

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004885.D
 Acq On : 01 Oct 2018 22:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 7:07:54 PM

Quant Time: Oct 02 05:17:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194170	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	157603	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
35) Dibromofluoromethane	5.51	113	128927	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
50) Toluene-d8	8.72	98	482503	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	11.14	95	179150	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	171152	58.167	ug/l	98
3) Chloromethane	1.32	50	186839	52.338	ug/l	99
4) Vinyl Chloride	1.40	62	184188	55.011	ug/l	98
5) Bromomethane	1.64	94	142425	71.735	ug/l	99
6) Chloroethane	1.71	64	109839	60.694	ug/l	99
7) Trichlorofluoromethane	1.92	101	236909	57.155	ug/l	96
8) Diethyl Ether	2.19	74	94489	52.473	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	130893	55.437	ug/l	98
10) Methyl Iodide	2.51	142	133532	42.263	ug/l	98
11) Tert butyl alcohol	3.08	59	237082	275.047	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125363	53.612	ug/l	93
13) Acrolein	2.29	56	99827	162.774	ug/l	96
14) Allyl chloride	2.72	41	284907	55.842	ug/l	95
15) Acrylonitrile	3.15	53	530207	279.421	ug/l	99
16) Acetone	2.45	43	467861	259.955	ug/l	96
17) Carbon Disulfide	2.56	76	355491	50.594	ug/l	98
18) Methyl Acetate	2.78	43	278291	61.030	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	463930	57.519	ug/l	97
20) Methylene Chloride	2.85	84	146641	56.141	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	134865	52.688	ug/l	95
22) Diisopropyl ether	3.87	45	480399	55.917	ug/l	95
23) Vinyl Acetate	3.82	43	2131685	271.064	ug/l	96
24) 1,1-Dichloroethane	3.69	63	259893	50.713	ug/l	99
25) 2-Butanone	4.71	43	712722	268.655	ug/l	94
26) 2,2-Dichloropropane	4.58	77	171081	47.939	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	146251	51.145	ug/l	96
28) Bromochloromethane	5.02	49	121632	50.400	ug/l	90
29) Tetrahydrofuran	5.16	42	469830	284.938	ug/l	91
30) Chloroform	5.21	83	254694	52.585	ug/l	96
31) Cyclohexane	5.57	56	223845	57.069	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	215775	54.550	ug/l	100
36) 1,1-Dichloropropene	5.79	75	186682	49.682	ug/l	99
37) Ethyl Acetate	4.86	43	247630	49.648	ug/l	98
38) Carbon Tetrachloride	5.78	117	187856	47.561	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	215325	56.121	ug/l	97
40) Benzene	6.14	78	567067	48.205	ug/l	99
41) Methacrylonitrile	5.06	41	140712	50.871	ug/l	96
42) 1,2-Dichloroethane	6.20	62	203558	48.949	ug/l	97
43) Isopropyl Acetate	6.46	43	370483	51.463	ug/l	96
44) Trichloroethene	7.21	130	148357	51.302	ug/l	94
45) 1,2-Dichloropropane	7.52	63	155783	54.001	ug/l	99
46) Dibromomethane	7.66	93	98303	54.222	ug/l	97
47) Bromodichloromethane	7.90	83	189178	55.733	ug/l	99
48) Methyl methacrylate	7.78	41	198582	60.774	ug/l	94
49) 1,4-Dioxane	7.76	88	90818	1118.750	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1348025	297.391	ug/l	96
52) Toluene	8.79	92	355095	54.935	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	208852	54.448	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	228507	56.875	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	149750	52.889	ug/l	97
56) Ethyl methacrylate	9.18	69	234119	50.901	ug/l	94
57) 1,3-Dichloropropane	9.37	76	250369	53.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	653084	266.687	ug/l	94
59) 2-Hexanone	9.50	43	1076318	284.944	ug/l	93
60) Dibromochloromethane	9.59	129	155626	54.960	ug/l	99
61) 1,2-Dibromoethane	9.67	107	154816	51.056	ug/l	99
64) Tetrachloroethene	9.34	164	148612	48.552	ug/l	98
65) Chlorobenzene	10.14	112	393896	49.392	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	145406	51.864	ug/l	99
67) Ethyl Benzene	10.26	91	674796	53.297	ug/l	98
68) m/p-Xylenes	10.36	106	525179	106.148	ug/l	95
69) o-Xylene	10.70	106	252972	55.667	ug/l	96
70) Styrene	10.71	104	432080	50.801	ug/l	97
71) Bromoform	10.86	173	128320	53.461	ug/l	100
73) Isopropylbenzene	11.02	105	679795	55.544	ug/l	99
74) N-amyl acetate	10.90	43	335112	49.823	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	249072	49.994	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	227106m	52.184	ug/l	
77) Bromobenzene	11.26	156	182727	51.402	ug/l	97
78) n-propylbenzene	11.36	91	780985	55.616	ug/l	100
79) 2-Chlorotoluene	11.42	91	474953	54.262	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	581484	51.845	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	71306	44.898	ug/l	98
82) 4-Chlorotoluene	11.51	91	559394	54.296	ug/l	99
83) tert-Butylbenzene	11.77	119	566195	56.189	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	602167	52.062	ug/l	98
85) sec-Butylbenzene	11.94	105	682697	55.623	ug/l	98
86) p-Isopropyltoluene	12.07	119	618585	55.628	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	337929	50.909	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	344593	50.289	ug/l	99
89) n-Butylbenzene	12.39	91	551977	54.656	ug/l	97
90) Hexachloroethane	12.60	117	99470	53.726	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	344623	49.679	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59324	54.232	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	253807	52.158	ug/l	99
94) Hexachlorobutadiene	13.79	225	123501	48.943	ug/l	97
95) Naphthalene	13.83	128	826059	51.129	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	262385	52.197	ug/l	100

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

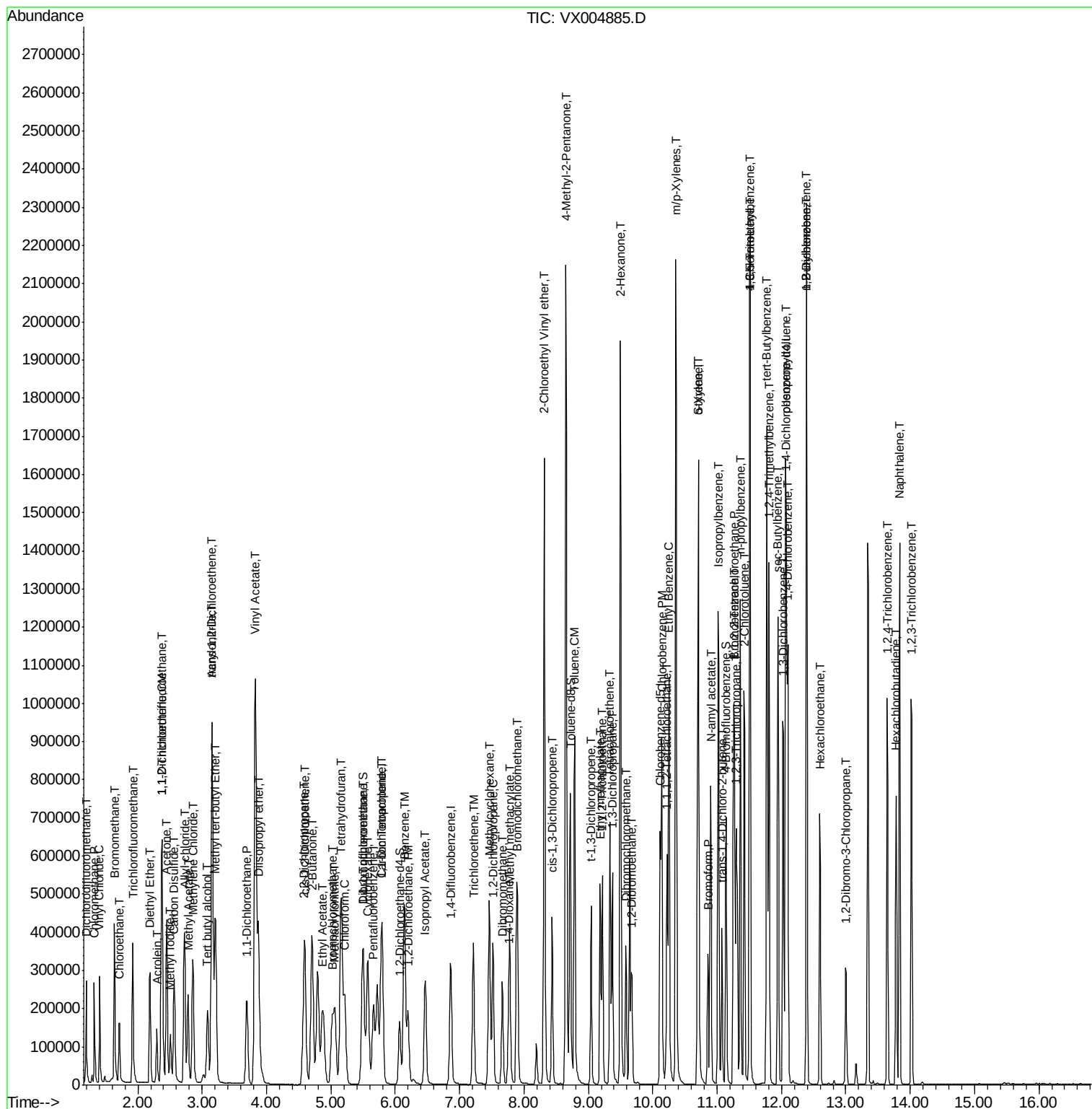
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Data File : VX004885.D
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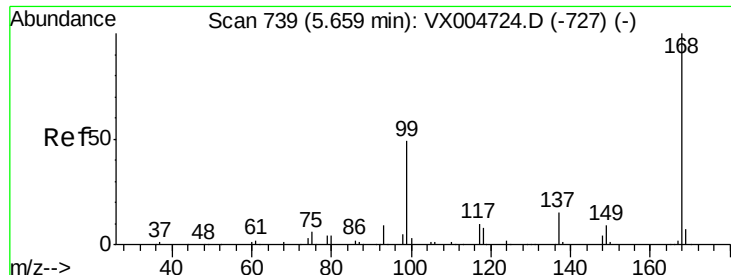
Instrument :
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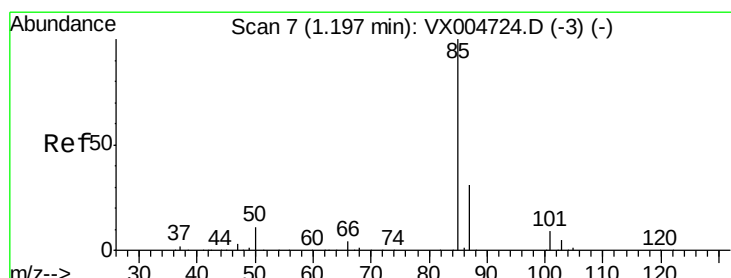
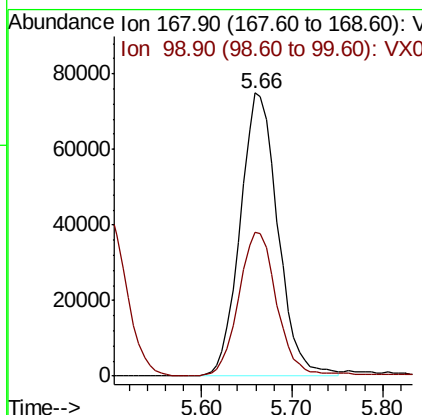
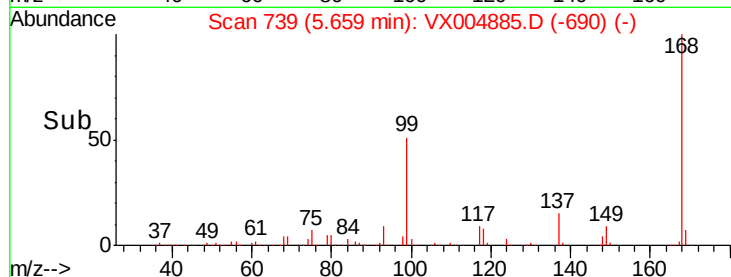
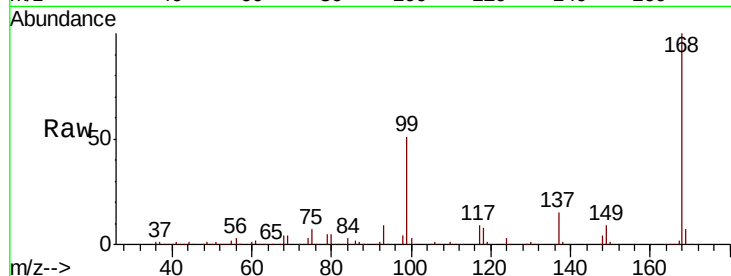
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 215804
Ion Ratio Lower Upper
168 100
99 50.5 39.9 59.9

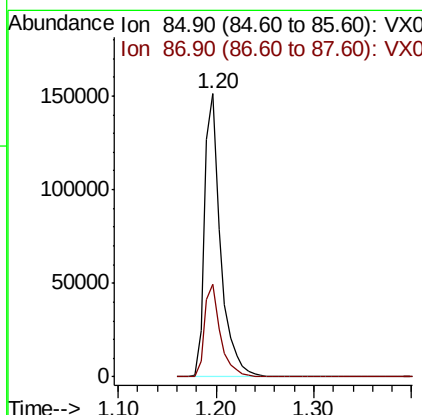
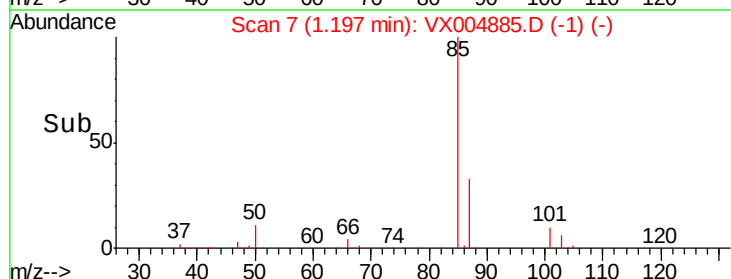
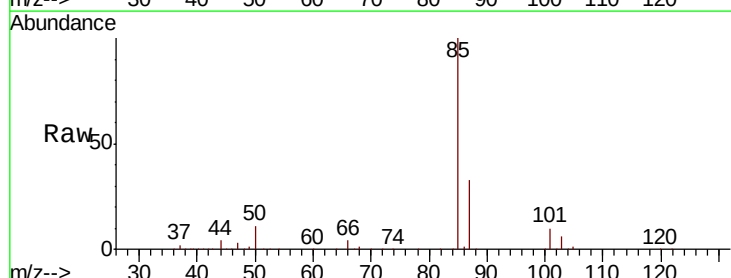
Manual Integrations
APPROVED

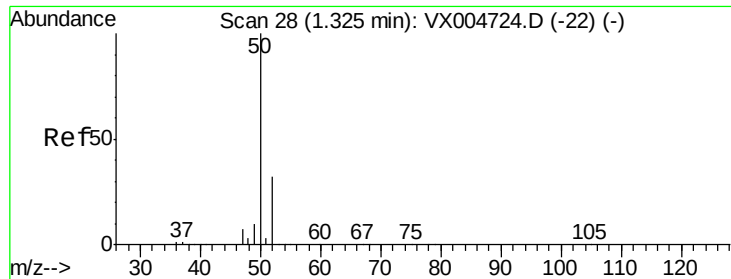
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#2
Dichlorodifluoromethane
Concen: 58.167 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion: 85 Resp: 171152
Ion Ratio Lower Upper
85 100
87 32.7 17.0 50.9





#3

Chloromethane

Concen: 52.338 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 186839

Ion Ratio Lower Upper

50 100

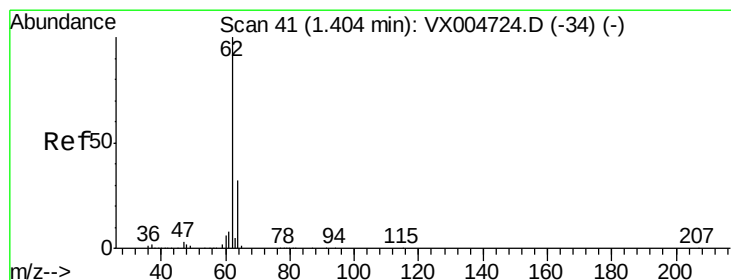
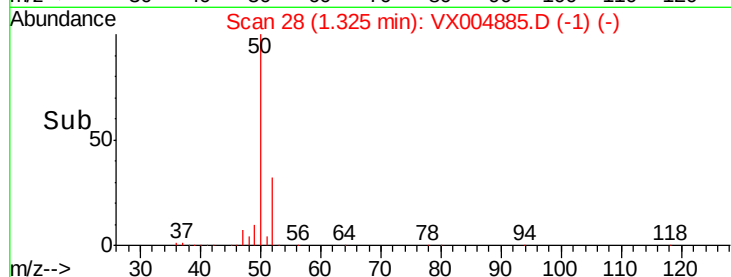
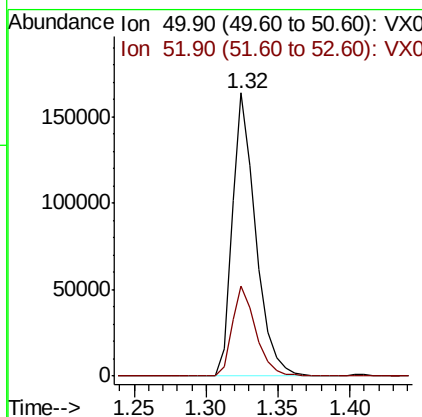
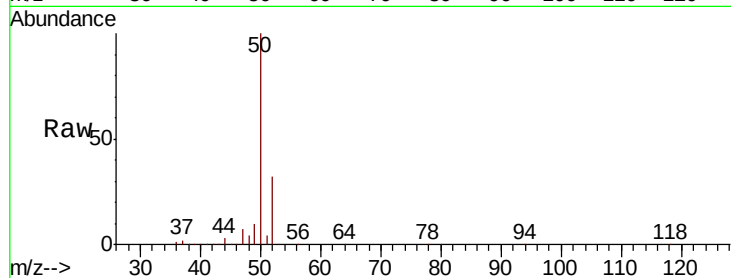
52 32.0 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.011 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004885.D

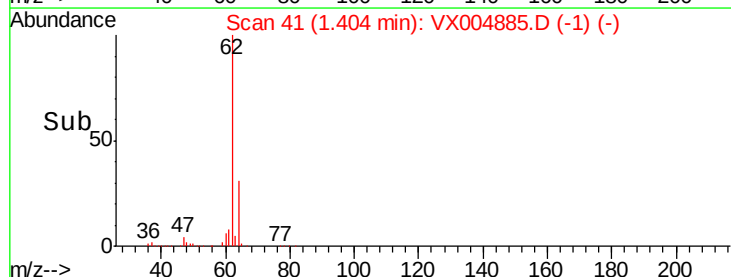
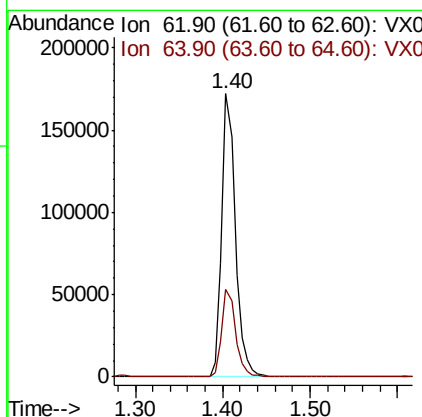
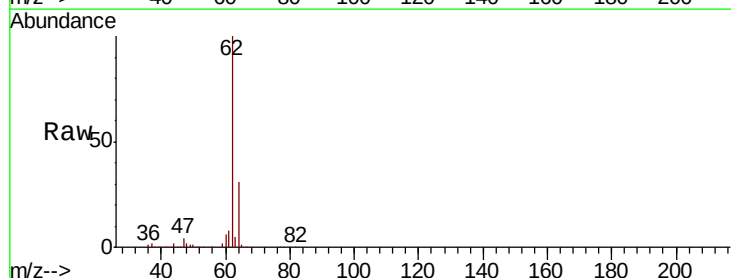
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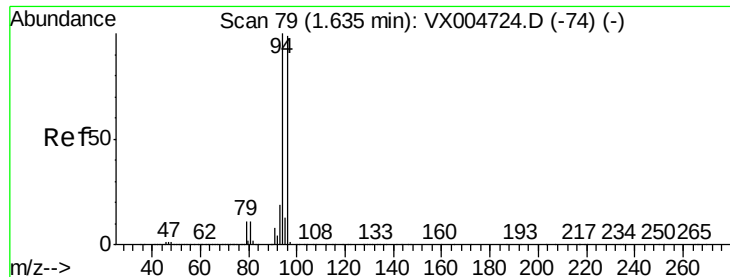
Tgt Ion: 62 Resp: 184188

Ion Ratio Lower Upper

62 100

64 31.1 25.8 38.8





#5

Bromomethane

Concen: 71.735 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 142425

Ion Ratio Lower Upper

94 100

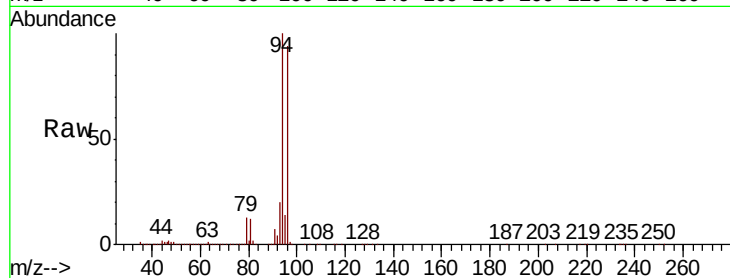
96 94.2 74.5 111.7

Manual Integrations

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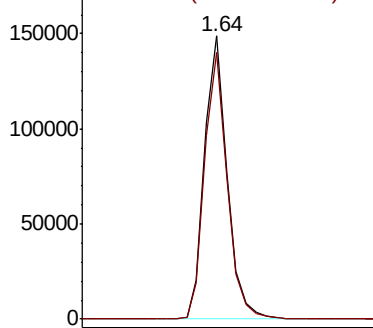
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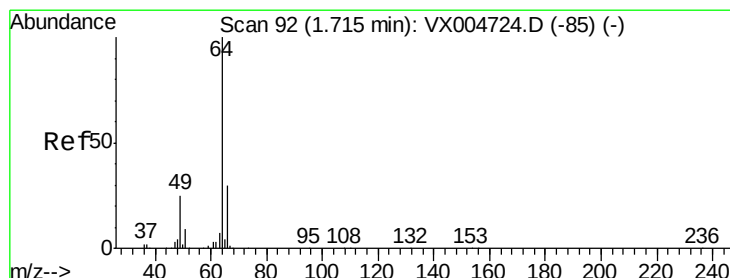
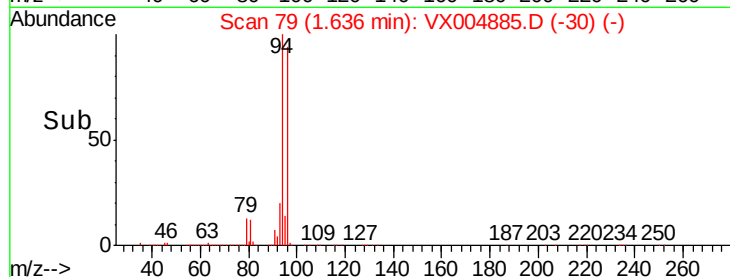


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 60.694 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004885.D

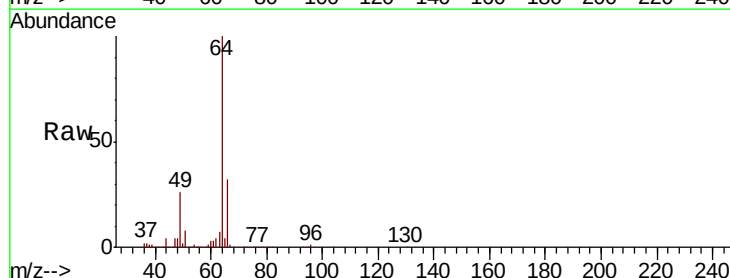
Acq: 01 Oct 2018 22:10

Tgt Ion: 64 Resp: 109839

Ion Ratio Lower Upper

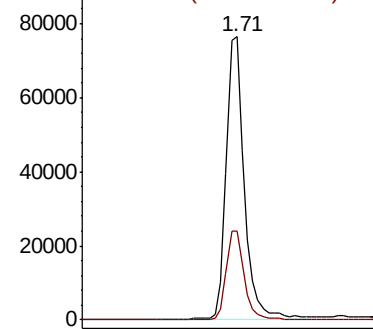
64 100

66 31.5 24.6 36.8

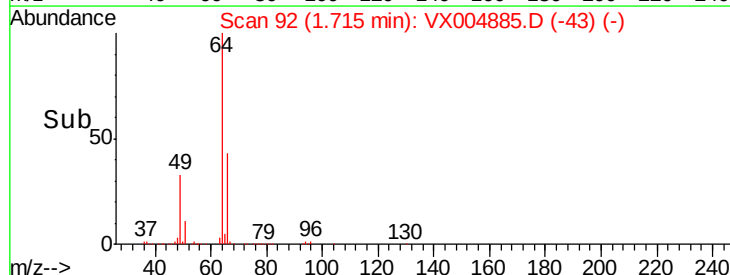


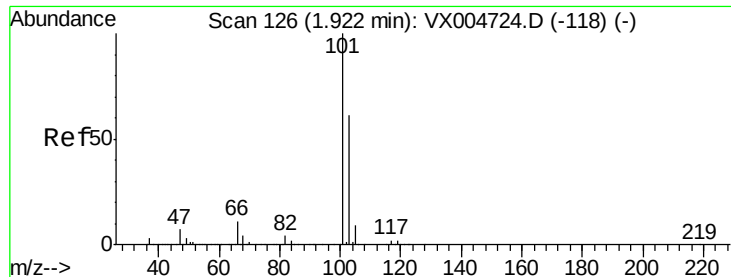
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

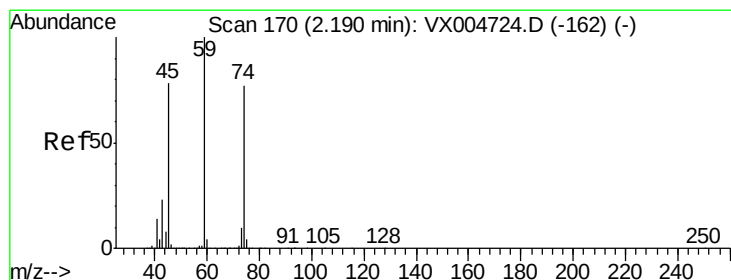
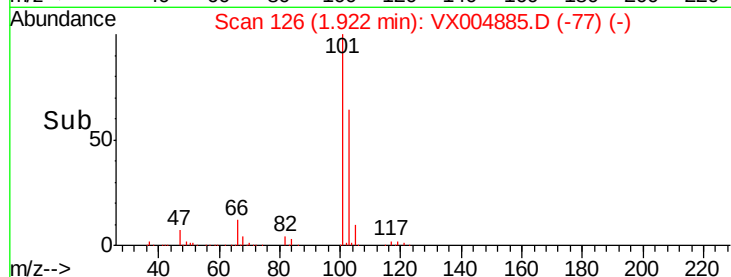
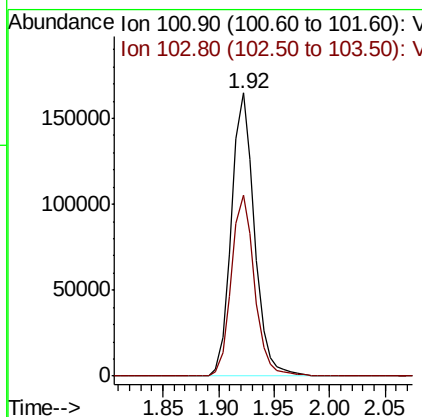
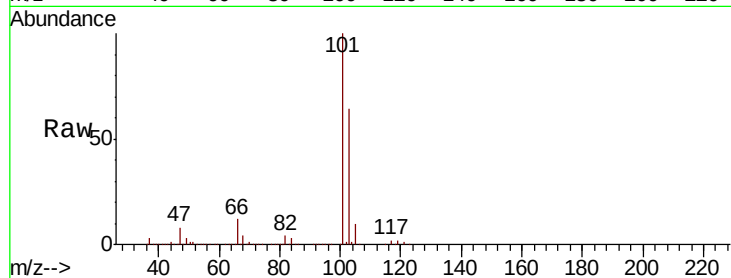
Trichlorofluoromethane
 Concen: 57.155 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	48.9	73.3

Manual Integrations
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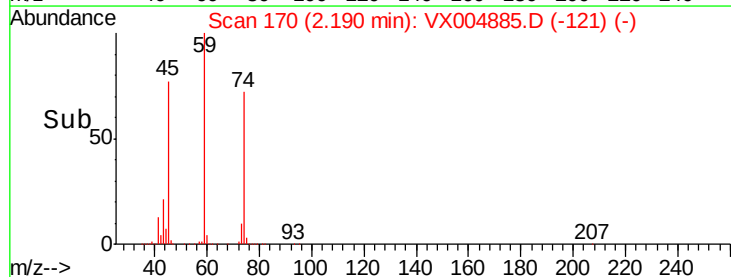
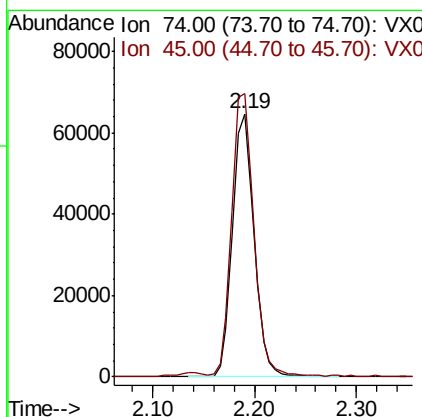
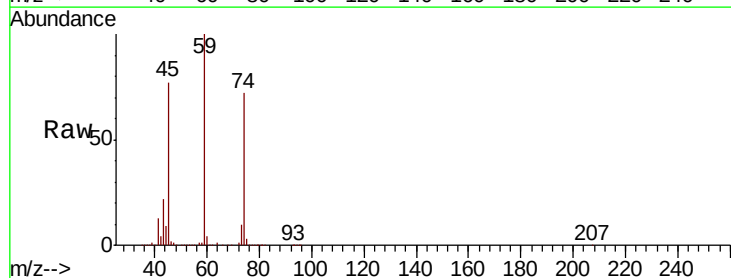
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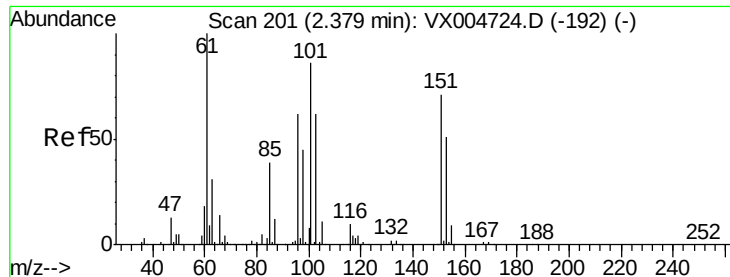


#8

Diethyl Ether
 Concen: 52.473 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.9	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.437 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

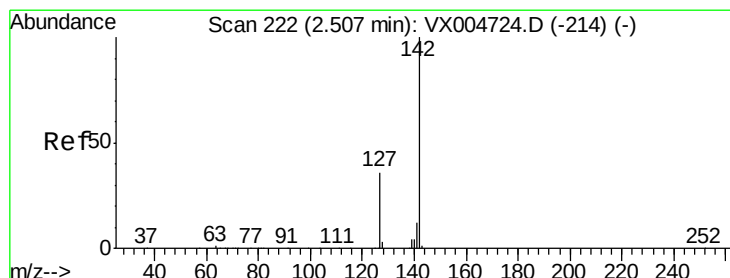
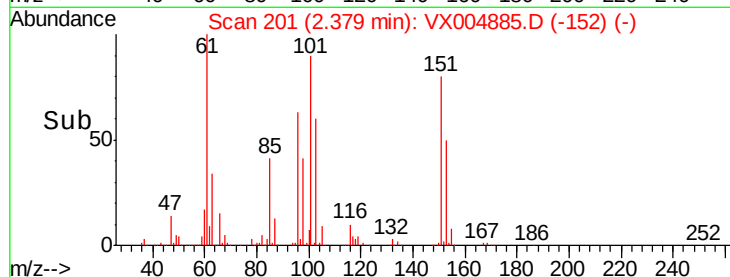
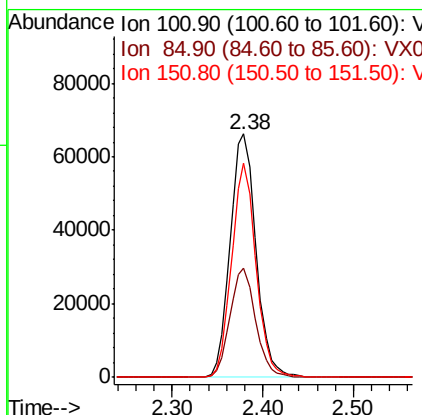
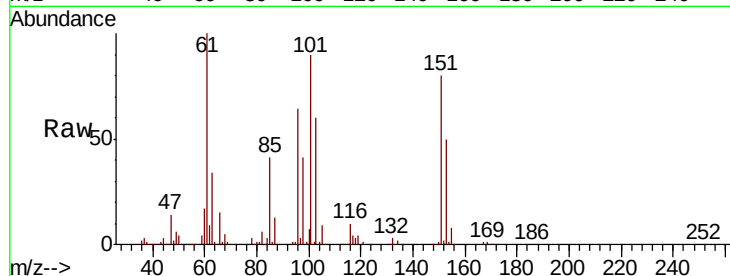
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	130893
Ion Ratio	Lower	Upper	
101	100		
85	44.6	34.2	51.4
151	83.0	65.0	97.6

