

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002599.D
 Acq On : 15 Jun 2018 14:20
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061518

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:00 PM

Quant Time: Jun 16 01:53:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	232426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194203	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.51	113	152266	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	8.72	98	570049	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.14	95	223625	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114540	42.03	ug/l	97
3) Chloromethane	1.32	50	138135	42.61	ug/l	100
4) Vinyl Chloride	1.40	62	144244	42.88	ug/l	100
5) Bromomethane	1.64	94	106120	52.29	ug/l	100
6) Chloroethane	1.72	64	96381	43.47	ug/l	98
7) Trichlorofluoromethane	1.93	101	241317	44.16	ug/l	100
8) Diethyl Ether	2.19	74	96713	46.53	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	139115	45.54	ug/l	99
10) Methyl Iodide	2.51	142	165878	41.25	ug/l	100
11) Tert butyl alcohol	3.07	59	186446	231.22	ug/l	98
12) 1,1-Dichloroethene	2.37	96	123917	43.21	ug/l	99
13) Acrolein	2.29	56	97074	256.61	ug/l	99
14) Allyl chloride	2.73	41	260616	45.76	ug/l	99
15) Acrylonitrile	3.15	53	413898	235.22	ug/l	99
16) Acetone	2.45	43	409098	237.72	ug/l	100
17) Carbon Disulfide	2.57	76	313933	46.15	ug/l	99
18) Methyl Acetate	2.78	43	218755	47.71	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	503286	46.78	ug/l	98
20) Methylene Chloride	2.86	84	151460	42.92	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	138383	44.48	ug/l	96
22) Diisopropyl ether	3.87	45	473030	45.91	ug/l	97
23) Vinyl Acetate	3.82	43	2063890	239.34	ug/l	99
24) 1,1-Dichloroethane	3.70	63	267322	47.80	ug/l	100
25) 2-Butanone	4.71	43	559937	247.76	ug/l	98
26) 2,2-Dichloropropane	4.58	77	192438	47.89	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	147724	46.66	ug/l	93
28) Bromochloromethane	5.02	49	139728	53.36	ug/l	96
29) Tetrahydrofuran	5.17	42	360741	243.55	ug/l	98
30) Chloroform	5.22	83	251947	46.72	ug/l	99
31) Cyclohexane	5.57	56	207413	45.05	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	211835	46.97	ug/l	99
36) 1,1-Dichloropropene	5.80	75	177940	45.56	ug/l	99
37) Ethyl Acetate	4.87	43	220008	49.77	ug/l	100
38) Carbon Tetrachloride	5.78	117	184274	47.38	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	215587	47.22	ug/l	99
40) Benzene	6.15	78	543905	46.44	ug/l	100
41) Methacrylonitrile	5.07	41	123917	49.64	ug/l	99
42) 1,2-Dichloroethane	6.20	62	212875	46.95	ug/l	100
43) Isopropyl Acetate	6.47	43	363340	49.61	ug/l	100
44) Trichloroethene	7.21	130	158641	46.93	ug/l	99
45) 1,2-Dichloropropane	7.52	63	146980	47.69	ug/l	100
46) Dibromomethane	7.67	93	100166	48.58	ug/l	98
47) Bromodichloromethane	7.90	83	183286	50.40	ug/l	97
48) Methyl methacrylate	7.78	41	187881	50.20	ug/l	99
49) 1,4-Dioxane	7.76	88	62303	878.97	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1186735	252.34	ug/l	100
52) Toluene	8.79	92	356367	47.70	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	226331	47.16	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	214692	46.96	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	148166	49.08	ug/l	99
56) Ethyl methacrylate	9.18	69	237093	51.04	ug/l	98
57) 1,3-Dichloropropane	9.37	76	245091	48.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	631627	281.11	ug/l	99
59) 2-Hexanone	9.50	43	916716	258.68	ug/l	98
60) Dibromochloromethane	9.59	129	153281	45.50	ug/l	98
61) 1,2-Dibromoethane	9.68	107	159788	51.11	ug/l	100
64) Tetrachloroethene	9.34	164	172507	43.11	ug/l	98
65) Chlorobenzene	10.14	112	414795	46.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	151751	50.28	ug/l	99
67) Ethyl Benzene	10.26	91	700581	46.92	ug/l	100
68) m/p-Xylenes	10.36	106	542882	94.25	ug/l	100
69) o-Xylene	10.70	106	267966	47.35	ug/l	100
70) Styrene	10.71	104	455082	48.90	ug/l	99
71) Bromoform	10.86	173	120255	44.37	ug/l	100
73) Isopropylbenzene	11.02	105	716185	46.07	ug/l	100
74) N-amyl acetate	6.47	43	363340	47.04	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	223456	48.68	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	227598m	51.89	ug/l	
77) Bromobenzene	11.26	156	205648	47.49	ug/l	97
78) n-propylbenzene	11.37	91	834634	46.82	ug/l	99
79) 2-Chlorotoluene	11.43	91	491966	46.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	621893	47.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	63867	46.88	ug/l	96
82) 4-Chlorotoluene	11.51	91	597481	47.57	ug/l	100
83) tert-Butylbenzene	11.77	119	602346	47.60	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	643440	48.00	ug/l	98
85) sec-Butylbenzene	11.95	105	734542	46.68	ug/l	99
86) p-Isopropyltoluene	12.07	119	679502	47.72	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	373083	46.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	385909	47.76	ug/l	99
89) n-Butylbenzene	12.39	91	603789	48.07	ug/l	99
90) Hexachloroethane	12.60	117	101285	45.86	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	377114	47.18	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50651	52.68	ug/l	96

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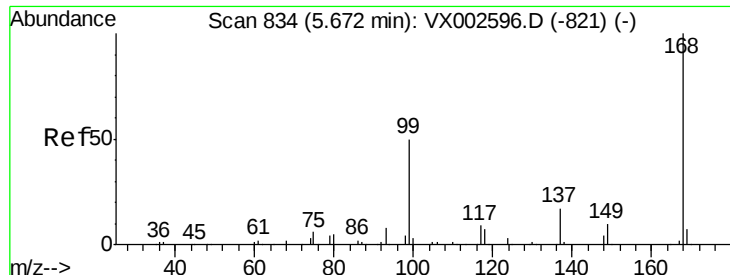
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	294717	50.80	ug/l	100
94) Hexachlorobutadiene	13.79	225	142898	46.76	ug/l	99
95) Naphthalene	13.84	128	796276	51.01	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	292026	50.12	ug/l	99

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



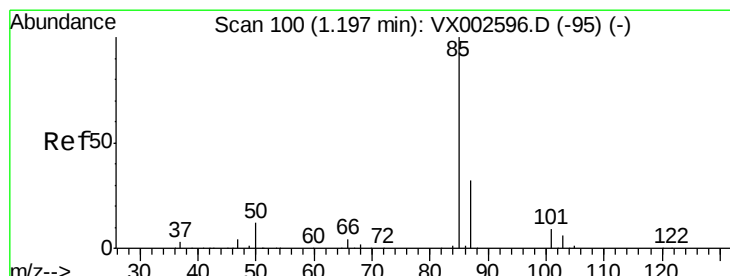
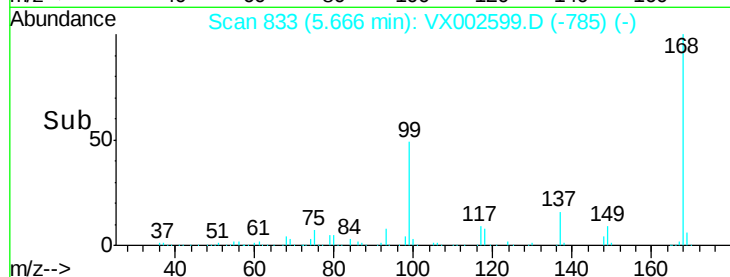
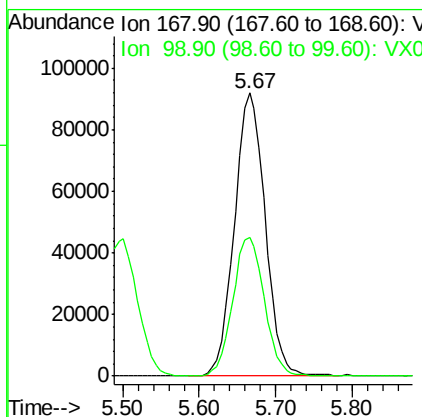
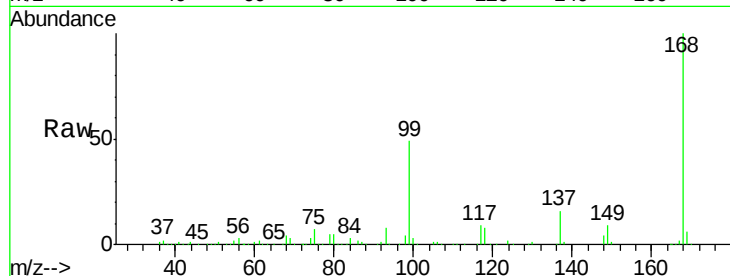
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.3	58.9

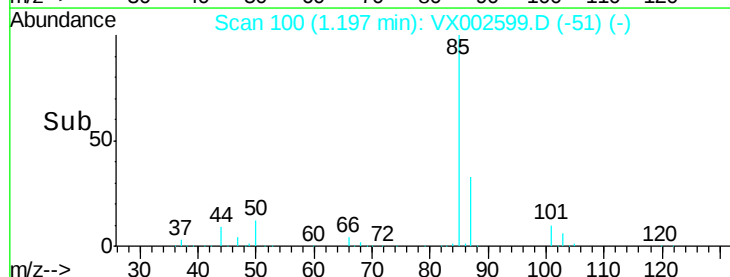
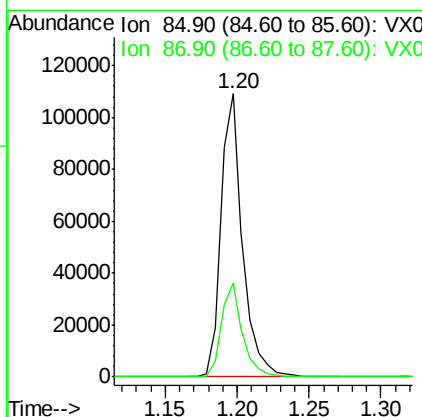
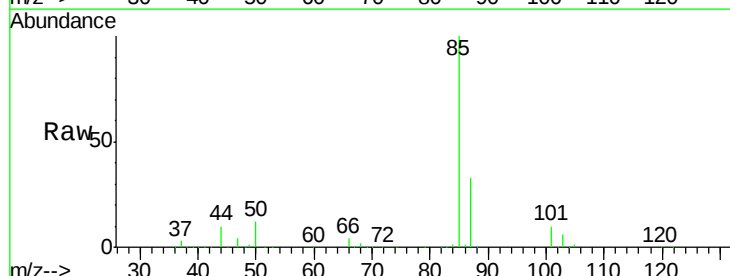
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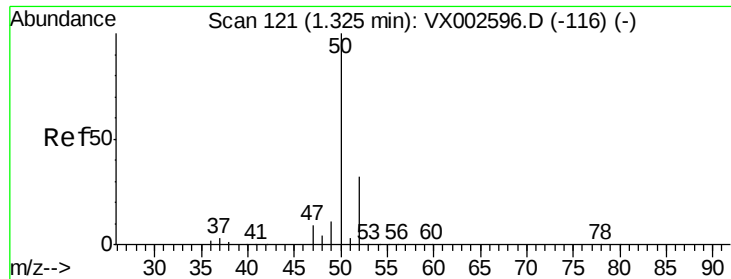
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#2
Dichlorodifluoromethane
Concen: 42.03 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.0	47.9





#3

Chloromethane

Concen: 42.61 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061518

Tot Ion: 50 Resp: 138135

Ion Ratio Lower Upper

50 100

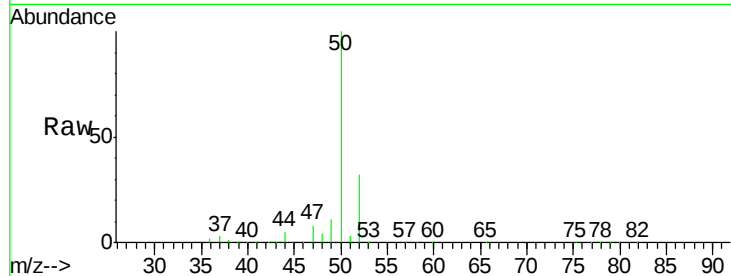
52 31.9 25.7 38.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

150000

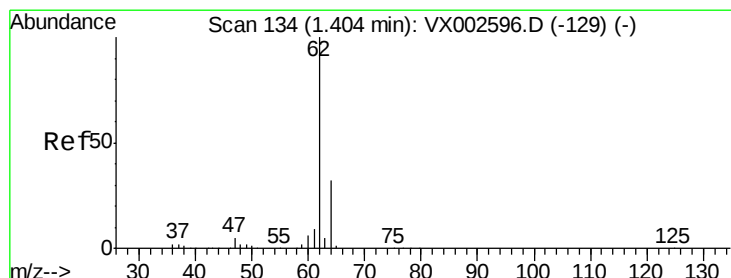
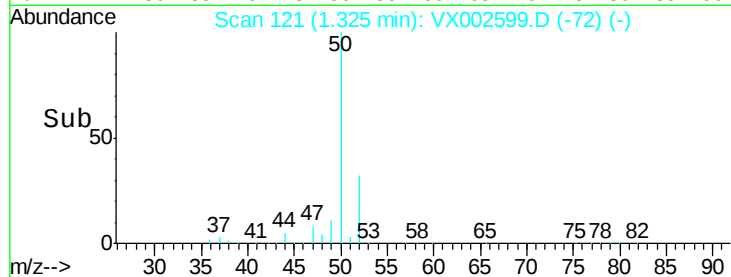
1.32

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 42.88 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002599.D

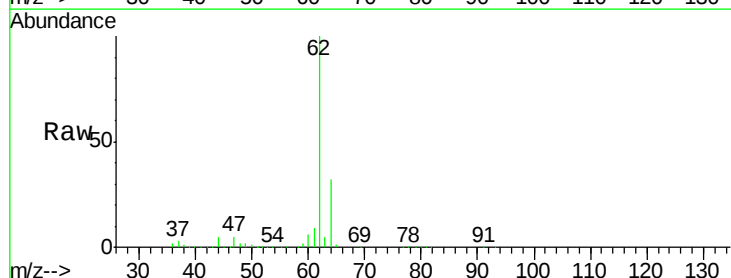
Acq: 15 Jun 2018 14:20

Tgt Ion: 62 Resp: 144244

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

150000

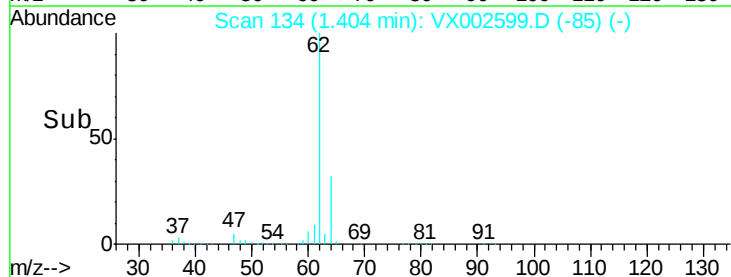
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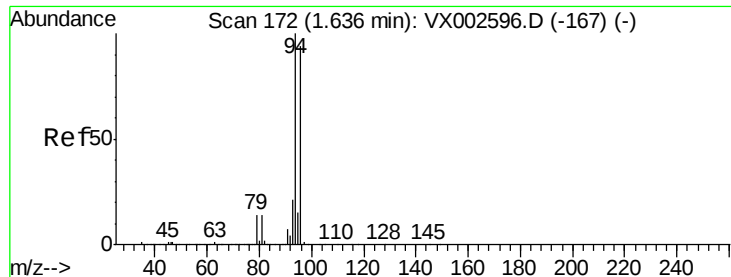
100000

50000

0

Time-->





#5

Bromomethane

Concen: 52.29 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061518

Tot Ion: 94 Resp: 106120

Ion Ratio Lower Upper

94 100

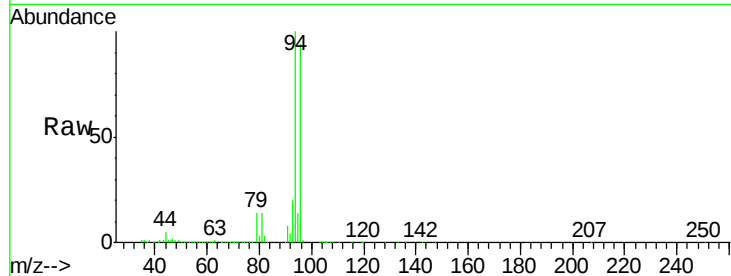
96 93.8 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

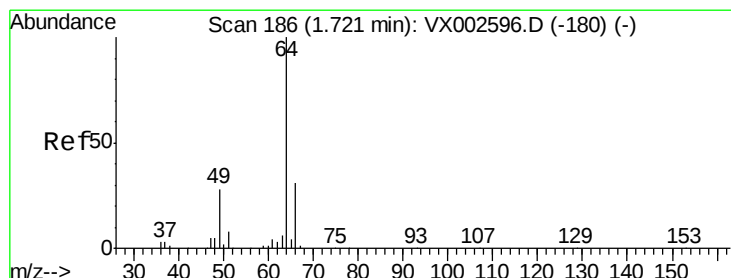
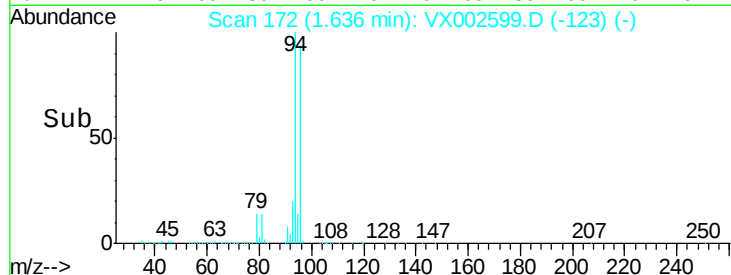
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 43.47 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002599.D

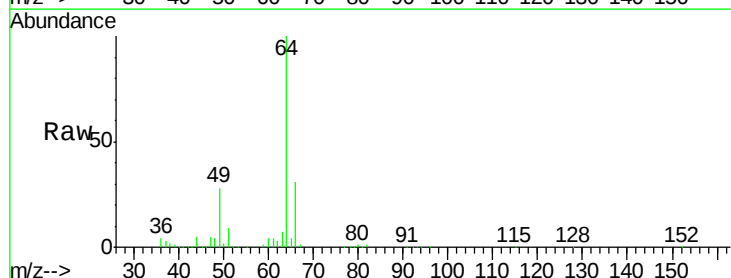
Acq: 15 Jun 2018 14:20

Tgt Ion: 64 Resp: 96381

Ion Ratio Lower Upper

64 100

66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

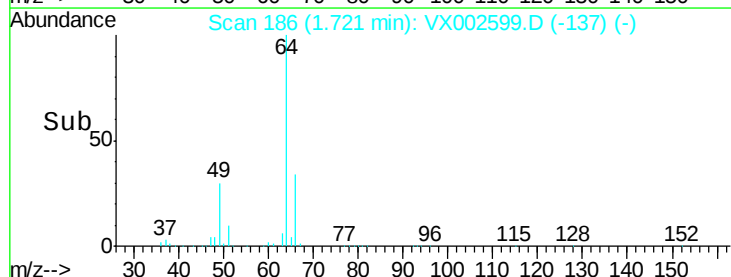
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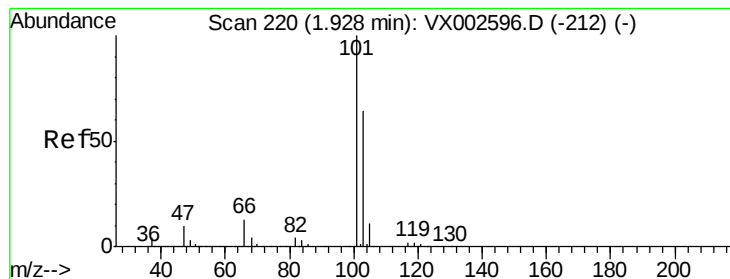
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20000

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Time-->





#7

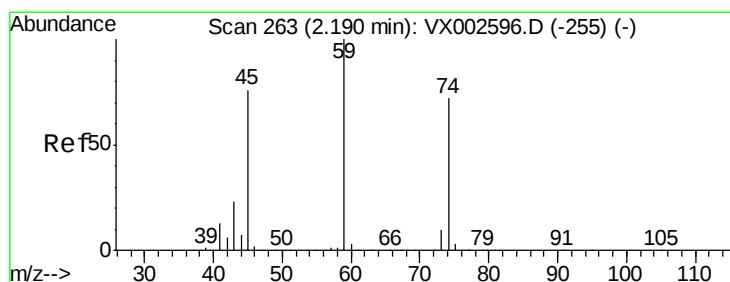
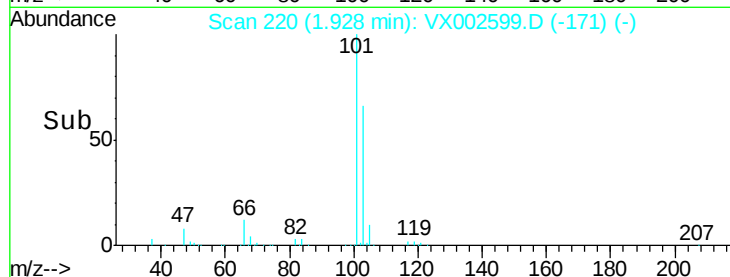
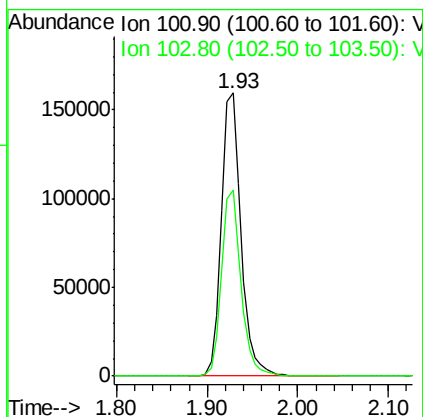
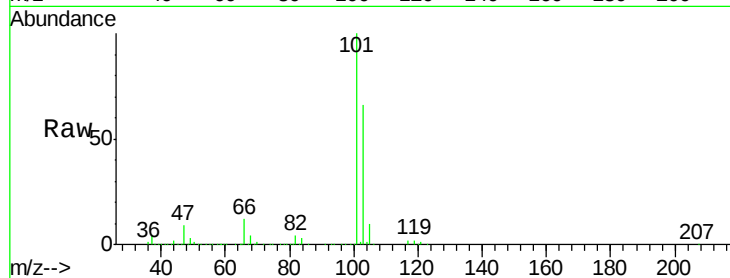
Trichlorofluoromethane
 Concen: 44.16 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Instrument :
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 ClientSampleId :
 ICVVX061518

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.8	79.2

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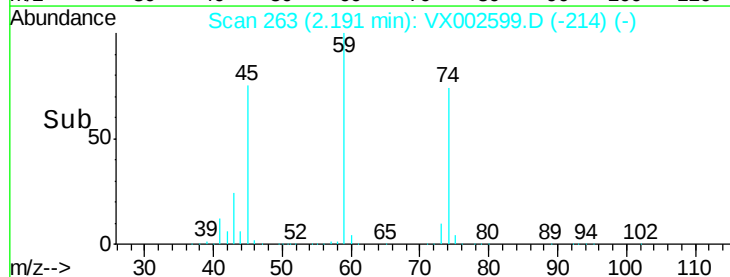
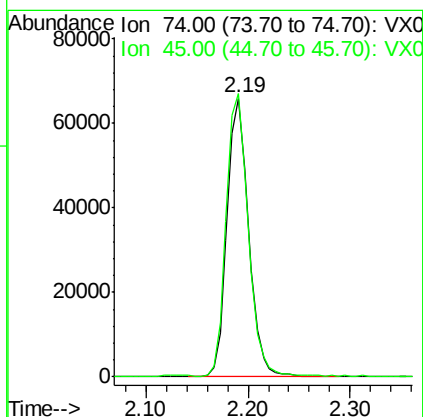
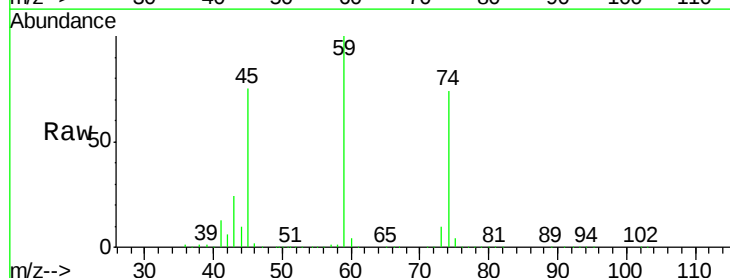
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 6/18/2018 5:12:00 PM

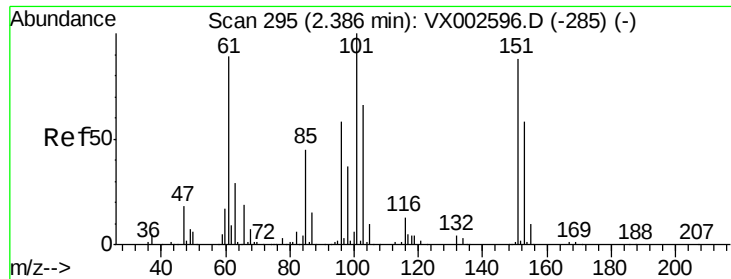


#8

Diethyl Ether
 Concen: 46.53 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.54 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

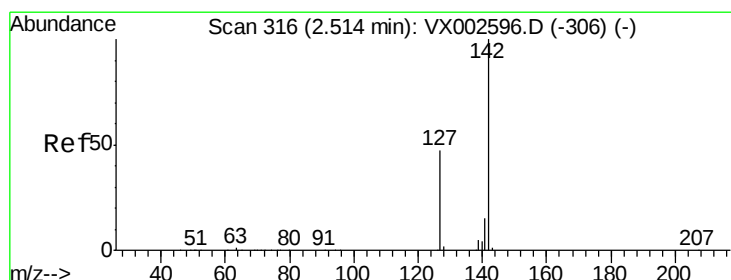
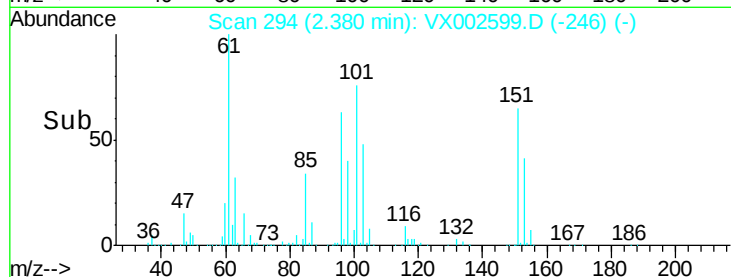
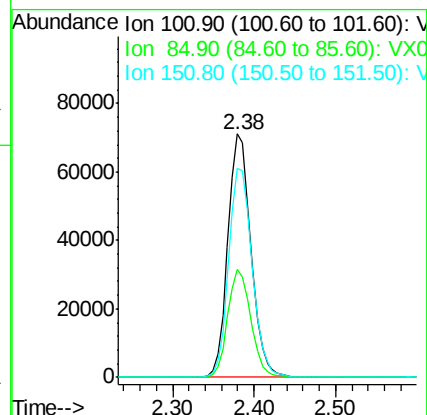
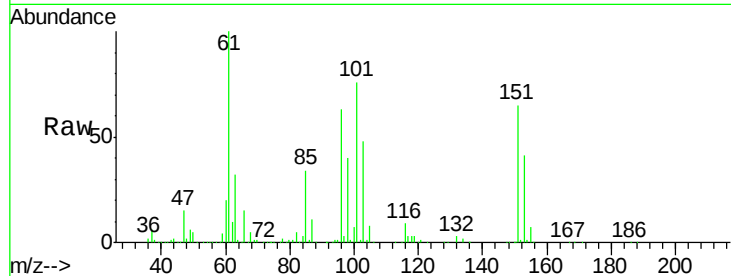
ClientSampleId :

ICVVX061518

Tot Ion:	101	Resp:	139115
Ion Ratio	Lower	Upper	
101	100		
85	44.5	36.0	54.0
151	87.8	70.9	106.3

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6/18/2018 5:12:00 PM



#10

Methyl Iodide

Concen: 41.25 ug/l

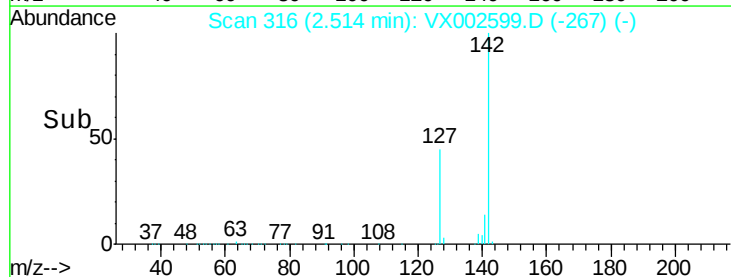
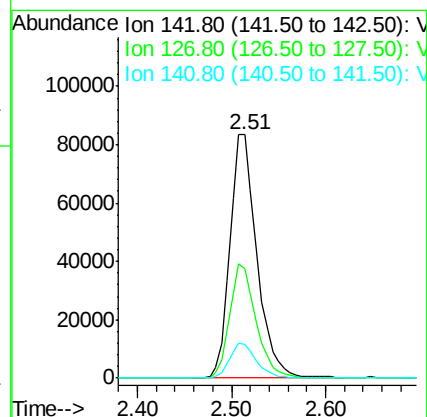
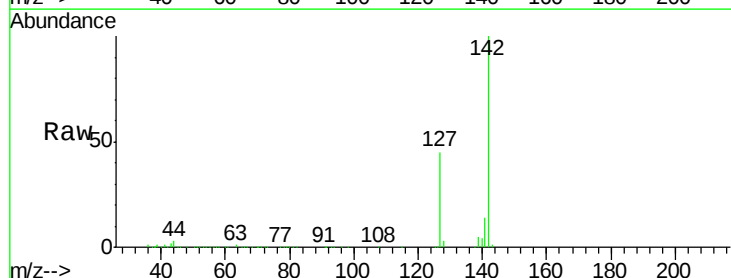
RT: 2.51 min Scan# 316

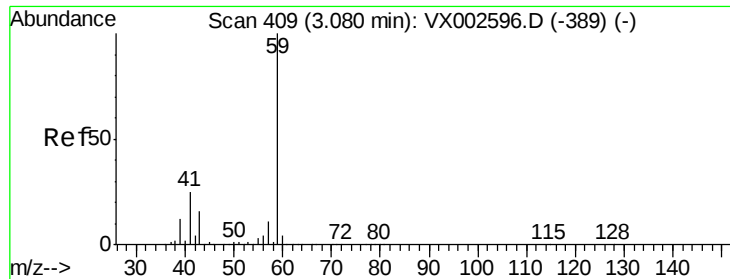
Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Tgt Ion:	142	Resp:	165878
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.6	55.0
141	14.4	11.3	16.9





