

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002649.D
 Acq On : 16 Jun 2018 15:34
 Operator : JC/MD
 Sample : J3477-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 08:09:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	164047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	281637	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	171750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	154357	61.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.84%	
35) Dibromofluoromethane	5.51	113	120950	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
50) Toluene-d8	8.72	98	423862	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.14	95	163305	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57321	32.91	ug/l	100
3) Chloromethane	1.32	50	111915	54.02	ug/l	99
4) Vinyl Chloride	1.41	62	136377	63.44	ug/l #	83
5) Bromomethane	1.64	94	55437	42.74	ug/l	98
6) Chloroethane	1.72	64	95935	67.71	ug/l	95
7) Trichlorofluoromethane	1.93	101	146379	41.91	ug/l	99
8) Diethyl Ether	2.19	74	83273	62.69	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69185	35.44	ug/l	99
10) Methyl Iodide	2.51	142	125009	47.71	ug/l	99
11) Tert butyl alcohol	3.08	59	150515	292.06	ug/l	98
12) 1,1-Dichloroethene	2.37	96	88747	48.42	ug/l	100
13) Acrolein	2.30	56	65326	269.83	ug/l	99
14) Allyl chloride	2.73	41	196555	54.01	ug/l	97
15) Acrylonitrile	3.15	53	358494	318.78	ug/l	100
16) Acetone	2.45	43	341934	310.89	ug/l	99
17) Carbon Disulfide	2.57	76	241337	55.51	ug/l	99
18) Methyl Acetate	2.78	43	155402	53.04	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	427000	62.10	ug/l	98
20) Methylene Chloride	2.86	84	126821	56.24	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	113305	56.98	ug/l	95
22) Diisopropyl ether	3.88	45	394744	59.95	ug/l	98
23) Vinyl Acetate	3.83	43	1380699	250.53	ug/l	100
24) 1,1-Dichloroethane	3.70	63	200732	56.17	ug/l	100
25) 2-Butanone	4.71	43	464280	321.44	ug/l	98
26) 2,2-Dichloropropane	4.59	77	74939	29.18	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	159314	78.74	ug/l	87
28) Bromochloromethane	5.03	49	107959	64.50	ug/l	97
29) Tetrahydrofuran	5.17	42	304715	321.90	ug/l	97
30) Chloroform	5.22	83	214883	62.35	ug/l	99
31) Cyclohexane	5.57	56	114455	38.90	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	164403	57.04	ug/l	99
36) 1,1-Dichloropropene	5.81	75	126300	42.22	ug/l	99
37) Ethyl Acetate	4.87	43	150241	44.38	ug/l	99
38) Carbon Tetrachloride	5.79	117	133497	44.82	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104237	29.81	ug/l	99
40) Benzene	6.15	78	455573	50.79	ug/l	99
41) Methacrylonitrile	5.07	41	106509	55.72	ug/l	98
42) 1,2-Dichloroethane	6.20	62	188773	54.36	ug/l	99
43) Isopropyl Acetate	6.47	43	269874	48.11	ug/l	99
44) Trichloroethene	7.21	130	120123	46.40	ug/l	97
45) 1,2-Dichloropropane	7.52	63	124223	52.63	ug/l	99
46) Dibromomethane	7.67	93	88148	55.83	ug/l	97
47) Bromodichloromethane	7.90	83	160440	57.61	ug/l	99
48) Methyl methacrylate	7.78	41	157595	54.98	ug/l	97
49) 1,4-Dioxane	7.76	88	56474	1040.36	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1001012	277.94	ug/l	99
52) Toluene	8.79	92	286611	50.10	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	167173	45.57	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	155145	44.49	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	130156	56.30	ug/l	97
56) Ethyl methacrylate	9.18	69	199913	56.19	ug/l	97
57) 1,3-Dichloropropane	9.38	76	212826	54.43	ug/l	99
59) 2-Hexanone	9.50	43	758514	279.49	ug/l	98
60) Dibromochloromethane	9.59	129	133996	51.41	ug/l	100
61) 1,2-Dibromoethane	9.68	107	136803	57.14	ug/l	100
64) Tetrachloroethene	9.34	164	107750	34.98	ug/l	99
65) Chlorobenzene	10.14	112	355171	52.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	130198	56.04	ug/l	98
67) Ethyl Benzene	10.26	91	555122	48.29	ug/l	100
68) m/p-Xylenes	10.36	106	429321	96.83	ug/l	99
69) o-Xylene	10.70	106	220632	50.65	ug/l	98
70) Stvrene	10.71	104	370003	51.65	ug/l	99
71) Bromoform	10.86	173	102800	48.74	ug/l	99
73) Isopropylbenzene	11.02	105	544996	47.45	ug/l	100
74) N-amyl acetate	6.47	43	269874	47.29	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	203646	60.03	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	163986m	50.60	ug/l	
77) Bromobenzene	11.26	156	172326	53.85	ug/l	96
78) n-propylbenzene	11.37	91	607559	46.12	ug/l	99
79) 2-Chlorotoluene	11.43	91	393473	50.03	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	475663	49.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	26611	28.26	ug/l	94
82) 4-Chlorotoluene	11.51	91	461954	49.78	ug/l	98
83) tert-Butylbenzene	11.77	119	469125	50.16	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	503277	50.81	ug/l	99
85) sec-Butylbenzene	11.95	105	511008	43.95	ug/l	99
86) p-Isopropyltoluene	12.07	119	475662	45.21	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	299027	50.95	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	314378	52.65	ug/l	99
89) n-Butylbenzene	12.39	91	385486	41.53	ug/l	99
90) Hexachloroethane	12.60	117	70308	43.24	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	359227	60.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43229	60.84	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	216550	50.51	ug/l	100

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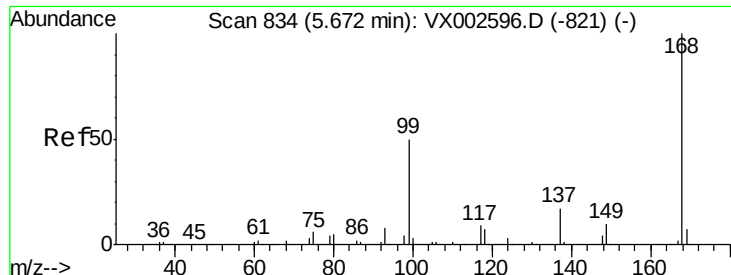
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	83260	36.87	ug/l	99
95) Naphthalene	13.84	128	671769	58.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	230123	53.45	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

ClientSampleId :