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#10

Methyl Iodide

Concen: 42.263 ug/l

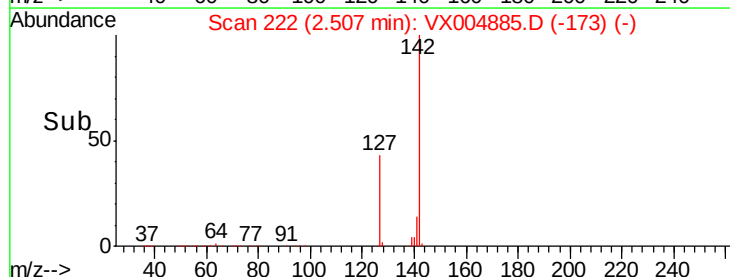
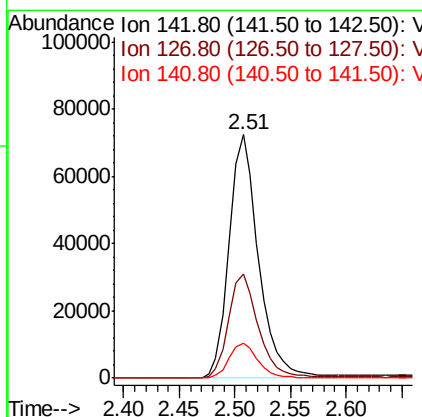
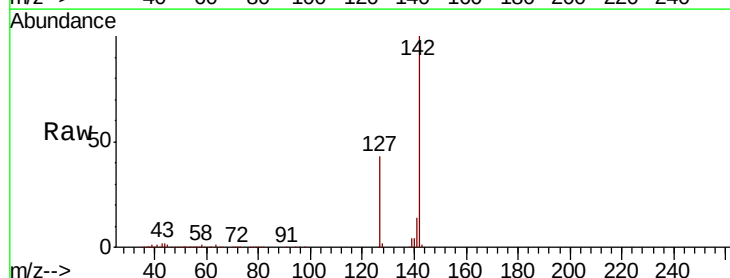
RT: 2.51 min Scan# 222

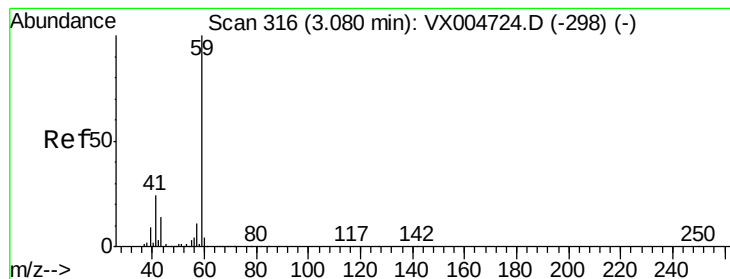
Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Tgt Ion:	142	Resp:	133532
Ion Ratio	Lower	Upper	
142	100		
127	43.9	33.8	50.6
141	14.2	11.4	17.0





#11

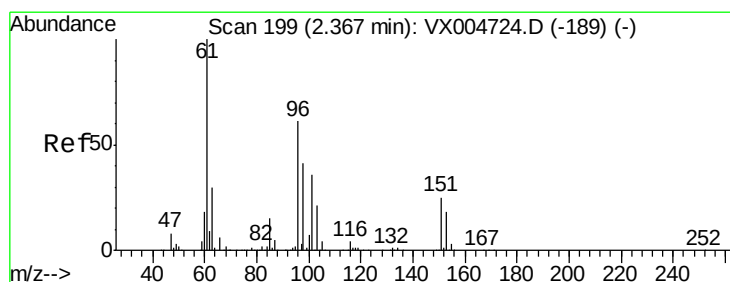
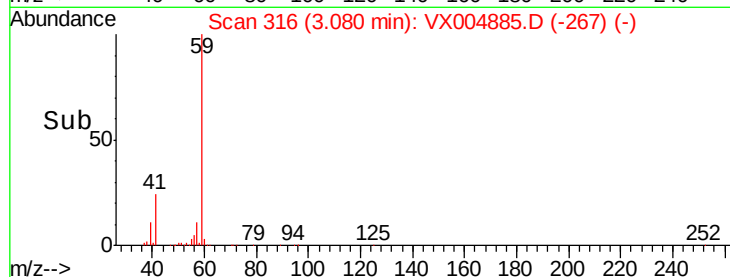
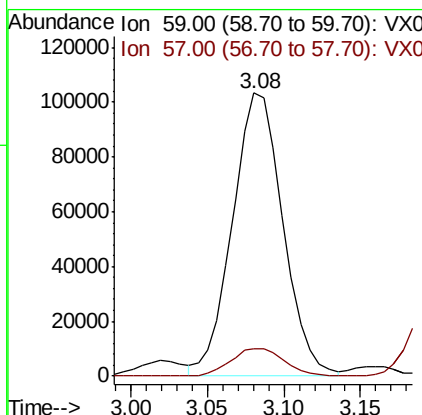
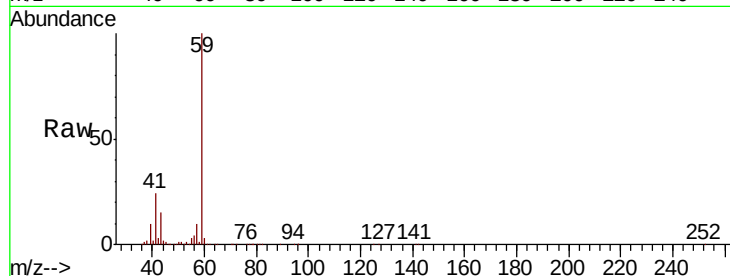
Tert butyl alcohol
Concen: 275.047 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

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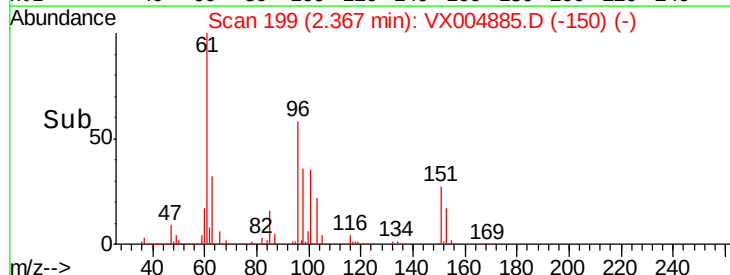
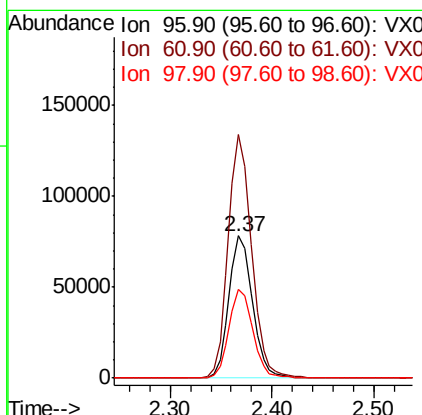
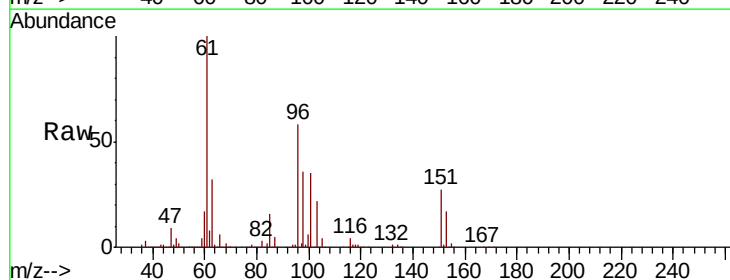
MMDadoda
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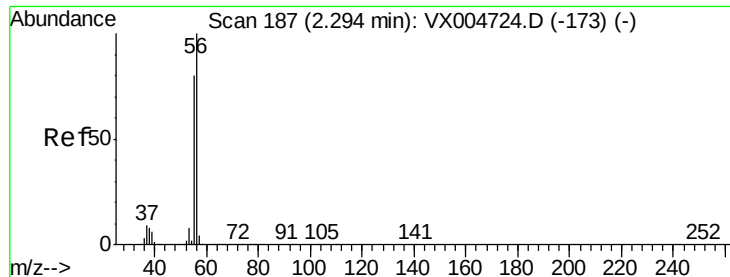


#12

1,1-Dichloroethene
Concen: 53.612 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.2	128.8	193.2
98	62.1	52.2	78.2





#13

Acrolein

Concen: 162.774 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 99827

Ion Ratio Lower Upper

56 100

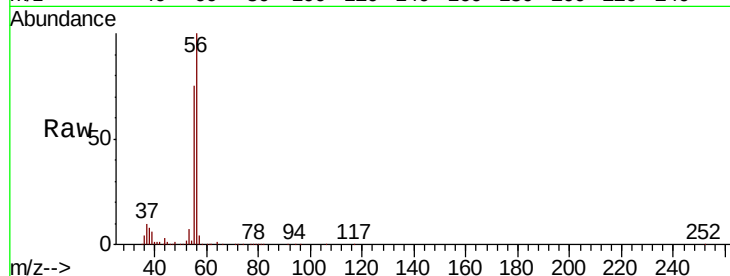
55 71.7 54.7 82.1

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

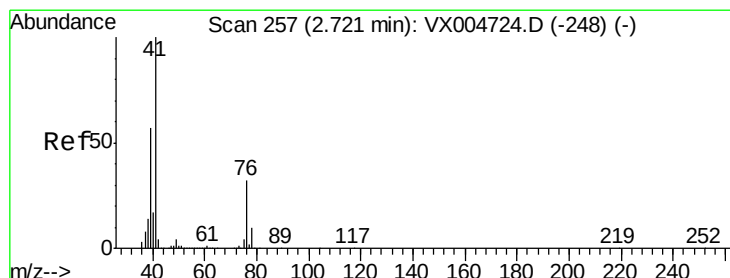
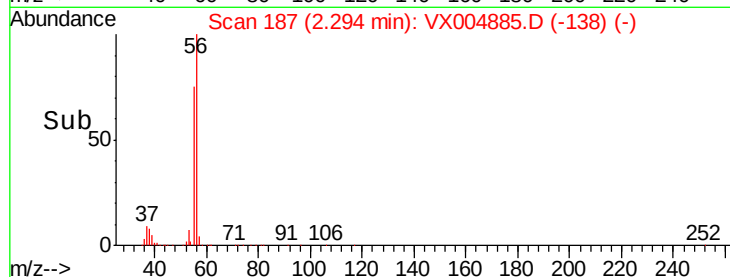
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 55.842 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

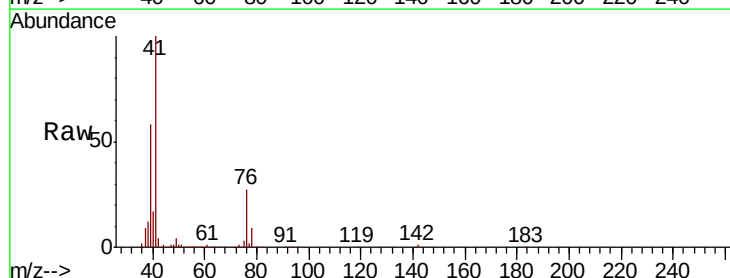
Tgt Ion: 41 Resp: 284907

Ion Ratio Lower Upper

41 100

39 58.5 48.9 73.3

76 28.1 26.7 40.1



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

200000

150000

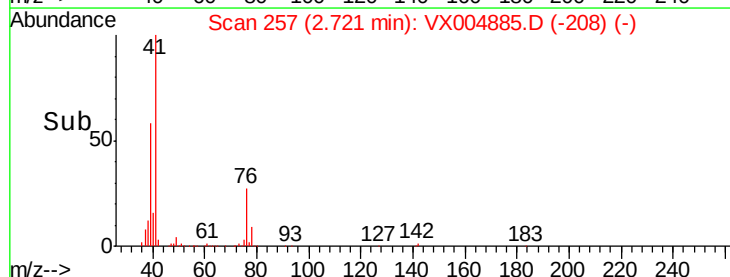
100000

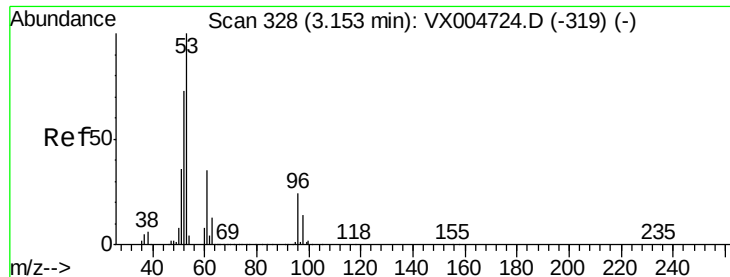
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 279.421 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

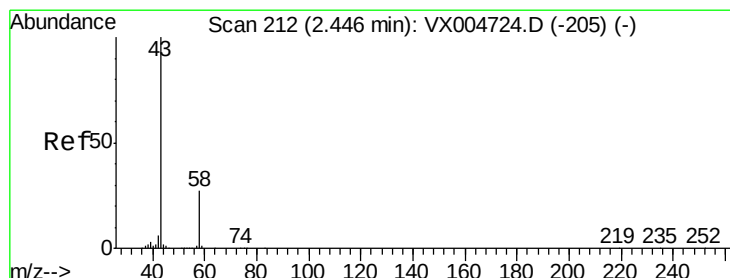
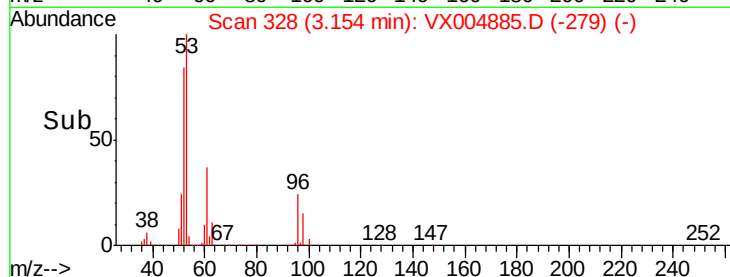
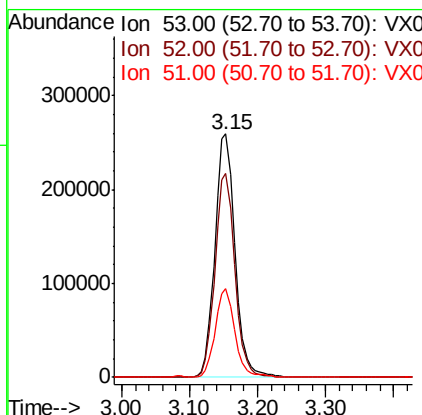
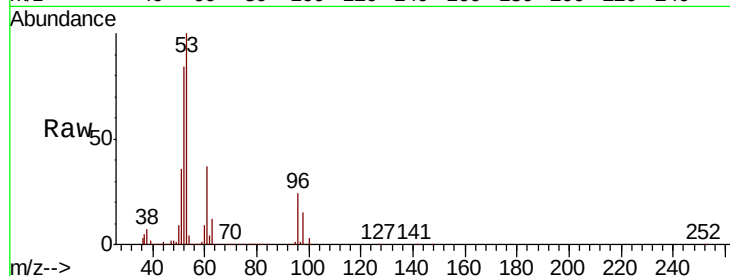
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	530207
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.2	97.8
51	35.8	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 259.955 ug/l

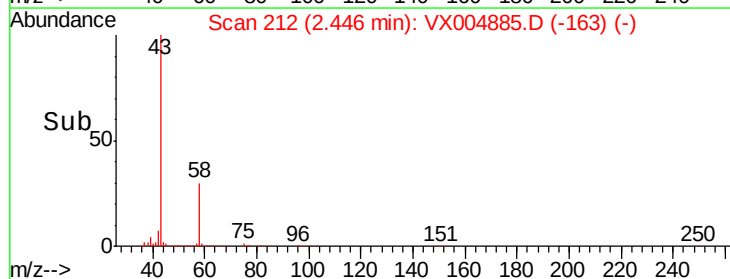
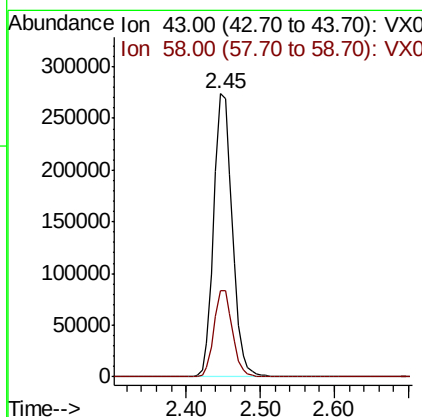
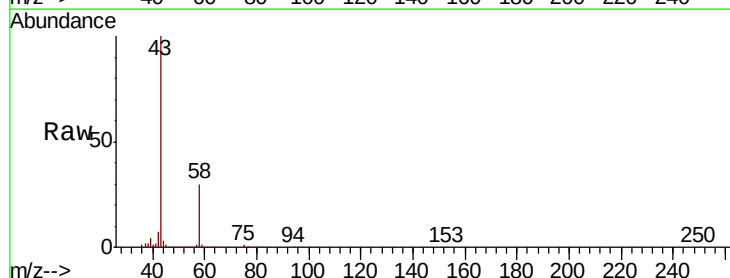
RT: 2.45 min Scan# 212

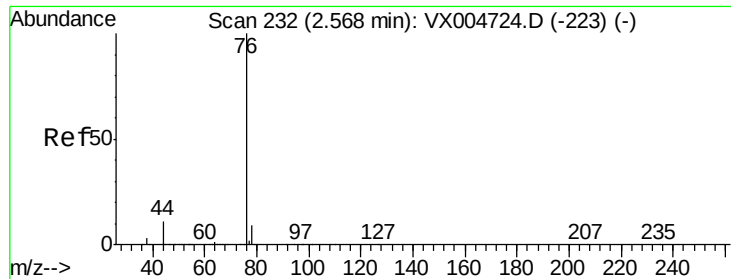
Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Tgt Ion:	43	Resp:	467861
Ion Ratio	Lower	Upper	
43	100		
58	30.3	26.2	39.4





#17

Carbon Disulfide

Concen: 50.594 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 355491

Ion Ratio Lower Upper

76 100

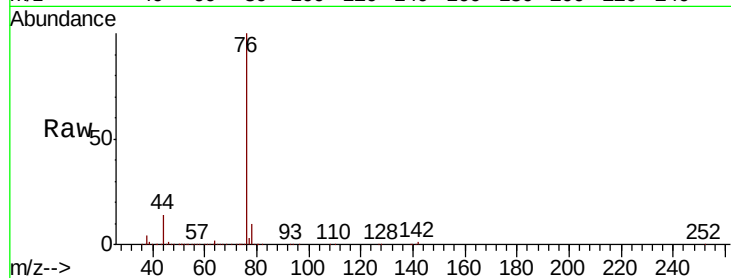
78 9.5 7.0 10.6

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

2.56

200000

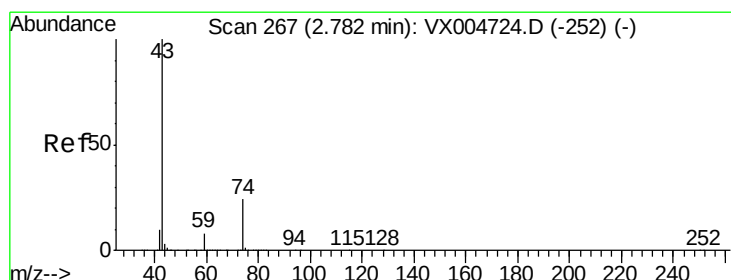
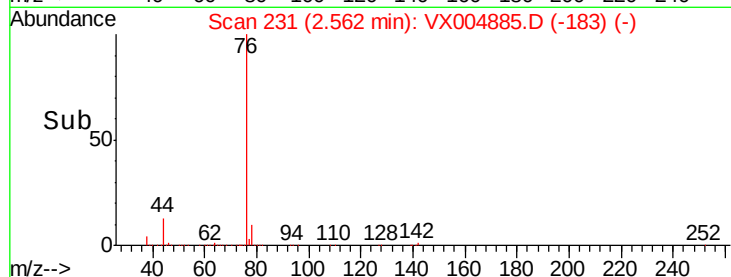
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 61.030 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX004885.D

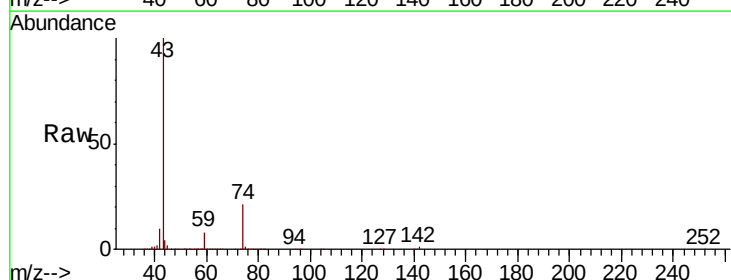
Acq: 01 Oct 2018 22:10

Tgt Ion: 43 Resp: 278291

Ion Ratio Lower Upper

43 100

74 20.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

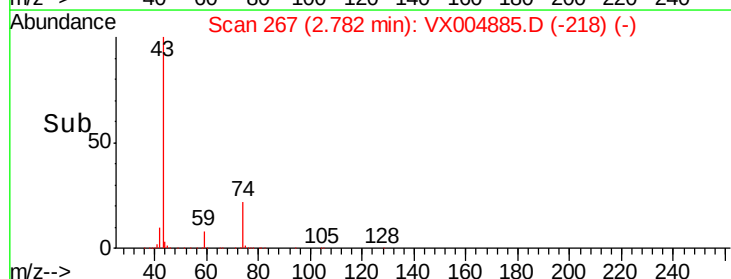
150000

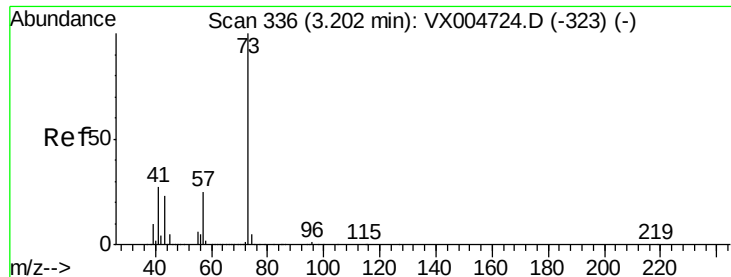
100000

50000

0

Time-->





#19

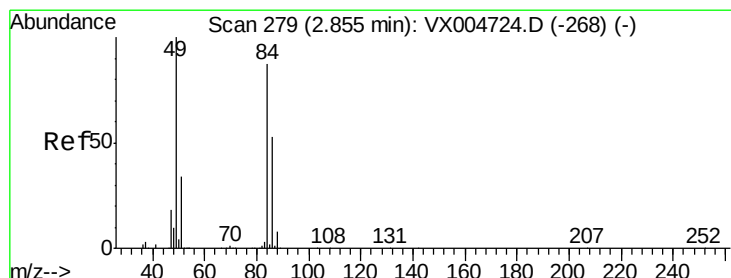
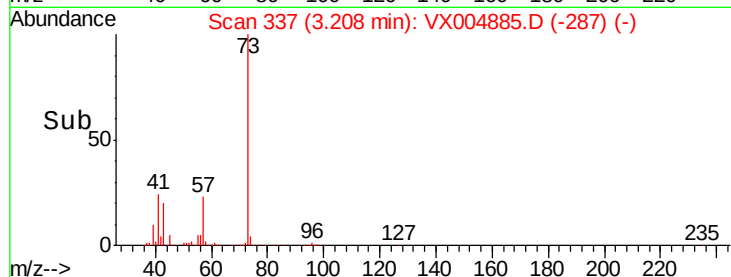
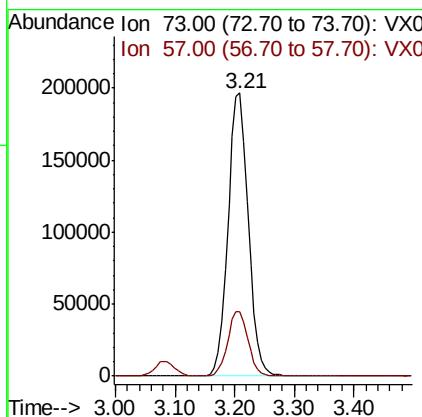
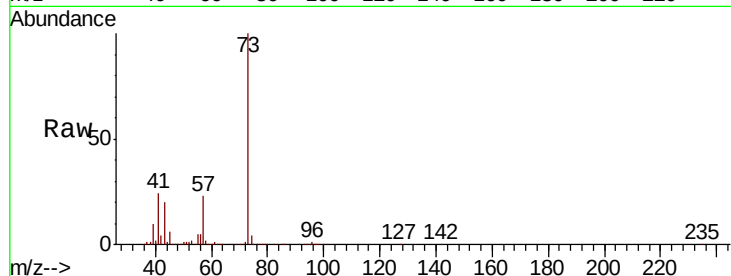
Methyl tert-butyl Ether
 Concen: 57.519 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.1	25.7

Manual Integrations
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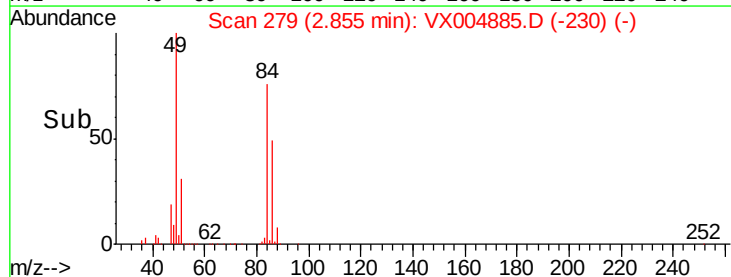
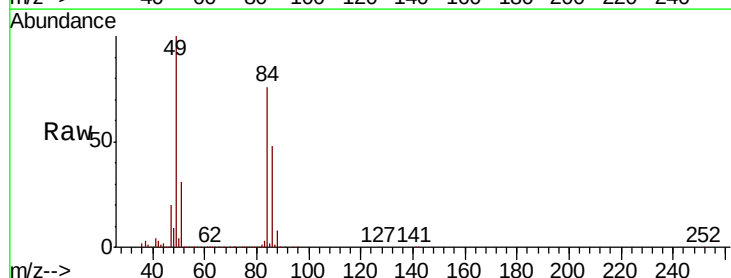
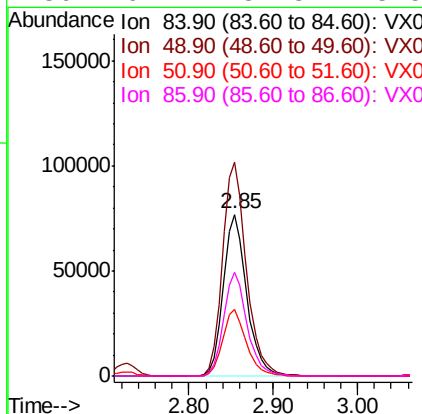
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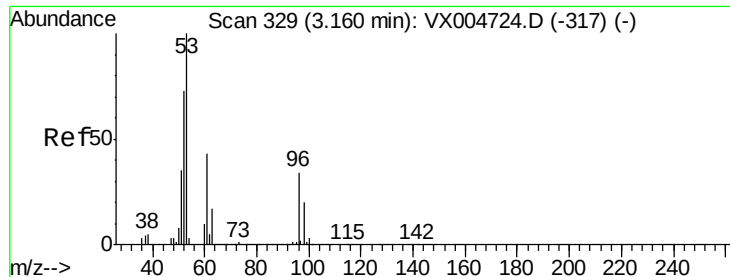


#20

Methylene Chloride
 Concen: 56.141 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.1	101.2	151.8
51	41.1	29.5	44.3
86	64.1	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 52.688 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 134865

Ion Ratio Lower Upper

96 100

61 150.9 113.8 170.6

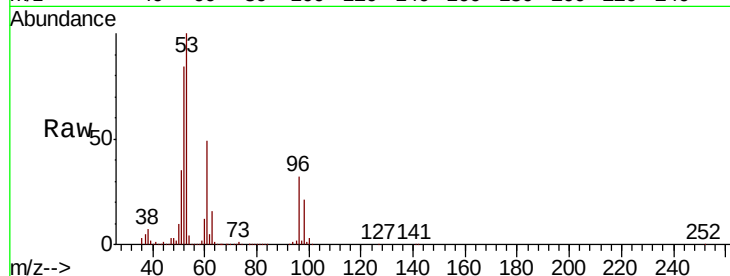
98 63.7 51.8 77.8

Manual Integrations

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MMDadoda

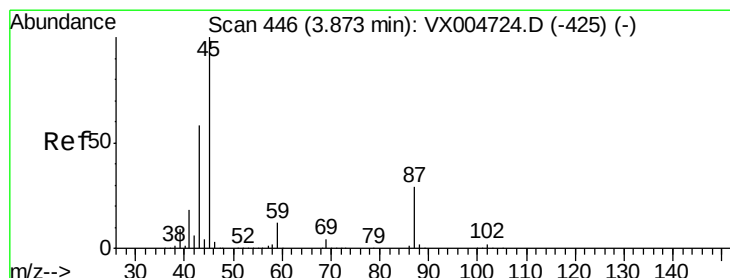
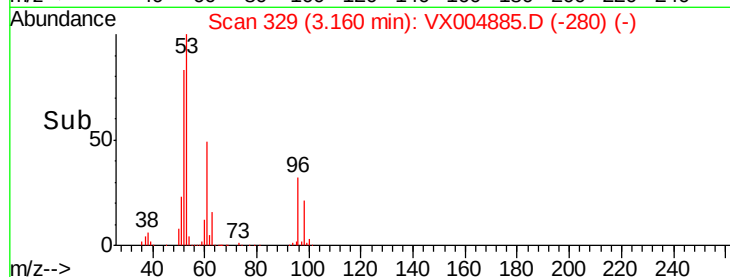
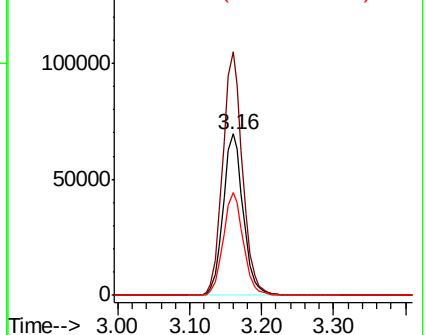
10/4/2018 7:07:54 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.917 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Tgt Ion: 45 Resp: 480399

Ion Ratio Lower Upper

45 100

43 57.0 42.8 64.2

87 24.7 22.6 34.0

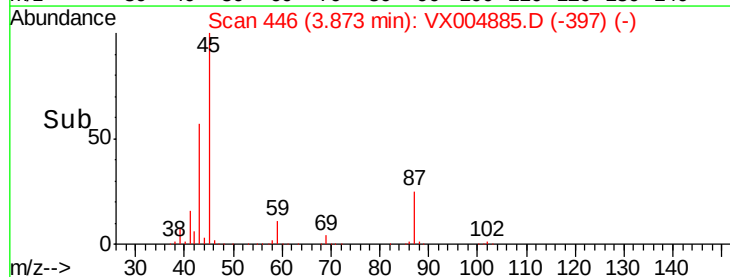
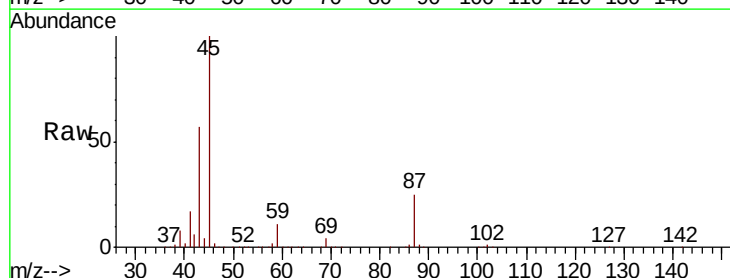
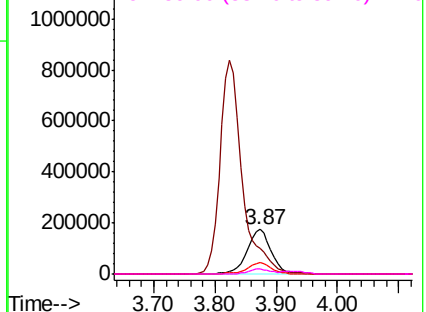
59 11.1 9.6 14.4

