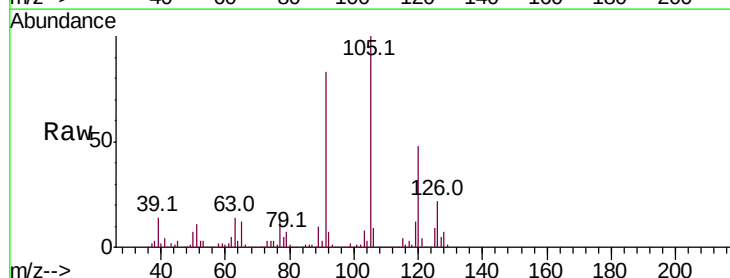
Acq: 03 Apr 2019 19:17

Tgt Ion: 105 Resp: 416247

Ion Ratio Lower Upper

105 100

120 47.7 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)

400000

300000

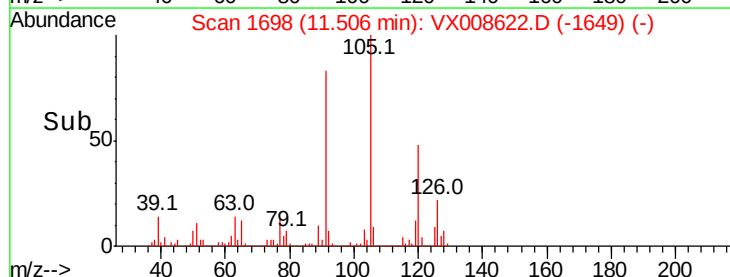
200000

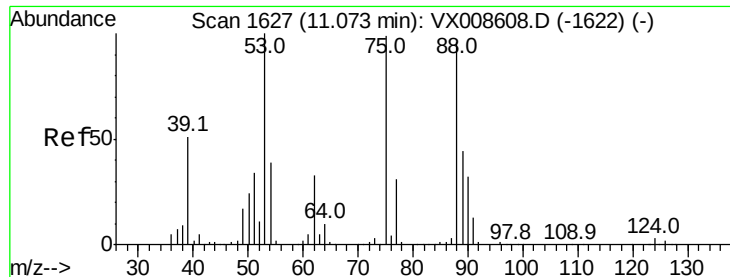
100000

0

11.50 11.51 11.52

Time-->





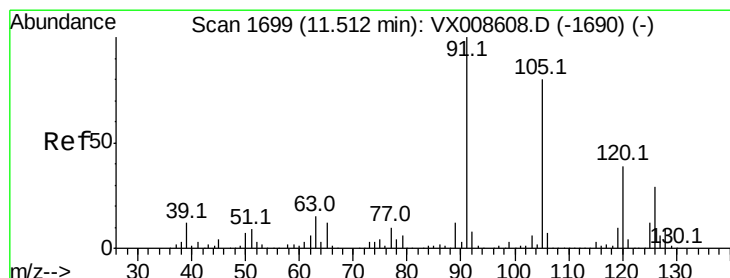
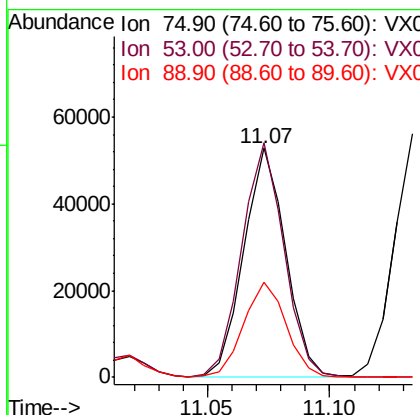
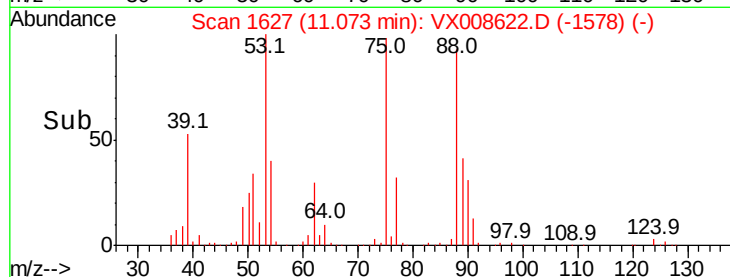
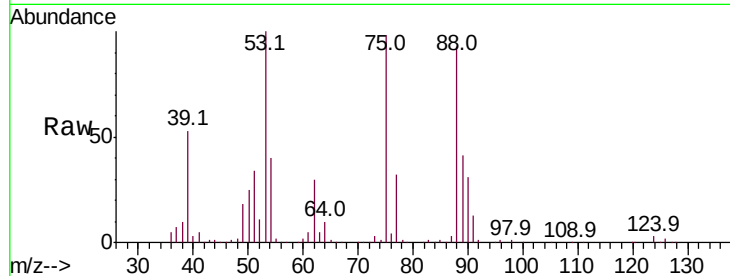
#81
trans-1,4-Dichloro-2-butene
Concen: 46.589 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.6	81.3	121.9
89	42.9	35.6	53.4