#11

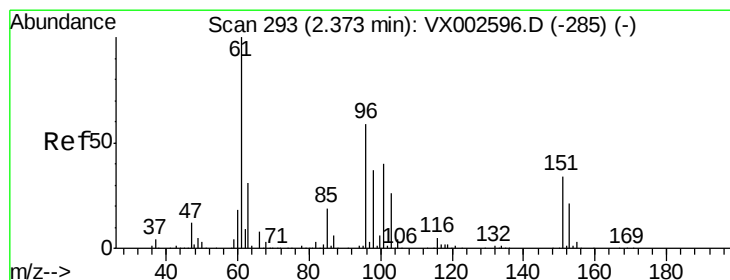
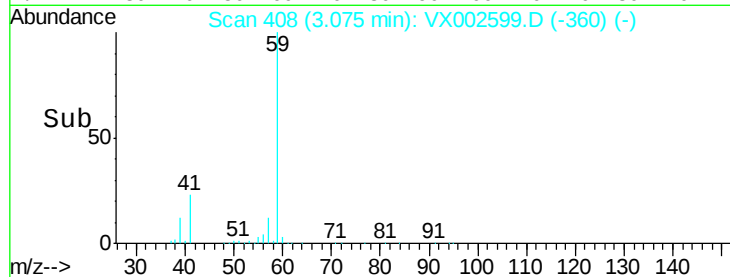
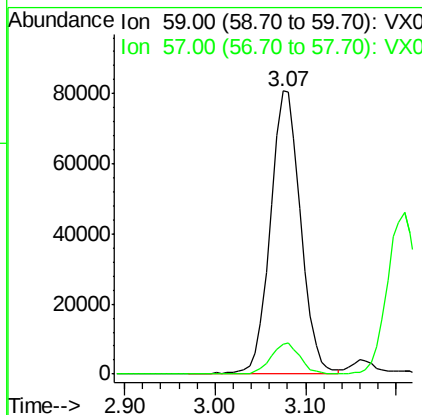
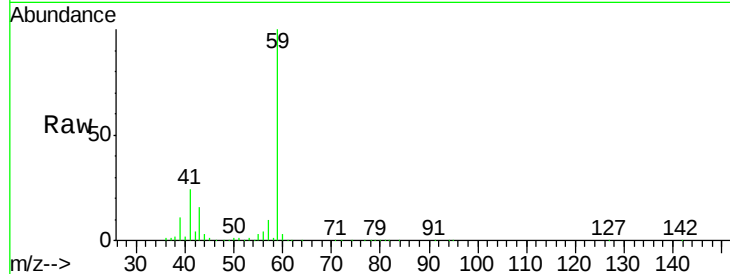
Tert butyl alcohol
 Concen: 231.22 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX061518

Tot Ion	59	Resp	186446
Ion Ratio	100	Lower	Upper
57	10.8	8.2	12.2

Manual Integrations
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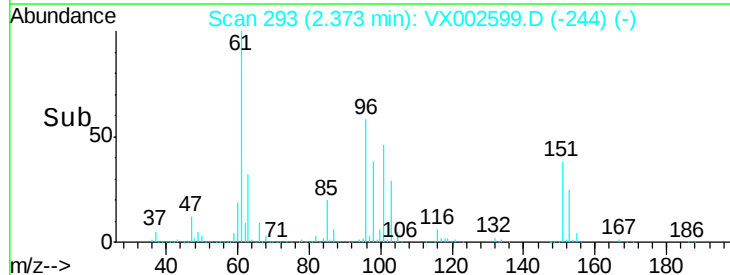
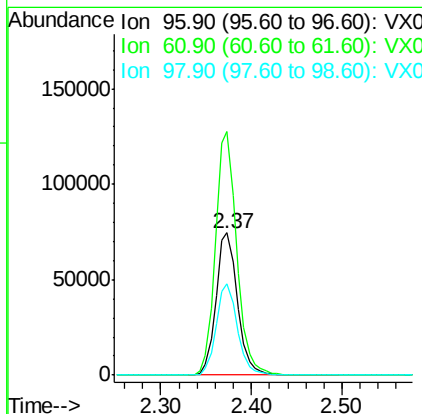
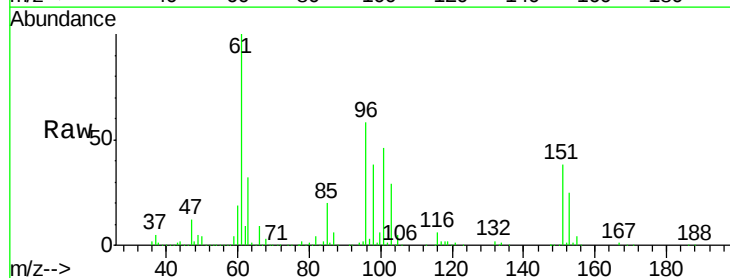
MMDadoda
 6/18/2018 5:12:00 PM

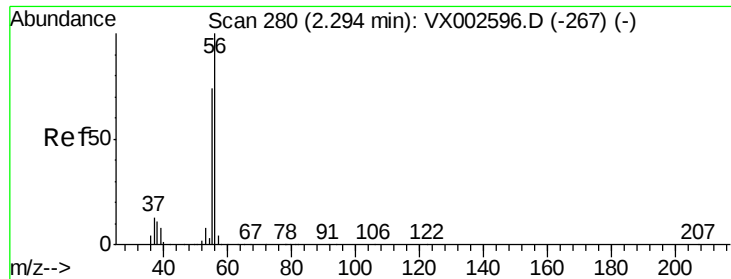


#12

1,1-Dichloroethene
 Concen: 43.21 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion	96	Resp	123917
Ion Ratio	100	Lower	Upper
61	171.5	137.9	206.9
98	64.6	51.6	77.4





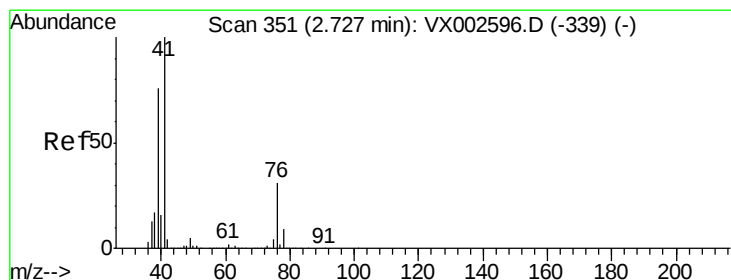
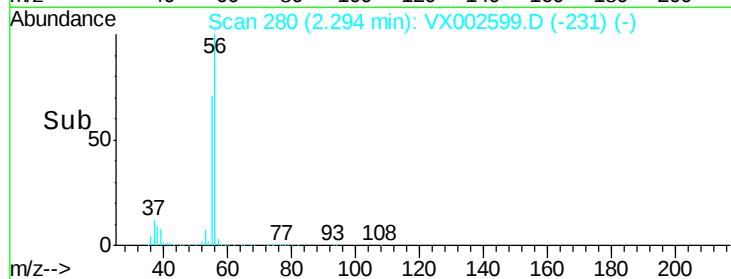
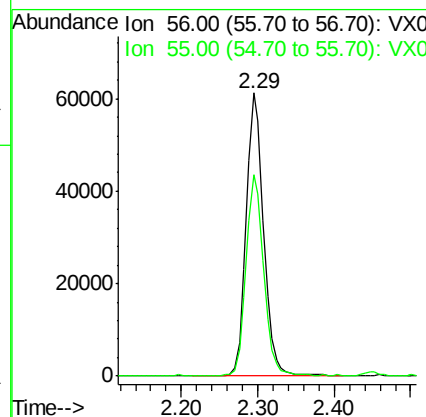
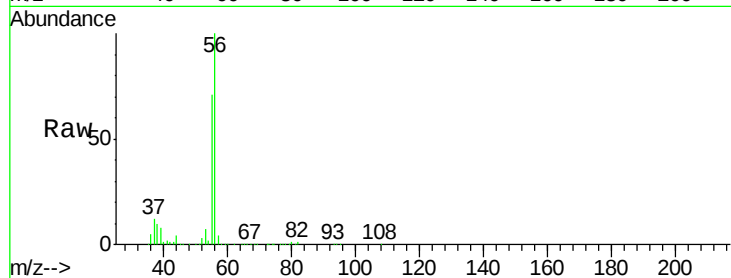
#13
Acrolein
Concen: 256.61 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	56	Resp	97074
Ion Ratio	100	Lower	Upper
55	72.0	57.0	85.4

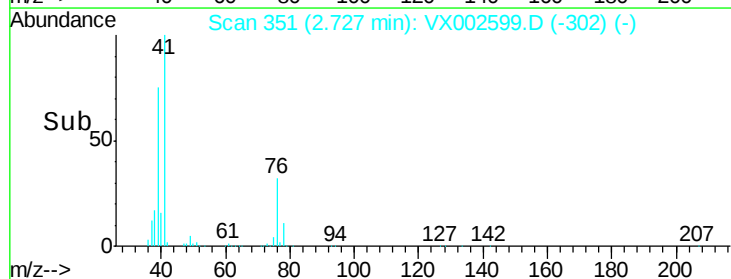
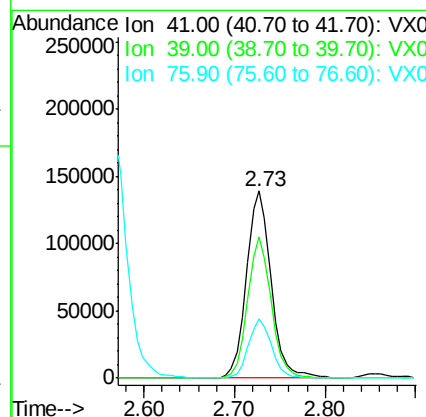
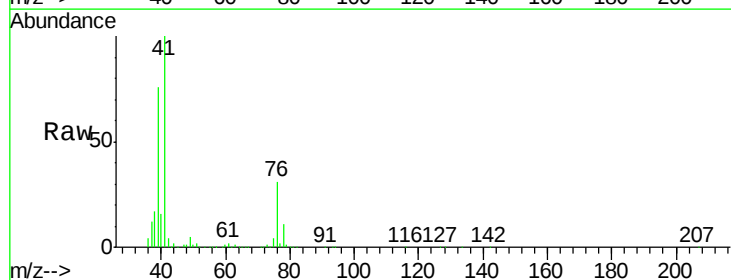
Manual Integrations
APPROVED

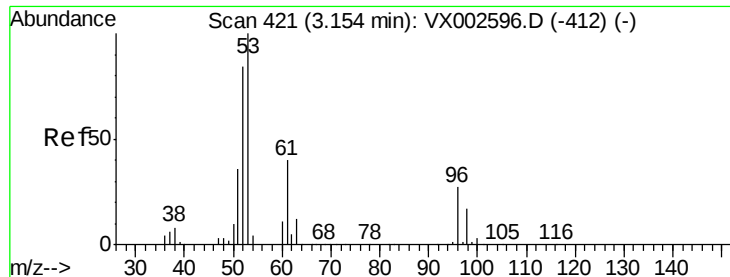
MMDadoda
6/18/2018 5:12:00 PM



#14
Allyl chloride
Concen: 45.76 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	41	Resp	260616
Ion Ratio	100	Lower	Upper
39	72.1	56.8	85.2
76	29.8	23.8	35.8





#15

Acrylonitrile

Concen: 235.22 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

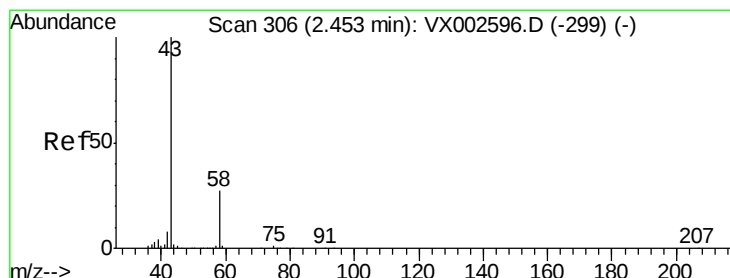
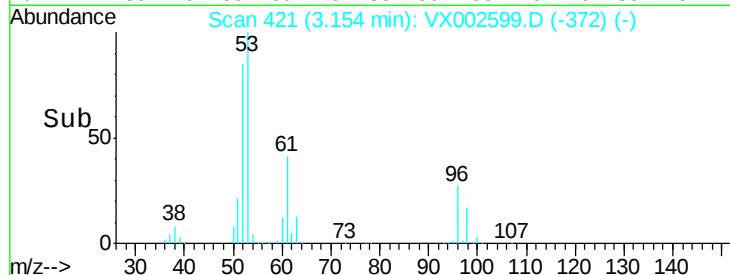
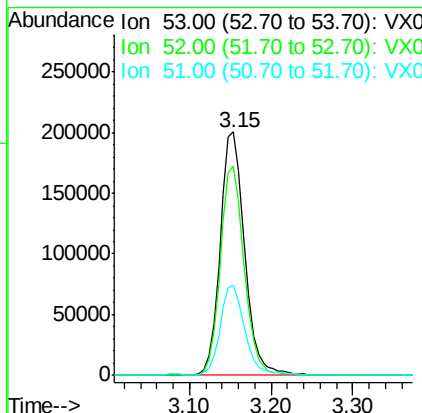
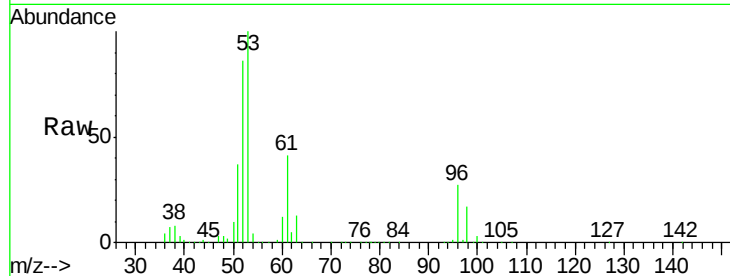
ClientSampleId :

ICVVX061518

Tot Ion:	53	Resp:	413898
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.7	100.1
51	37.4	29.9	44.9

Manual Integrations
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MMDadoda
6/18/2018 5:12:00 PM



#16

Acetone

Concen: 237.72 ug/l

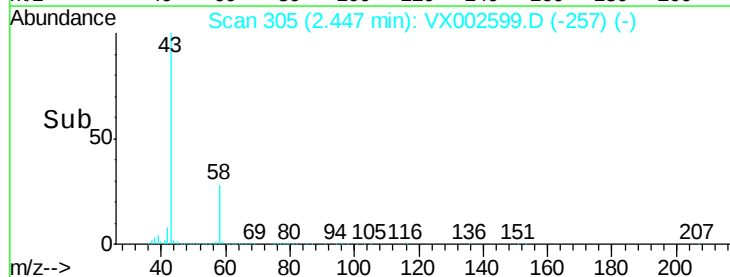
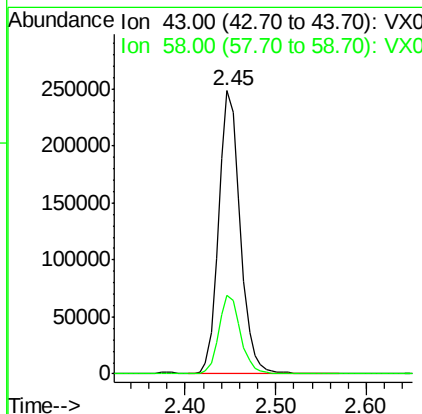
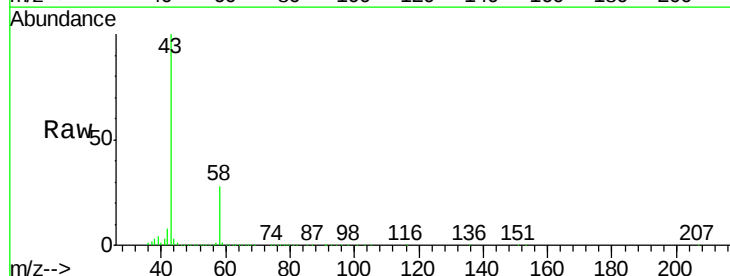
RT: 2.45 min Scan# 305

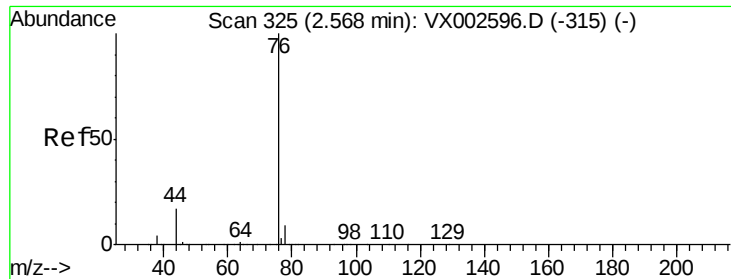
Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Tgt Ion:	43	Resp:	409098
Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.1	33.1





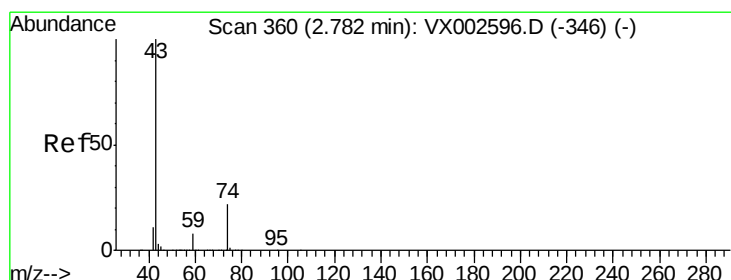
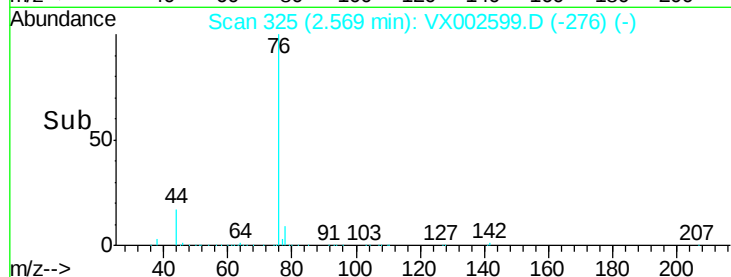
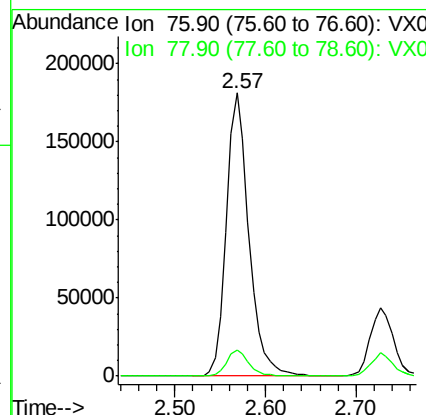
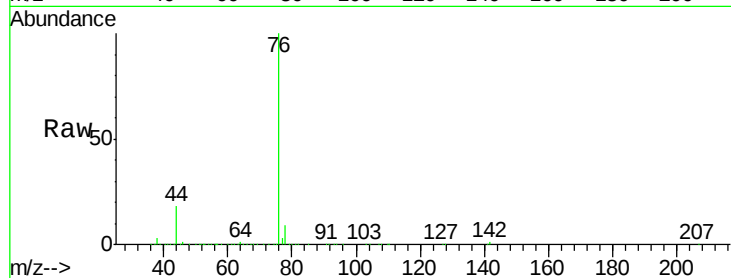
#17
Carbon Disulfide
Concen: 46.15 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Resp	Lower	Upper
76	100	313933		
78	9.1		6.9	10.3

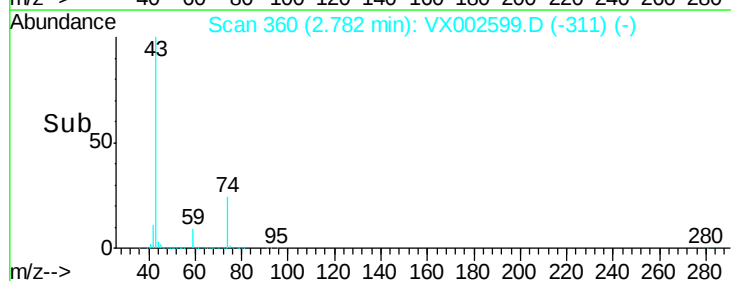
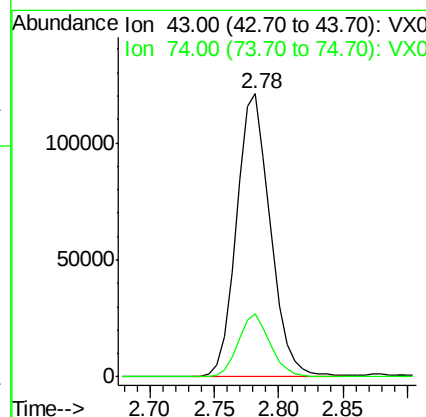
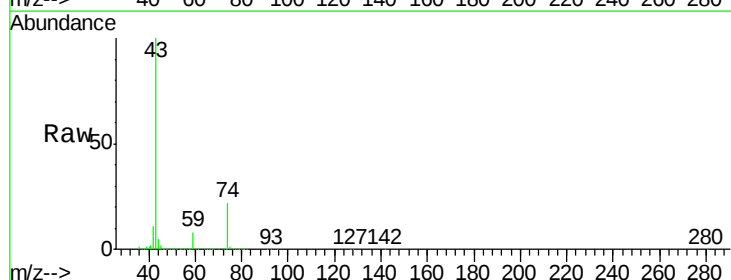
Manual Integrations
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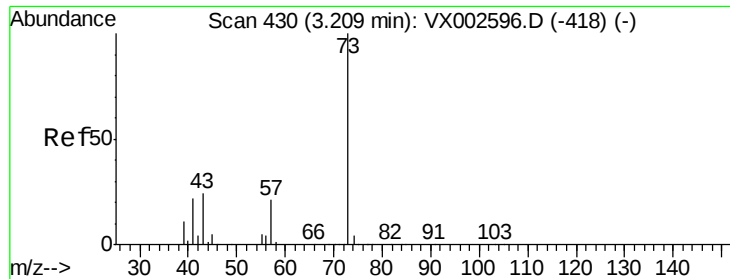
MMDadoda
6/18/2018 5:12:00 PM



#18
Methyl Acetate
Concen: 47.71 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	218755		
74	20.8		16.7	25.1





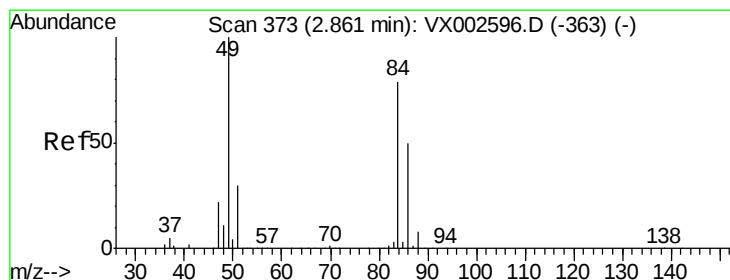
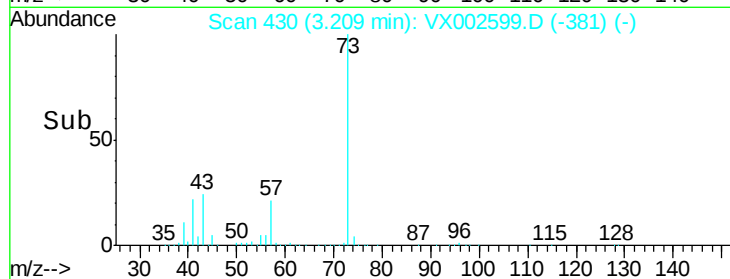
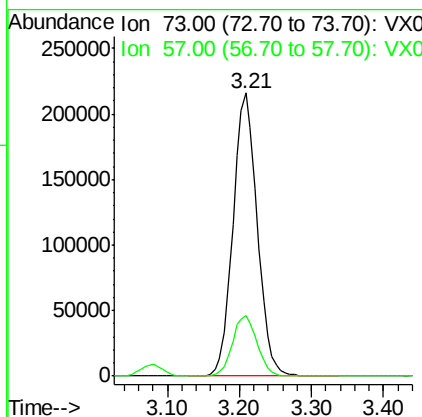
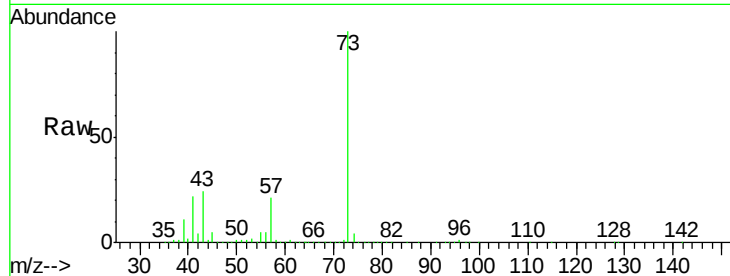
#19
Methvl tert-butvl Ether
Concen: 46.78 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.7	26.5

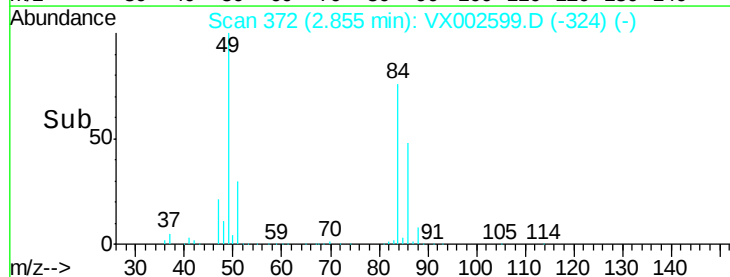
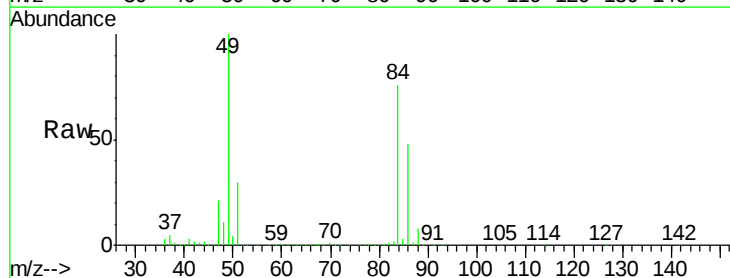
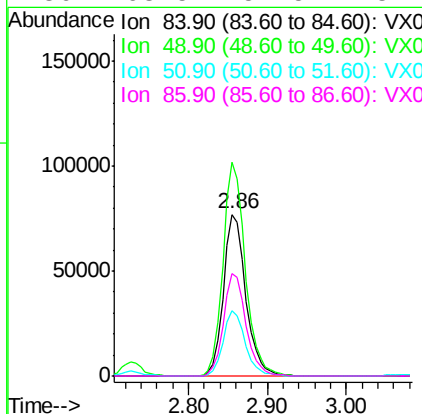
Manual Integrations
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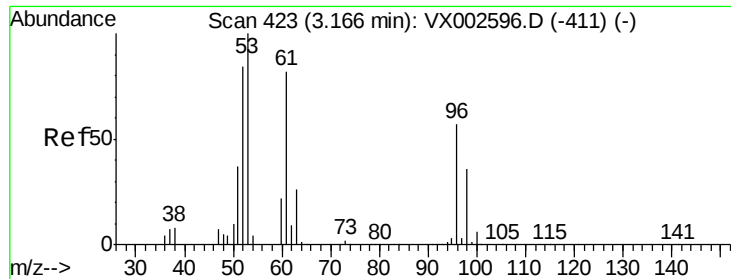
MMDadoda
6/18/2018 5:12:00 PM



#20
Methylene Chloride
Concen: 42.92 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.4	107.8	161.6
51	40.1	32.8	49.2
86	63.5	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 44.48 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

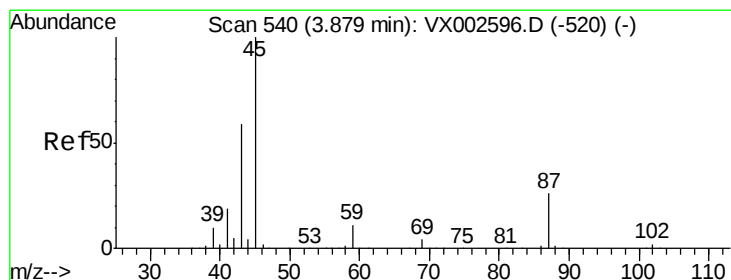
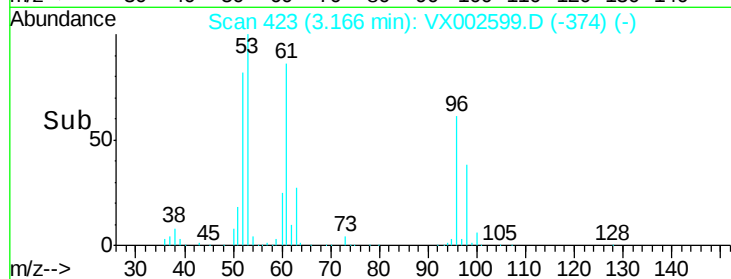
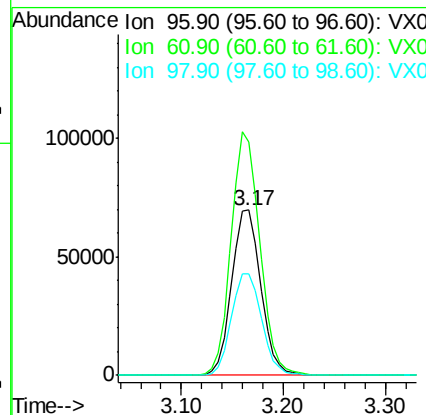
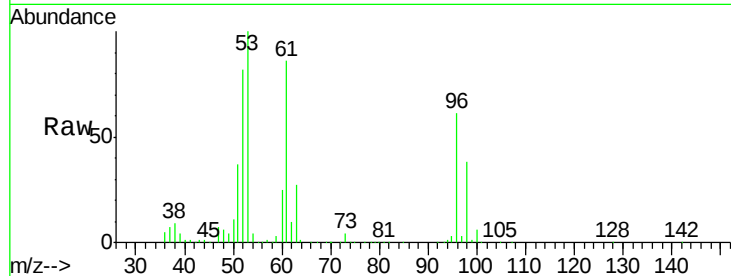
ClientSampleId :

ICVVX061518

Tot Ion:	96	Resp:	138383
Ion	Ratio	Lower	Upper
96	100		
61	141.5	117.0	175.4
98	61.8	52.4	78.6

Manual Integrations
APPROVED

MMDadoda
6/18/2018 5:12:00 PM



#22

Diisopropyl ether

Concen: 45.91 ug/l

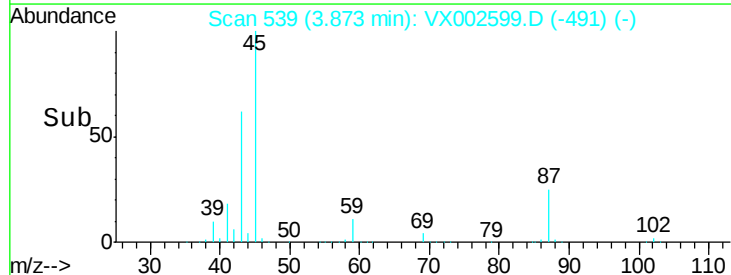
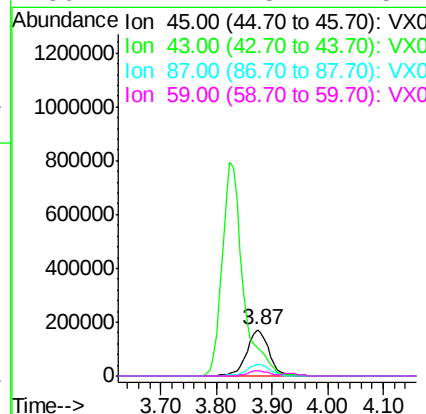
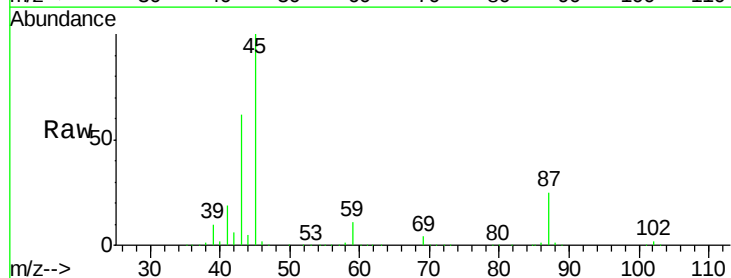
RT: 3.87 min Scan# 539