S36-0135MSD

Tot Ion:168 Resp: 164047

Ion Ratio Lower Upper

168 100

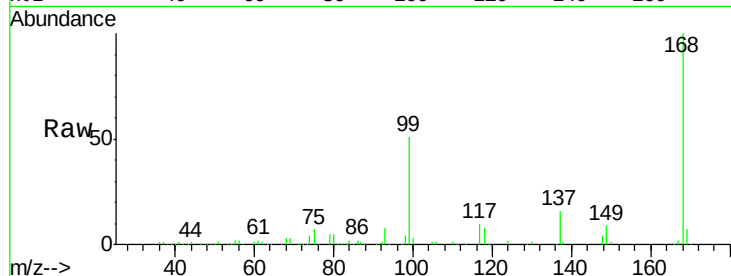
99 50.3 39.3 58.9

Manual Integrations

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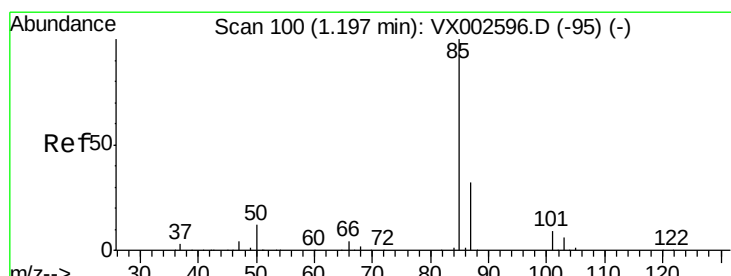
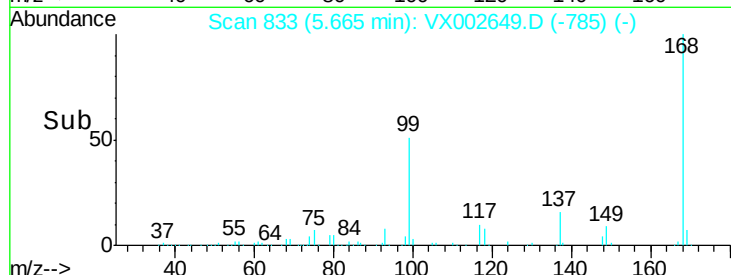
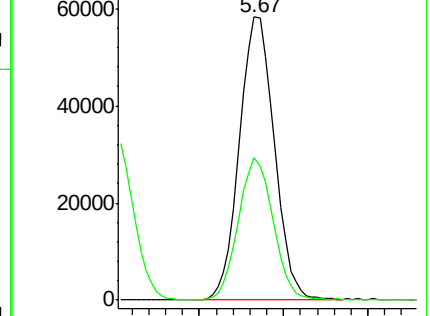
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 32.91 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002649.D

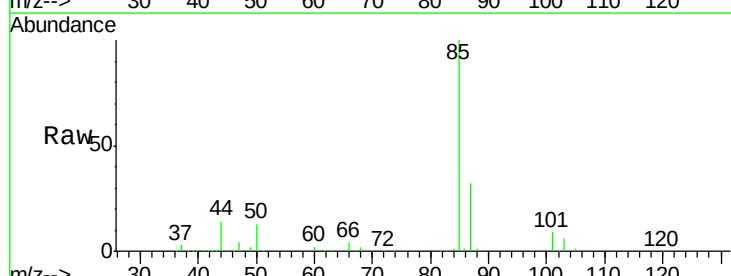
Acq: 16 Jun 2018 15:34

Tgt Ion: 85 Resp: 57321

Ion Ratio Lower Upper

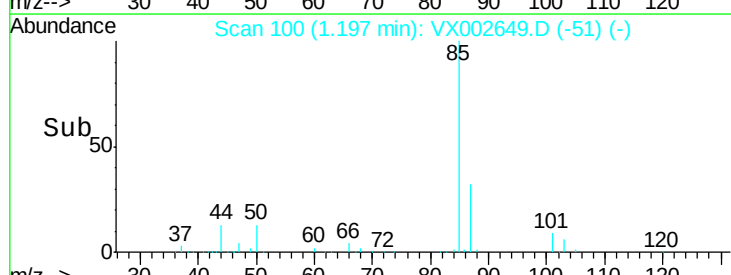
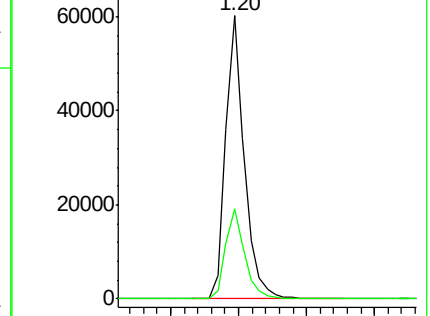
85 100

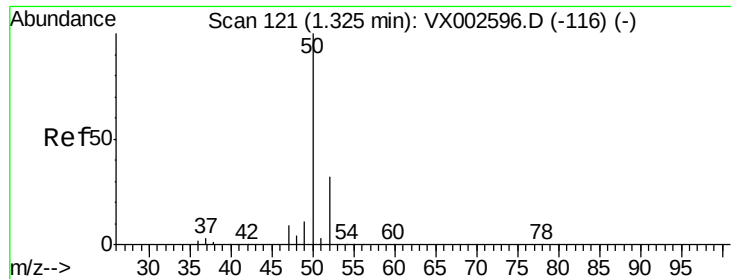
87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 54.02 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

ClientSampled :

S36-0135MSD

Tot Ion: 50 Resp: 111915

Ion Ratio Lower Upper

50 100

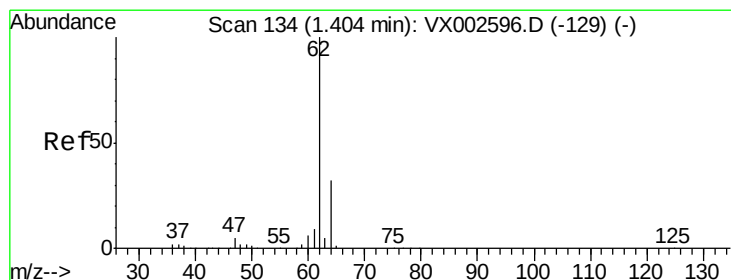
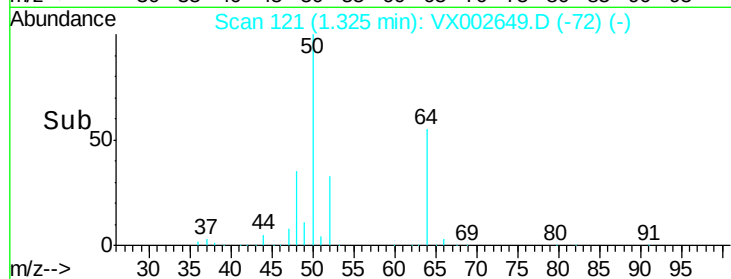
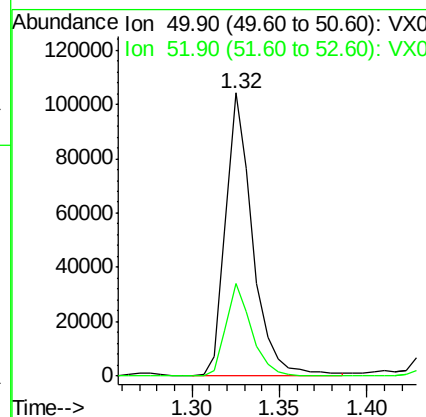
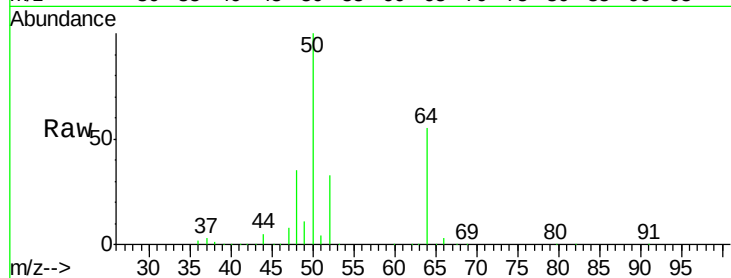
52 32.6 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 63.44 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002649.D

