

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
 Data File : VX001576.D
 Acq On : 10 May 2018 01:07
 Operator : JC/MD
 Sample : VX0509MBS02
 Misc : 5.0µ/10mL/100µl/5mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Manual Integrations
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 5/10/2018 1:52:01 PM

Quant Time: May 10 05:15:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	292476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153939	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	5.51	113	123466	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.72	98	437267	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
62) 4-Bromofluorobenzene	11.14	95	162704	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63042	21.44	ug/l	98
3) Chloromethane	1.32	50	58829	20.54	ug/l	98
4) Vinyl Chloride	1.40	62	64360	21.53	ug/l	99
5) Bromomethane	1.64	94	35890	24.48	ug/l	98
6) Chloroethane	1.72	64	45228	22.89	ug/l	100
7) Trichlorofluoromethane	1.93	101	101276	22.52	ug/l	98
8) Diethyl Ether	2.19	74	39604	22.46	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57419	21.78	ug/l	99
10) Methyl Iodide	2.51	142	60318	15.85	ug/l	99
11) Tert butyl alcohol	3.08	59	77224	116.67	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53259	22.04	ug/l	96
13) Acrolein	2.30	56	12297	86.61	ug/l	96
14) Allyl chloride	2.73	41	98336	21.82	ug/l	99
15) Acrylonitrile	3.15	53	170618	114.07	ug/l	99
16) Acetone	2.45	43	153343	107.57	ug/l	100
17) Carbon Disulfide	2.57	76	123878	20.14	ug/l	97
18) Methyl Acetate	2.78	43	91871	24.53	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	192455	22.87	ug/l	100
20) Methylene Chloride	2.86	84	64560	22.87	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	57210	21.21	ug/l	96
22) Diisopropyl ether	3.88	45	183189	21.76	ug/l	99
23) Vinyl Acetate	3.83	43	747335	106.50	ug/l	100
24) 1,1-Dichloroethane	3.70	63	100450	21.36	ug/l	100
25) 2-Butanone	4.71	43	226163	109.75	ug/l	96
26) 2,2-Dichloropropane	4.59	77	59534	16.39	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	63094	21.96	ug/l	96
28) Bromochloromethane	5.03	49	48255	23.66	ug/l	97
29) Tetrahydrofuran	5.17	42	144855	109.87	ug/l	100
30) Chloroform	5.22	83	110202	22.75	ug/l	99
31) Cyclohexane	5.57	56	83959	20.78	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	96863	22.88	ug/l	99
36) 1,1-Dichloropropene	5.81	75	75654	20.34	ug/l	100
37) Ethyl Acetate	4.87	43	86524	21.22	ug/l	100
38) Carbon Tetrachloride	5.79	117	86703	21.85	ug/l	99

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85025	19.33	ug/l	97
40) Benzene	6.15	78	232883	21.43	ug/l	99
41) Methacrylonitrile	5.07	41	49484	21.21	ug/l	99
42) 1,2-Dichloroethane	6.20	62	94043	22.52	ug/l	99
43) Isopropyl Acetate	6.48	43	132640	21.19	ug/l	100
44) Trichloroethene	7.22	130	71202	21.44	ug/l	99
45) 1,2-Dichloropropane	7.52	63	59934	22.12	ug/l	100
46) Dibromomethane	7.67	93	41710	21.75	ug/l	98
47) Bromodichloromethane	7.90	83	78145	22.02	ug/l	99
48) Methyl methacrylate	7.78	41	71697	21.03	ug/l	99
49) 1,4-Dioxane	7.76	88	31108	422.37	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	461219	110.86	ug/l	98
52) Toluene	8.79	92	153336	21.58	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	84265	21.01	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	74562	19.43	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	62578	21.86	ug/l	97
56) Ethyl methacrylate	9.19	69	83906	20.33	ug/l	99
57) 1,3-Dichloropropane	9.38	76	102973	21.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	222388	109.88	ug/l	98
59) 2-Hexanone	9.51	43	341529	107.21	ug/l	99
60) Dibromochloromethane	9.59	129	62709	21.39	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65191	21.69	ug/l	99
64) Tetrachloroethene	9.34	164	86617	22.34	ug/l	97
65) Chlorobenzene	10.15	112	173786	21.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64671	22.17	ug/l	100
67) Ethyl Benzene	10.26	91	279466	20.90	ug/l	100
68) m/p-Xylenes	10.37	106	223913	42.39	ug/l	100
69) o-Xylene	10.71	106	109812	21.39	ug/l	100
70) Styrene	10.72	104	179748	21.55	ug/l	99
71) Bromoform	10.86	173	49277	19.88	ug/l	100
73) Isopropylbenzene	11.02	105	295448	22.13	ug/l	100
74) N-amyl acetate	6.48	43	132640	21.87	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	86970	22.05	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86539m	22.12	ug/l	
77) Bromobenzene	11.26	156	84302	21.72	ug/l	99
78) n-propylbenzene	11.37	91	319413	21.97	ug/l	99
79) 2-Chlorotoluene	11.43	91	198521	22.19	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	245235	22.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18312	17.93	ug/l	87
82) 4-Chlorotoluene	11.52	91	226554	21.95	ug/l	100
83) tert-Butylbenzene	11.77	119	236514	21.38	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	254801	22.30	ug/l	99
85) sec-Butylbenzene	11.95	105	290453	21.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	267521	21.96	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148536	21.40	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150629	21.28	ug/l	99
89) n-Butylbenzene	12.40	91	205579	20.37	ug/l	99
90) Hexachloroethane	12.60	117	38663	21.08	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	152648	21.62	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19428	22.42	ug/l	95

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ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

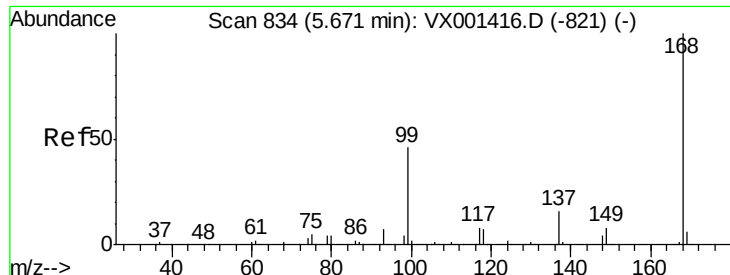
Manual Integrations
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5/10/2018 1:52:01 PM

Quant Time: May 10 05:15:13 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105107	20.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	57258	20.26	ug/l	99
95) Naphthalene	13.84	128	310262	21.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	114611	21.62	ug/l	99

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



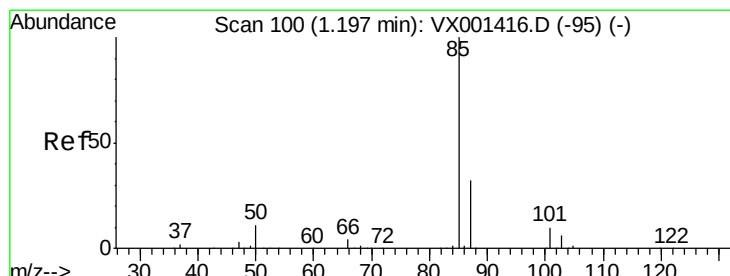
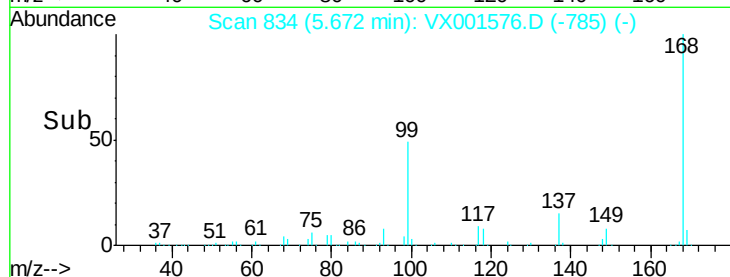
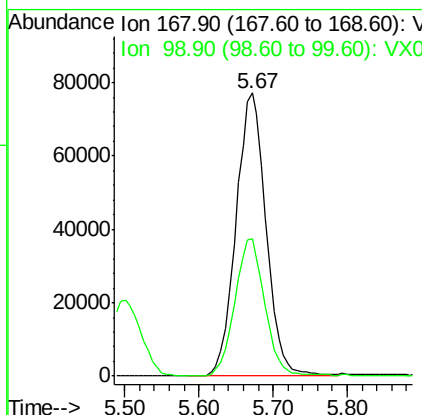
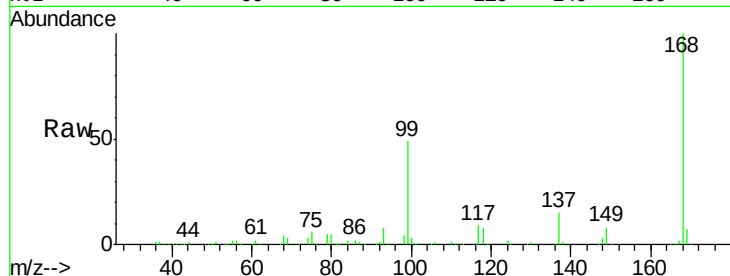
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampled :
VX0509MBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.7	36.6	54.8

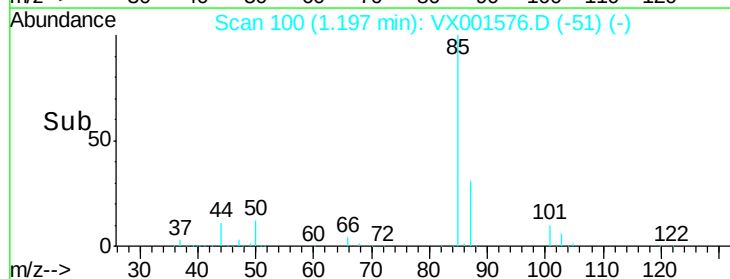
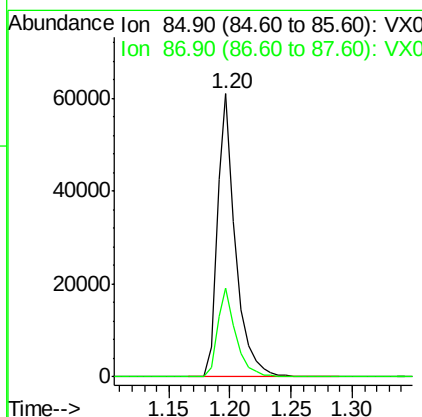
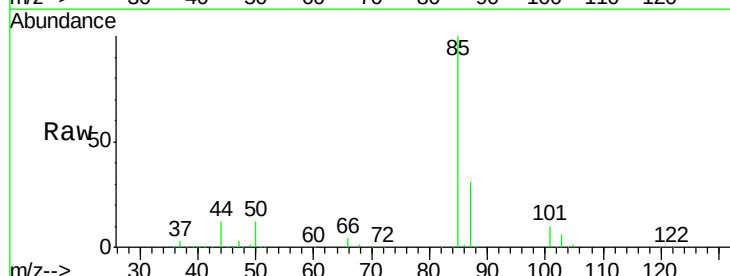
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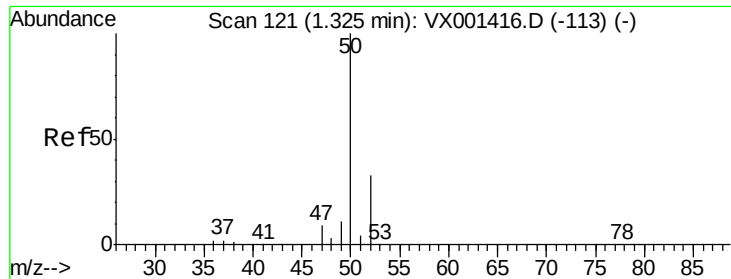
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#2
Dichlorodifluoromethane
Concen: 21.44 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.2	48.6





#3

Chloromethane

Concen: 20.54 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBS02

Tot Ion: 50 Resp: 58829

Ion Ratio Lower Upper

50 100

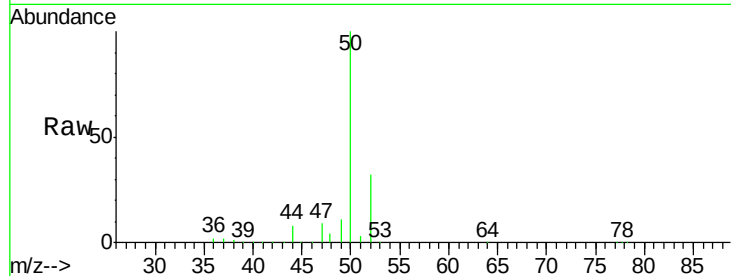
52 31.7 26.2 39.4

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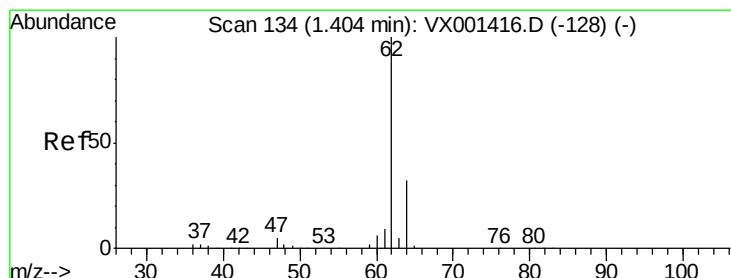
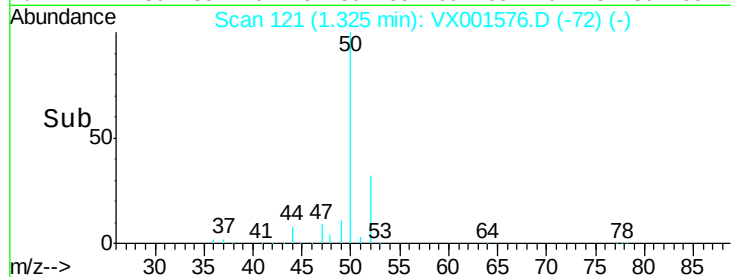
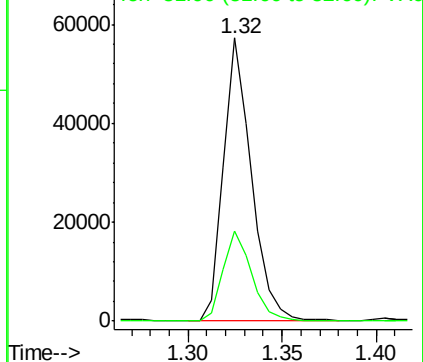
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.53 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001576.D

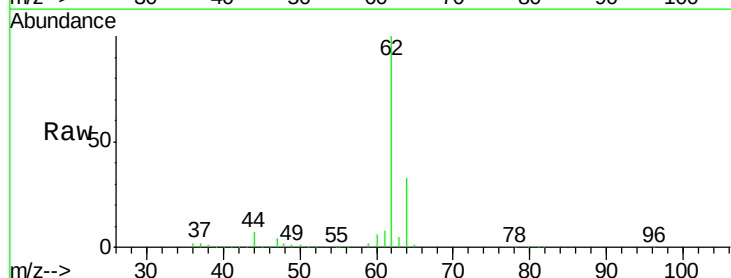
Acq: 10 May 2018 01:07

Tgt Ion: 62 Resp: 64360

Ion Ratio Lower Upper

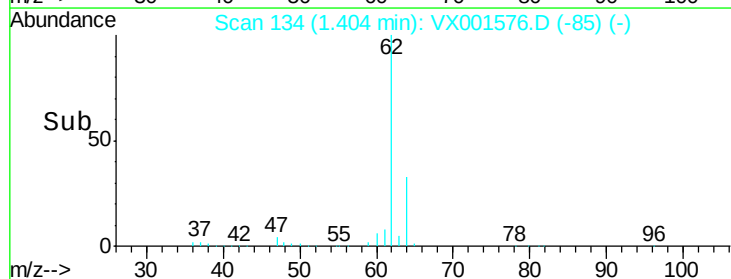
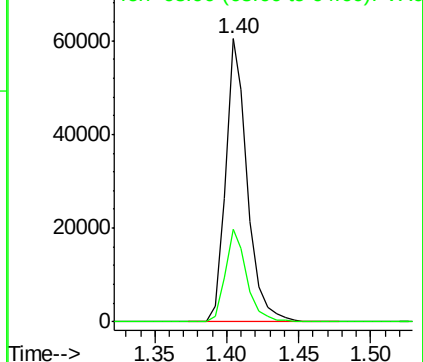
62 100

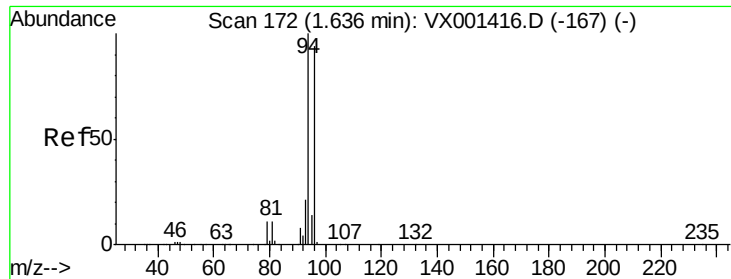
64 32.7 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.48 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBS02

Tot Ion: 94 Resp: 35890

Ion Ratio Lower Upper

94 100

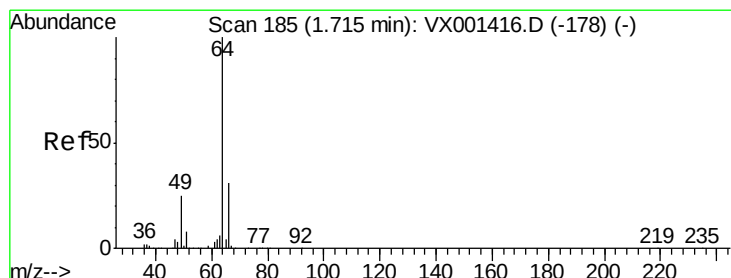
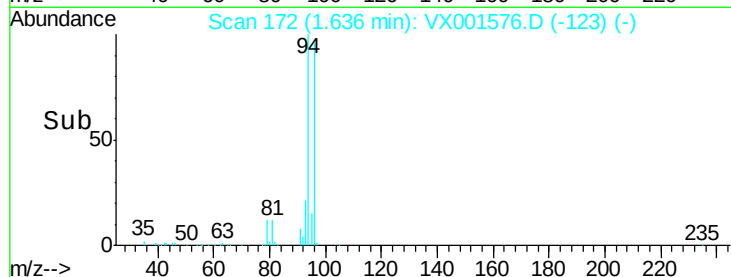
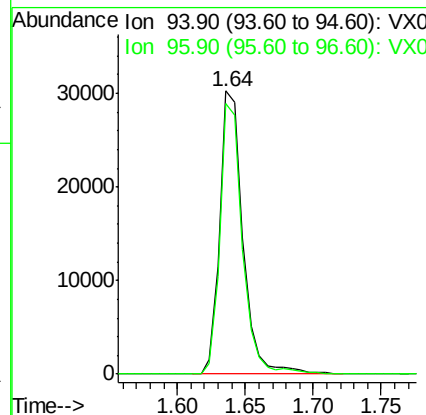
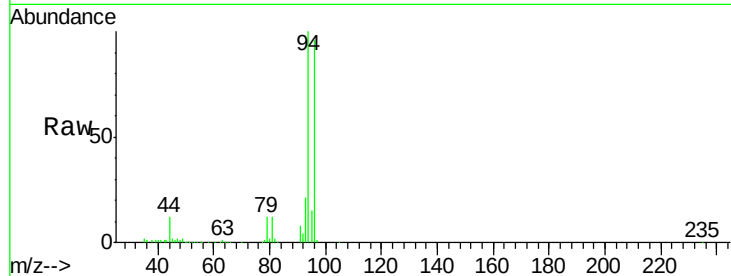
96 95.6 75.0 112.6

Manual Integrations

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#6

Chloroethane

Concen: 22.89 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001576.D

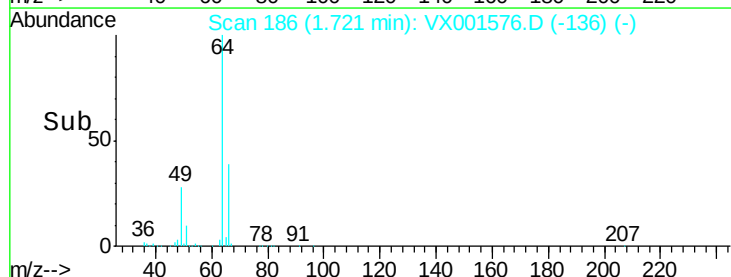
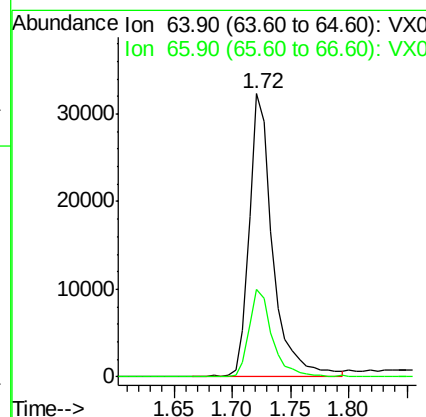
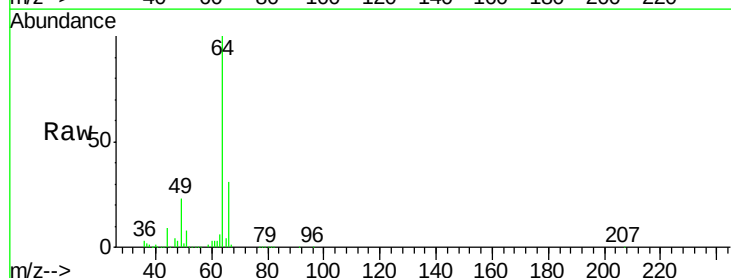
Acq: 10 May 2018 01:07

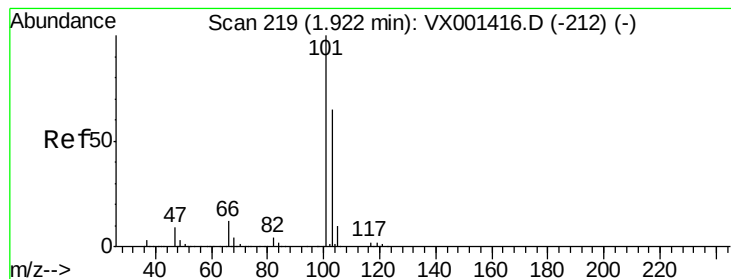
Tgt Ion: 64 Resp: 45228

Ion Ratio Lower Upper

64 100

66 31.1 25.1 37.7





#7

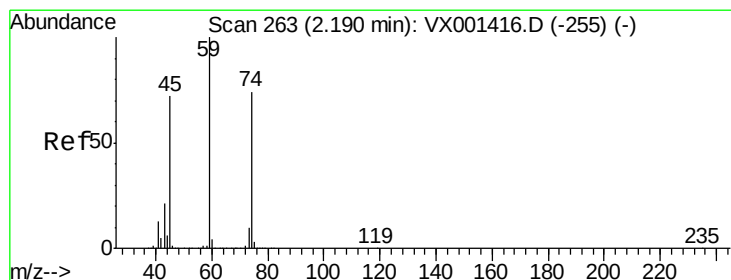
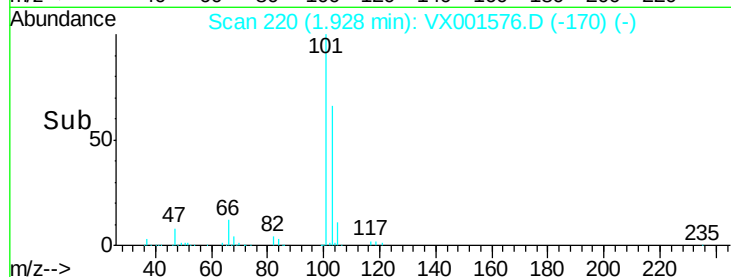
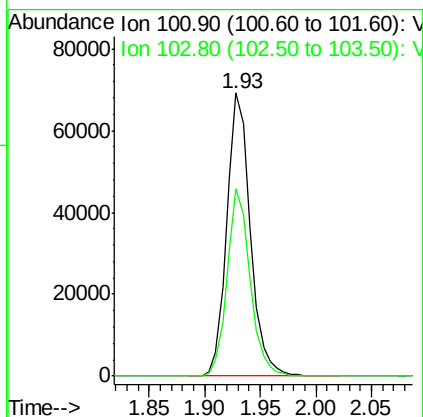
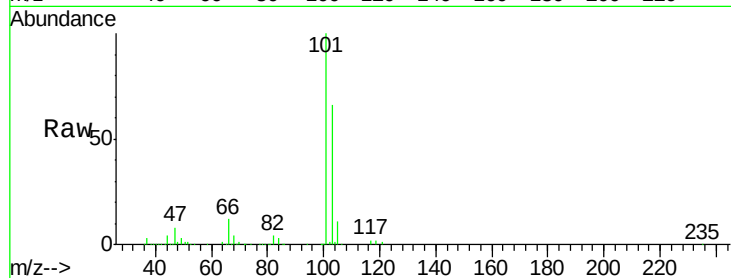
Trichlorofluoromethane
 Concen: 22.52 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	101276		
103	66.2	52.0	78.0	

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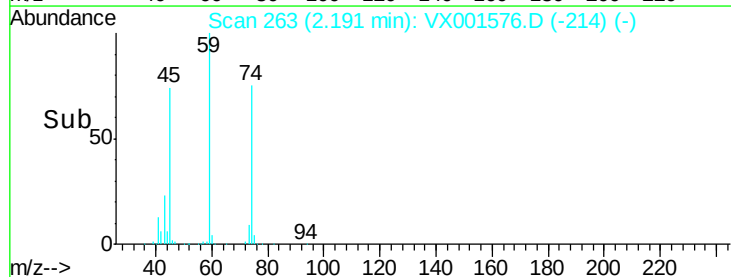
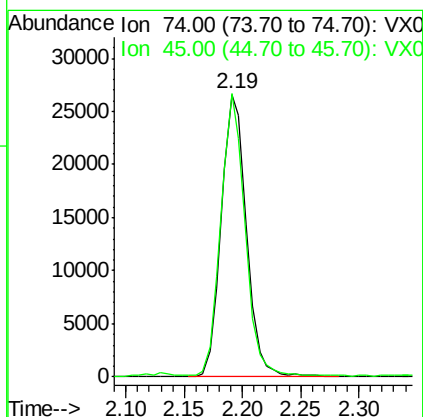
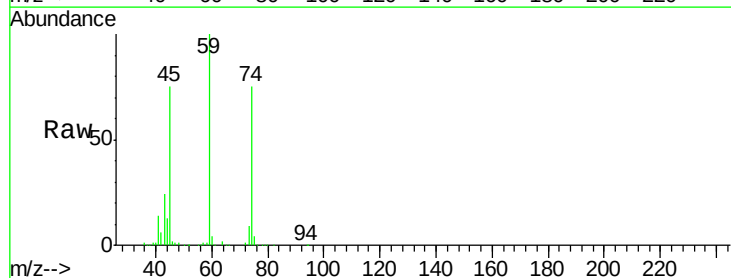
MMDadoda
 5/10/2018 1:52:01 PM

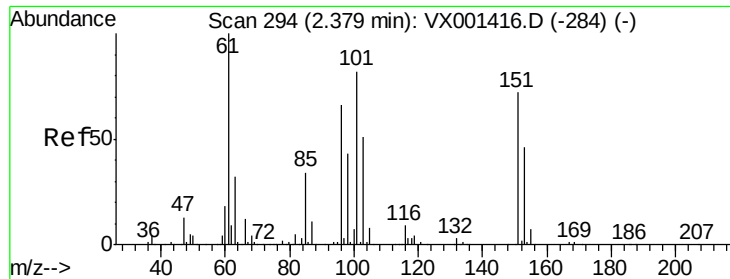


#8

Diethyl Ether
 Concen: 22.46 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	39604		
45	96.7	47.9	143.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.78 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

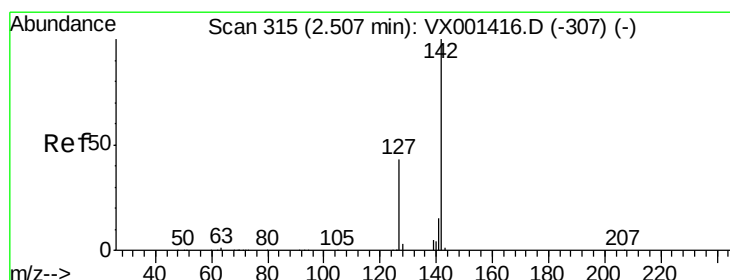
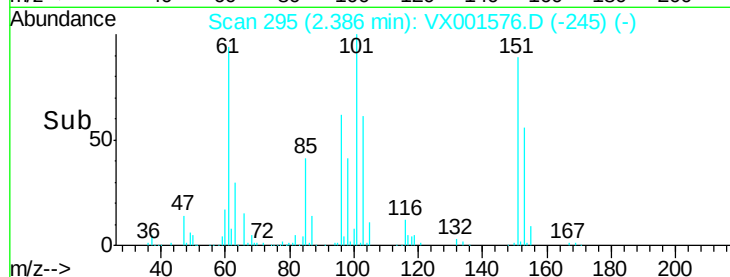
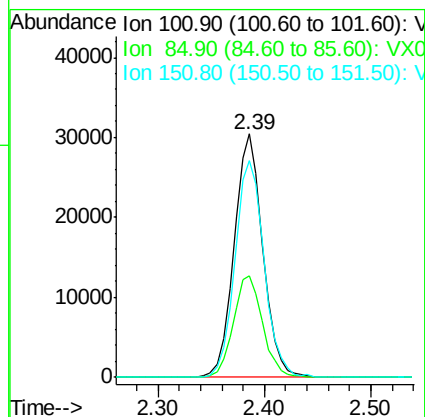
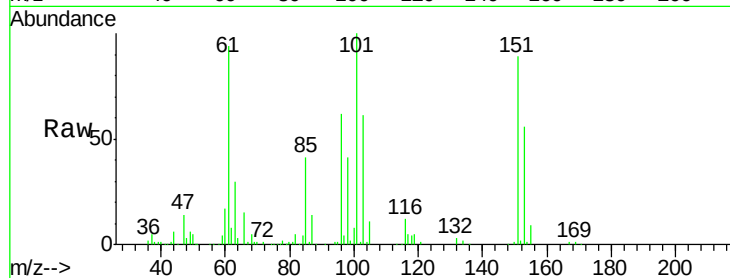
ClientSampleId :

VX0509MBS02

Tot Ion:	101	Resp:	57419
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.7	50.5
151	90.9	72.3	108.5

Manual Integrations
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#10

Methyl Iodide

Concen: 15.85 ug/l

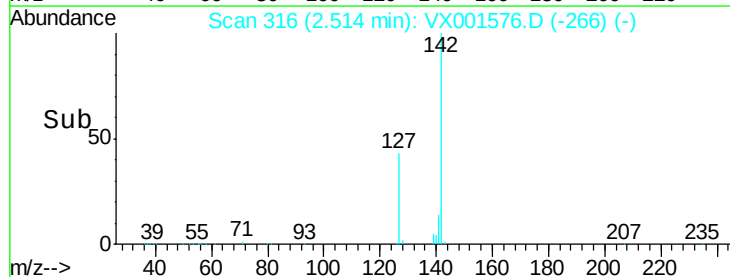
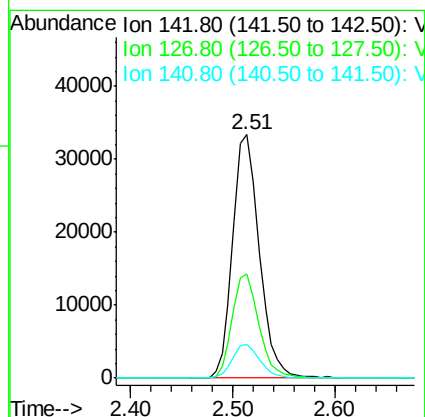
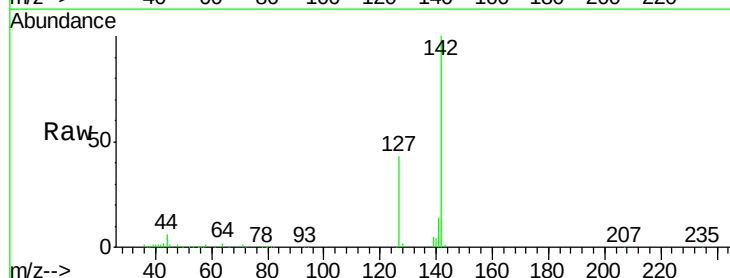
RT: 2.51 min Scan# 316

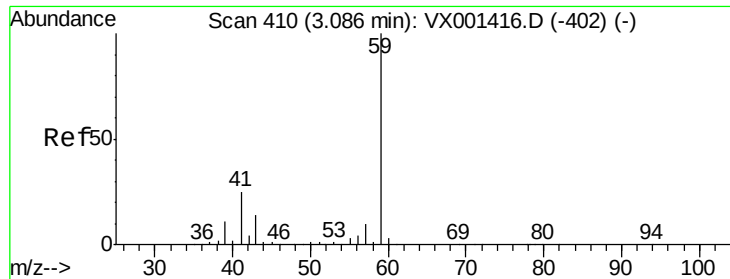
Delta R.T. 0.01 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Tgt Ion:	142	Resp:	60318
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.6	50.4
141	14.2	11.4	17.2