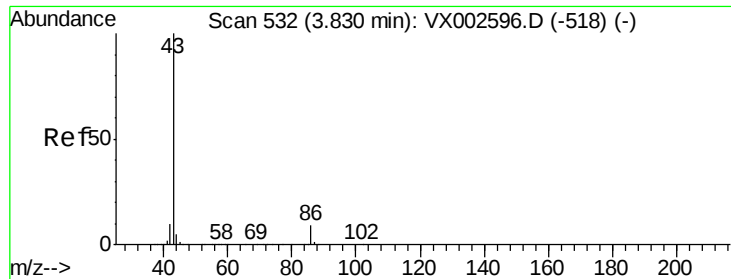
Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Tgt Ion:	45	Resp:	473030
Ion	Ratio	Lower	Upper
45	100		
43	61.9	46.8	70.2
87	25.3	20.2	30.4
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 239.34 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061518

Tot Ion: 43 Resp: 2063890

Ion Ratio Lower Upper

43 100

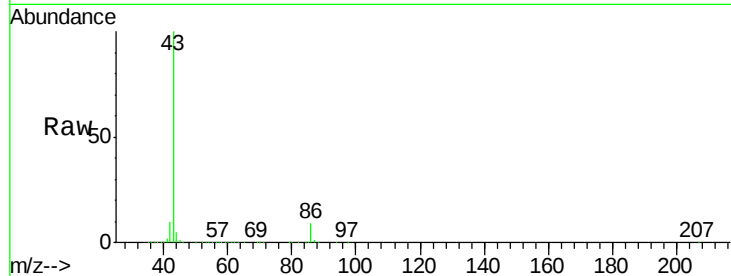
86 9.5 7.4 11.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

600000

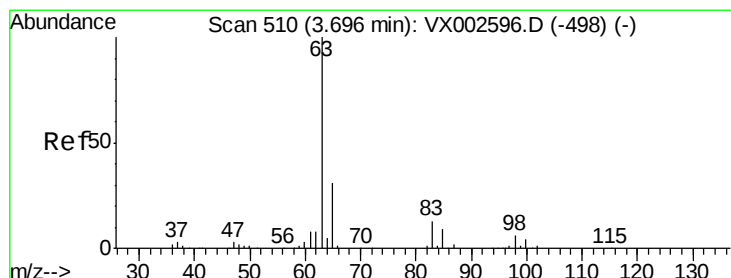
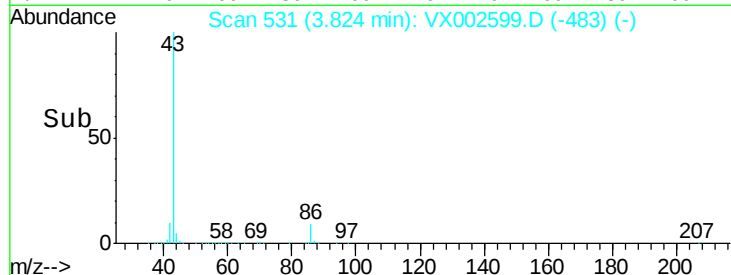
400000

200000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 47.80 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

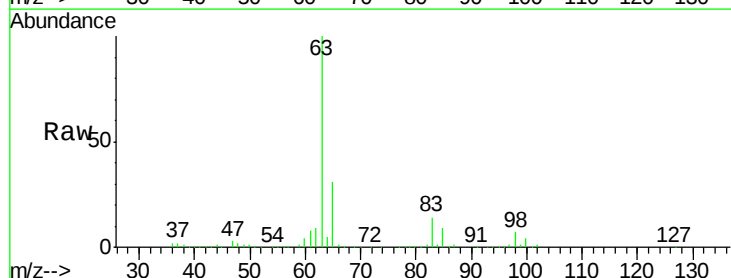
Tgt Ion: 63 Resp: 267322

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

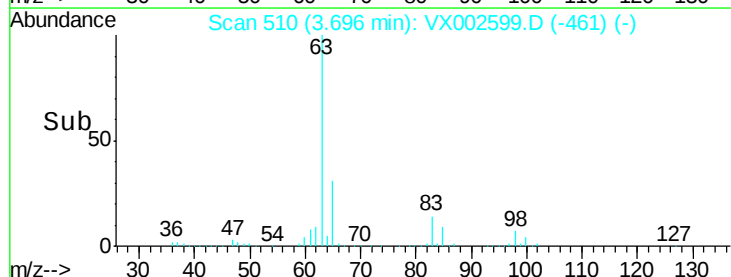
100000

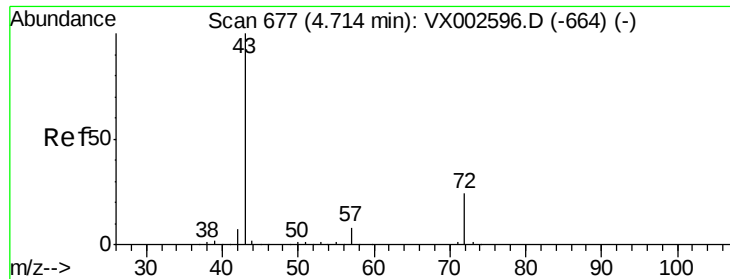
50000

0

3.50 3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 247.76 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061518

Tot Ion: 43 Resp: 559937

Ion Ratio Lower Upper

43 100

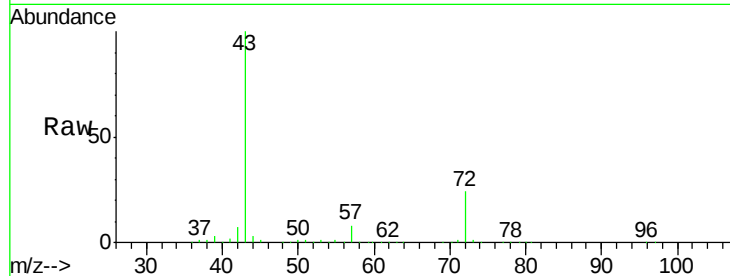
72 23.9 18.5 27.7

Manual Integrations

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6/18/2018 5:12:00 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

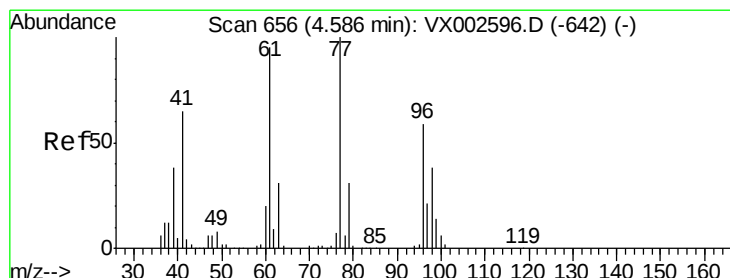
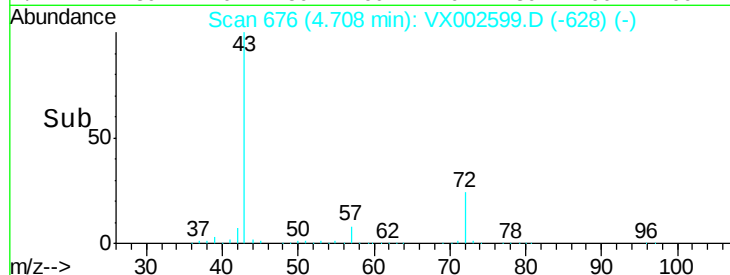
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.89 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX002599.D

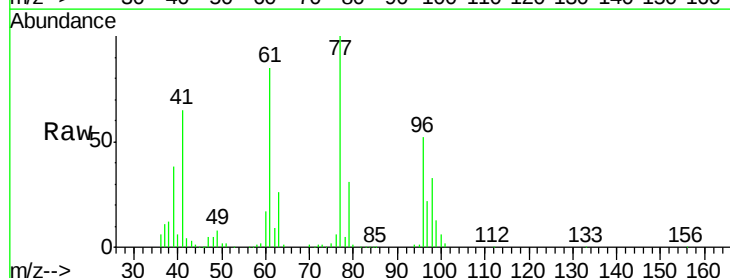
Acq: 15 Jun 2018 14:20

Tgt Ion: 77 Resp: 192438

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

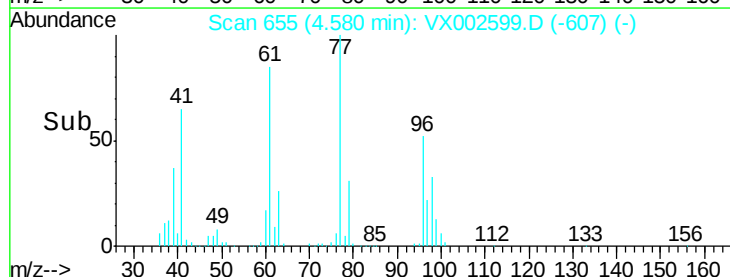
40000

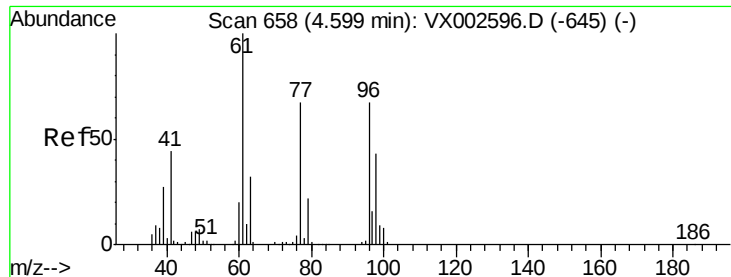
20000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

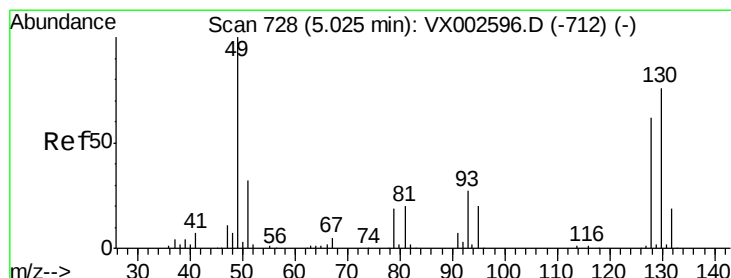
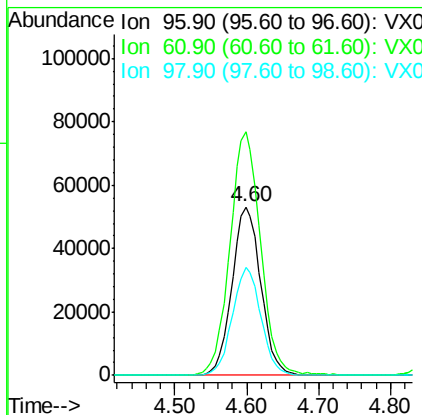
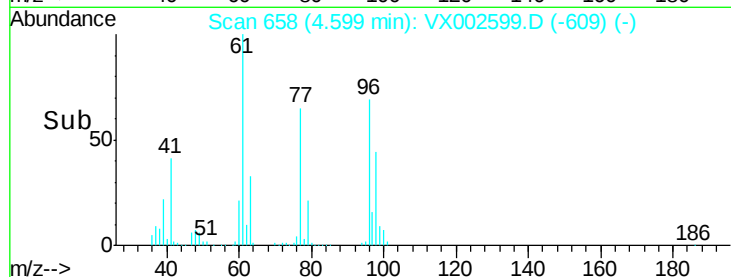
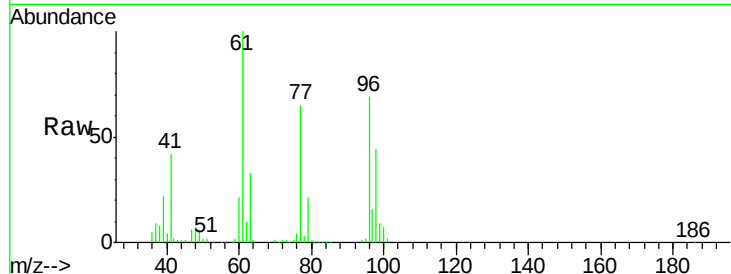
cis-1,2-Dichloroethene
Concen: 46.66 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	330.2
98	63.6	0.0	130.2

Manual Integrations
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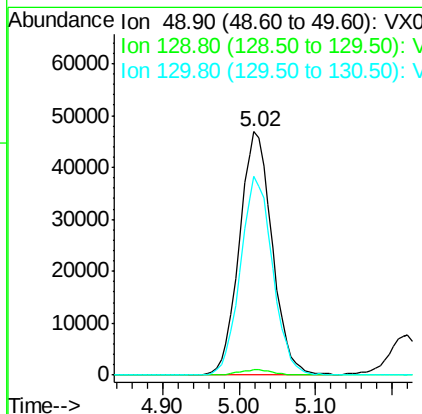
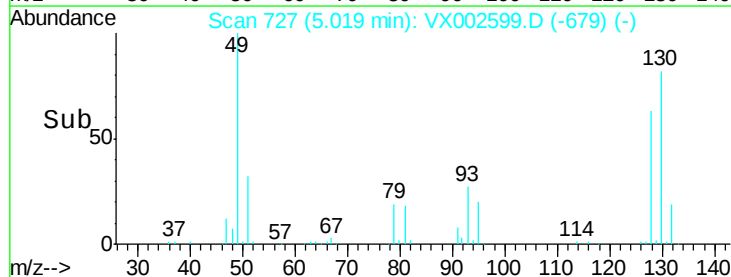
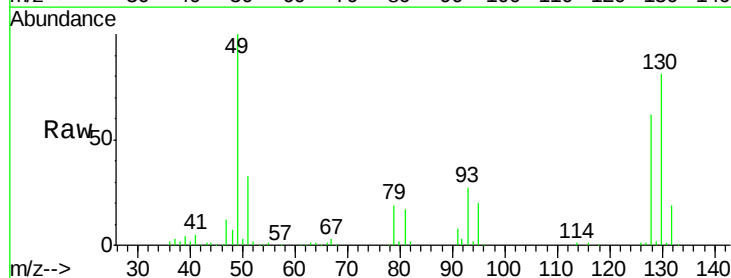
MMDadoda
6/18/2018 5:12:00 PM

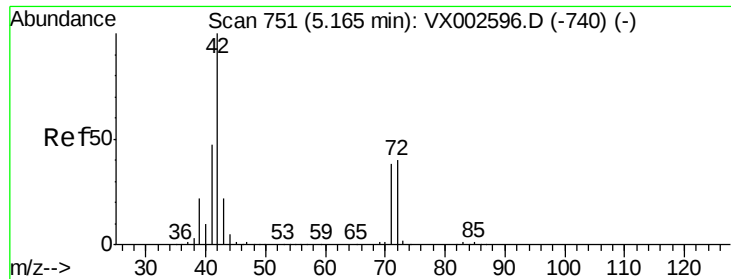


#28

Bromochloromethane
Concen: 53.36 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	79.9	61.2	91.8





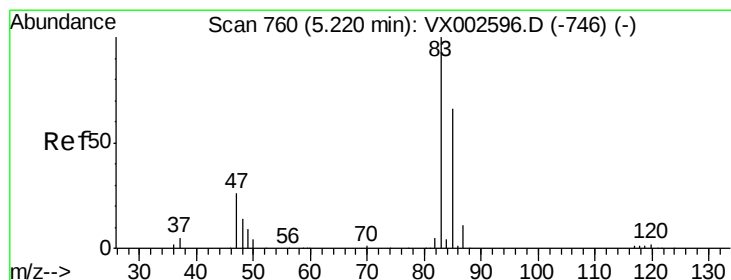
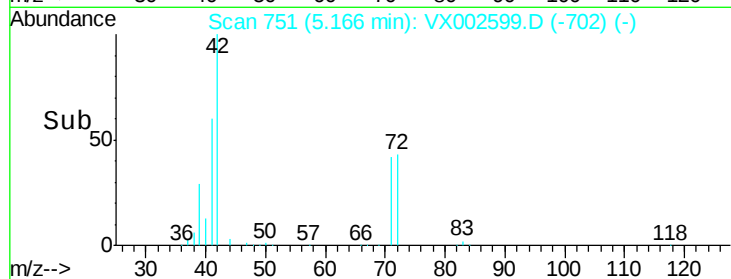
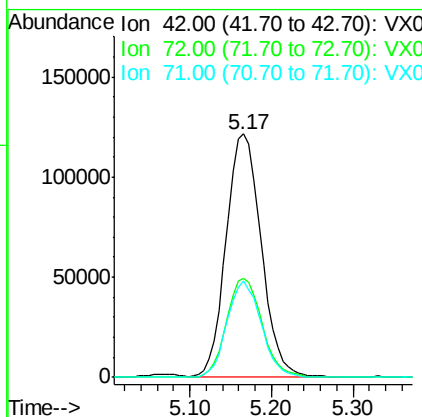
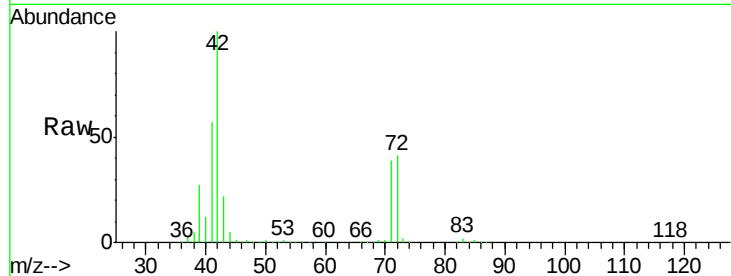
#29
Tetrahydrofuran
Concen: 243.55 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.0	48.0
71	38.9	30.1	45.1

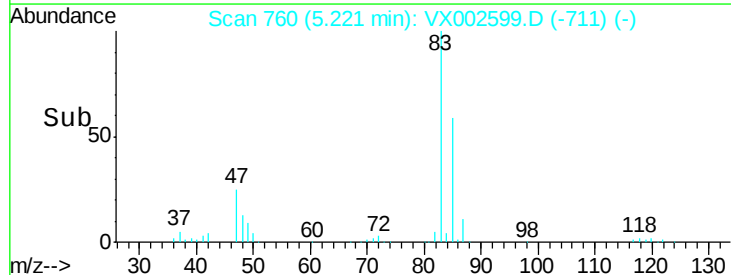
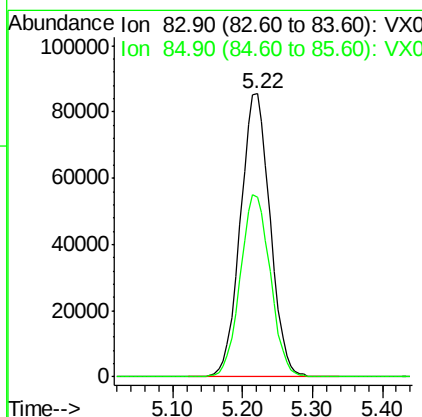
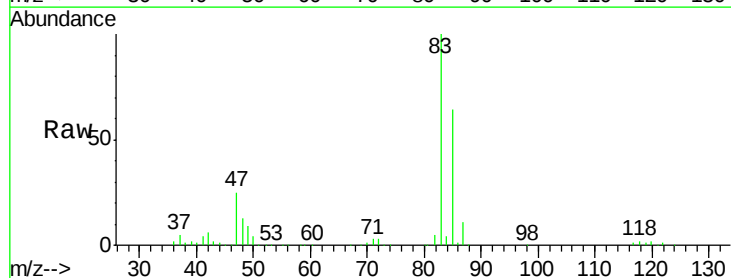
Manual Integrations
APPROVED

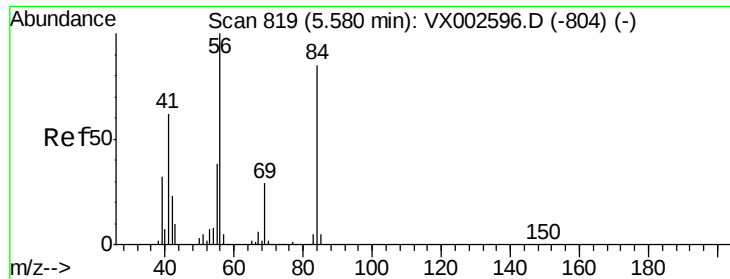
MMDadoda
6/18/2018 5:12:00 PM



#30
Chloroform
Concen: 46.72 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.4	75.6





#31

Cyclohexane

Concen: 45.05 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

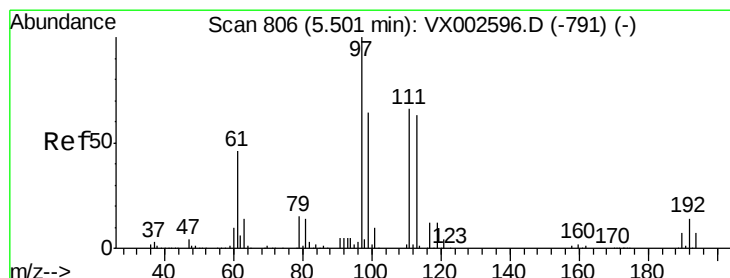
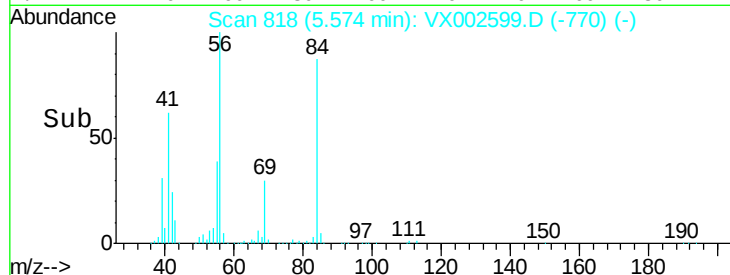
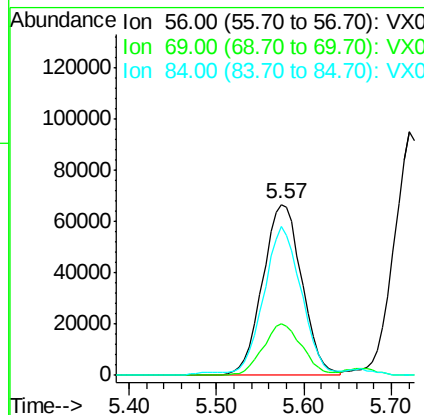
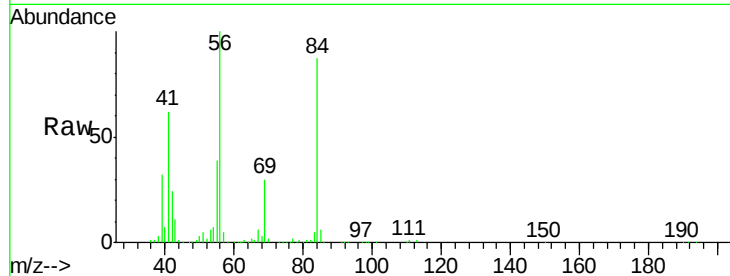
ClientSampleId :

ICVVX061518

Tot Ion:	56	Resp:	207413
Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.7	35.5
84	86.4	64.1	96.1

Manual Integrations
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6/18/2018 5:12:00 PM



#32

1,1,1-Trichloroethane

Concen: 46.97 ug/l

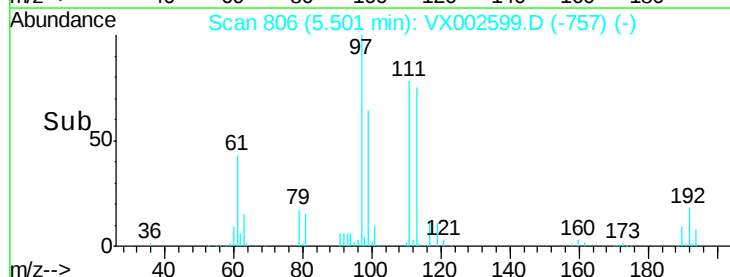
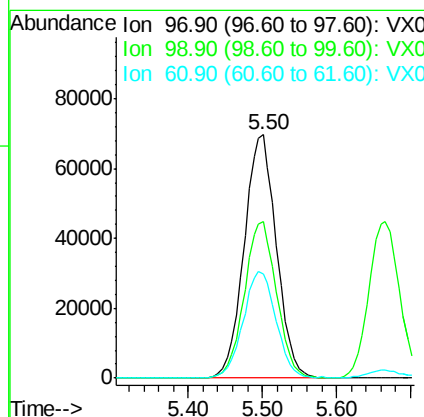
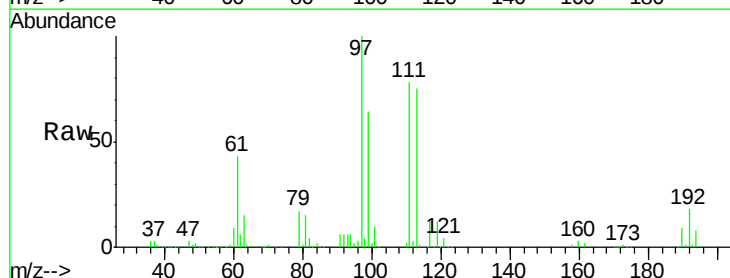
RT: 5.50 min Scan# 806

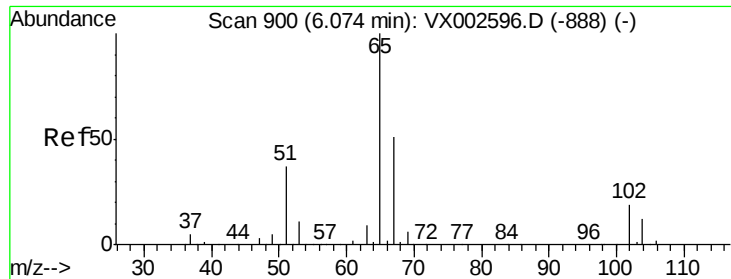
Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Tgt Ion:	97	Resp:	211835
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	44.8	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 49.79 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Tot Ion: 65 Resp: 194203

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.6

Instrument :

MSVOA_X

ClientSampleId :

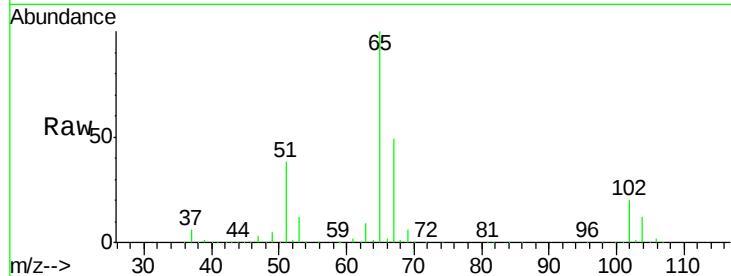
ICVVX061518

Manual Integrations

APPROVED

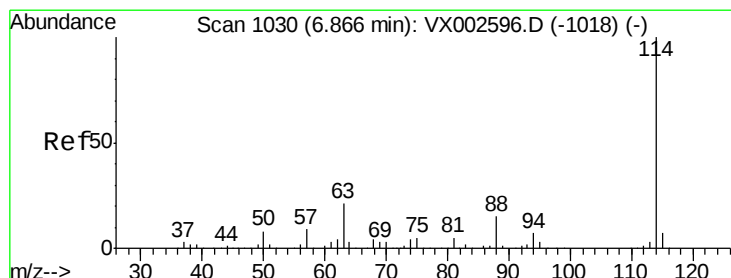
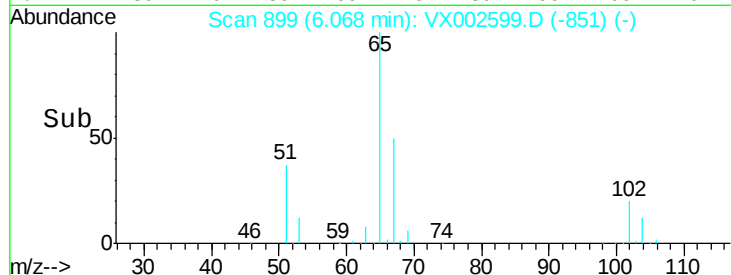
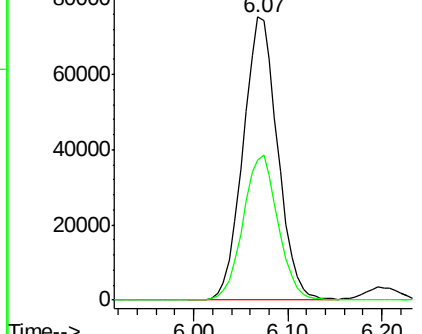
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

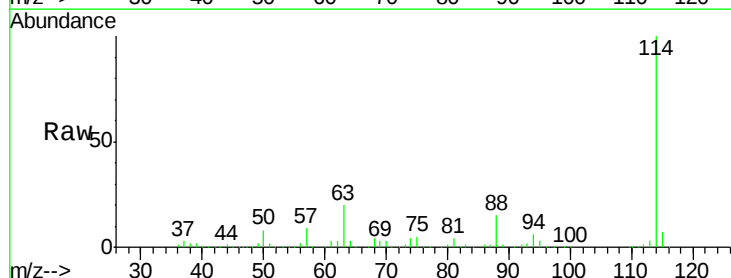
Tgt Ion: 114 Resp: 367758

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

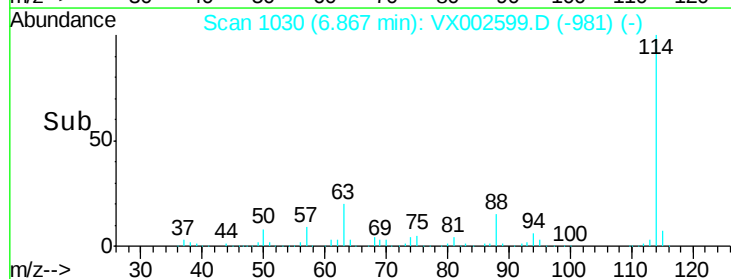
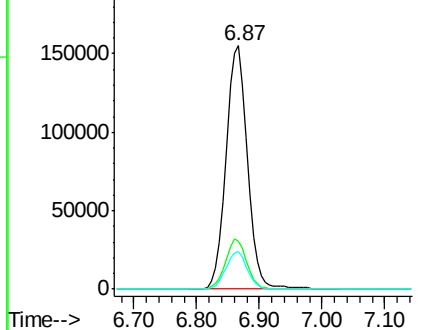
88 15.2 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





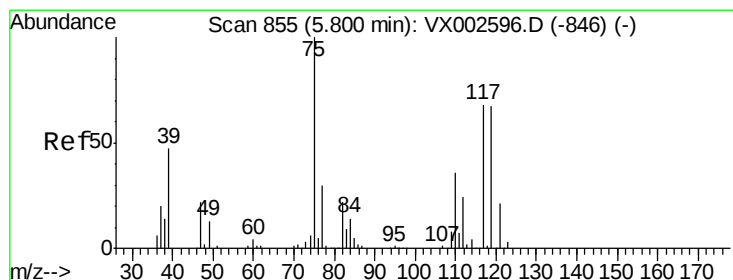
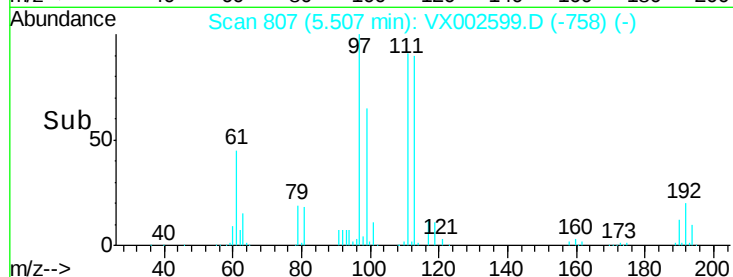
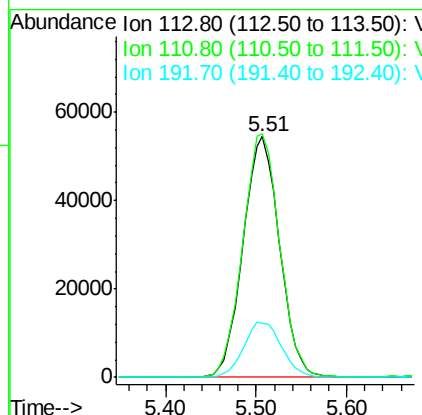
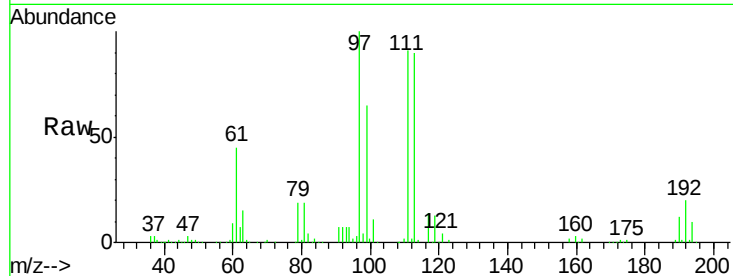
#35
Dibromofluoromethane
Concen: 51.88 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Resp	Lower	Upper
113	100	152266		
111	102.3	81.4	122.0	
192	23.8	19.1	28.7	