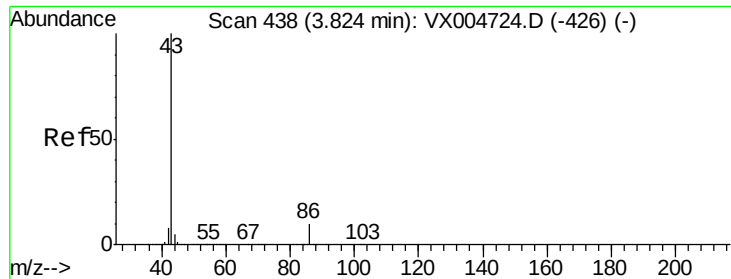
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 271.064 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2131685

Ion Ratio Lower Upper

43 100

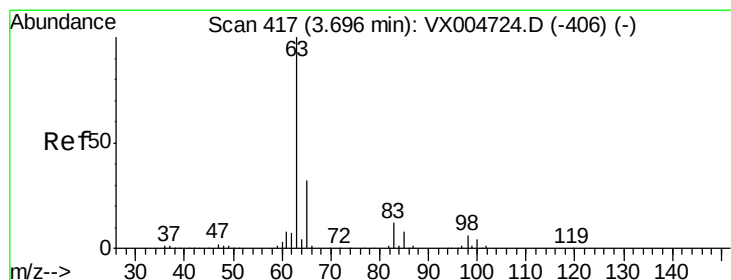
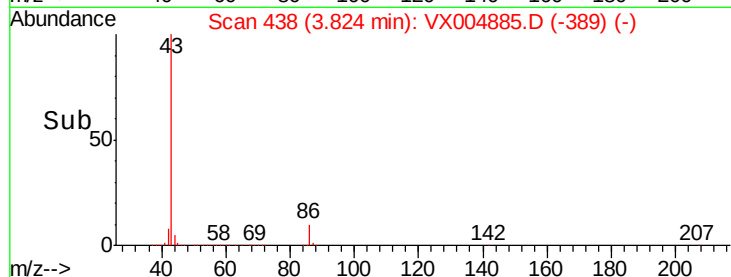
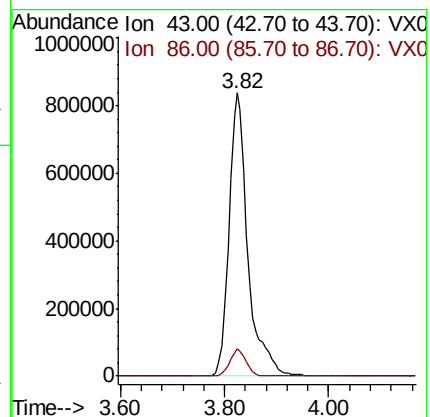
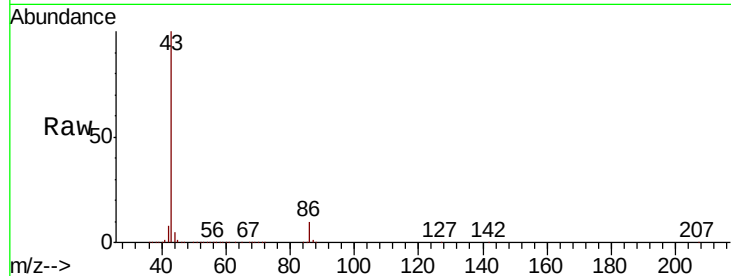
86 9.5 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.713 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

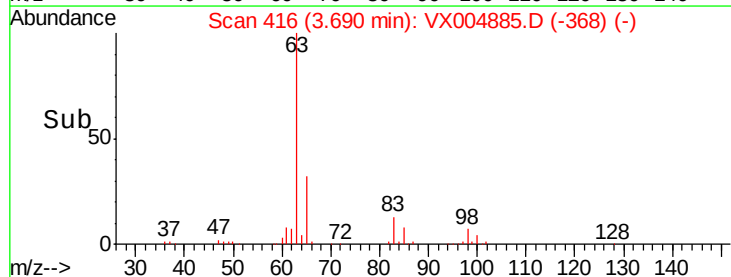
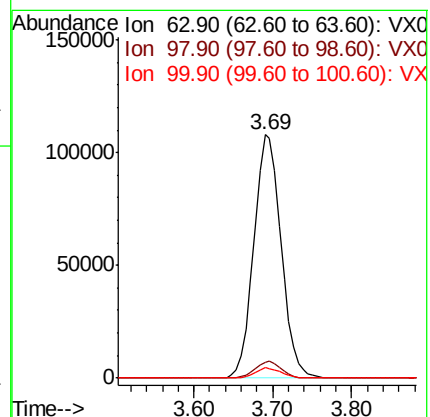
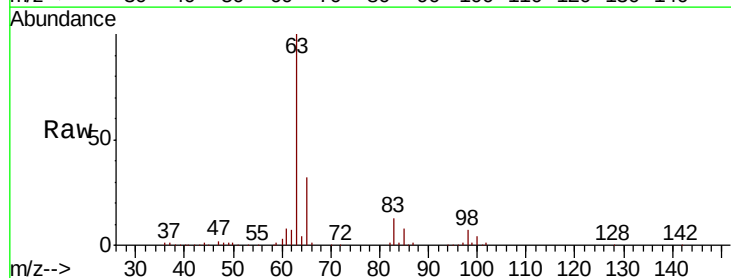
Tgt Ion: 63 Resp: 259893

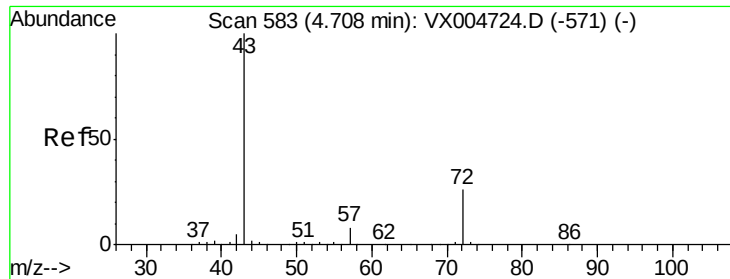
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 268.655 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 712722

Ion Ratio Lower Upper

43 100

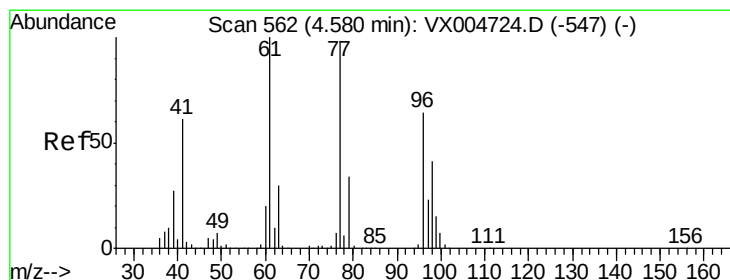
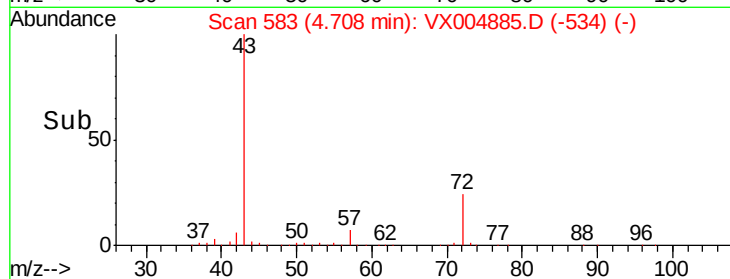
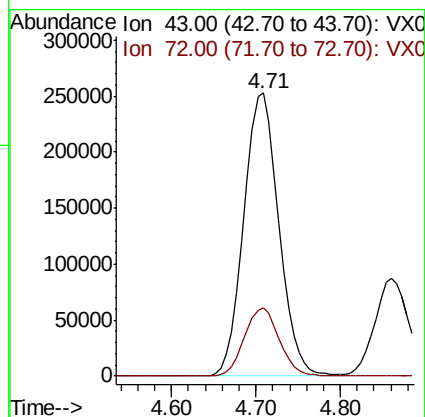
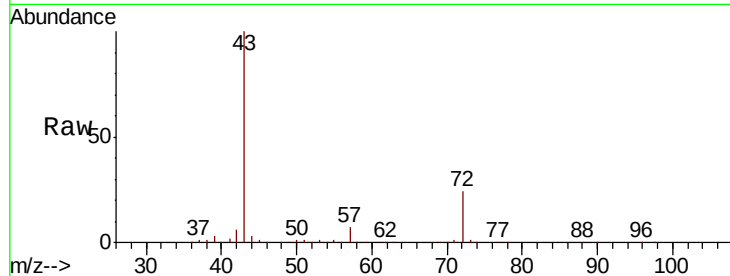
72 24.2 22.0 33.0

Manual Integrations

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10/4/2018 7:07:54 PM



#26

2,2-Dichloropropane

Concen: 47.939 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004885.D

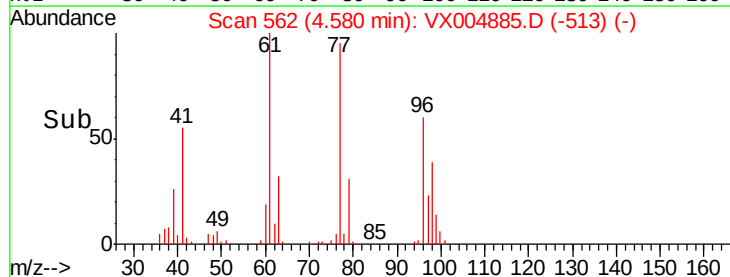
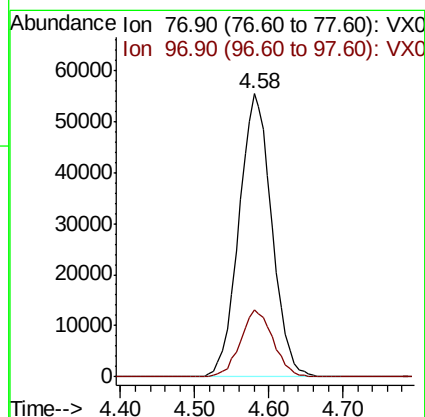
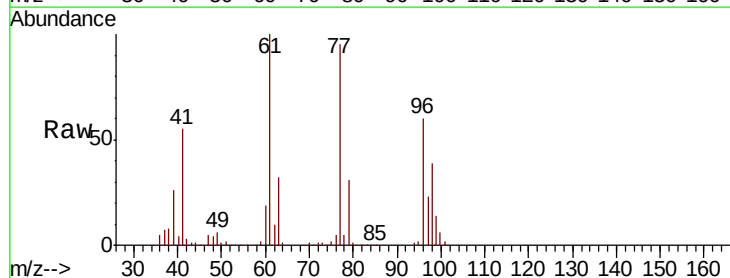
Acq: 01 Oct 2018 22:10

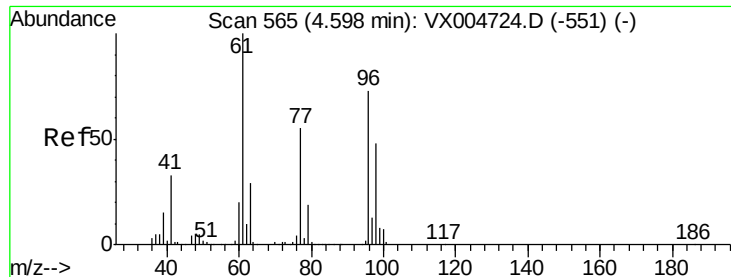
Tgt Ion: 77 Resp: 171081

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0





#27

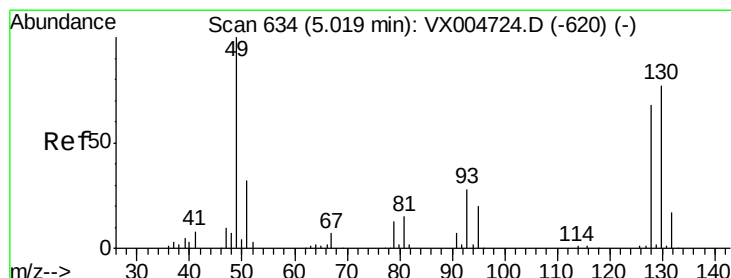
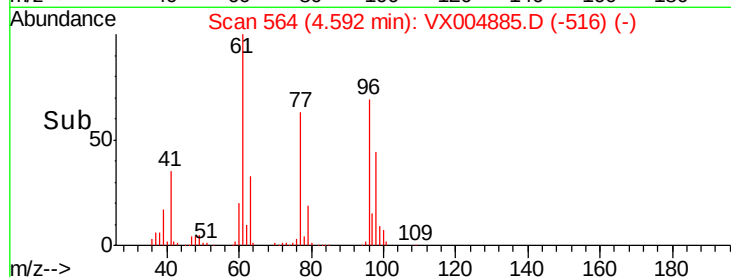
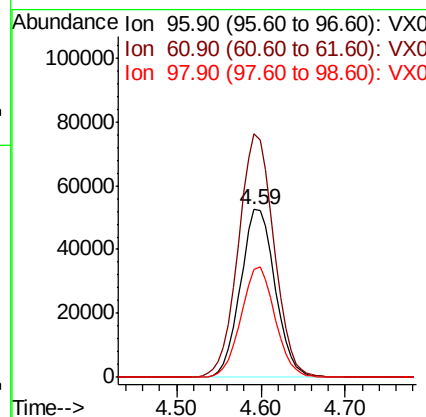
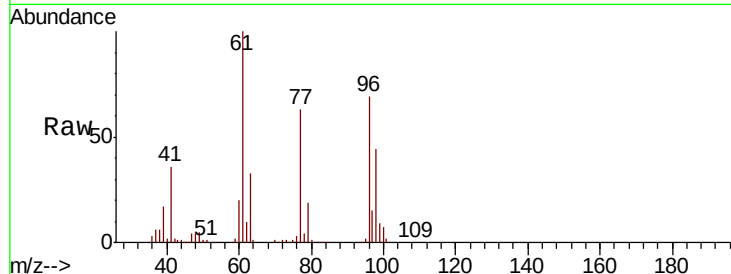
cis-1,2-Dichloroethene
Concen: 51.145 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	146251		
61	148.9	0.0	282.6	
98	64.8	0.0	130.2	

Manual Integrations
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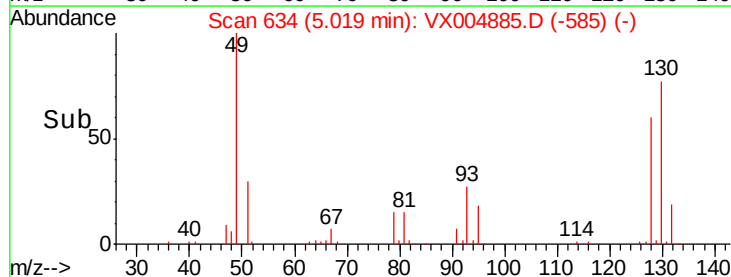
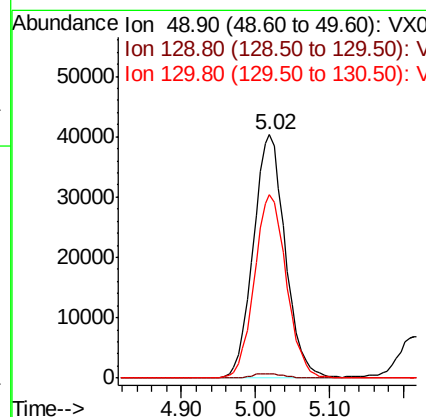
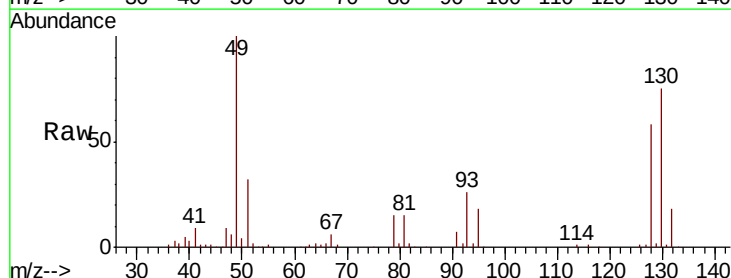
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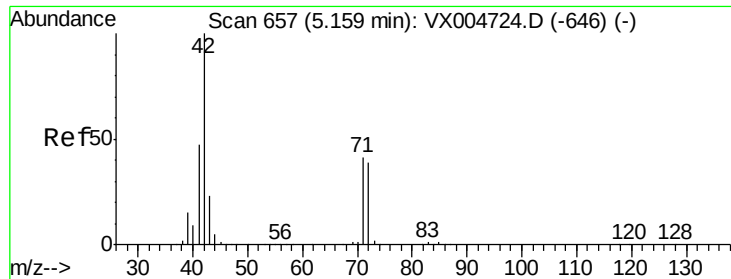


#28

Bromochloromethane
Concen: 50.400 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	121632		
129	1.9	0.0	4.2	
130	75.0	67.5	101.3	





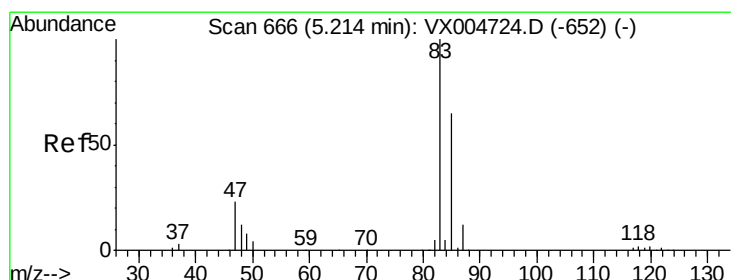
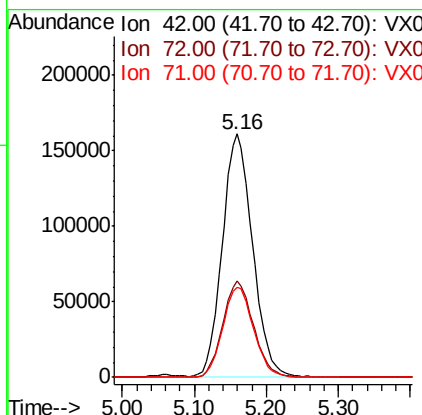
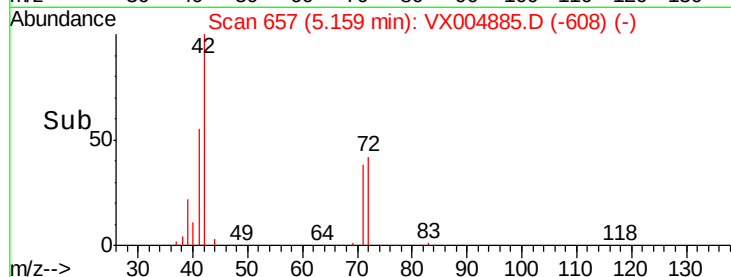
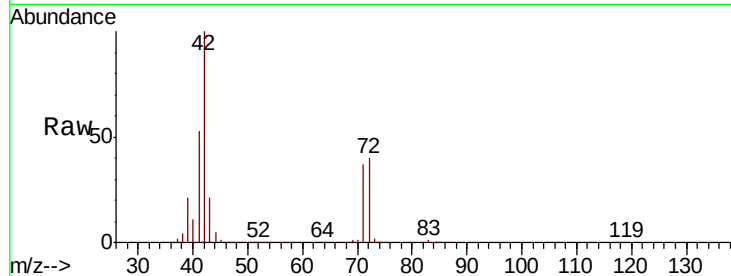
#29
Tetrahydrofuran
Concen: 284.938 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	37.4	56.0
71	37.9	34.5	51.7

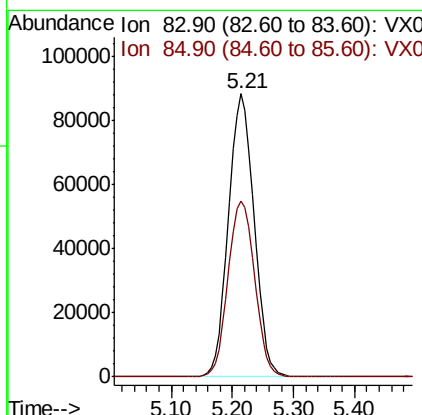
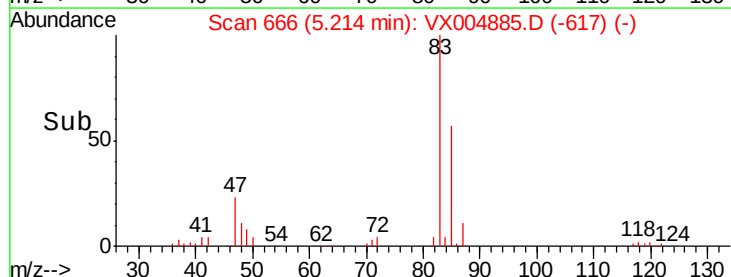
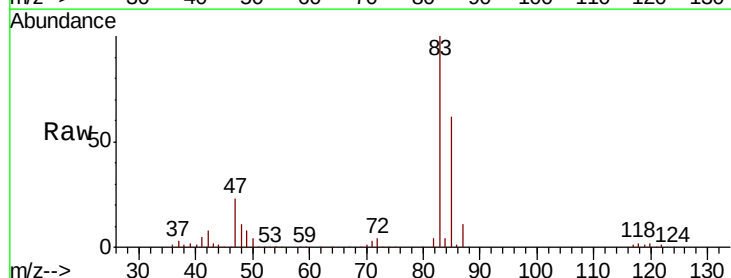
Manual Integrations
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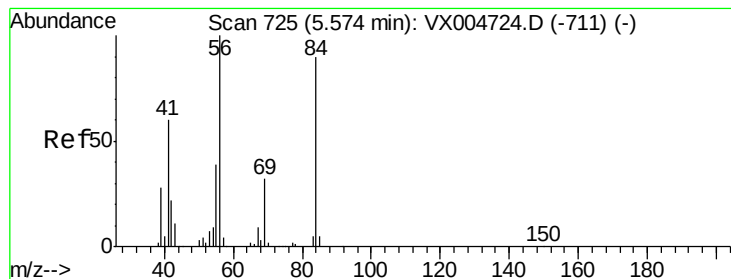
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#30
Chloroform
Concen: 52.585 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.6	79.0





#31

Cyclohexane

Concen: 57.069 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

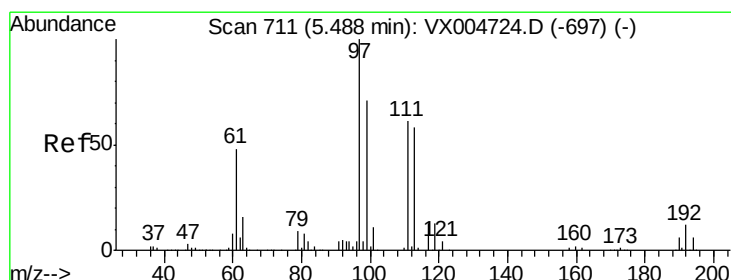
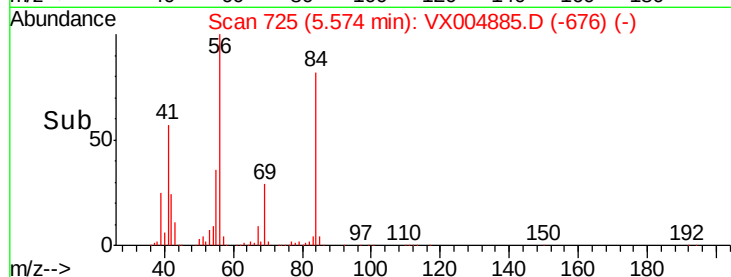
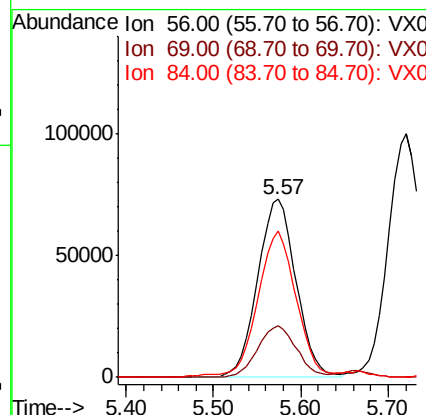
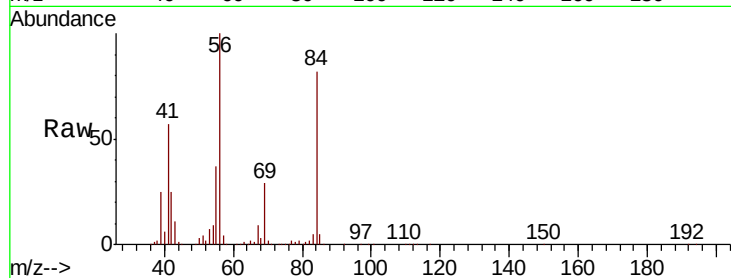
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	223845
Ion	Ratio	Lower	Upper
56	100		
69	29.3	25.4	38.2
84	81.1	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.550 ug/l

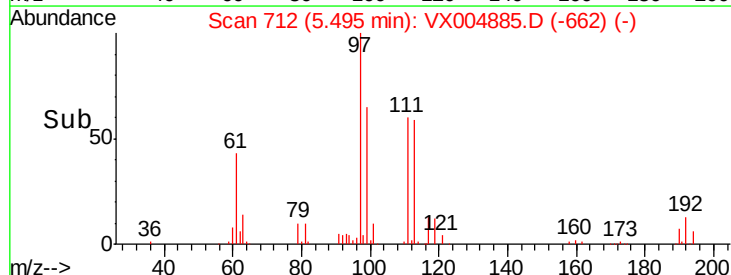
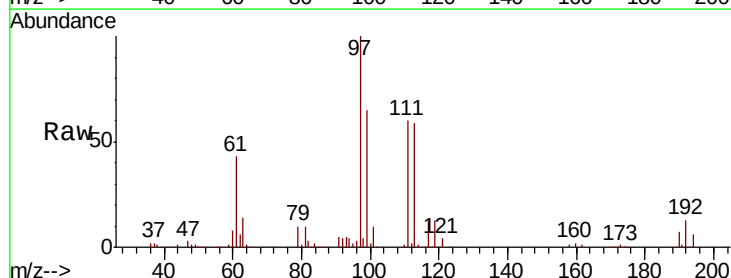
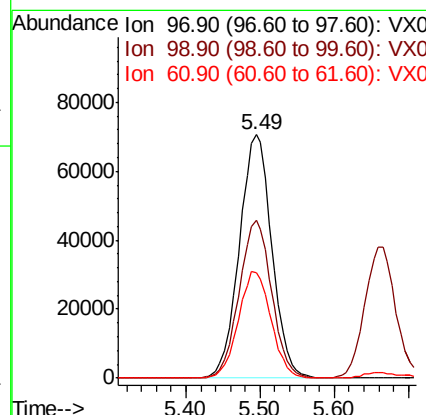
RT: 5.49 min Scan# 712

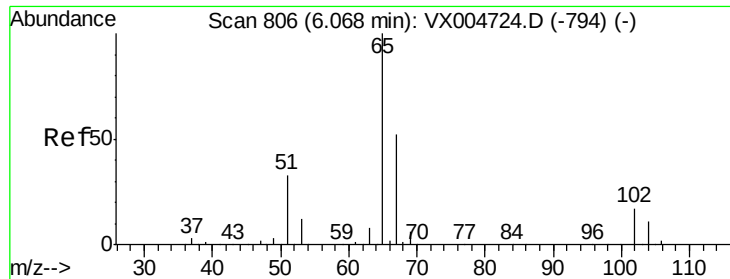
Delta R.T. 0.01 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Tgt Ion:	97	Resp:	215775
Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.0	78.0
61	44.1	34.9	52.3





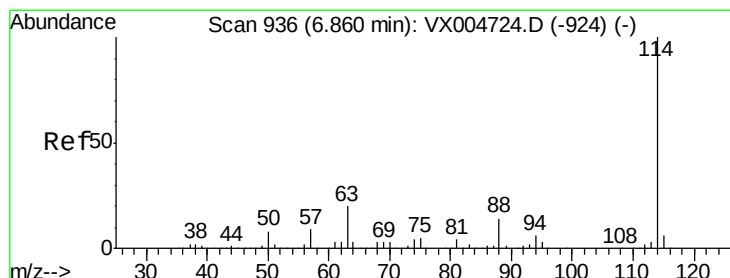
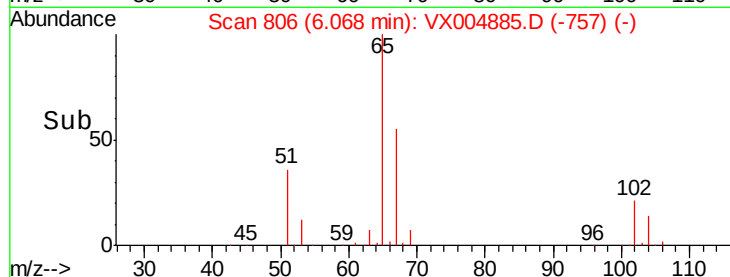
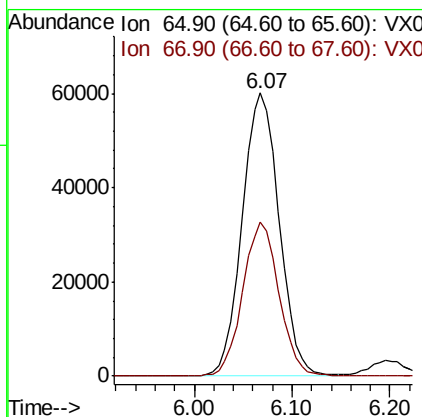
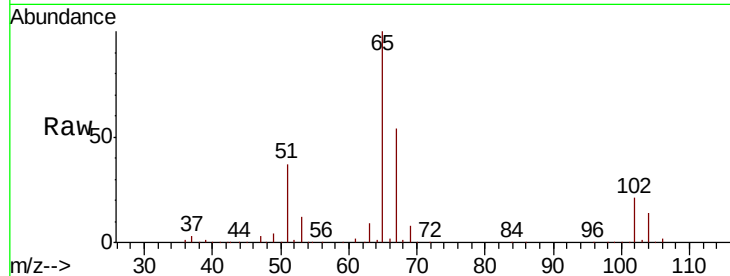
#33
 1,2-Dichloroethane-d4
 Concen: 51.124 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.8

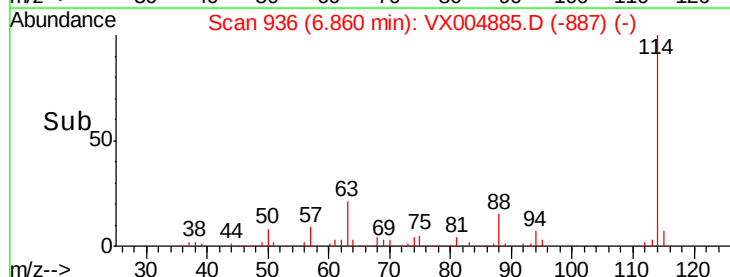
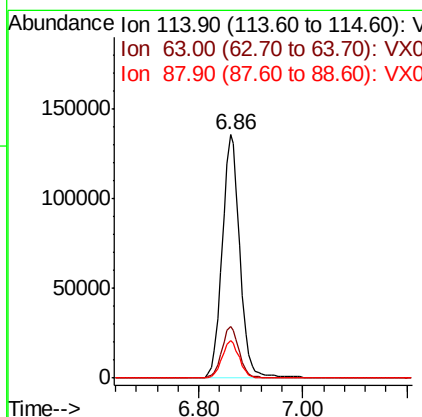
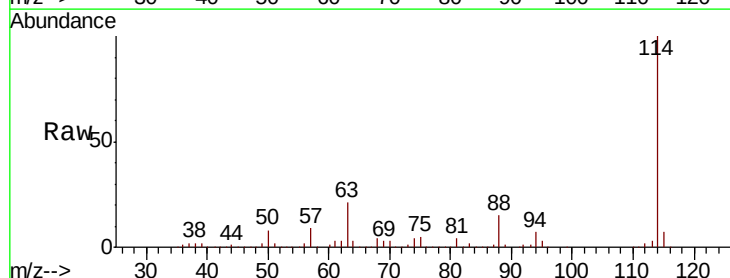
Manual Integrations
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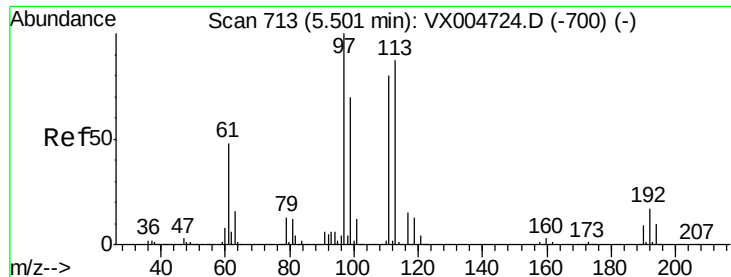
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.0
88	15.3	0.0	30.4