#11

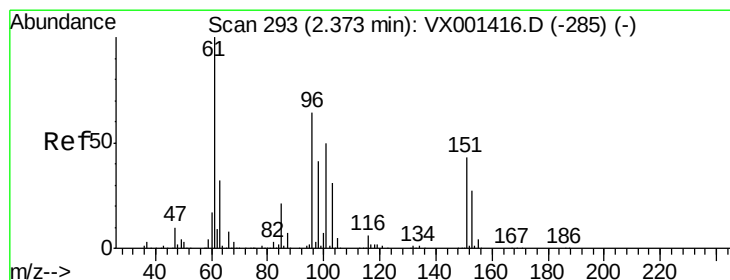
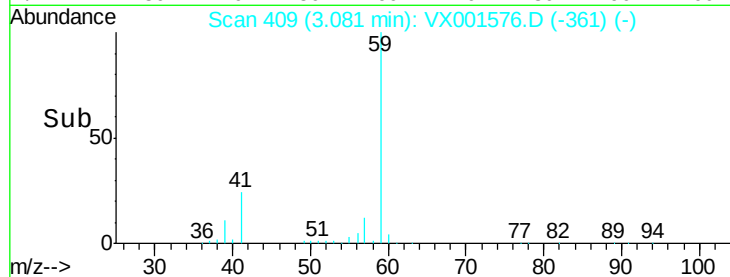
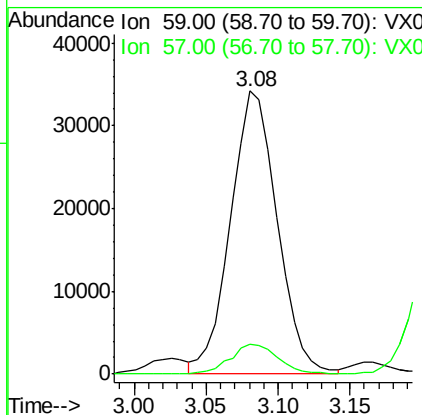
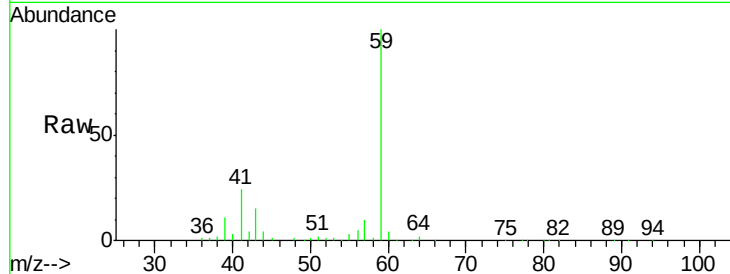
Tert butyl alcohol
 Concen: 116.67 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.2	12.4

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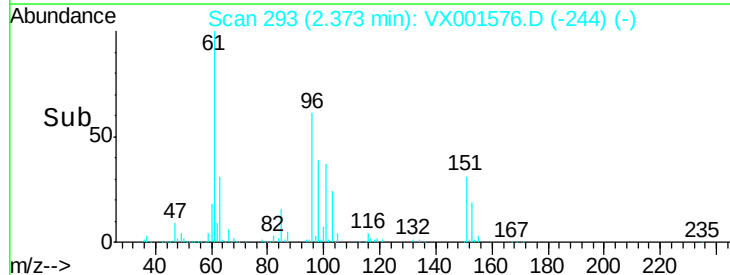
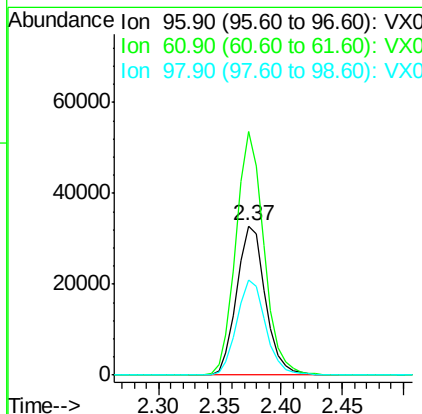
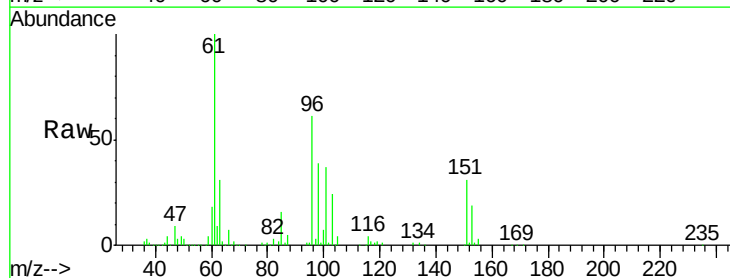
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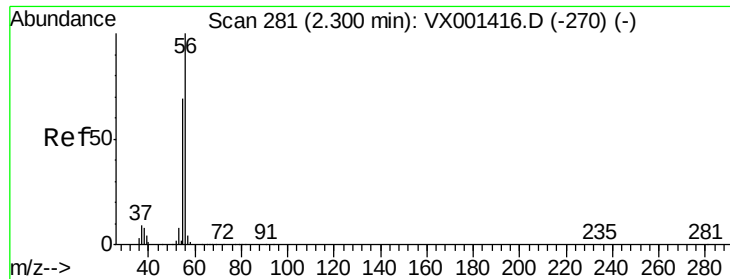


#12

1,1-Dichloroethene
 Concen: 22.04 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.3	125.7	188.5
98	64.0	52.0	78.0





#13

Acrolein

Concen: 86.61 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBS02

Tot Ion: 56 Resp: 12297

Ion Ratio Lower Upper

56 100

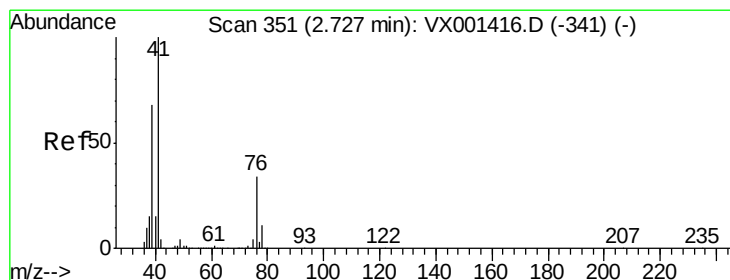
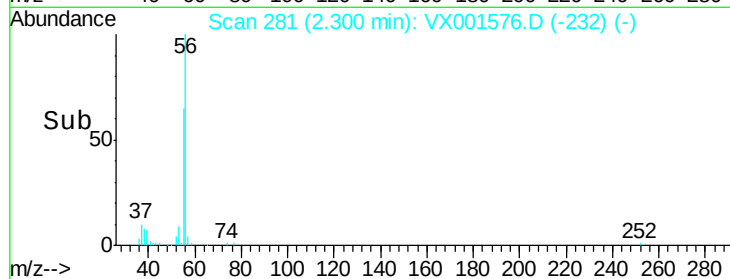
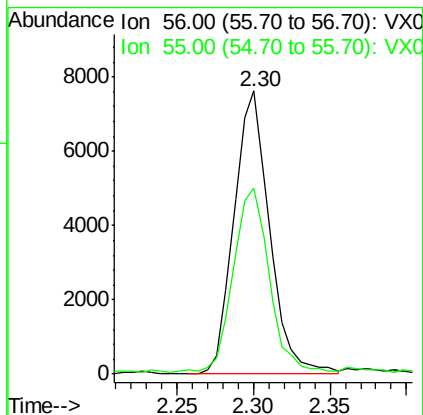
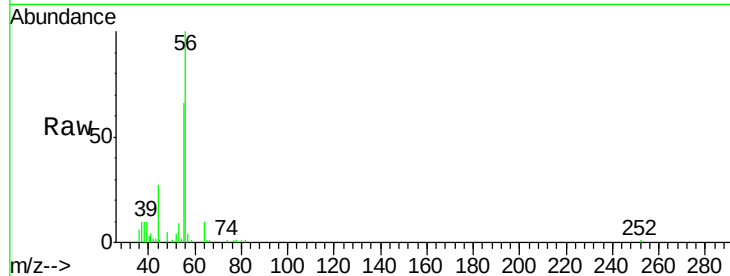
55 64.6 54.5 81.7

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#14

Allyl chloride

Concen: 21.82 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

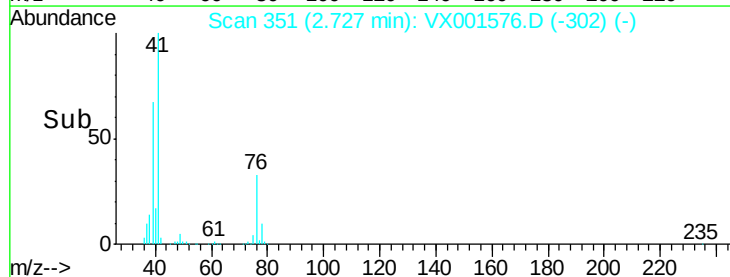
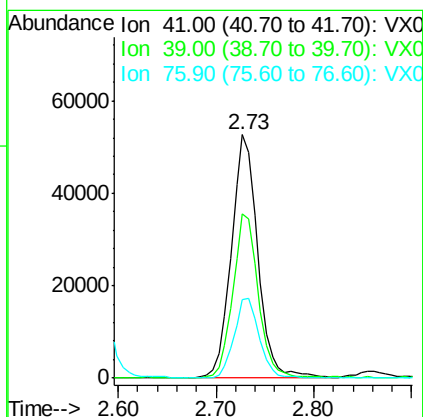
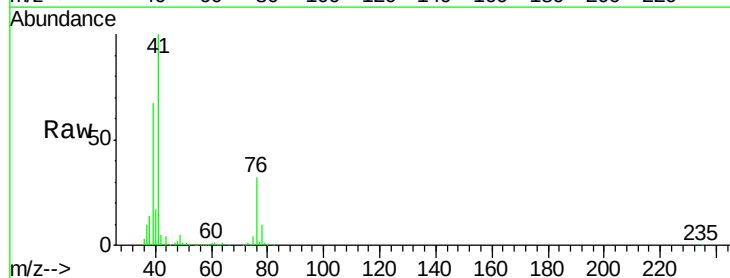
Tgt Ion: 41 Resp: 98336

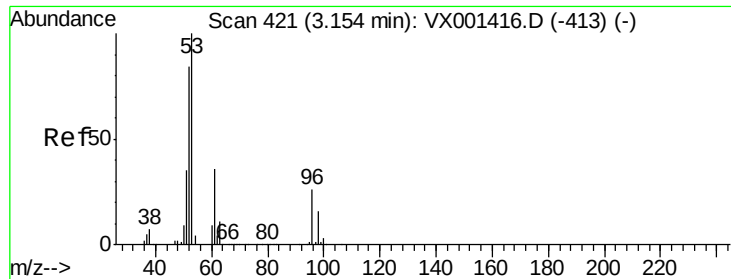
Ion Ratio Lower Upper

41 100

39 64.7 52.4 78.6

76 31.5 25.8 38.6





#15

Acrylonitrile

Concen: 114.07 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

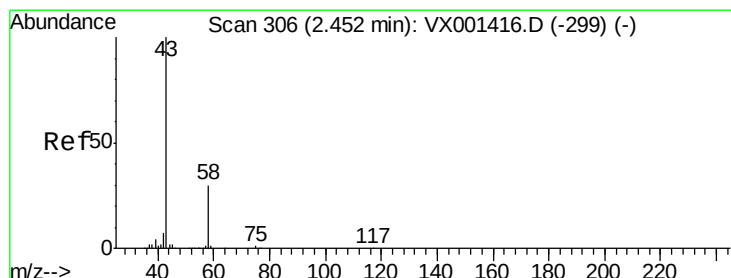
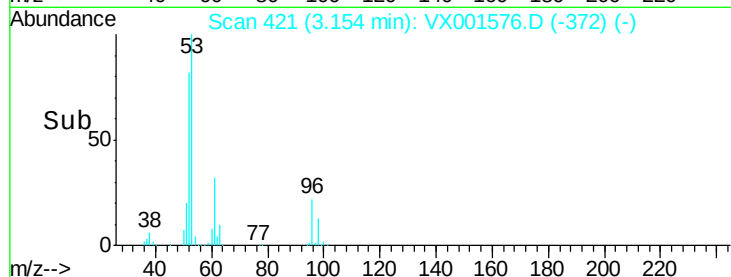
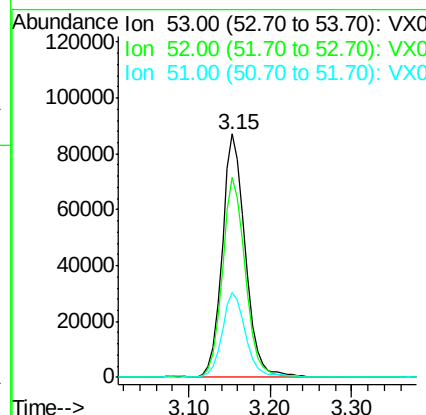
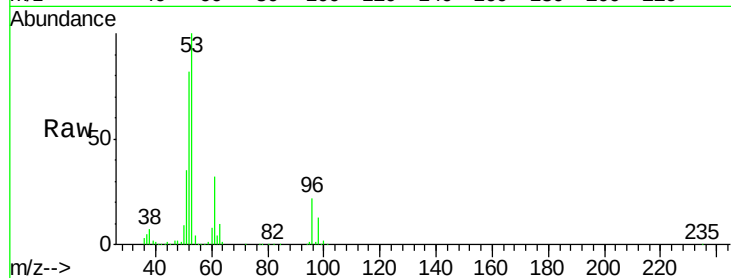
ClientSampleId :

VX0509MBS02

Tot Ion:	53	Resp:	170618
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.2	99.2
51	35.6	28.6	43.0

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#16

Acetone

Concen: 107.57 ug/l

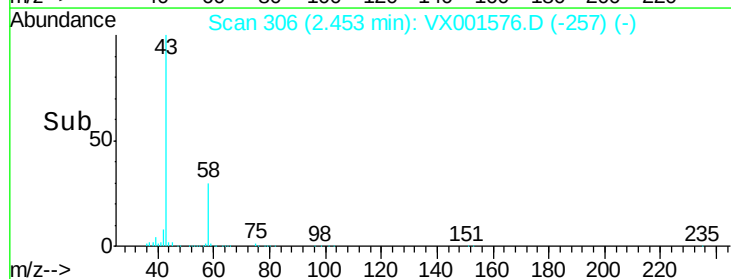
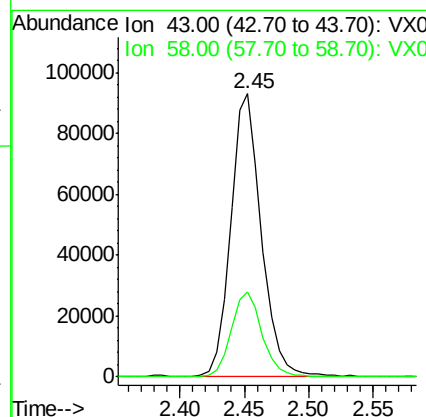
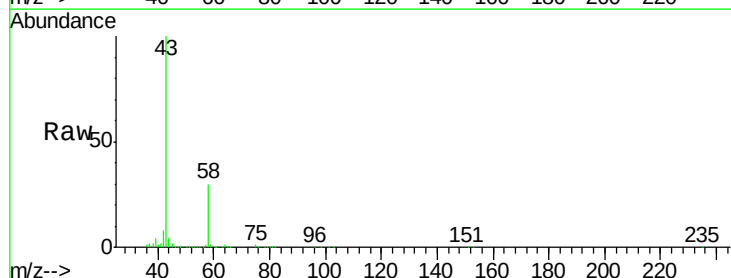
RT: 2.45 min Scan# 306

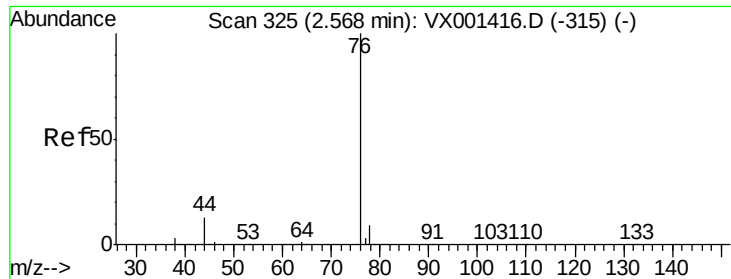
Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Tgt Ion:	43	Resp:	153343
Ion Ratio	Lower	Upper	
43	100		
58	29.9	23.8	35.8





#17

Carbon Disulfide

Concen: 20.14 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBS02

Tot Ion: 76 Resp: 123878

Ion Ratio Lower Upper

76 100

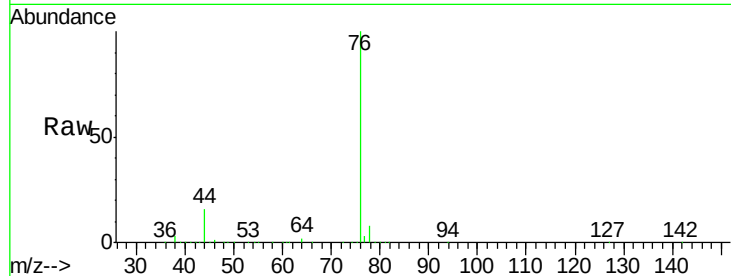
78 8.3 7.4 11.2

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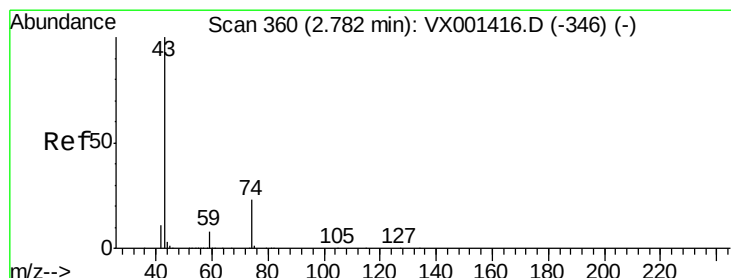
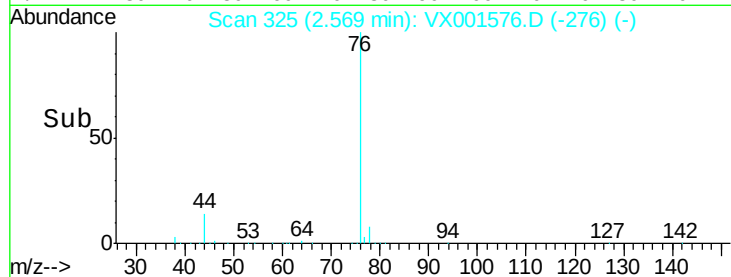
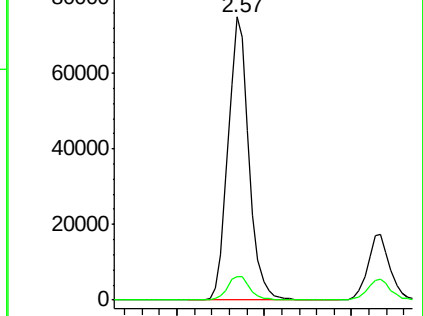
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.53 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001576.D

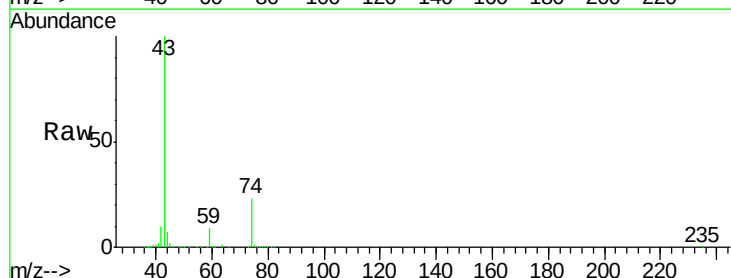
Acq: 10 May 2018 01:07

Tgt Ion: 43 Resp: 91871

Ion Ratio Lower Upper

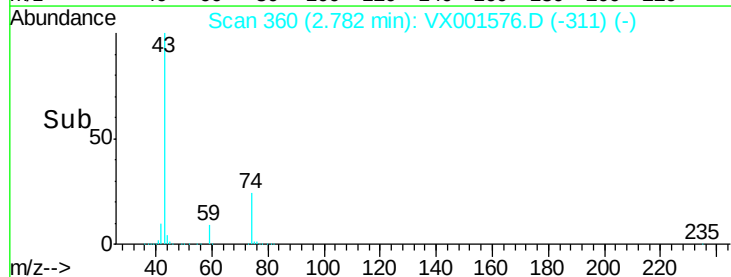
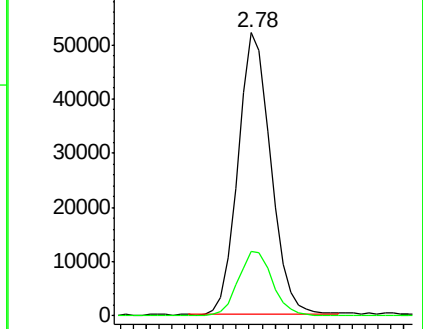
43 100

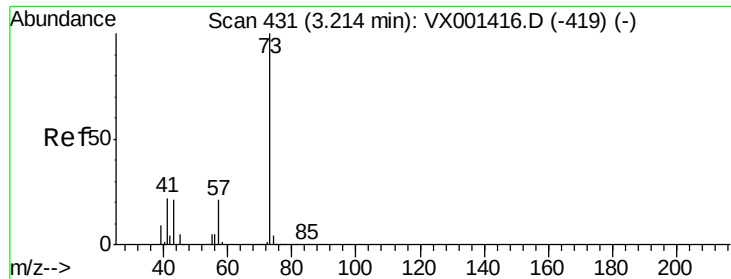
74 24.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





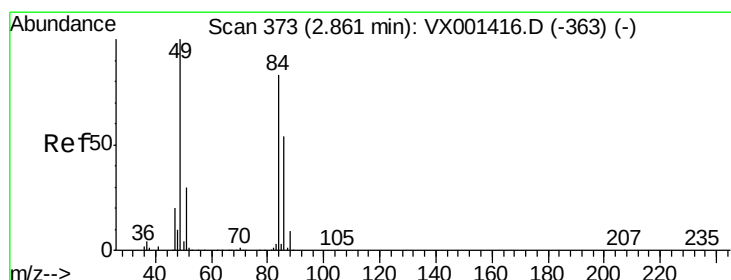
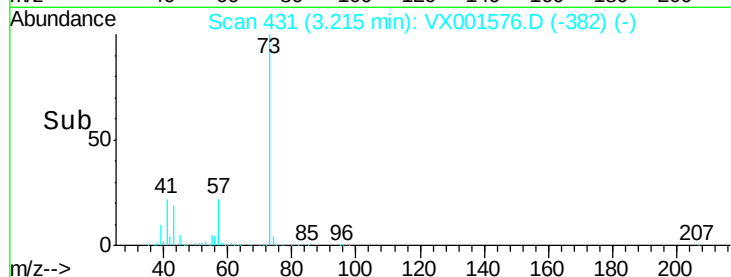
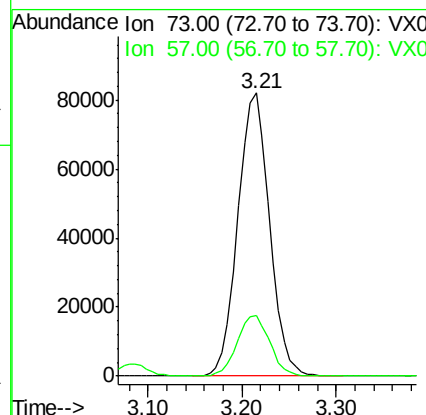
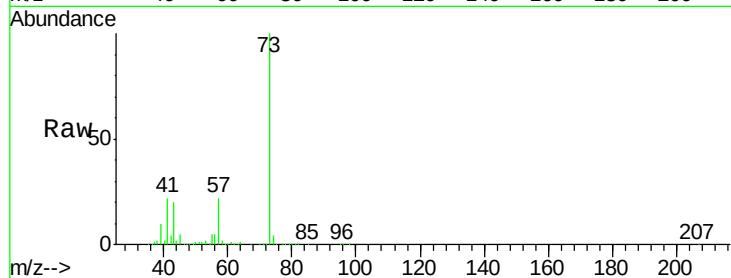
#19
Methyl tert-butyl Ether
Concen: 22.87 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.0	25.6

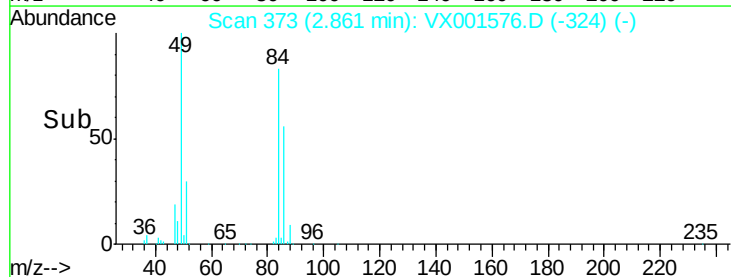
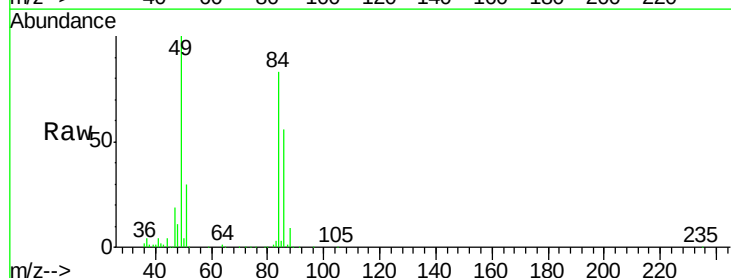
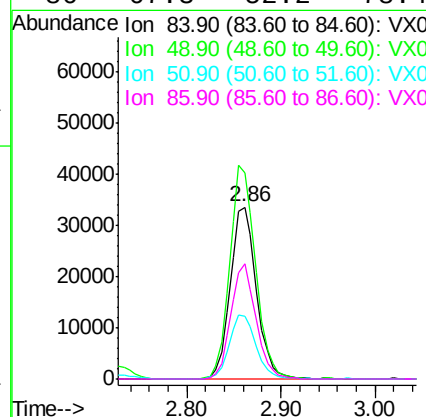
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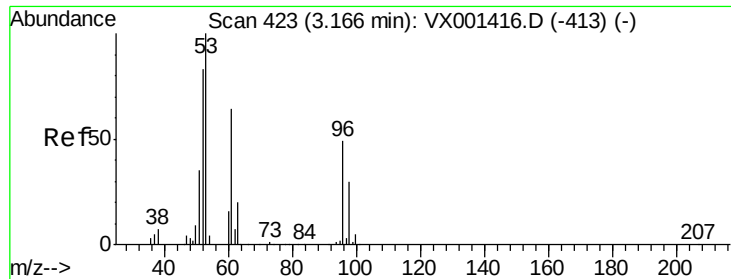
MMDadoda
5/10/2018 1:52:01 PM



#20
Methylene Chloride
Concen: 22.87 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.9	96.6	144.8
51	36.5	29.0	43.4
86	67.3	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 21.21 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

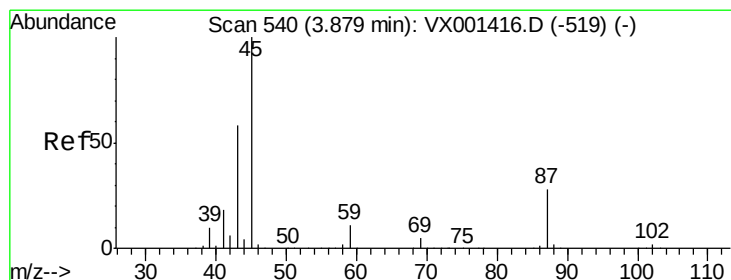
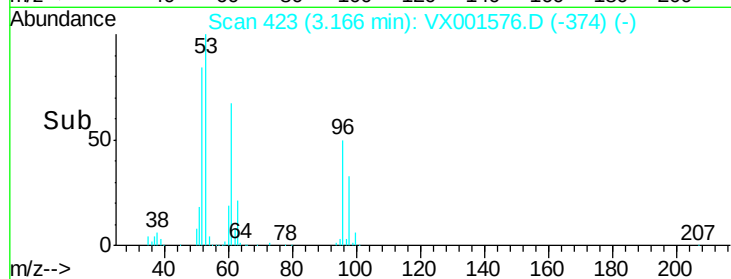
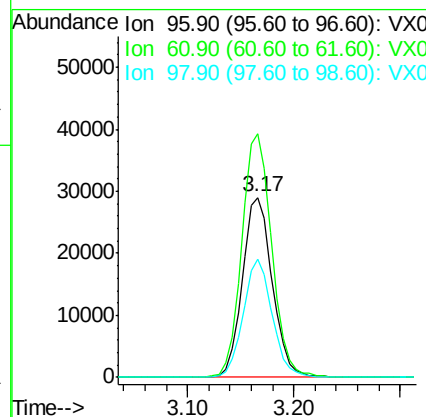
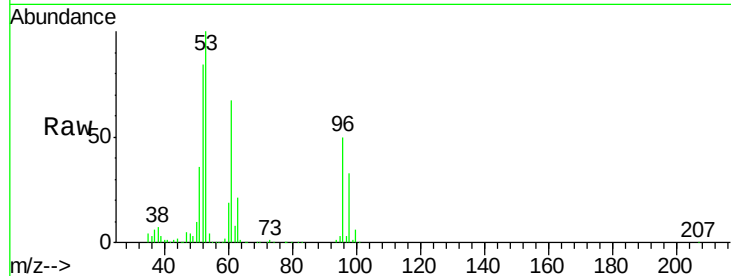
ClientSampleId :

VX0509MBS02

Tot Ion:	96	Resp:	57210
Ion	Ratio	Lower	Upper
96	100		
61	135.2	105.0	157.4
98	65.4	49.9	74.9

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#22

Diisopropyl ether

Concen: 21.76 ug/l

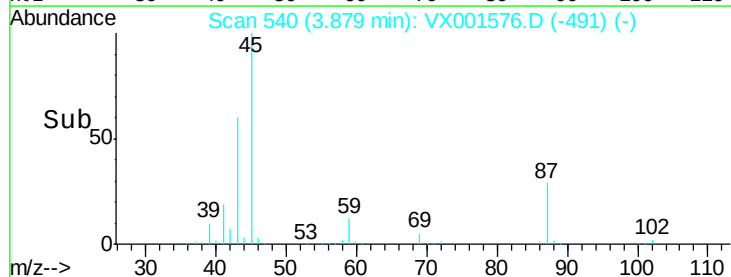
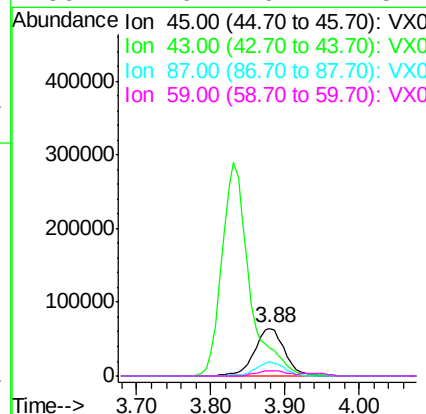
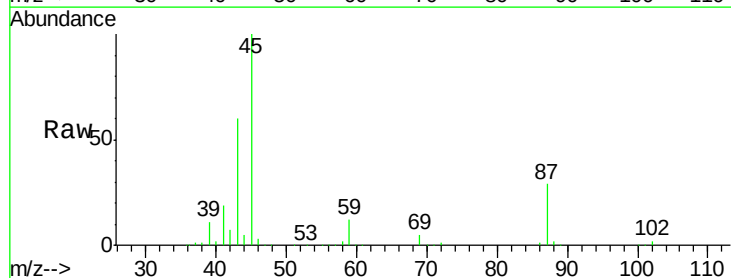
RT: 3.88 min Scan# 540

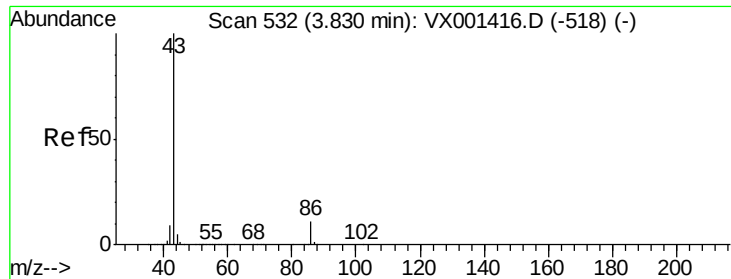
Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Tgt Ion:	45	Resp:	183189
Ion	Ratio	Lower	Upper
45	100		
43	59.6	46.5	69.7
87	28.7	22.6	34.0
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 106.50 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBS02