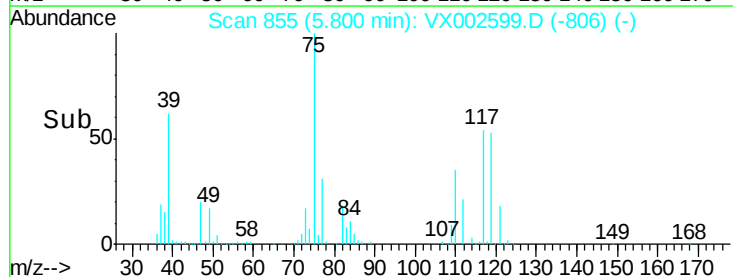
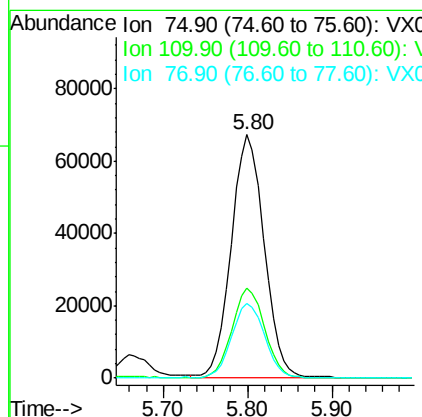
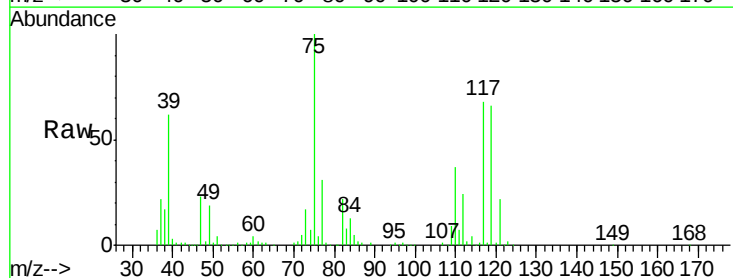
Manual Integrations
APPROVED

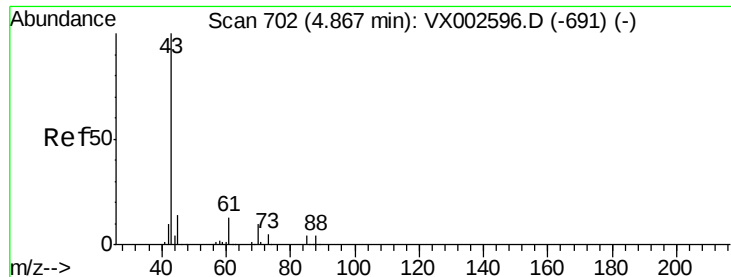
MMDadoda
6/18/2018 5:12:00 PM



#36
1,1-Dichloropropene
Concen: 45.56 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	177940		
110	37.0	18.1	54.4	
77	30.6	24.3	36.5	





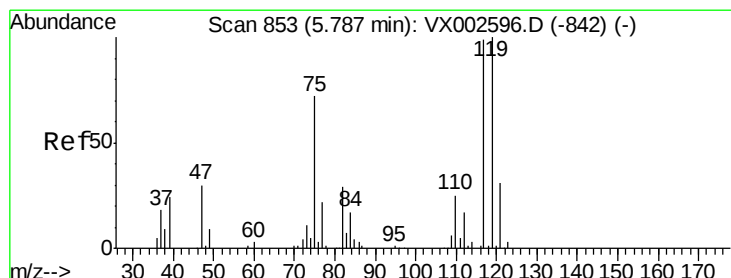
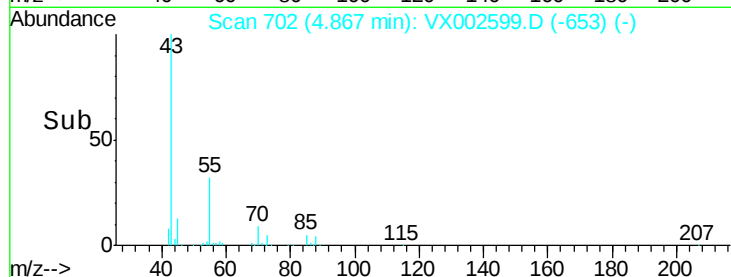
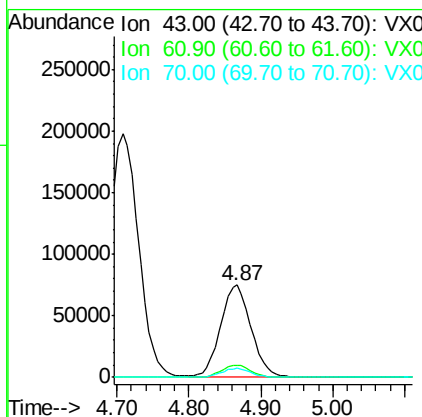
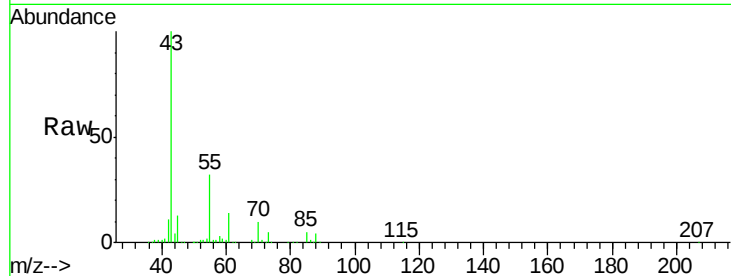
#37
Ethyl Acetate
Concen: 49.77 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVX061518

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	9.6	7.6	11.4

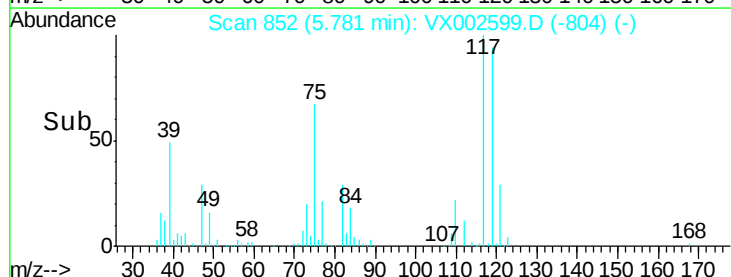
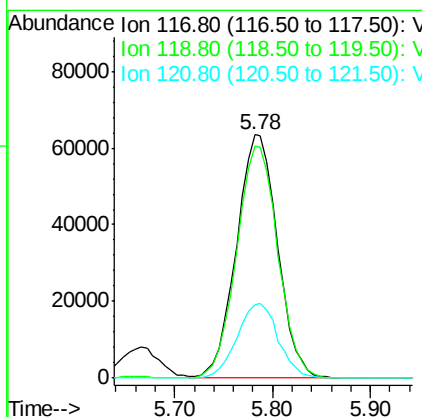
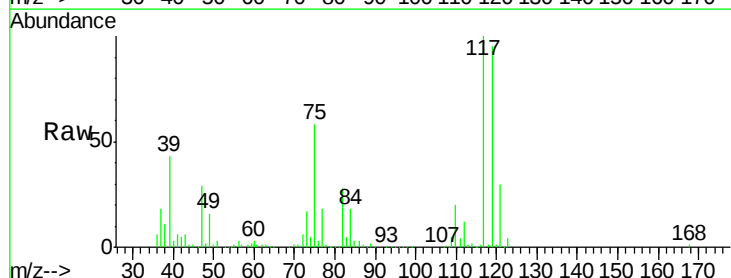
Manual Integrations
APPROVED

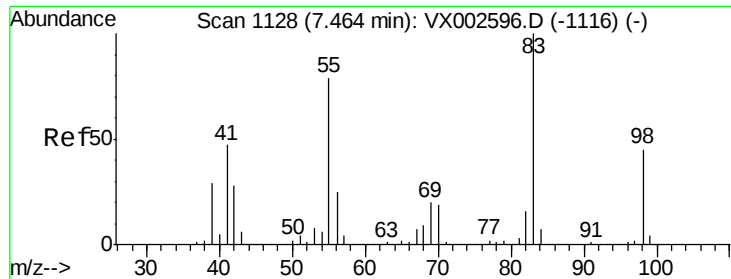
MMDadoda
6/18/2018 5:12:00 PM



#38
Carbon Tetrachloride
Concen: 47.38 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.4	116.0
121	29.9	24.4	36.6





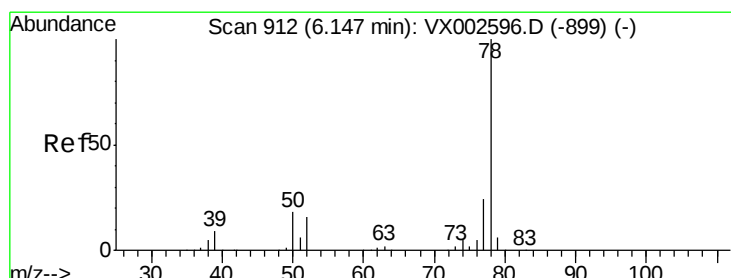
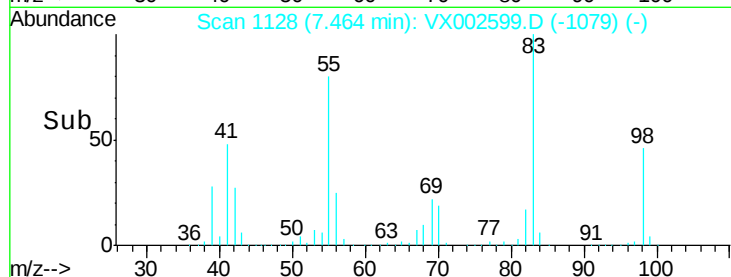
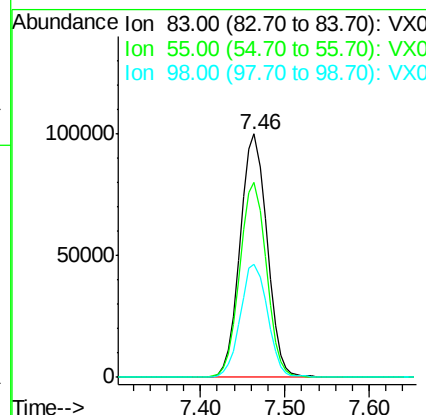
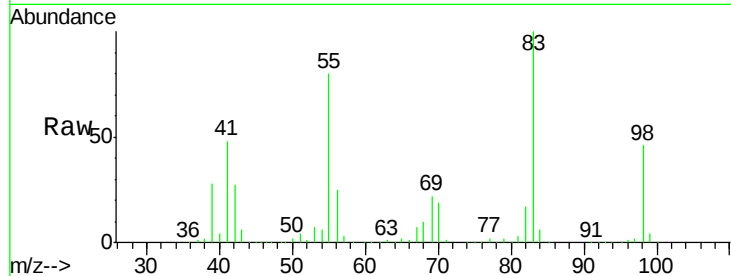
#39
Methvlcvclohexane
Concen: 47.22 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Resp	Lower	Upper
83	100	215587		
55	80.1	65.4	98.0	
98	46.3	37.4	56.0	

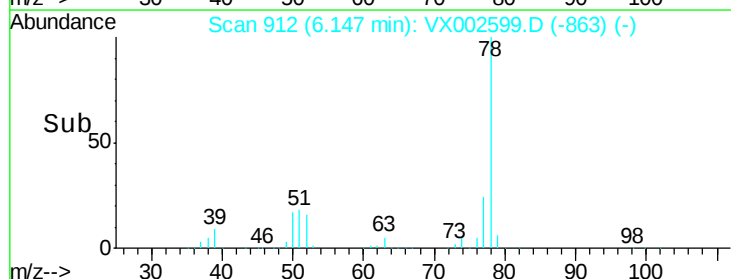
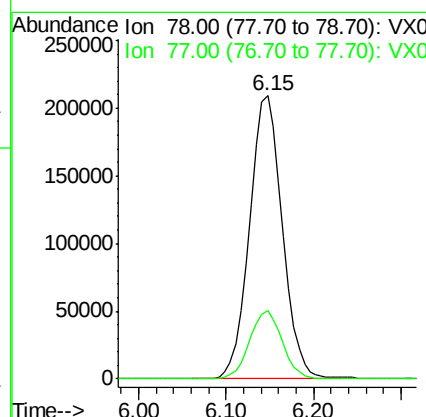
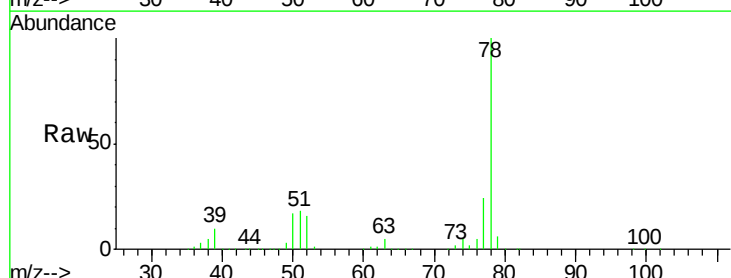
Manual Integrations
APPROVED

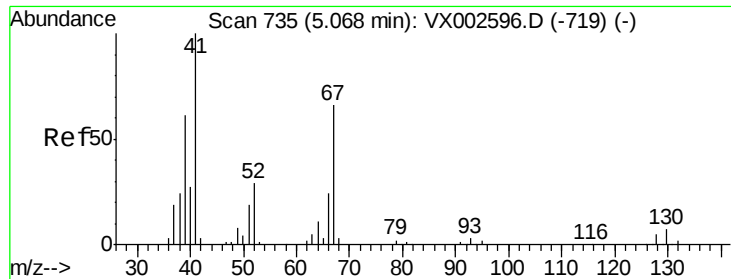
MMDadoda
6/18/2018 5:12:00 PM



#40
Benzene
Concen: 46.44 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	543905		
77	24.0	19.1	28.7	





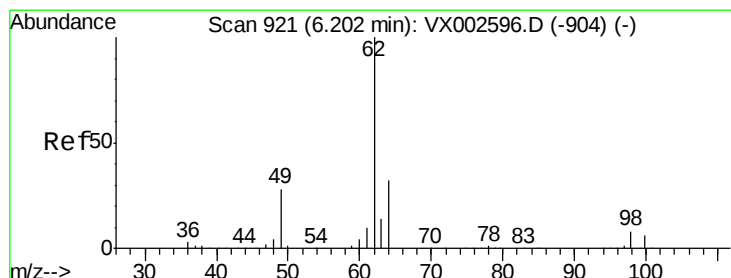
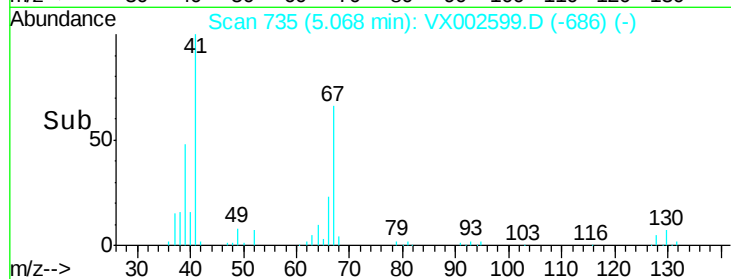
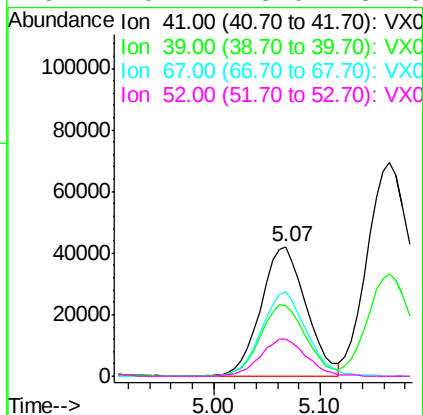
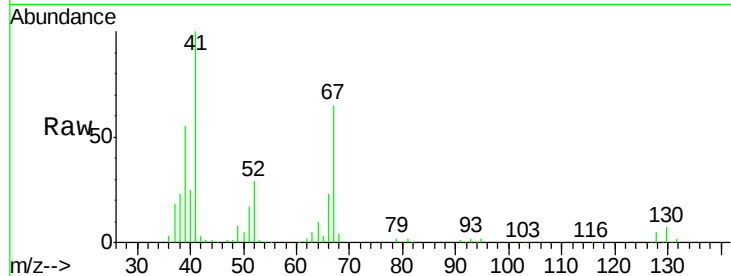
#41
Methacrylonitrile
Concen: 49.64 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	45.8	68.6	
67	65.2	51.3	76.9	
52	29.2	23.0	34.6	

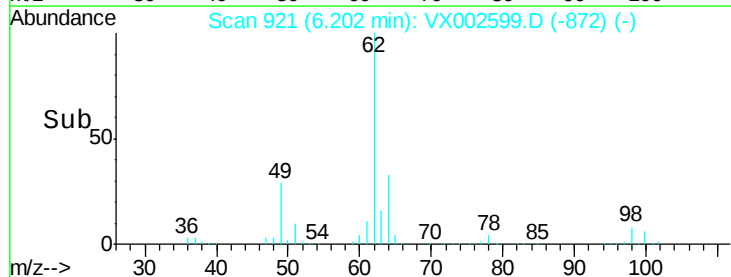
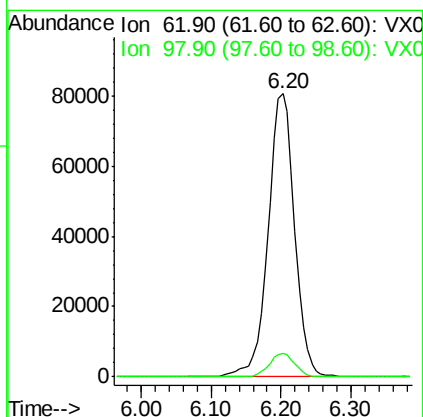
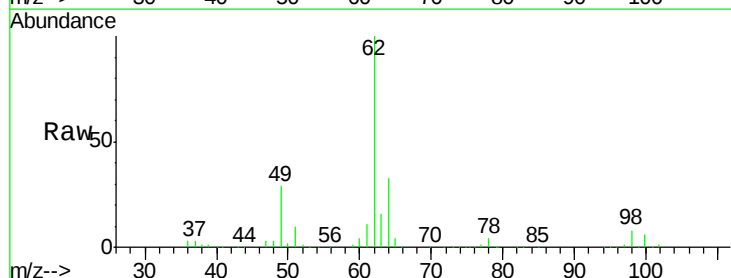
Manual Integrations
APPROVED

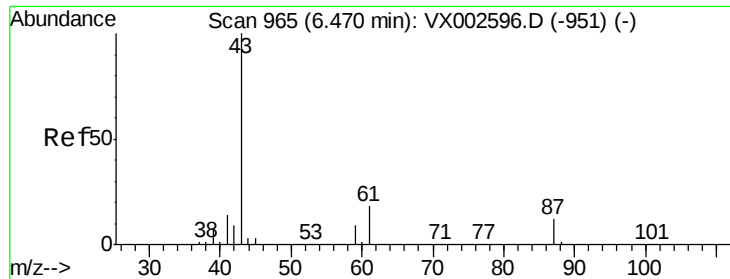
MMDadoda
6/18/2018 5:12:00 PM



#42
1,2-Dichloroethane
Concen: 46.95 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.6	





#43

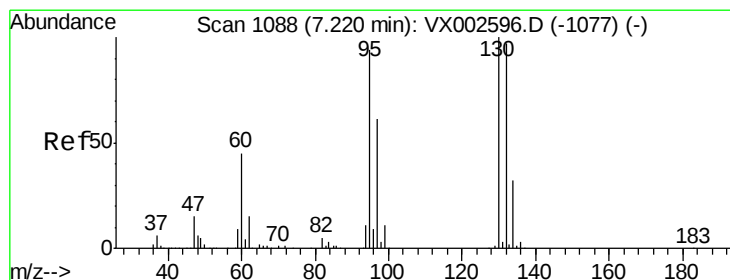
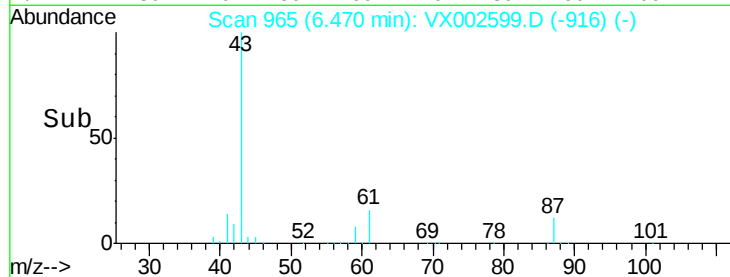
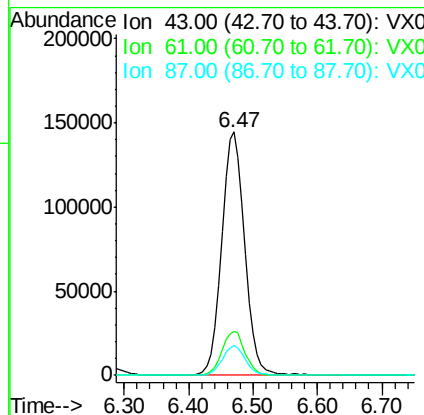
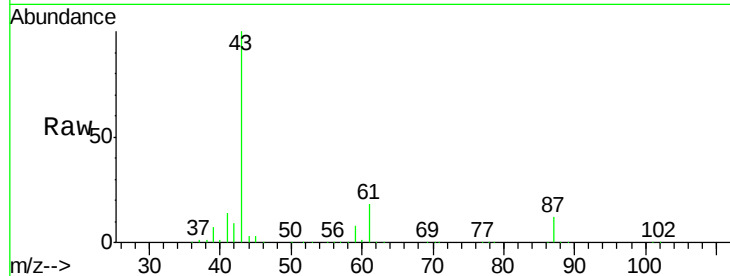
Isopropyl Acetate
 Concen: 49.61 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061518

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.2	9.5	14.3

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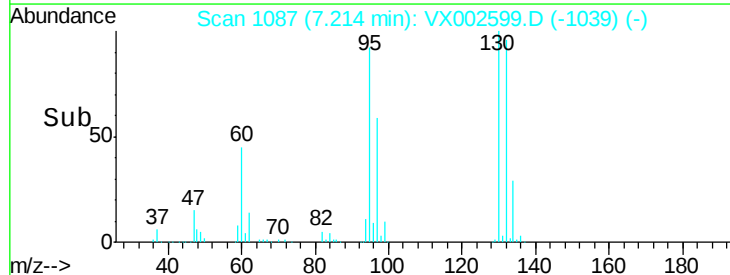
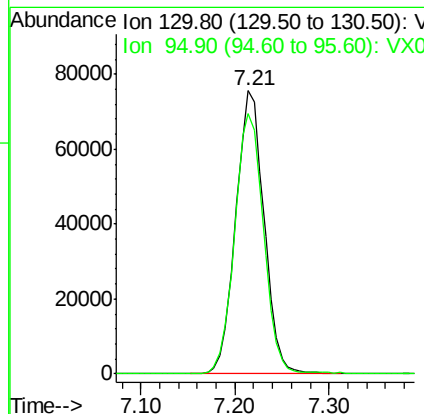
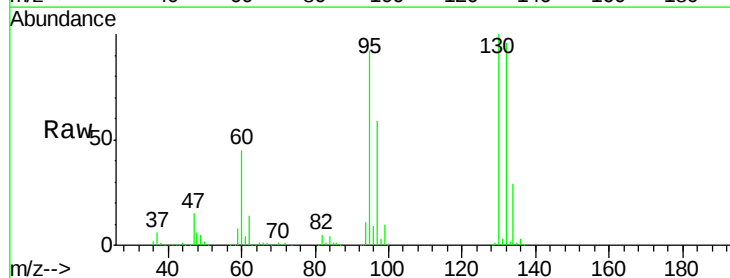
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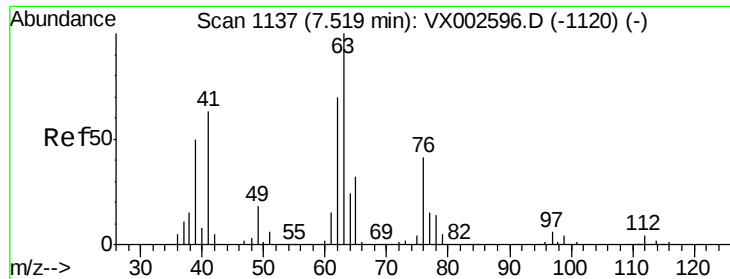


#44

Trichloroethene
 Concen: 46.93 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	185.4





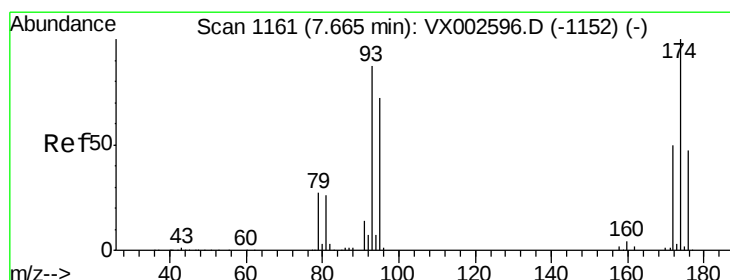
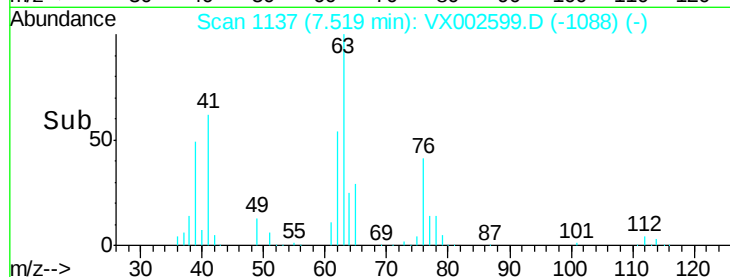
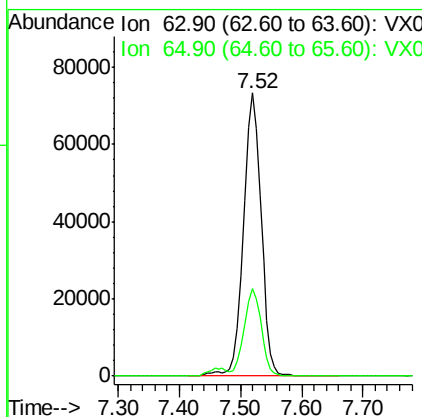
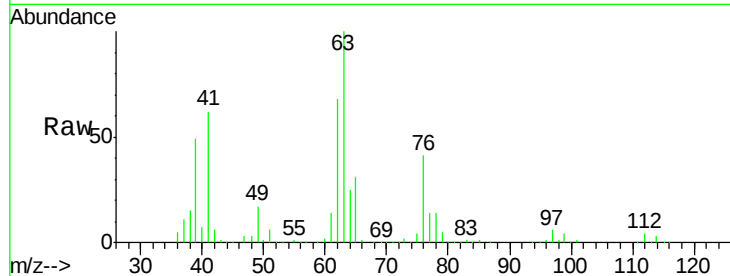
#45
 1,2-Dichloropropane
 Concen: 47.69 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061518

Tot Ion: 63 Resp: 146980
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1

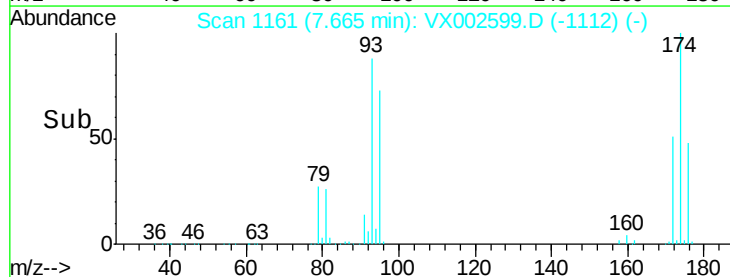
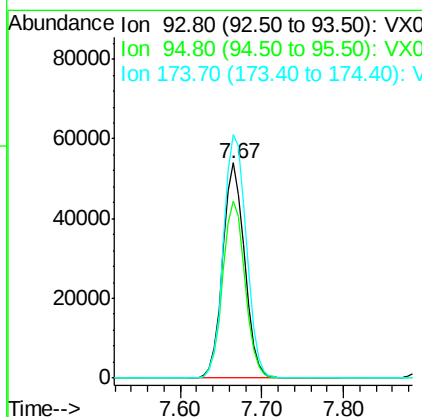
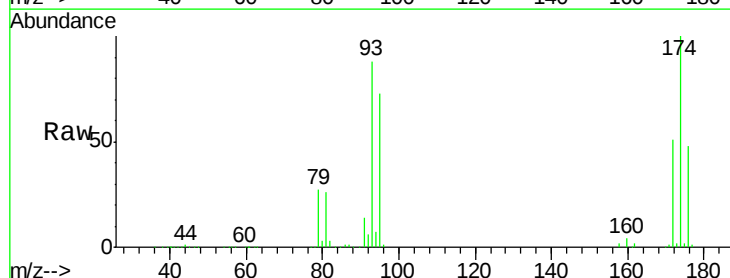
Manual Integrations
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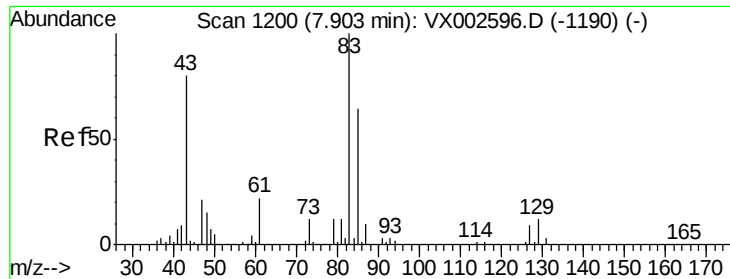
MMDadoda
 6/18/2018 5:12:00 PM



#46
 Dibromomethane
 Concen: 48.58 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion: 93 Resp: 100166
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.9 98.9
 174 117.9 92.4 138.6