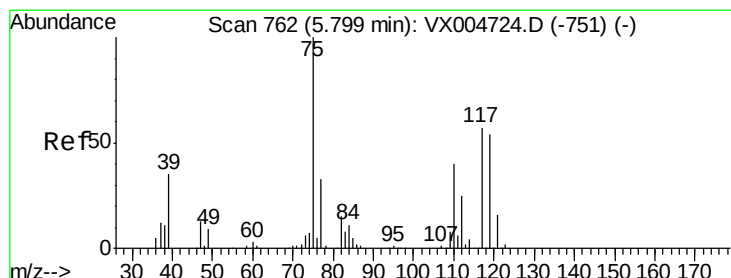
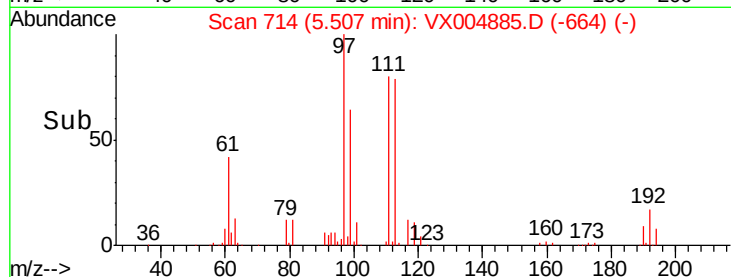
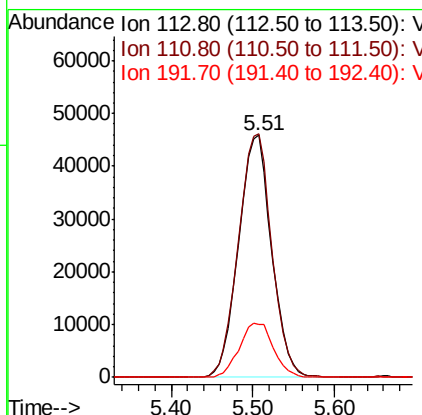
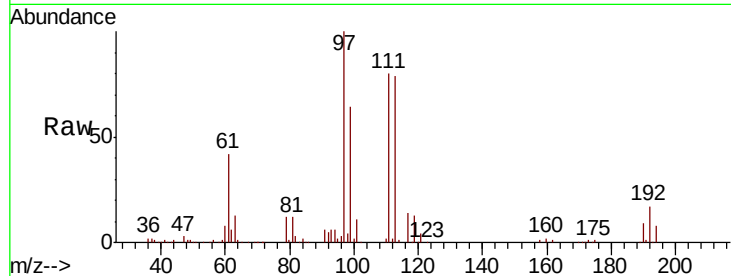
#35
 Dibromofluoromethane
 Concen: 46.814 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128927		
111	101.8	82.4	123.6	
192	23.1	19.4	29.2	

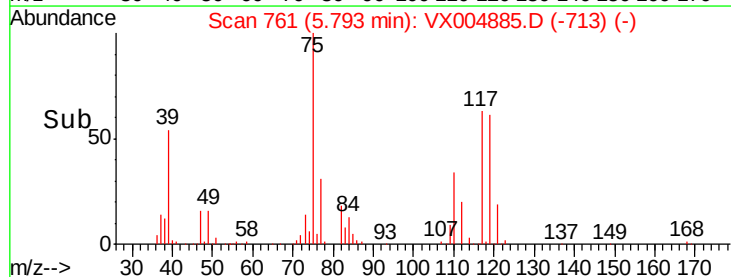
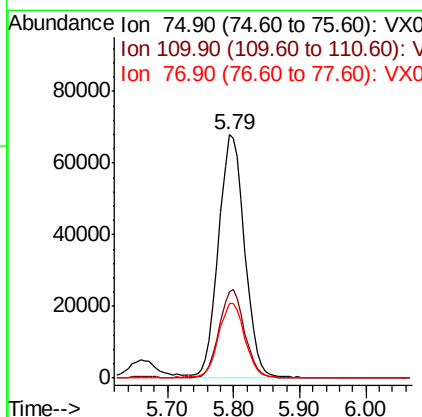
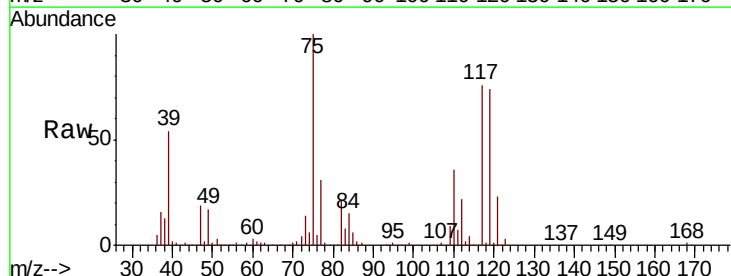
Manual Integrations
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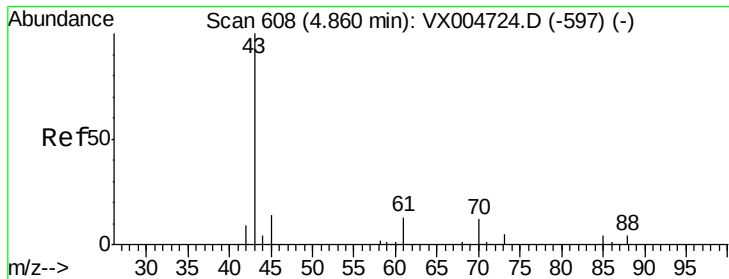
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#36
 1,1-Dichloropropene
 Concen: 49.682 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	186682		
110	35.4	18.0	54.0	
77	30.5	24.6	36.8	





#37

Ethyl Acetate

Concen: 49.648 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

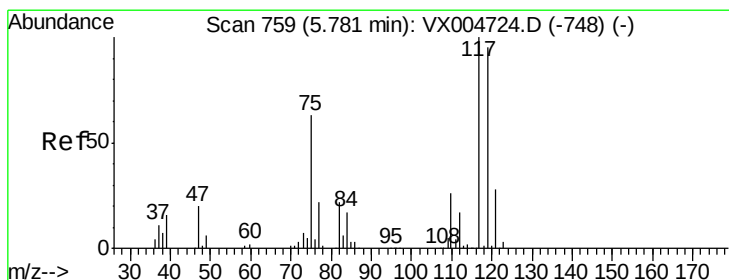
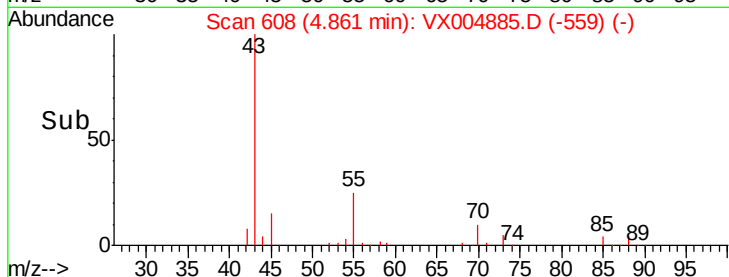
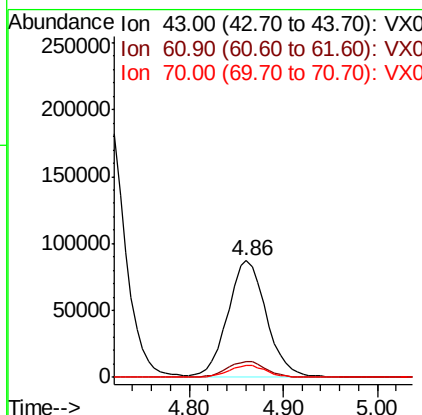
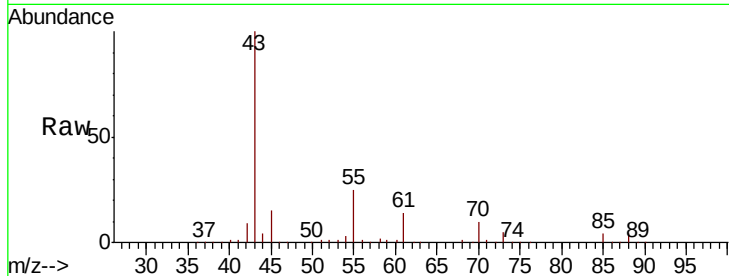
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	247630
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	10.1	9.0	13.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 47.561 ug/l

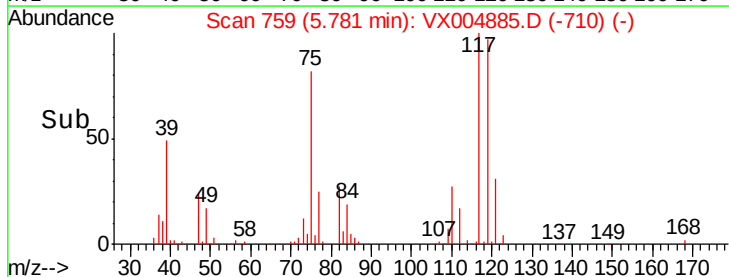
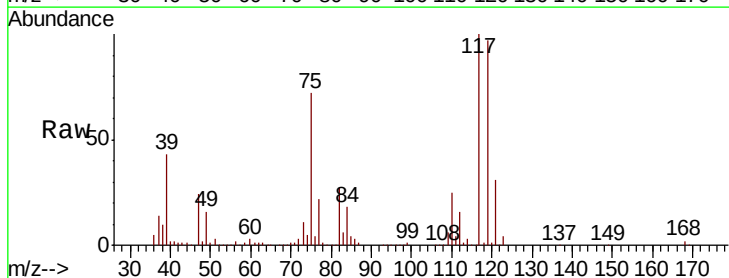
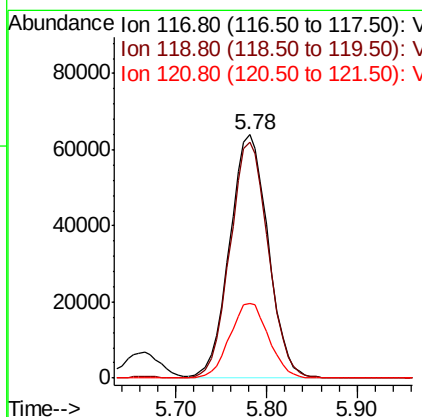
RT: 5.78 min Scan# 759

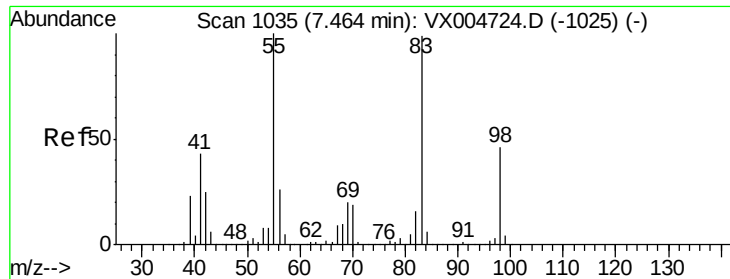
Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Tgt Ion:	117	Resp:	187856
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.8	118.2
121	30.8	24.9	37.3





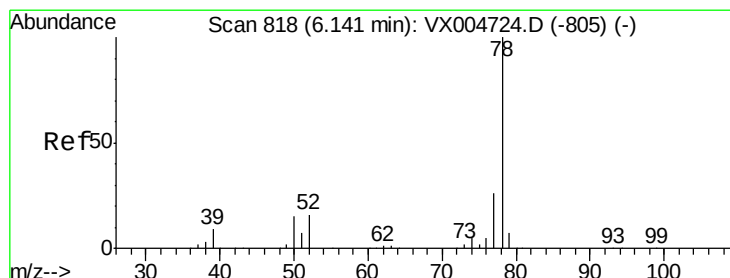
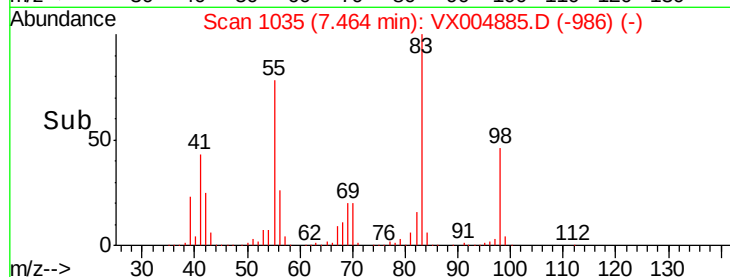
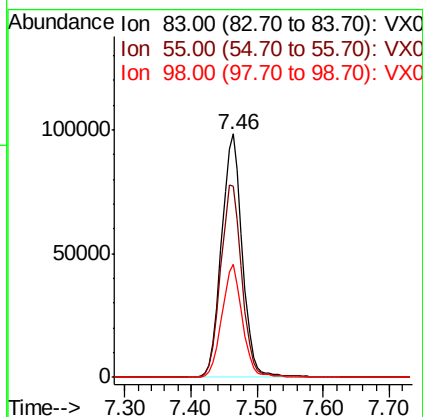
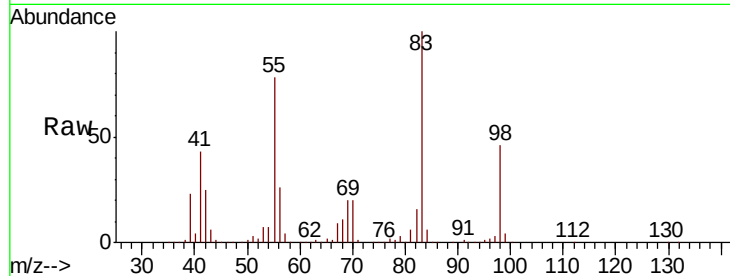
#39
Methylvlcyclohexane
Concen: 56.121 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	215325		
55	78.3		61.0	91.4
98	46.2		39.6	59.4

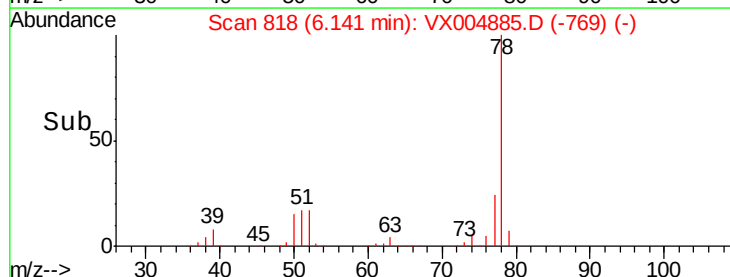
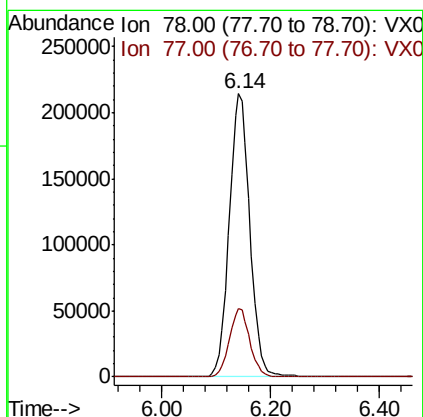
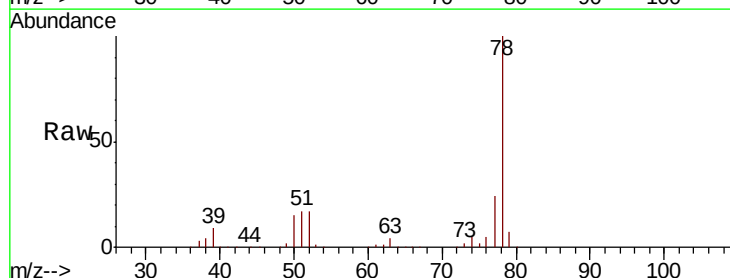
Manual Integrations
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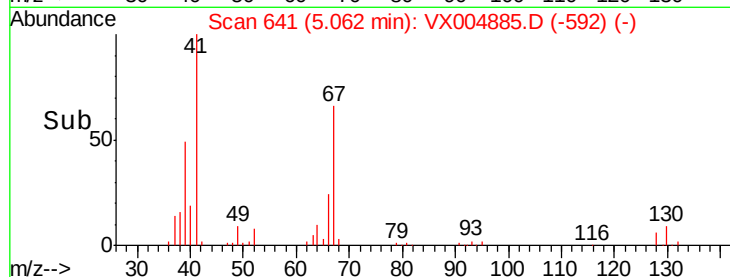
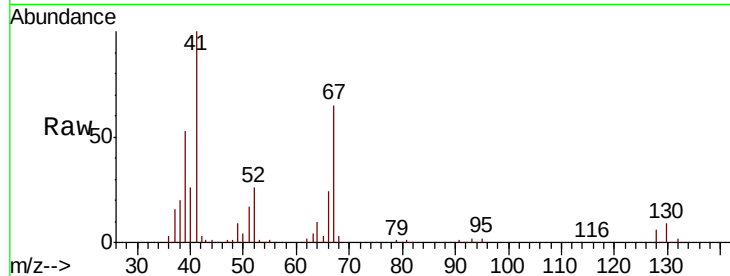
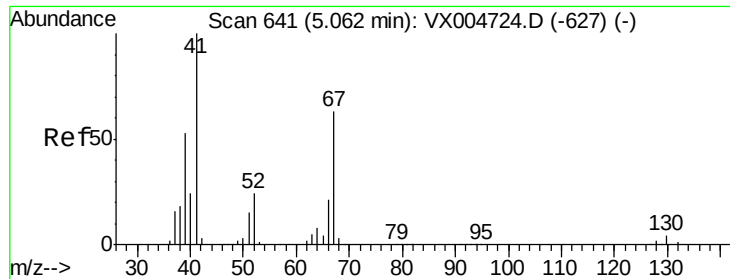
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#40
Benzene
Concen: 48.205 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	567067		
77	24.2		19.0	28.4





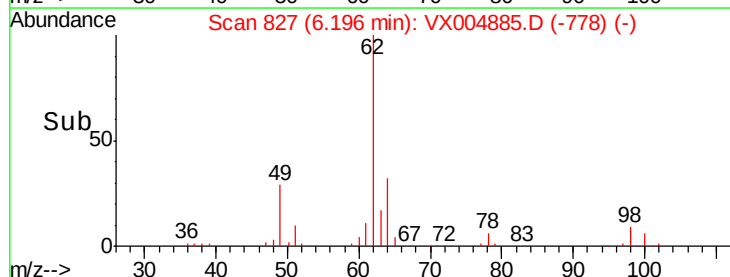
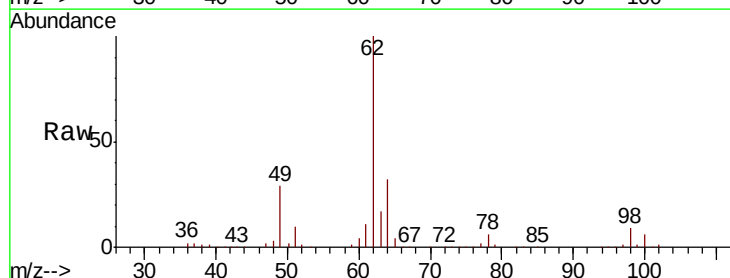
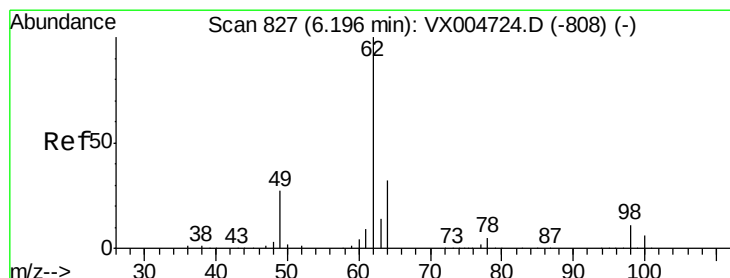
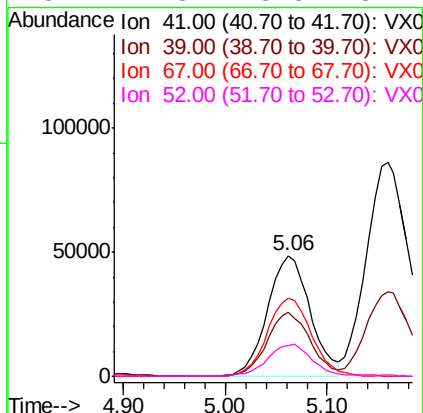
#41
Methacrylonitrile
Concen: 50.871 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.4	42.4	63.6		
67	67.4	59.2	88.8		
52	27.3	23.0	34.4		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

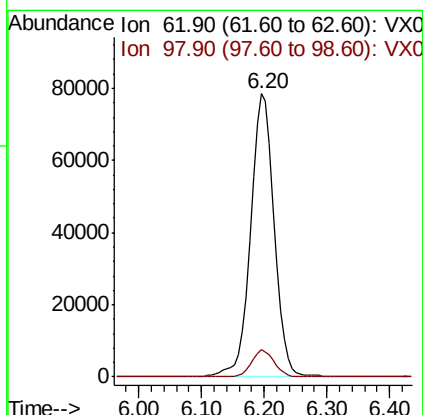
Manual Integrations
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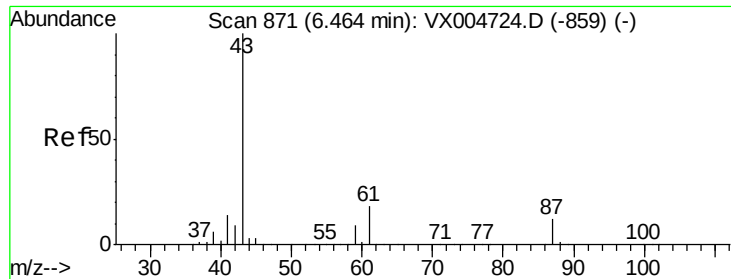
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.949 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.1	0.0	20.6		





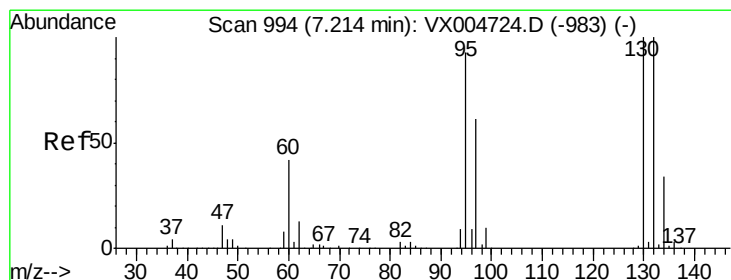
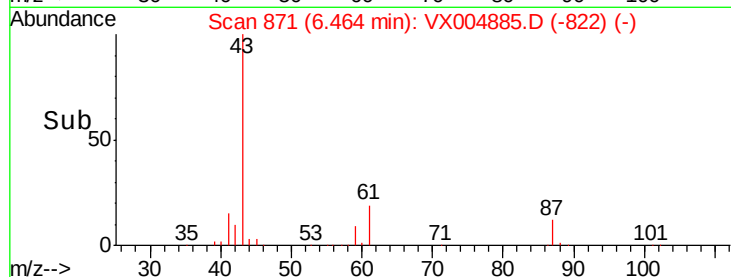
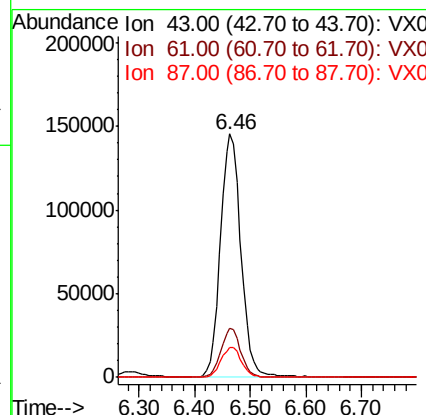
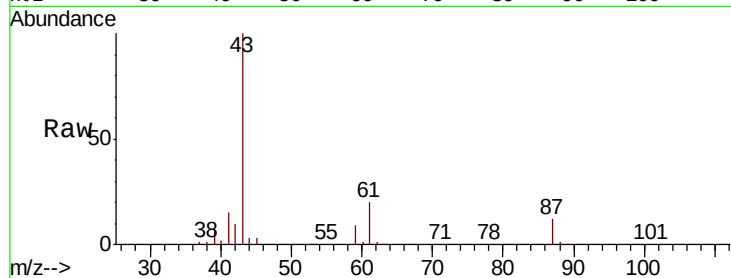
#43
Isopropyl Acetate
Concen: 51.463 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	17.0	25.4
87	12.4	11.4	17.2

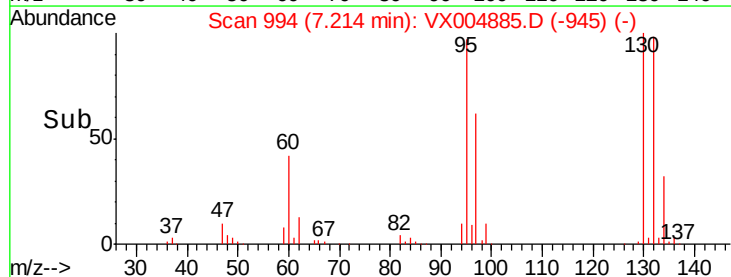
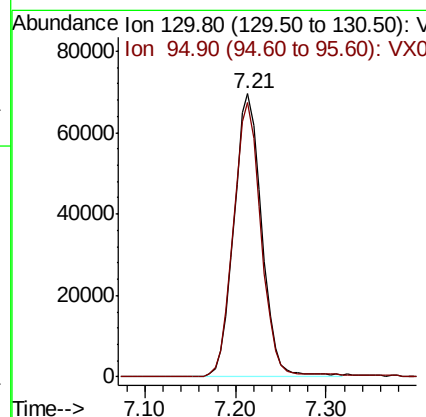
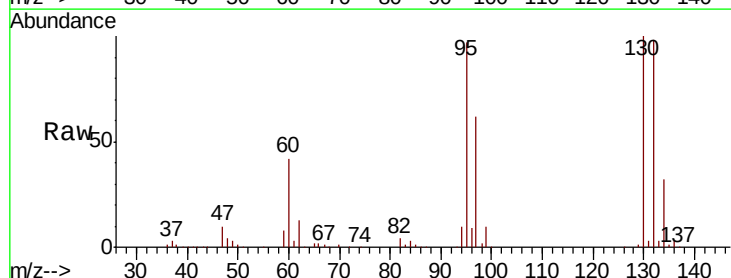
Manual Integrations
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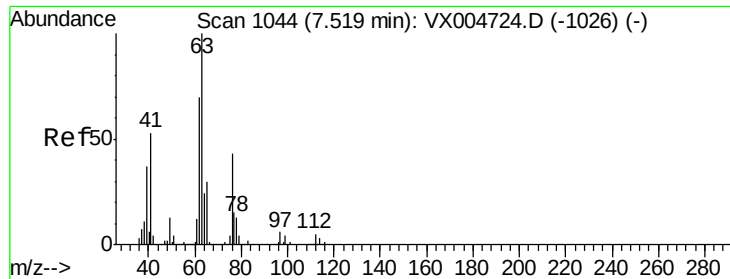
MMDadoda
10/4/2018 7:07:54 PM



#44
Trichloroethene
Concen: 51.302 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	181.6





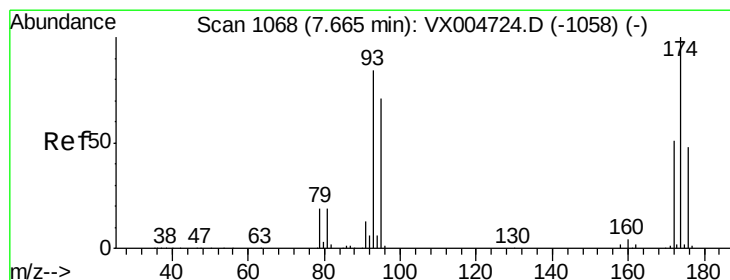
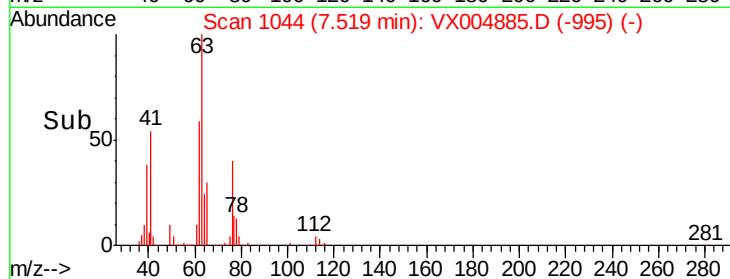
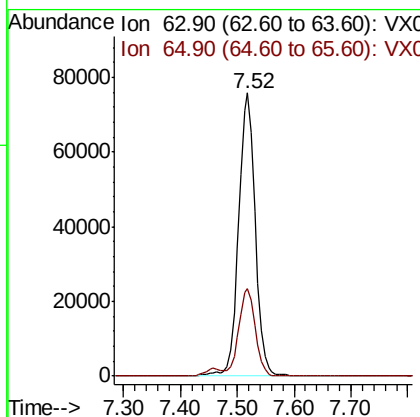
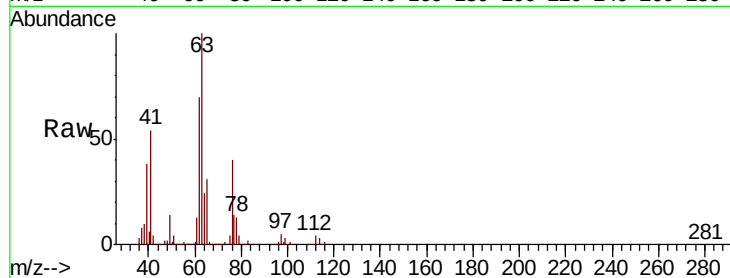
#45
 1,2-Dichloropropane
 Concen: 54.001 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.3	36.5

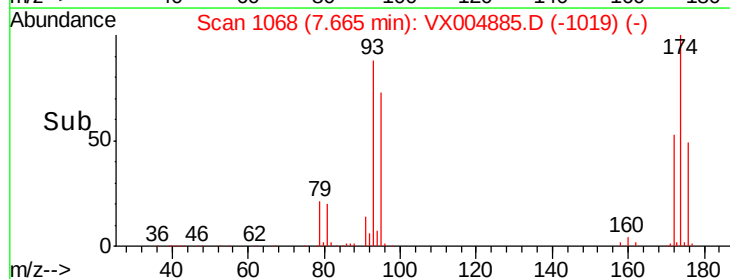
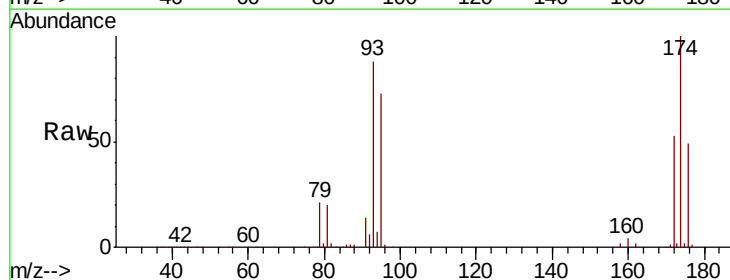
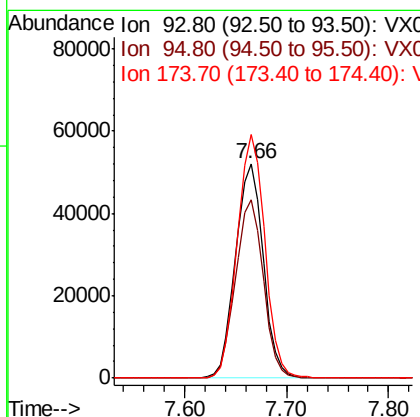
Manual Integrations
 APPROVED

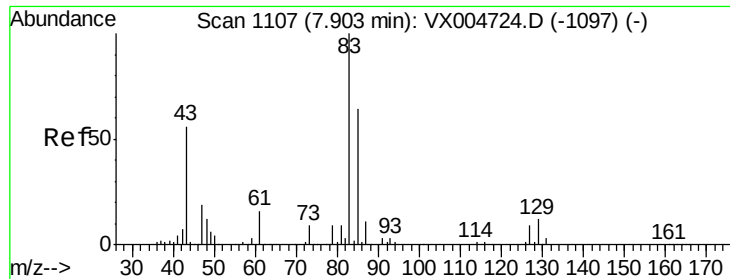
MMDadoda
 10/4/2018 7:07:54 PM



#46
 Dibromomethane
 Concen: 54.222 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.5	98.3
174	113.2	94.2	141.4





#47

Bromodichloromethane

Concen: 55.733 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

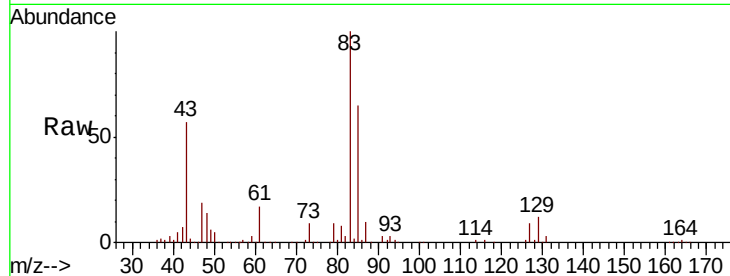
ClientSampled :