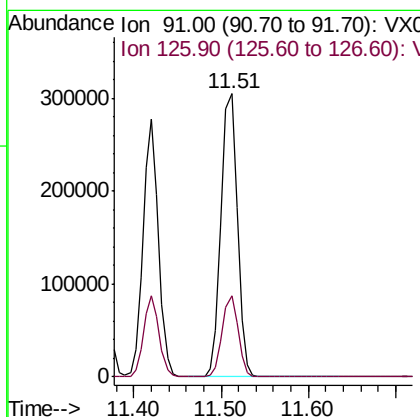
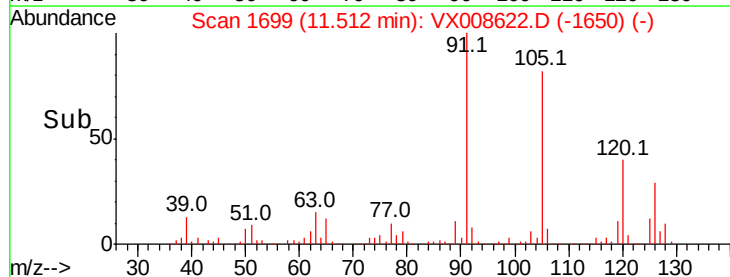
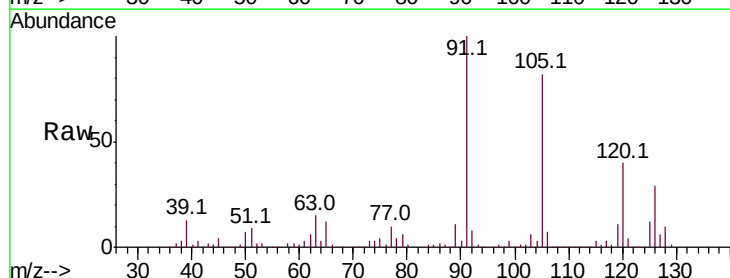
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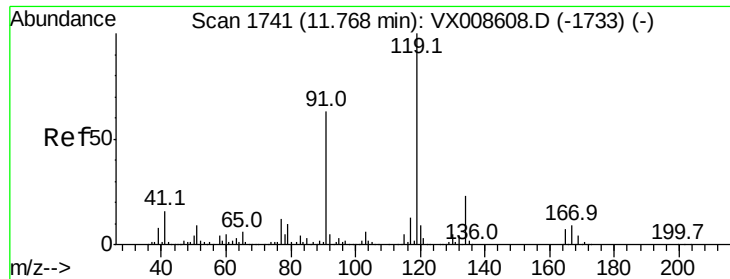
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#82
4-Chlorotoluene
Concen: 43.303 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.9	13.9	41.6





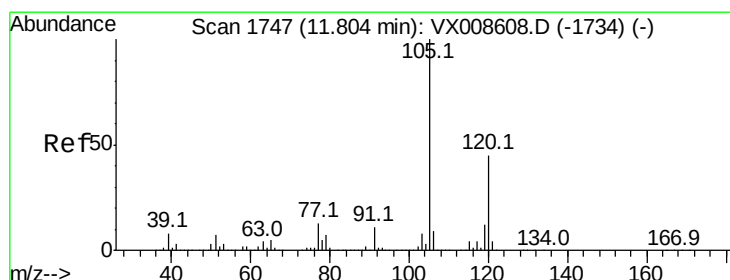
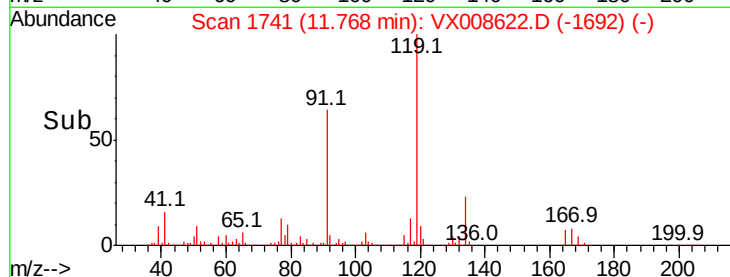
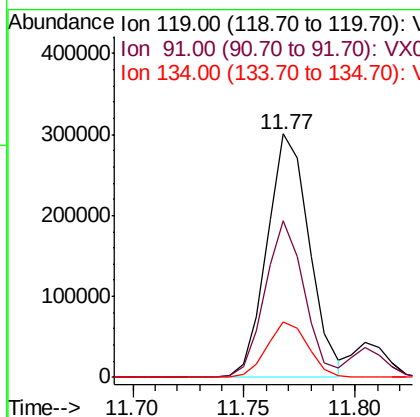
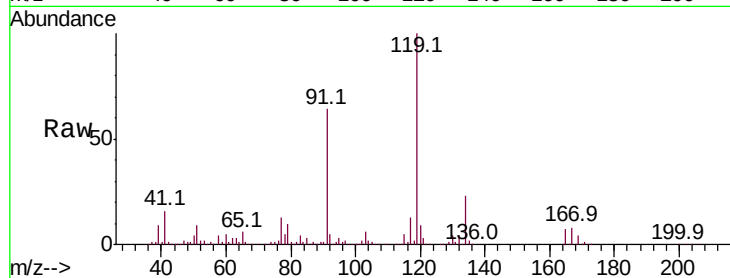
#83
tert-Butylbenzene
Concen: 44.026 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	396178		
91	60.1	30.0	90.1	
134	22.0	11.1	33.3	