#47

Bromodichloromethane

Concen: 50.40 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

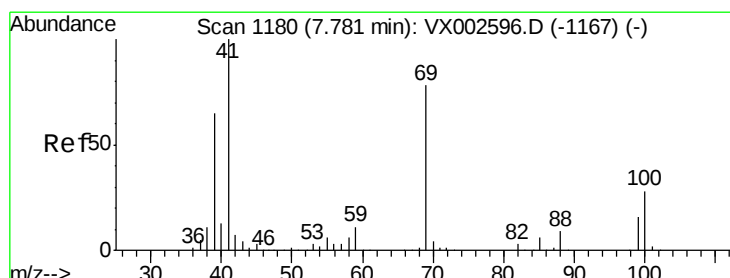
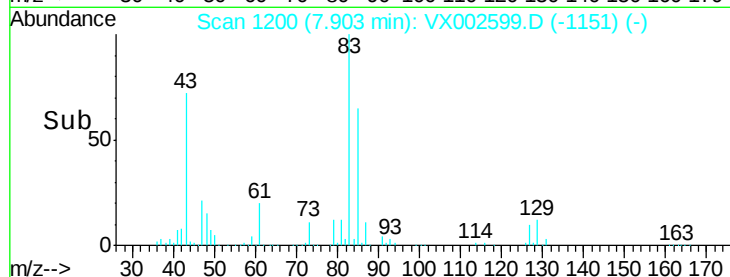
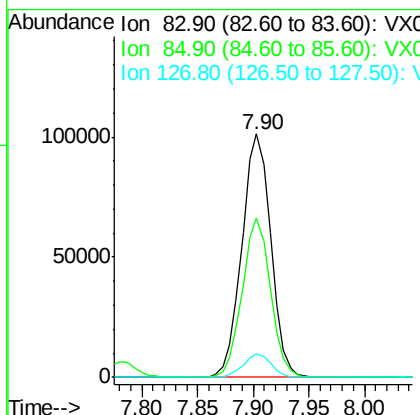
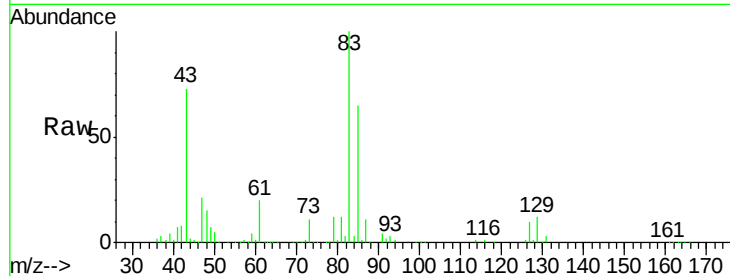
ClientSampleId :

ICVVX061518

Tot Ion:	83	Resp:	183286
Ion Ratio	Lower	Upper	
83	100		
85	65.4	50.3	75.5
127	9.7	7.0	10.4

Manual Integrations
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6/18/2018 5:12:00 PM



#48

Methyl methacrylate

Concen: 50.20 ug/l

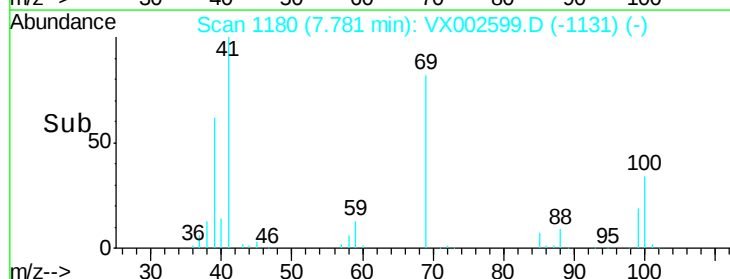
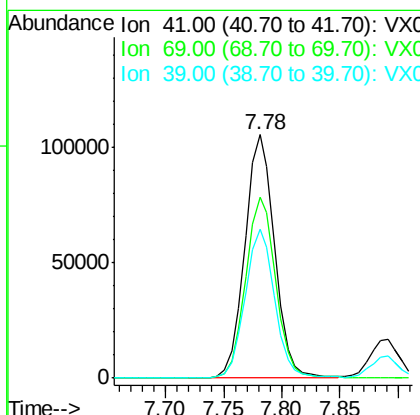
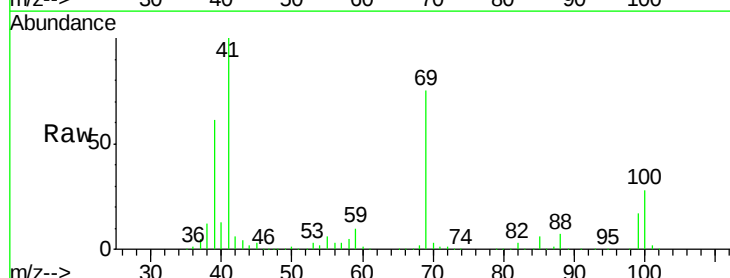
RT: 7.78 min Scan# 1180

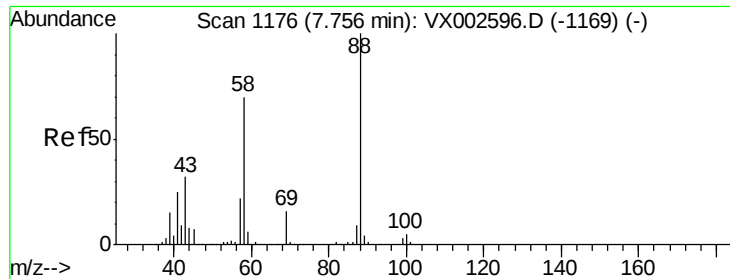
Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Tgt Ion:	41	Resp:	187881
Ion Ratio	Lower	Upper	
41	100		
69	75.4	59.1	88.7
39	60.9	48.9	73.3





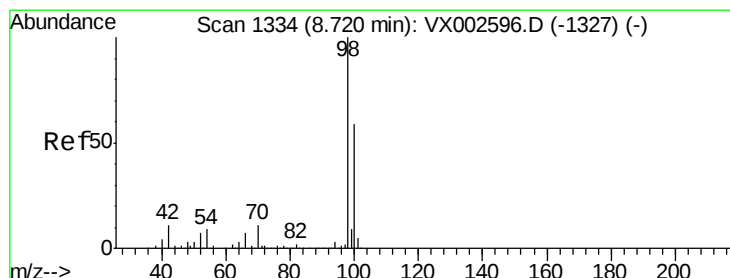
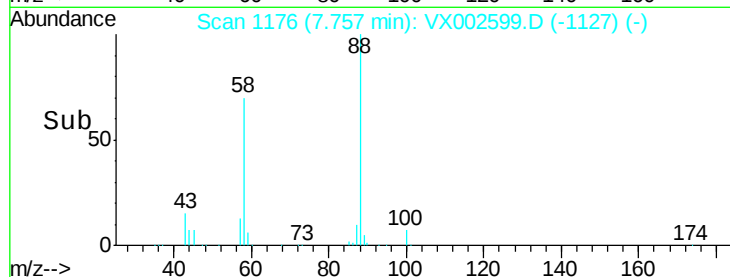
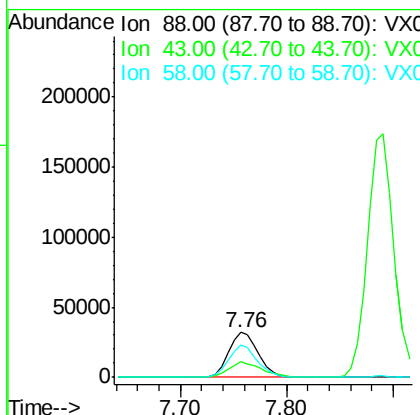
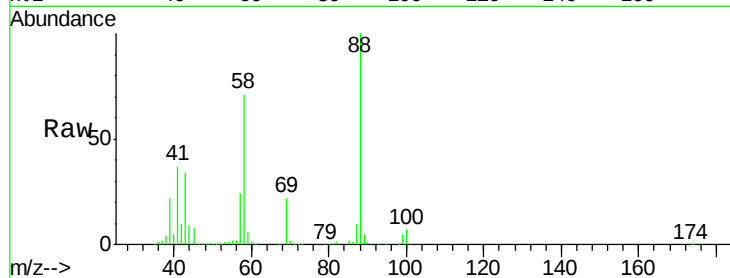
#49
1,4-Dioxane
Concen: 878.97 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.5	29.8	44.6
58	70.8	57.1	85.7

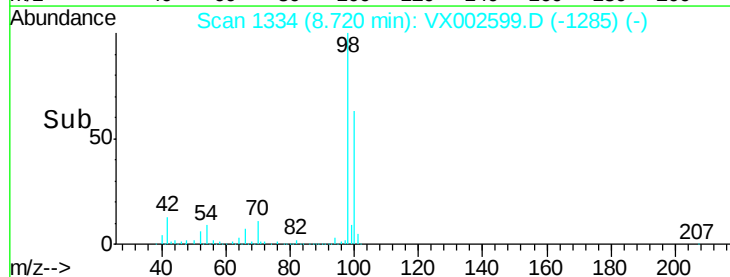
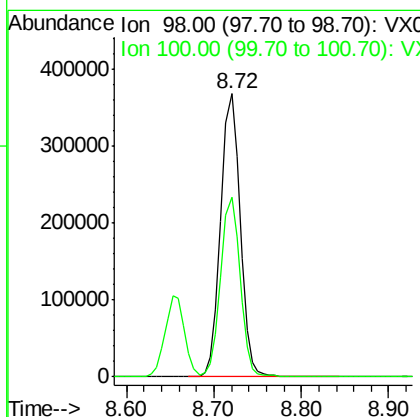
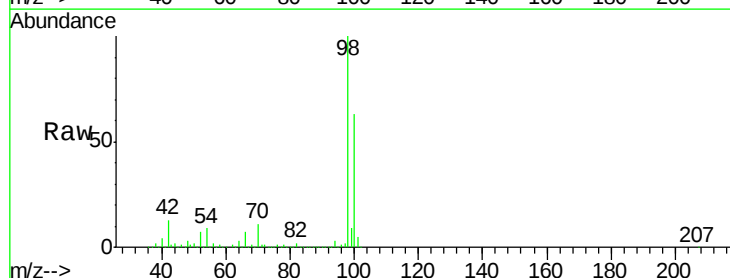
Manual Integrations
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#50
Toluene-d8
Concen: 51.15 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





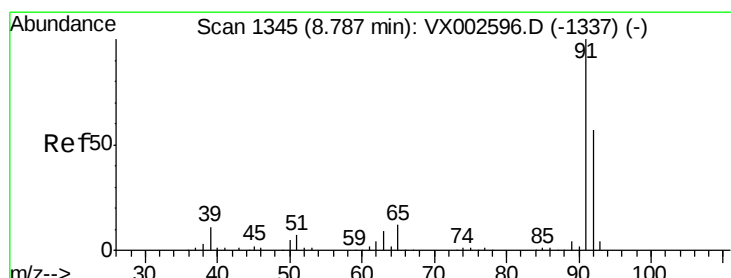
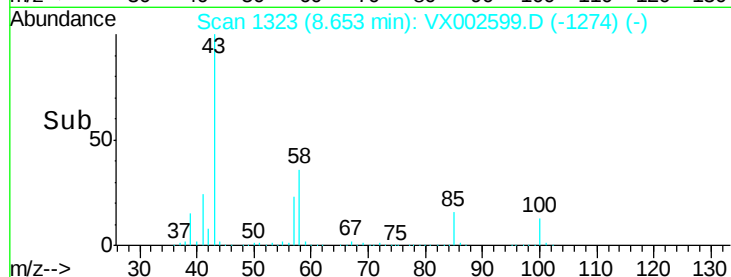
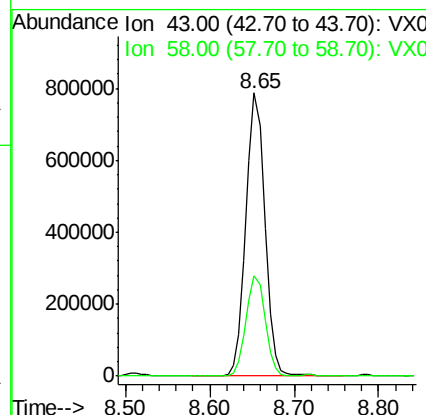
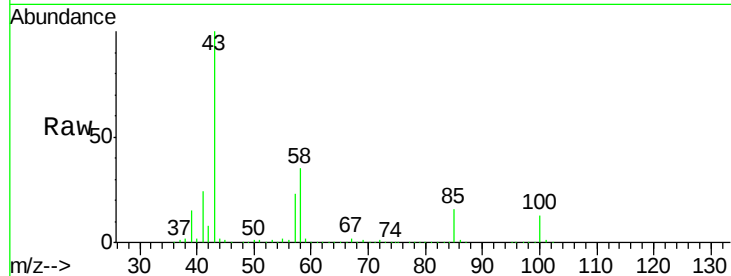
#51
4-Methyl-2-Pentanone
Concen: 252.34 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampled :
ICVVX061518

Tot Ion: 43 Resp: 1186735
Ion Ratio Lower Upper
43 100
58 35.8 28.6 42.8

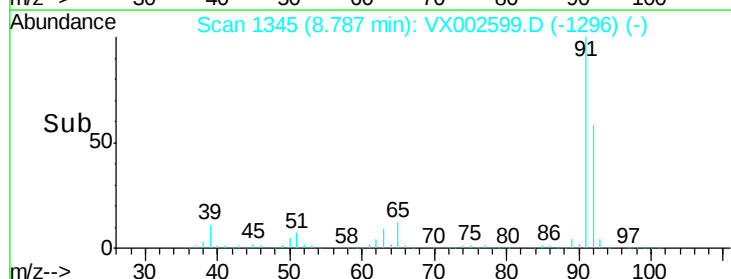
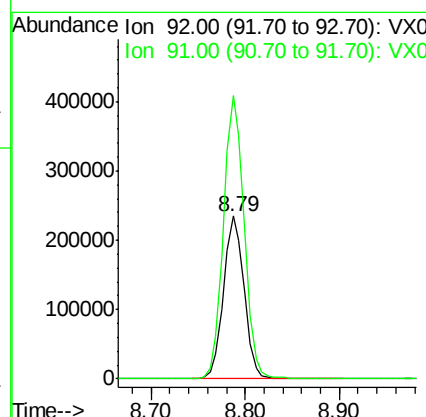
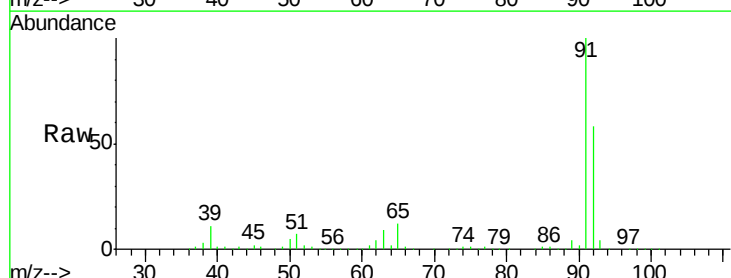
Manual Integrations
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6/18/2018 5:12:00 PM



#52
Toluene
Concen: 47.70 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion: 92 Resp: 356367
Ion Ratio Lower Upper
92 100
91 174.9 140.4 210.6





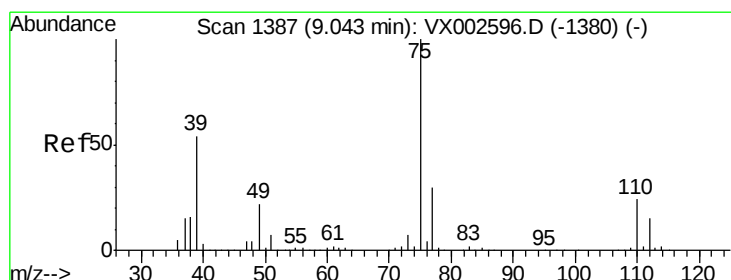
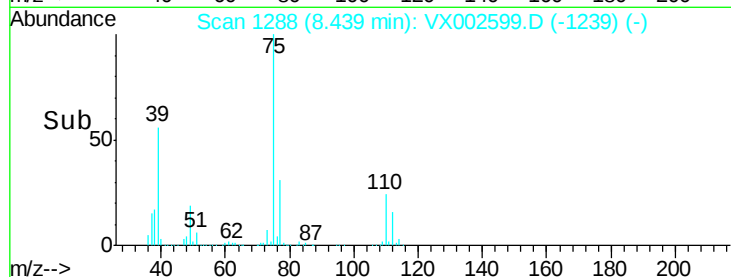
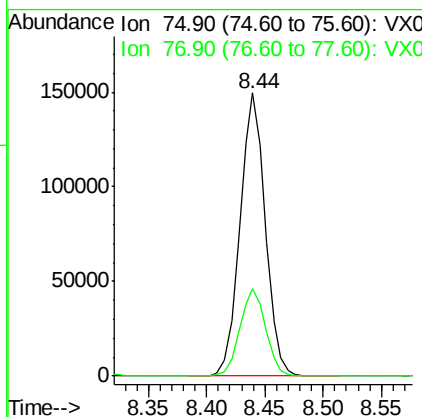
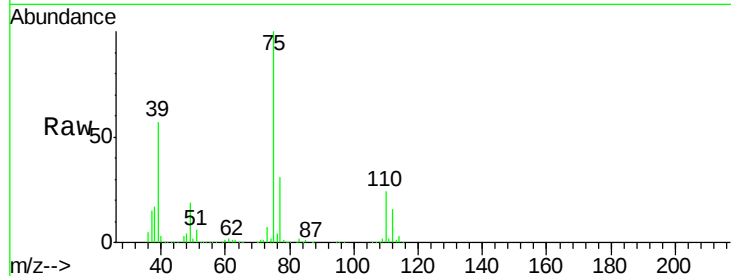
#53
t-1,3-Dichloropropene
Concen: 47.16 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.2

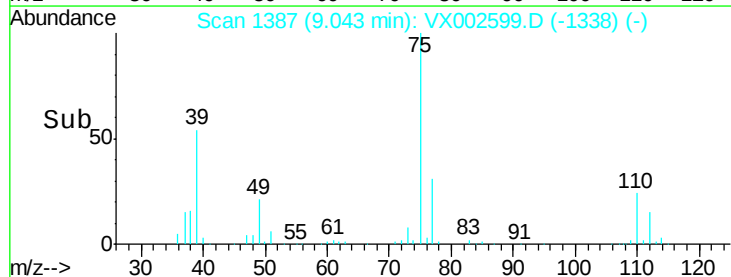
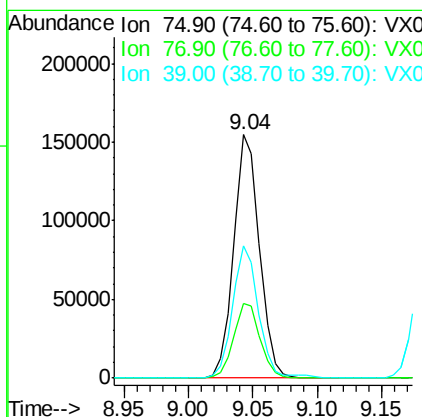
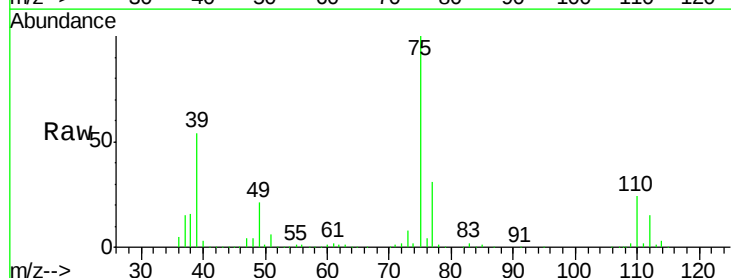
Manual Integrations
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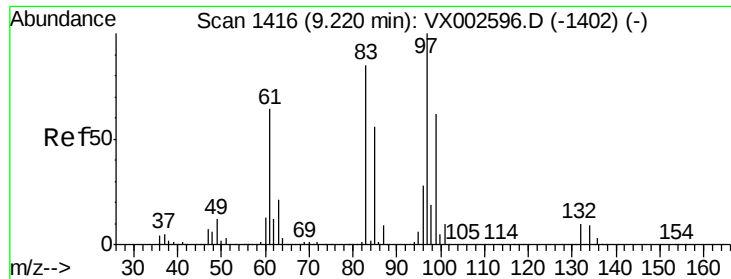
MMDadoda
6/18/2018 5:12:00 PM



#54
cis-1,3-Dichloropropene
Concen: 46.96 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.8	37.2
39	54.0	42.4	63.6





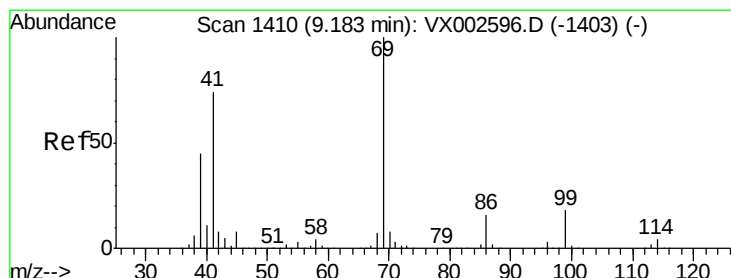
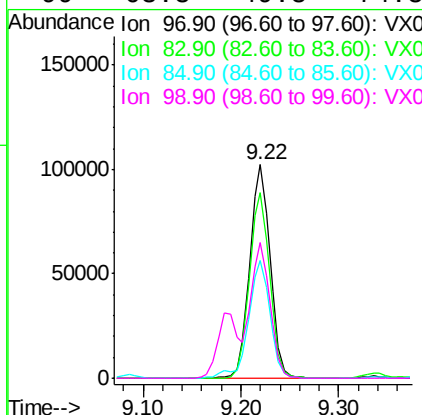
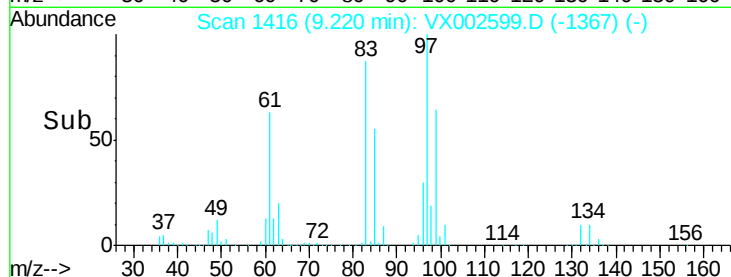
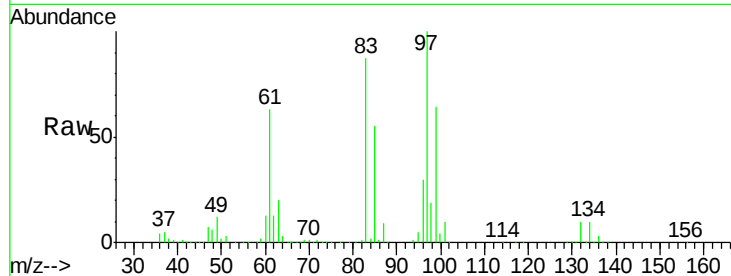
#55
 1,1,2-Trichloroethane
 Concen: 49.08 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061518

Tot Ion:	97	Resp:	148166
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.2	105.2
85	55.1	44.9	67.3
99	63.8	49.8	74.8

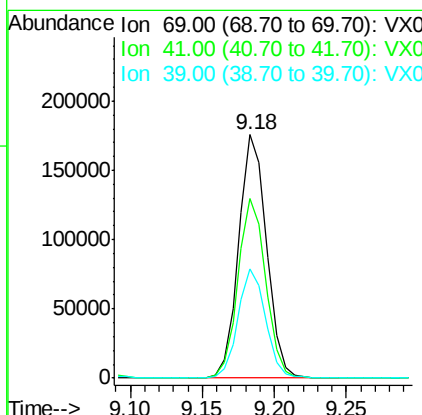
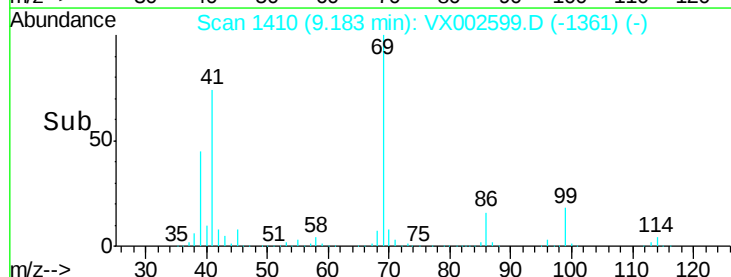
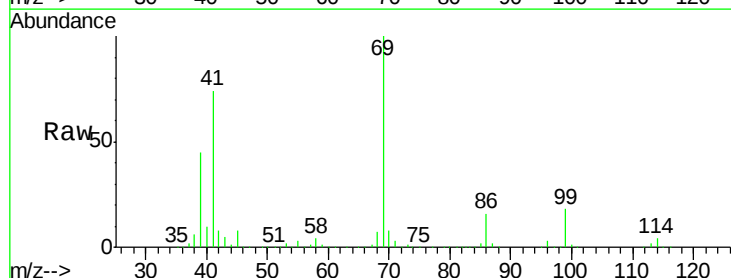
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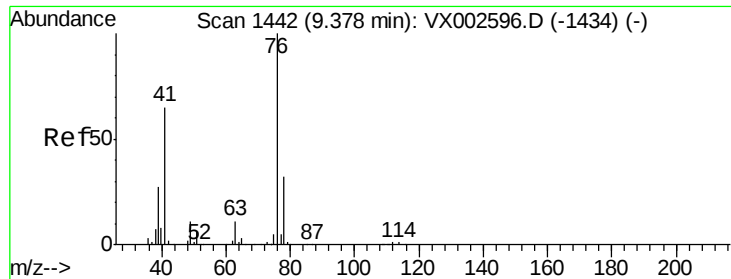
MMDadoda
 6/18/2018 5:12:00 PM



#56
 Ethyl methacrylate
 Concen: 51.04 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion:	69	Resp:	237093
Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	44.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.00 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061518

Tot Ion: 76 Resp: 245091

Ion Ratio Lower Upper

76 100

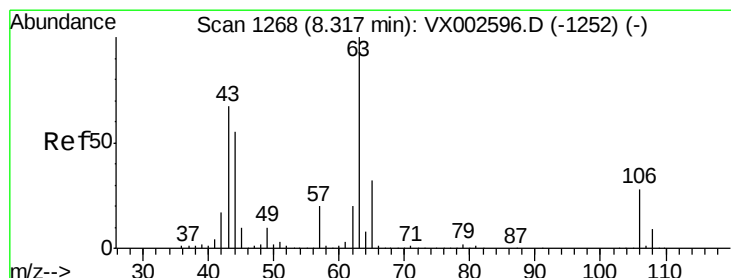
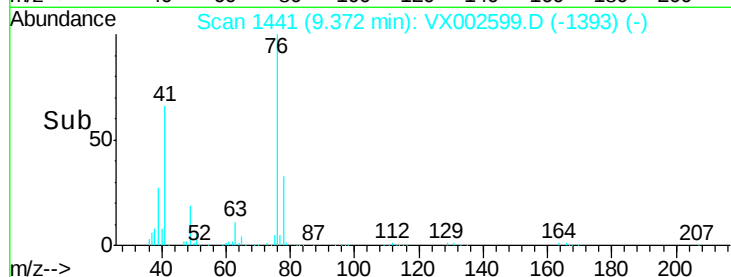
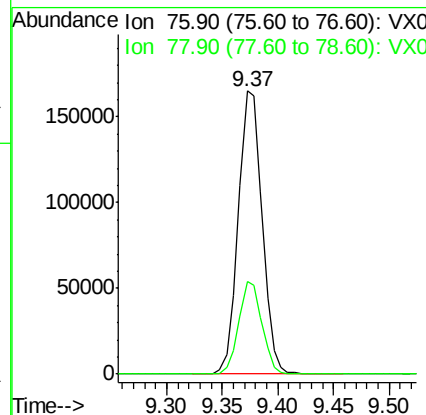
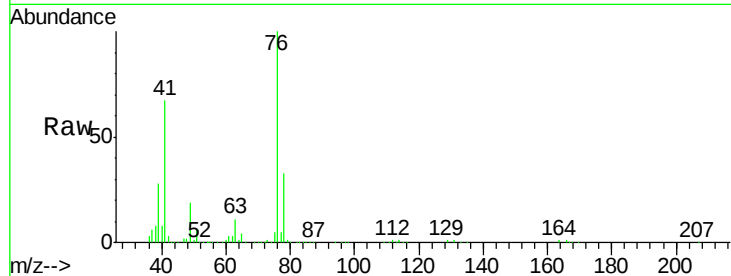
78 31.9 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 281.11 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002599.D

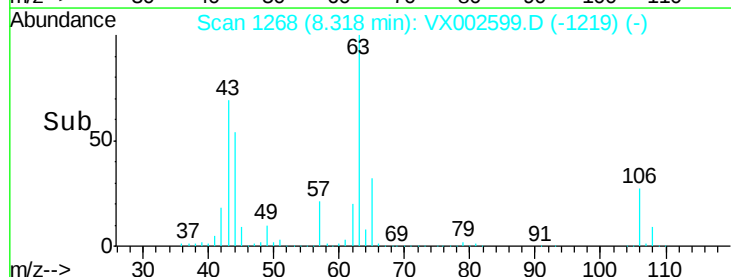
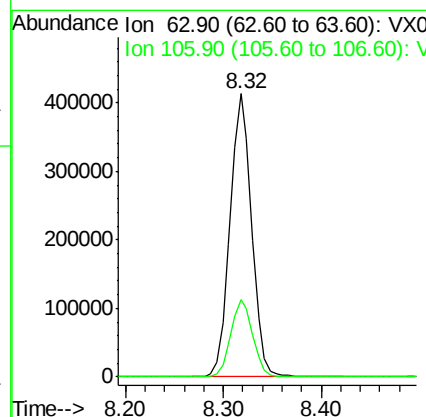
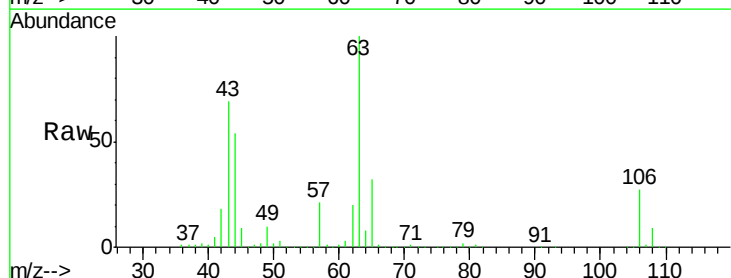
Acq: 15 Jun 2018 14:20

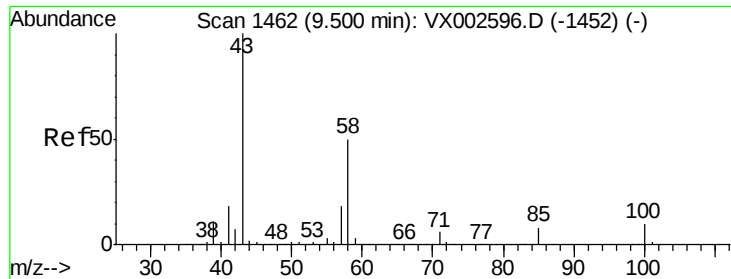
Tgt Ion: 63 Resp: 631627

Ion Ratio Lower Upper

63 100

106 27.8 21.8 32.8





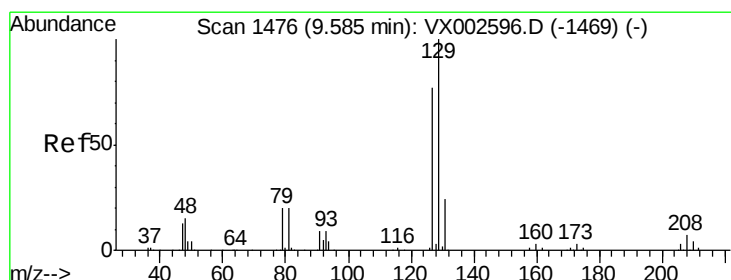
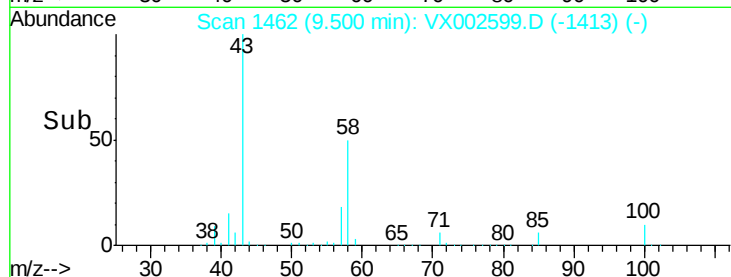
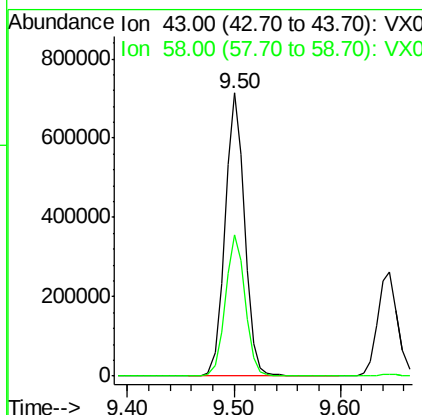
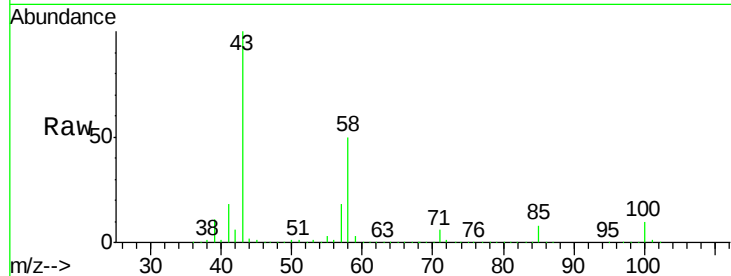
#59
2-Hexanone
Concen: 258.68 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion: 43 Resp: 916716
Ion Ratio Lower Upper
43 100
58 50.2 24.6 73.6