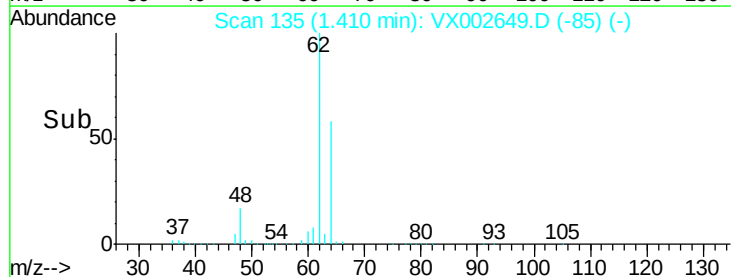
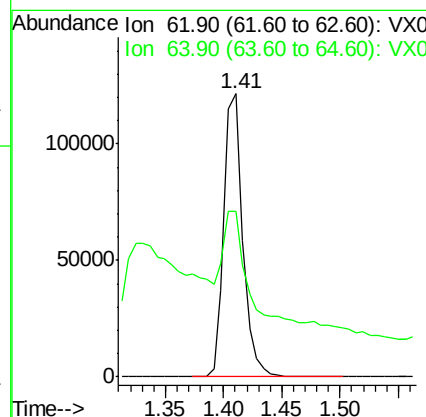
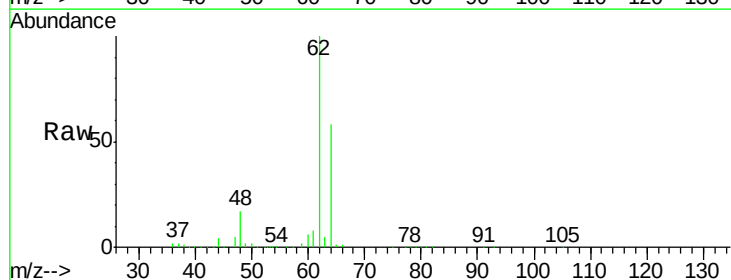
Acq: 16 Jun 2018 15:34

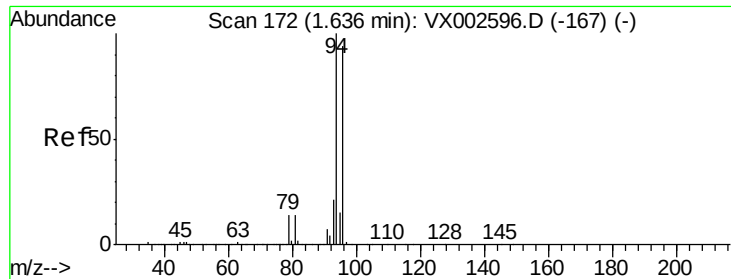
Tgt Ion: 62 Resp: 136377

Ion Ratio Lower Upper

62 100

64 41.1 25.4 38.2#





#5

Bromomethane

Concen: 42.74 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

ClientSampleId :

S36-0135MSD

Tot Ion: 94 Resp: 55437

Ion Ratio Lower Upper

94 100

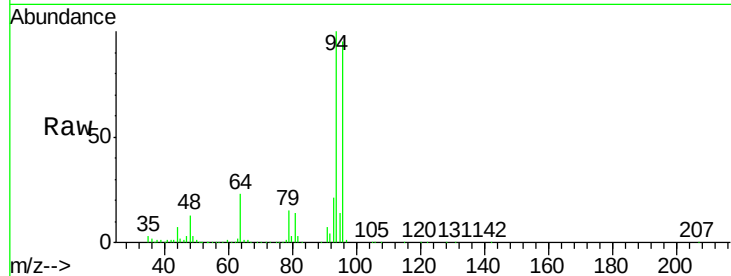
96 95.2 74.9 112.3

Manual Integrations

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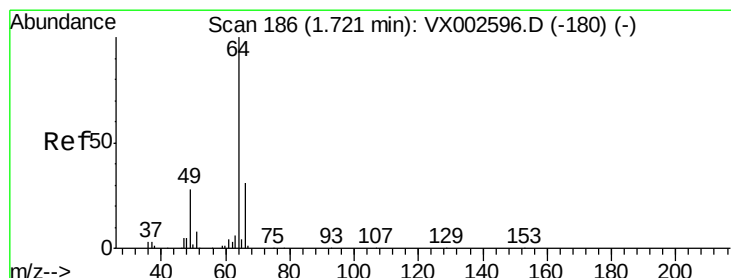
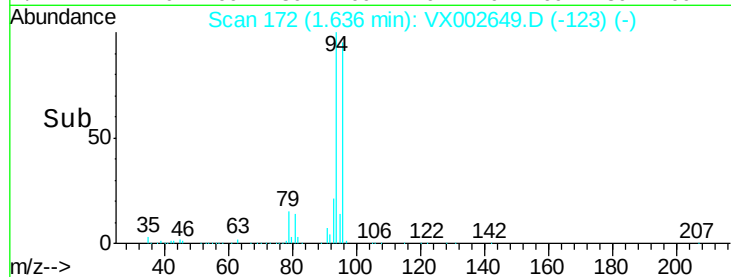
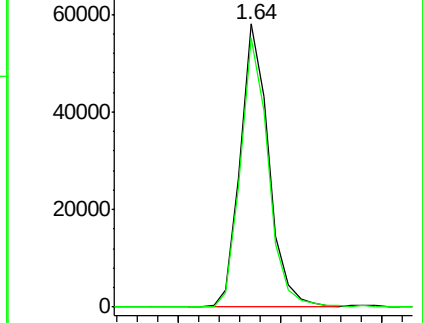
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 67.71 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002649.D

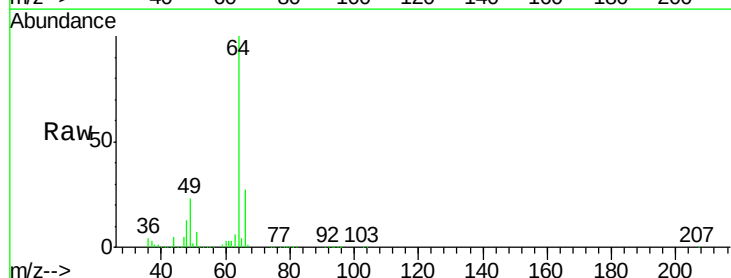
Acq: 16 Jun 2018 15:34

Tgt Ion: 64 Resp: 95935

Ion Ratio Lower Upper

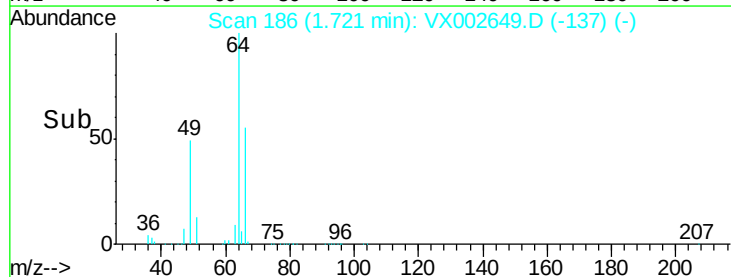
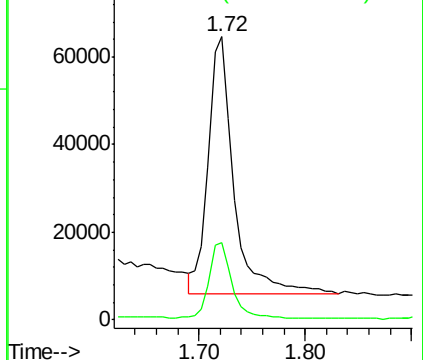
64 100