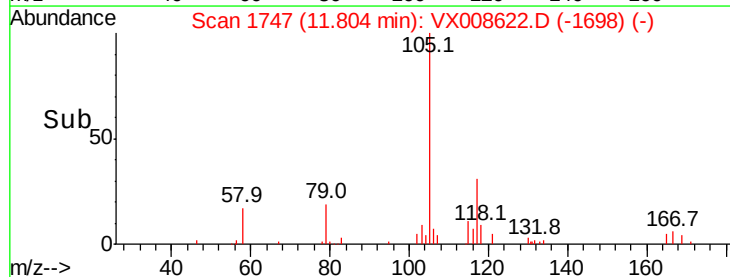
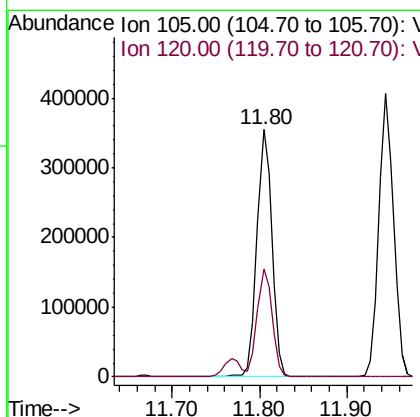
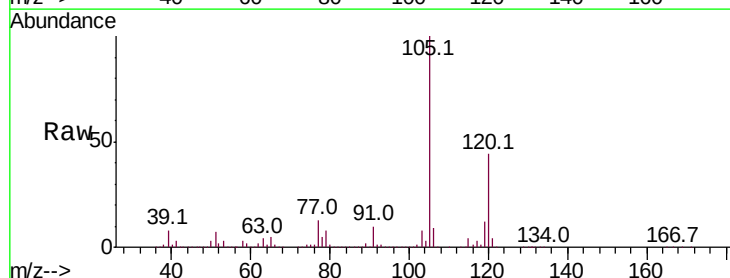
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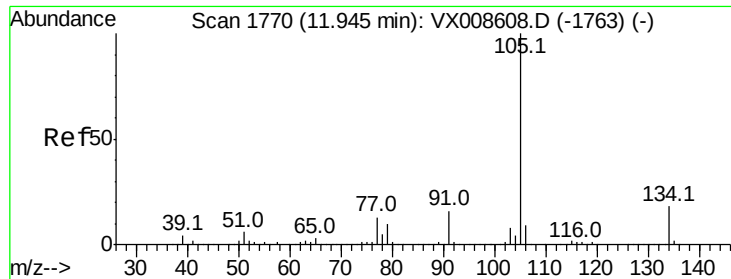
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#84
1,2,4-Trimethylbenzene
Concen: 44.238 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	418978		
120	43.3	21.8	65.3	





#85

sec-Butylbenzene

Concen: 44.750 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 478326

Ion Ratio Lower Upper

105 100

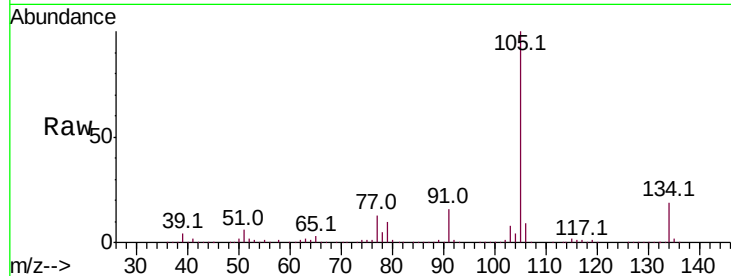
134 18.8 9.4 28.2

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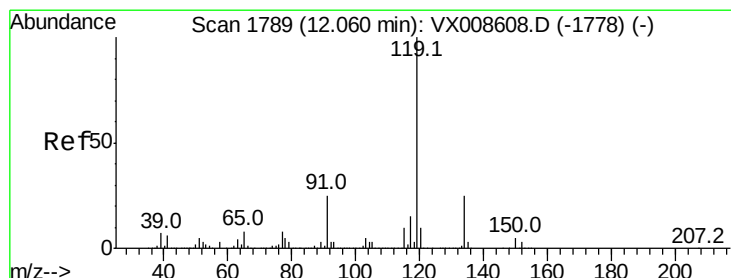
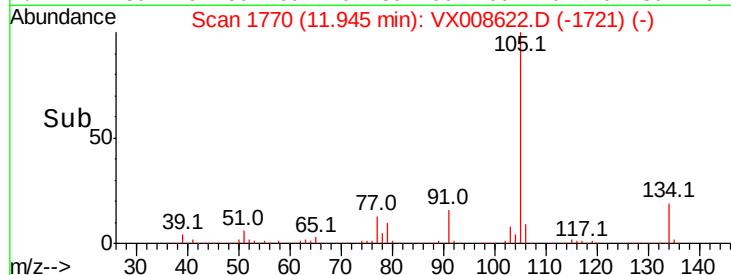
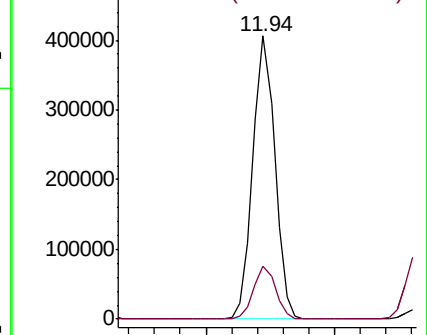
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.757 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