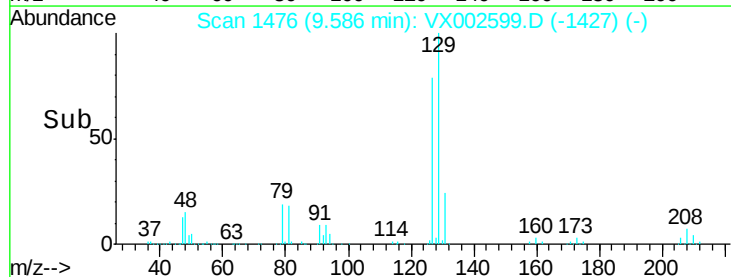
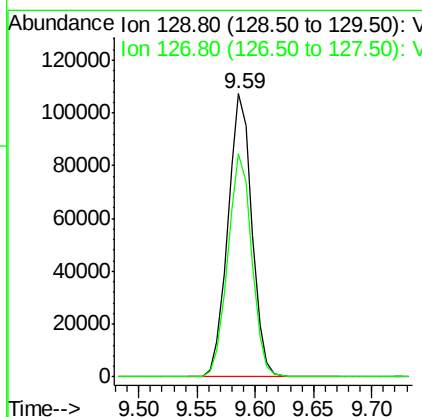
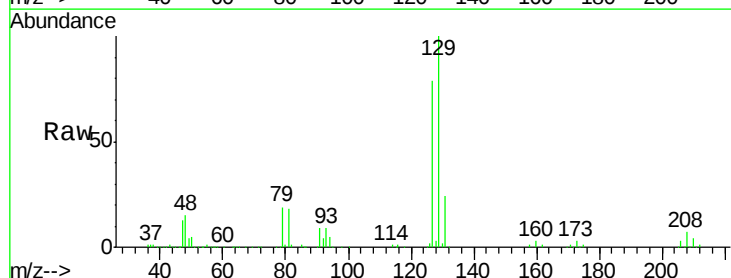
Manual Integrations
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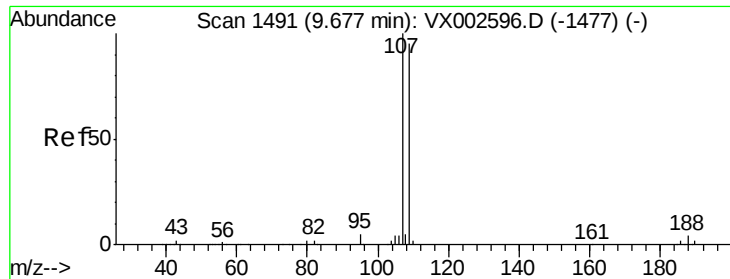
MMDadoda
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#60
Dibromochloromethane
Concen: 45.50 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion: 129 Resp: 153281
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.11 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061518

Tot Ion:107 Resp: 159788

Ion Ratio Lower Upper

107 100

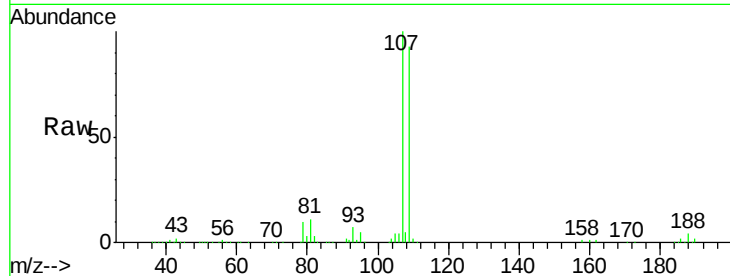
109 94.2 75.3 112.9

Manual Integrations

APPROVED

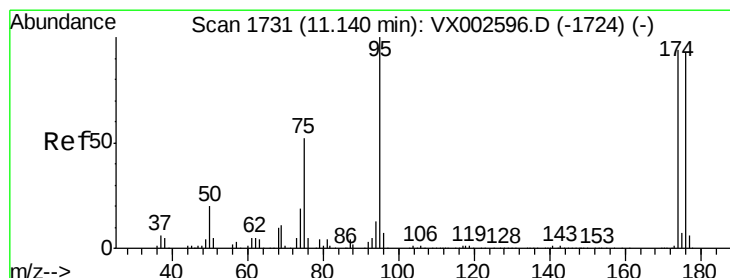
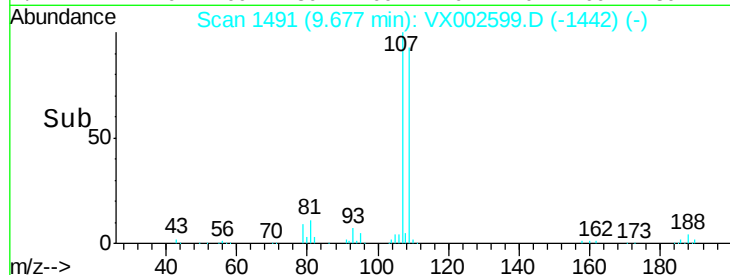
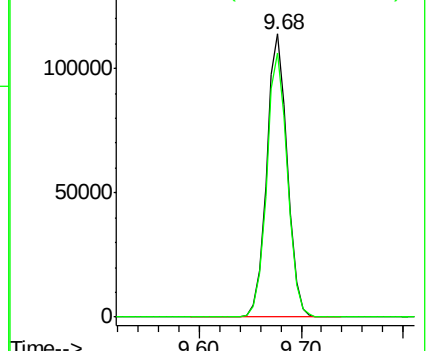
MMDadoda

6/18/2018 5:12:00 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

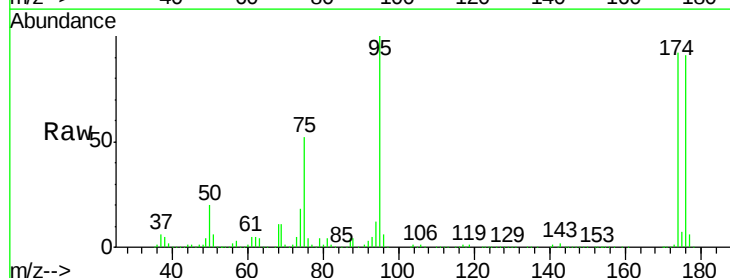
Tgt Ion: 95 Resp: 223625

Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.4

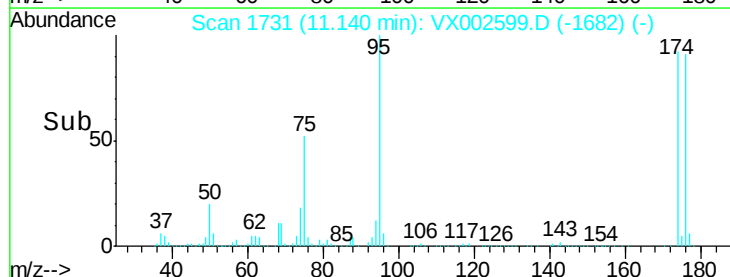
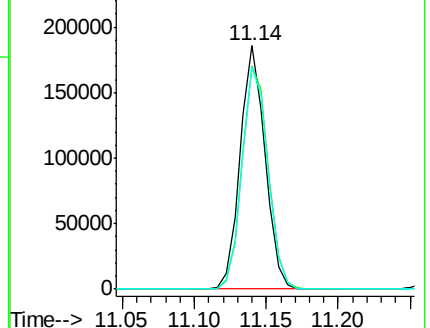
176 93.7 0.0 181.0

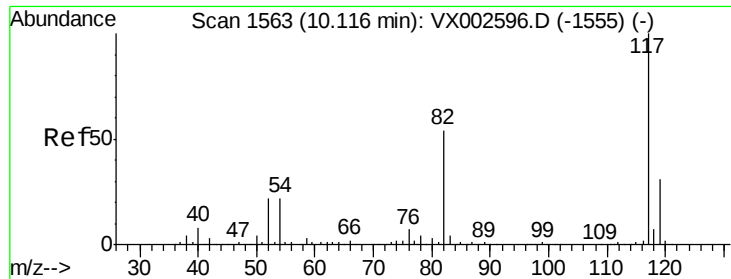


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





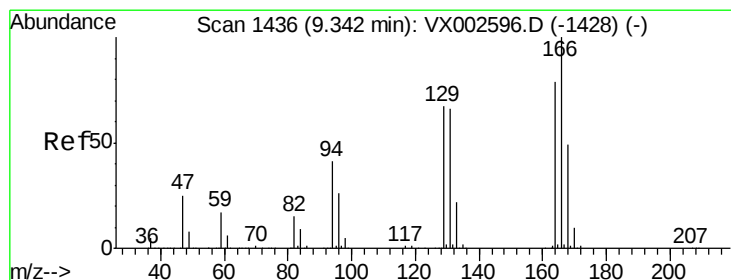
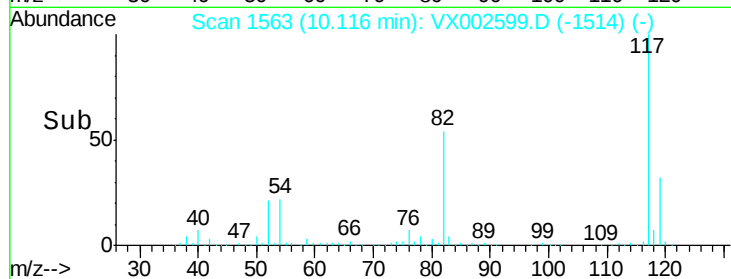
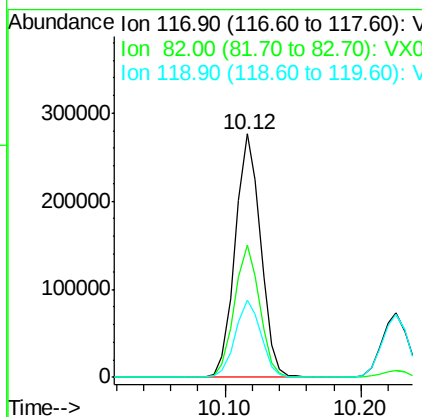
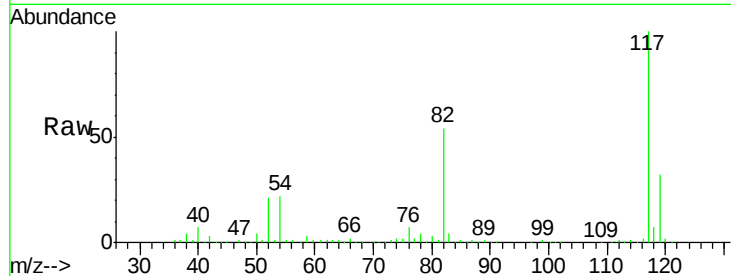
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Resp	Lower	Upper
117	100	360490		
82	54.5	45.0	67.4	
119	31.7	25.8	38.6	

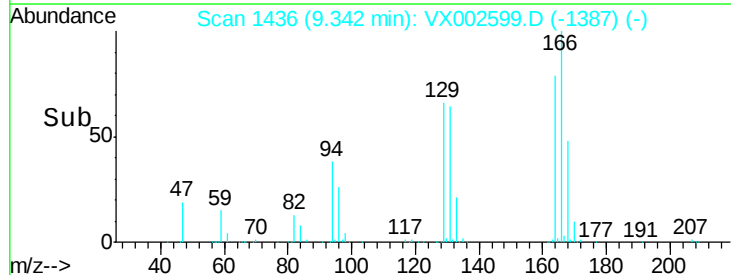
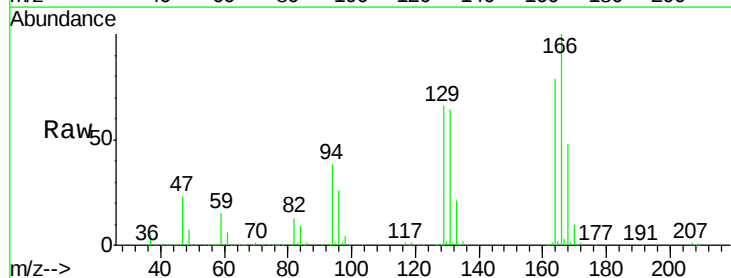
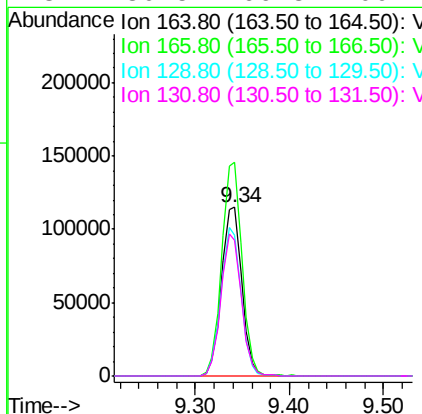
Manual Integrations
APPROVED

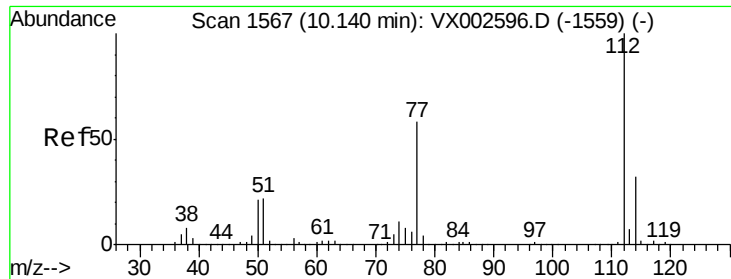
MMDadoda
6/18/2018 5:12:00 PM



#64
Tetrachloroethene
Concen: 43.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172507		
166	126.6	102.9	154.3	
129	83.8	68.6	102.8	
131	80.5	66.8	100.2	





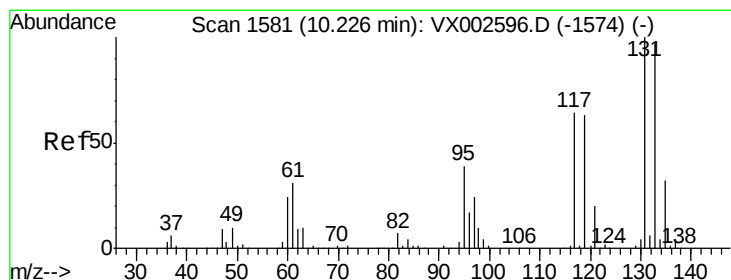
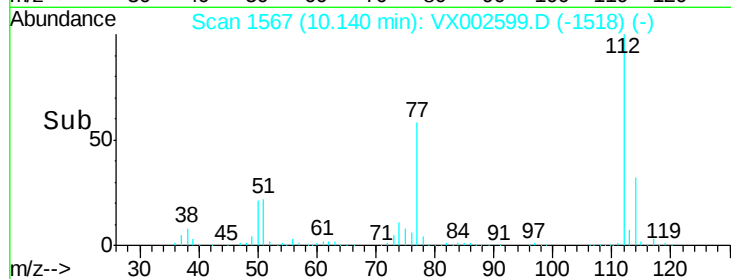
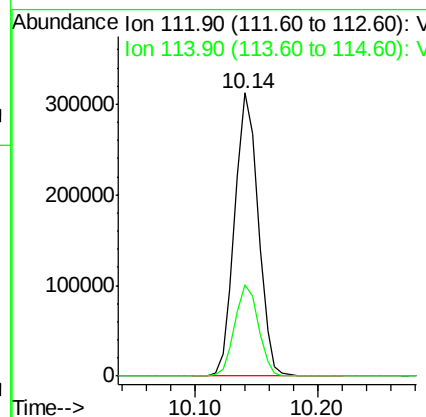
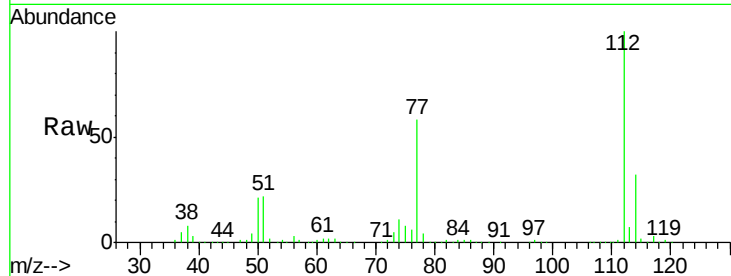
#65
Chlorobenzene
Concen: 46.85 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion:112 Resp: 414795
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

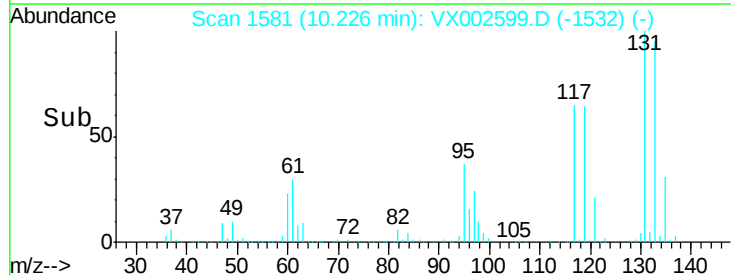
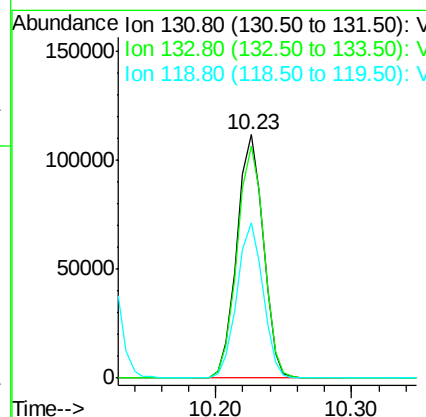
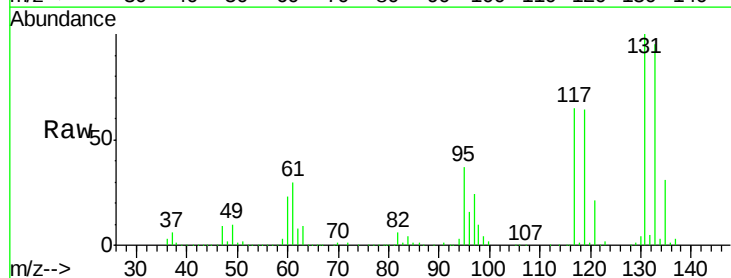
Manual Integrations
APPROVED

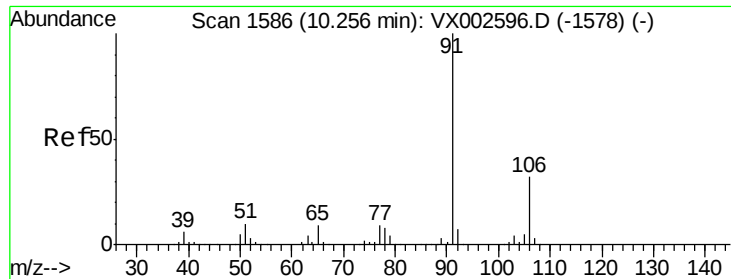
MMDadoda
6/18/2018 5:12:00 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.28 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion:131 Resp: 151751
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 63.1 31.8 95.3





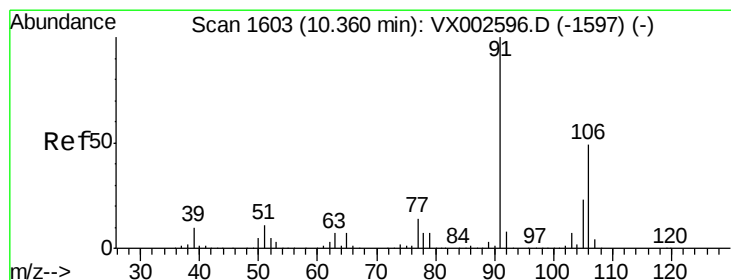
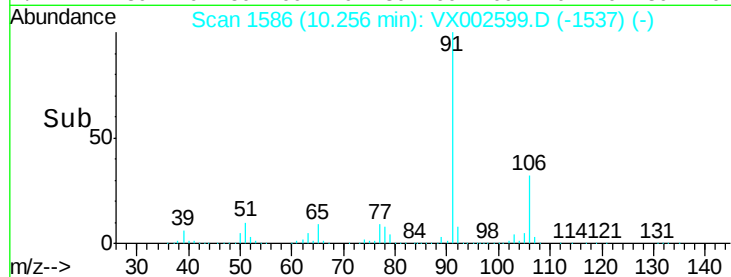
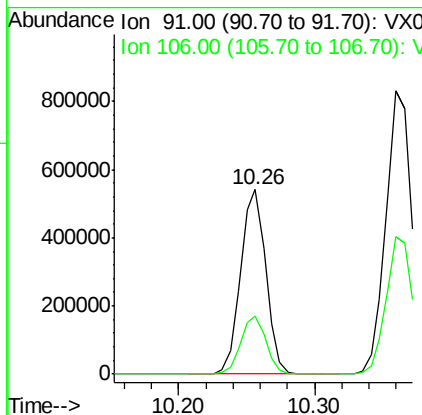
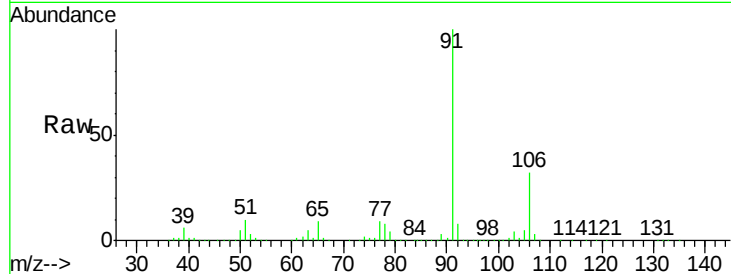
#67
Ethyl Benzene
Concen: 46.92 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion: 91 Resp: 700581
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

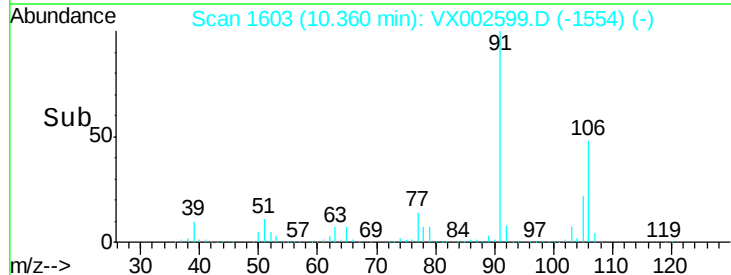
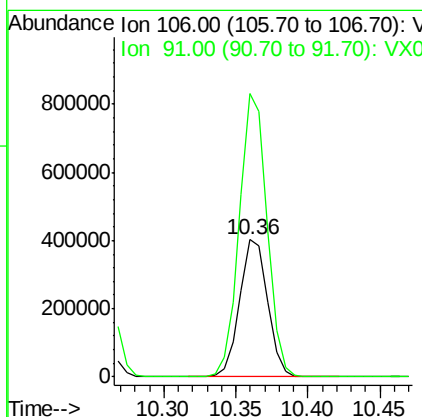
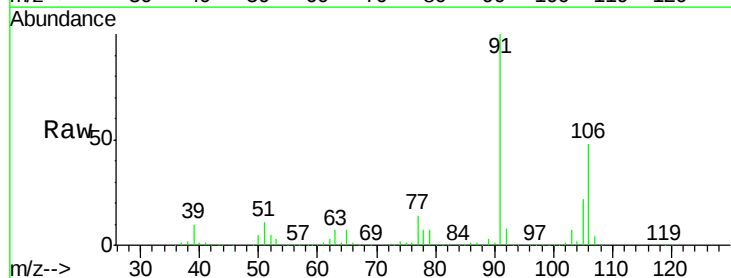
Manual Integrations
APPROVED

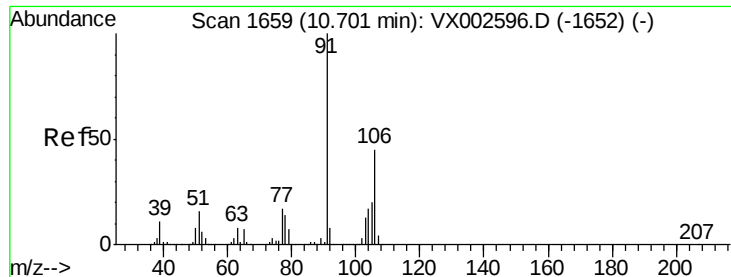
MMDadoda
6/18/2018 5:12:00 PM



#68
m/p-Xylenes
Concen: 94.25 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion: 106 Resp: 542882
Ion Ratio Lower Upper
106 100
91 204.6 163.4 245.2





#69

o-Xylene

Concen: 47.35 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061518

Tot Ion:106 Resp: 267966

Ion Ratio Lower Upper

106 100

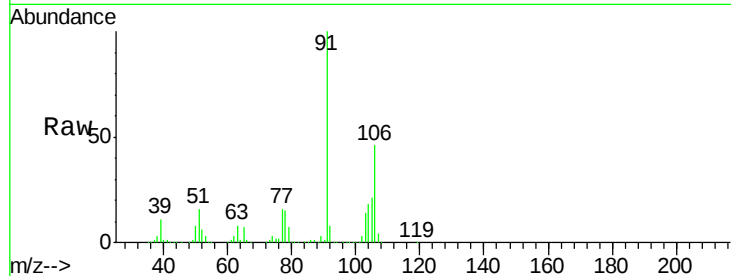
91 216.1 108.2 324.6

Manual Integrations

APPROVED

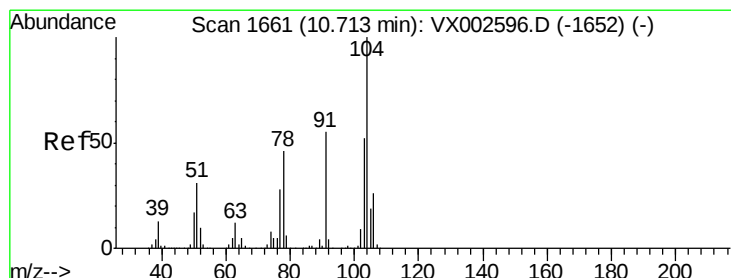
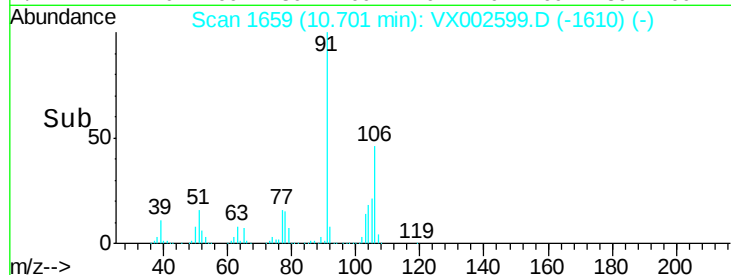
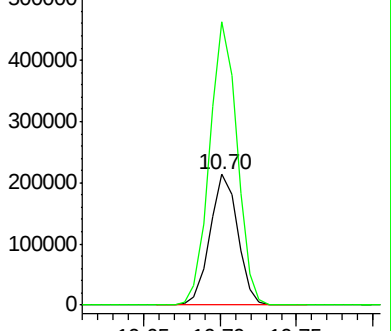
MMDadoda

6/18/2018 5:12:00 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 48.90 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

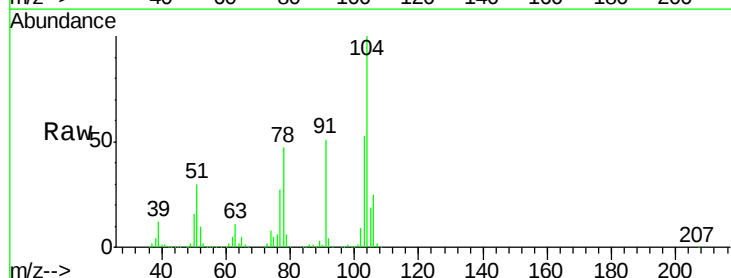
Tgt Ion:104 Resp: 455082

Ion Ratio Lower Upper

104 100

78 50.9 41.0 61.6

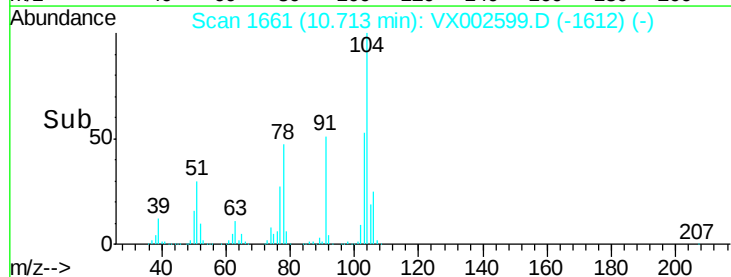
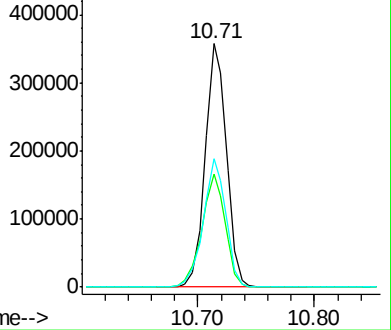
103 55.9 44.2 66.4