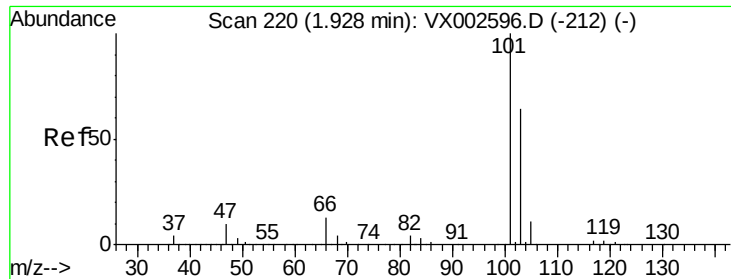
66 29.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

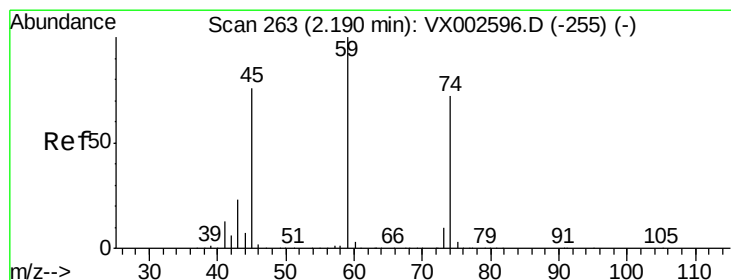
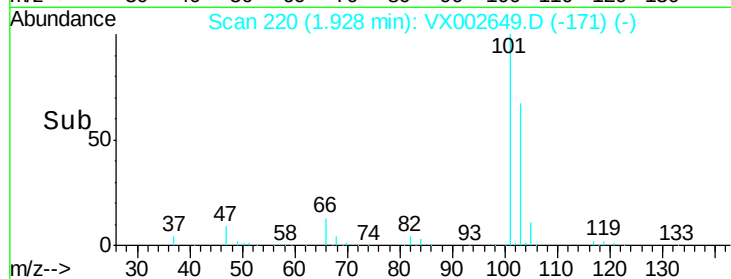
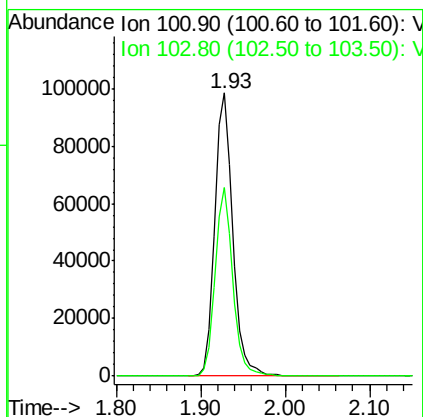
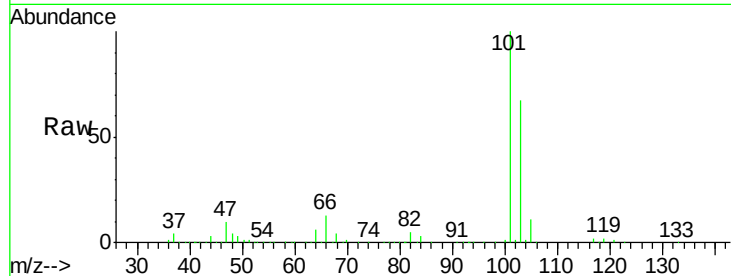
Trichlorofluoromethane
Concen: 41.91 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	52.8	79.2

Manual Integrations
APPROVED

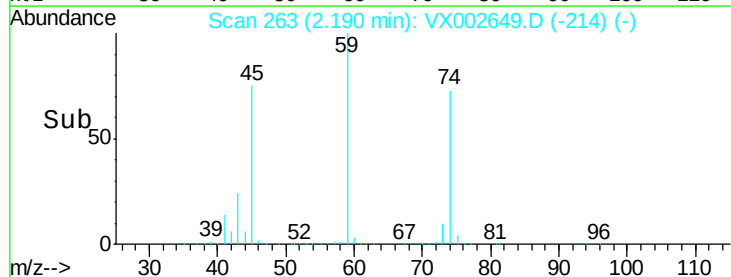
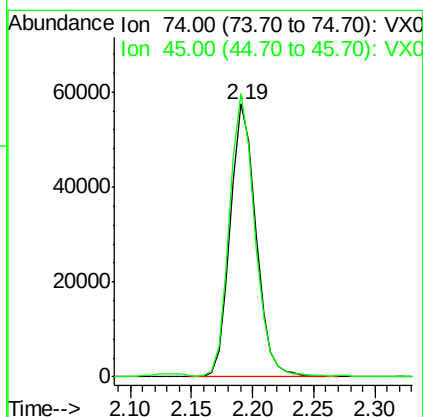
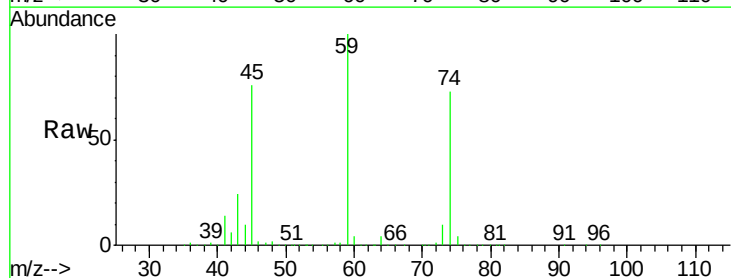
MMDadoda
6/18/2018 5:12:12 PM

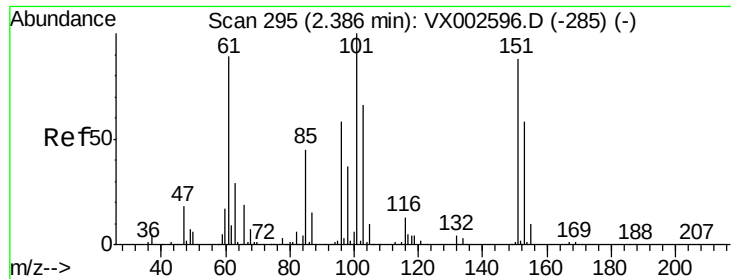


#8

Diethyl Ether
Concen: 62.69 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.0	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 35.44 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

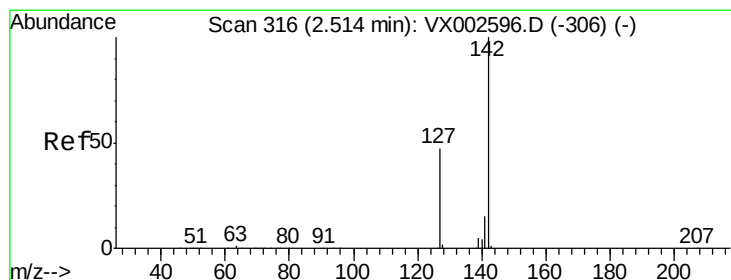
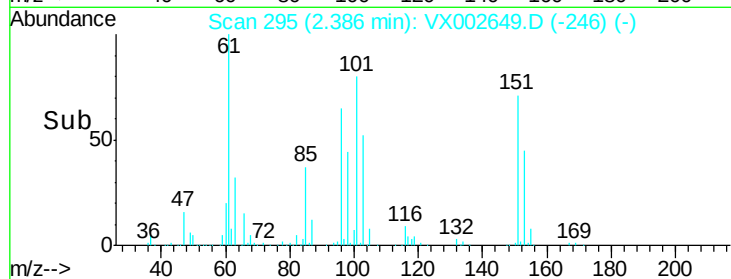
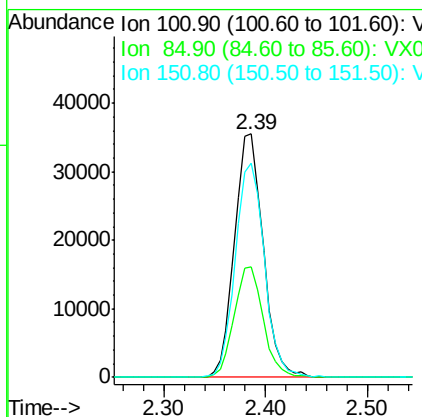
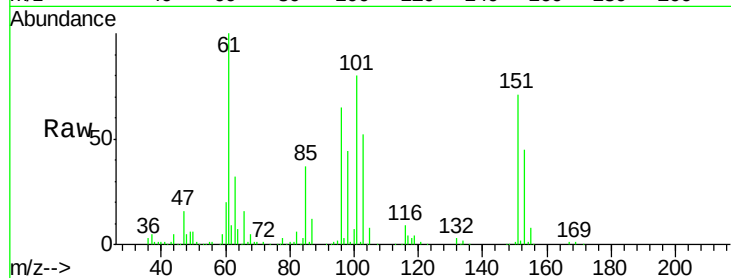
ClientSampleId :