Tot Ion: 43 Resp: 747335

Ion Ratio Lower Upper

43 100

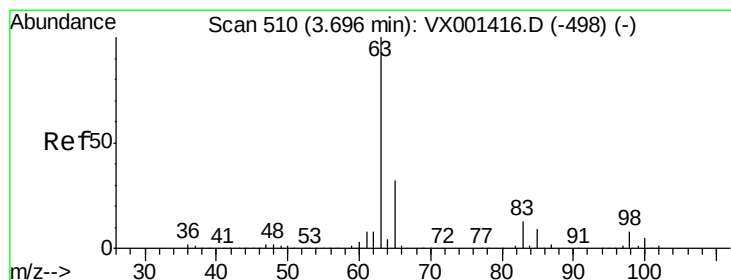
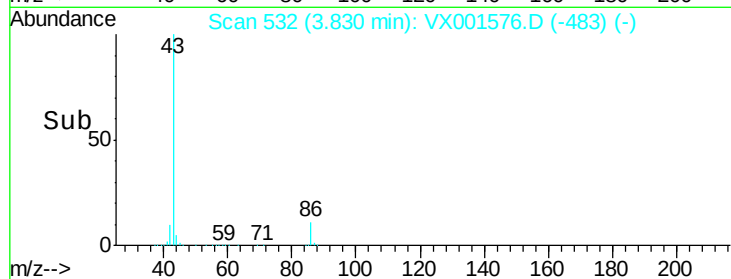
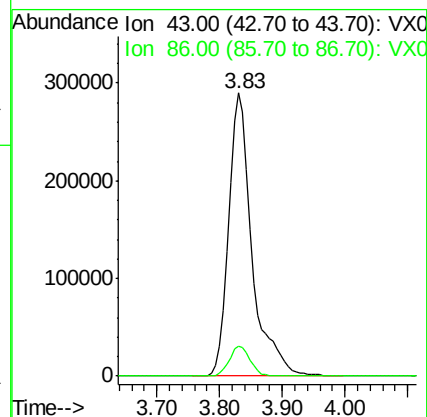
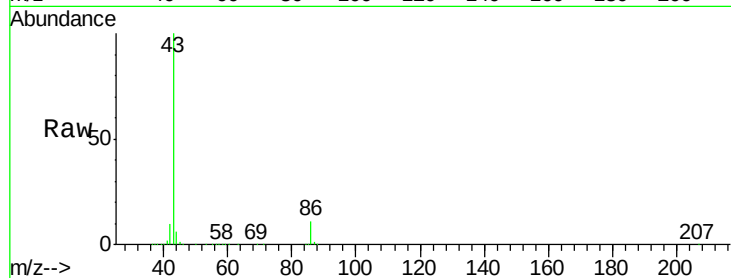
86 10.6 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 21.36 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

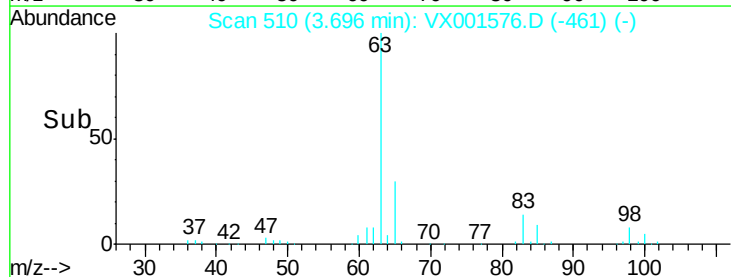
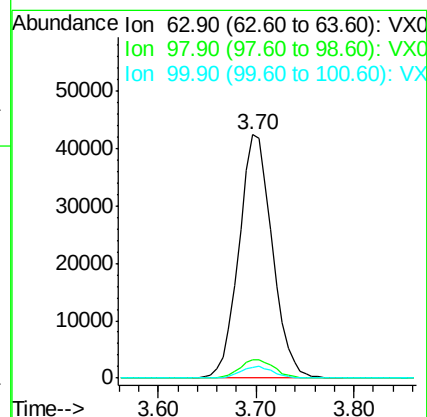
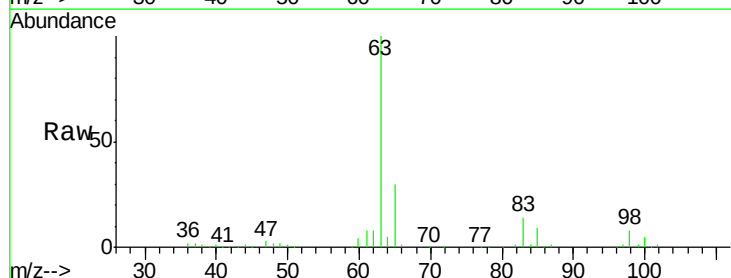
Tgt Ion: 63 Resp: 100450

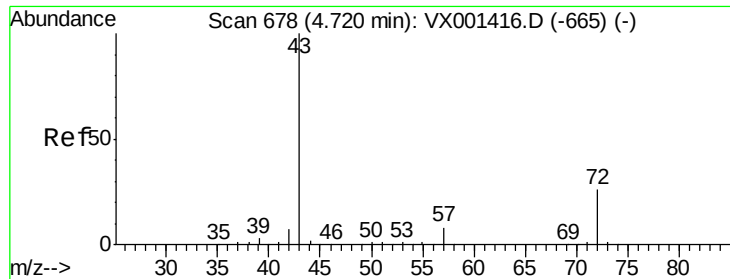
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 109.75 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBS02

Tot Ion: 43 Resp: 226163

Ion Ratio Lower Upper

43 100

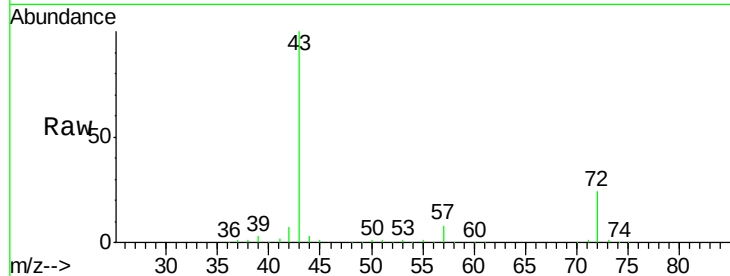
72 23.9 20.7 31.1

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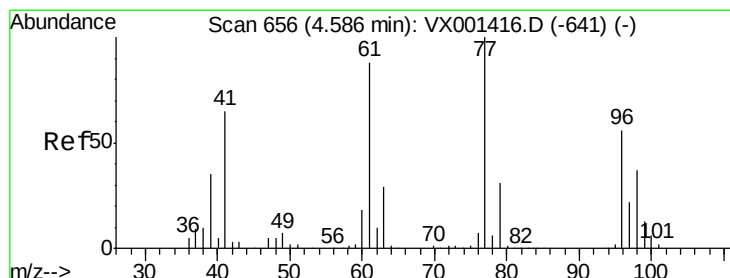
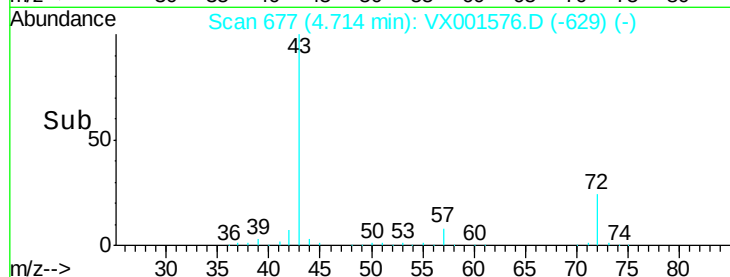
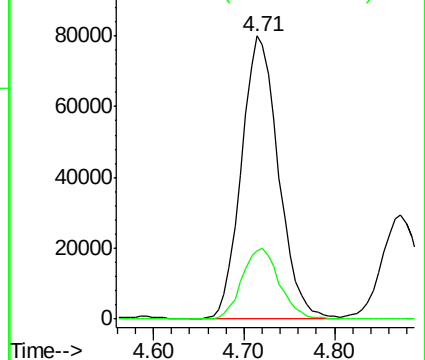
MMDadoda

5/10/2018 1:52:01 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.39 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001576.D

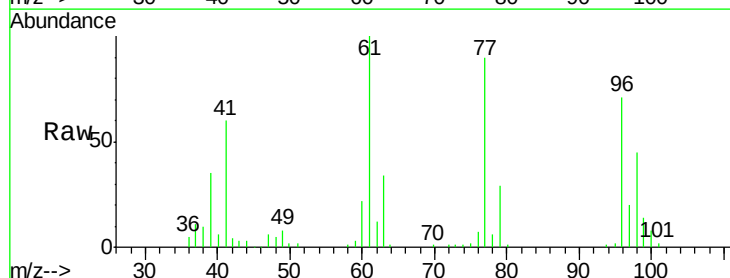
Acq: 10 May 2018 01:07

Tgt Ion: 77 Resp: 59534

Ion Ratio Lower Upper

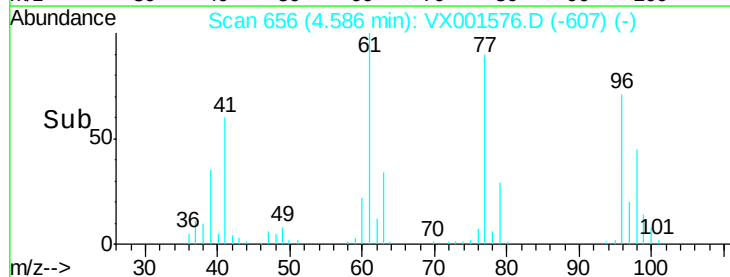
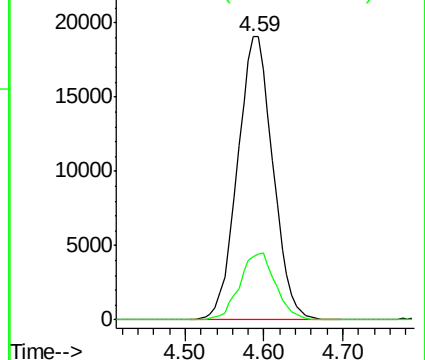
77 100

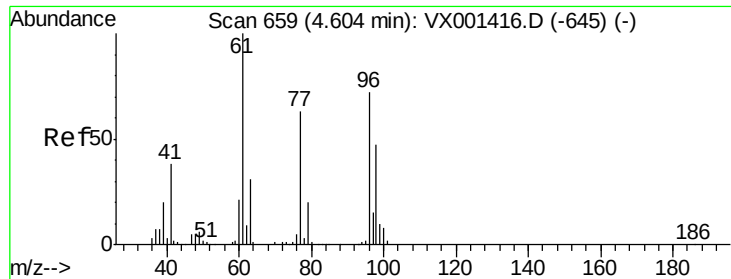
97 24.0 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

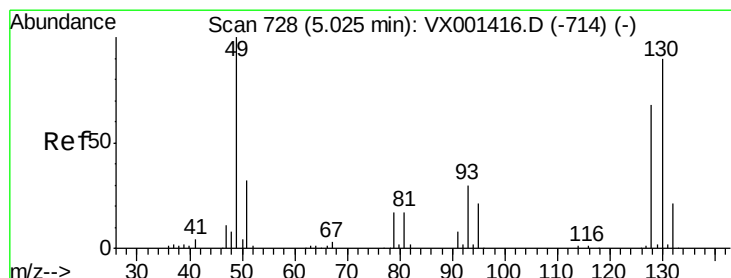
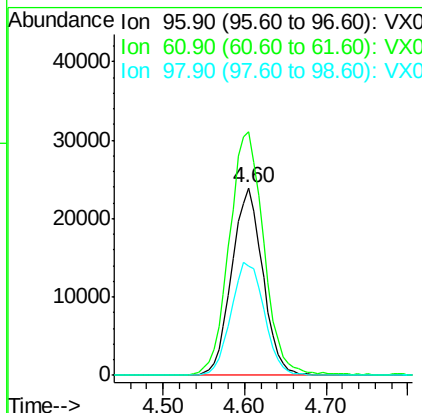
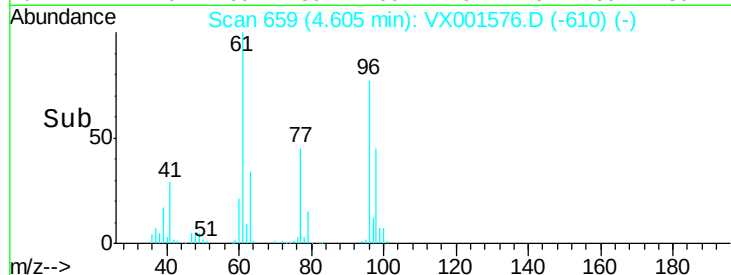
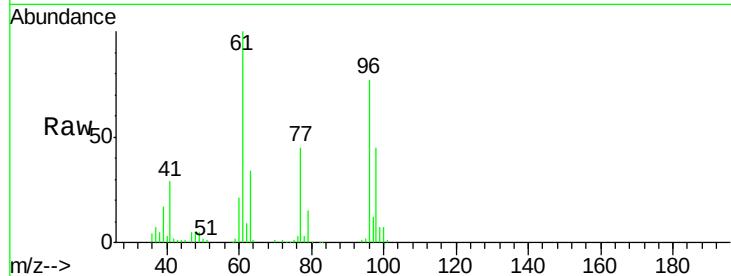
cis-1,2-Dichloroethene
Concen: 21.96 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	301.6
98	64.4	0.0	131.6

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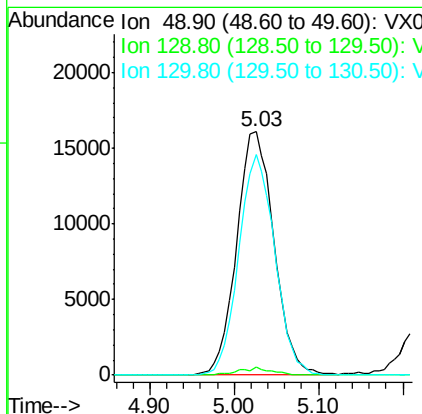
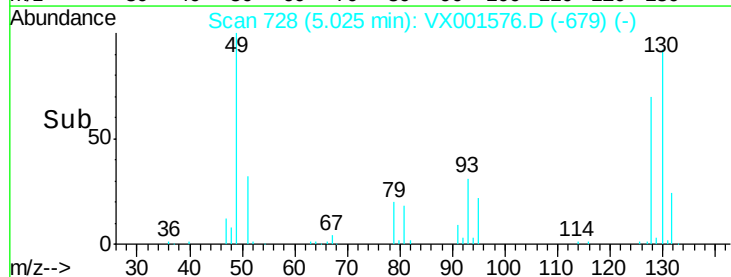
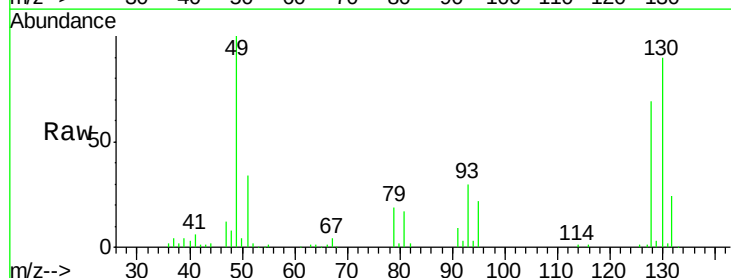
MMDadoda
5/10/2018 1:52:01 PM

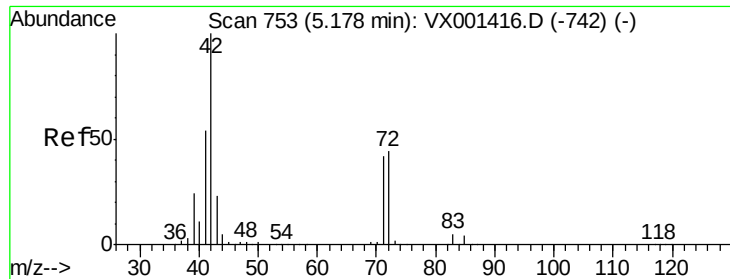


#28

Bromochloromethane
Concen: 23.66 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	87.3	71.9	107.9





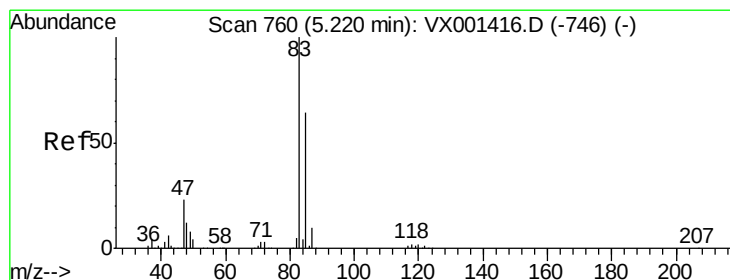
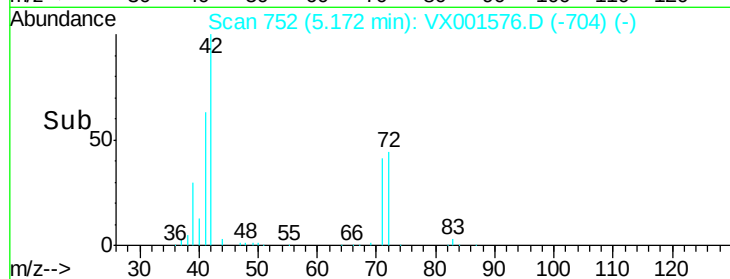
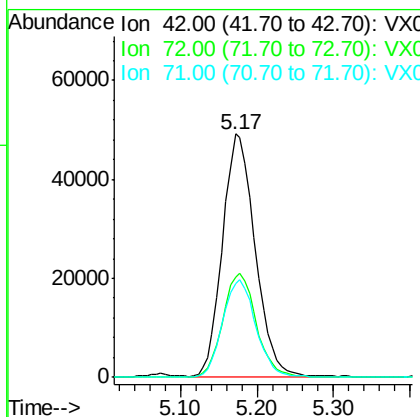
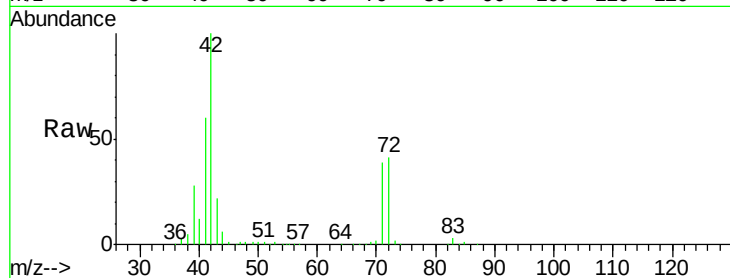
#29
Tetrahydrofuran
Concen: 109.87 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.4	53.2
71	41.0	33.0	49.4

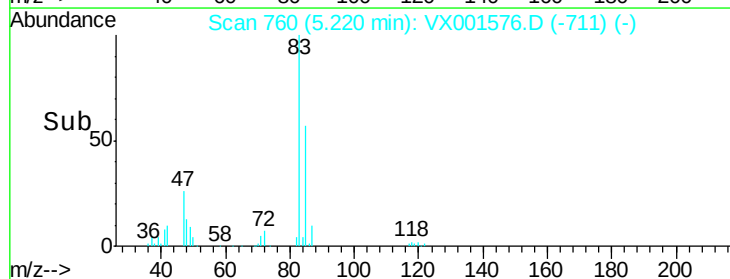
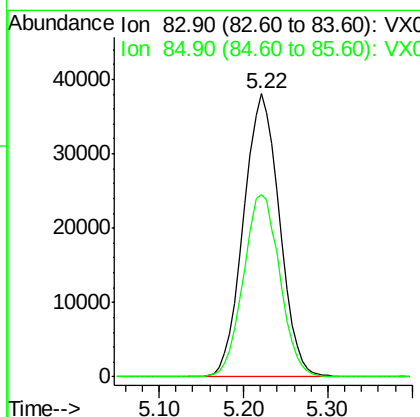
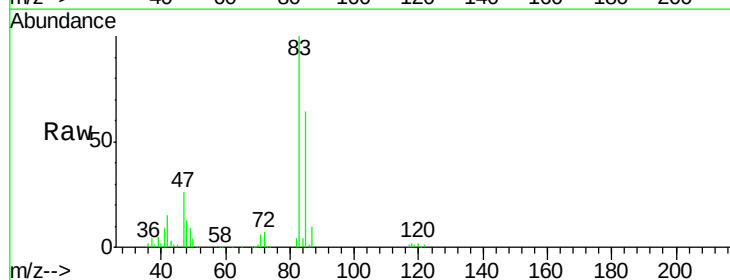
Manual Integrations
APPROVED

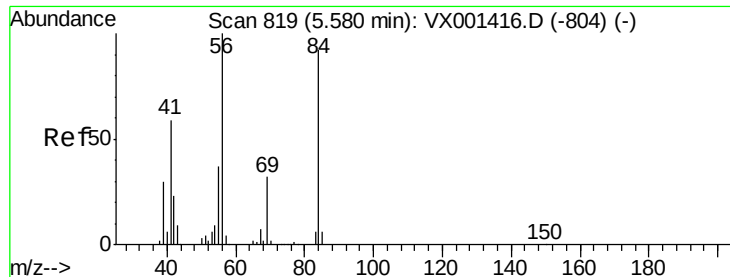
MMDadoda
5/10/2018 1:52:01 PM



#30
Chloroform
Concen: 22.75 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.0	76.4





#31

Cyclohexane

Concen: 20.78 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

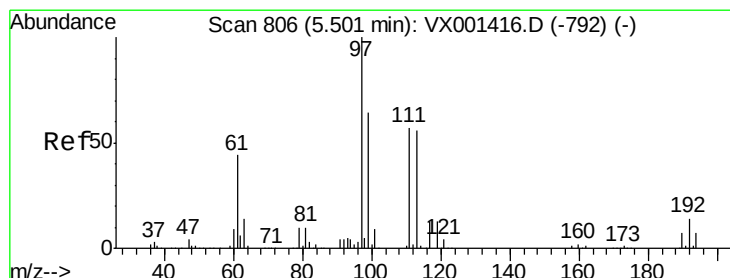
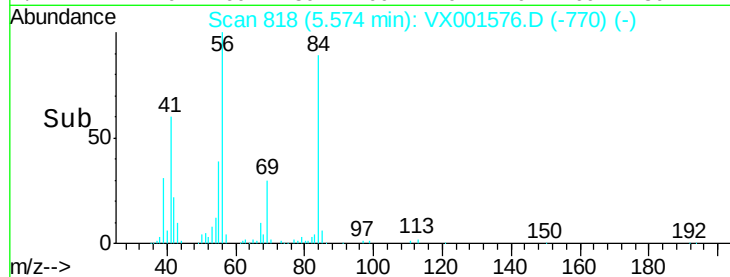
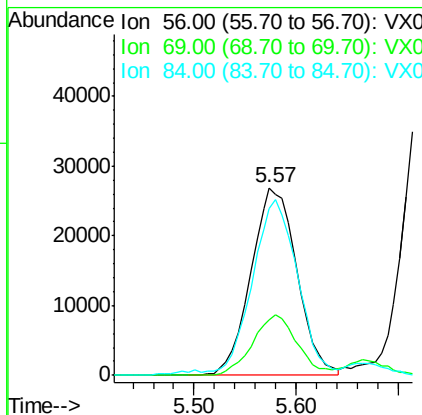
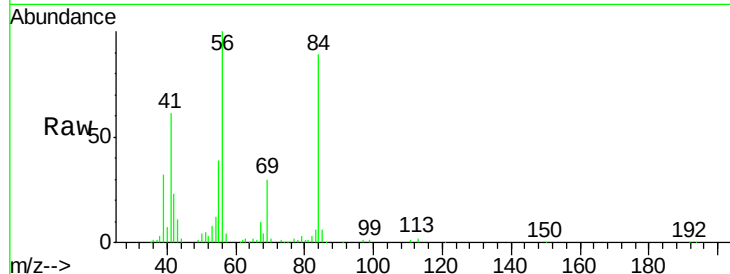
ClientSampleId :

VX0509MBS02

Tot Ion:	56	Resp:	83959
Ion	Ratio	Lower	Upper
56	100		
69	29.5	25.4	38.0
84	87.4	73.8	110.8

Manual Integrations
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5/10/2018 1:52:01 PM



#32

1,1,1-Trichloroethane

Concen: 22.88 ug/l

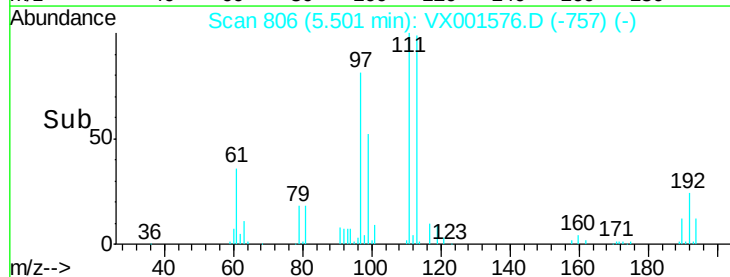
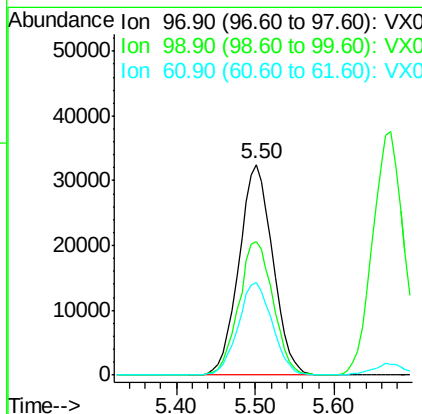
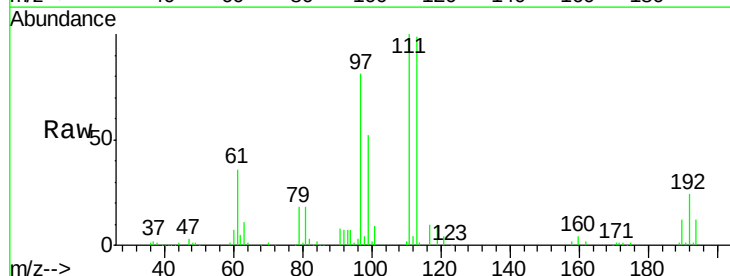
RT: 5.50 min Scan# 806

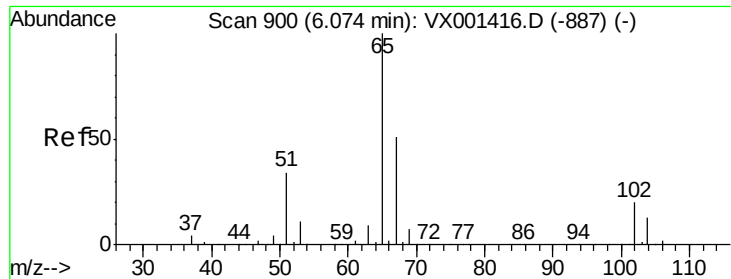
Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Tgt Ion:	97	Resp:	96863
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	44.6	34.8	52.2





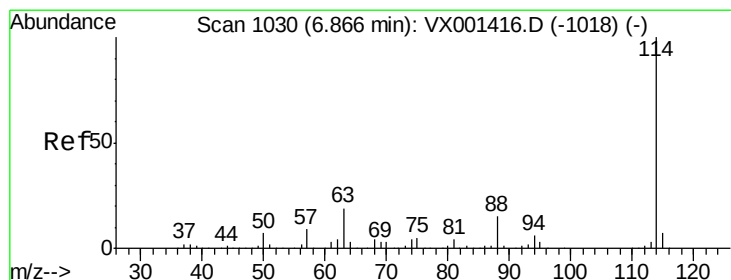
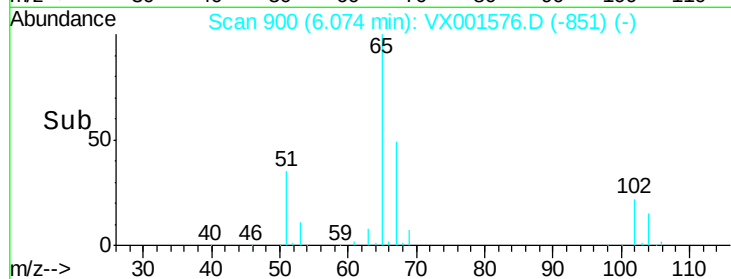
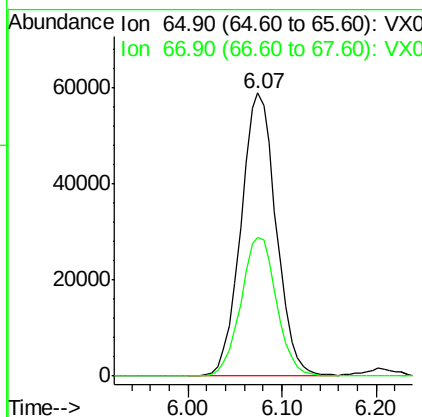
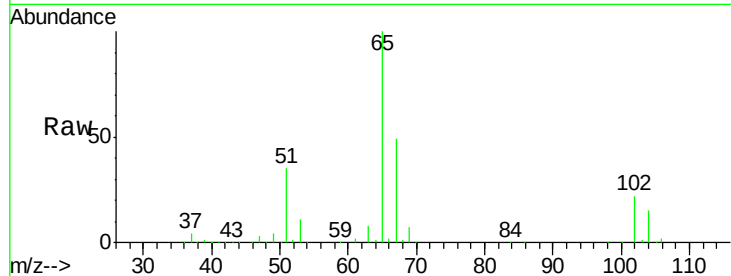
#33
 1,2-Dichloroethane-d4
 Concen: 49.03 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	153939		
67	49.7	0.0	101.8	

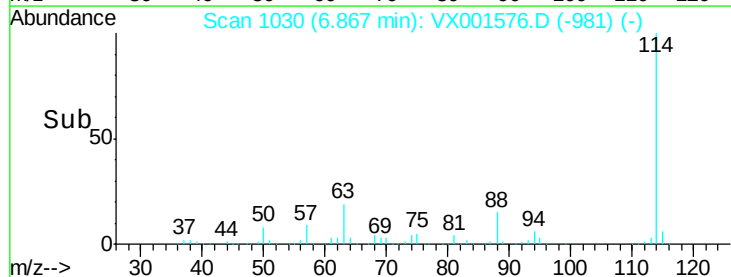
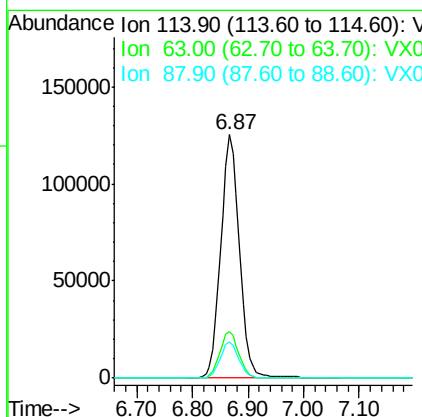
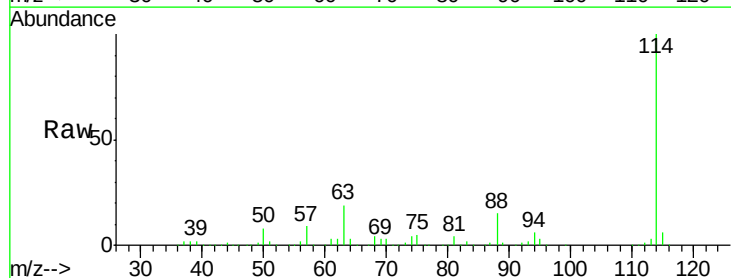
Manual Integrations
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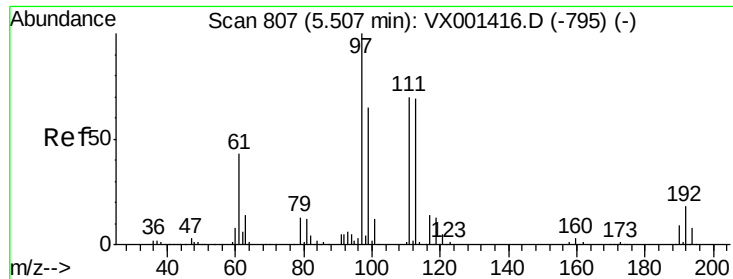
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	292476		
63	19.3	0.0	38.6	
88	14.9	0.0	30.8	