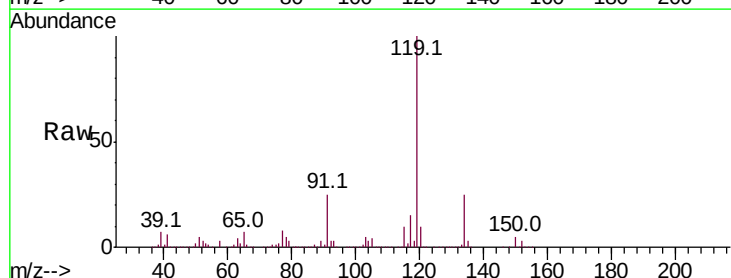
Tgt Ion:119 Resp: 429390

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

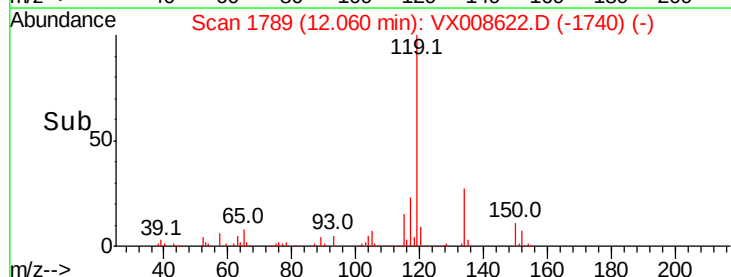
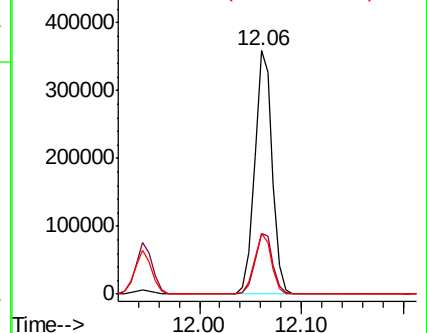
91 24.4 12.2 36.6

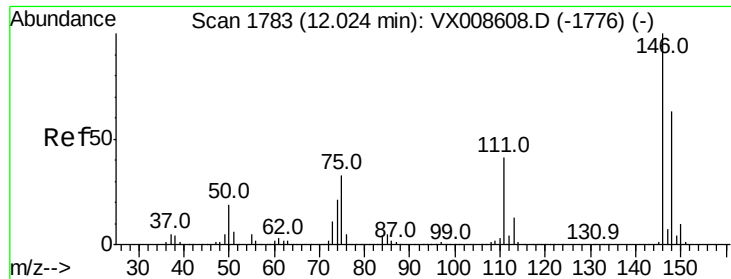


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





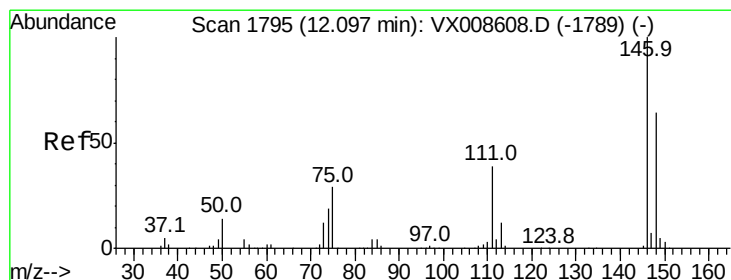
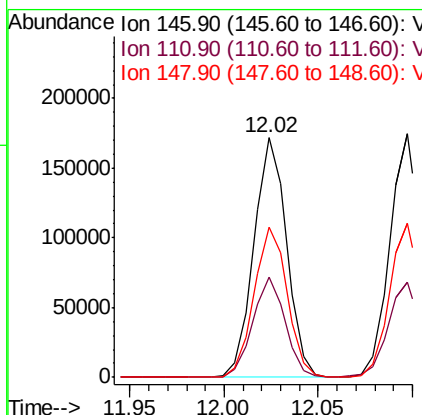
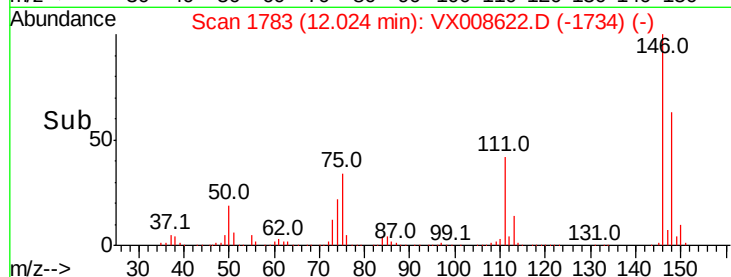
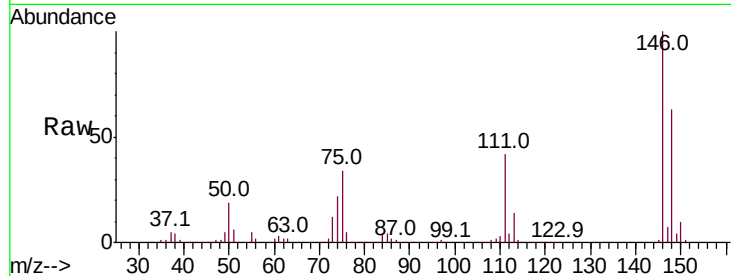
#87
 1,3-Dichlorobenzene
 Concen: 43.226 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.5
148	63.5	31.6	94.7