VSTDCCC050

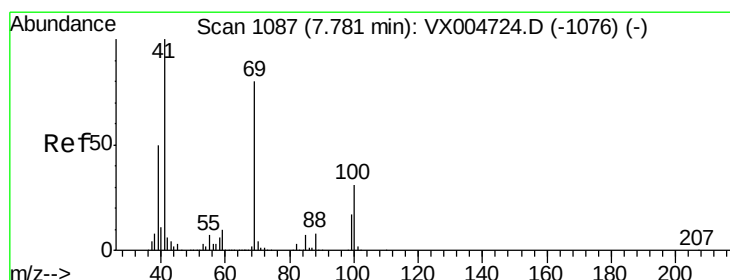
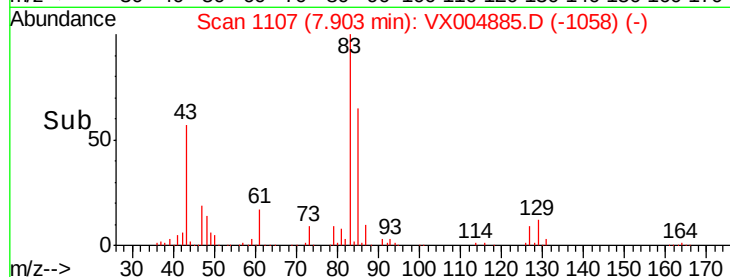
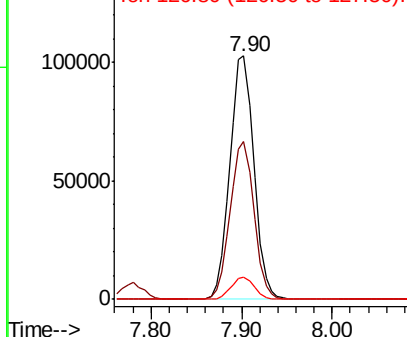
Tot Ion:	83	Resp:	189178
Ion Ratio	Lower	Upper	
83	100		
85	64.9	50.9	76.3
127	9.1	7.3	10.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 60.774 ug/l

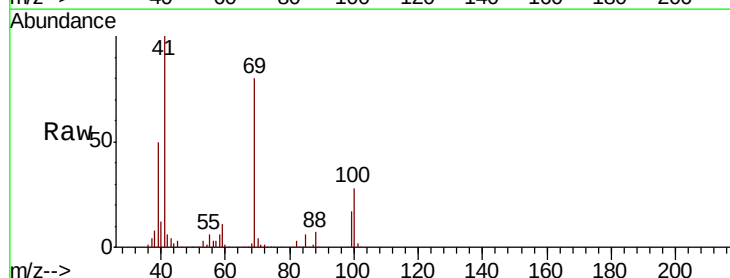
RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

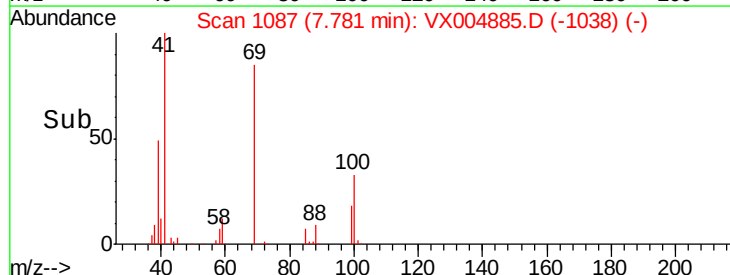
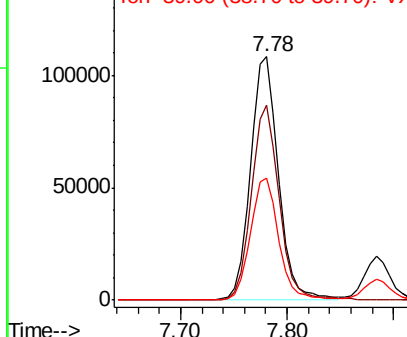
Lab File: VX004885.D

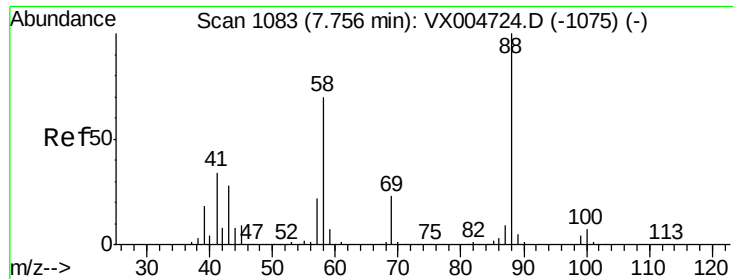
Acq: 01 Oct 2018 22:10

Tgt Ion:	41	Resp:	198582
Ion Ratio	Lower	Upper	
41	100		
69	80.4	70.2	105.4
39	50.7	42.7	64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





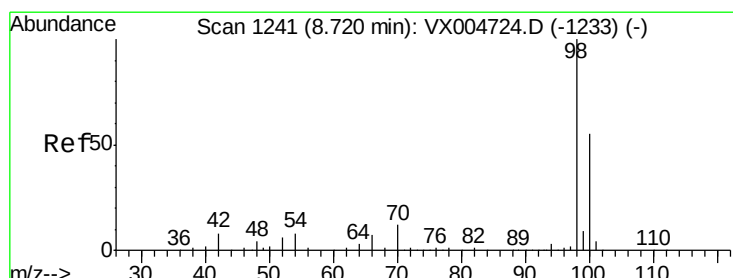
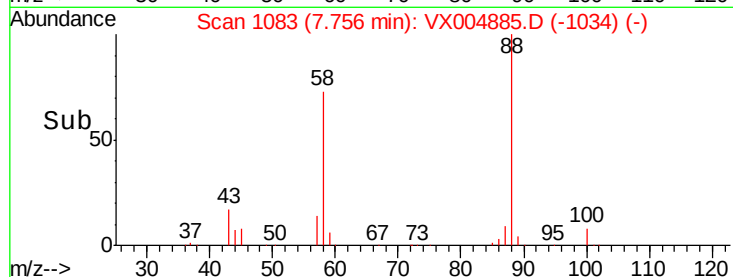
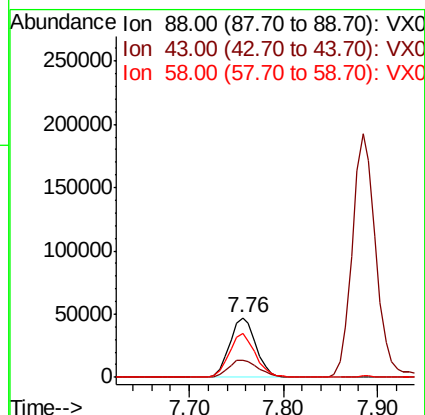
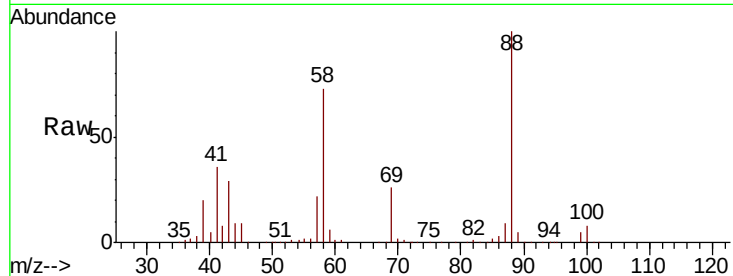
#49
1,4-Dioxane
Concen: 1118.750 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	90818
Ion	Ratio	Lower	Upper
88	100		
43	33.0	24.7	37.1
58	73.8	55.3	82.9

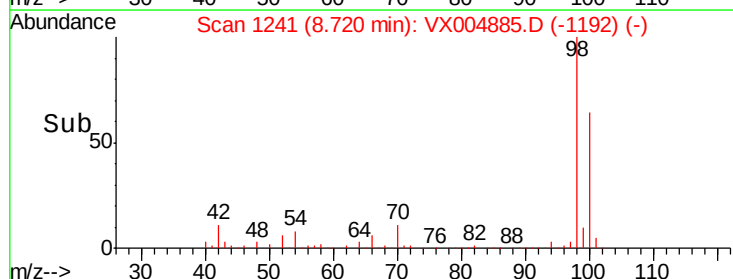
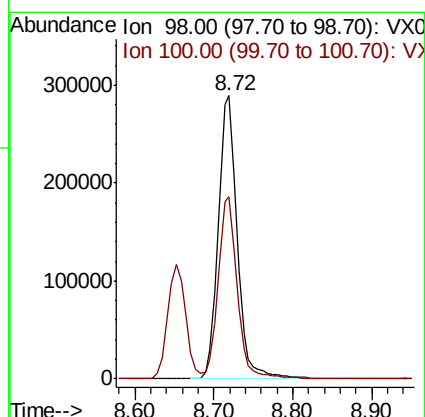
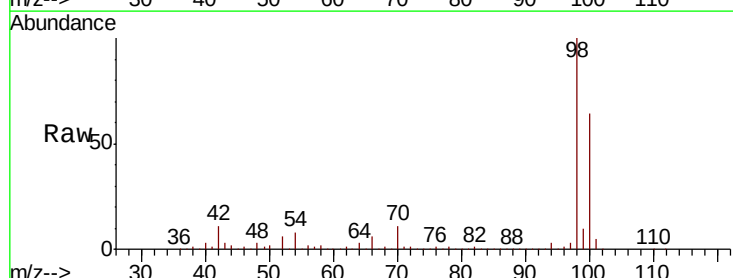
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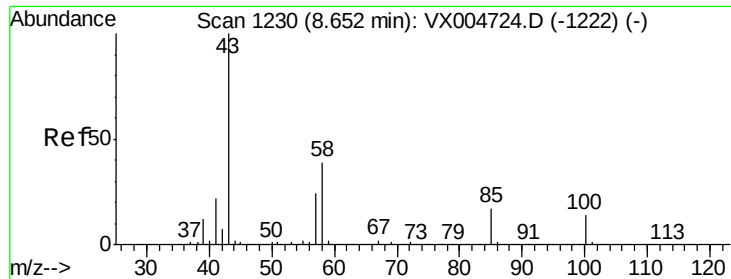
MMDadoda
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#50
Toluene-d8
Concen: 52.700 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion	98	Resp	482503
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.9	79.3





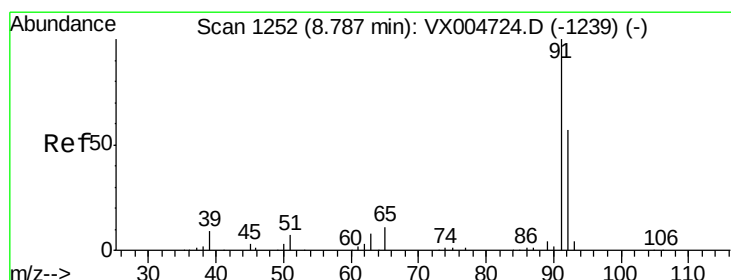
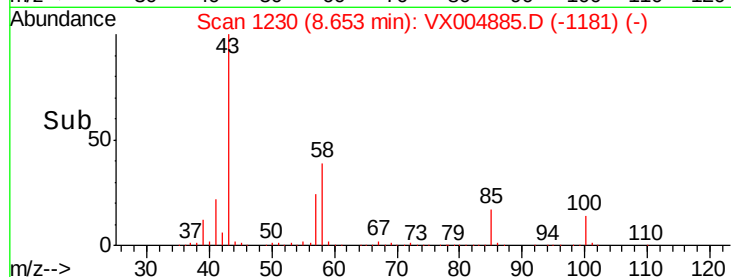
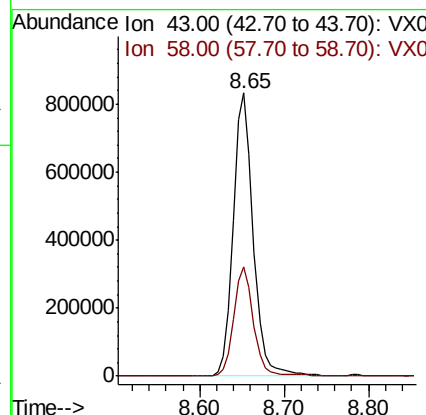
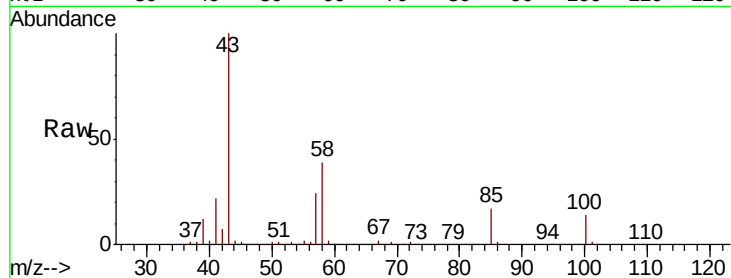
#51
4-Methyl-2-Pentanone
Concen: 297.391 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1348025
Ion Ratio Lower Upper
43 100
58 38.6 33.1 49.7

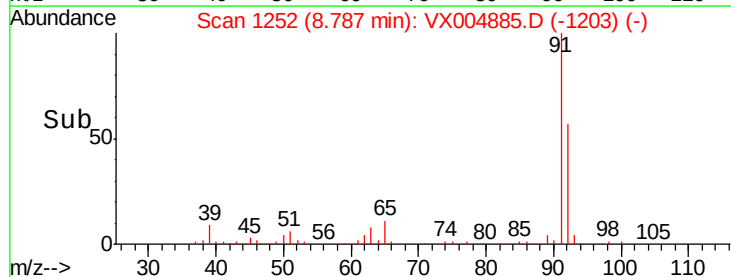
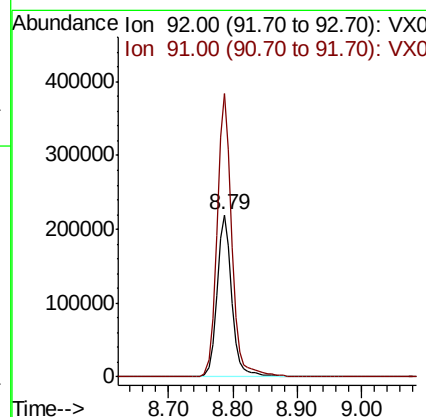
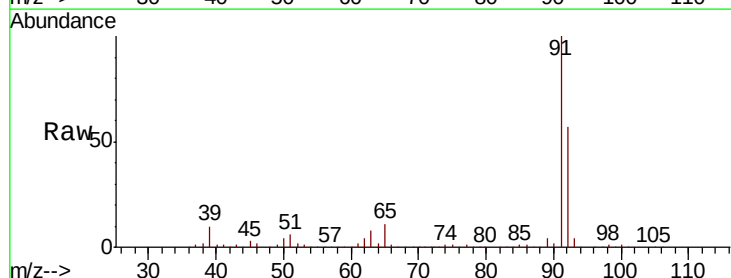
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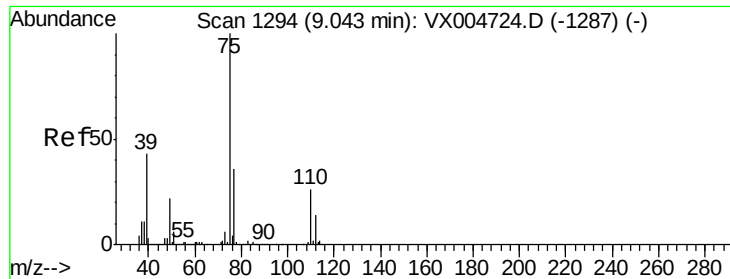
MMDadoda
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#52
Toluene
Concen: 54.935 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion: 92 Resp: 355095
Ion Ratio Lower Upper
92 100
91 174.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 54.448 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 208852

Ion Ratio Lower Upper

75 100

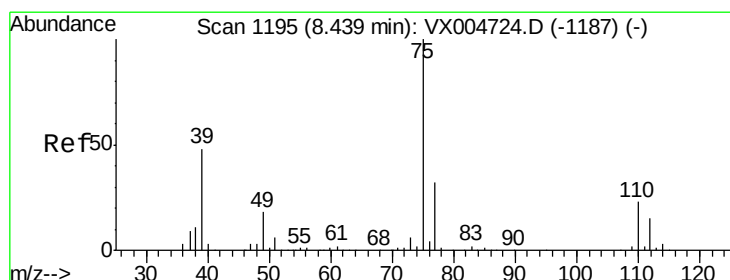
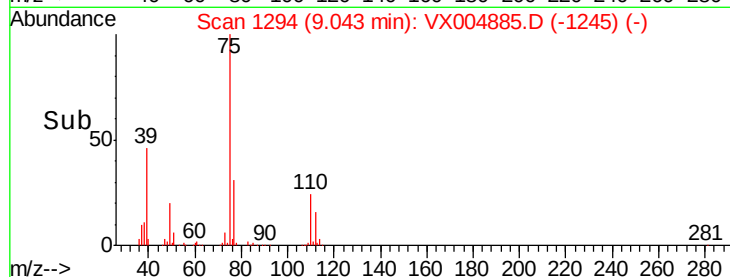
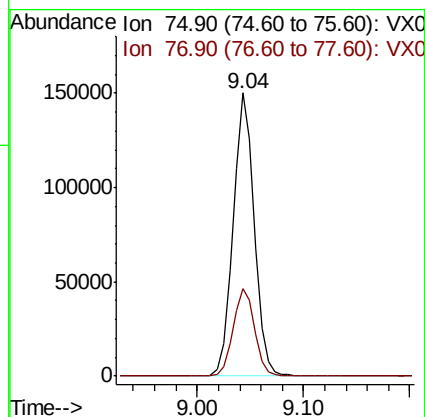
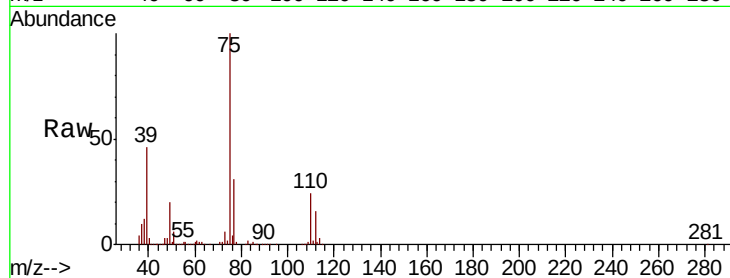
77 31.0 24.6 37.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 56.875 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

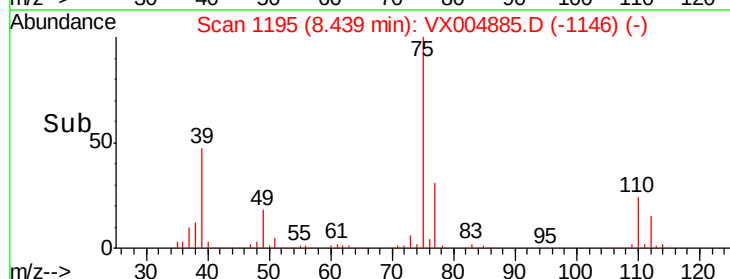
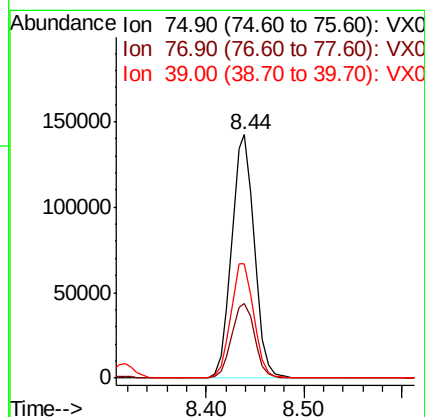
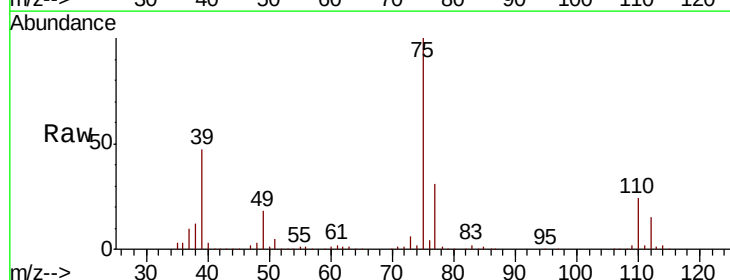
Tgt Ion: 75 Resp: 228507

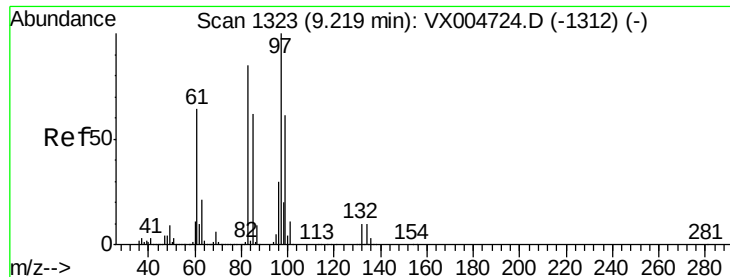
Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.2

39 46.6 36.4 54.6





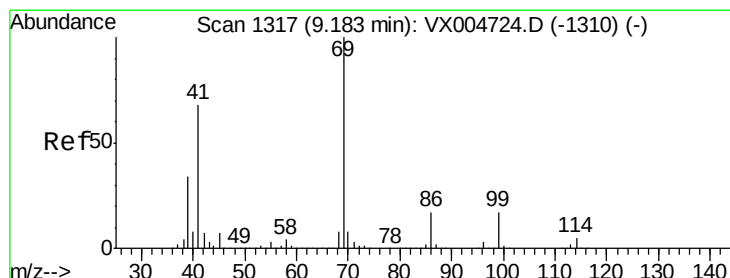
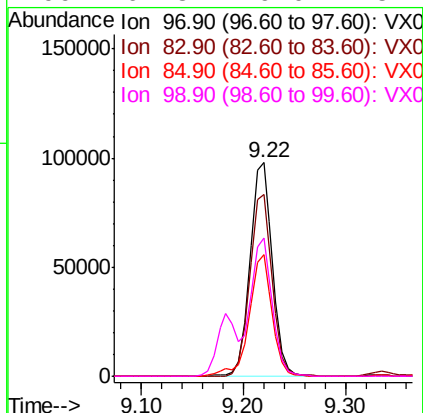
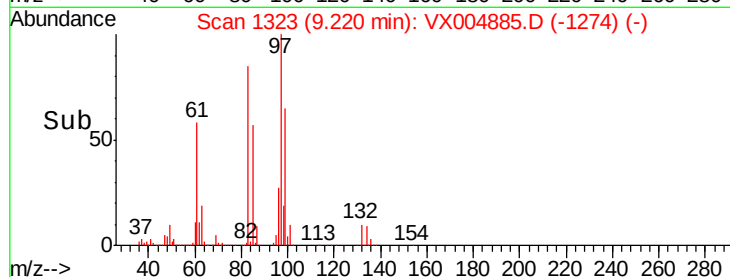
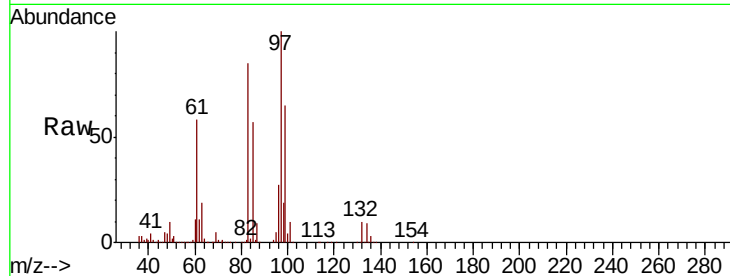
#55
 1,1,2-Trichloroethane
 Concen: 52.889 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		149750		
83	85.0	66.4	99.6		
85	56.7	43.3	64.9		
99	64.8	49.0	73.4		

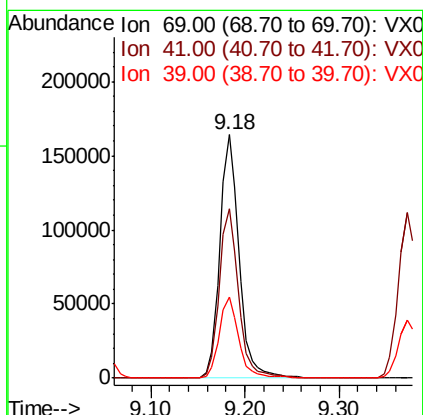
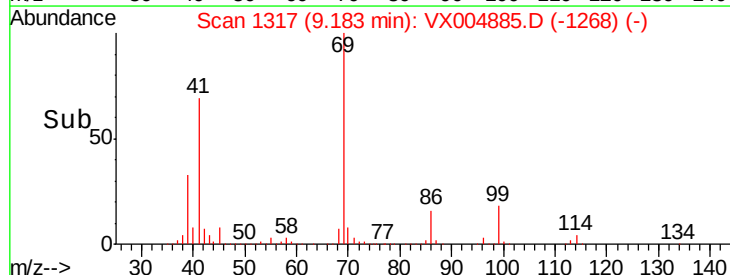
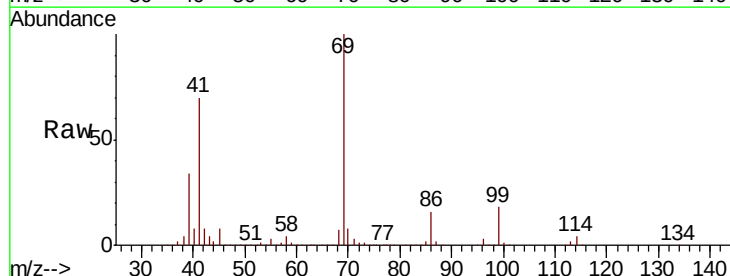
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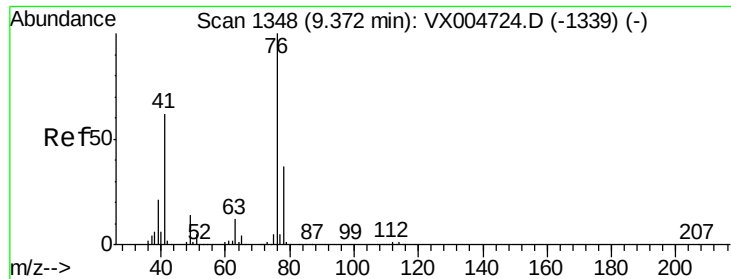
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#56
 Ethyl methacrylate
 Concen: 50.901 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		234119		
41	69.7	51.0	76.4		
39	33.5	26.1	39.1		





#57

1,3-Dichloropropane

Concen: 53.130 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 250369

Ion Ratio Lower Upper

76 100

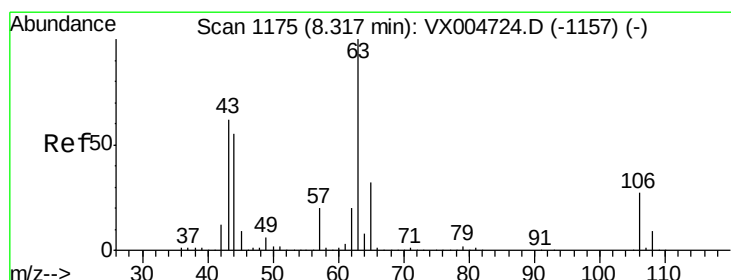
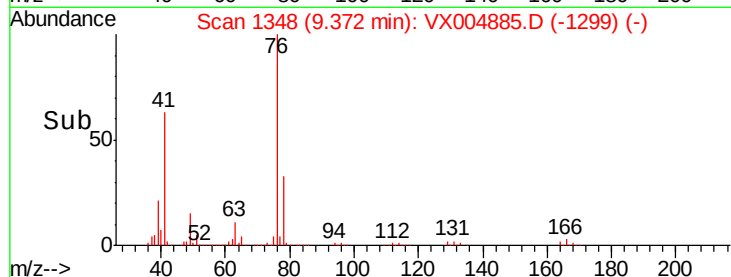
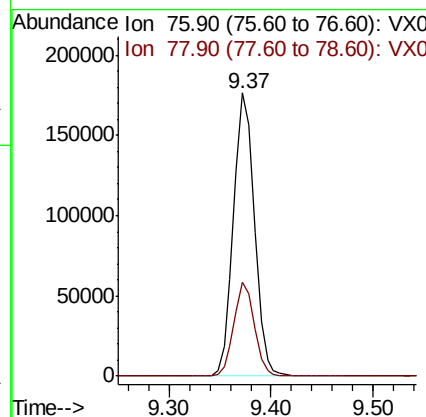
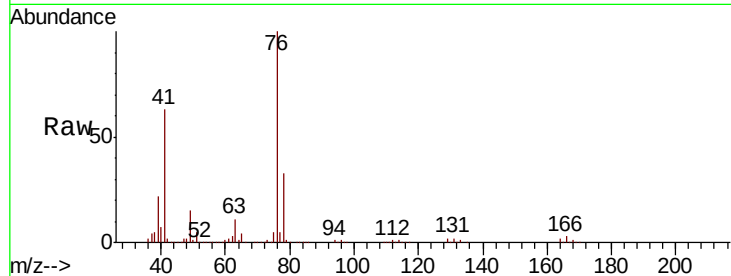
78 32.4 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 266.687 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004885.D

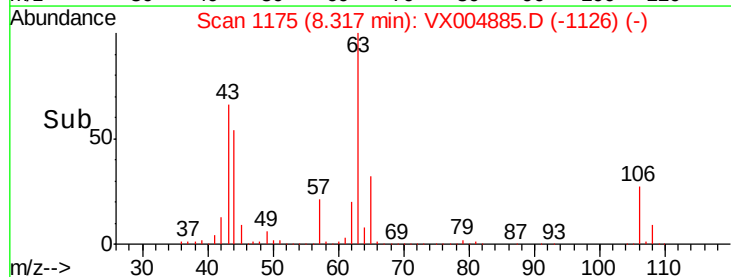
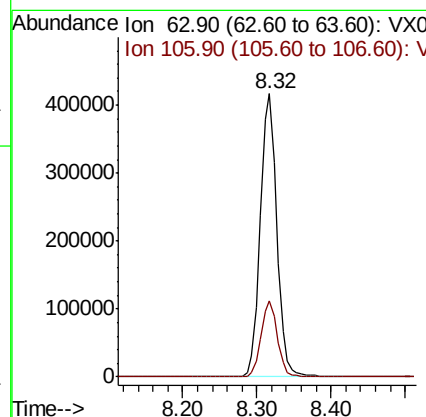
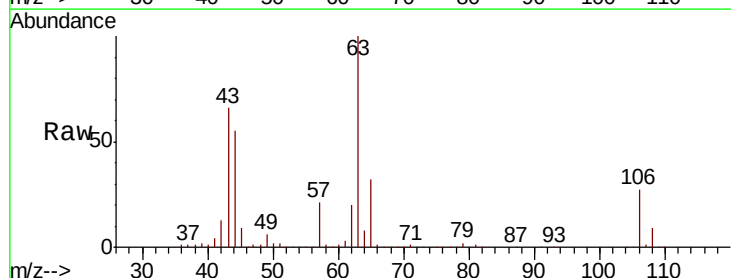
Acq: 01 Oct 2018 22:10

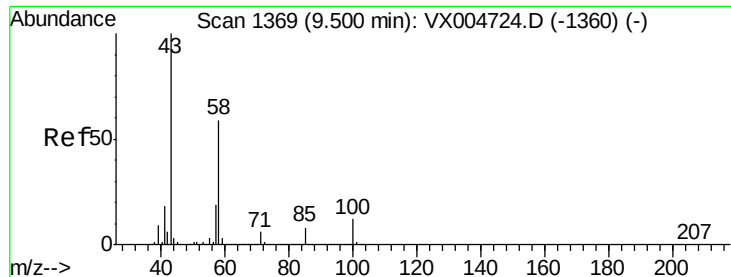
Tgt Ion: 63 Resp: 653084

Ion Ratio Lower Upper

63 100

106 26.5 23.9 35.9





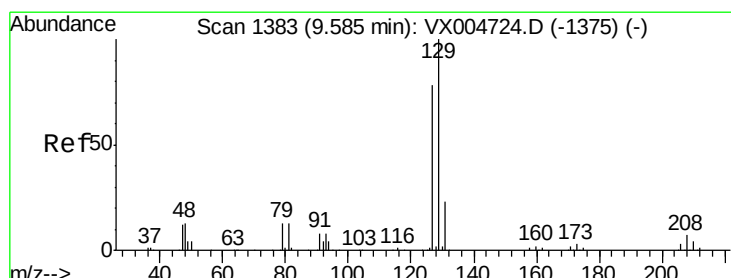
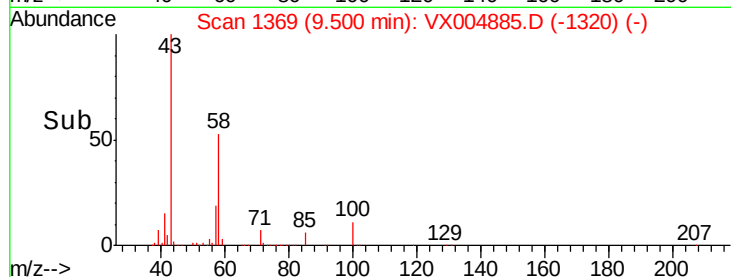
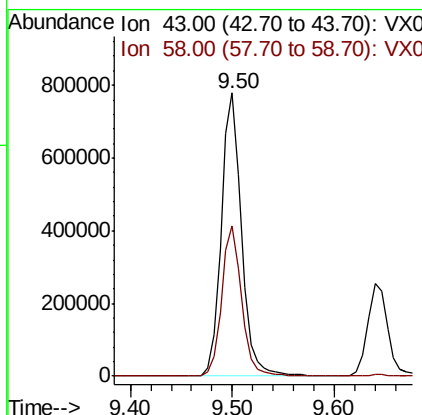
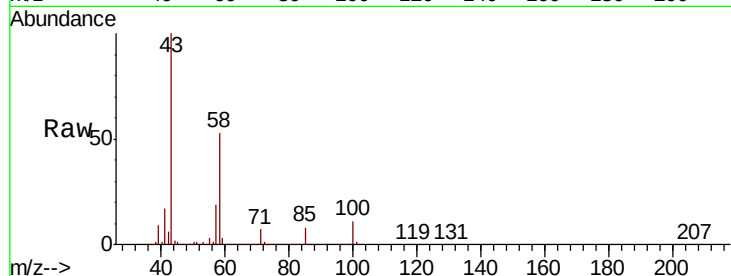
#59
2-Hexanone
Concen: 284.944 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1076318
Ion Ratio Lower Upper
43 100
58 52.7 29.0 87.0