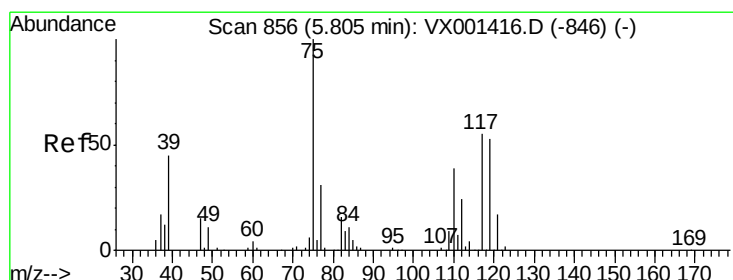
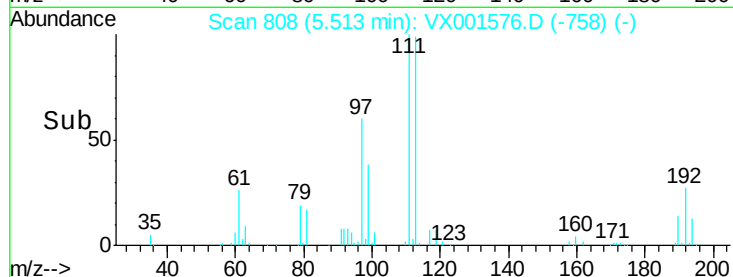
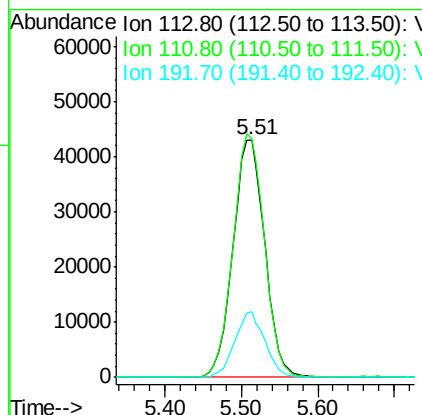
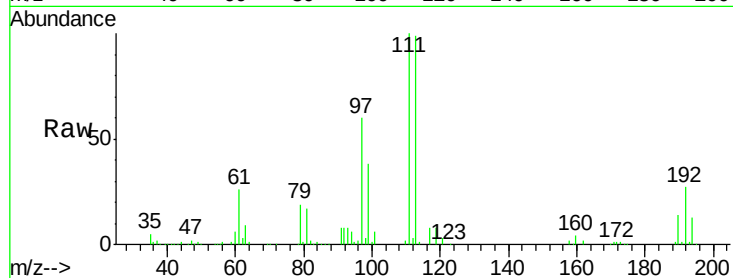
#35
Dibromofluoromethane
Concen: 47.46 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	123466		
111	101.3	82.2	123.2	
192	26.0	21.4	32.0	

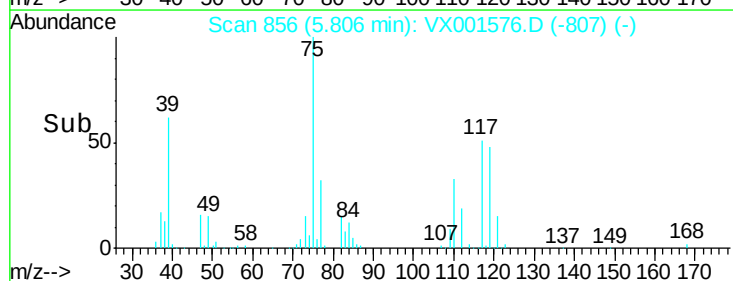
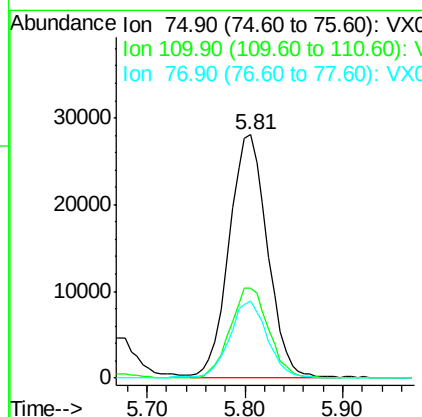
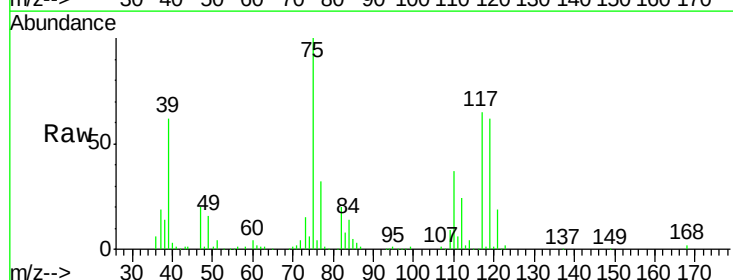
Manual Integrations
APPROVED

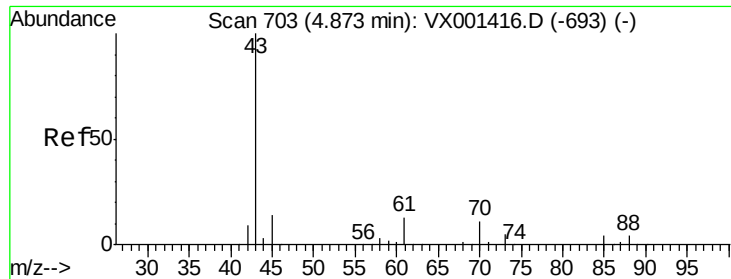
MMDadoda
5/10/2018 1:52:01 PM



#36
1,1-Dichloropropene
Concen: 20.34 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75654		
110	37.6	18.9	56.7	
77	31.4	24.9	37.3	





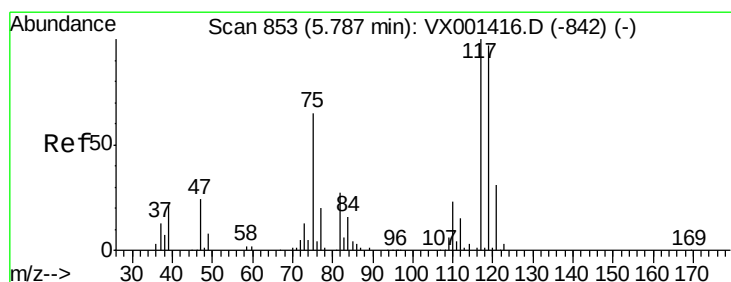
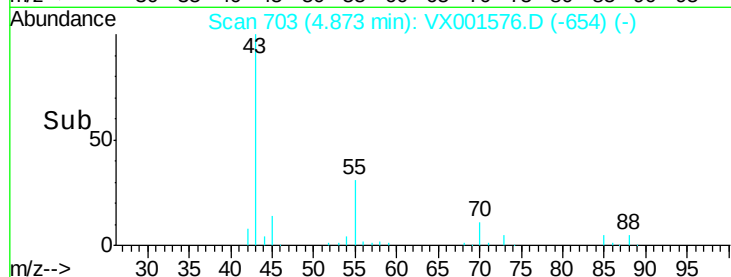
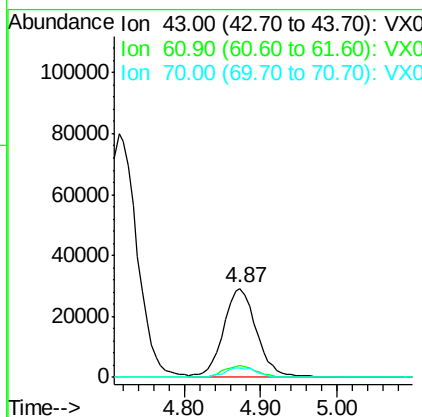
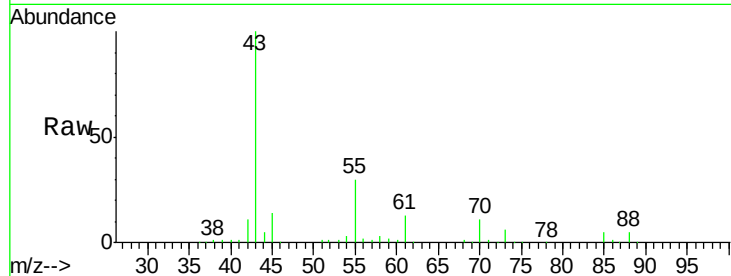
#37
Ethyl Acetate
Concen: 21.22 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	10.8	8.4	12.6

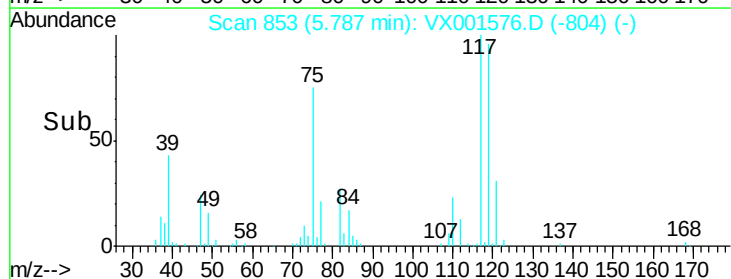
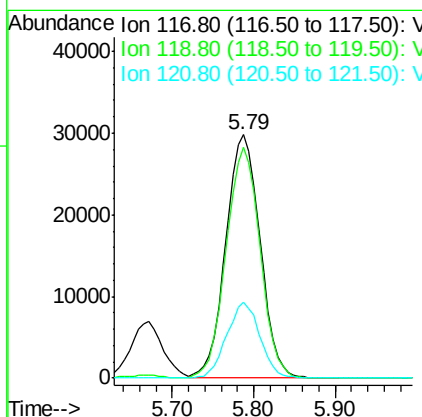
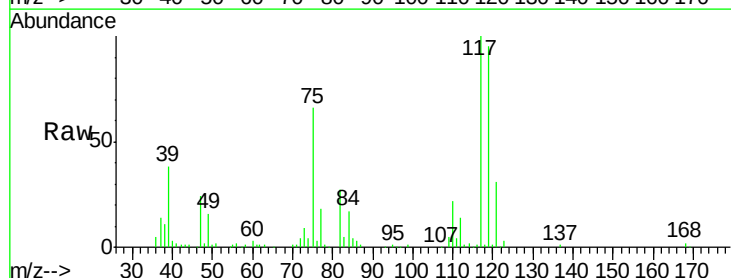
Manual Integrations
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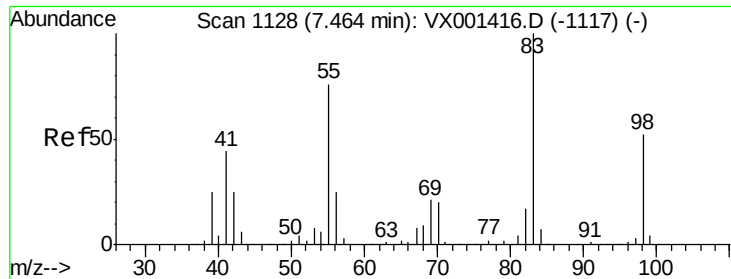
MMDadoda
5/10/2018 1:52:01 PM



#38
Carbon Tetrachloride
Concen: 21.85 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.0	115.6
121	31.4	25.1	37.7





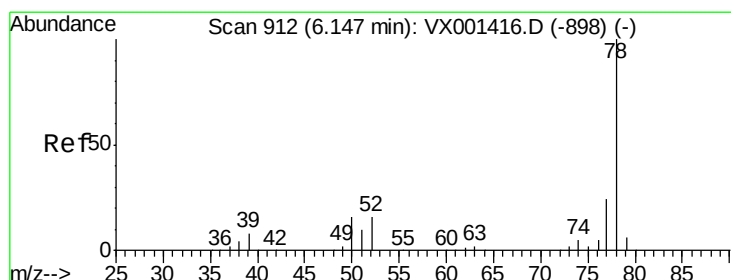
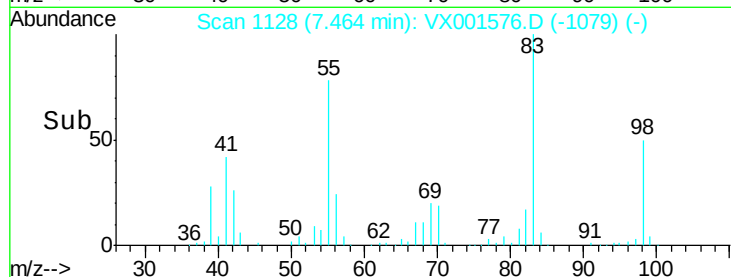
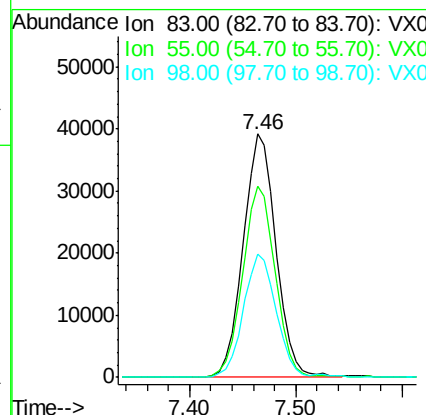
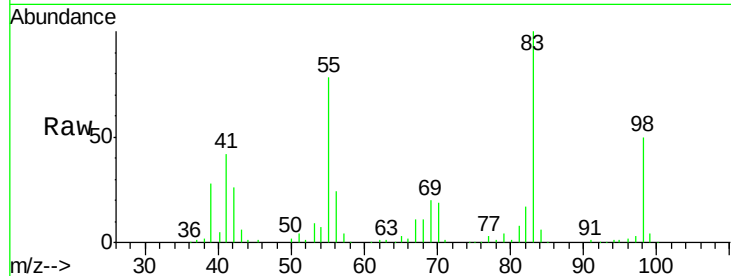
#39
Methylvlcyclohexane
Concen: 19.33 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	60.9	91.3
98	50.4	41.9	62.9

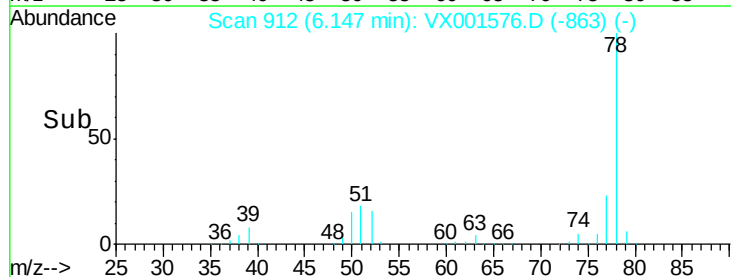
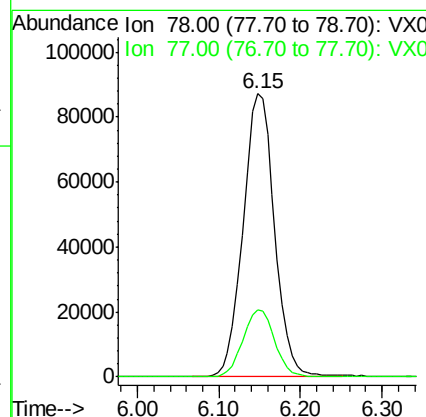
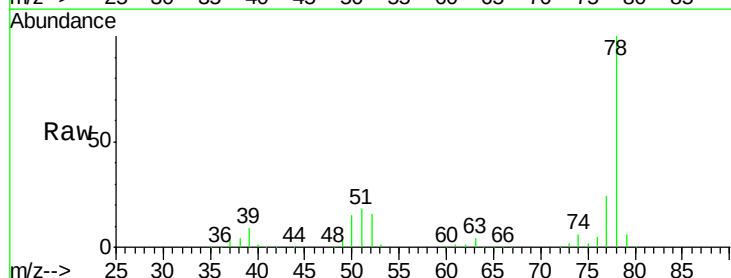
Manual Integrations
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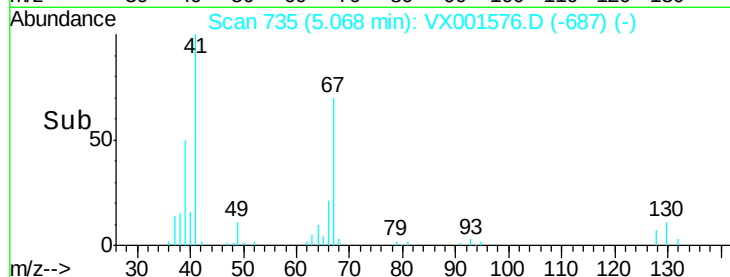
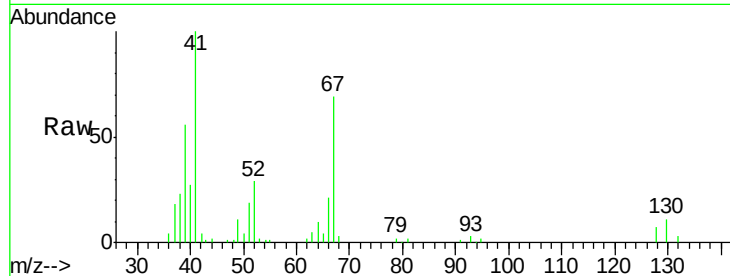
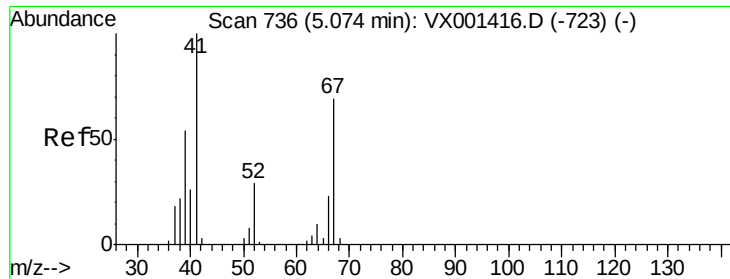
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#40
Benzene
Concen: 21.43 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.2





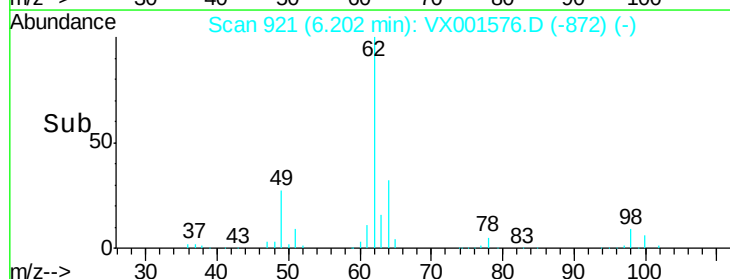
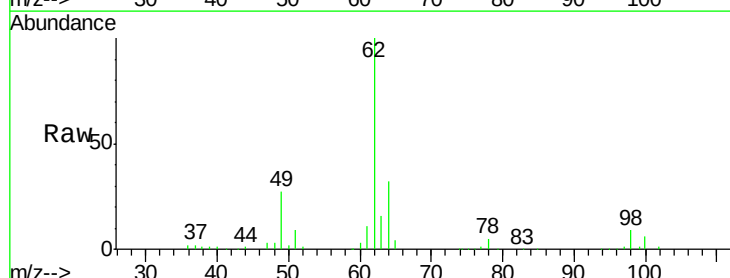
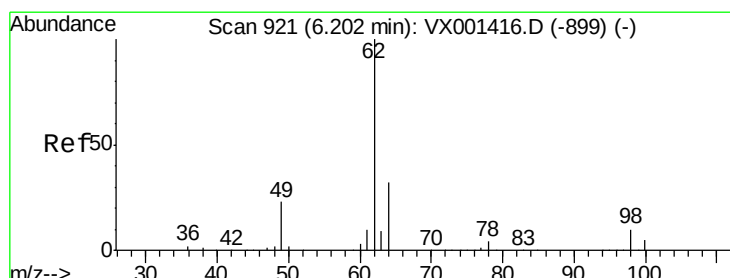
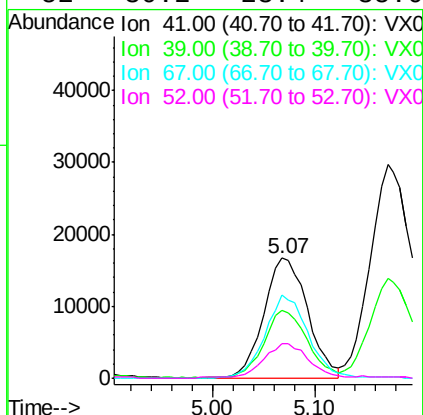
#41
Methacrylonitrile
Concen: 21.21 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.3	45.0	67.6		
67	68.9	55.0	82.6		
52	30.2	23.4	35.0		

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

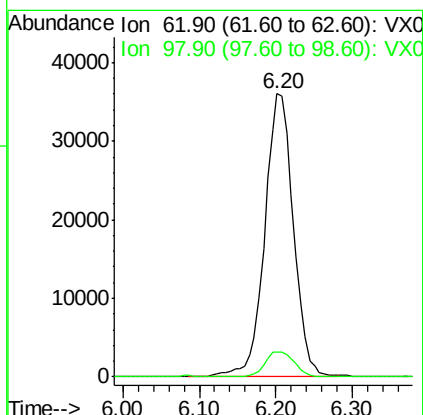
Manual Integrations
APPROVED

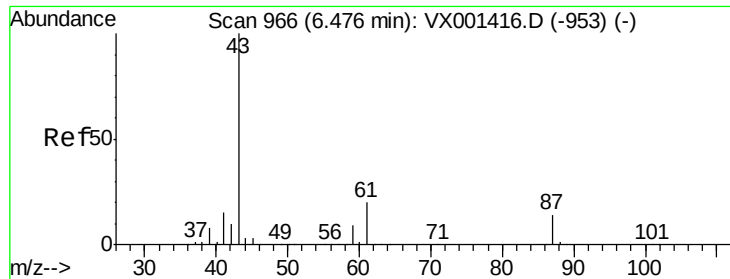
MMDadoda
5/10/2018 1:52:01 PM



#42
1,2-Dichloroethane
Concen: 22.52 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.1	0.0	19.0		





#43

Isopropyl Acetate

Concen: 21.19 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

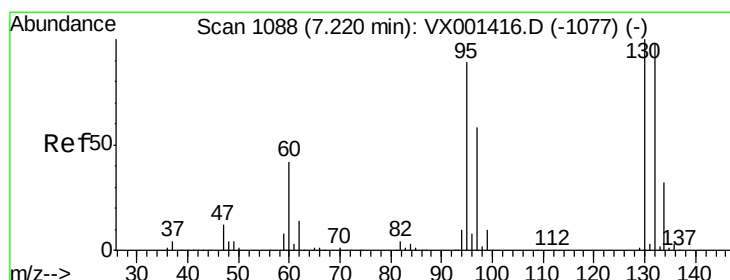
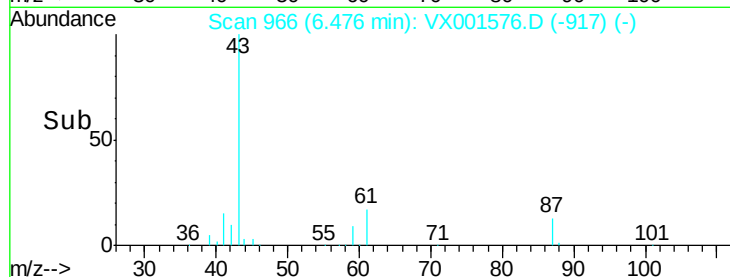
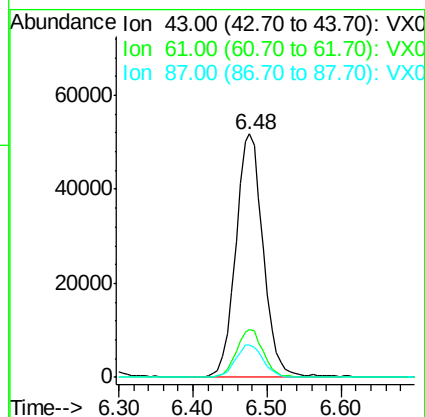
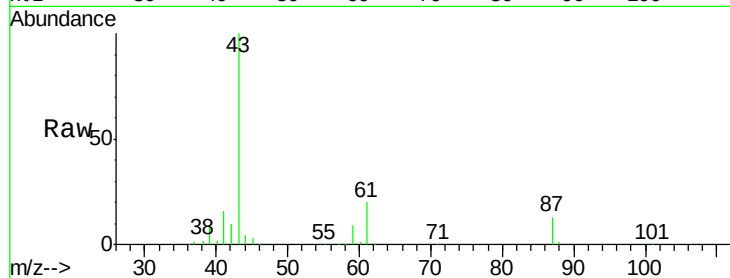
ClientSampleId :

VX0509MBS02

Tot Ion:	43	Resp:	132640
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	13.6	10.8	16.2

Manual Integrations
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5/10/2018 1:52:01 PM



#44

Trichloroethene

Concen: 21.44 ug/l

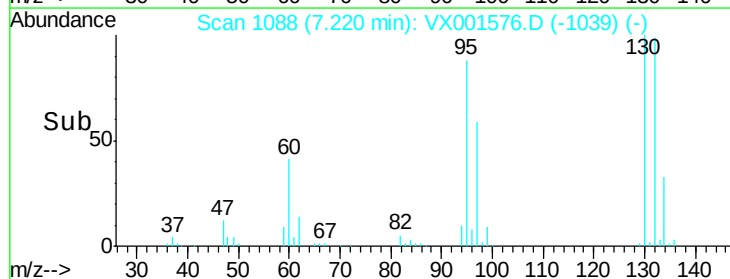
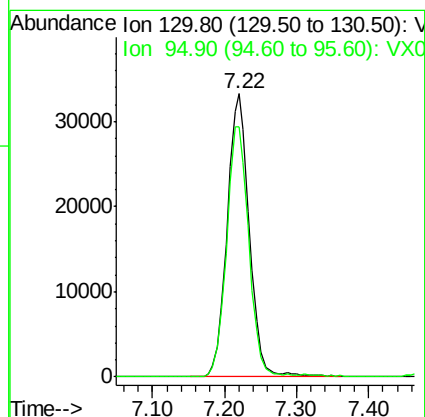
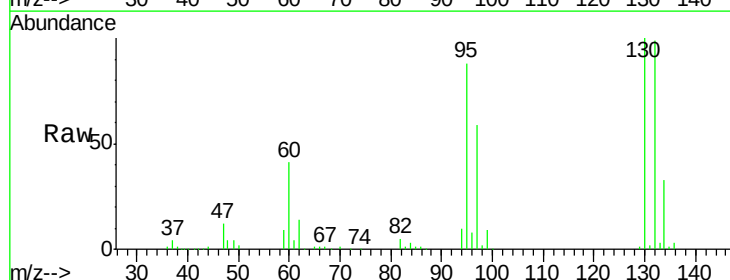
RT: 7.22 min Scan# 1088

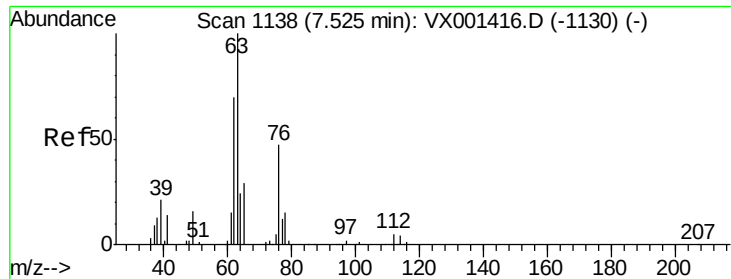
Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Tgt Ion:	130	Resp:	71202
Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	178.4





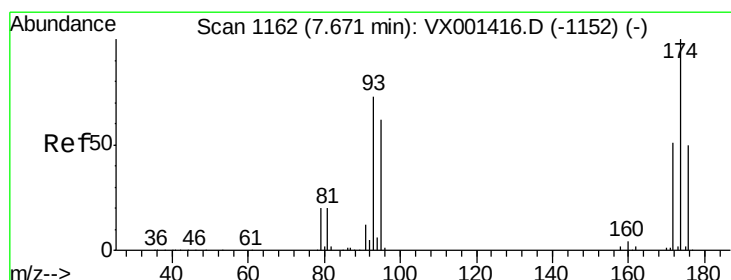
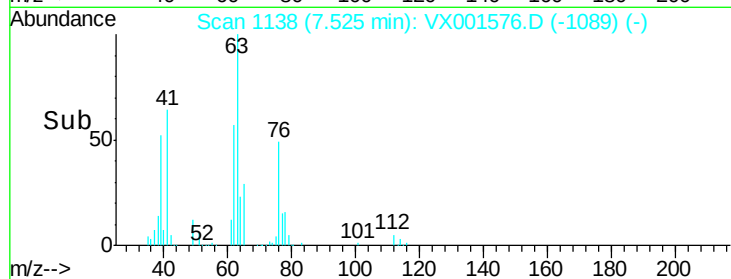
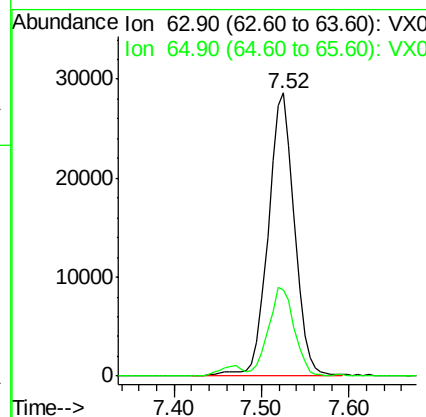
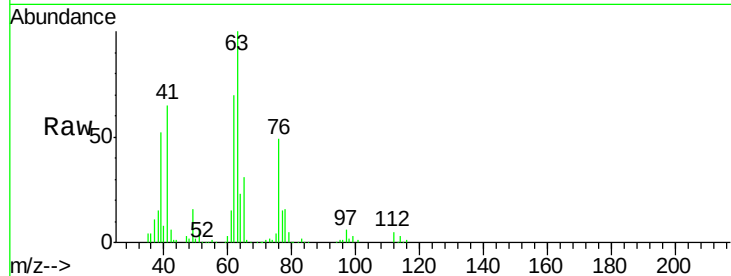
#45
 1,2-Dichloropropane
 Concen: 22.12 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Tot Ion: 63 Resp: 59934
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.5 36.7

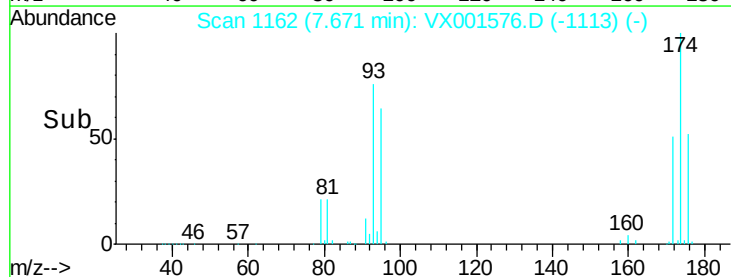
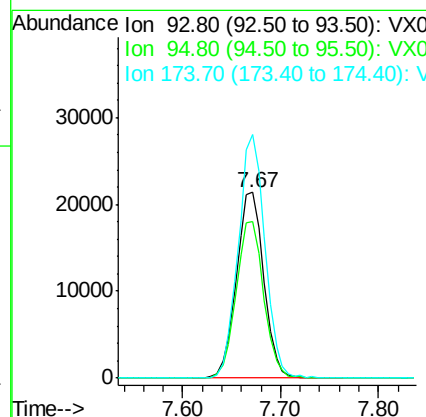
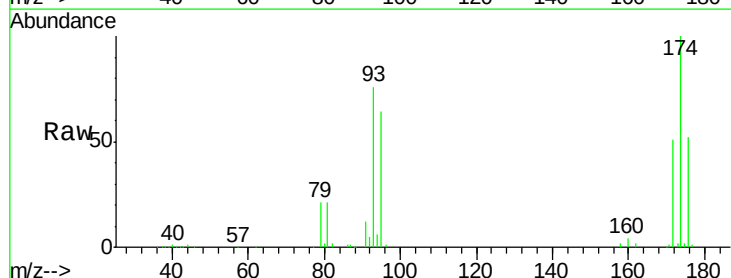
Manual Integrations
 APPROVED

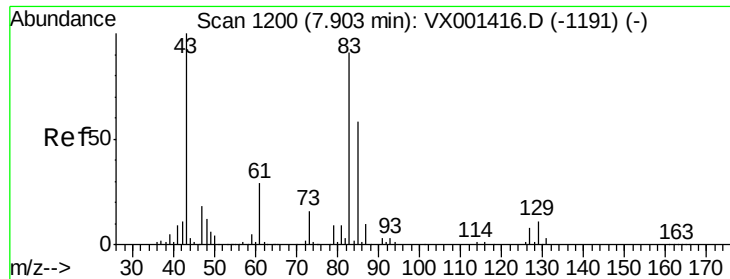
MMDadoda
 5/10/2018 1:52:01 PM



#46
 Dibromomethane
 Concen: 21.75 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Tgt Ion: 93 Resp: 41710
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.0 100.4
 174 127.8 104.5 156.7