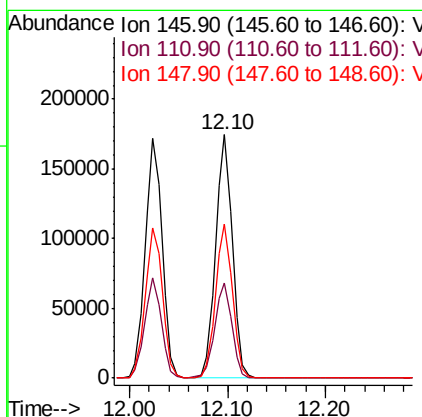
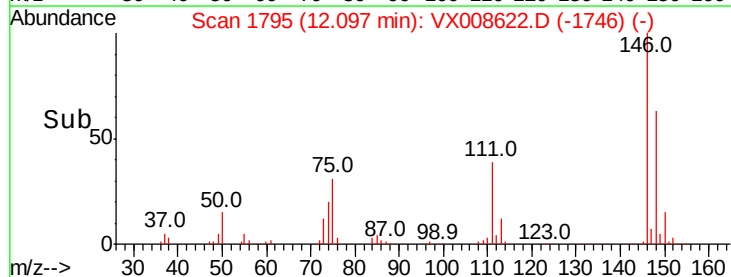
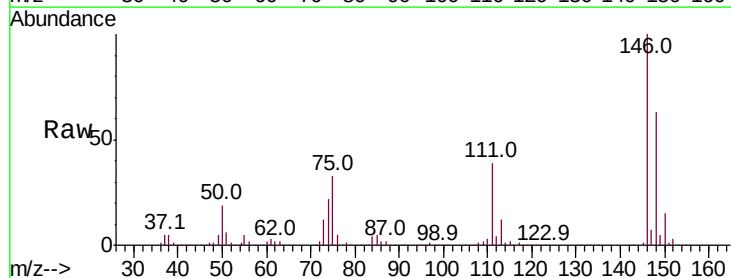
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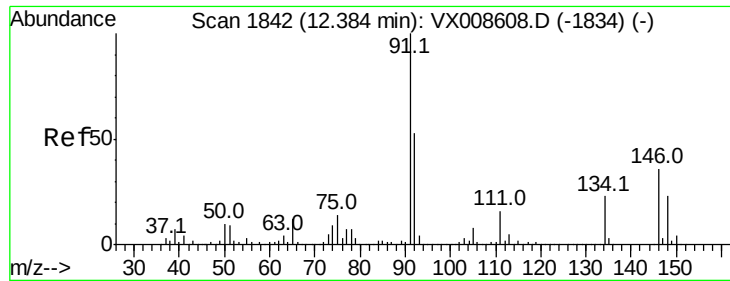
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#88
 1,4-Dichlorobenzene
 Concen: 42.544 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	63.7	32.0	96.0





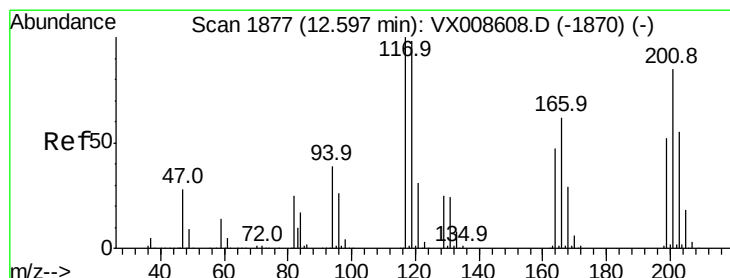
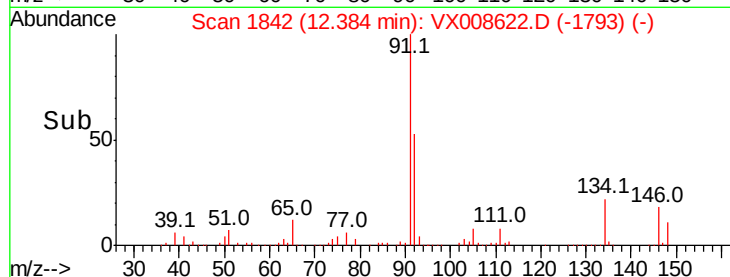
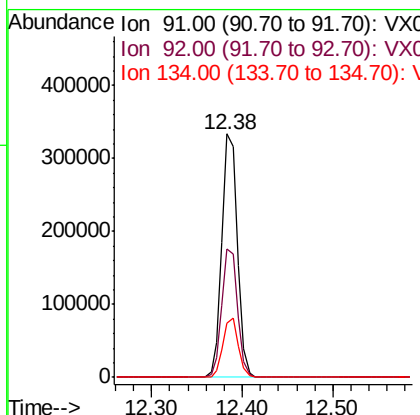
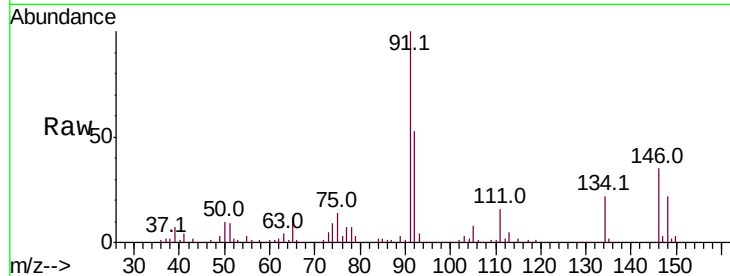
#89
n-Butylbenzene
Concen: 44.443 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	23.9	12.0	36.0