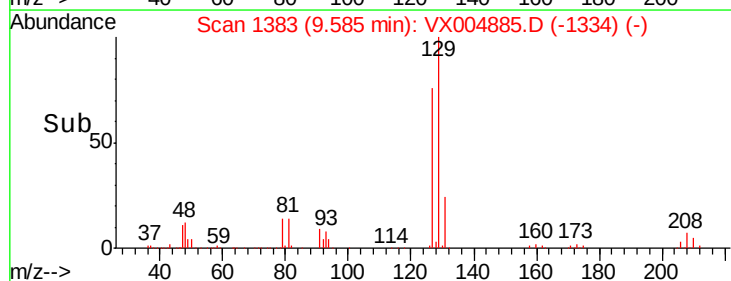
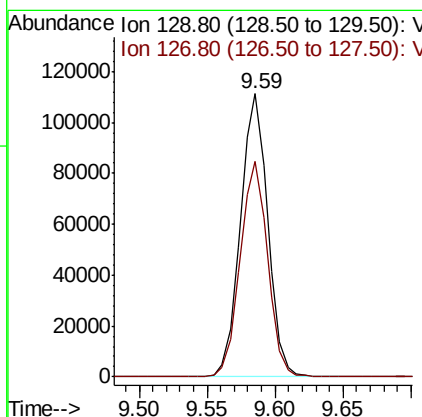
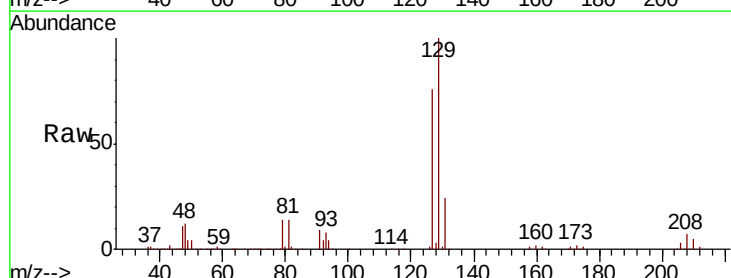
Manual Integrations
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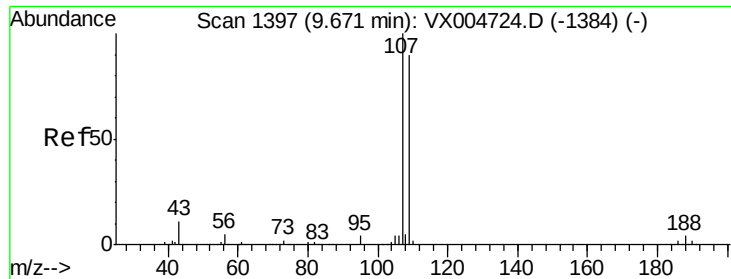
MMDadoda
10/4/2018 7:07:54 PM



#60
Dibromochloromethane
Concen: 54.960 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion:129 Resp: 155626
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





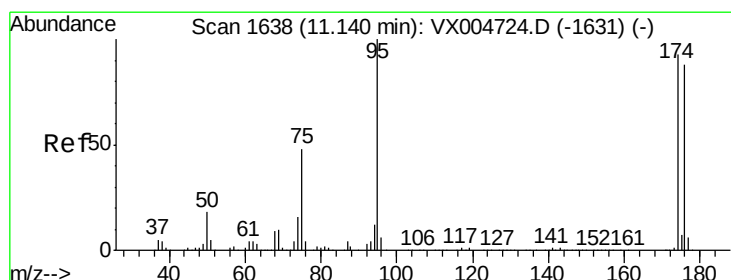
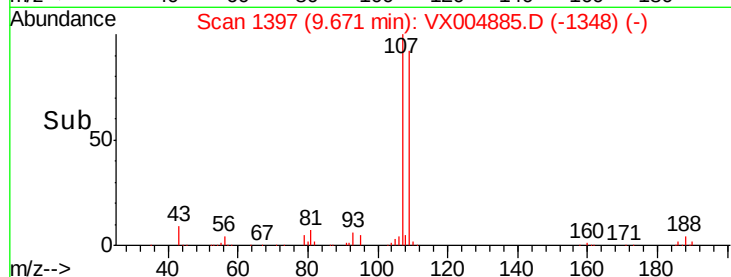
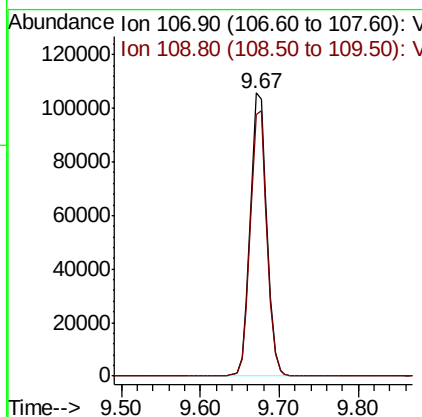
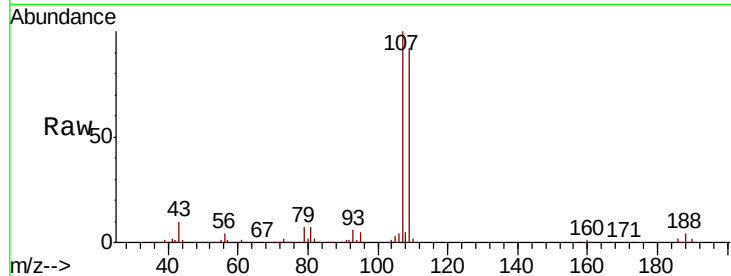
#61
 1,2-Dibromoethane
 Concen: 51.056 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.0	114.0

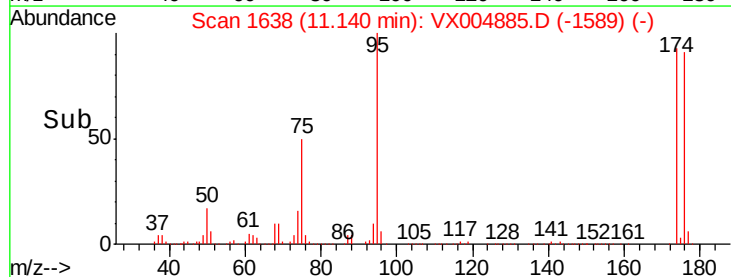
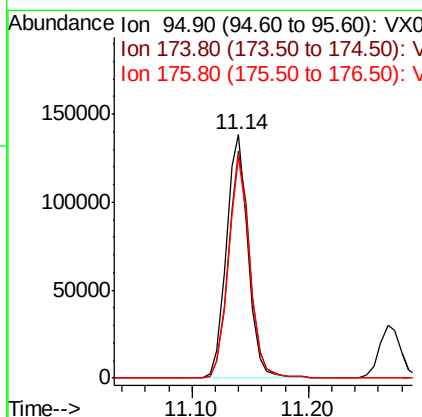
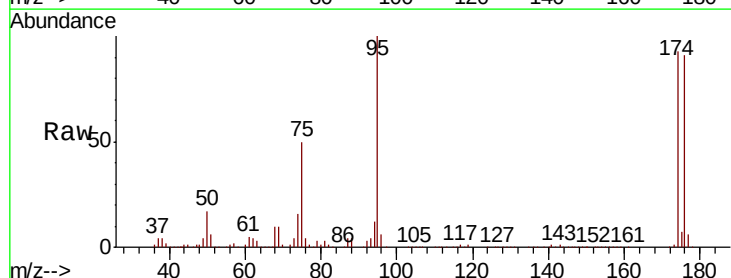
Manual Integrations
 APPROVED

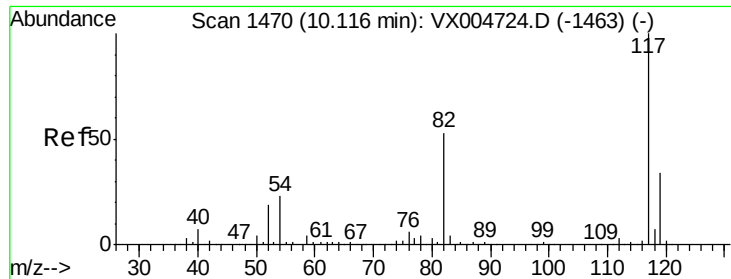
MMDadoda
 10/4/2018 7:07:54 PM



#62
 4-Bromofluorobenzene
 Concen: 54.314 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	185.2
176	88.7	0.0	178.6





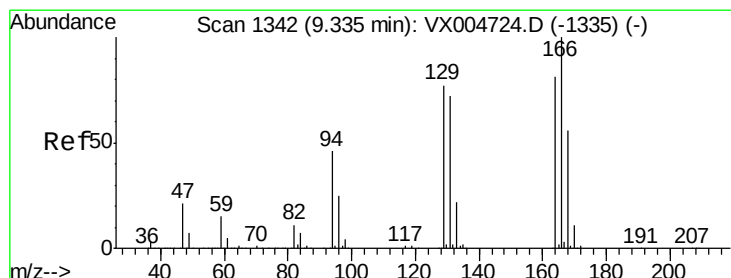
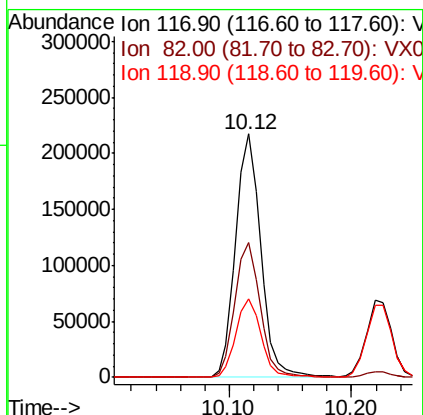
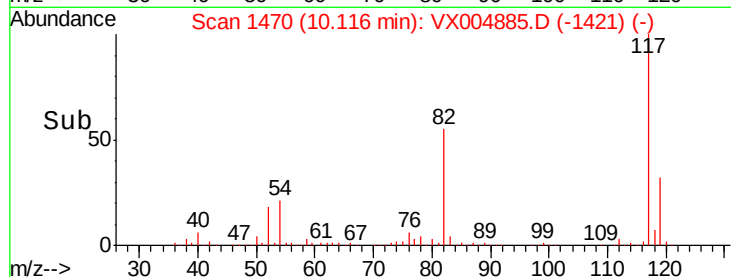
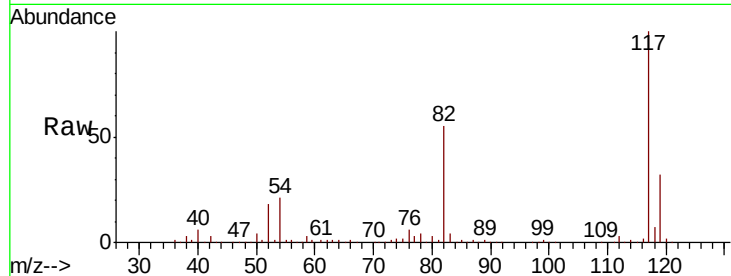
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	47.8	71.6
119	32.5	29.3	43.9

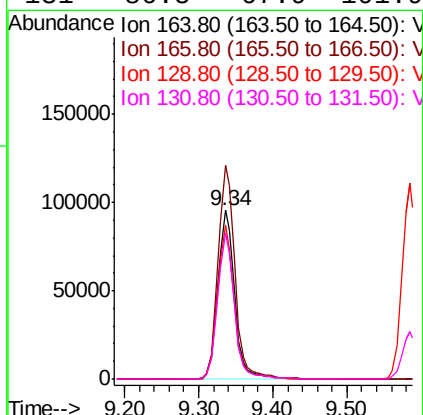
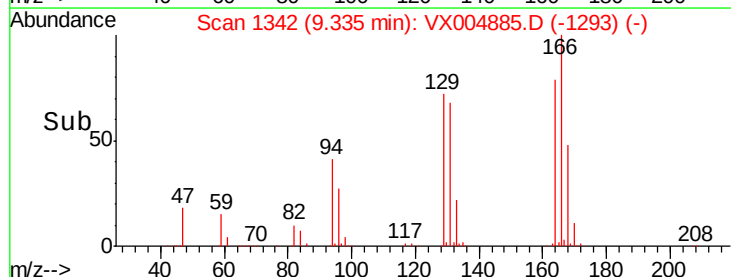
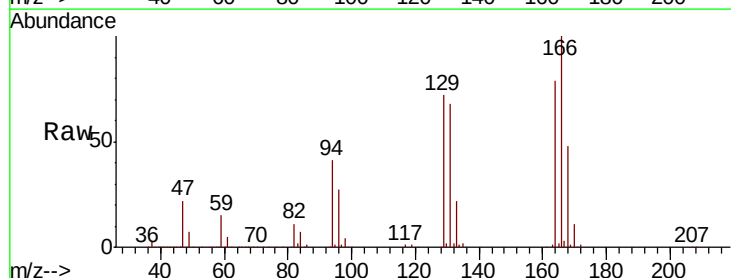
Manual Integrations
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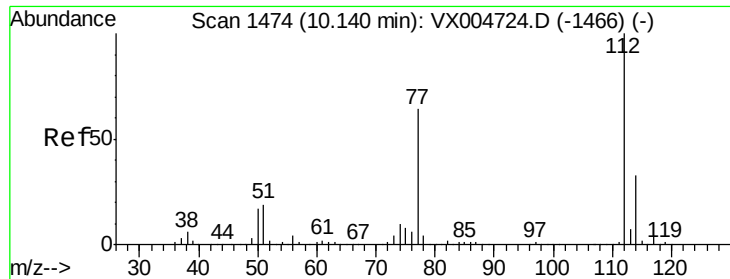
MMDadoda
10/4/2018 7:07:54 PM



#64
Tetrachloroethene
Concen: 48.552 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	102.8	154.2
129	90.9	69.4	104.0
131	86.5	67.9	101.9





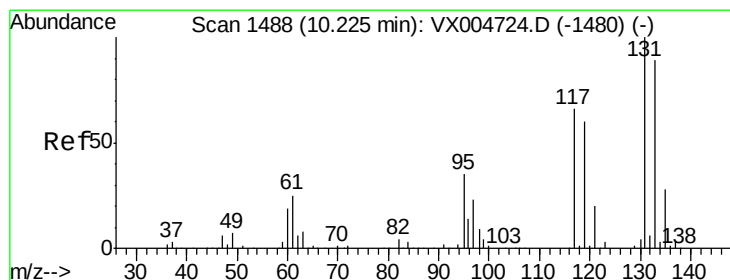
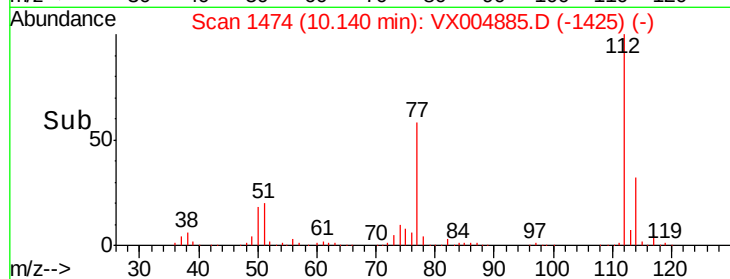
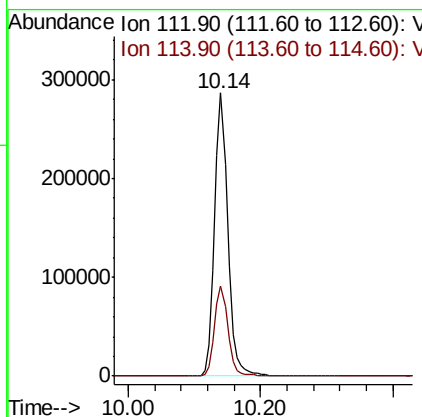
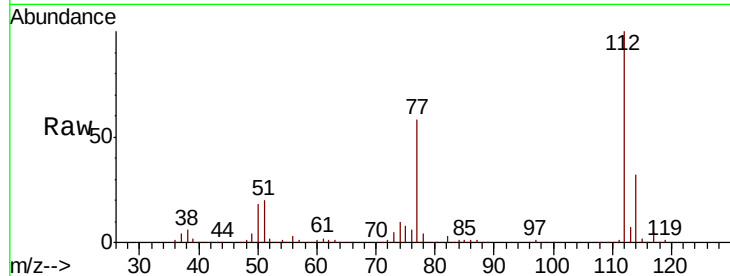
#65
Chlorobenzene
Concen: 49.392 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 393896
Ion Ratio Lower Upper
112 100
114 31.9 27.8 41.8

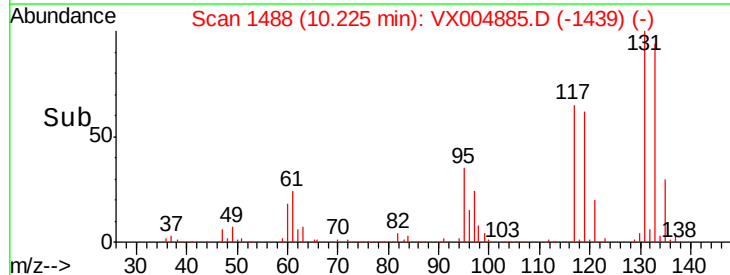
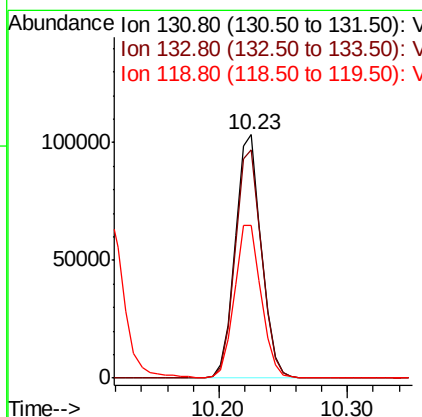
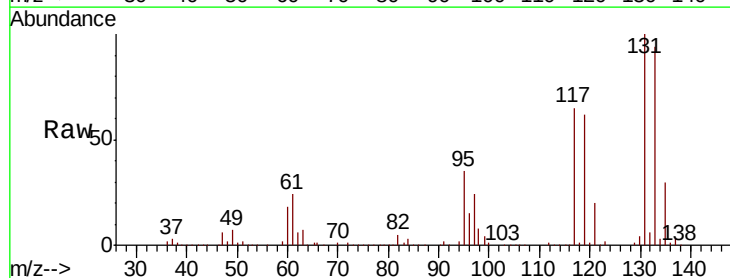
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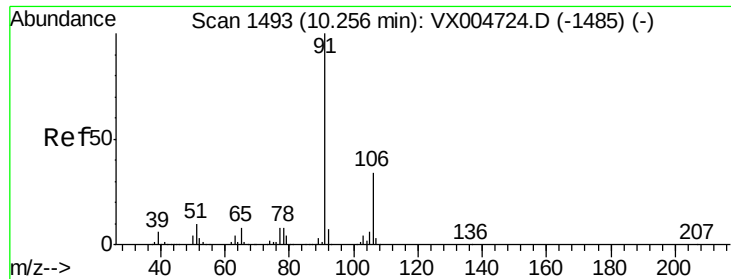
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.864 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion:131 Resp: 145406
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.4
119 64.6 32.9 98.6





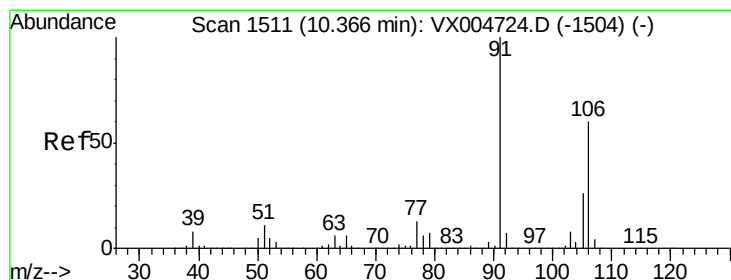
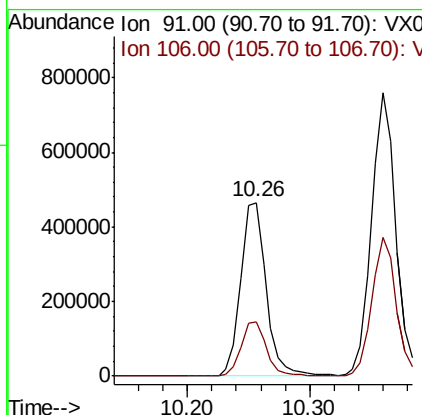
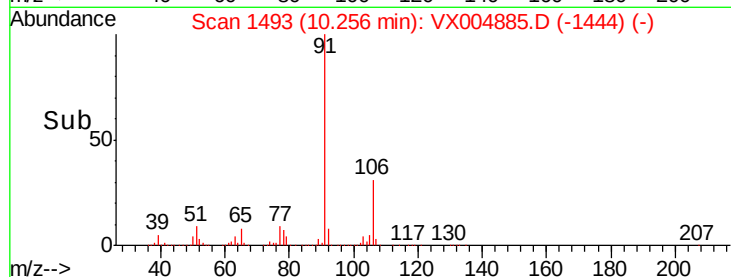
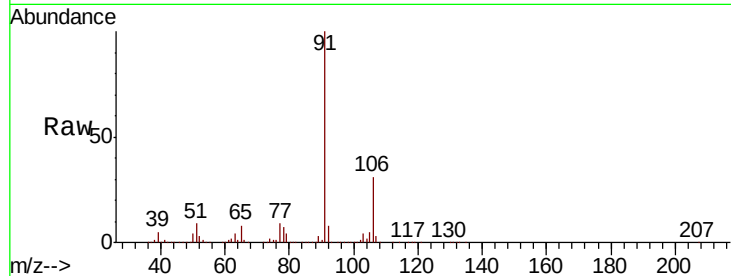
#67
Ethyl Benzene
Concen: 53.297 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 674796
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9

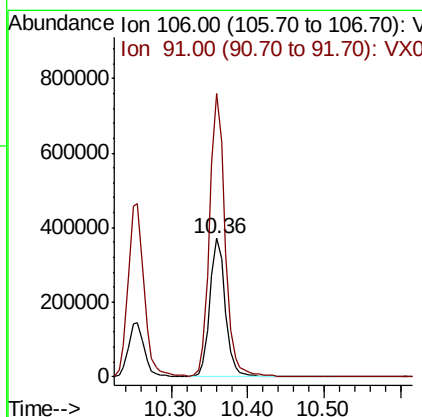
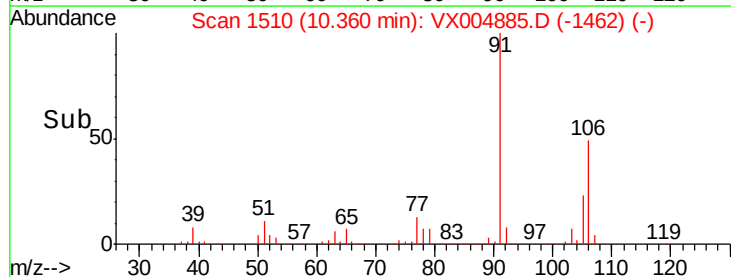
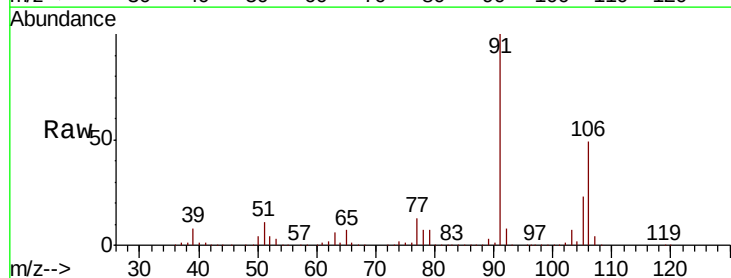
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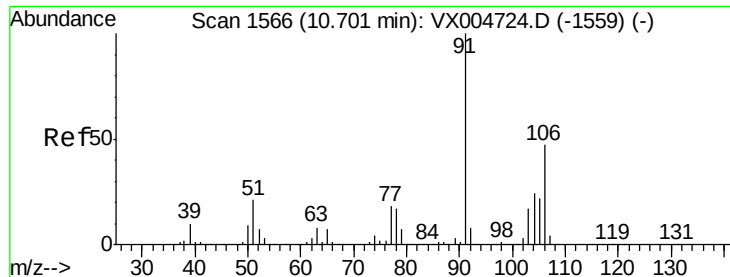
MMDadoda
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#68
m/p-Xylenes
Concen: 106.148 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion: 106 Resp: 525179
Ion Ratio Lower Upper
106 100
91 204.1 157.1 235.7





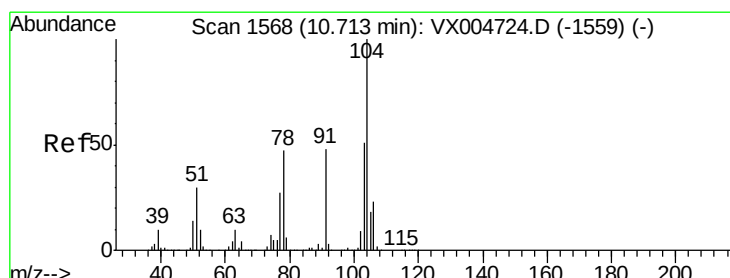
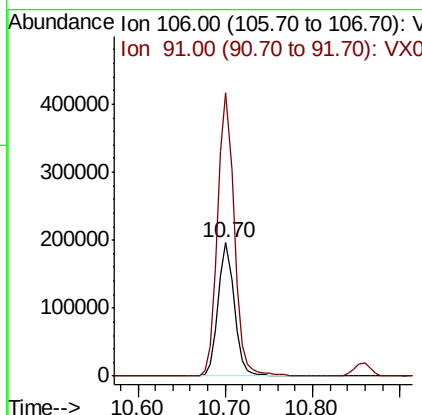
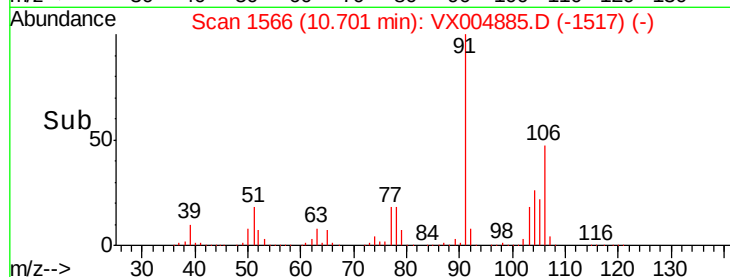
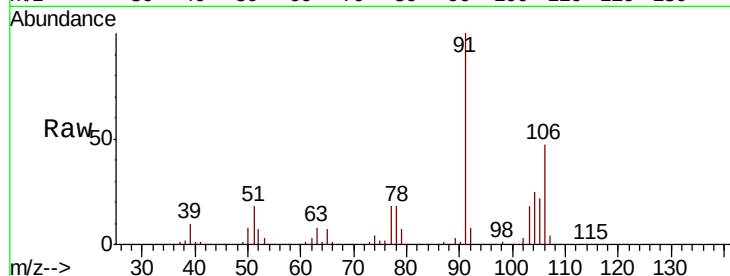
#69
o-Xylene
Concen: 55.667 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 252972
Ion Ratio Lower Upper
106 100
91 216.2 105.1 315.1

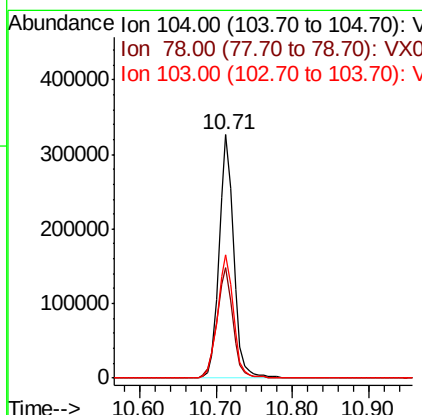
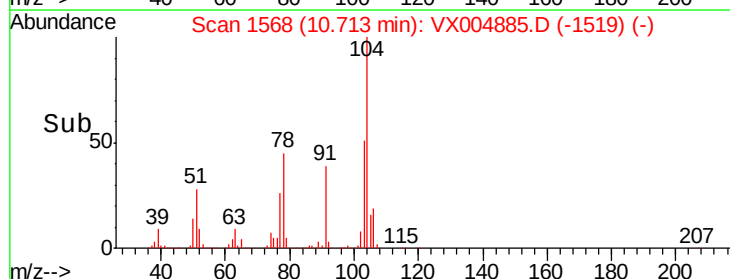
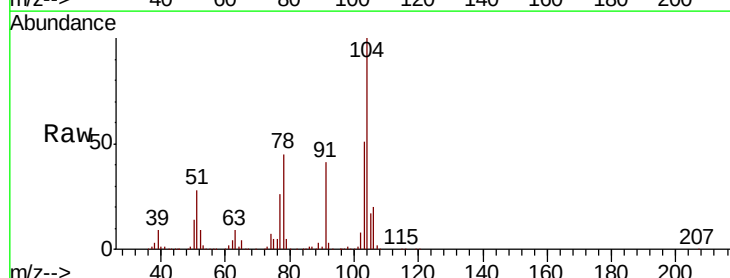
Manual Integrations
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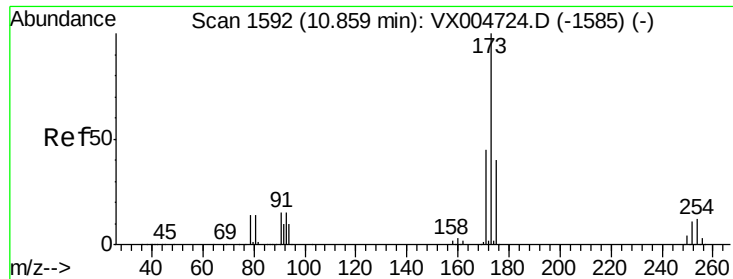
MMDadoda
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#70
Styrene
Concen: 50.801 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion:104 Resp: 432080
Ion Ratio Lower Upper
104 100
78 49.9 37.4 56.0
103 55.6 43.8 65.6





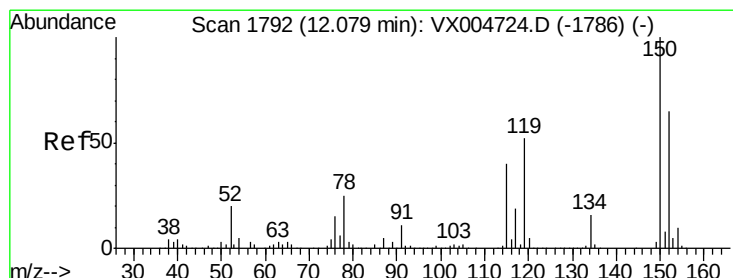
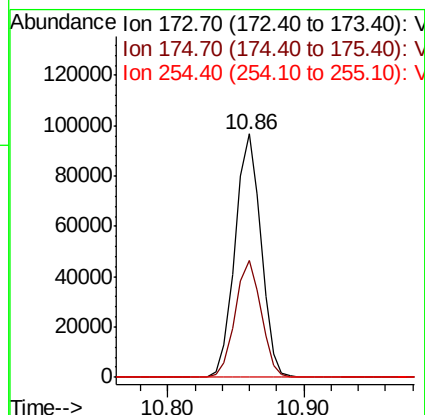
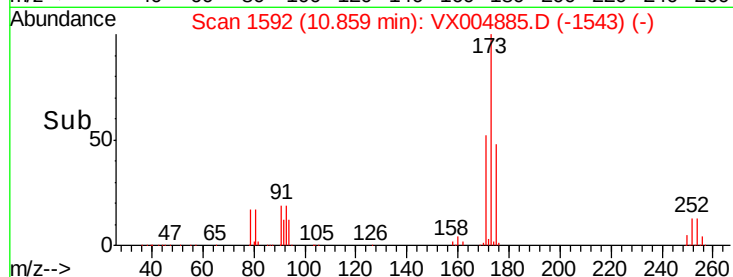
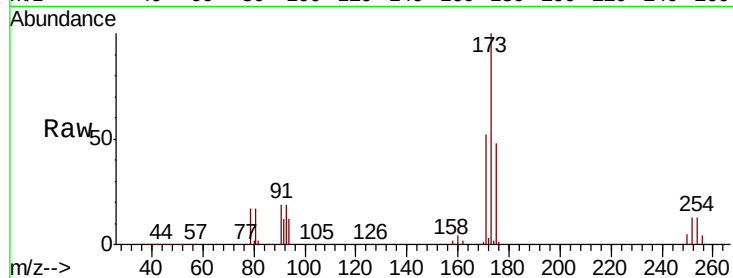
#71
Bromoform
Concen: 53.461 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.3
254	0.2	0.2	0.2