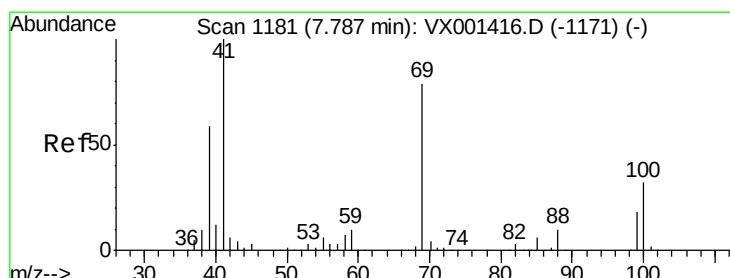
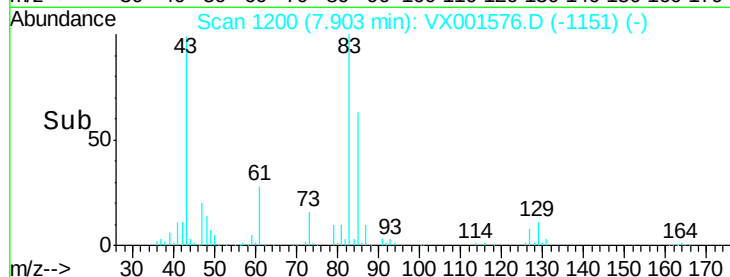
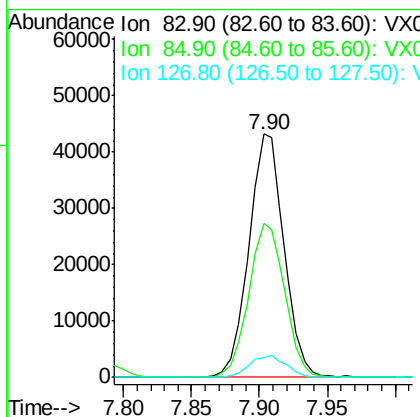
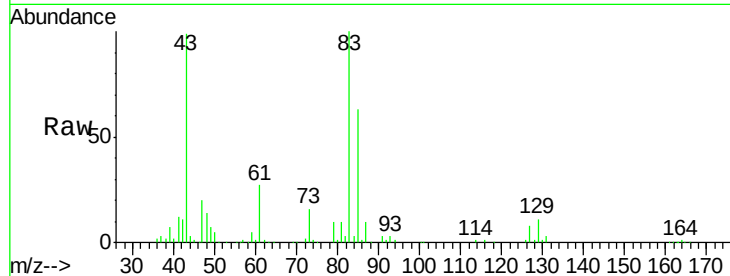
#47
 Bromodichloromethane
 Concen: 22.02 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Tot Ion	83	Resp	78145
Ion Ratio	100	Lower	Upper
83	100		
85	63.2	51.0	76.6
127	8.3	7.4	11.2

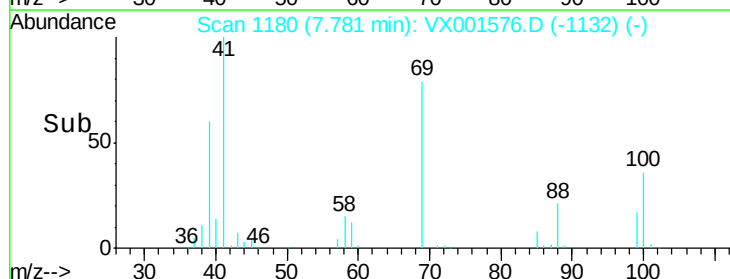
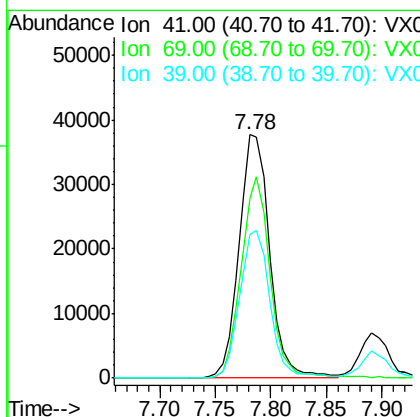
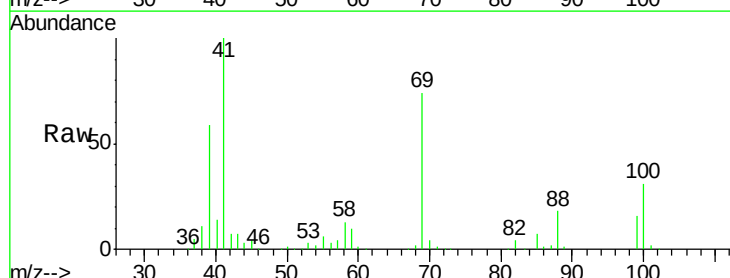
Manual Integrations
 APPROVED

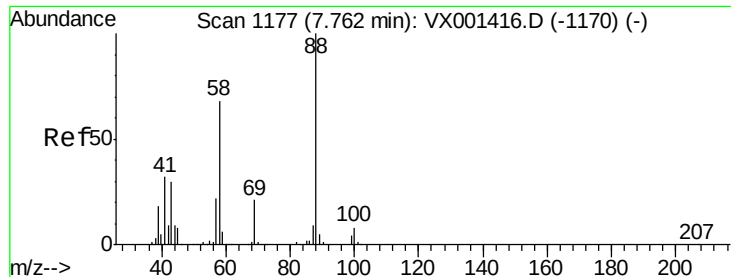
MMDadoda
 5/10/2018 1:52:01 PM



#48
 Methyl methacrylate
 Concen: 21.03 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Tgt Ion	41	Resp	71697
Ion Ratio	100	Lower	Upper
41	100		
69	79.1	63.4	95.2
39	60.0	47.0	70.4





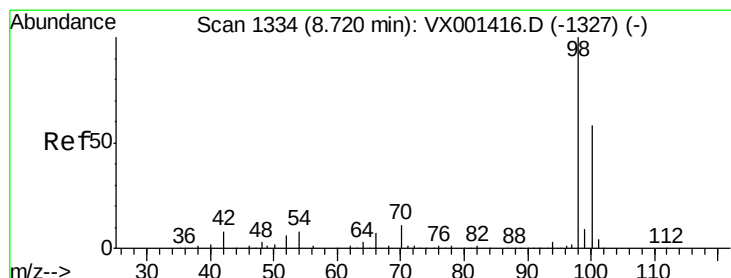
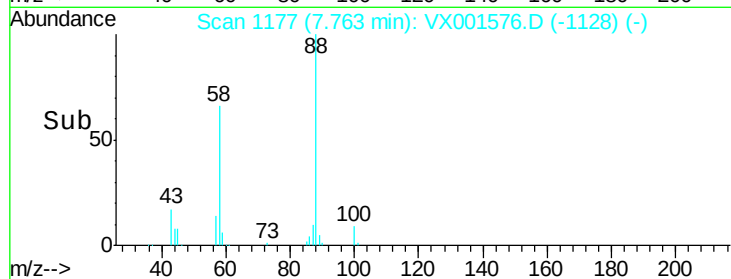
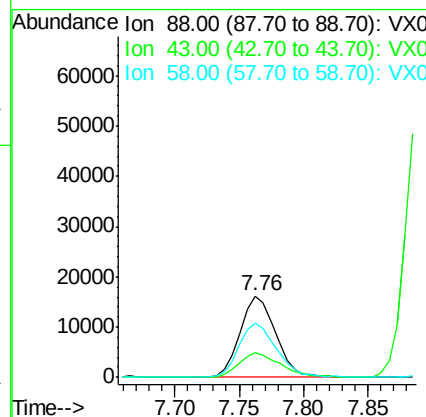
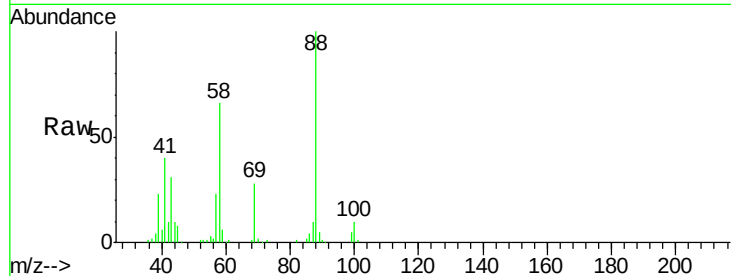
#49
1,4-Dioxane
Concen: 422.37 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	26.4	39.6
58	71.3	54.1	81.1

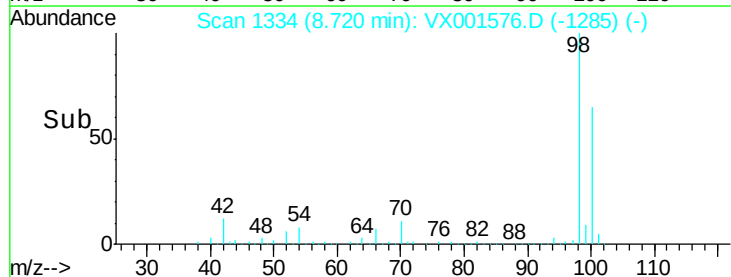
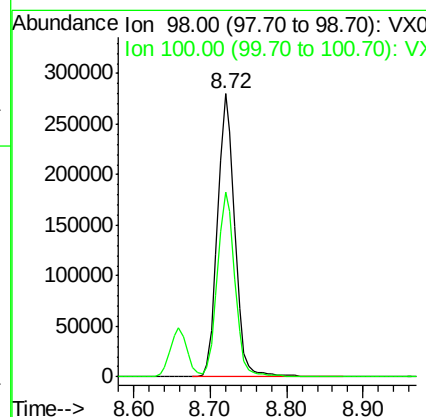
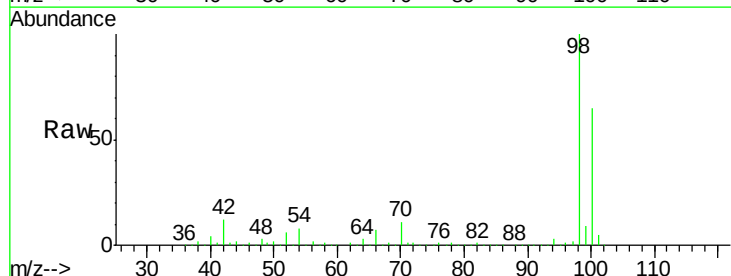
Manual Integrations
APPROVED

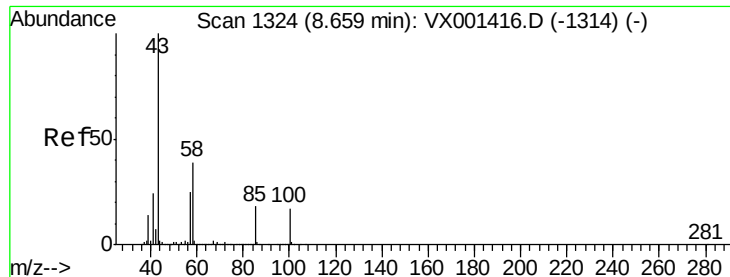
MMDadoda
5/10/2018 1:52:01 PM



#50
Toluene-d8
Concen: 46.05 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	54.0	81.0





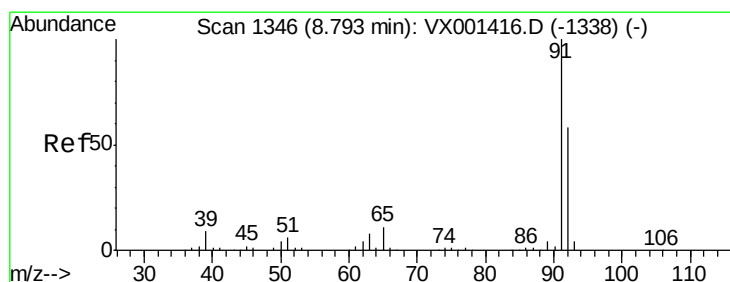
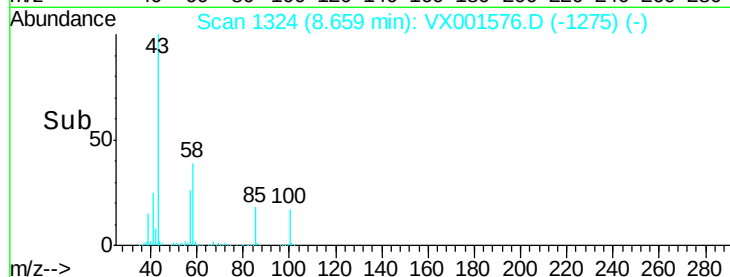
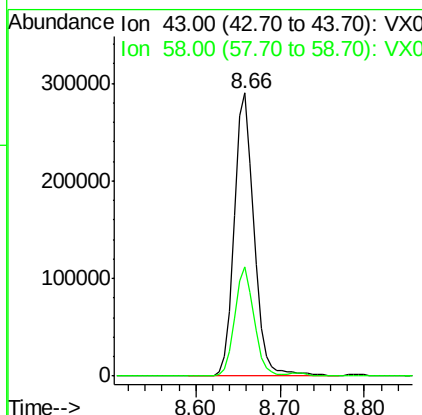
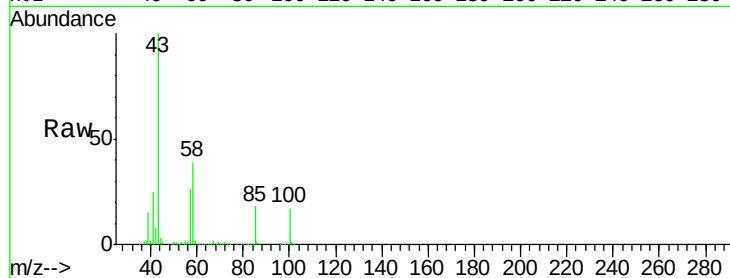
#51
4-Methyl-2-Pentanone
Concen: 110.86 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.8	46.2

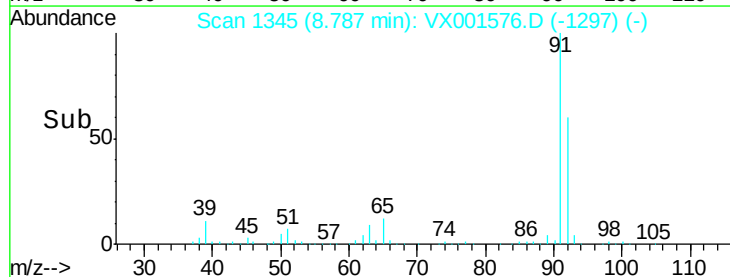
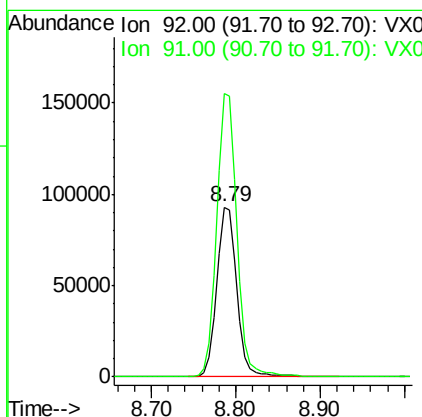
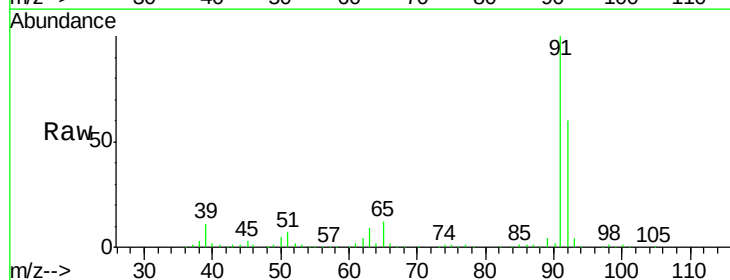
Manual Integrations
APPROVED

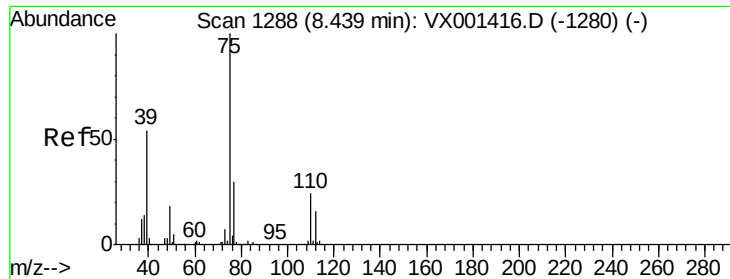
MMDadoda
5/10/2018 1:52:01 PM



#52
Toluene
Concen: 21.58 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.0	135.2	202.8





#53

t-1,3-Dichloropropene

Concen: 21.01 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampled :

VX0509MBS02

Tot Ion: 75 Resp: 84265

Ion Ratio Lower Upper

75 100

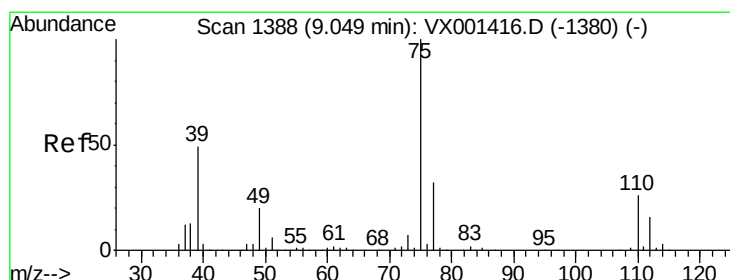
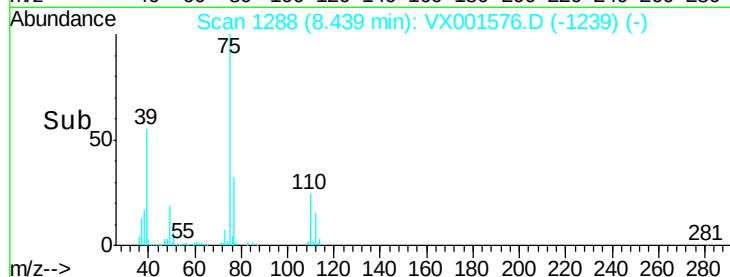
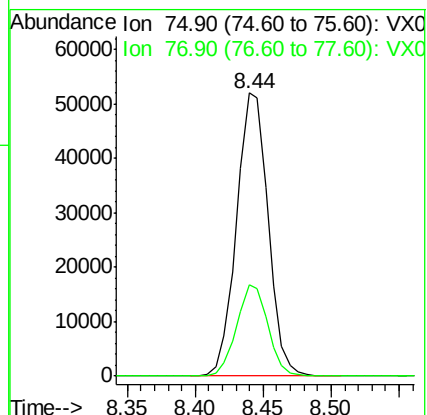
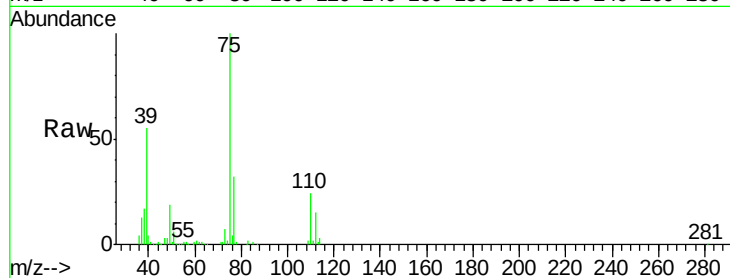
77 32.2 24.2 36.4

Manual Integrations

APPROVED

MMDadoda

5/10/2018 1:52:01 PM



#54

cis-1,3-Dichloropropene

Concen: 19.43 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

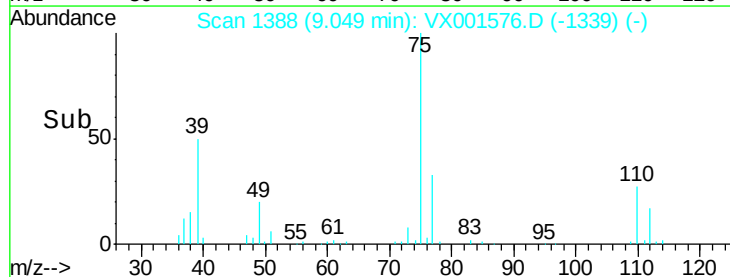
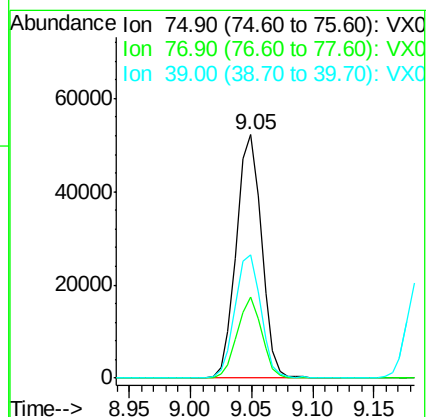
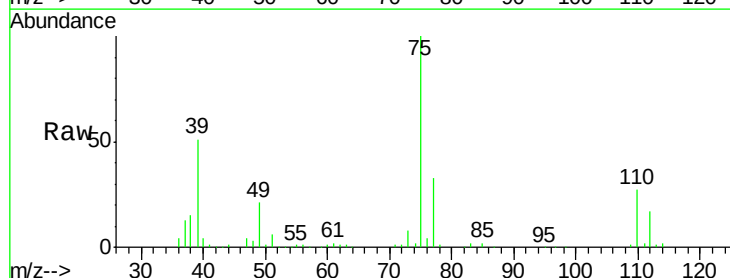
Tgt Ion: 75 Resp: 74562

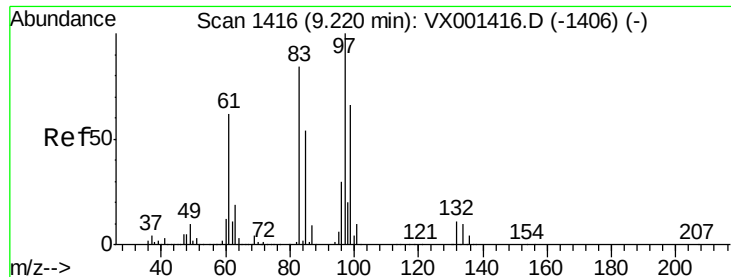
Ion Ratio Lower Upper

75 100

77 33.1 25.5 38.3

39 50.4 38.9 58.3





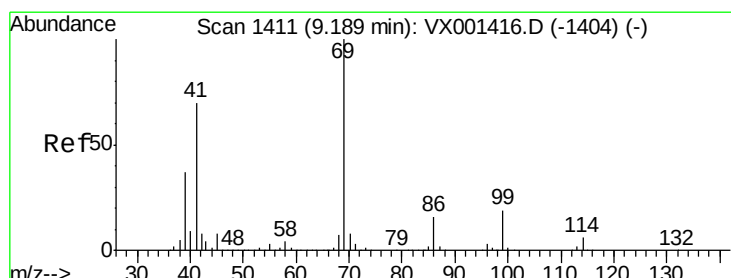
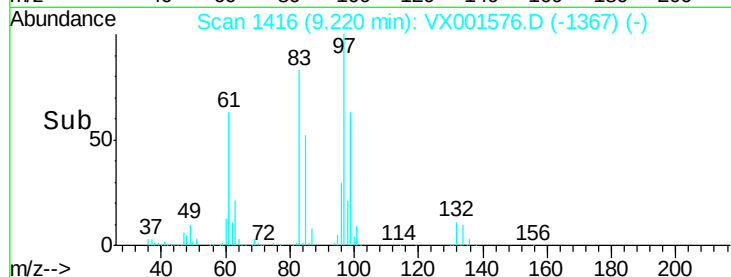
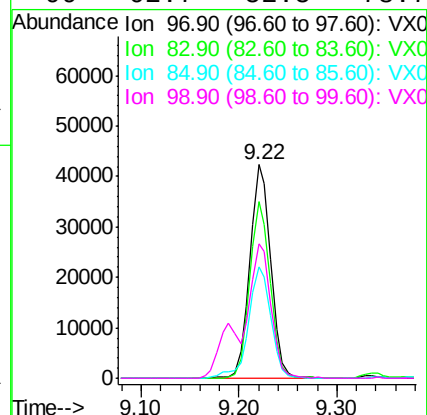
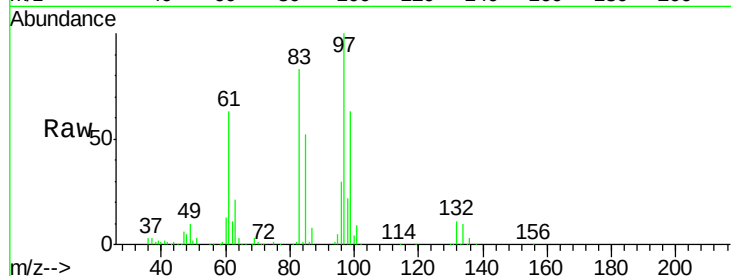
#55
 1,1,2-Trichloroethane
 Concen: 21.86 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.4	101.0
85	52.1	43.3	64.9
99	62.7	52.5	78.7

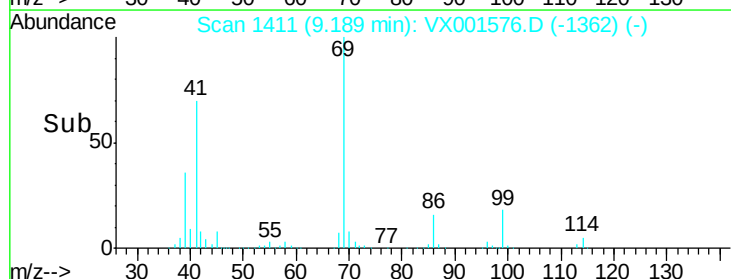
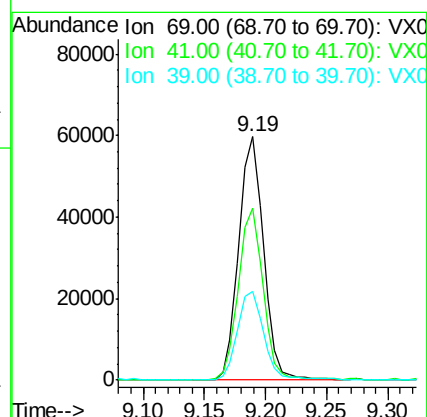
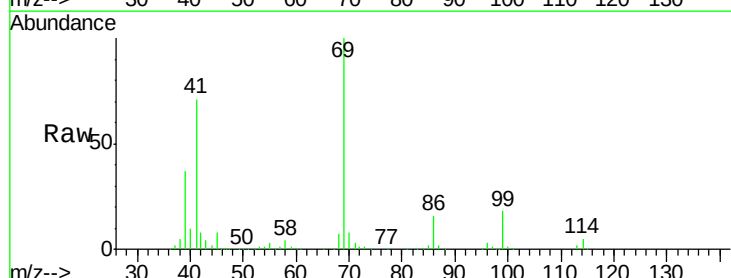
Manual Integrations
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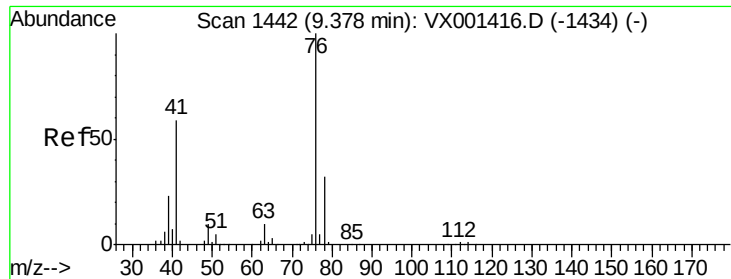
MMDadoda
 5/10/2018 1:52:01 PM



#56
 Ethyl methacrylate
 Concen: 20.33 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.1	82.7
39	38.5	29.9	44.9





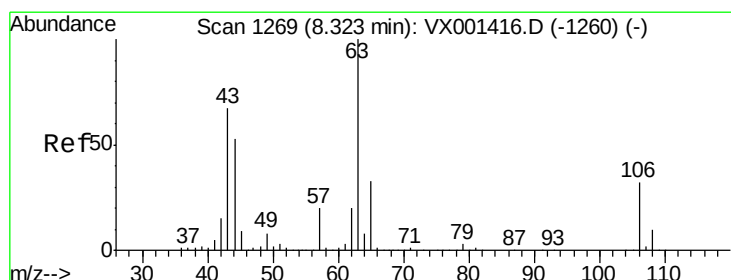
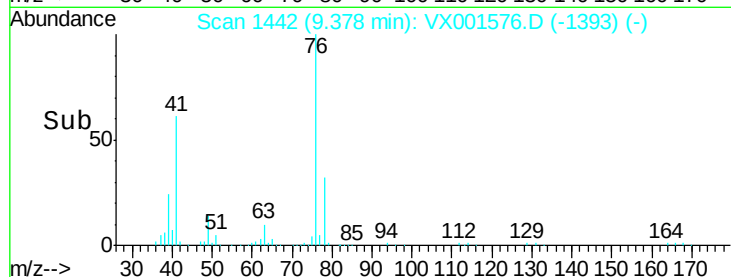
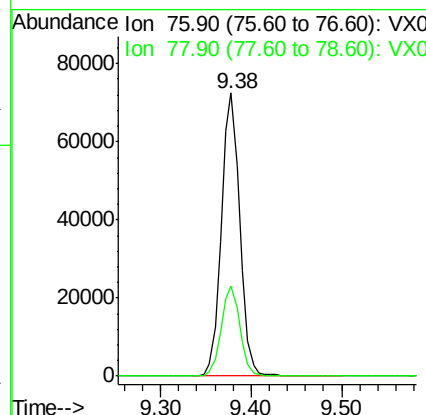
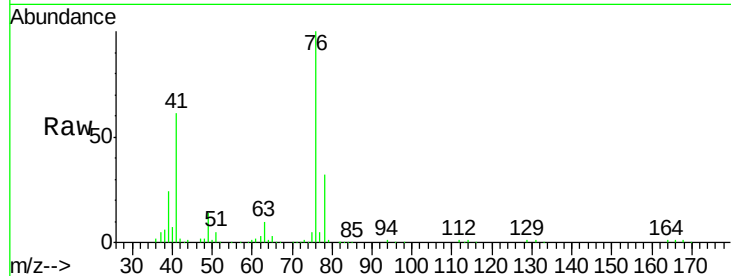
#57
 1,3-Dichloropropane
 Concen: 21.76 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

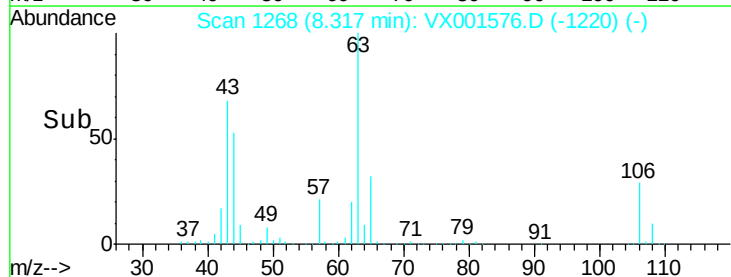
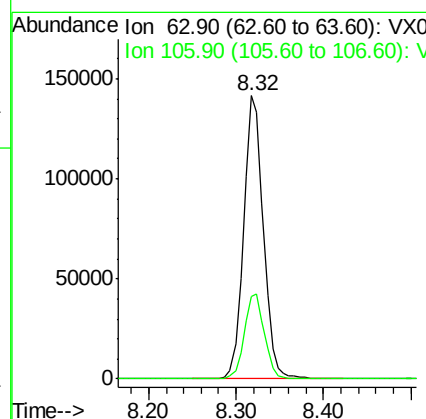
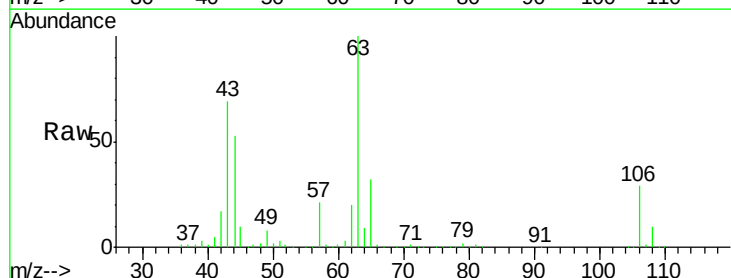
Manual Integrations
 APPROVED

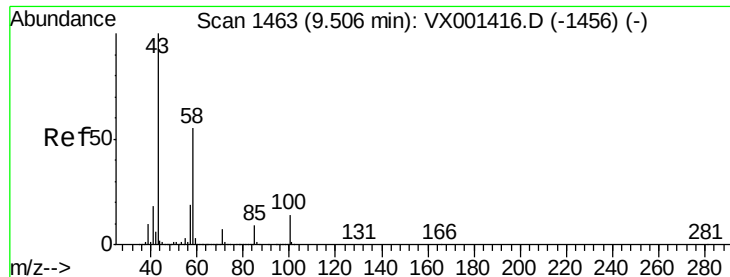
MMDadoda
 5/10/2018 1:52:01 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.88 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	25.4	38.0