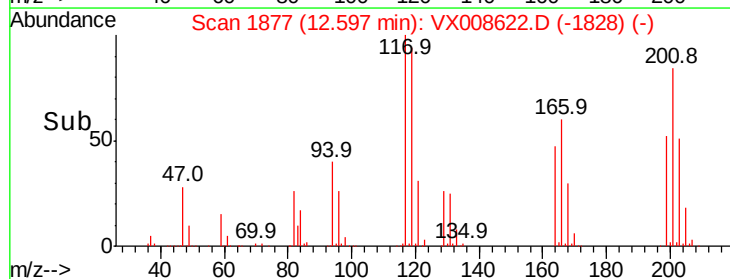
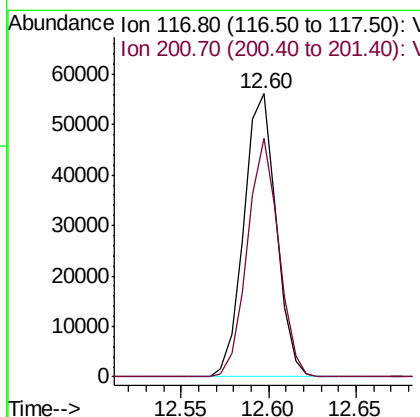
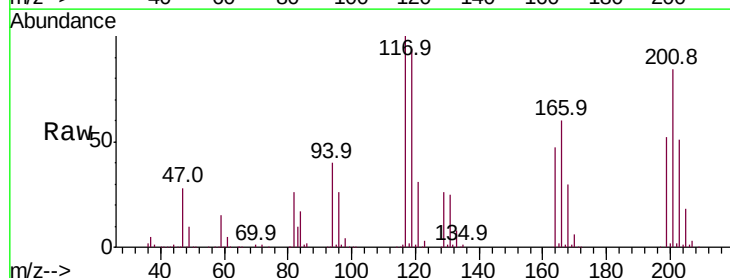
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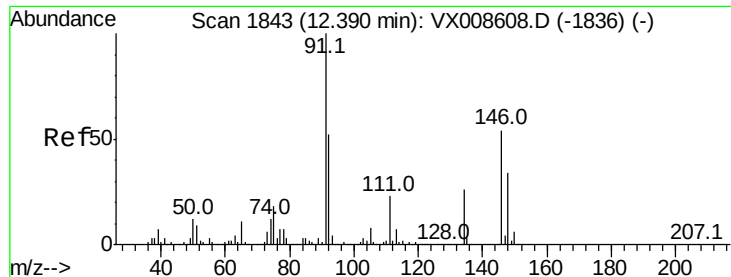
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#90
Hexachloroethane
Concen: 45.344 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008622.D
Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.3	40.6	122.0





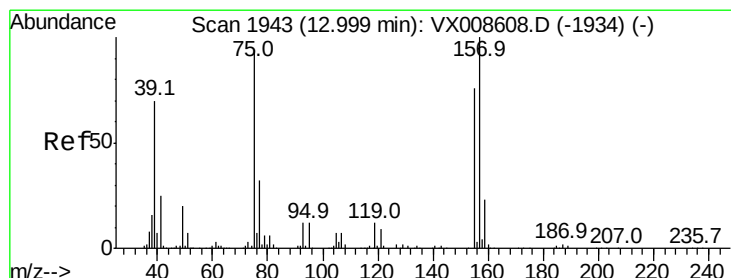
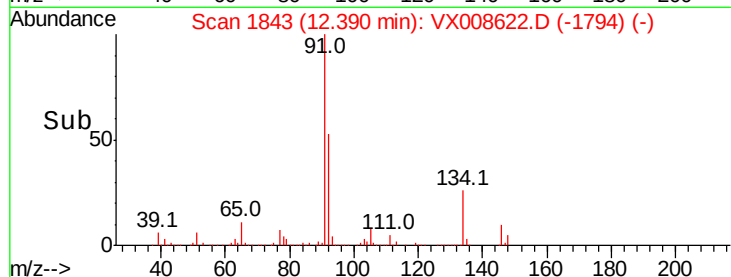
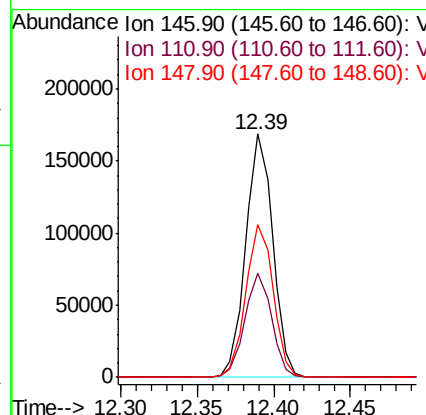
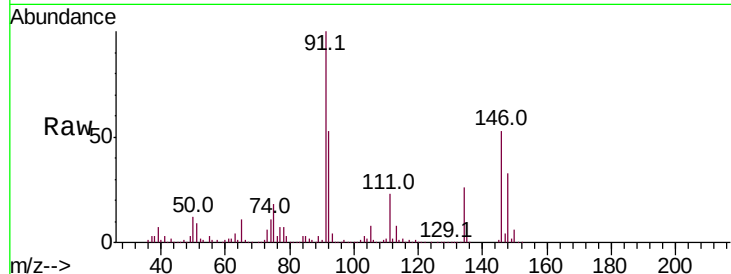
#91
 1,2-Dichlorobenzene
 Concen: 43.589 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.9
148	63.4	31.7	95.1