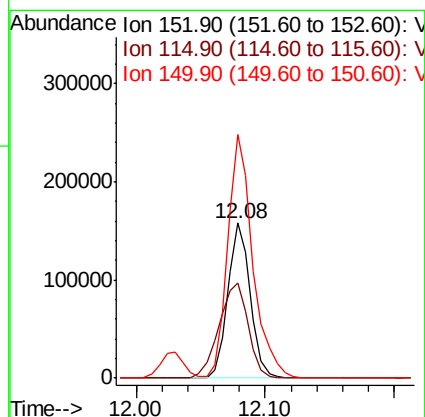
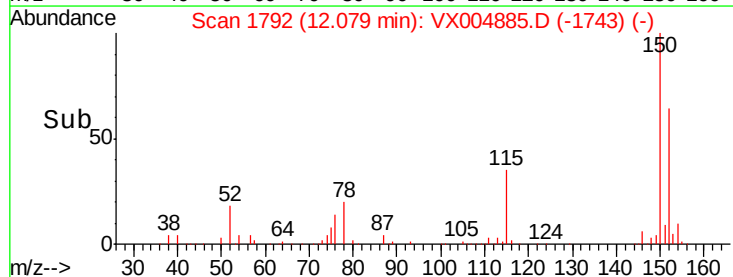
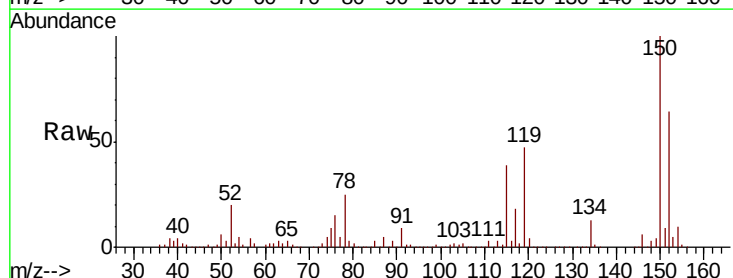
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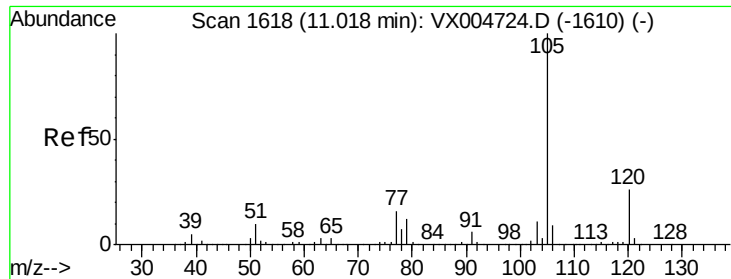
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.4	39.0	117.0
150	173.9	0.0	351.0





#73

Isopropylbenzene

Concen: 55.544 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 679795

Ion Ratio Lower Upper

105 100

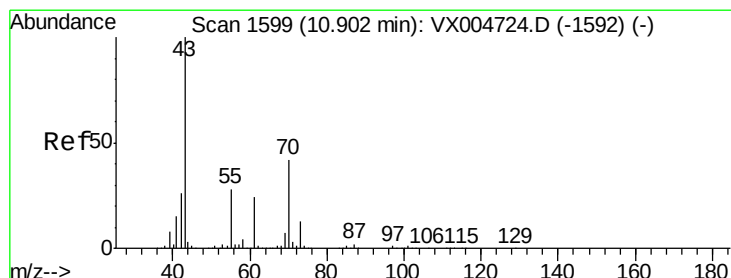
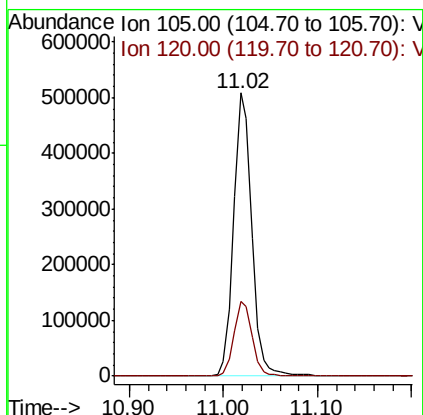
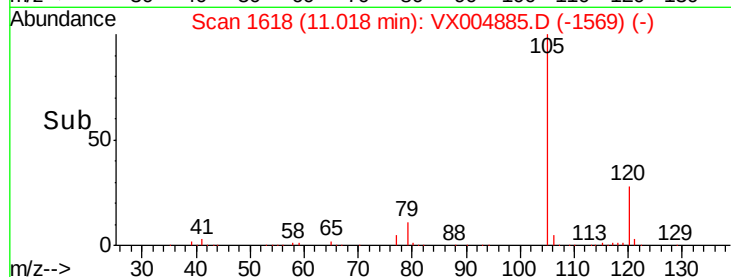
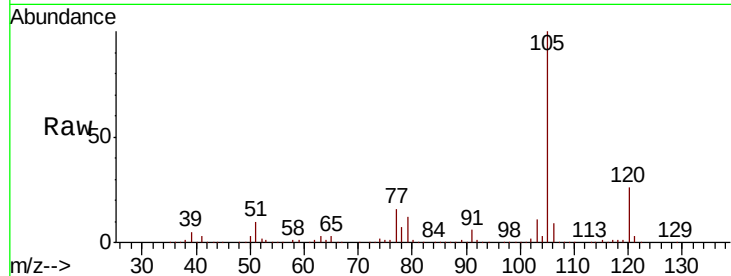
120 26.6 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.823 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Tgt Ion: 43 Resp: 335112

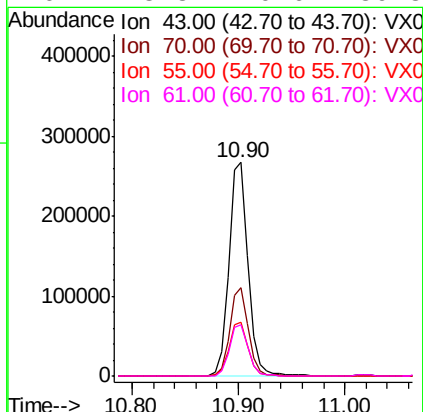
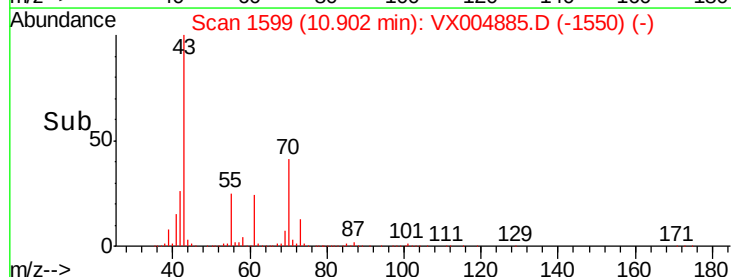
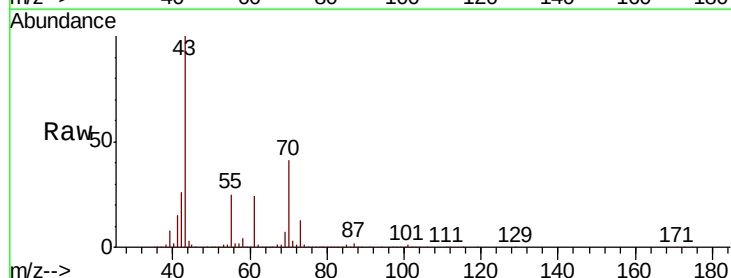
Ion Ratio Lower Upper

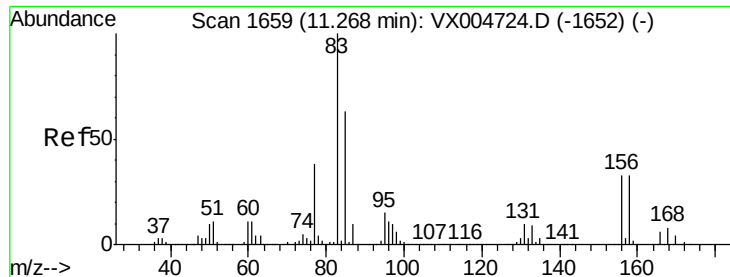
43 100

70 40.1 37.4 56.0

55 25.3 21.8 32.8

61 23.8 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.994 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 249072

Ion Ratio Lower Upper

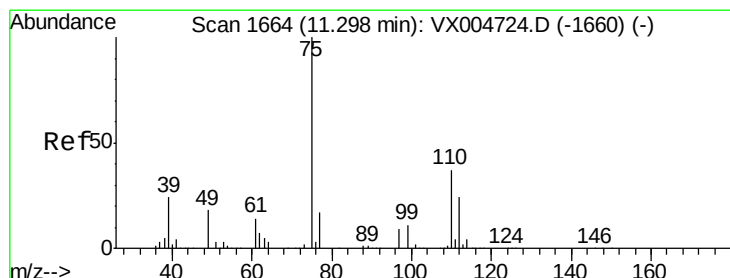
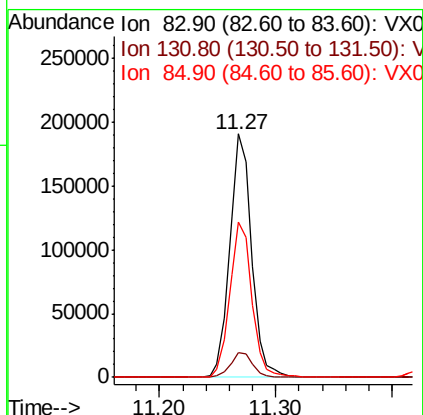
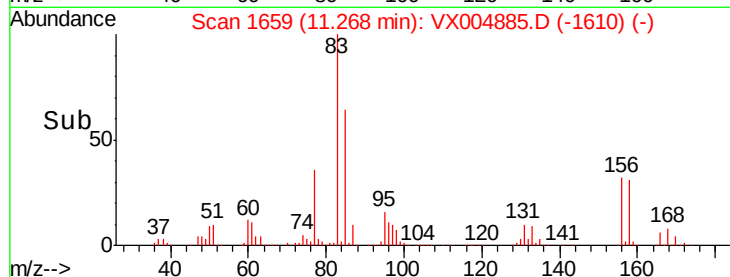
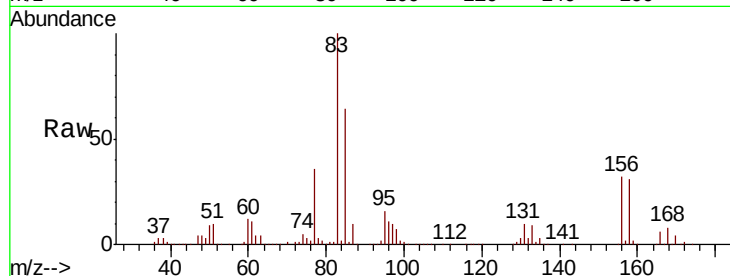
83 100

131 10.4 5.2 15.6

85 64.6 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.184 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004885.D

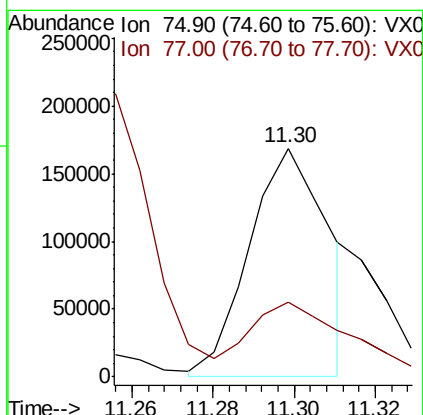
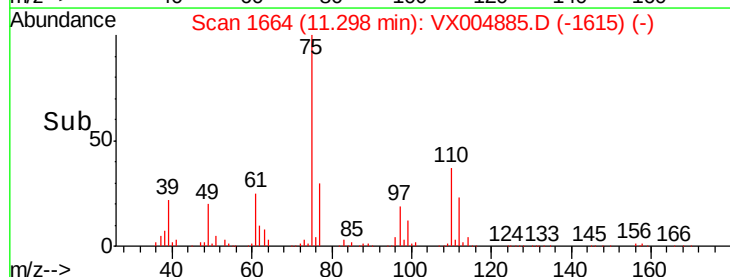
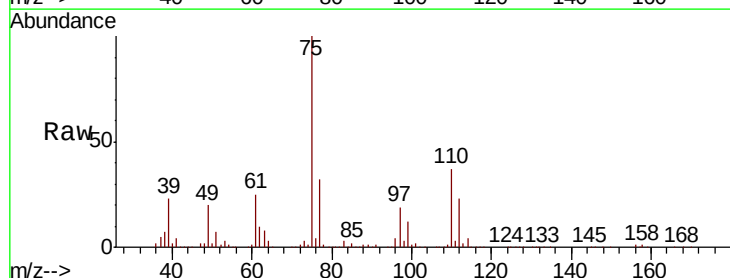
Acq: 01 Oct 2018 22:10

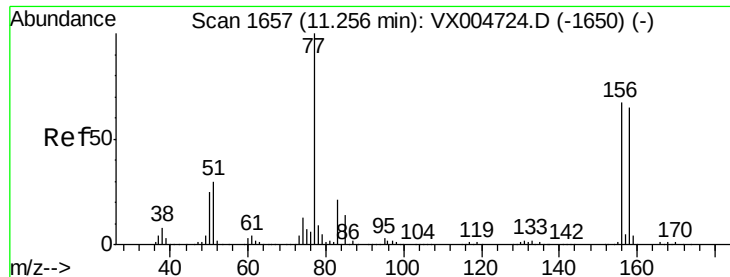
Tgt Ion: 75 Resp: 227106

Ion Ratio Lower Upper

75 100

77 41.7 20.2 60.6





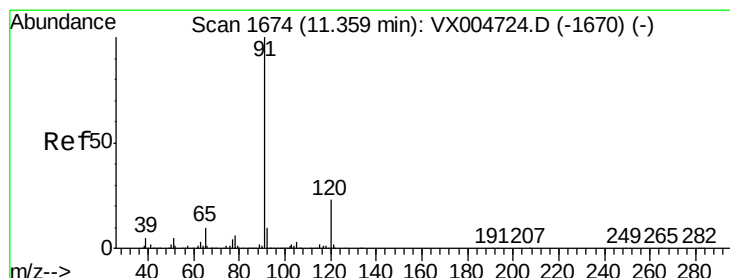
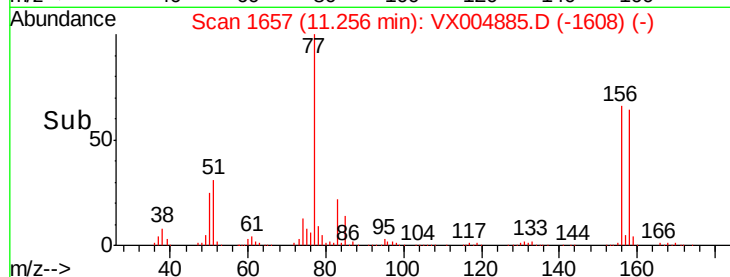
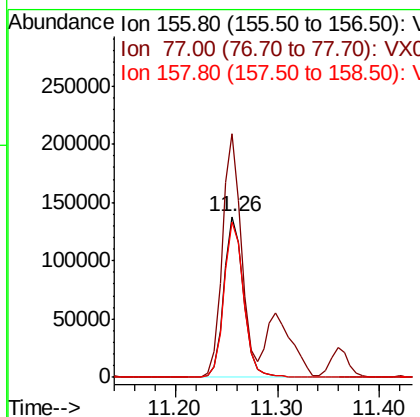
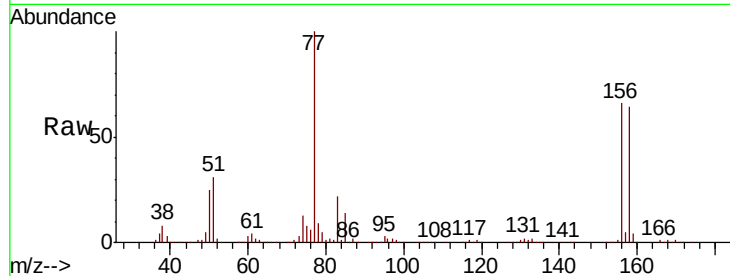
#77
Bromobenzene
Concen: 51.402 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.4	71.5	214.3
158	98.0	48.9	146.8

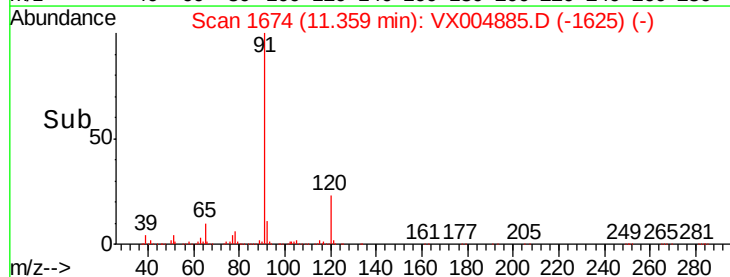
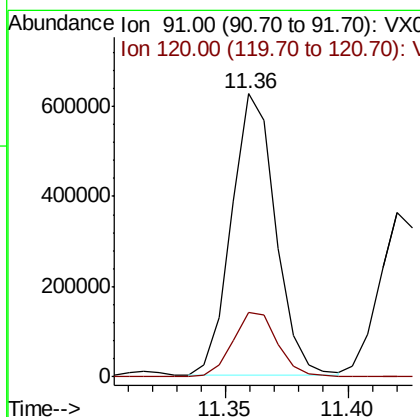
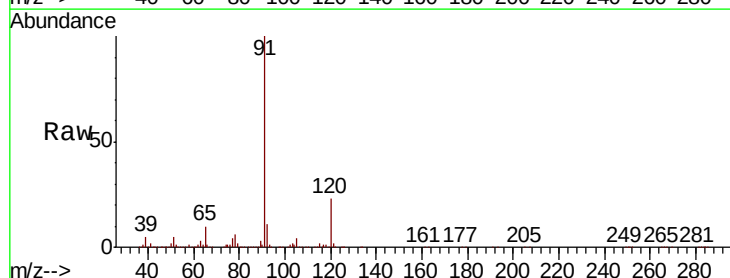
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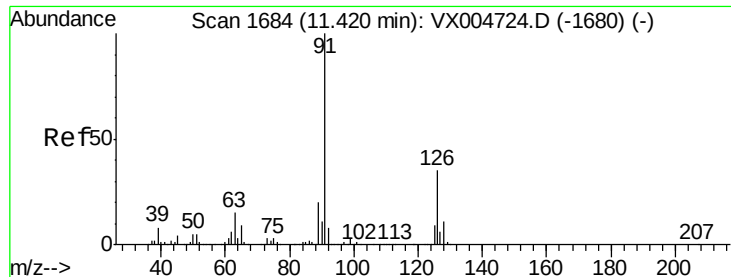
MMDadoda
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#78
n-propylbenzene
Concen: 55.616 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 54.262 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 474953

Ion Ratio Lower Upper

91 100

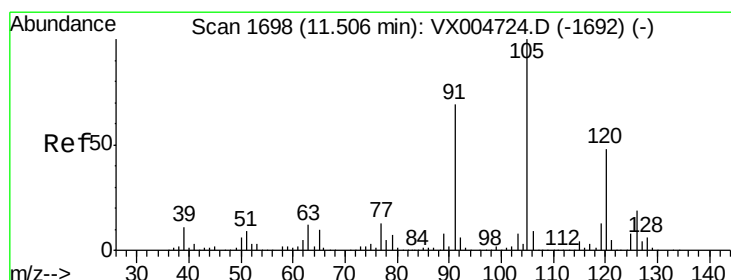
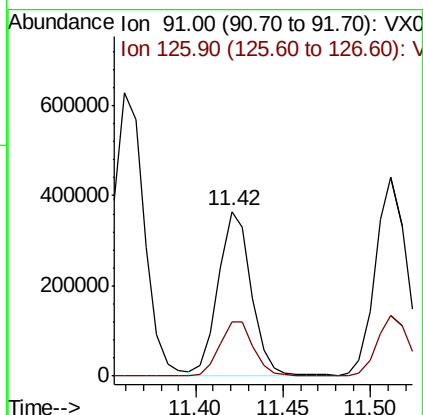
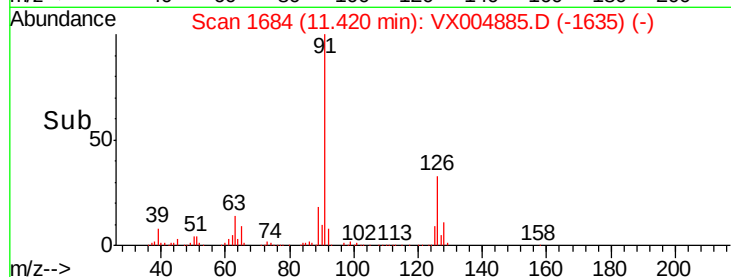
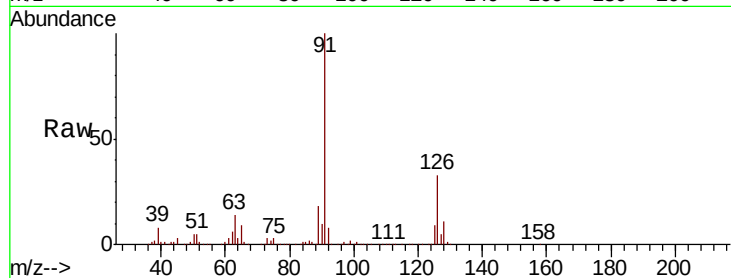
126 34.8 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.845 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004885.D

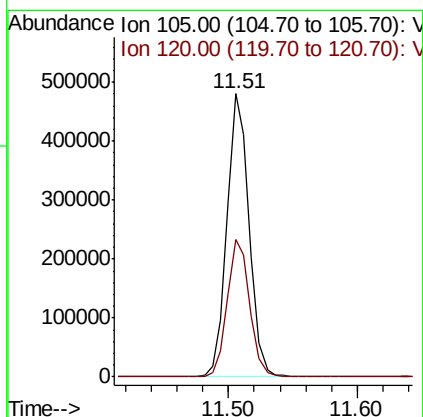
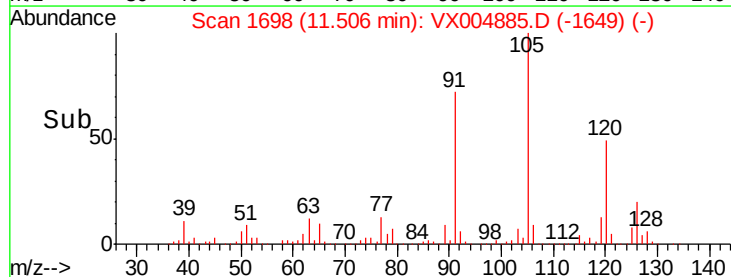
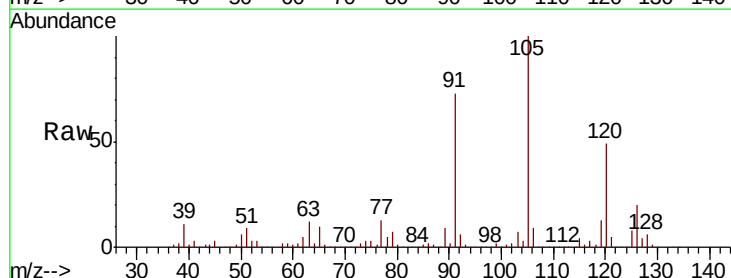
Acq: 01 Oct 2018 22:10

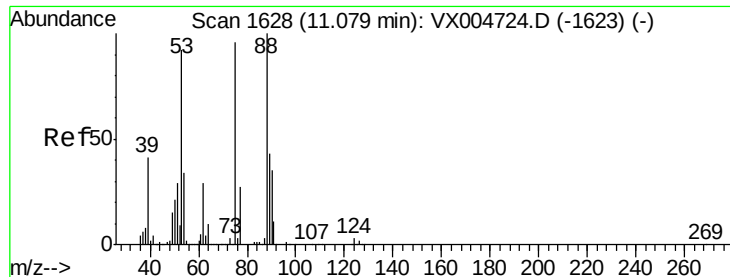
Tgt Ion: 105 Resp: 581484

Ion Ratio Lower Upper

105 100

120 49.0 25.6 76.8





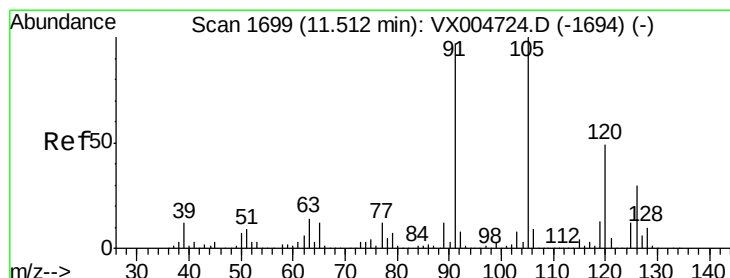
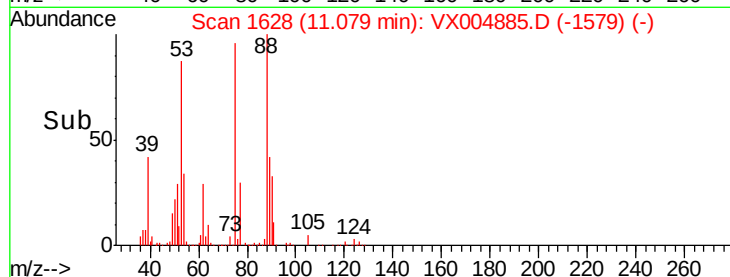
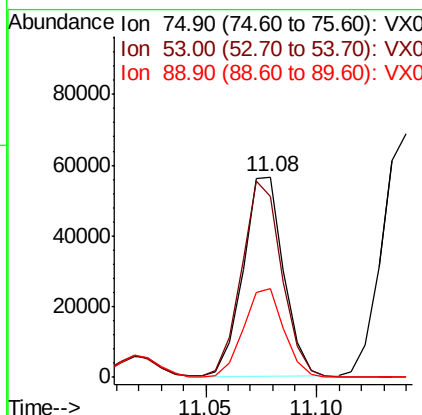
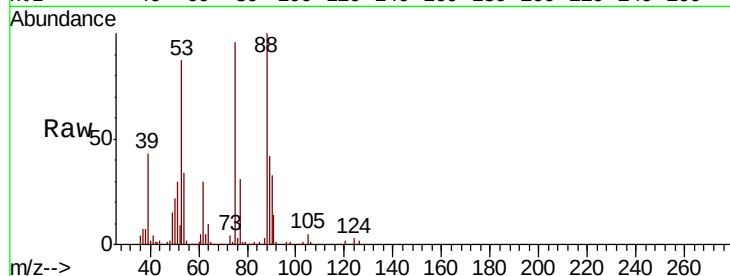
#81
trans-1,4-Dichloro-2-butene
Concen: 44.898 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.5	80.1	120.1
89	44.9	37.2	55.8

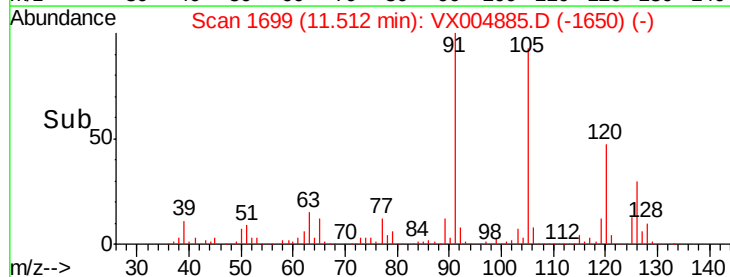
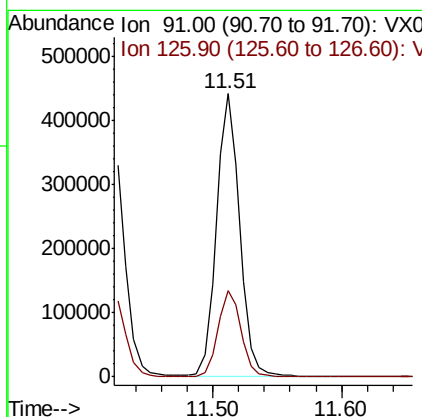
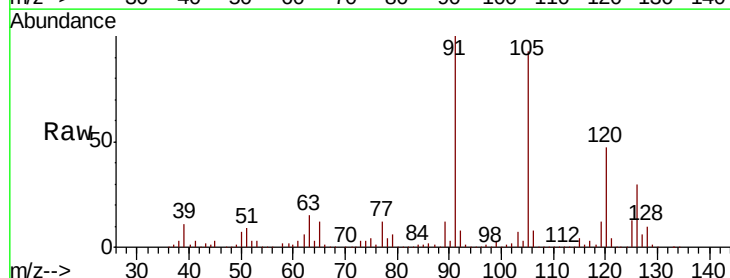
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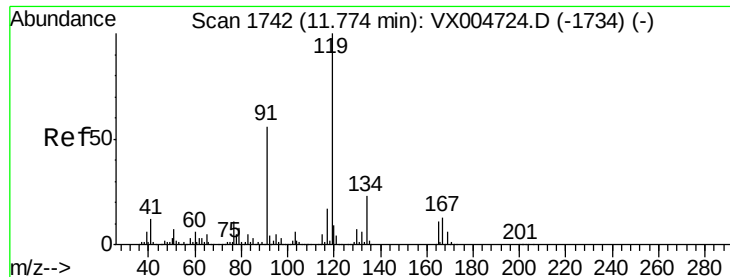
MMDadoda
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#82
4-Chlorotoluene
Concen: 54.296 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX004885.D
Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.5	46.5





#83

tert-Butylbenzene

Concen: 56.189 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

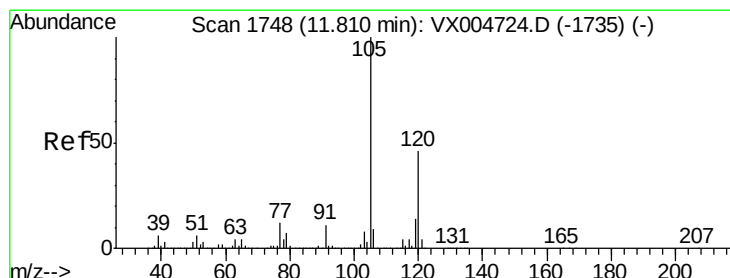
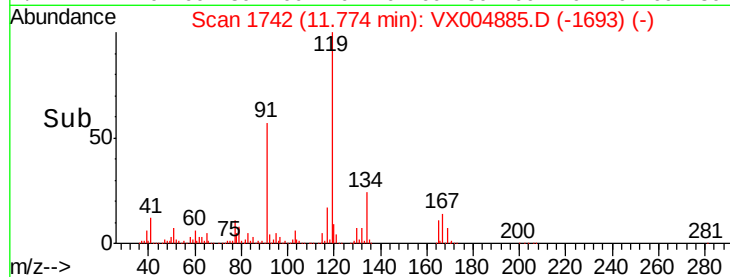
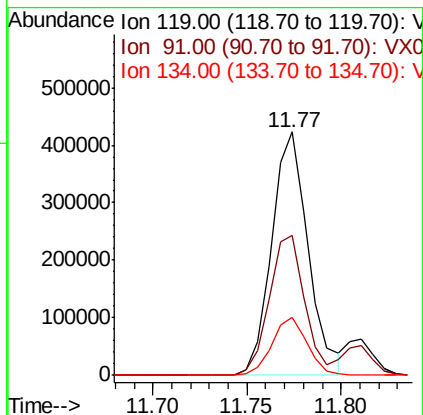
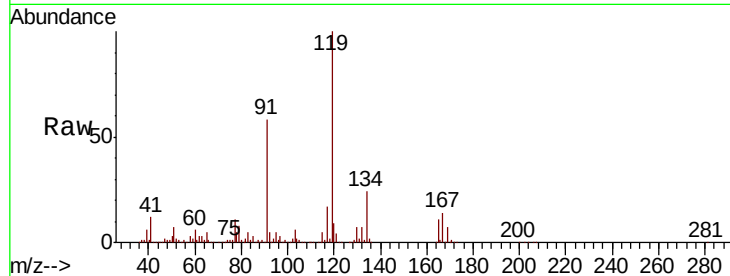
ClientSampled :