S36-0135MSD

Tot Ion:	101	Resp:	69185
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.0	54.0
151	89.5	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 47.71 ug/l

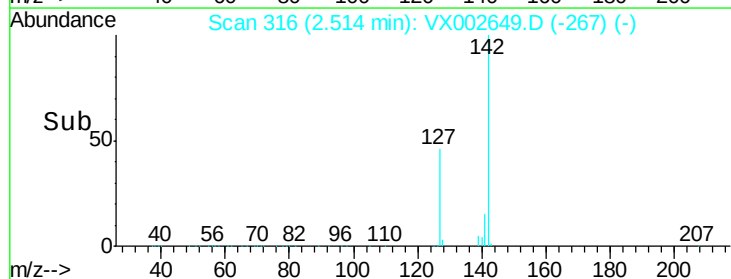
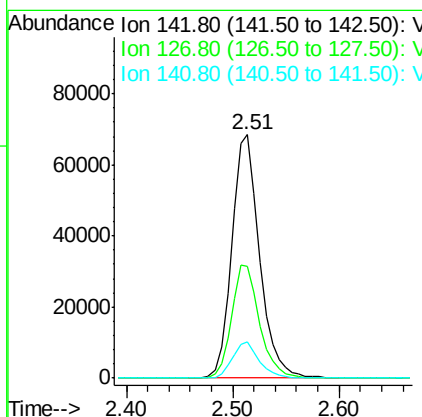
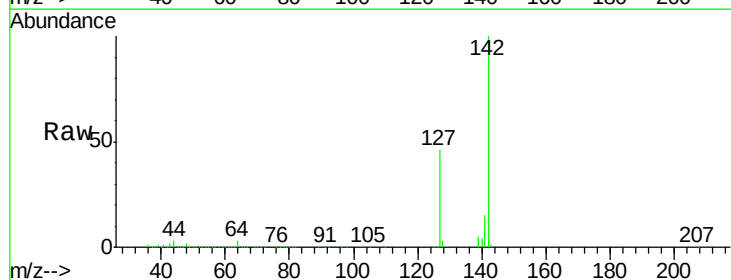
RT: 2.51 min Scan# 316

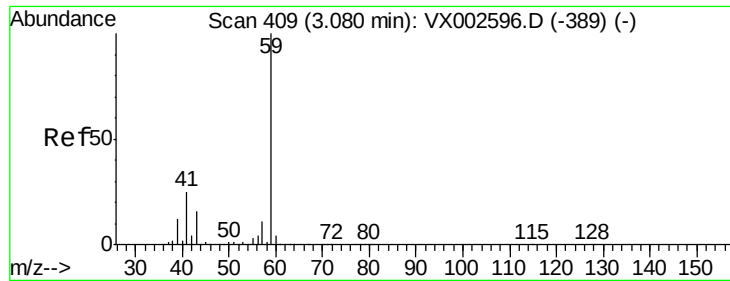
Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Tgt Ion:	142	Resp:	125009
Ion Ratio	Lower	Upper	
142	100		
127	46.9	36.6	55.0
141	14.3	11.3	16.9





#11

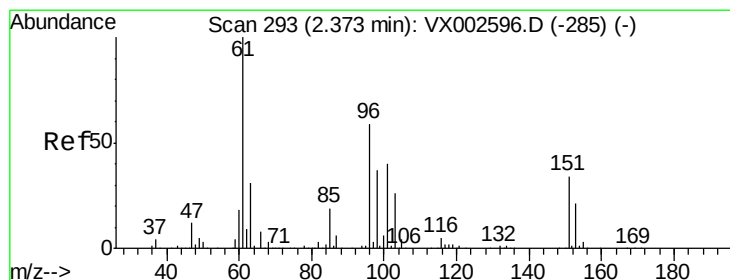
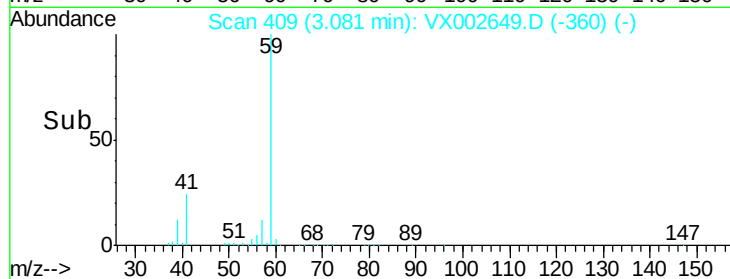
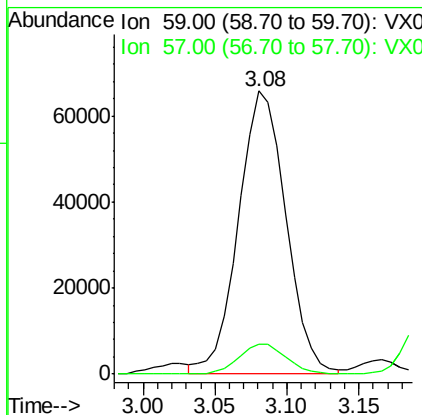
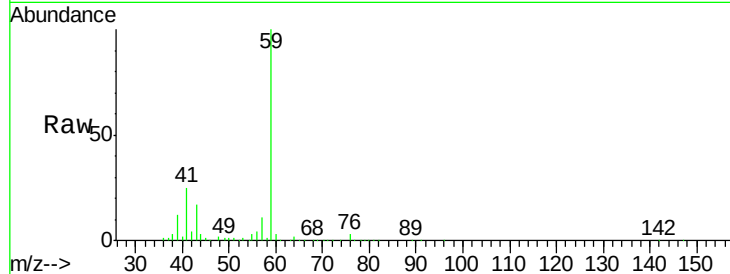
Tert butyl alcohol
 Concen: 292.06 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Tot Ion	Ratio	Resp	Lower	Upper
59	100	150515		
57	10.8		8.2	12.2