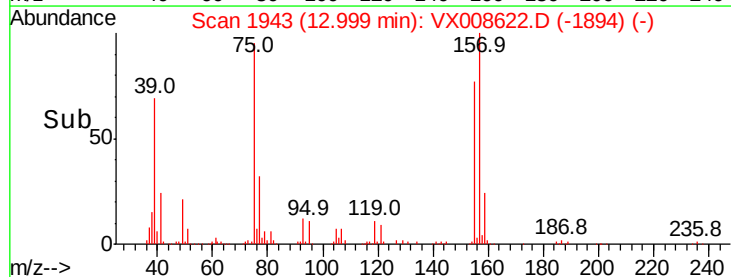
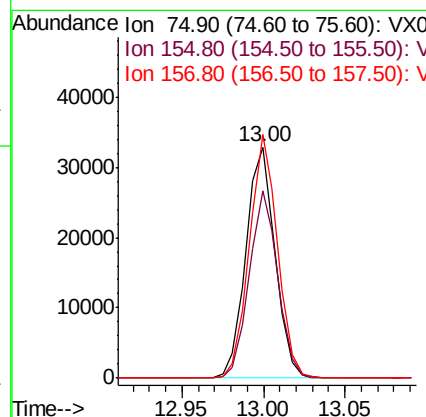
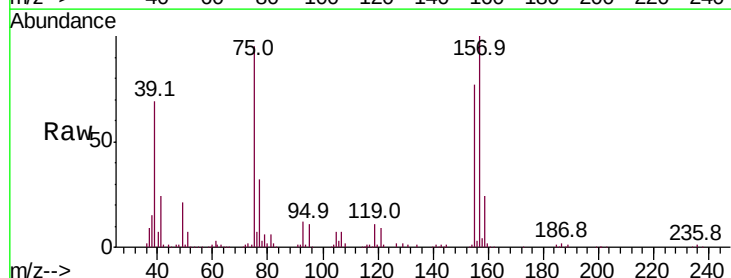
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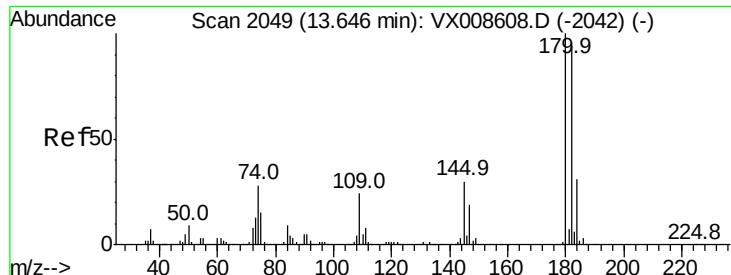
MMDadoda
 4/4/2019 3:37:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.978 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	39.9	119.6
157	101.5	51.5	154.7





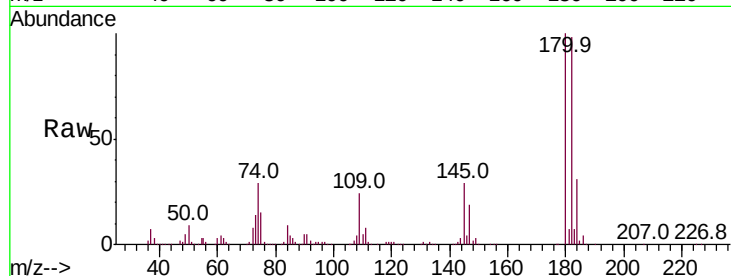
#93
 1,2,4-Trichlorobenzene
 Concen: 42.885 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

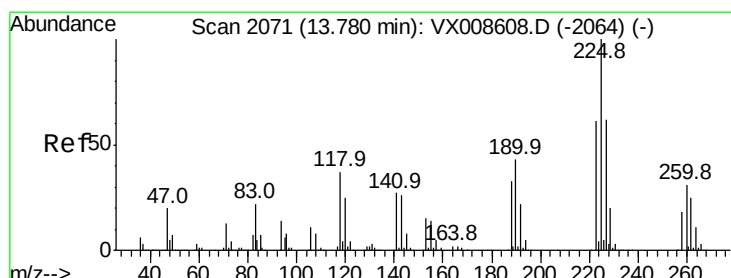
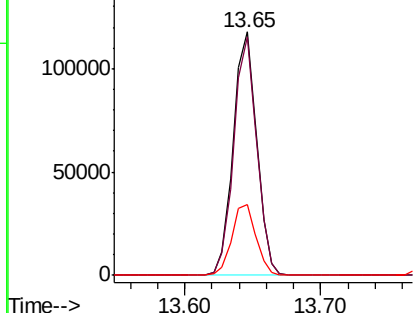
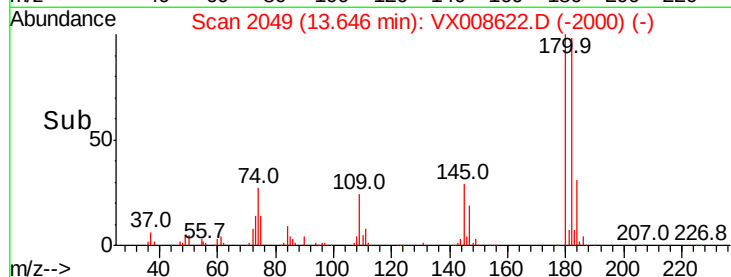
Tot Ion:	180	Resp:	141972
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.2	141.6
145	29.9	15.3	45.9