VSTDCCC050

Tot Ion:	119	Resp:	566195
Ion Ratio	Lower	Upper	
119	100		
91	56.0	27.0	81.0
134	23.0	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 52.062 ug/l

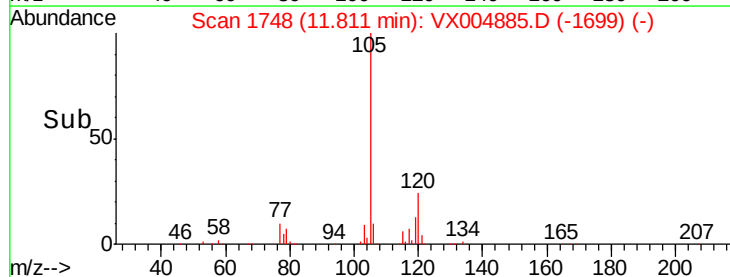
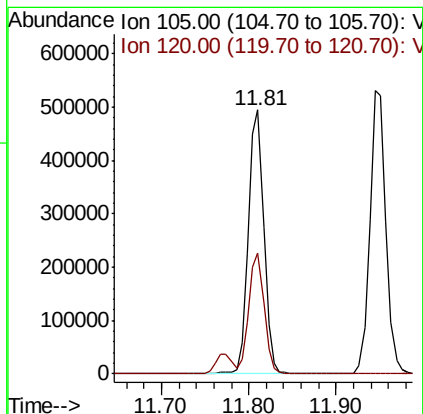
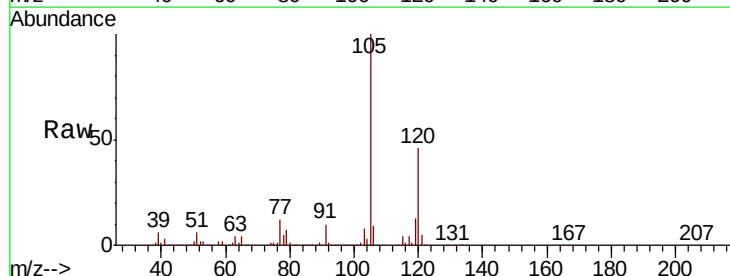
RT: 11.81 min Scan# 1748

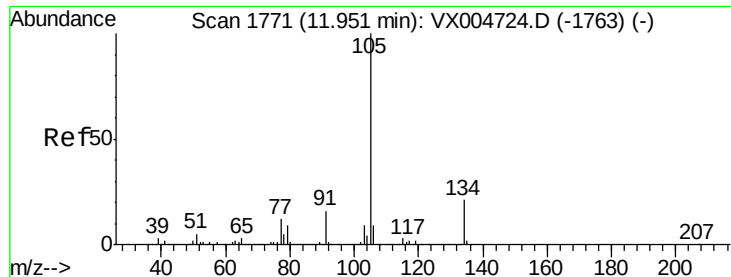
Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Tgt Ion:	105	Resp:	602167
Ion Ratio	Lower	Upper	
105	100		
120	45.2	23.2	69.6





#85

sec-Butylbenzene

Concen: 55.623 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 682697

Ion Ratio Lower Upper

105 100

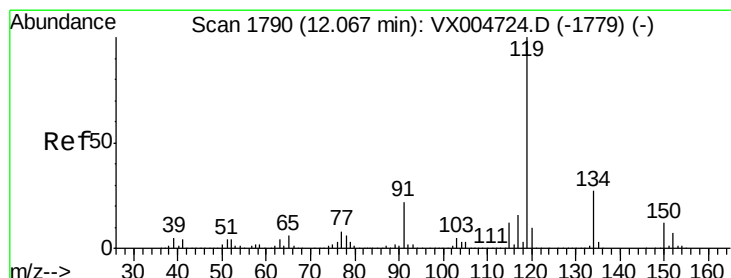
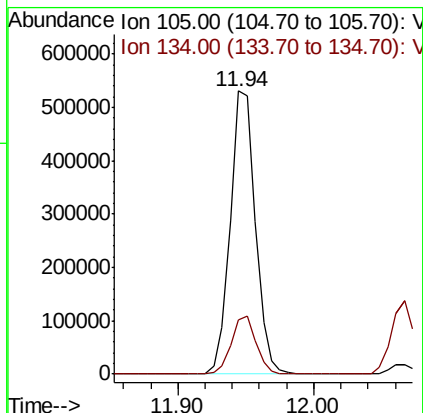
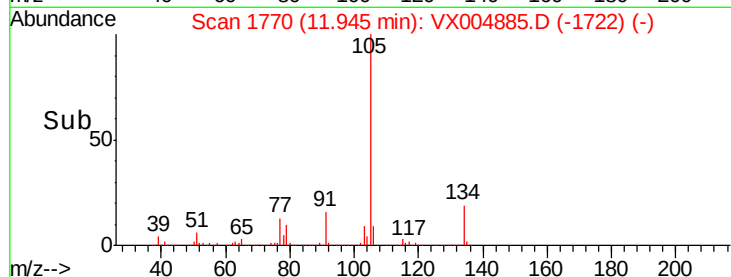
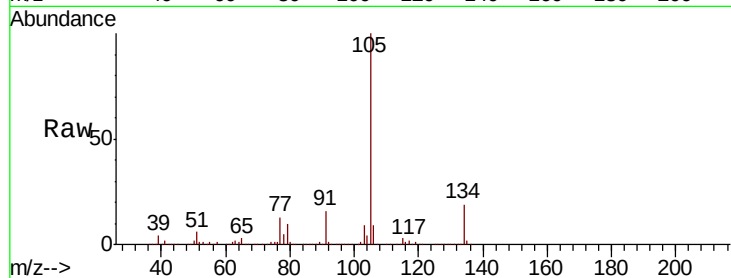
134 20.3 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 55.628 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

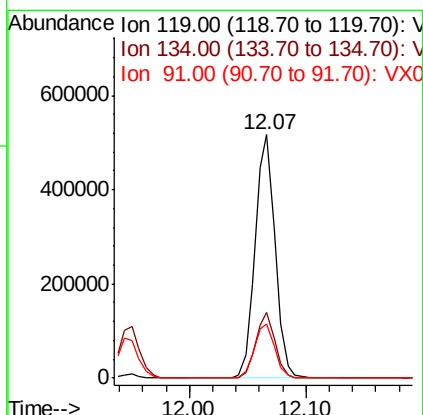
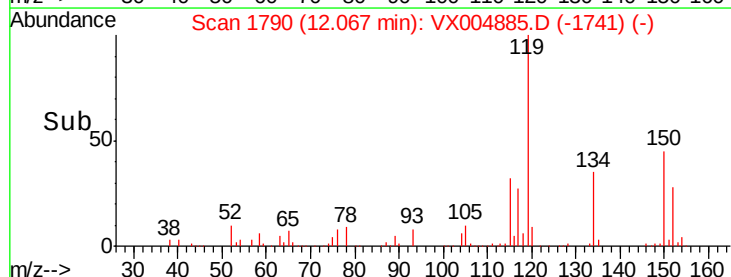
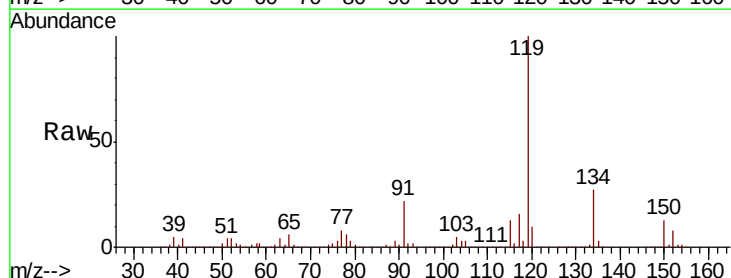
Tgt Ion:119 Resp: 618585

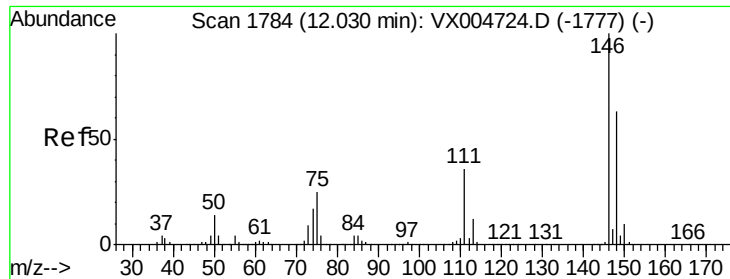
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 22.9 10.9 32.7





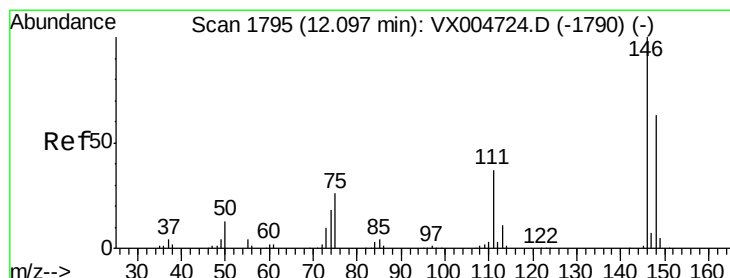
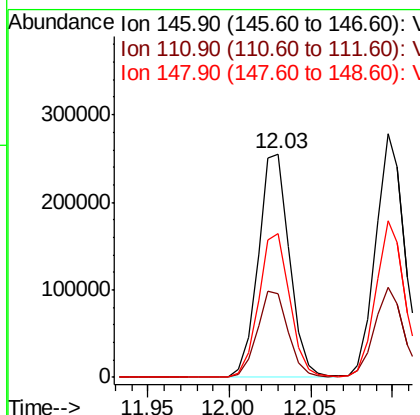
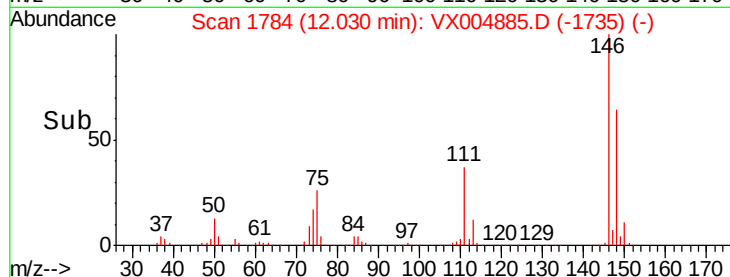
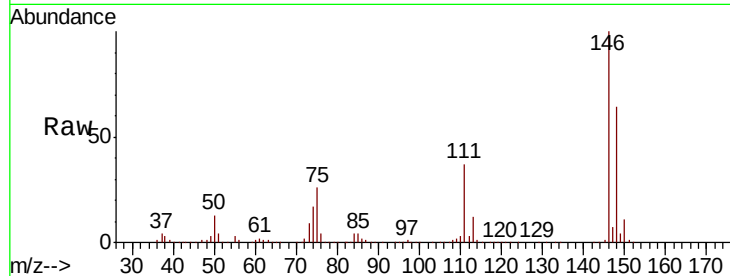
#87
 1,3-Dichlorobenzene
 Concen: 50.909 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.7	56.1
148	64.0	32.1	96.5

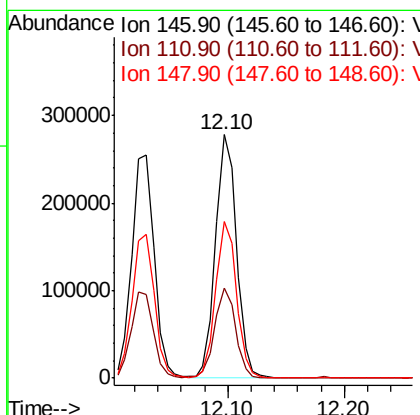
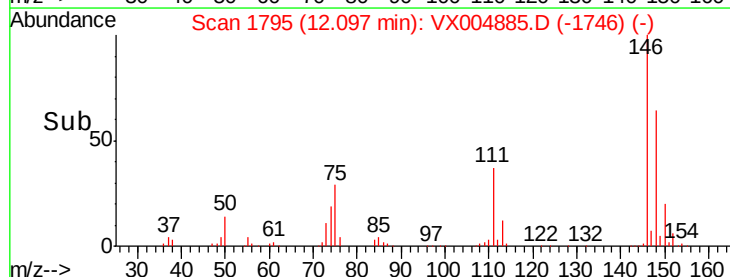
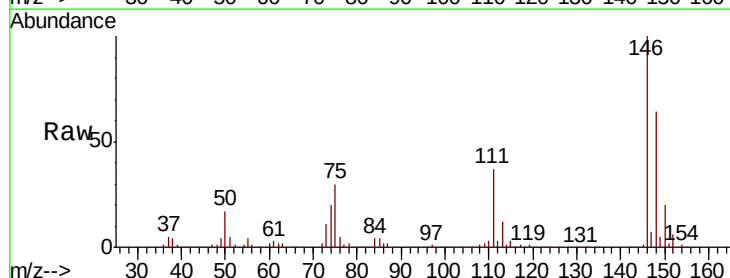
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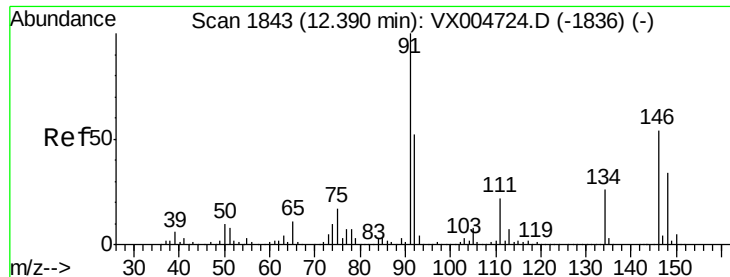
MMDadoda
 10/4/2018 7:07:54 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.289 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	64.1	32.0	96.0





#89

n-Butylbenzene

Concen: 54.656 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

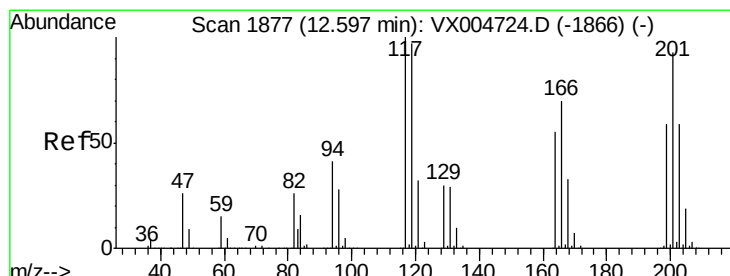
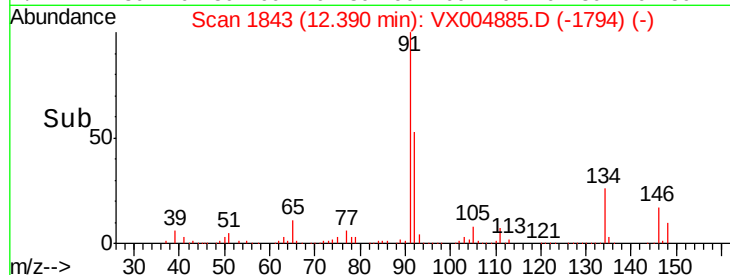
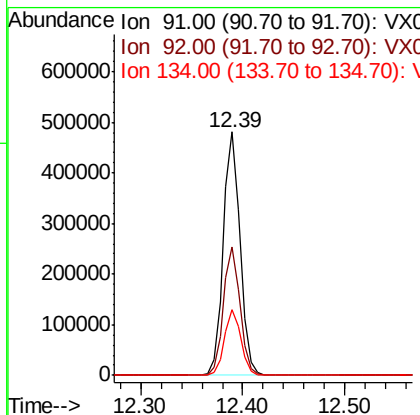
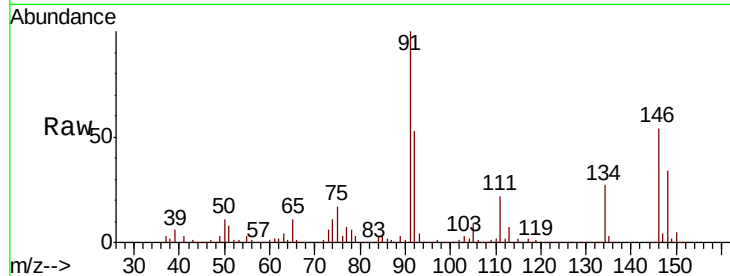
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	551977
Ion	Ratio	Lower	Upper
91	100		
92	52.2	27.3	81.9
134	26.2	13.6	40.7

Manual Integrations
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#90

Hexachloroethane

Concen: 53.726 ug/l

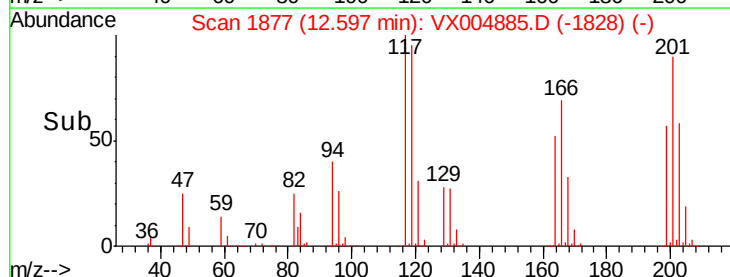
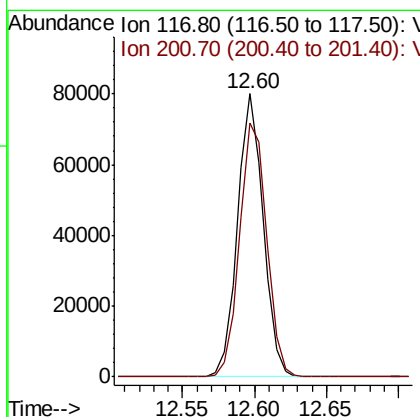
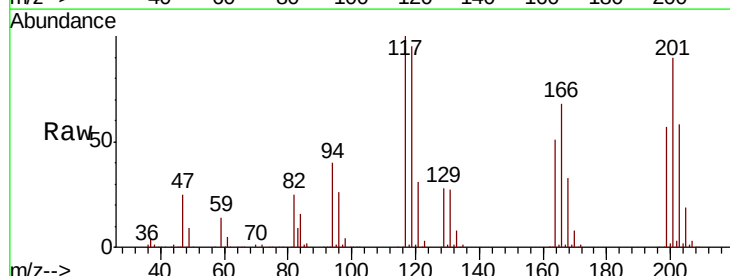
RT: 12.60 min Scan# 1877

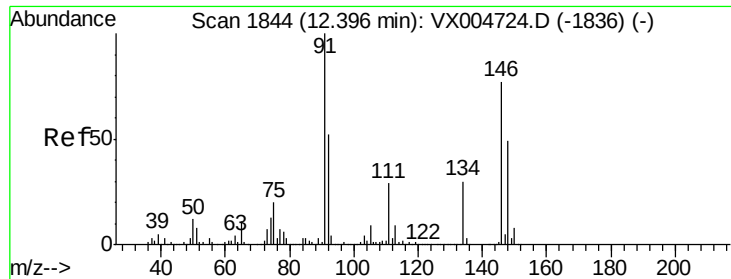
Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Tgt Ion:	117	Resp:	99470
Ion	Ratio	Lower	Upper
117	100		
201	94.0	46.9	140.6





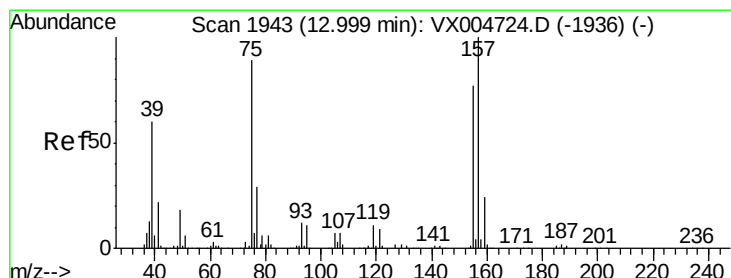
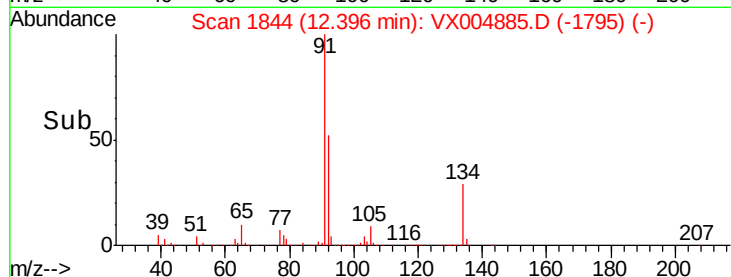
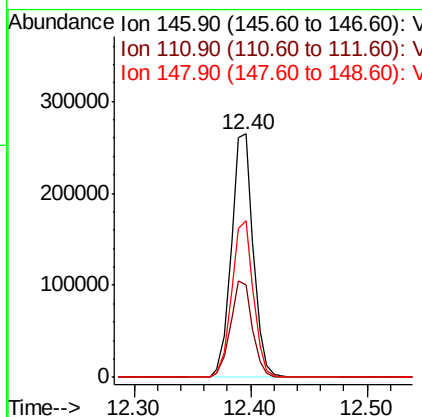
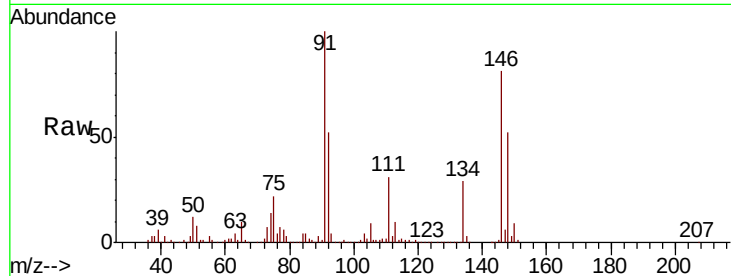
#91
 1,2-Dichlorobenzene
 Concen: 49.679 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.1
148	64.0	32.8	98.3

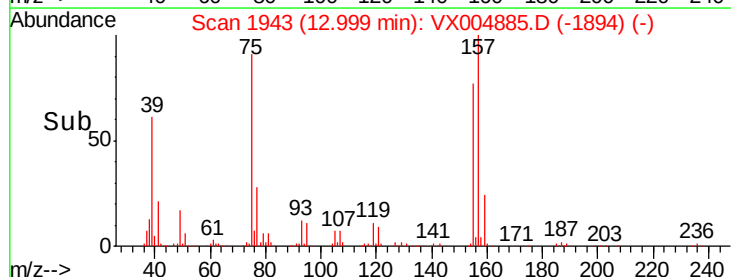
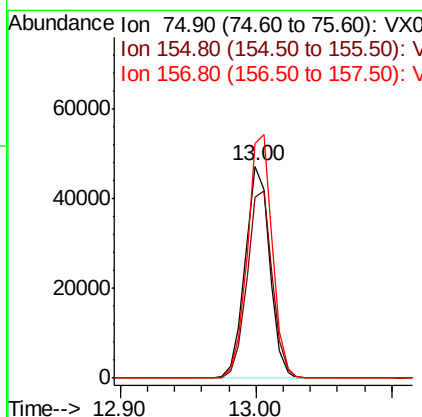
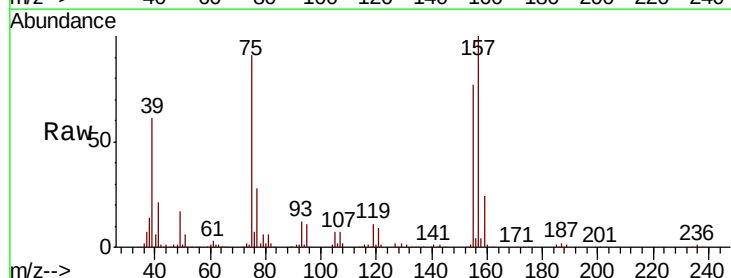
Manual Integrations
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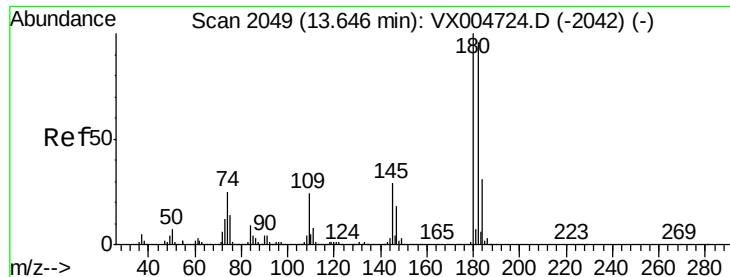
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.232 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.1	48.0	144.2
157	116.7	61.4	184.1





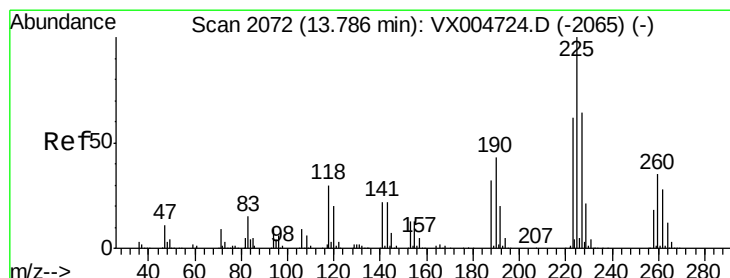
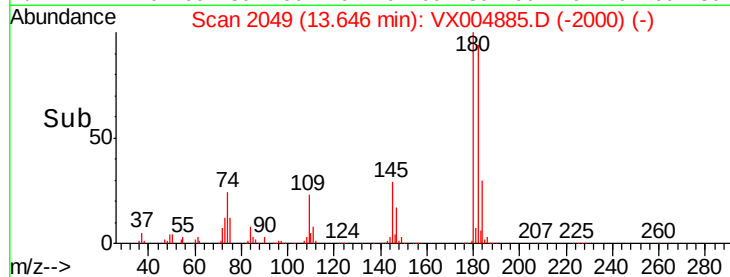
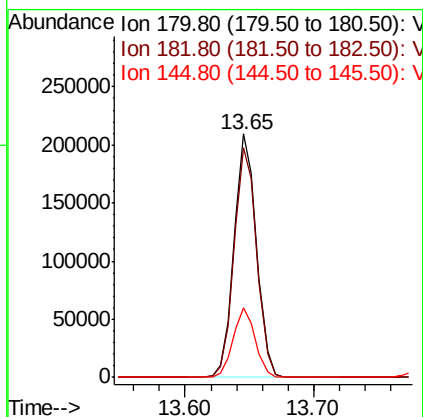
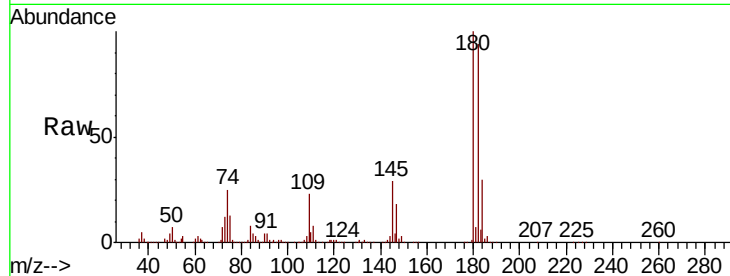
#93
 1,2,4-Trichlorobenzene
 Concen: 52.158 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	253807		
182	95.3	48.4	145.0	
145	28.1	14.3	42.9	

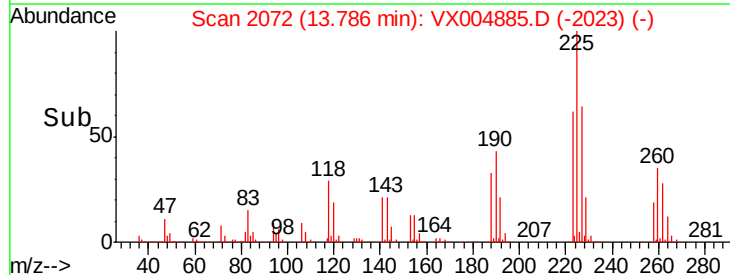
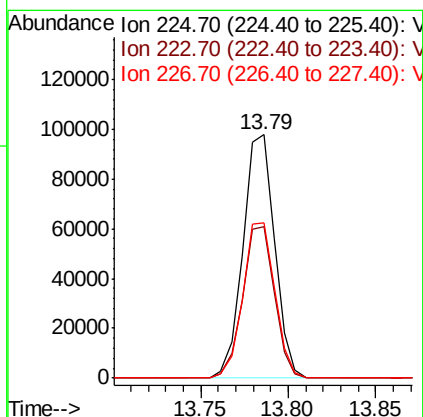
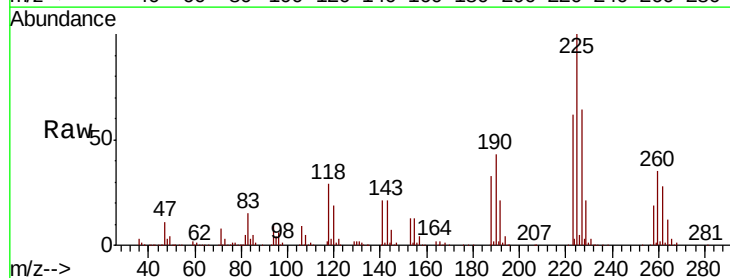
Manual Integrations
 APPROVED

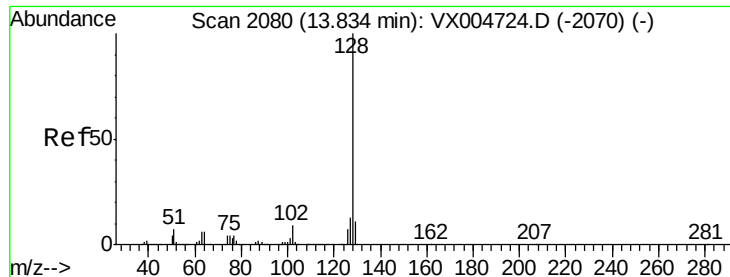
MMDadoda
 10/4/2018 7:07:54 PM



#94
 Hexachlorobutadiene
 Concen: 48.943 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004885.D
 Acq: 01 Oct 2018 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123501		
223	62.6	30.1	90.5	
227	64.4	30.8	92.4	





#95

Naphthalene

Concen: 51.129 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA_X

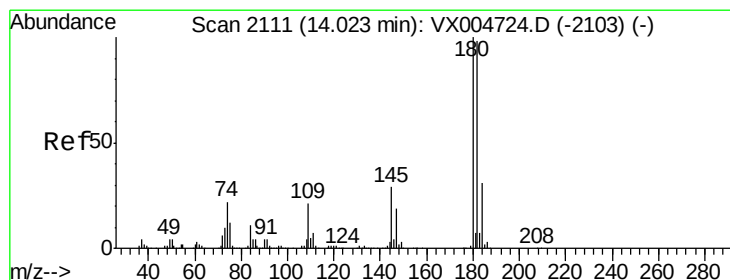
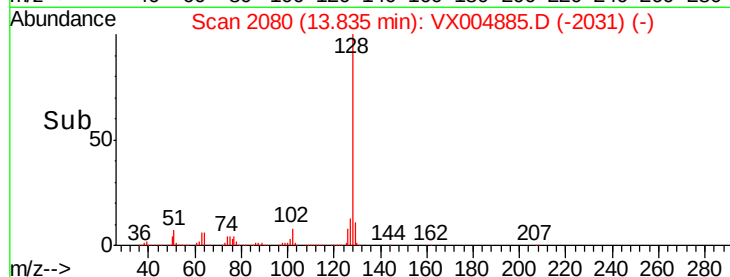
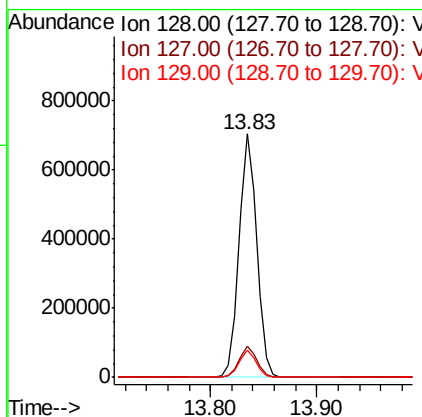
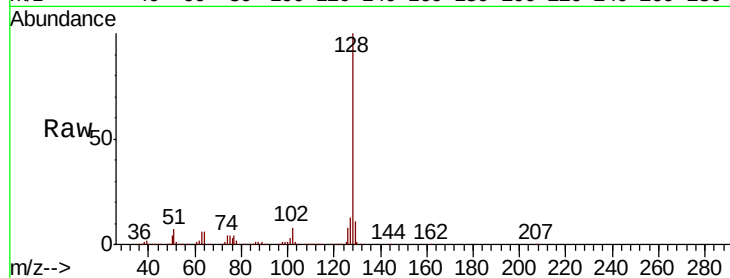
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	826059
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/4/2018 7:07:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.197 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Tgt Ion:	180	Resp:	262385
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.5	145.6
145	30.1	14.9	44.9