Manual Integrations
 APPROVED

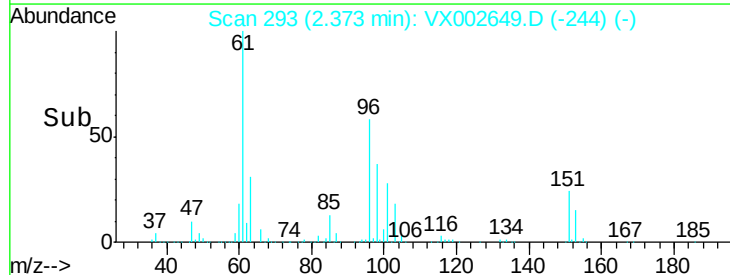
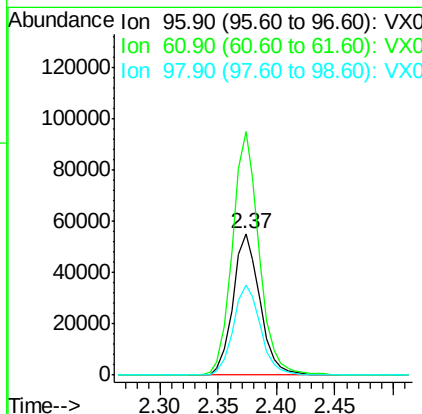
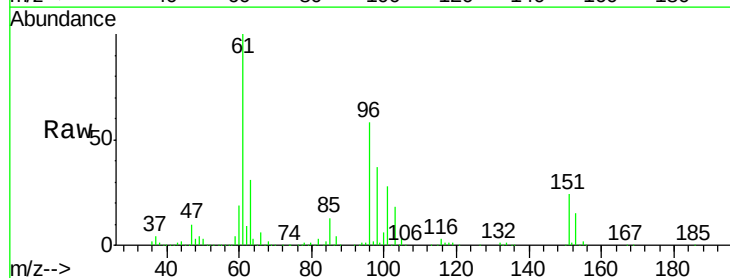
MMDadoda
 6/18/2018 5:12:12 PM

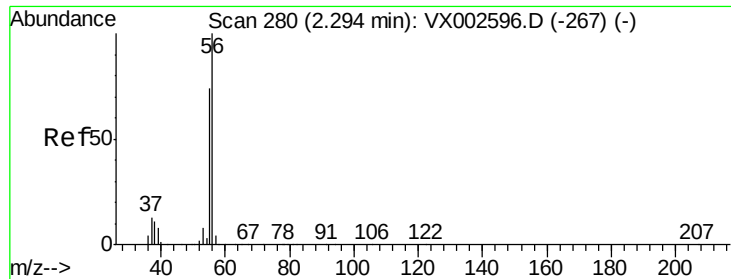


#12

1,1-Dichloroethene
 Concen: 48.42 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	88747		
61	172.1		137.9	206.9
98	64.1		51.6	77.4





#13

Acrolein

Concen: 269.83 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

ClientSampleId :

S36-0135MSD

Tot Ion: 56 Resp: 65326

Ion Ratio Lower Upper

56 100

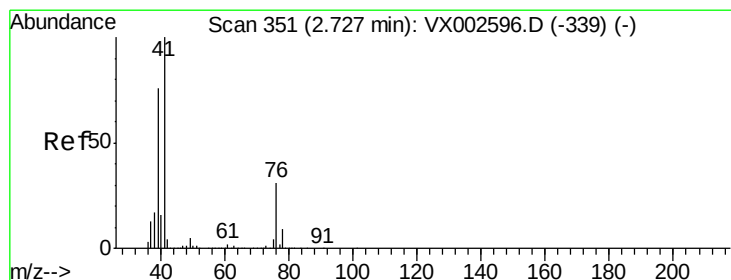
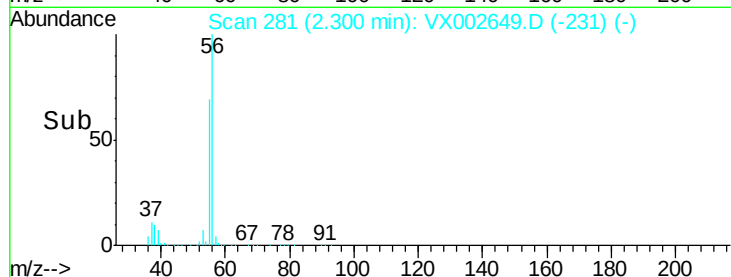
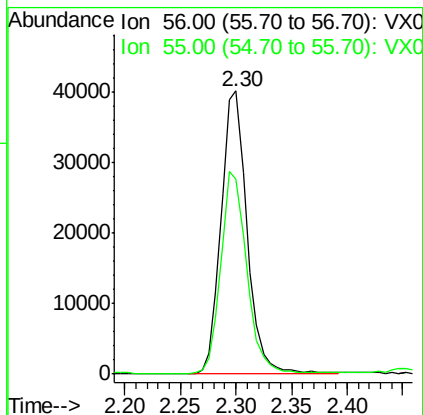
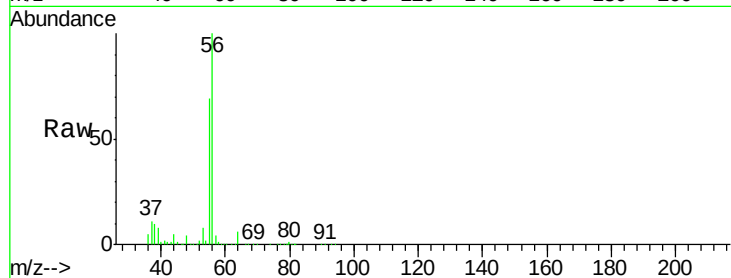
55 70.5 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 54.01 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

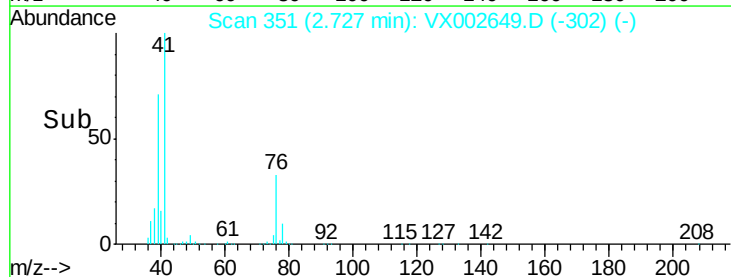
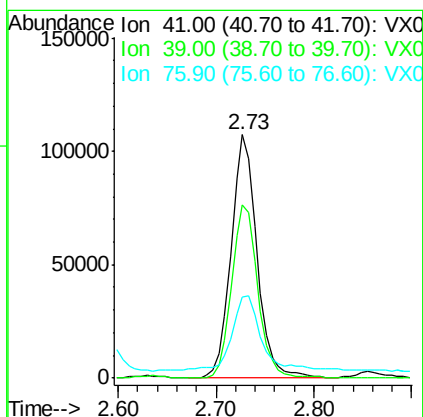
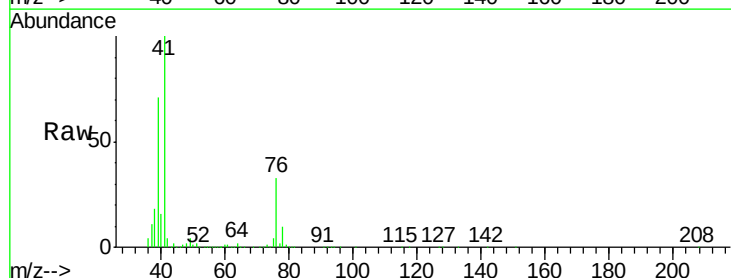
Tgt Ion: 41 Resp: 196555