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:37:04 PM

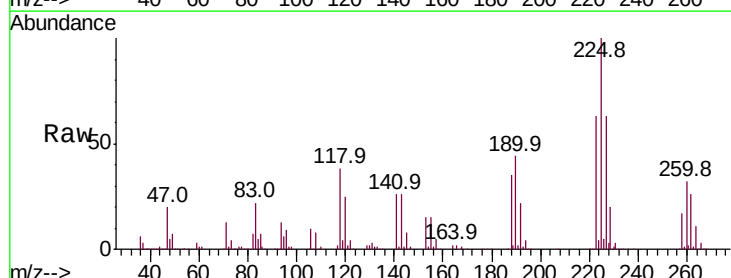


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

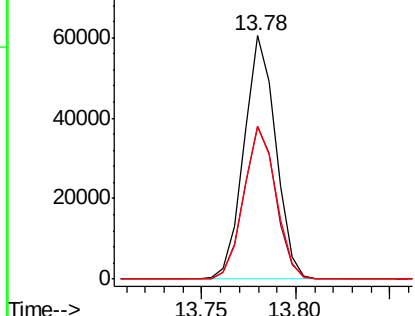
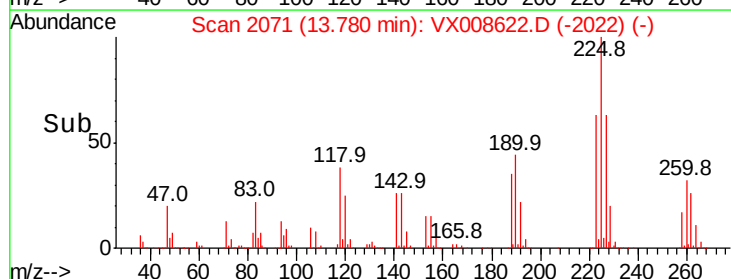


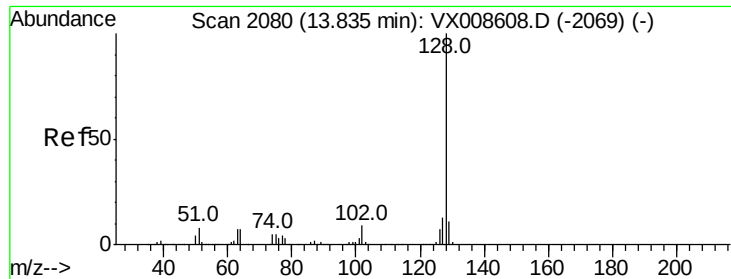
#94
 Hexachlorobutadiene
 Concen: 44.570 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008622.D
 Acq: 03 Apr 2019 19:17

Tgt Ion:	225	Resp:	70764
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.2	93.6
227	63.5	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 44.212 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

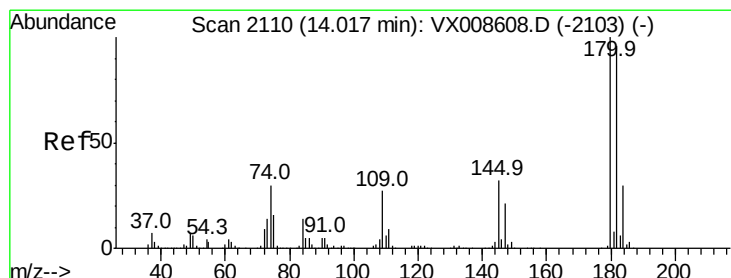
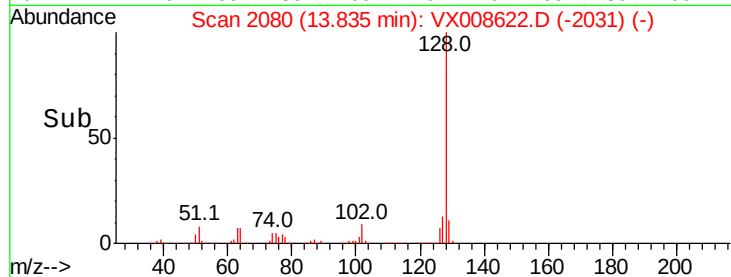
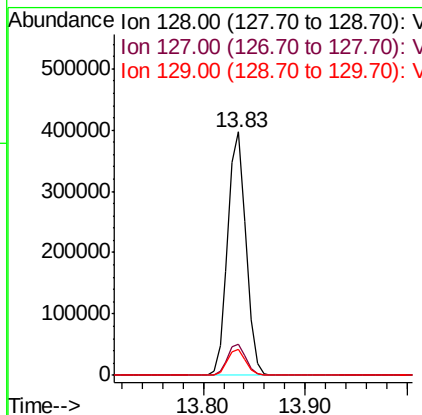
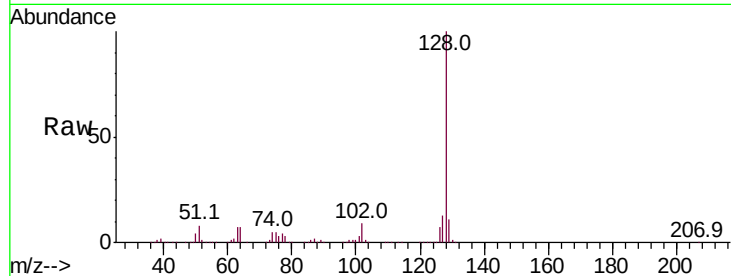
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	489186
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:04 PM



#96

1,2,3-Trichlorobenzene

Concen: 43.039 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008622.D

Acq: 03 Apr 2019 19:17

Tgt Ion:	180	Resp:	142359
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.1	144.3
145	31.9	16.3	48.8