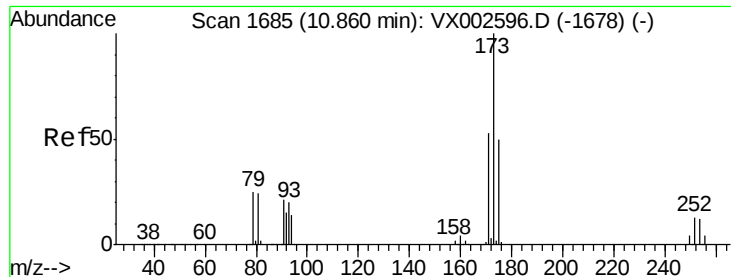


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





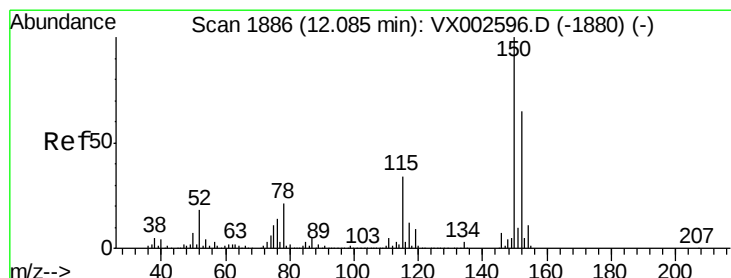
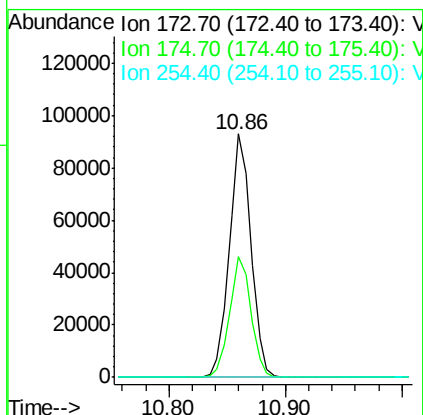
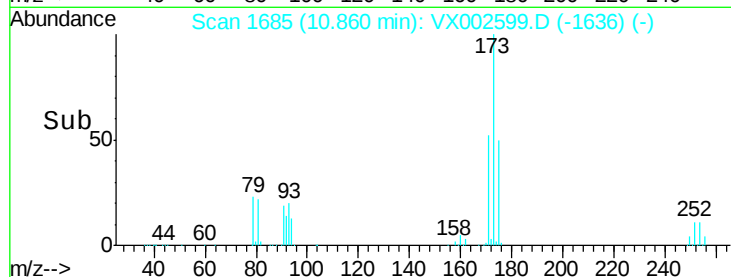
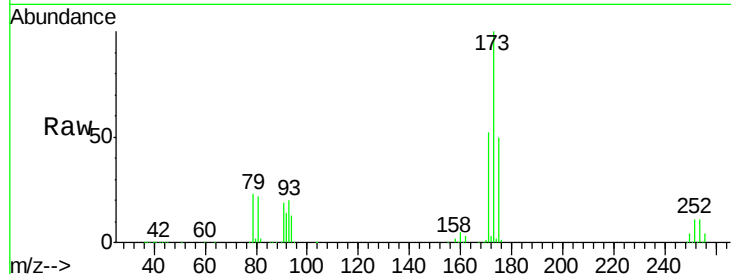
#71
Bromoform
Concen: 44.37 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.2	0.2	0.2

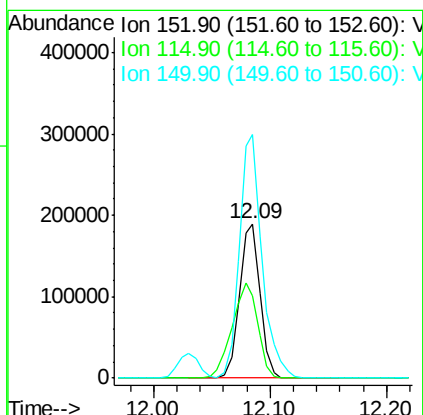
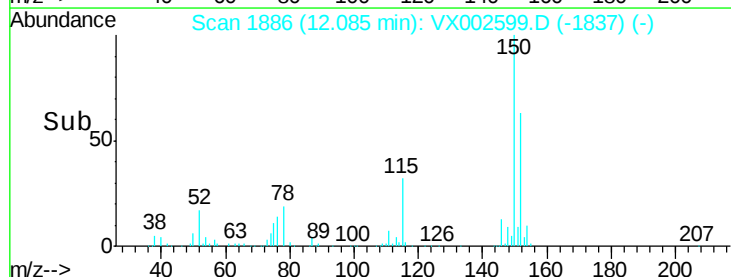
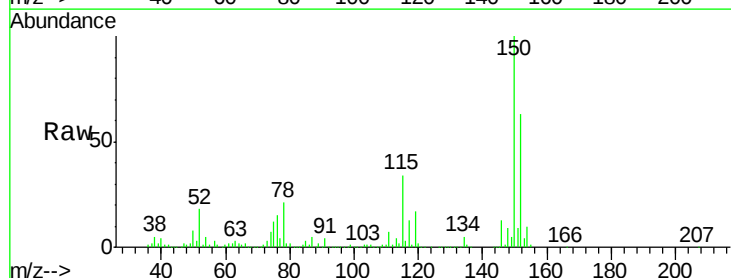
Manual Integrations
APPROVED

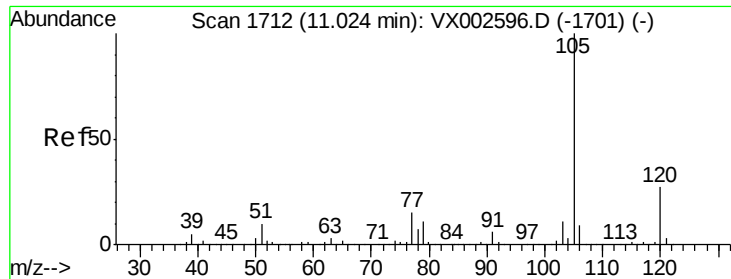
MMDadoda
6/18/2018 5:12:00 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.8	40.1	120.2
150	173.6	0.0	347.2





#73

Isopropylbenzene

Concen: 46.07 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061518

Tot Ion:105 Resp: 716185

Ion Ratio Lower Upper

105 100

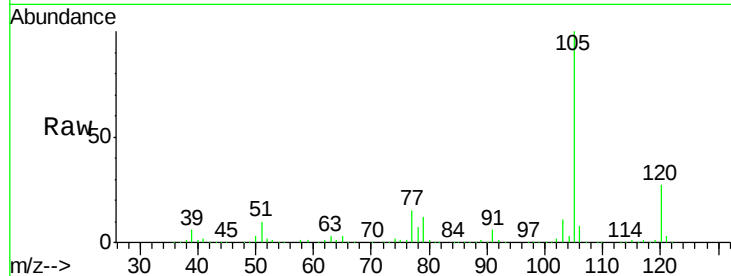
120 27.1 13.5 40.4

Manual Integrations

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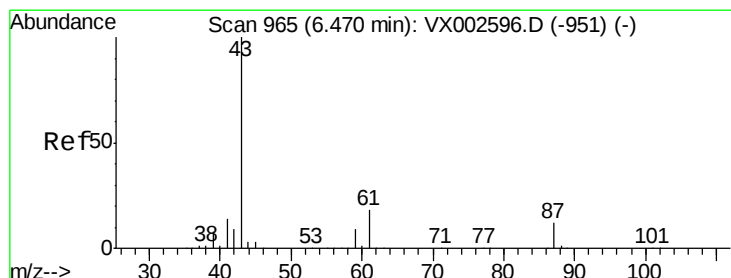
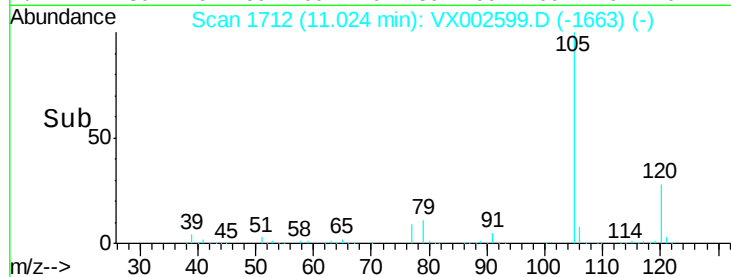
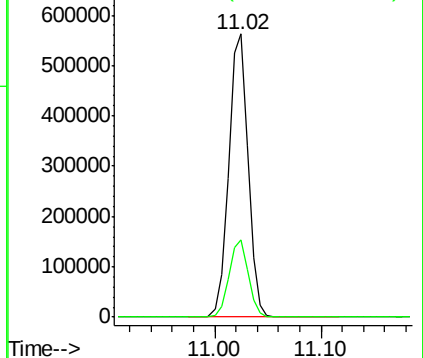
MMDadoda

6/18/2018 5:12:00 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.04 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Tgt Ion: 43 Resp: 363340

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

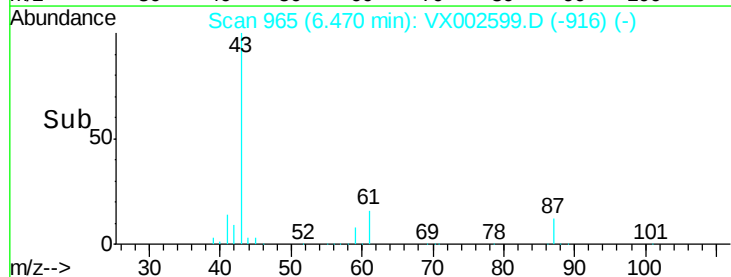
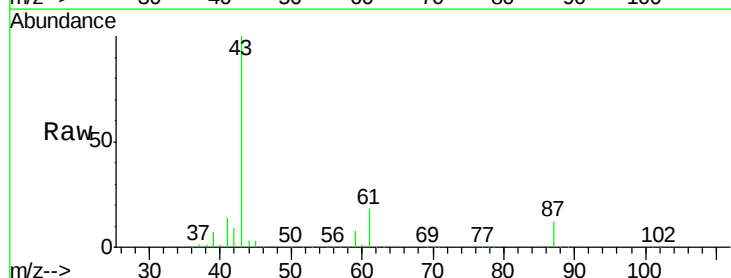
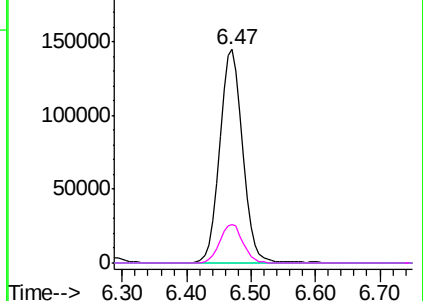
61 18.1 14.4 21.6

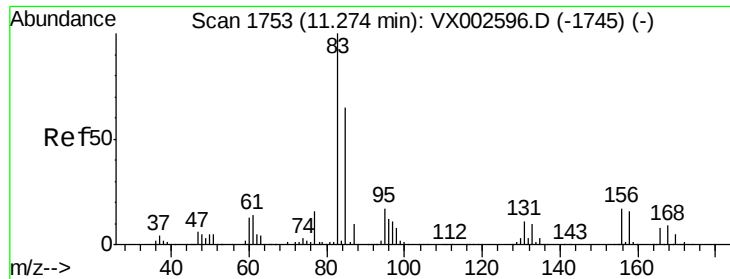
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.68 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

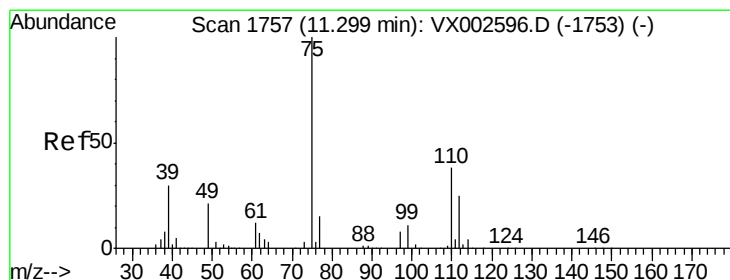
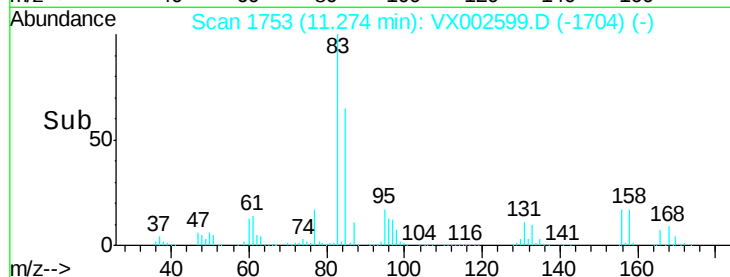
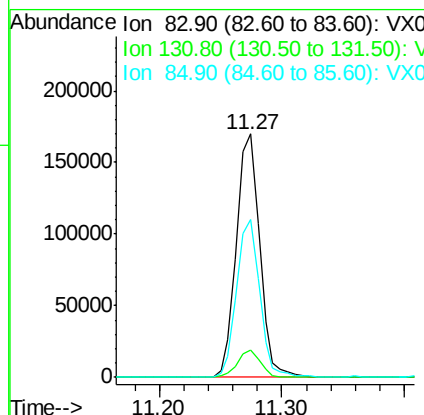
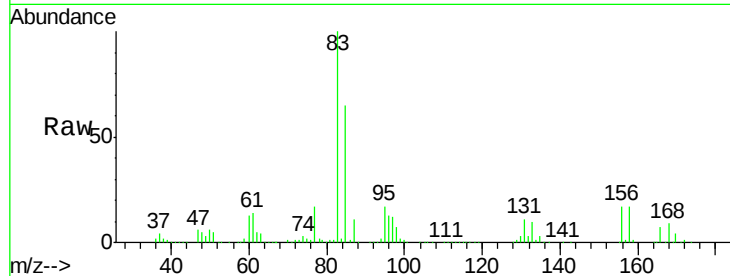
ClientSampled :

ICVVX061518

Tot Ion:	83	Resp:	223456
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.6	16.8
85	64.3	32.4	97.2

Manual Integrations
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MMDadoda
6/18/2018 5:12:00 PM



#76

1,2,3-Trichloropropane

Concen: 51.89 ug/l m

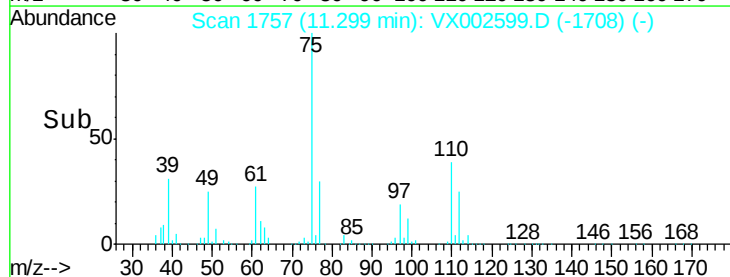
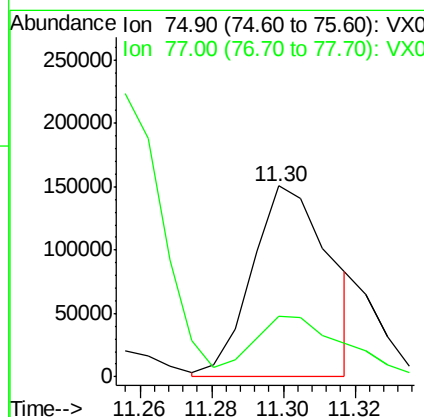
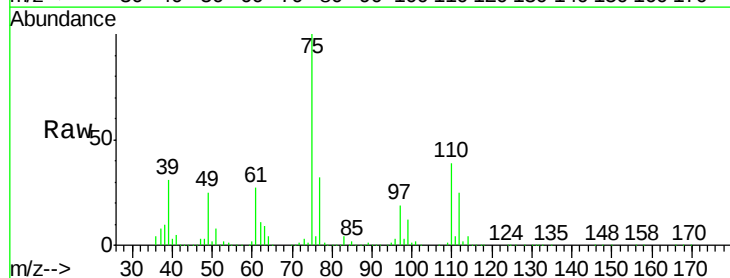
RT: 11.30 min Scan# 1757

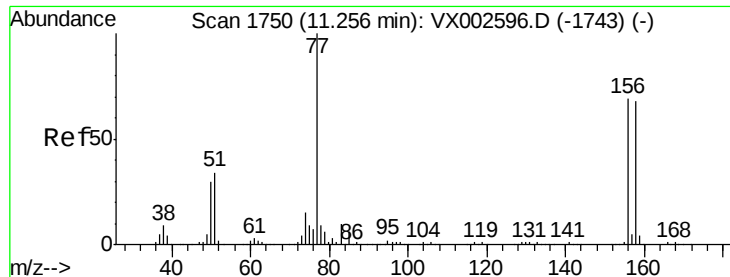
Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Tgt Ion:	75	Resp:	227598
Ion Ratio	Lower	Upper	
75	100		
77	37.4	22.8	68.3





#77

Bromobenzene

Concen: 47.49 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

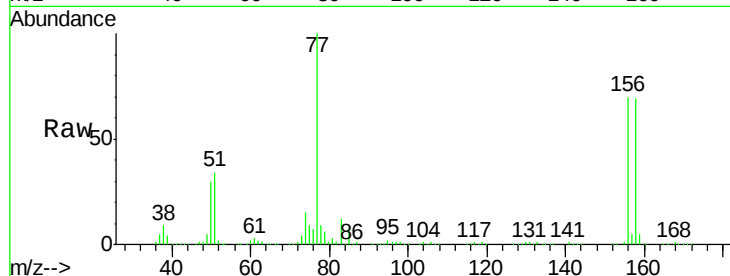
ClientSampleId :

ICVVX061518

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.0	71.4	214.2
158	97.7	48.9	146.6

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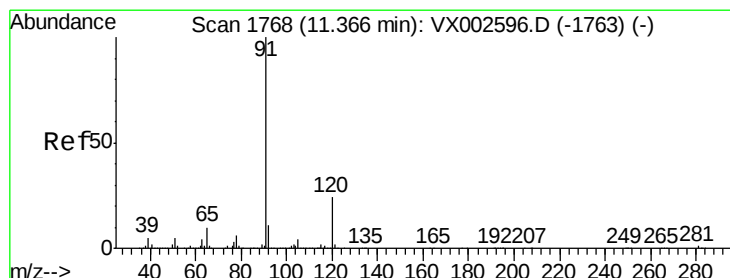
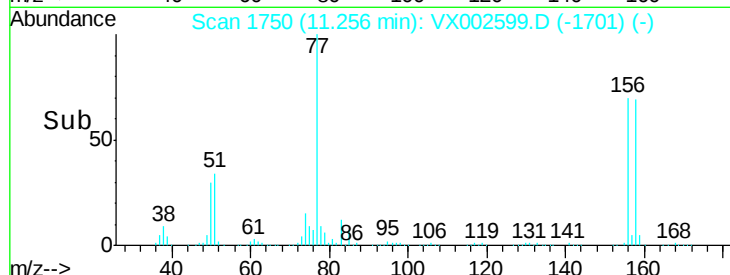
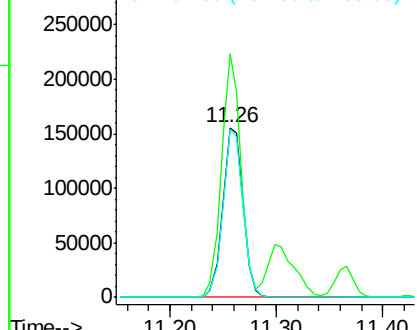


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.82 ug/l

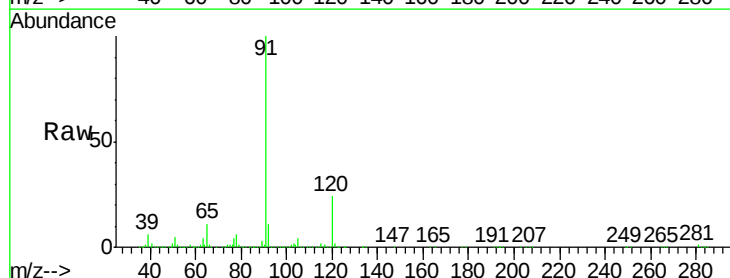
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

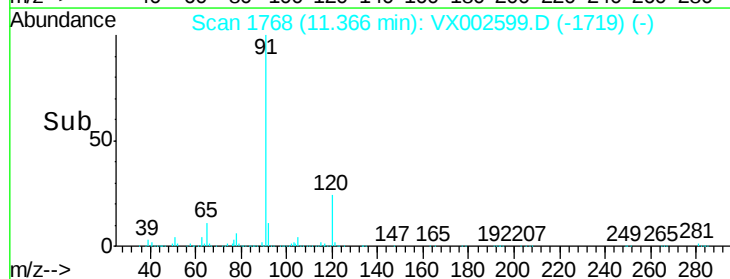
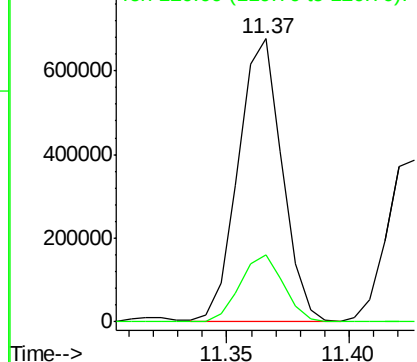
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.8	35.4



Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061518

Tot Ion: 91 Resp: 491966

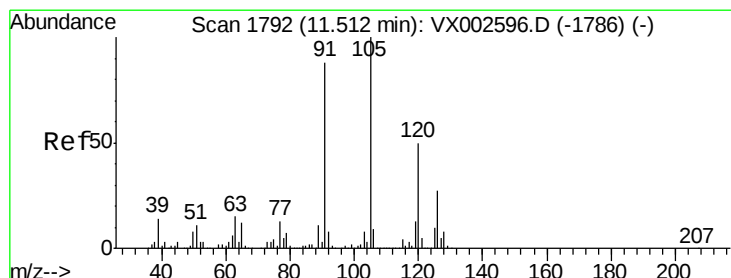
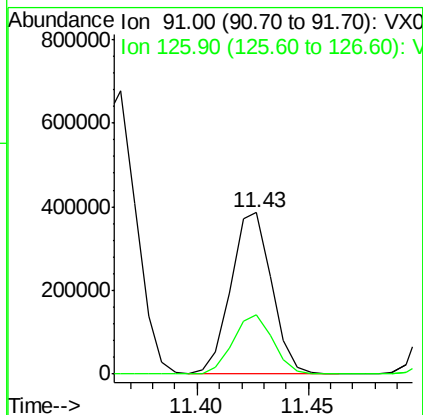
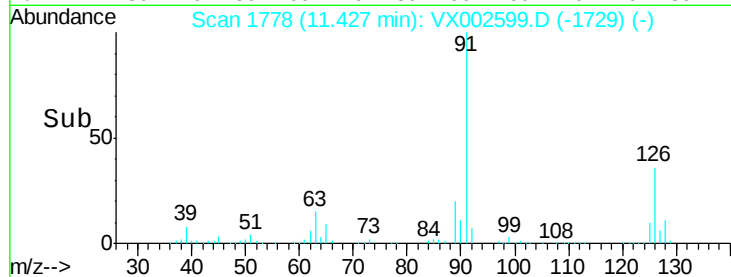
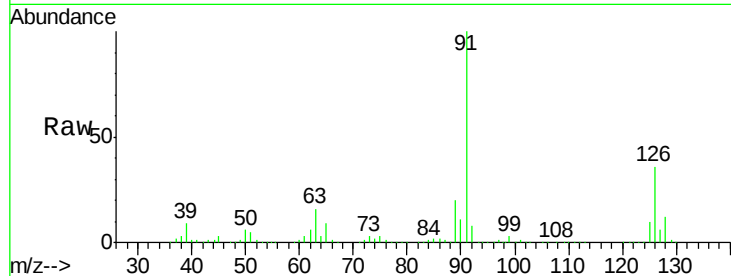
Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 47.34 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002599.D

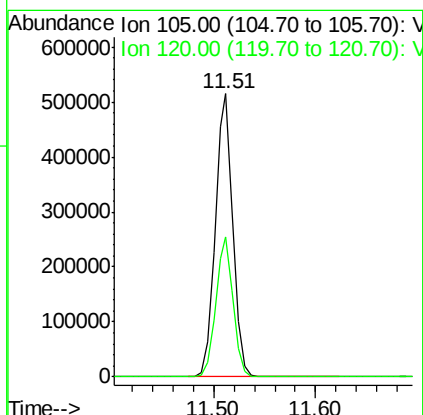
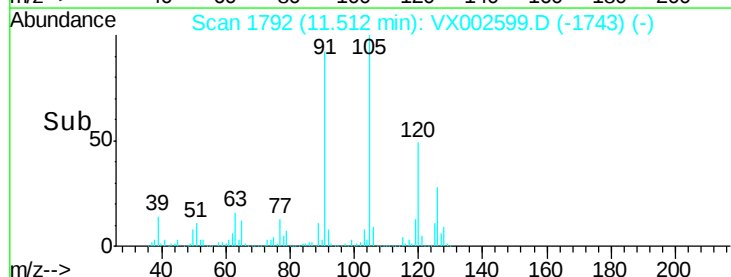
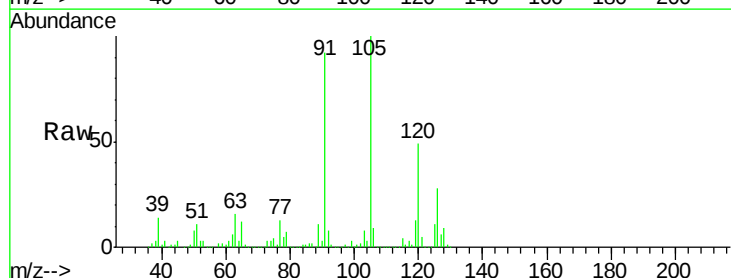
Acq: 15 Jun 2018 14:20

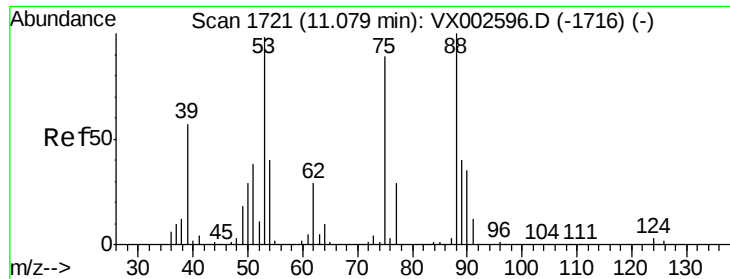
Tgt Ion: 105 Resp: 621893

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4





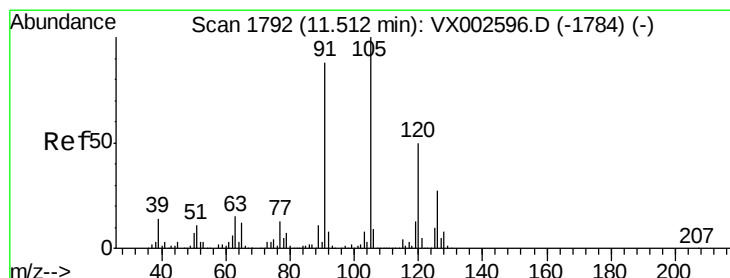
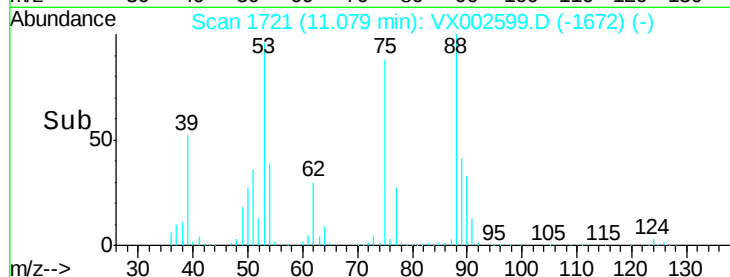
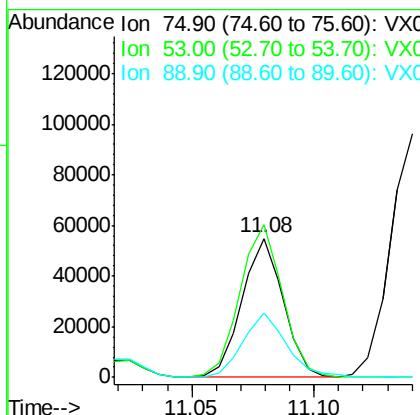
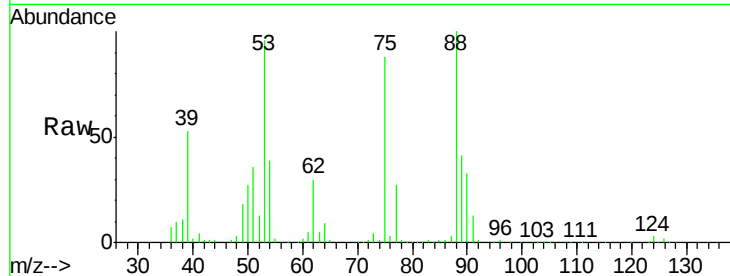
#81
trans-1,4-Dichloro-2-butene
Concen: 46.88 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.5	86.8	130.2
89	49.6	38.2	57.2

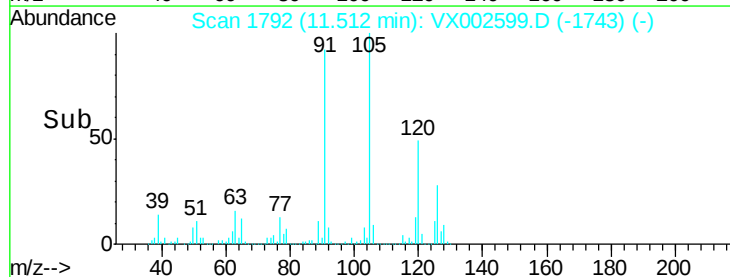
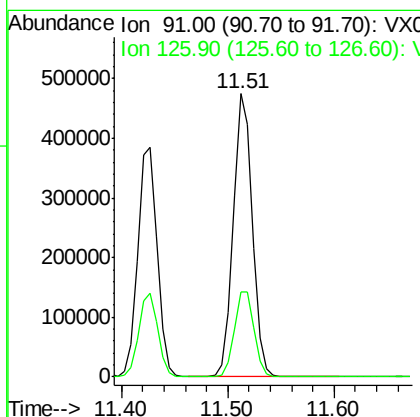
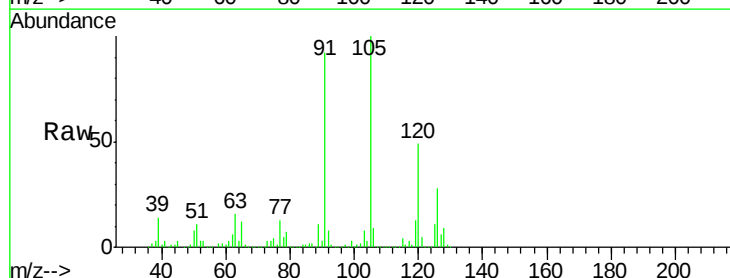
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#82
4-Chlorotoluene
Concen: 47.57 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4





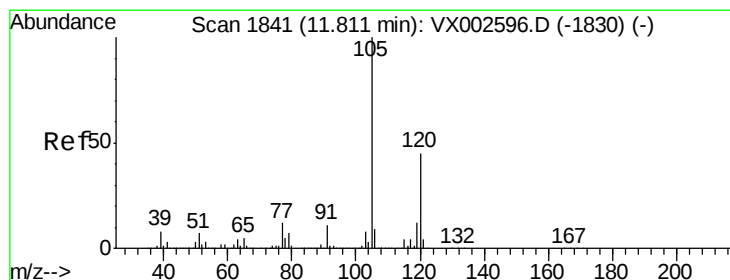
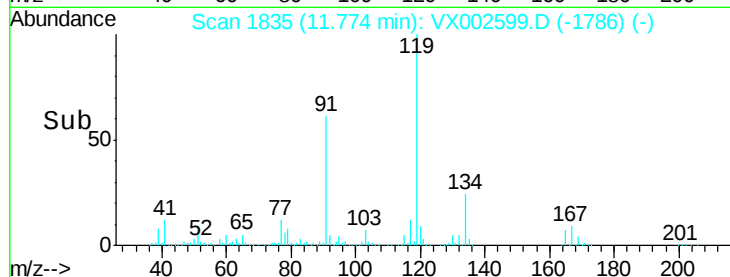
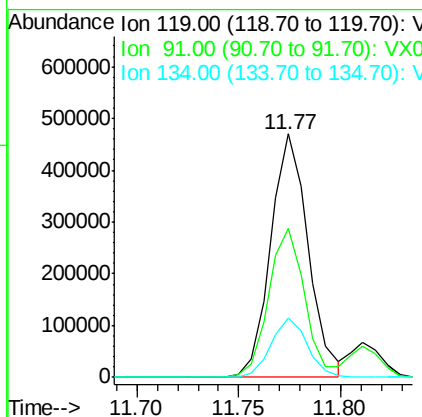
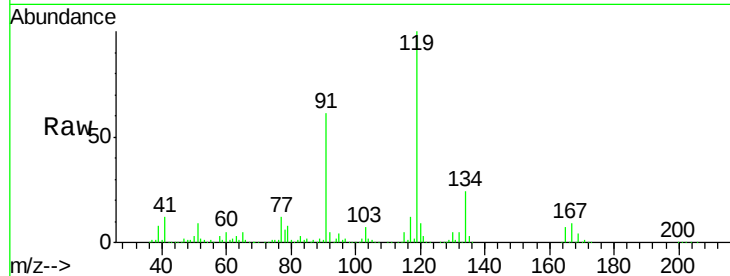
#83
 tert-Butylbenzene
 Concen: 47.60 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061518