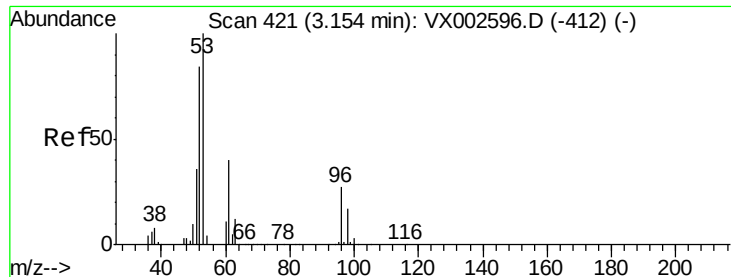
Ion Ratio Lower Upper

41 100

39 71.3 56.8 85.2

76 34.4 23.8 35.8





#15

Acrylonitrile

Concen: 318.78 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

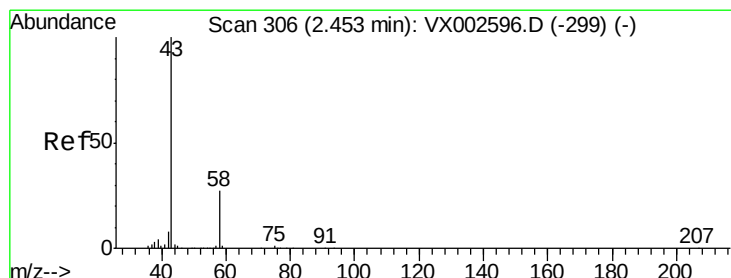
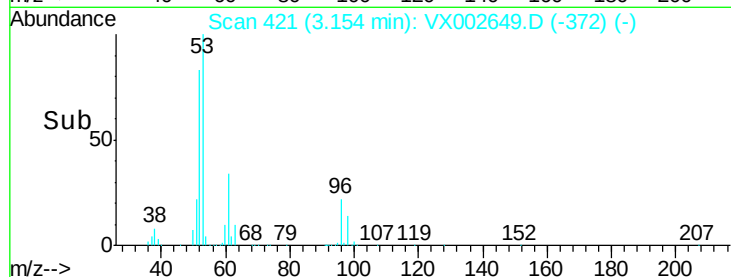
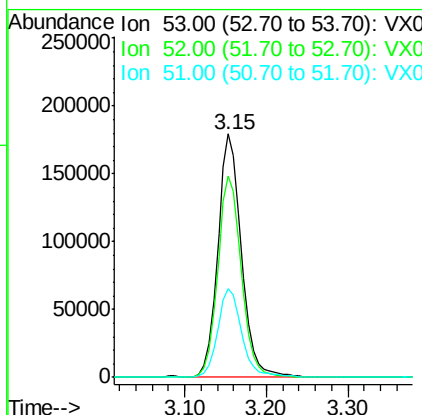
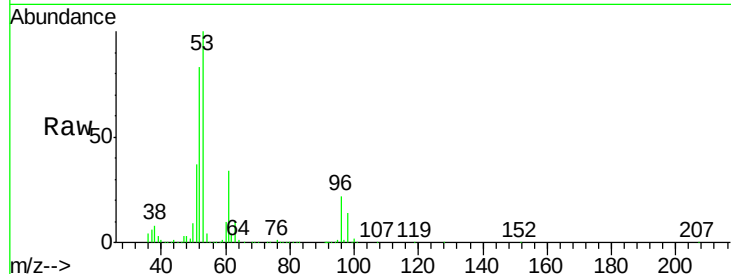
ClientSampleId :

S36-0135MSD

Tot Ion:	53	Resp:	358494
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.7	100.1
51	37.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 310.89 ug/l

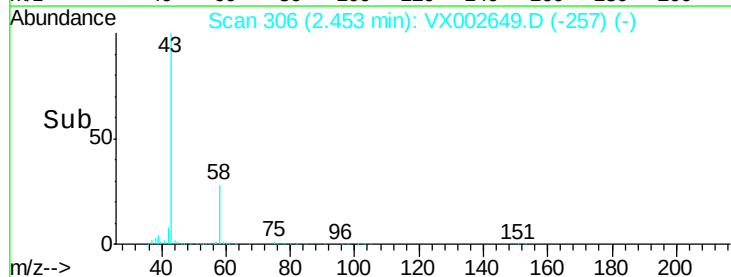
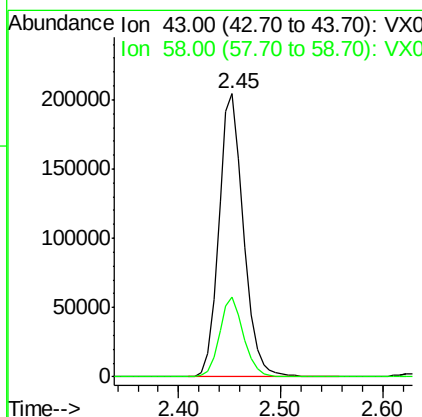
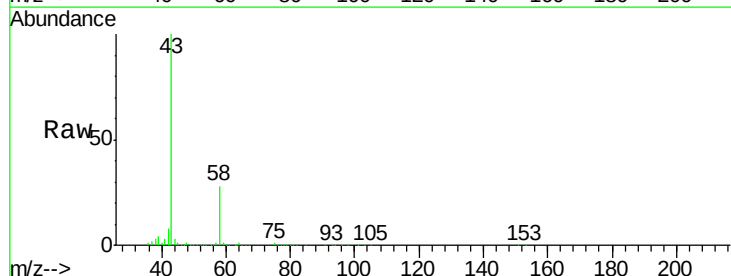
RT: 2.45 min Scan# 306

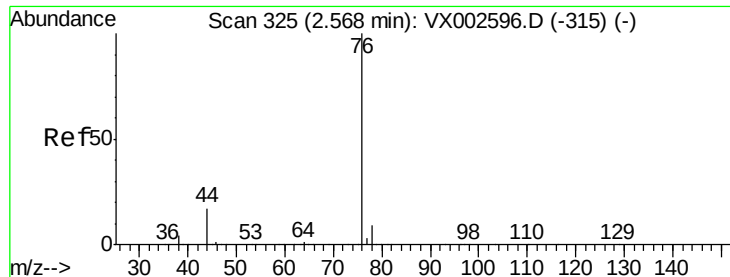
Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Tgt Ion:	43	Resp:	341934
Ion Ratio	Lower	Upper	
43	100		
58	28.2	22.1	33.1





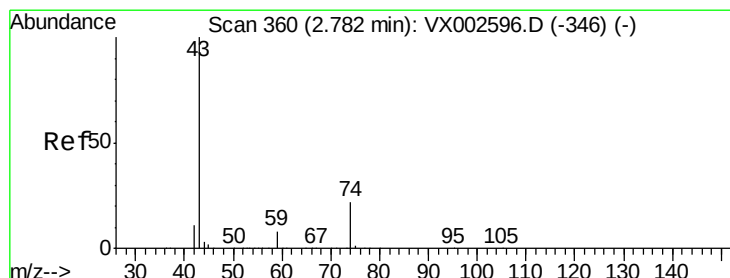
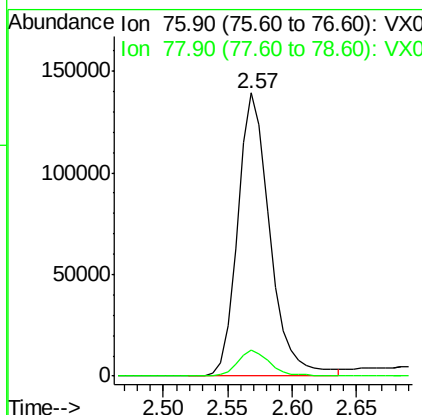
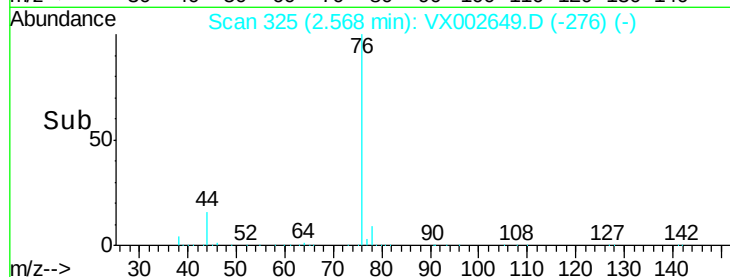
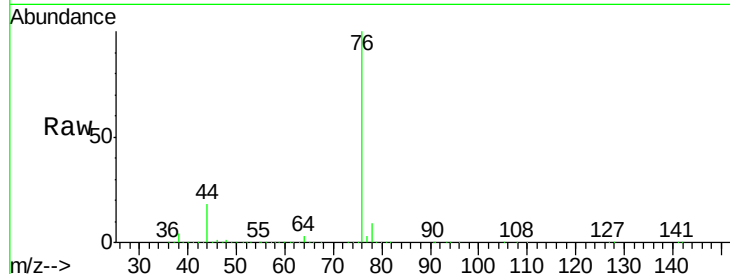
#17
Carbon Disulfide
Concen: 55.51 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
S36-0135MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