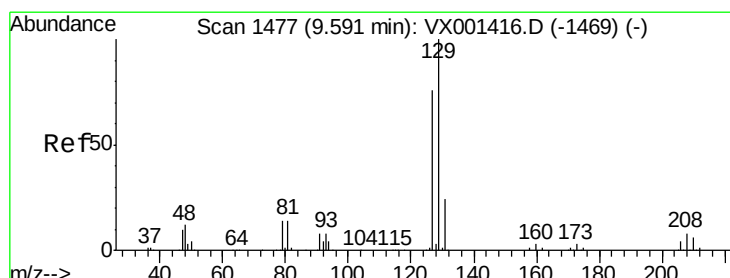
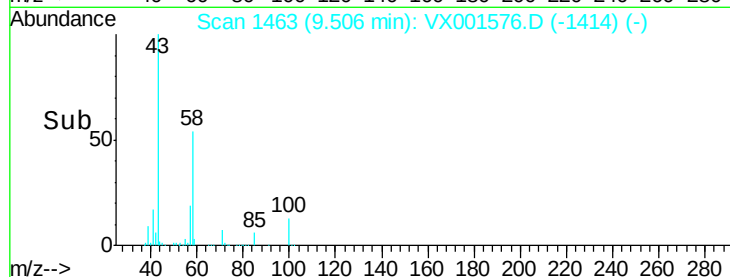
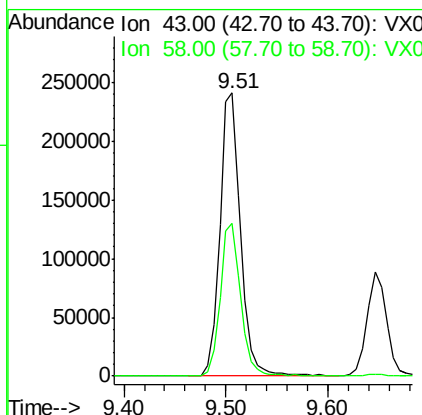
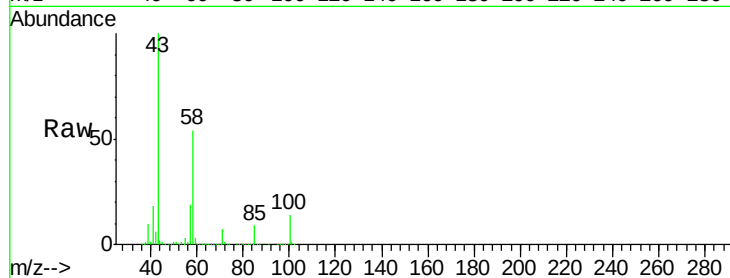
#59
2-Hexanone
Concen: 107.21 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.4	27.1	81.2

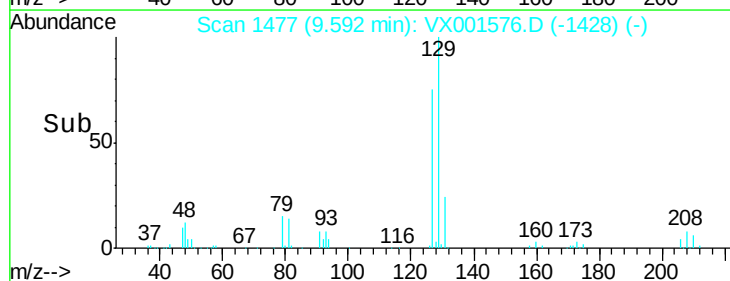
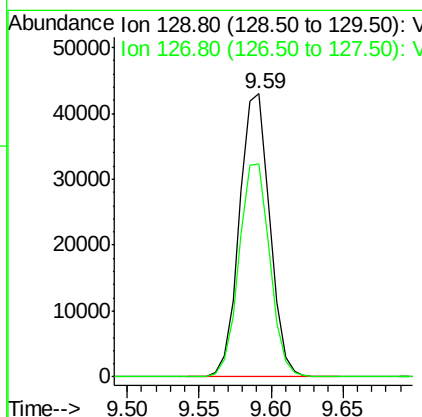
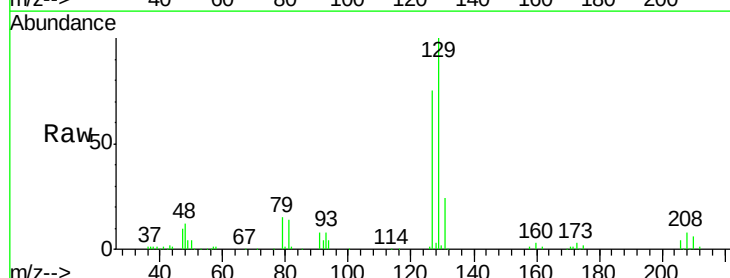
Manual Integrations
APPROVED

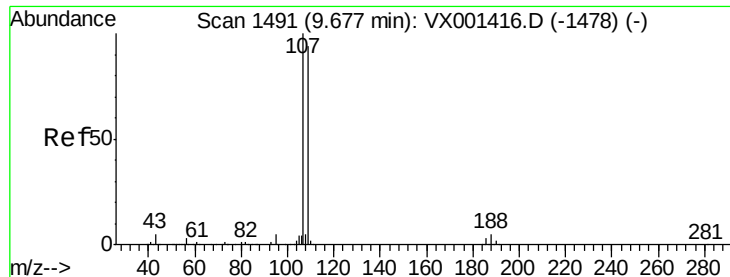
MMDadoda
5/10/2018 1:52:01 PM



#60
Dibromochloromethane
Concen: 21.39 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.1	114.5





#61

1,2-Dibromoethane

Concen: 21.69 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampled :

VX0509MBS02

Tot Ion:107 Resp: 65191

Ion Ratio Lower Upper

107 100

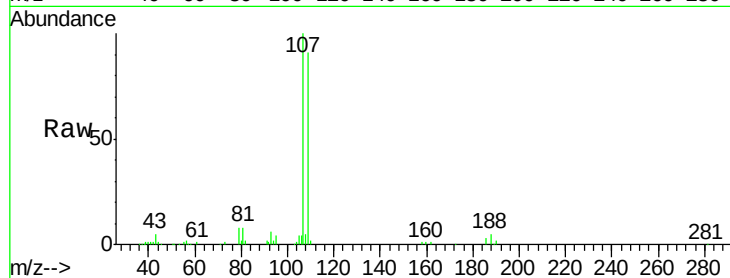
109 93.1 75.5 113.3

Manual Integrations

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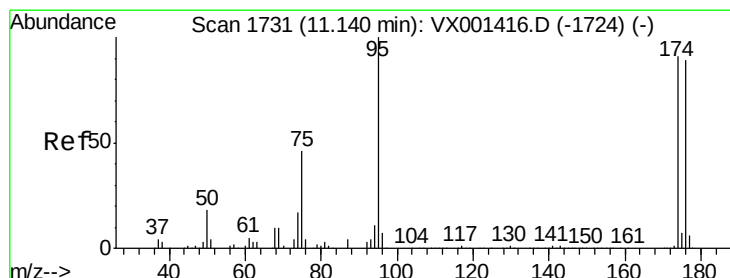
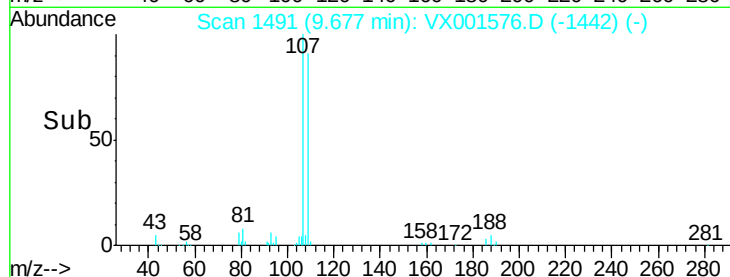
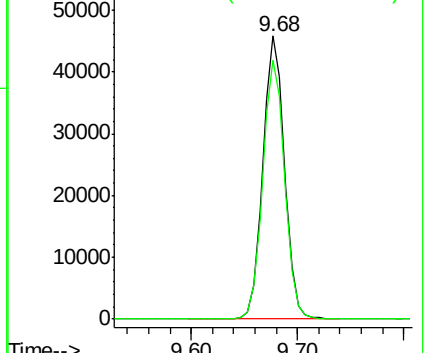
MMDadoda

5/10/2018 1:52:01 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

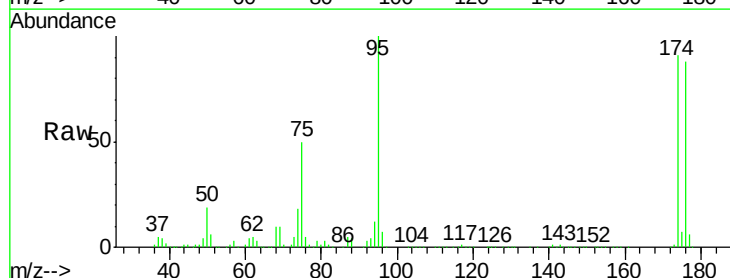
Tgt Ion: 95 Resp: 162704

Ion Ratio Lower Upper

95 100

174 100.5 0.0 202.0

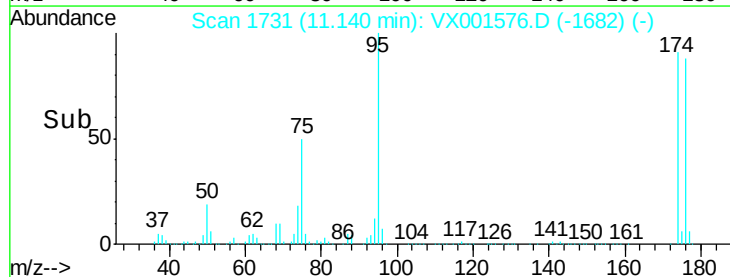
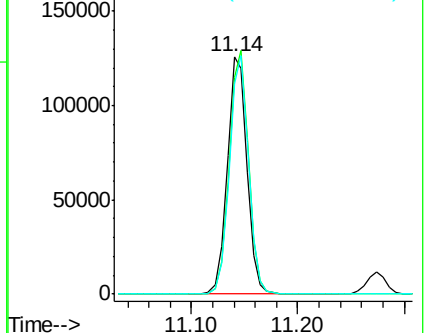
176 97.7 0.0 197.4

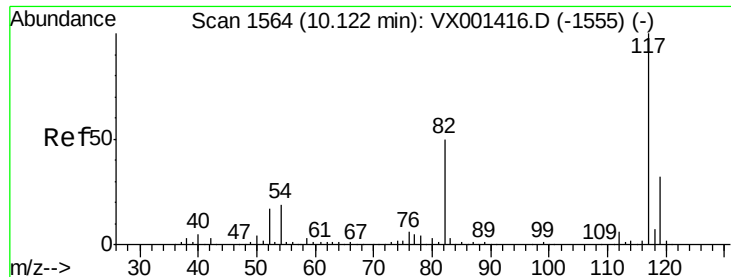


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





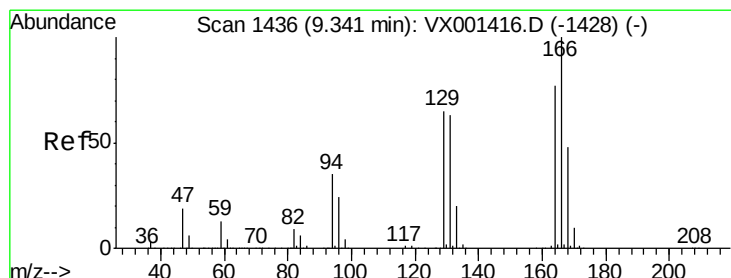
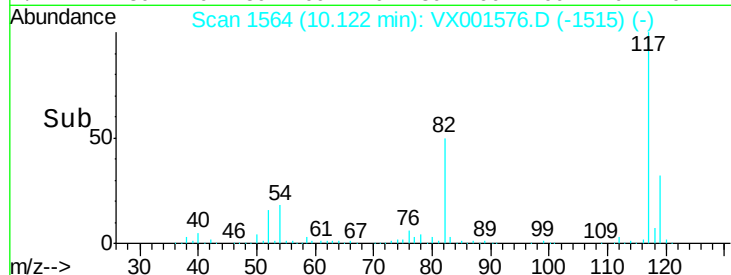
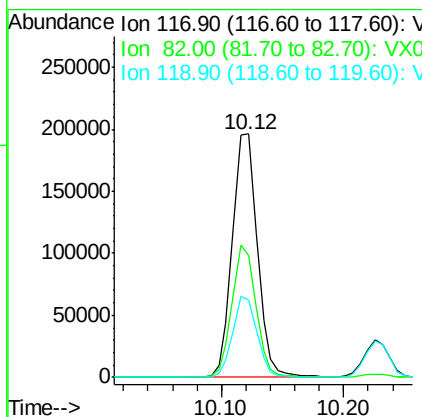
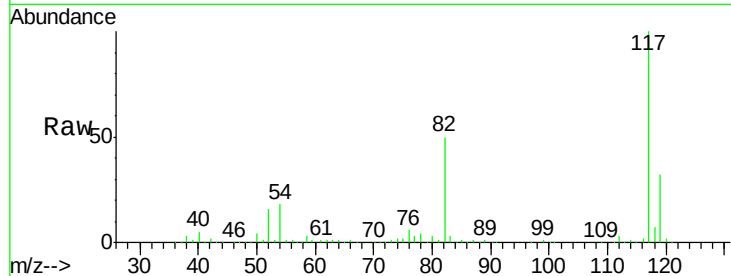
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	278116		
82	50.2		40.0	60.0
119	31.7		25.8	38.8

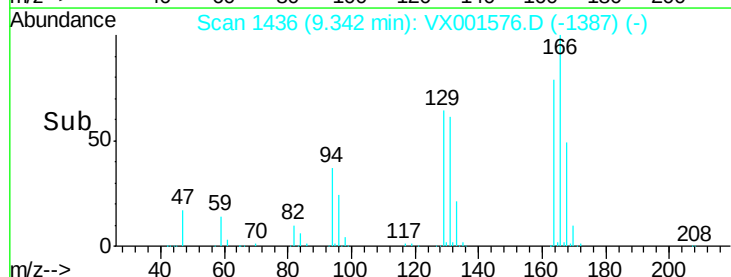
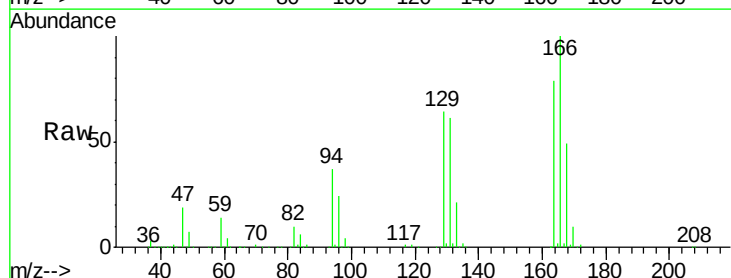
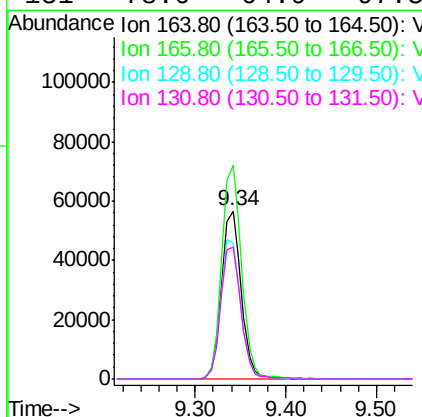
Manual Integrations
APPROVED

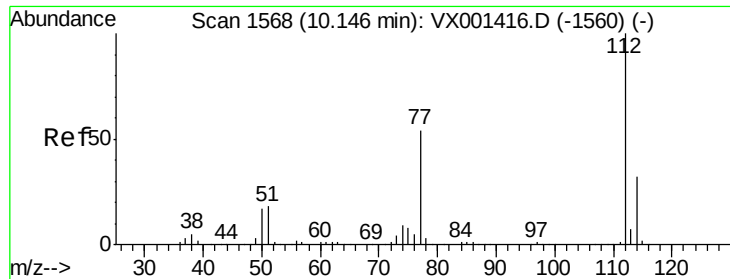
MMDadoda
5/10/2018 1:52:01 PM



#64
Tetrachloroethene
Concen: 22.34 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	86617		
166	126.9		103.5	155.3
129	80.7		66.7	100.1
131	78.0		64.9	97.3





#65

Chlorobenzene

Concen: 21.31 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampled :

VX0509MBS02

Tot Ion:112 Resp: 173786

Ion Ratio Lower Upper

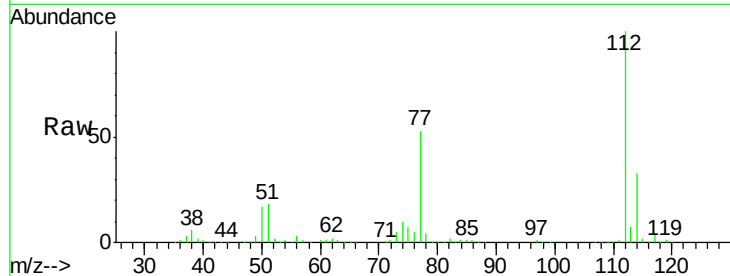
112 100

114 32.9 26.0 39.0

Manual Integrations
APPROVED

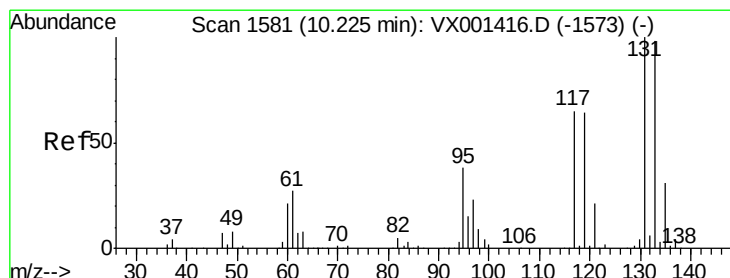
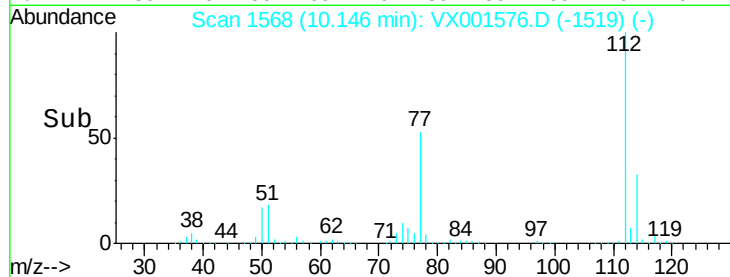
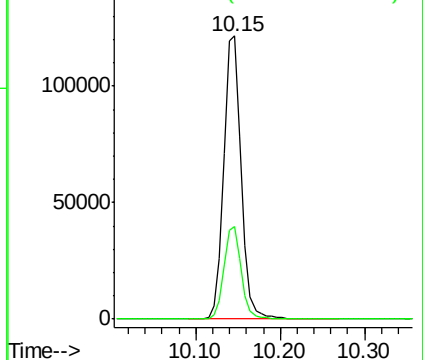
MMDadoda

5/10/2018 1:52:01 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.17 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

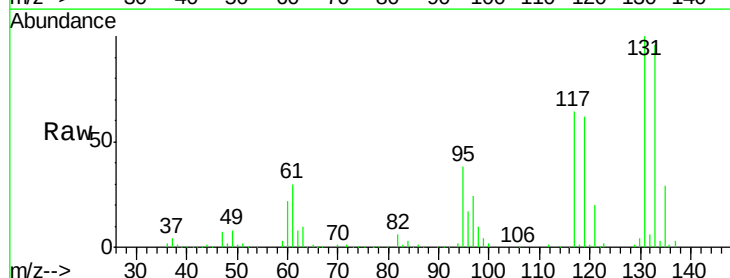
Tgt Ion:131 Resp: 64671

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.8

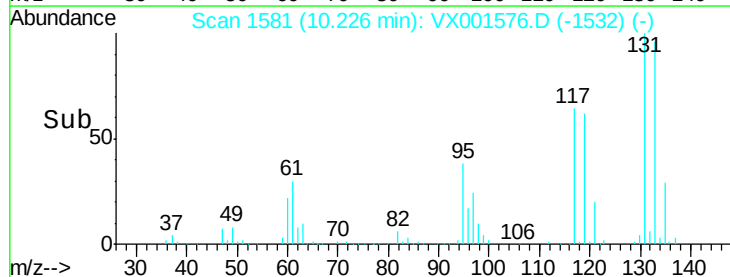
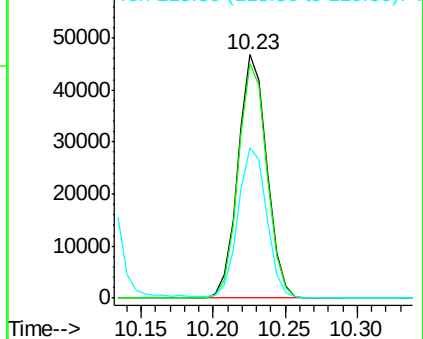
119 62.1 31.1 93.3

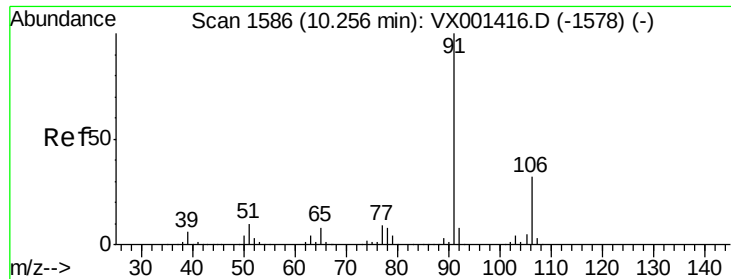


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





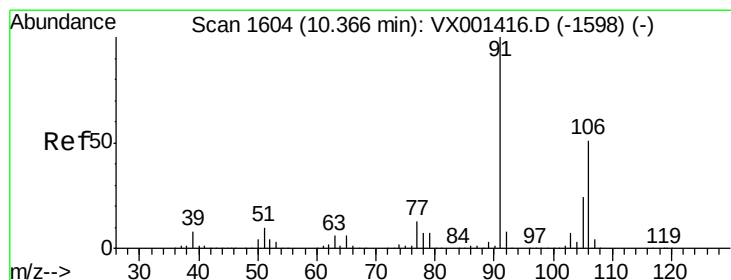
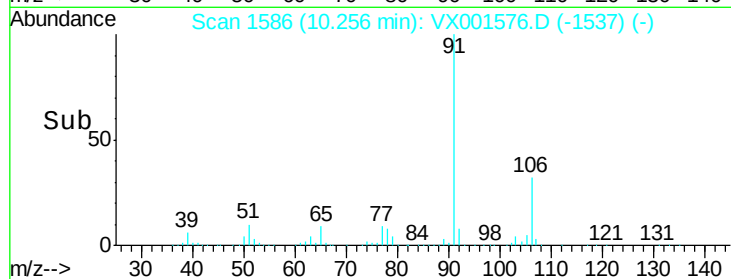
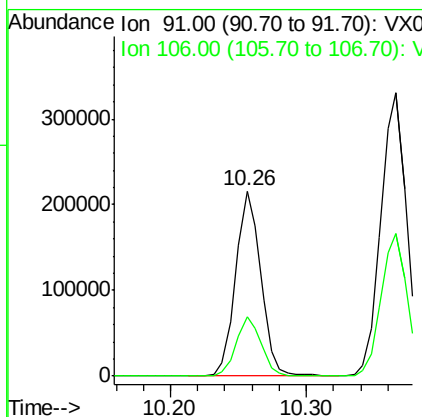
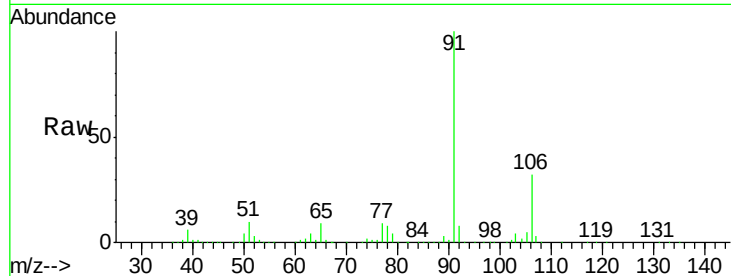
#67
Ethyl Benzene
Concen: 20.90 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion: 91 Resp: 279466
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3

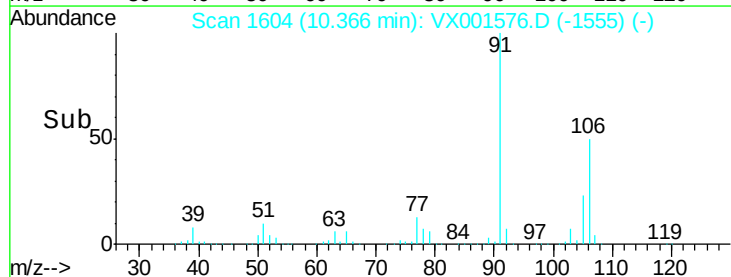
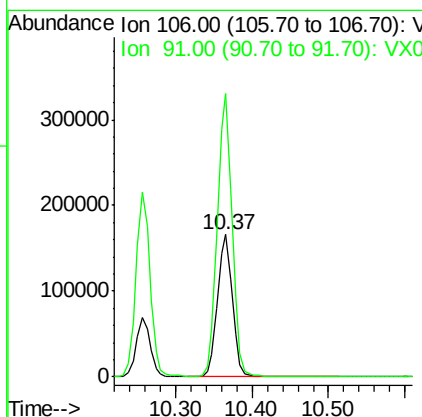
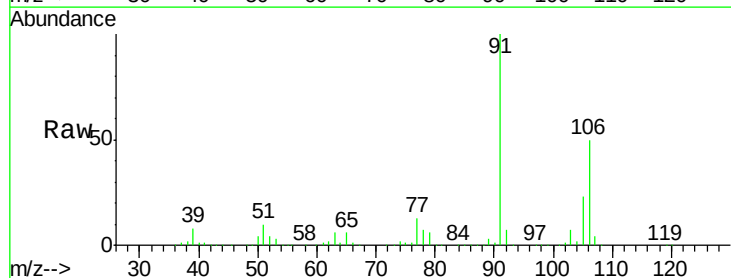
Manual Integrations
APPROVED

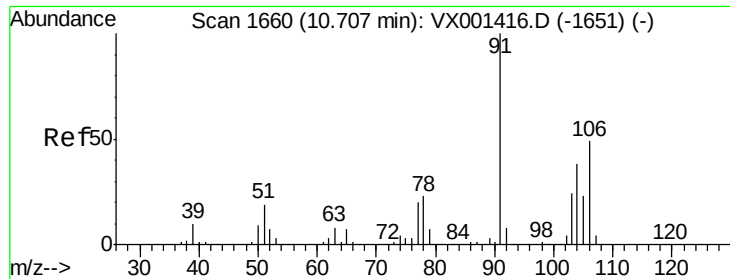
MMDadoda
5/10/2018 1:52:01 PM



#68
m/p-Xylenes
Concen: 42.39 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion: 106 Resp: 223913
Ion Ratio Lower Upper
106 100
91 197.2 157.5 236.3





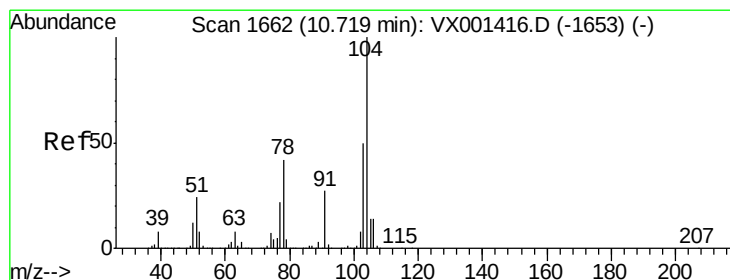
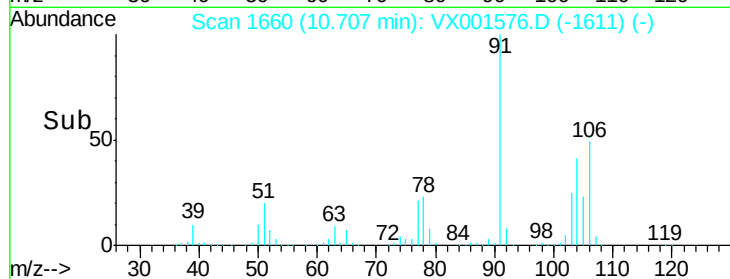
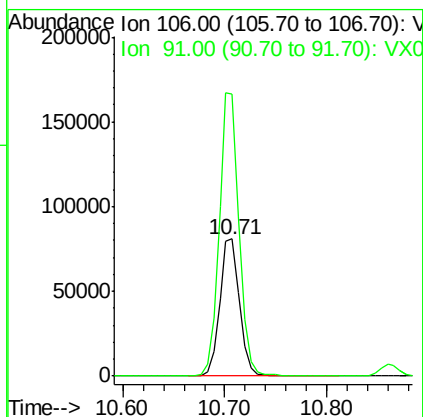
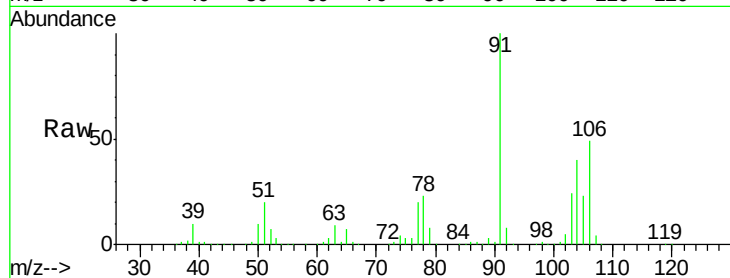
#69
o-Xylene
Concen: 21.39 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion:106 Resp: 109812
Ion Ratio Lower Upper
106 100
91 206.8 103.1 309.1

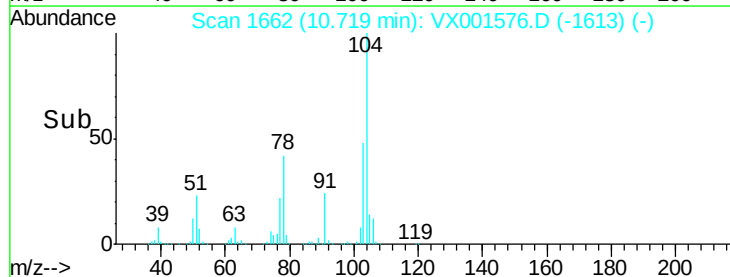
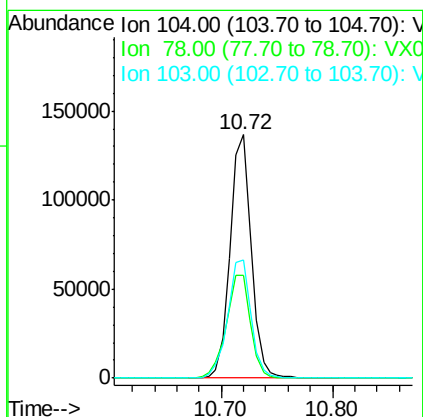
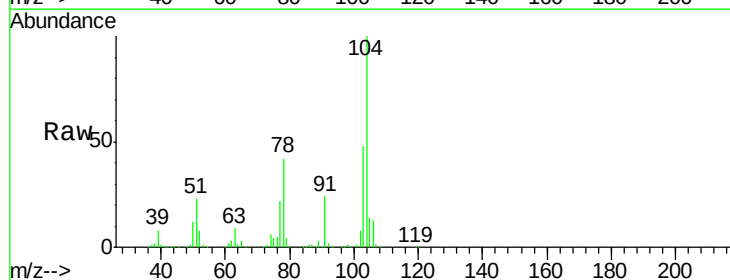
Manual Integrations
APPROVED

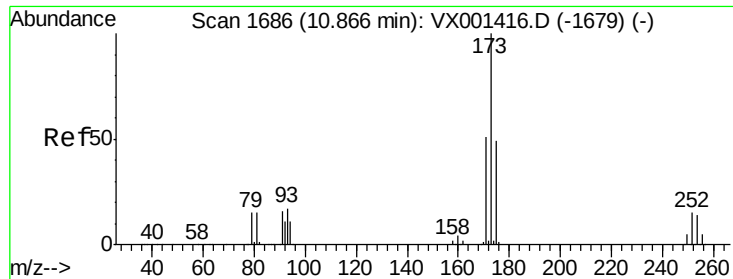
MMDadoda
5/10/2018 1:52:01 PM



#70
Styrene
Concen: 21.55 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion:104 Resp: 179748
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 53.9 44.0 66.0





#71

Bromoform

Concen: 19.88 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

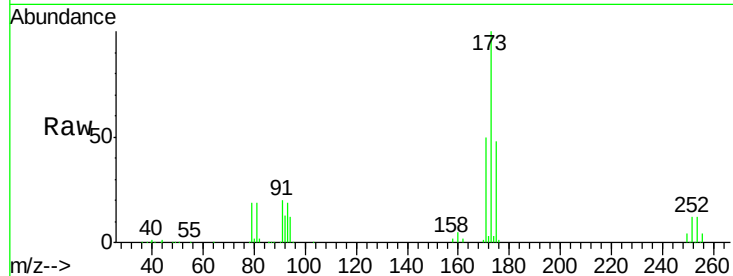
ClientSampleId :