Tot Ion	Ratio	Resp	Lower	Upper
119	100	602346		
91	59.1		30.3	90.9
134	23.6		11.7	35.1

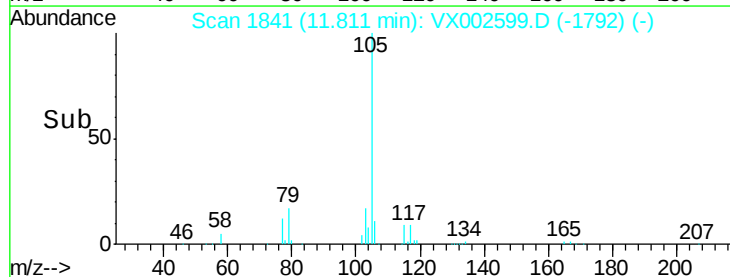
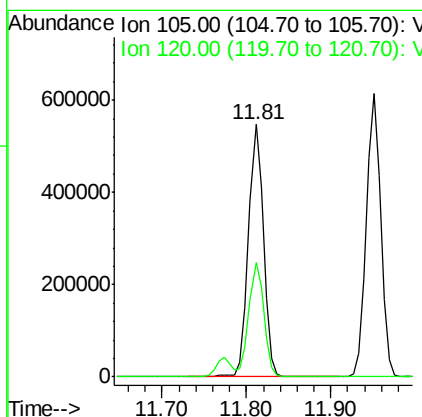
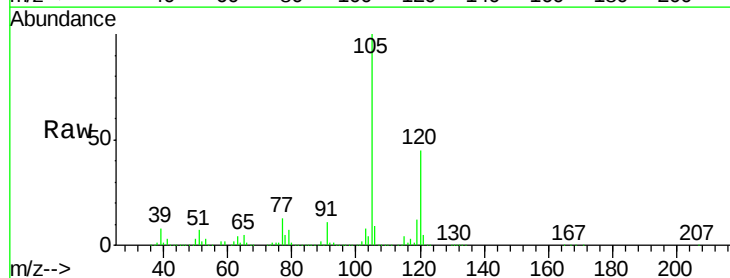
Manual Integrations
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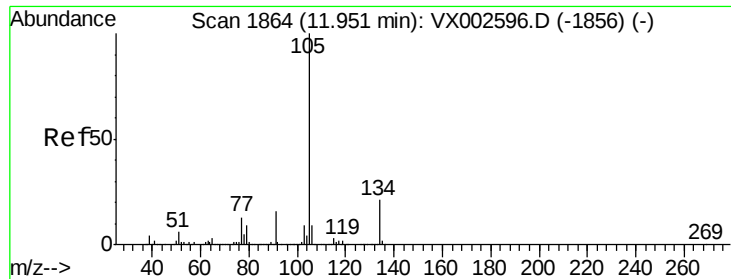
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.00 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	643440		
120	45.6		22.3	66.8





#85

sec-Butylbenzene

Concen: 46.68 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061518

Tot Ion:105 Resp: 734542

Ion Ratio Lower Upper

105 100

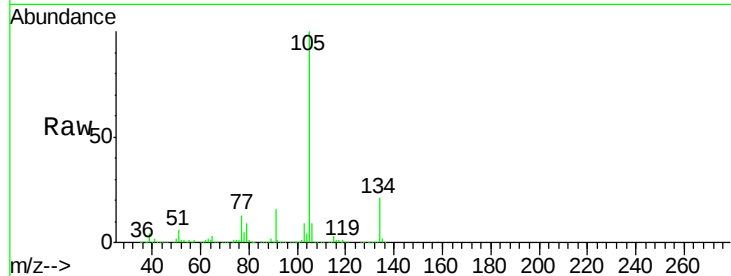
134 21.0 10.4 31.1

Manual Integrations

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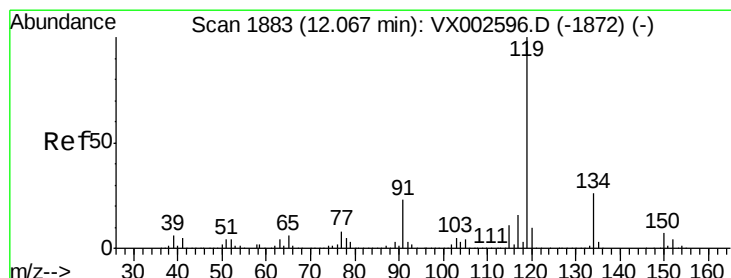
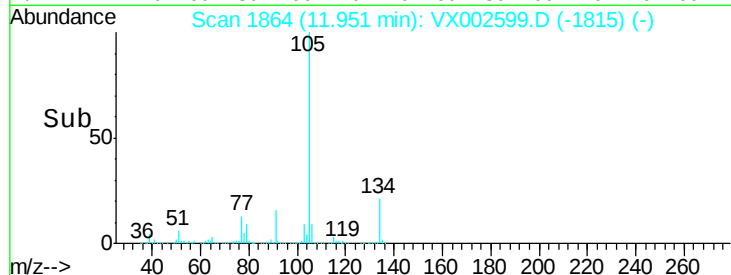
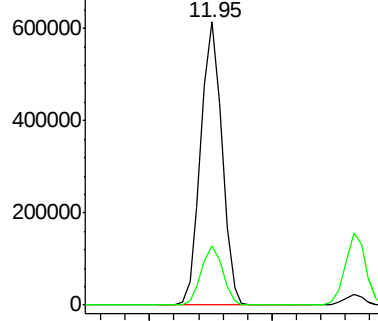
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.72 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

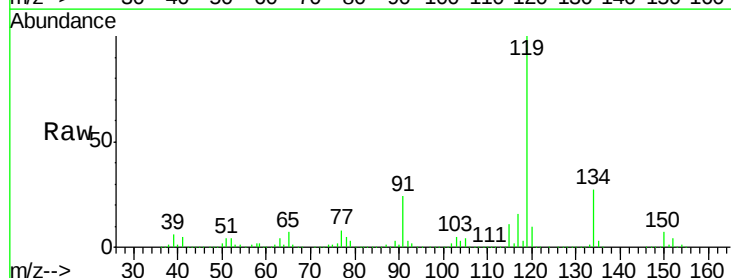
Tgt Ion:119 Resp: 679502

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

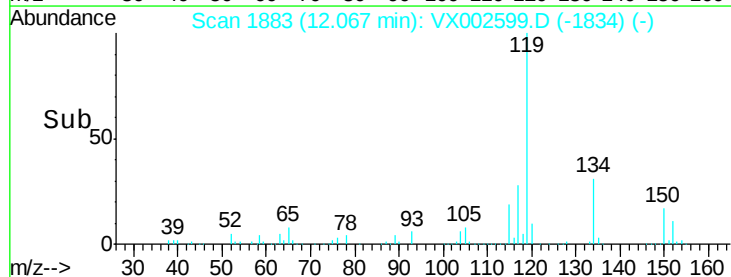
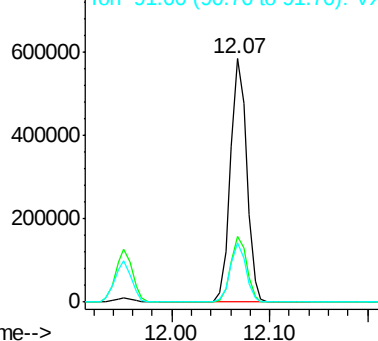
91 23.6 11.9 35.7

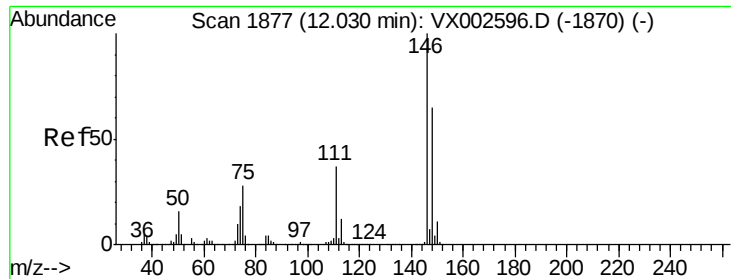


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





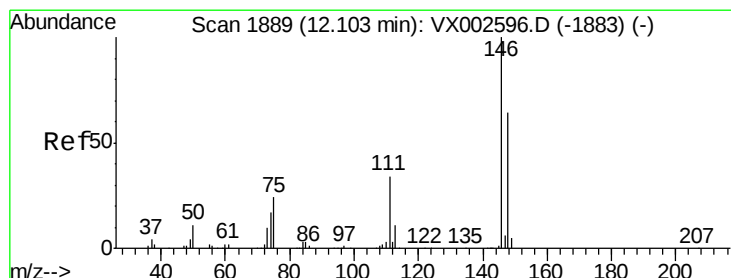
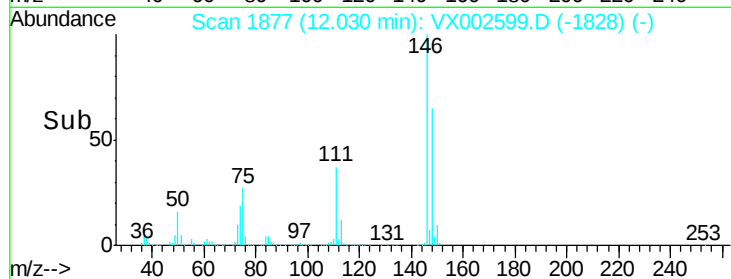
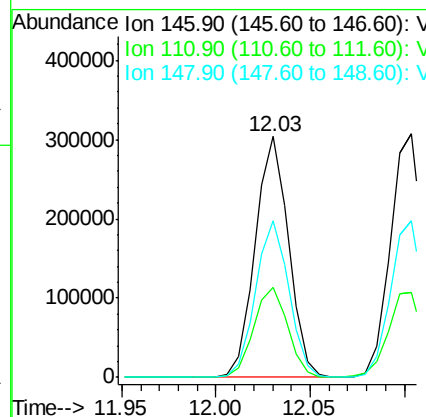
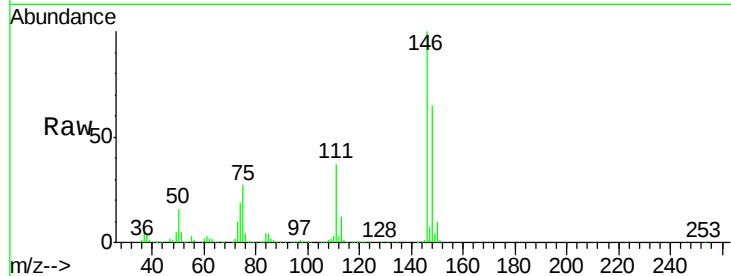
#87
 1,3-Dichlorobenzene
 Concen: 46.98 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061518

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	64.8	32.1	96.3

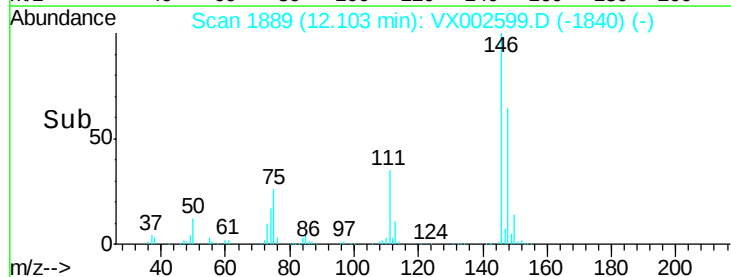
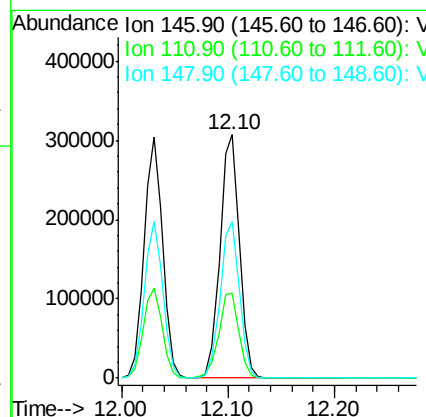
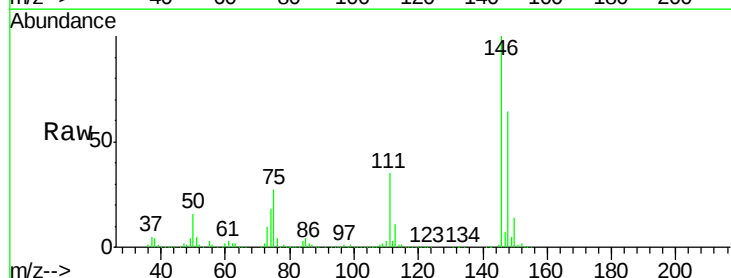
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#88
 1,4-Dichlorobenzene
 Concen: 47.76 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.7	56.1
148	64.1	32.4	97.0





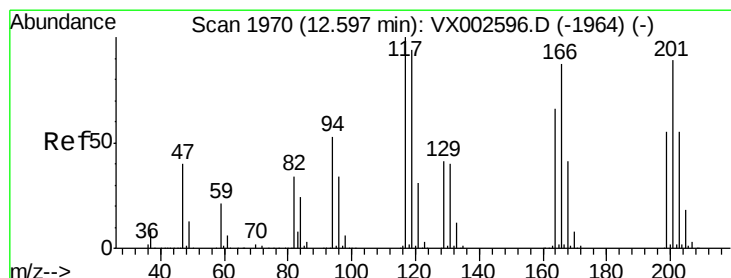
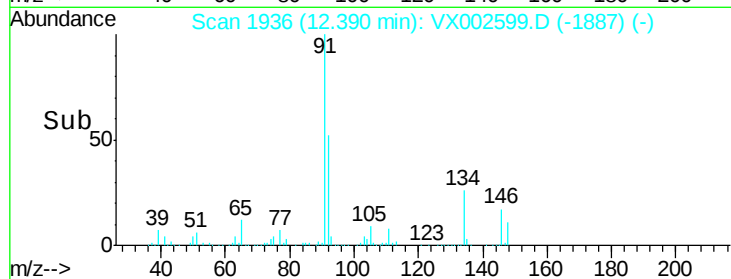
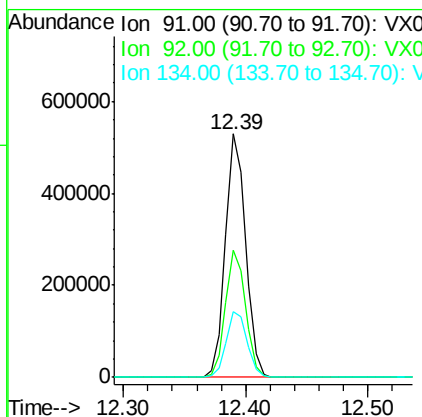
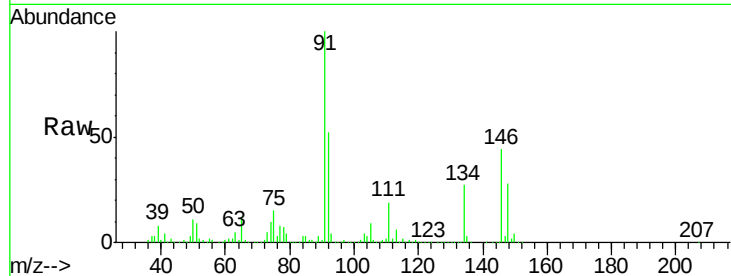
#89
n-Butylbenzene
Concen: 48.07 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	27.6	13.5	40.5

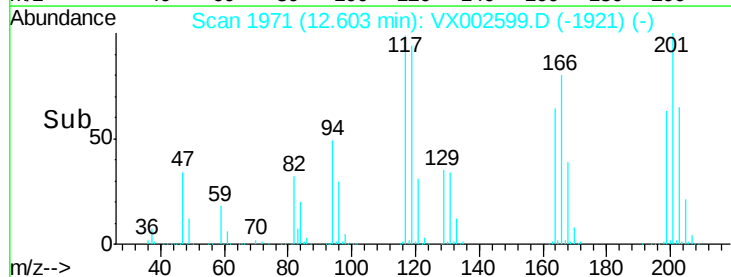
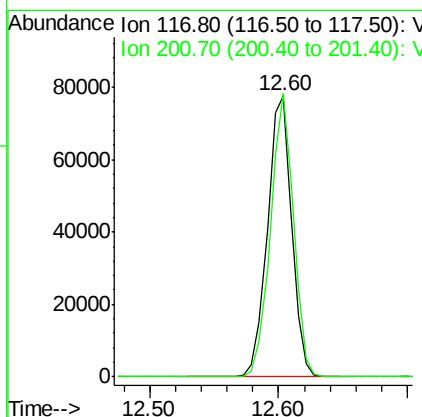
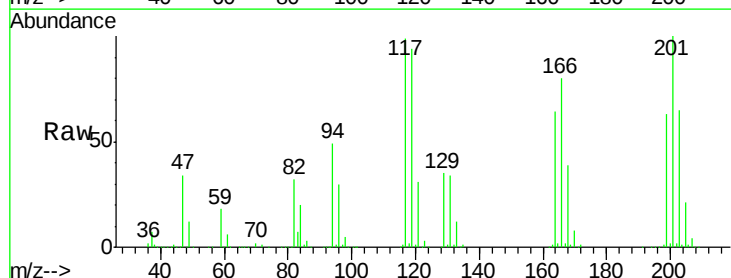
Manual Integrations
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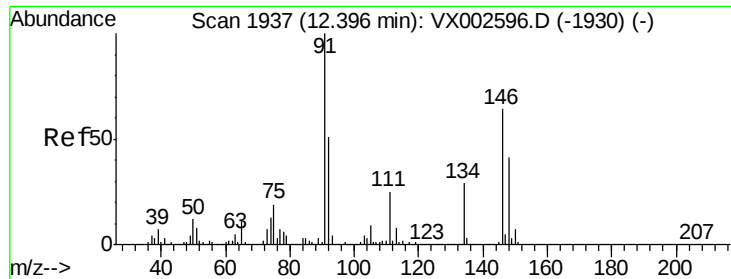
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#90
Hexachloroethane
Concen: 45.86 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.3	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 47.18 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

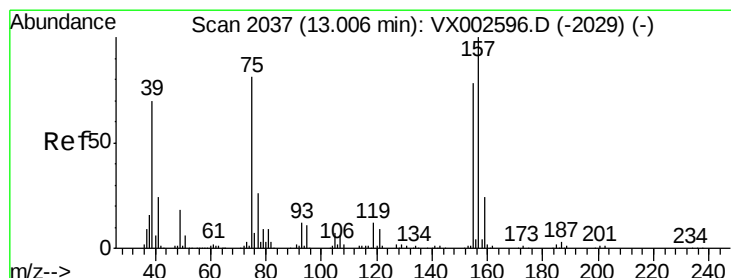
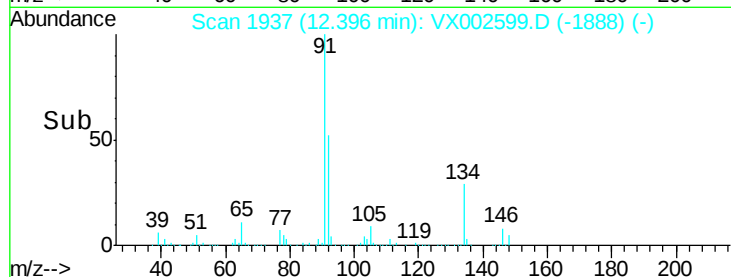
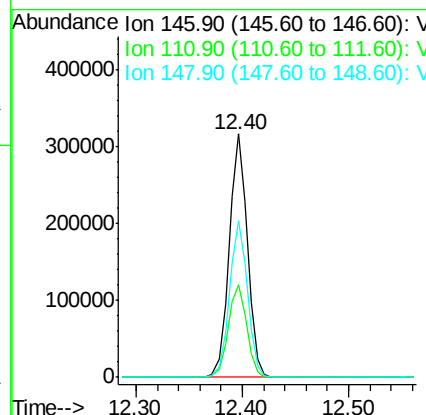
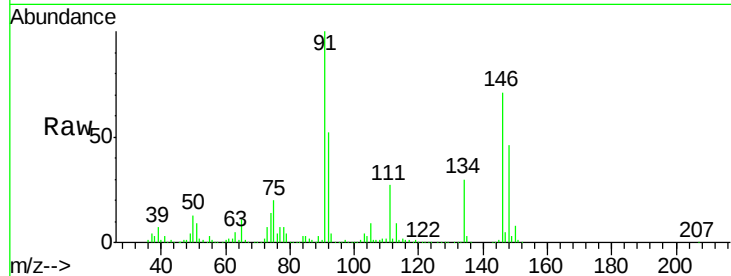
ClientSampleId :

ICVVX061518

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.1
148	63.8	31.7	95.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.68 ug/l

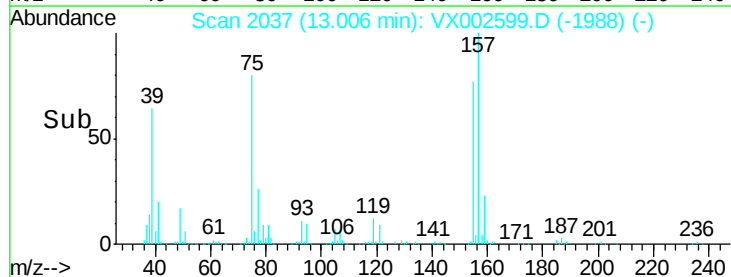
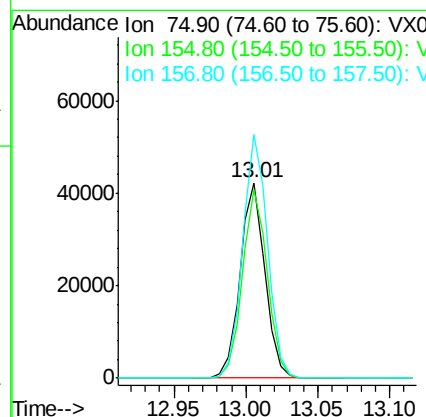
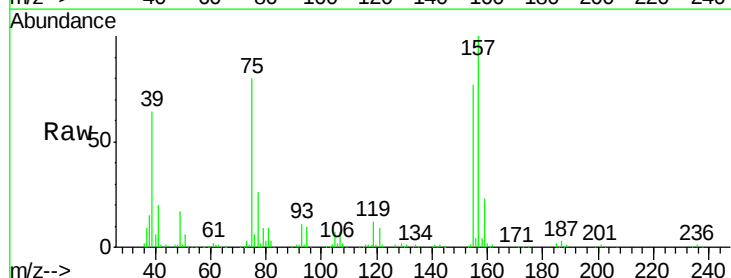
RT: 13.01 min Scan# 2037

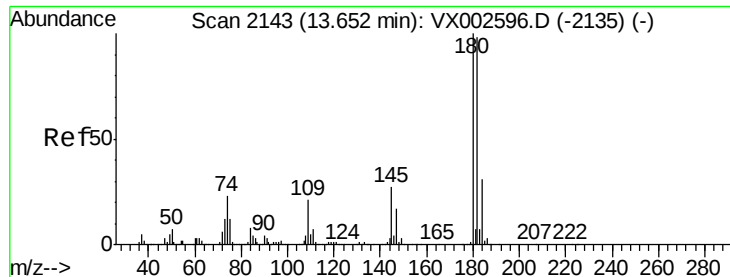
Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	45.8	137.4
157	124.6	60.1	180.3





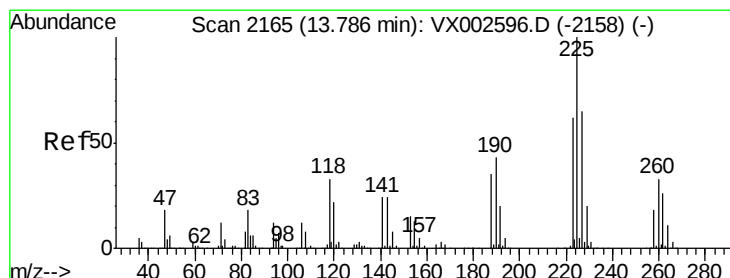
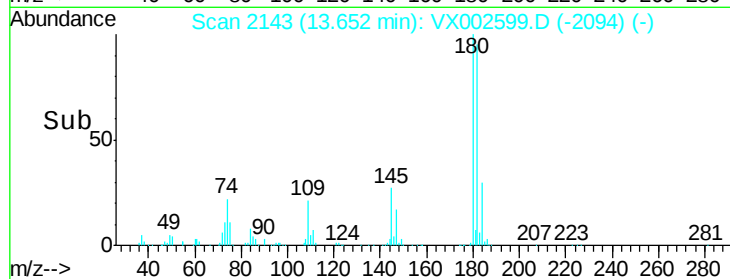
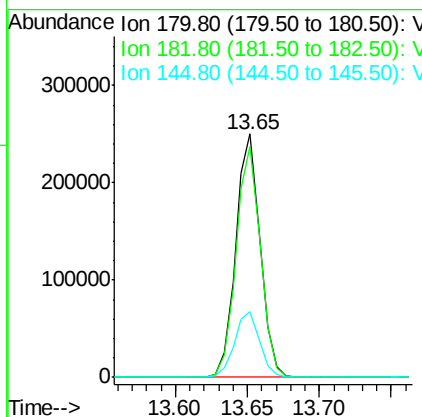
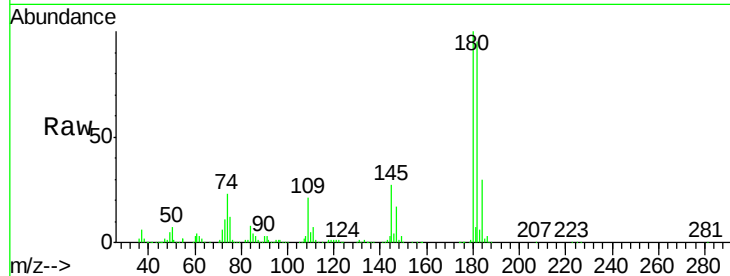
#93
 1,2,4-Trichlorobenzene
 Concen: 50.80 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061518

Tot Ion	Ratio	Resp	Lower	Upper
180	100	294717		
182	95.1	47.7	143.1	
145	27.7	14.1	42.4	

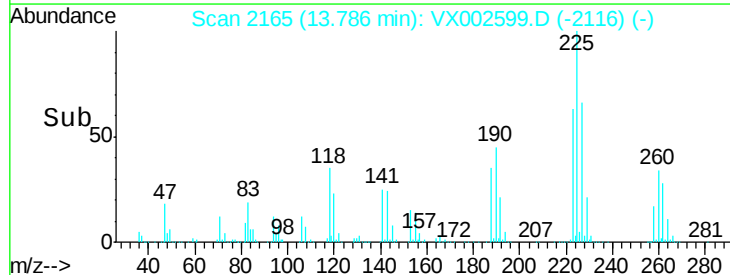
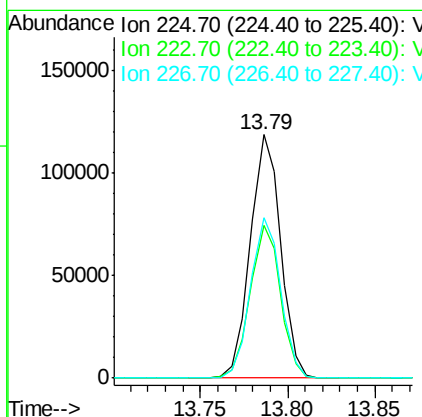
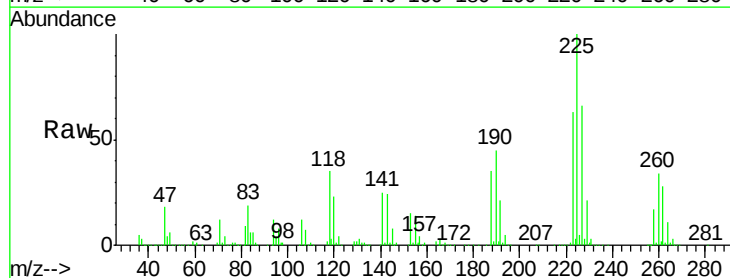
Manual Integrations
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 6/18/2018 5:12:00 PM



#94
 Hexachlorobutadiene
 Concen: 46.76 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	142898		
223	62.8	31.6	95.0	
227	65.4	32.4	97.2	





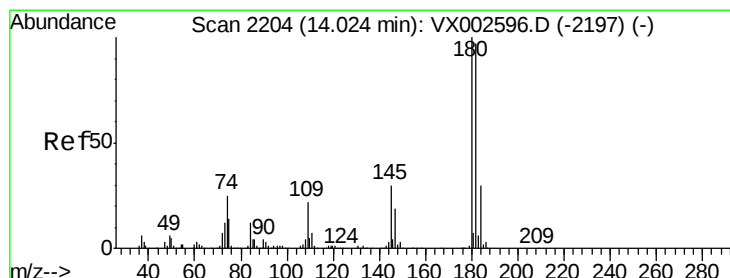
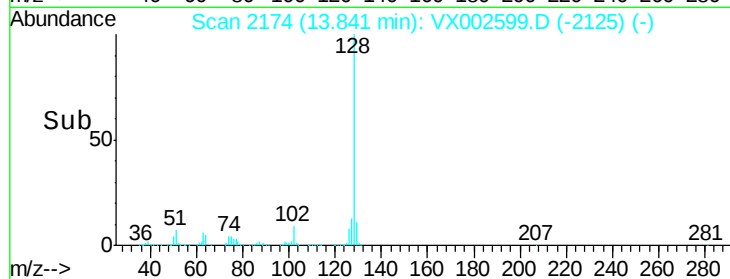
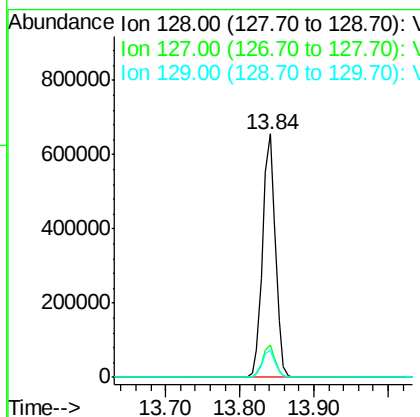
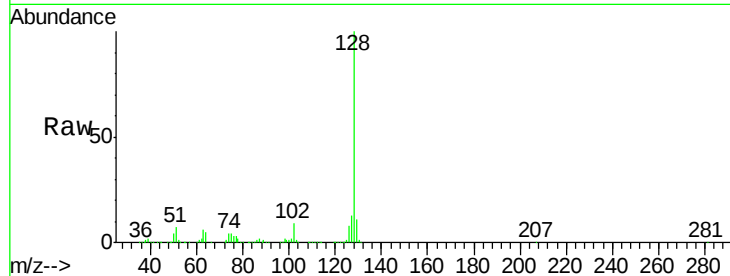
#95
Naphthalene
Concen: 51.01 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061518

Tot Ion	Ratio	Resp	Lower	Upper
128	100	796276		
127	13.2		10.4	15.6
129	11.1		8.6	13.0

Manual Integrations
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6/18/2018 5:12:00 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.12 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	292026		
182	95.1		48.0	144.0
145	29.4		14.8	44.3