VX0509MBS02

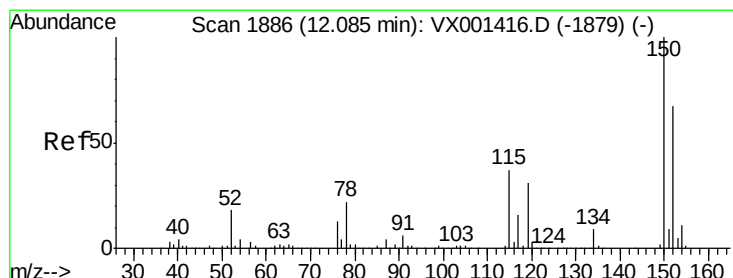
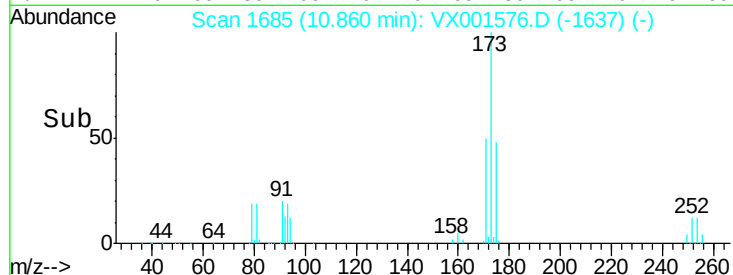
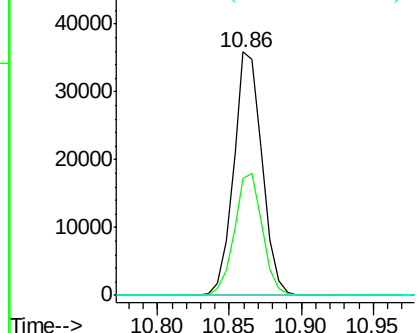
Tot Ion:173	Resp:	49277
Ion Ratio	Lower	Upper
173 100		
175 49.3	24.5	73.5
254 0.2	0.2	0.2

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

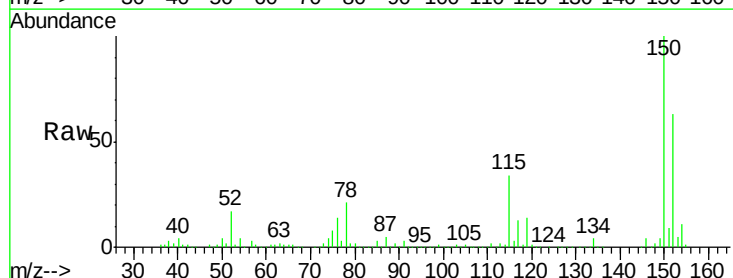
RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

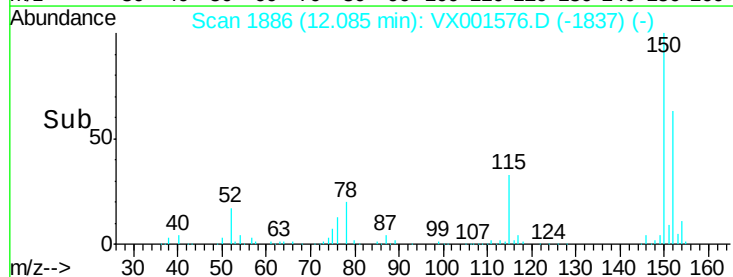
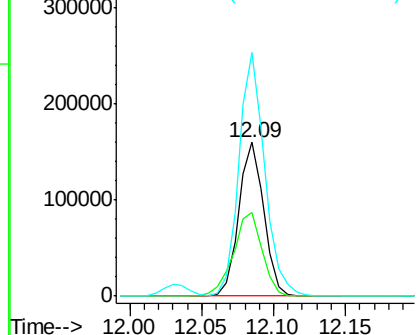
Lab File: VX001576.D

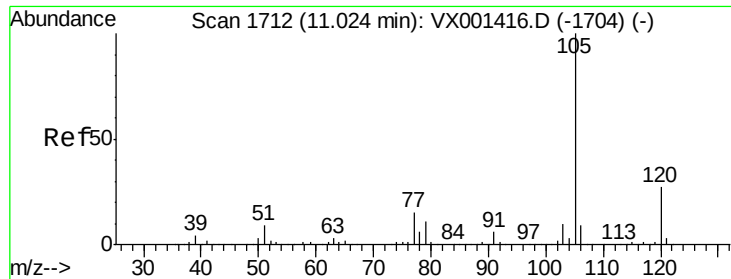
Acq: 10 May 2018 01:07

Tgt Ion:152	Resp:	192879
Ion Ratio	Lower	Upper
152 100		
115 63.0	37.7	113.1
150 164.3	0.0	349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.13 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBS02

Tot Ion:105 Resp: 295448

Ion Ratio Lower Upper

105 100

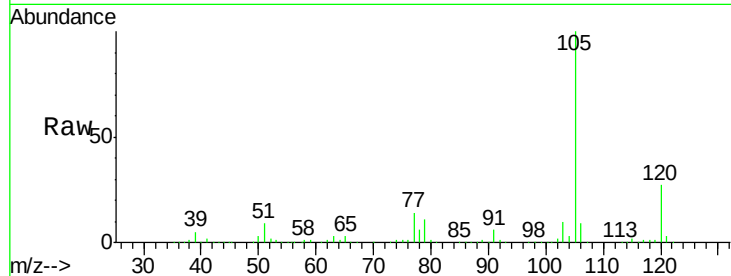
120 27.2 13.6 40.8

Manual Integrations

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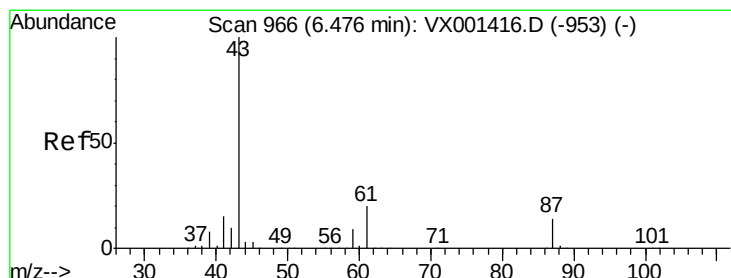
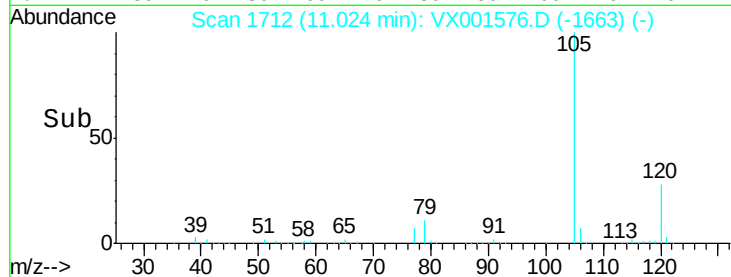
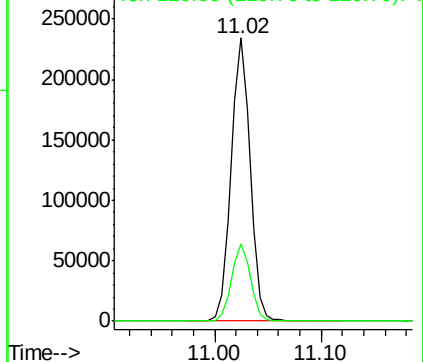
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.87 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Tgt Ion: 43 Resp: 132640

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

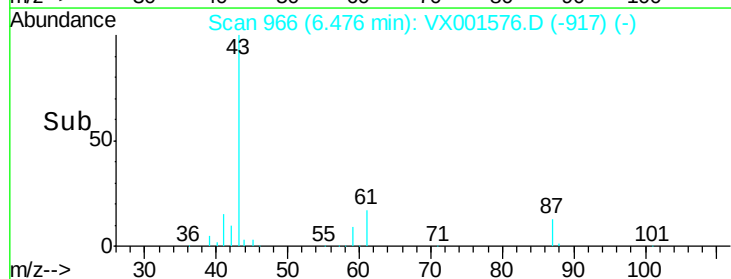
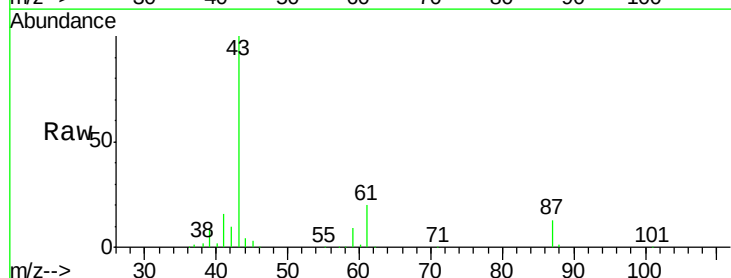
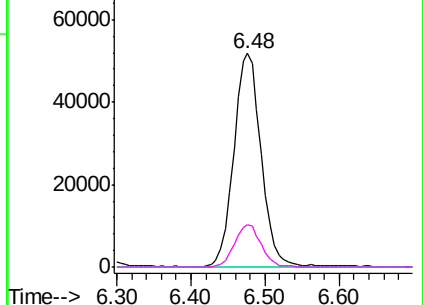
61 19.4 15.4 23.0

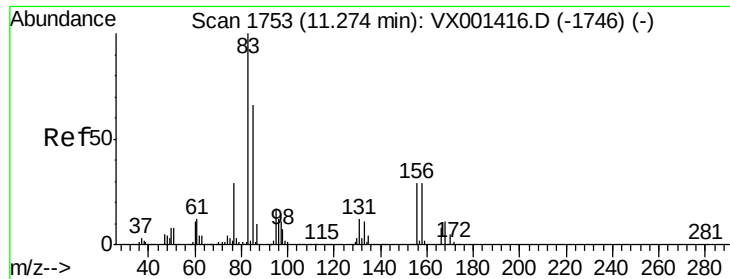
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.05 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBS02

Tot Ion: 83 Resp: 86970

Ion Ratio Lower Upper

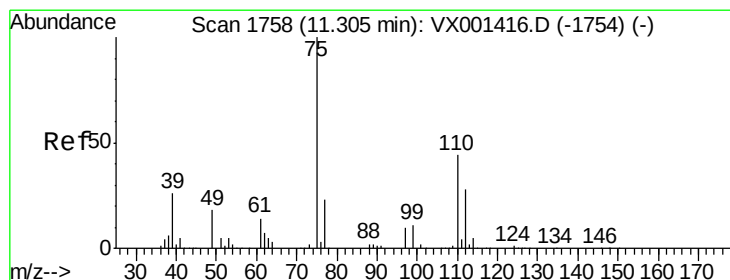
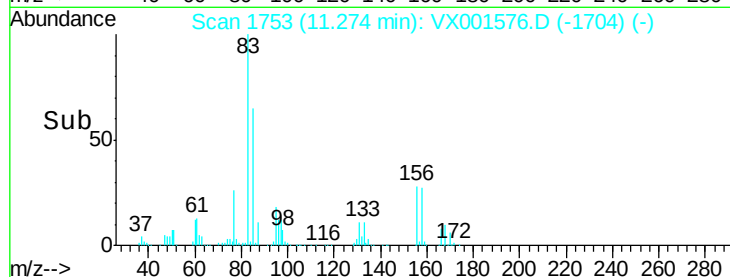
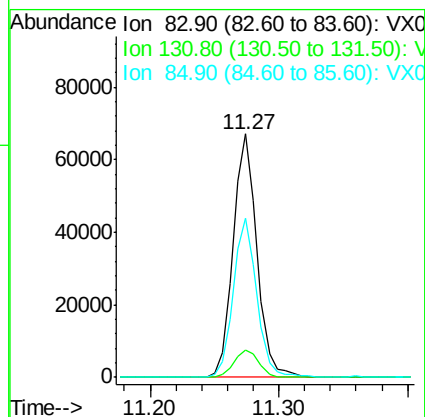
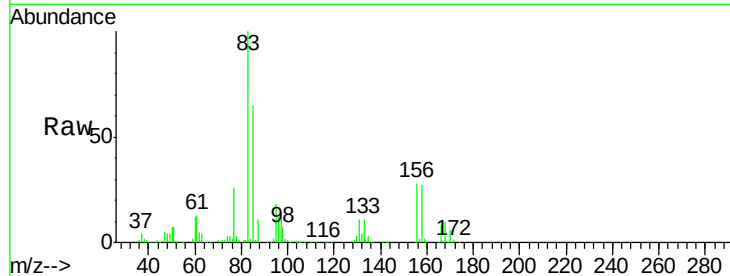
83 100

131 11.4 5.8 17.4

85 64.7 32.7 98.1

Manual Integrations
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5/10/2018 1:52:01 PM



#76

1,2,3-Trichloropropane

Concen: 22.12 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001576.D

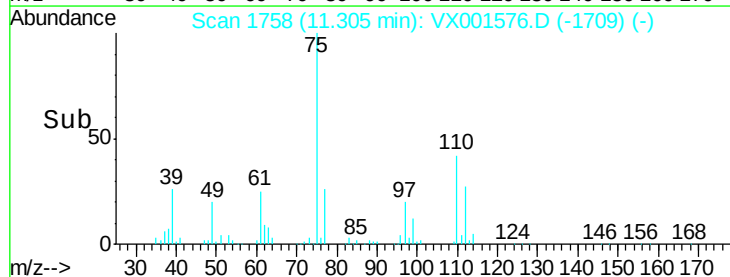
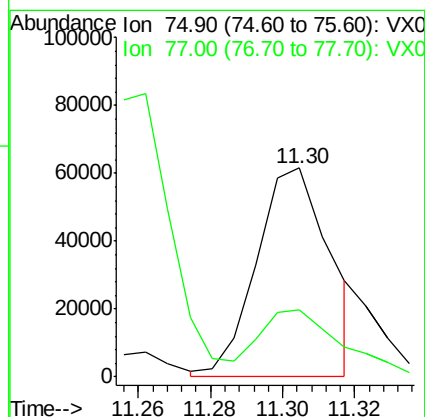
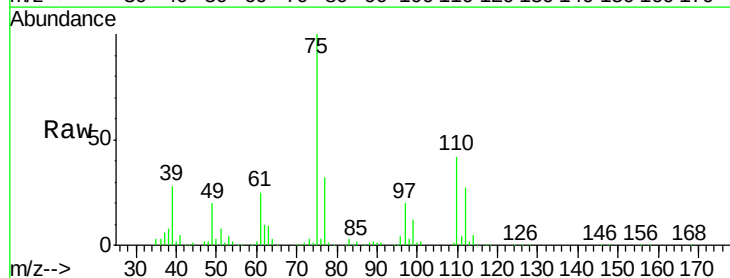
Acq: 10 May 2018 01:07

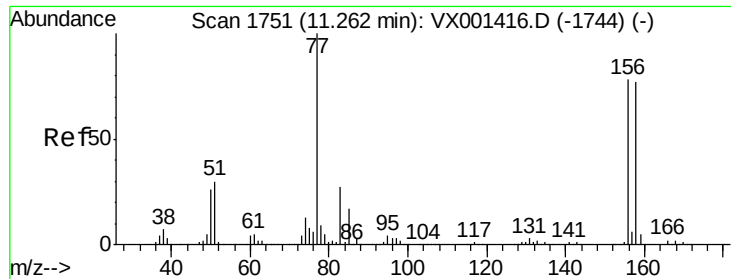
Tgt Ion: 75 Resp: 86539

Ion Ratio Lower Upper

75 100

77 36.2 19.6 58.7





#77

Bromobenzene

Concen: 21.72 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBS02

Tot Ion:156 Resp: 84302

Ion Ratio Lower Upper

156 100

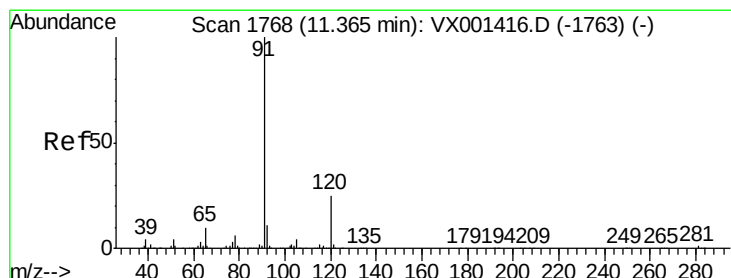
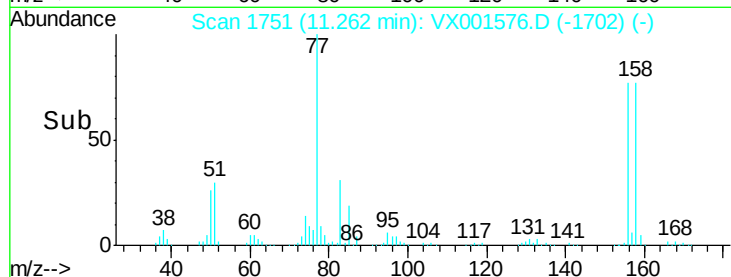
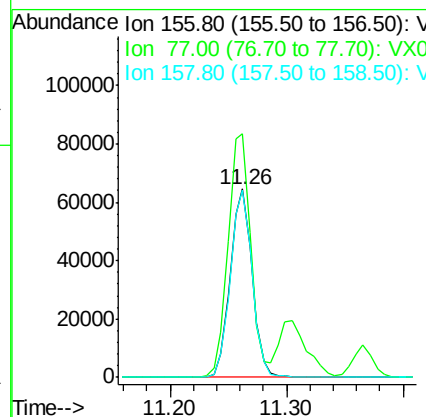
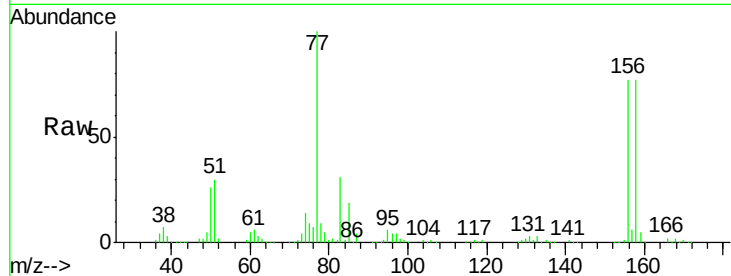
77 133.6 66.0 198.2

158 98.7 49.4 148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 21.97 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001576.D

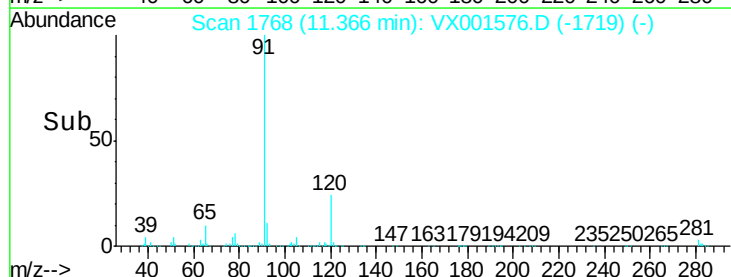
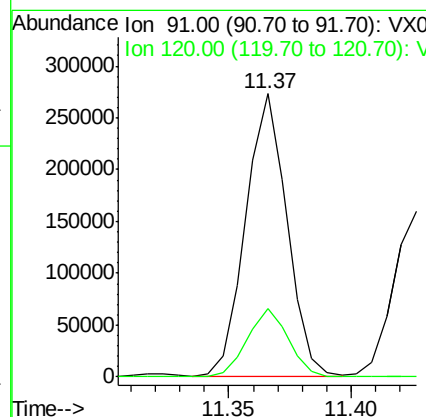
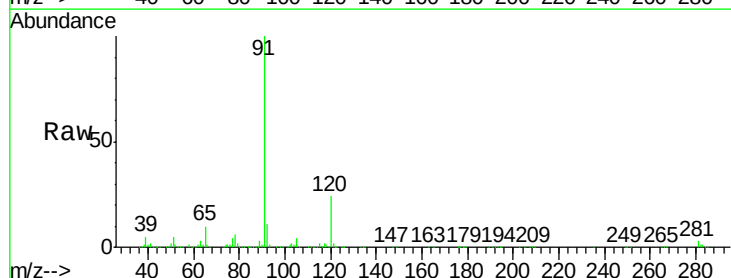
Acq: 10 May 2018 01:07

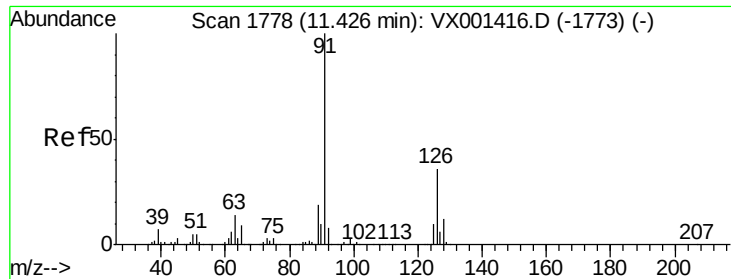
Tgt Ion: 91 Resp: 319413

Ion Ratio Lower Upper

91 100

120 24.3 12.5 37.5





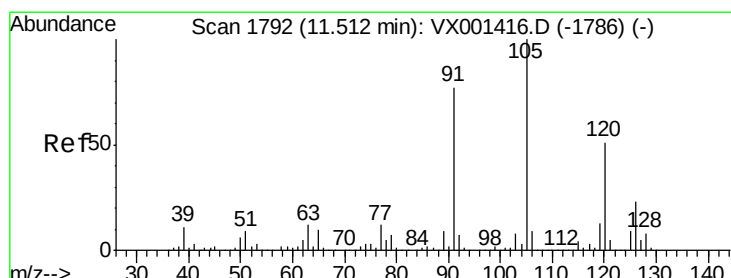
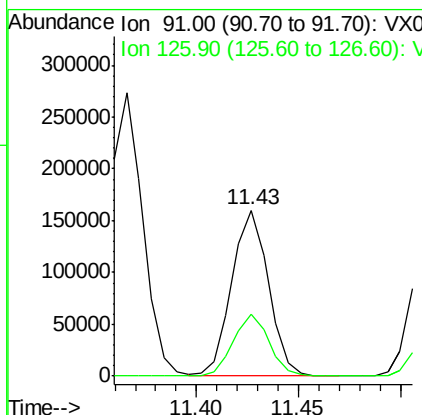
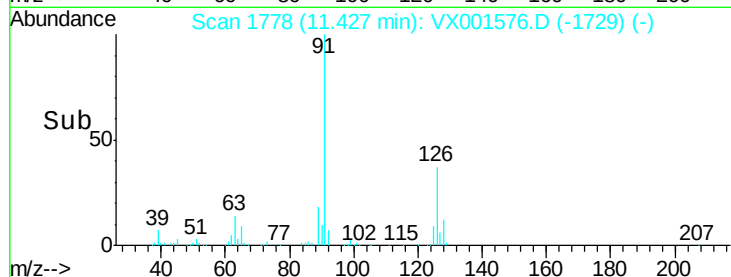
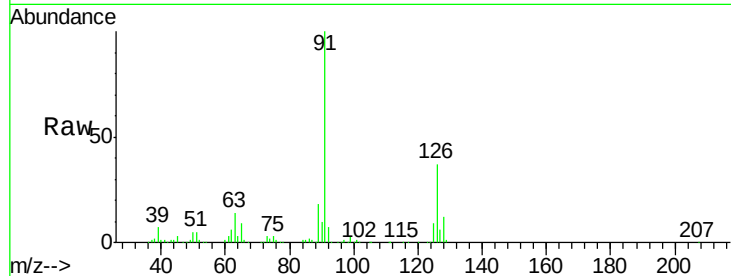
#79
 2-Chlorotoluene
 Concen: 22.19 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Tot Ion: 91 Resp: 198521
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.1 54.4

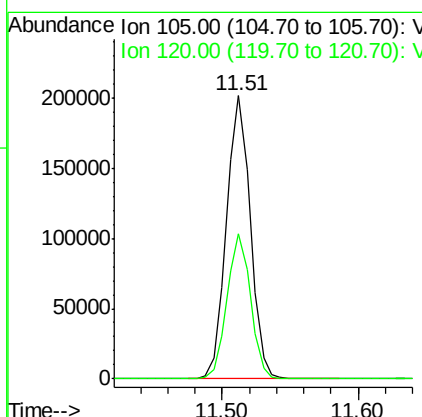
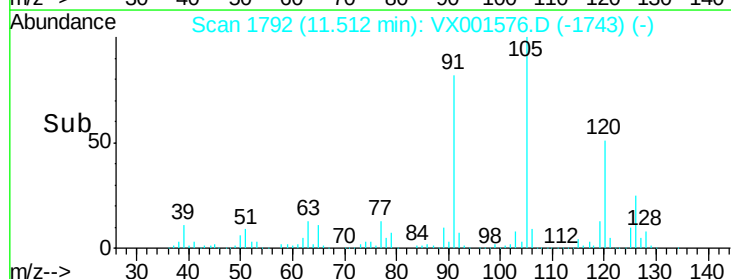
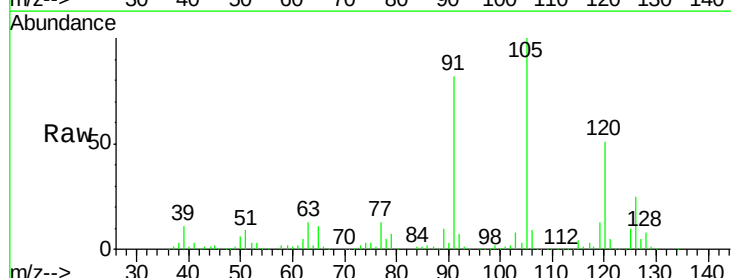
Manual Integrations
 APPROVED

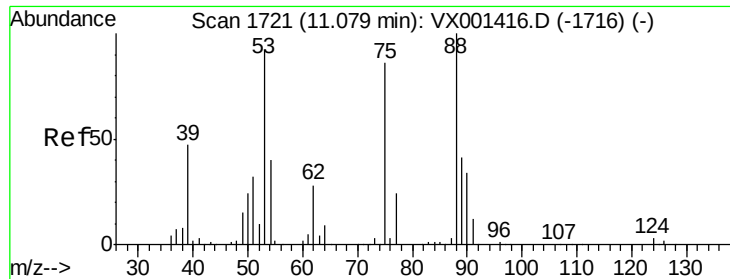
MMDadoda
 5/10/2018 1:52:01 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 22.06 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Tgt Ion: 105 Resp: 245235
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.7 77.1





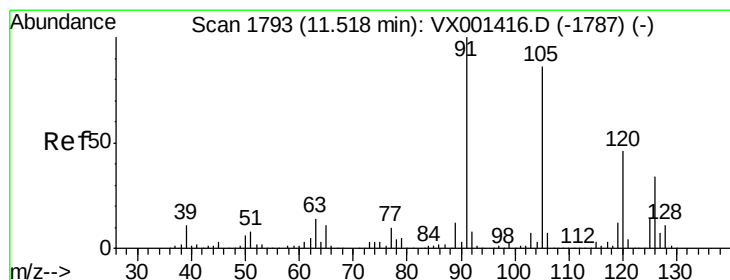
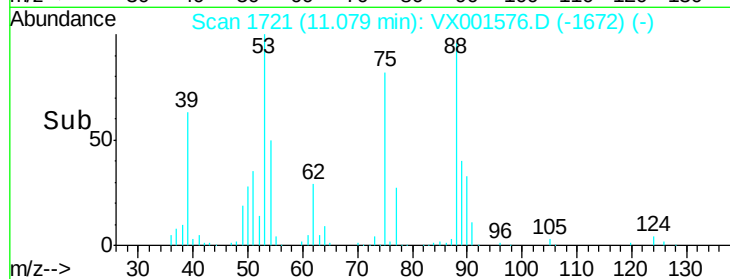
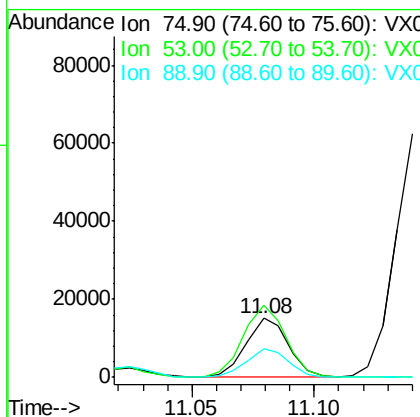
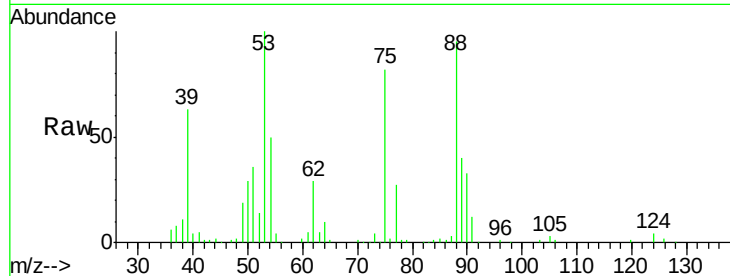
#81
trans-1,4-Dichloro-2-butene
Concen: 17.93 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	124.7	84.5	126.7
89	48.2	39.5	59.3

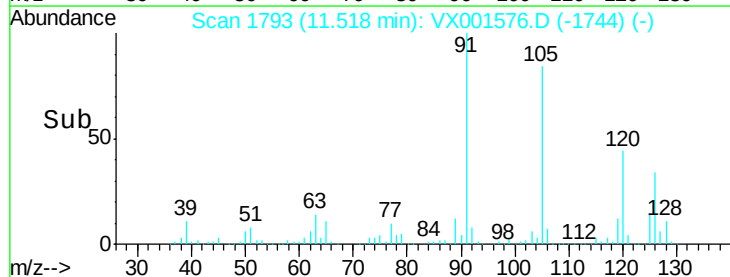
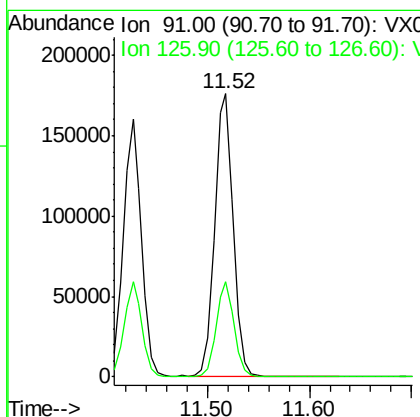
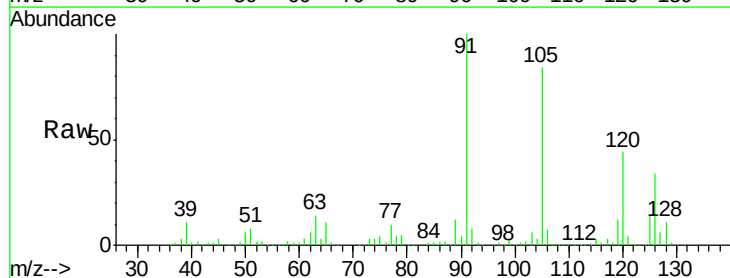
Manual Integrations
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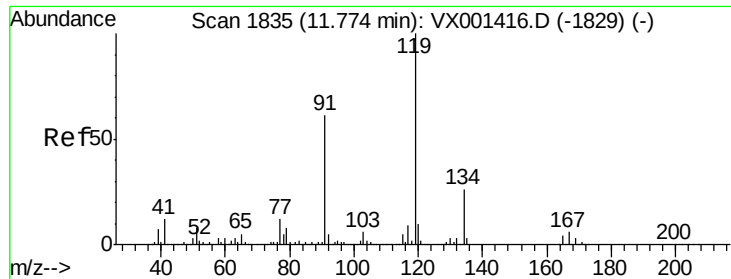
MMDadoda
5/10/2018 1:52:01 PM



#82
4-Chlorotoluene
Concen: 21.95 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.2	48.5





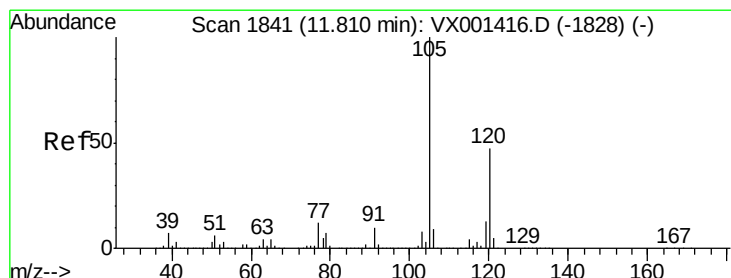
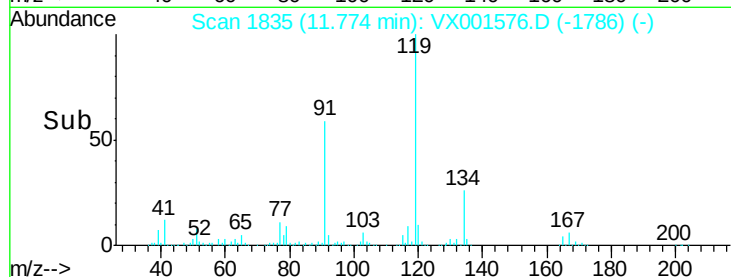
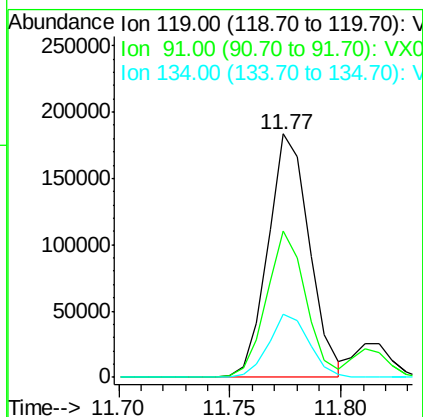
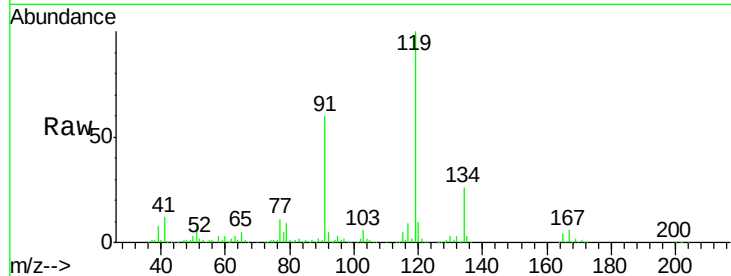
#83
 tert-Butylbenzene
 Concen: 21.38 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	27.8	83.3
134	25.4	12.4	37.0

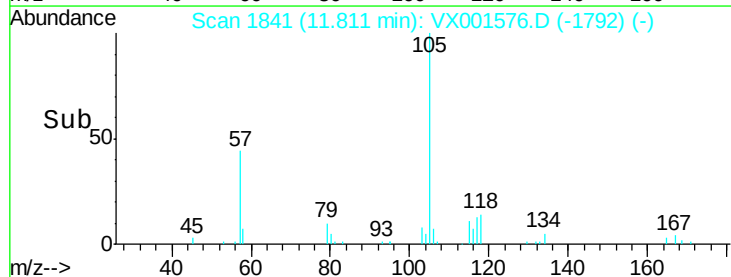
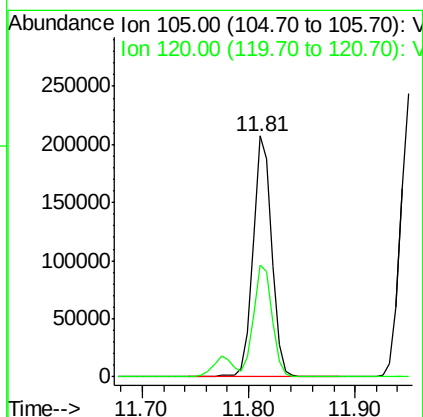
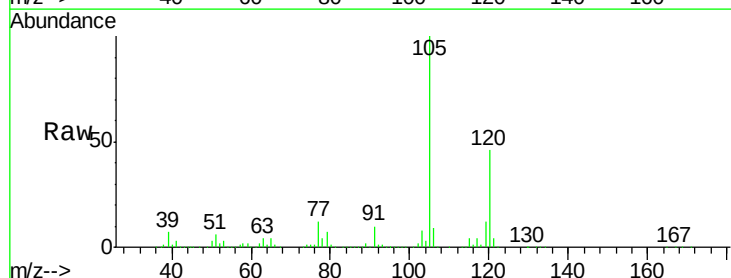
Manual Integrations
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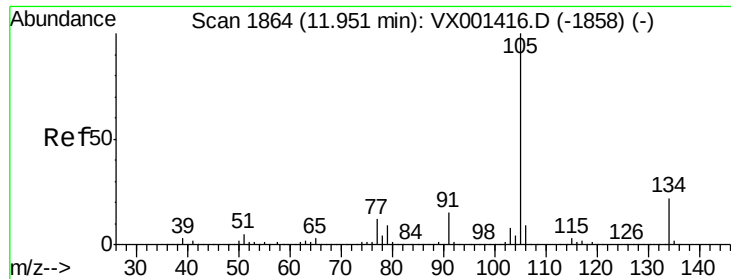
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.30 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.4	70.2





#85

sec-Butylbenzene

Concen: 21.88 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBS02

Tot Ion:105 Resp: 290453

Ion Ratio Lower Upper

105 100

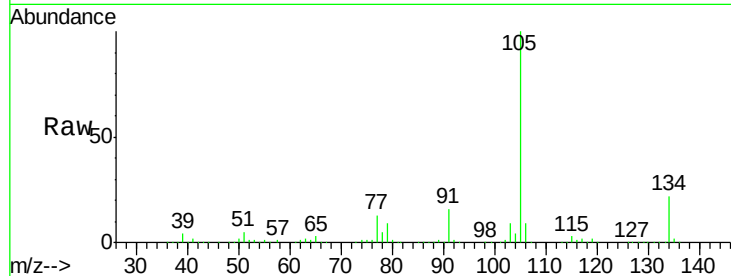
134 21.8 10.9 32.9

Manual Integrations

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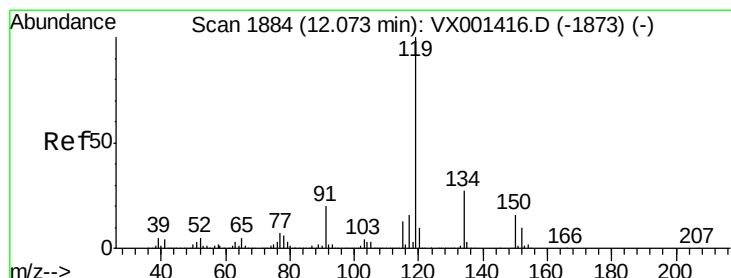
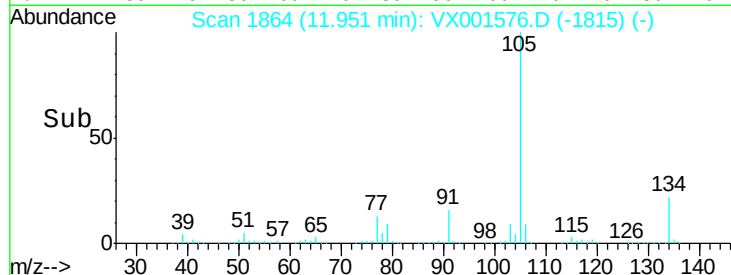
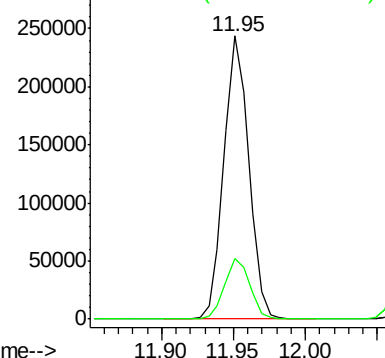
MMDadoda

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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: 21.96 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

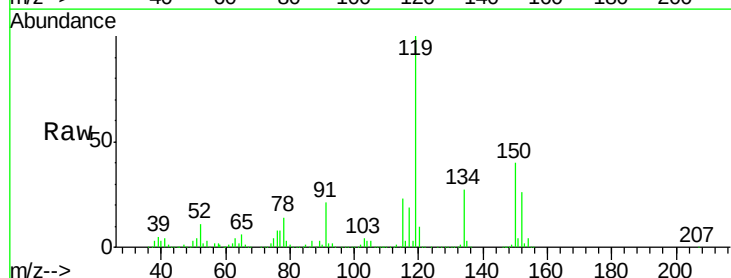
Tgt Ion:119 Resp: 267521

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

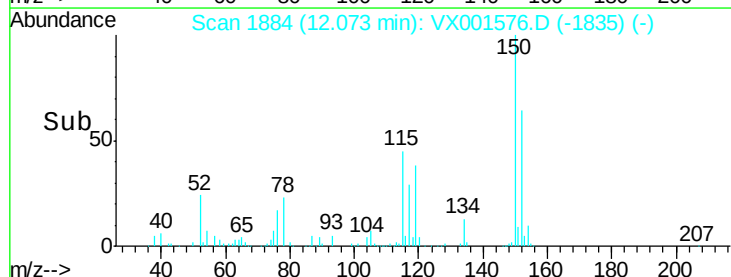
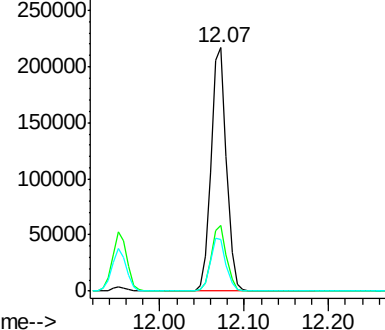
91 22.0 10.8 32.3

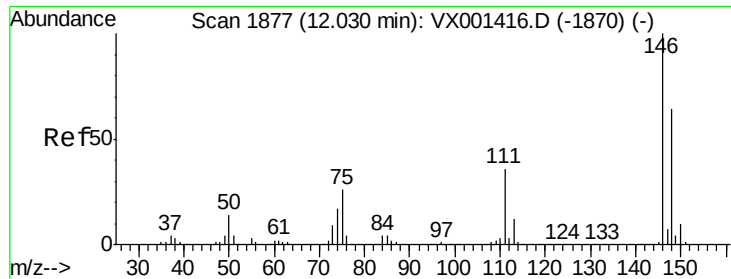


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





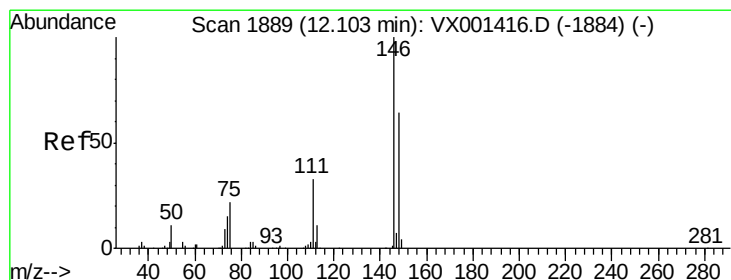
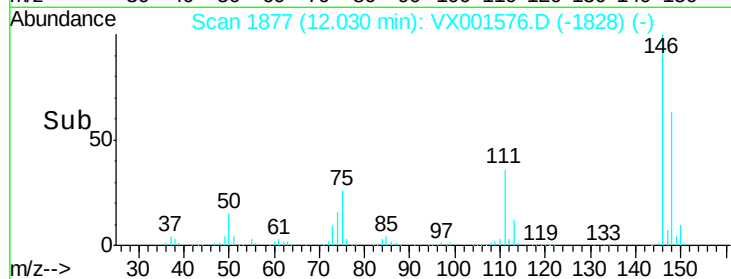
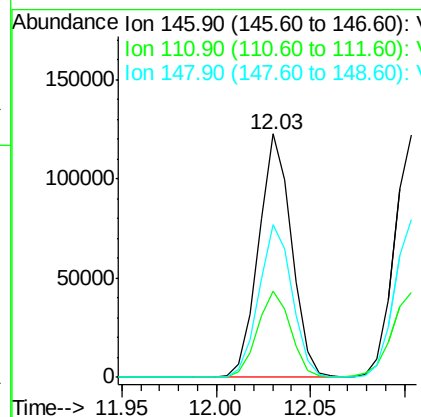
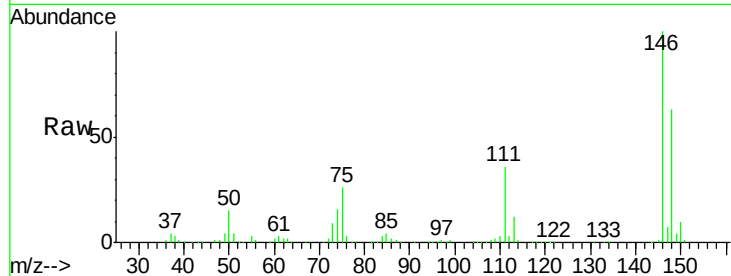
#87
 1,3-Dichlorobenzene
 Concen: 21.40 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.1
148	63.5	32.1	96.5

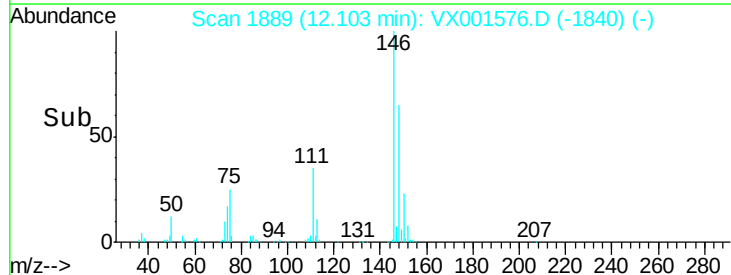
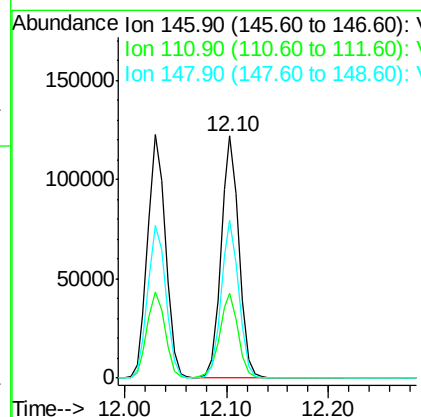
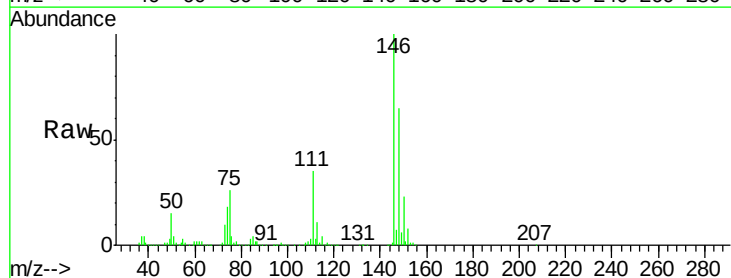
Manual Integrations
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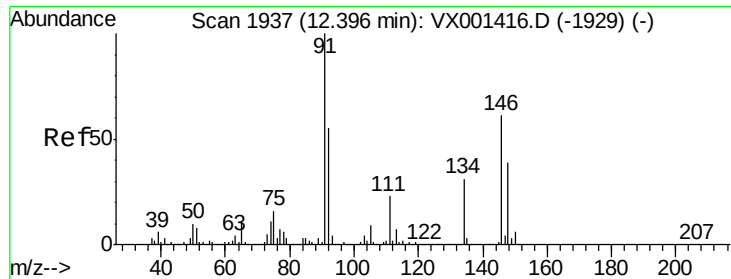
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 5/10/2018 1:52:01 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.28 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	17.4	52.3
148	64.8	32.2	96.6





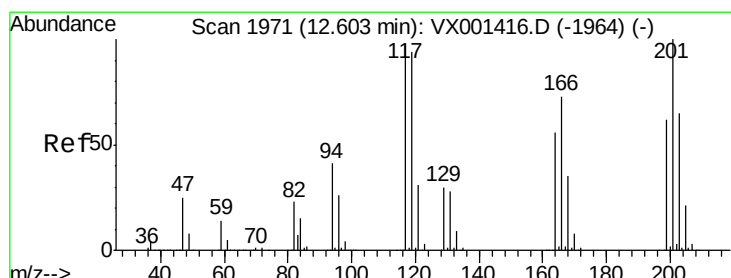
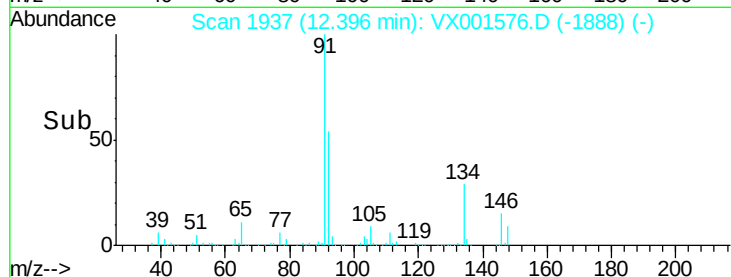
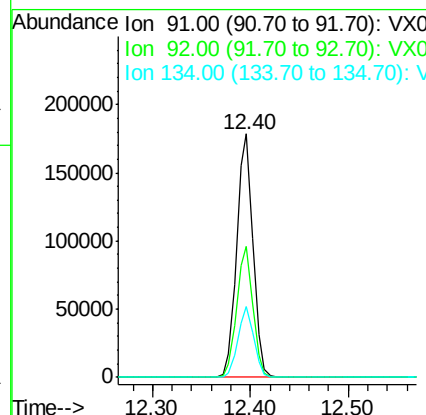
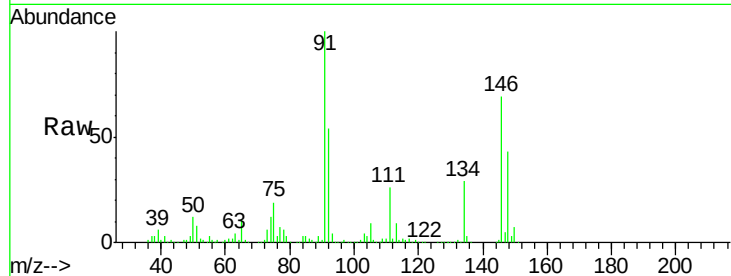
#89
n-Butylbenzene
Concen: 20.37 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	205579		
92	53.4		27.2	81.5
134	28.4		14.6	44.0

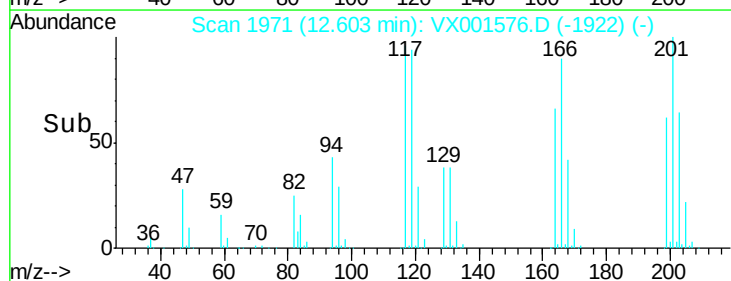
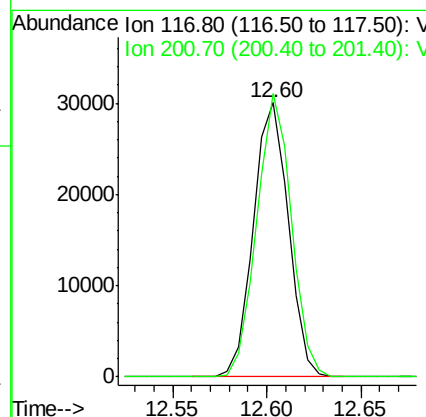
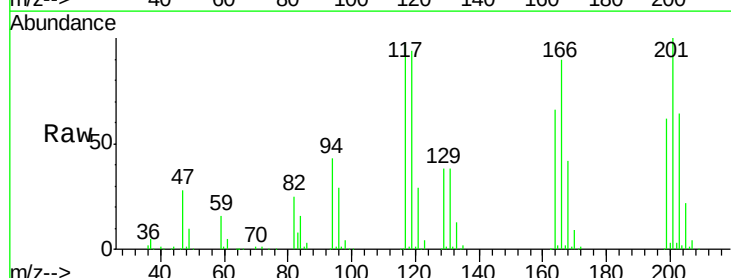
Manual Integrations
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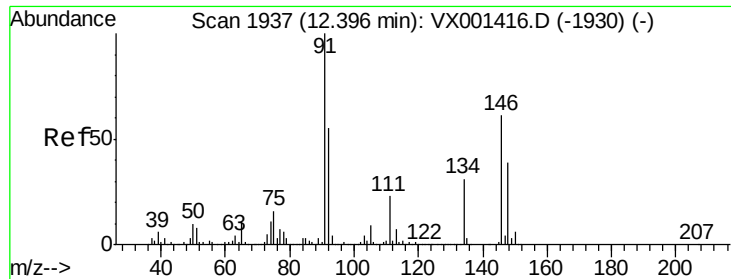
MMDadoda
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#90
Hexachloroethane
Concen: 21.08 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001576.D
Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38663		
201	102.1		51.5	154.5





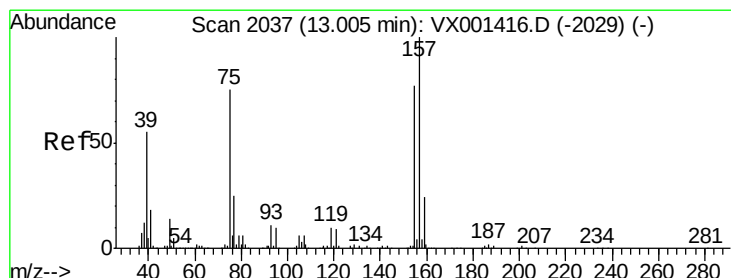
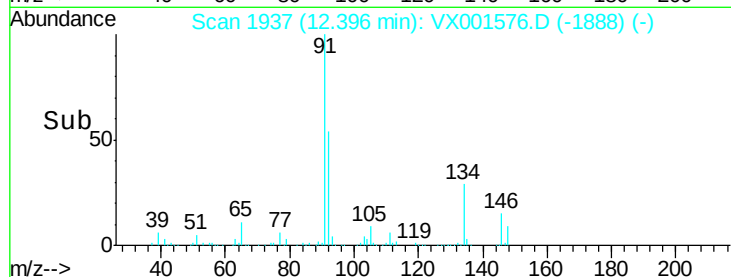
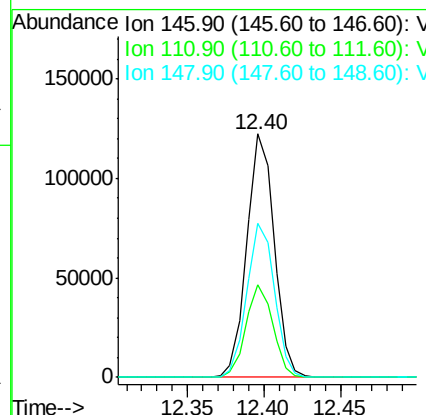
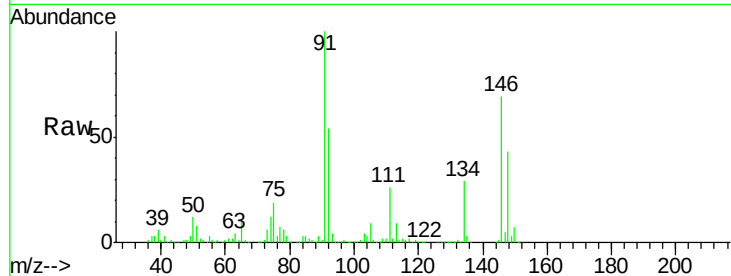
#91
 1,2-Dichlorobenzene
 Concen: 21.62 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	152648		
111	37.5	18.6	55.8	
148	63.9	32.1	96.5	

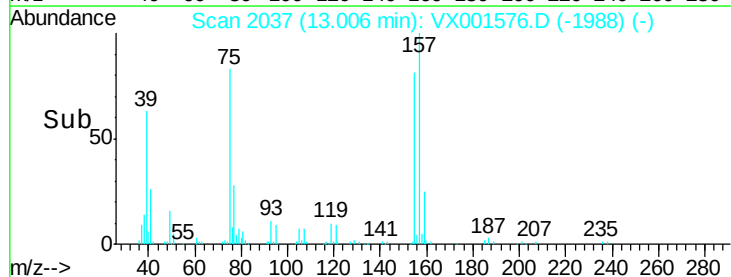
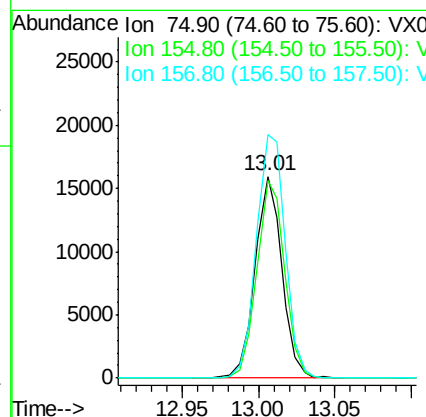
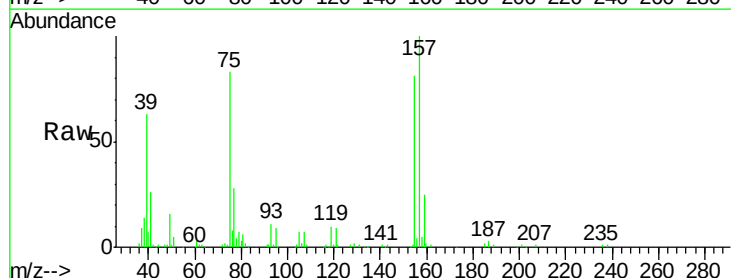
Manual Integrations
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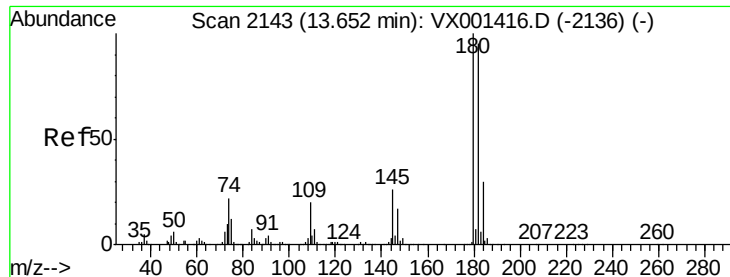
MMDadoda
 5/10/2018 1:52:01 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.42 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19428		
155	101.6	53.4	160.2	
157	130.1	68.3	204.8	





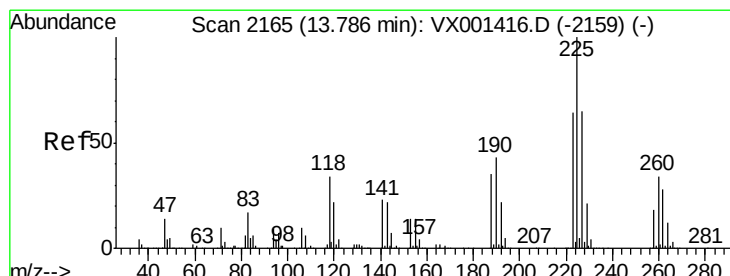
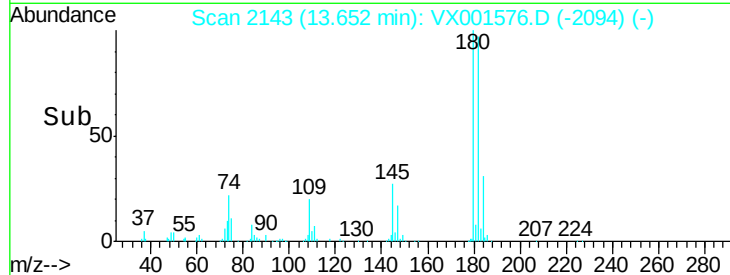
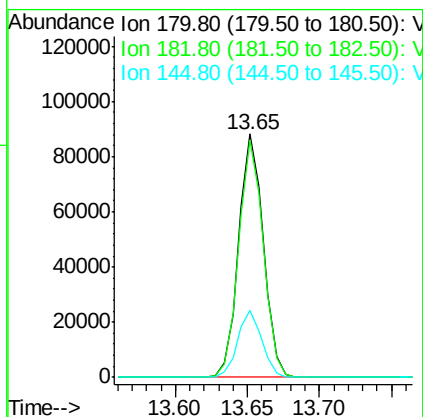
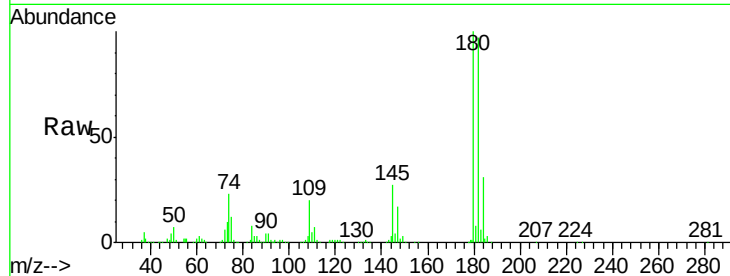
#93
 1,2,4-Trichlorobenzene
 Concen: 20.34 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	105107		
182	97.0	47.8	143.4	
145	27.1	13.3	39.9	

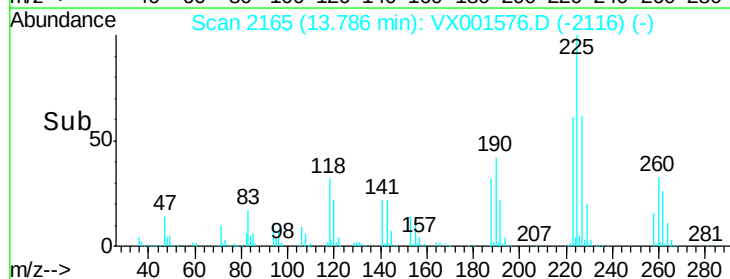
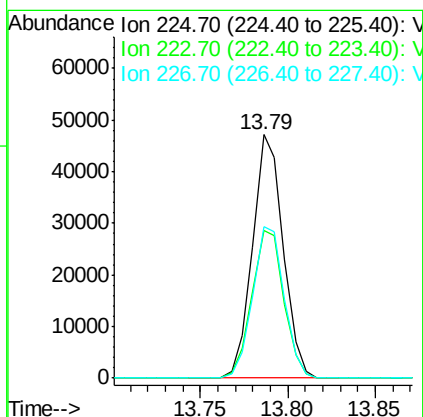
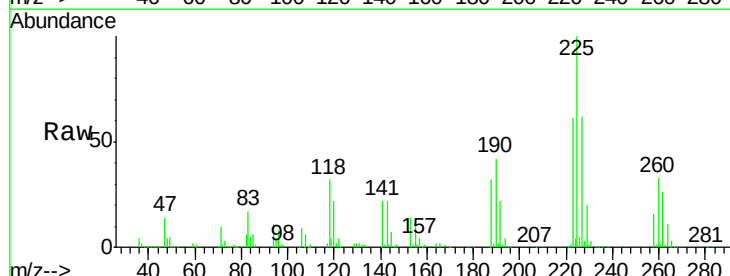
Manual Integrations
 APPROVED

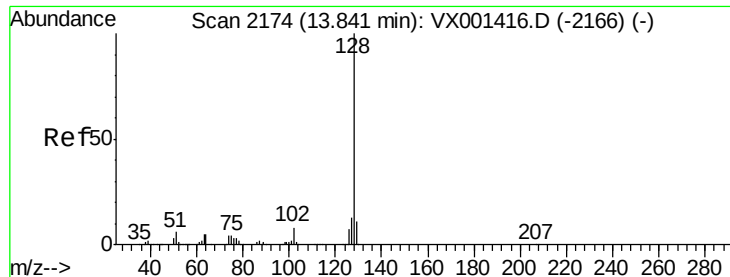
MMDadoda
 5/10/2018 1:52:01 PM



#94
 Hexachlorobutadiene
 Concen: 20.26 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001576.D
 Acq: 10 May 2018 01:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57258		
223	63.8	31.3	93.9	
227	64.1	32.4	97.2	





#95

Naphthalene

Concen: 21.71 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Instrument :

MSVOA_X

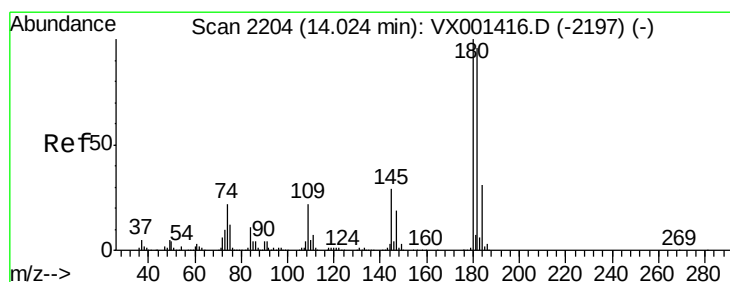
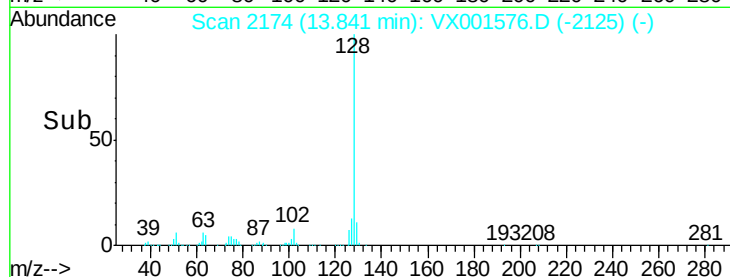
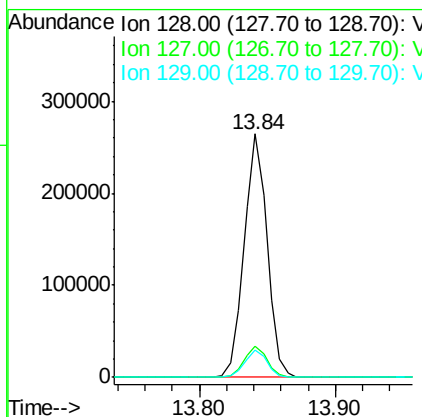
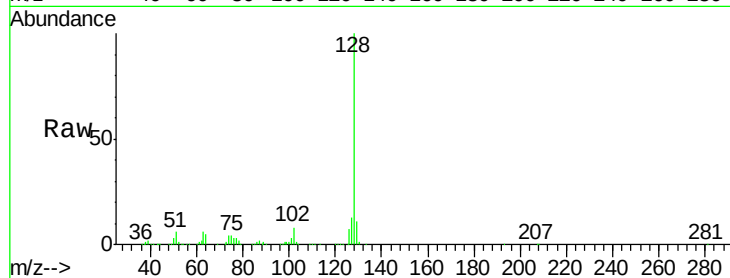
ClientSampleId :

VX0509MBS02

Tot Ion:	128	Resp:	310262
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:52:01 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.62 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001576.D

Acq: 10 May 2018 01:07

Tgt Ion:	180	Resp:	114611
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.2
145	28.6	14.1	42.4