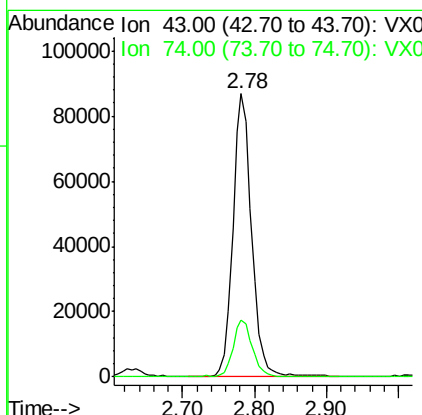
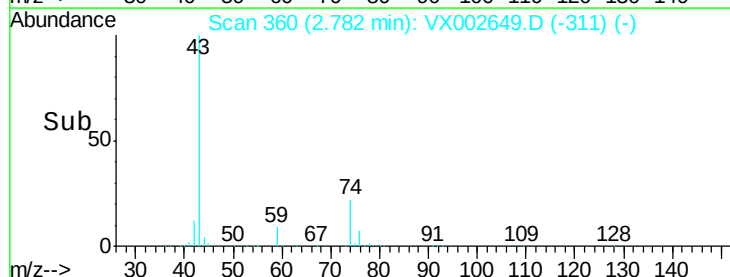
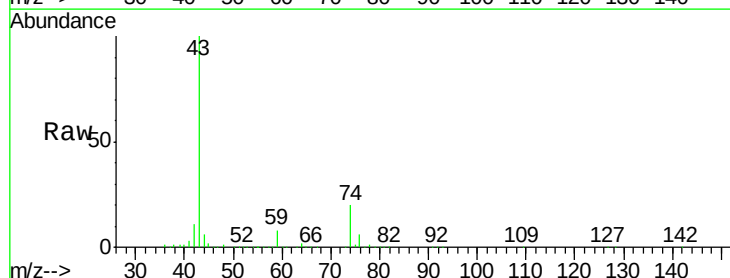
Manual Integrations
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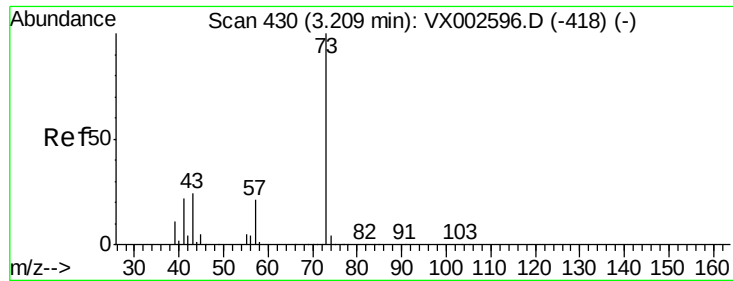
MMDadoda
6/18/2018 5:12:12 PM



#18
Methyl Acetate
Concen: 53.04 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	16.7	25.1





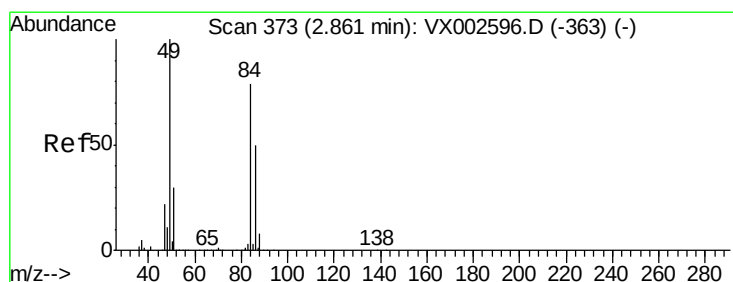
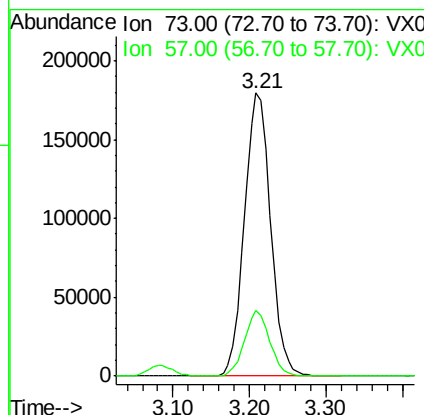
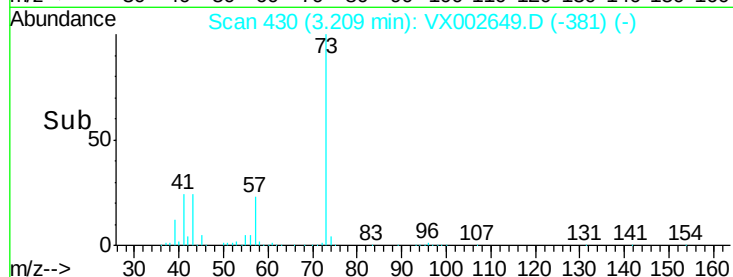
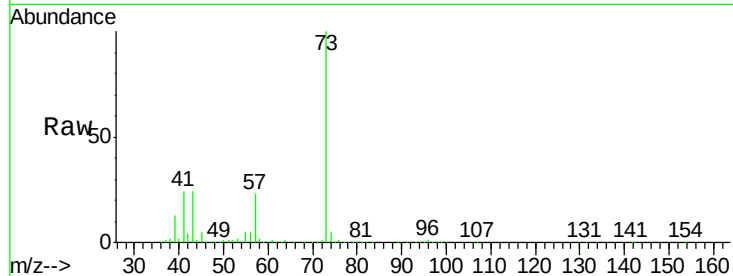
#19
Methyl tert-butyl Ether
Concen: 62.10 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
S36-0135MSD

Tot Ion: 73 Resp: 427000
Ion Ratio Lower Upper
73 100
57 23.3 17.7 26.5

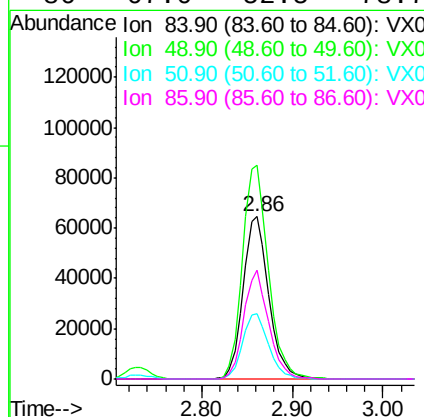
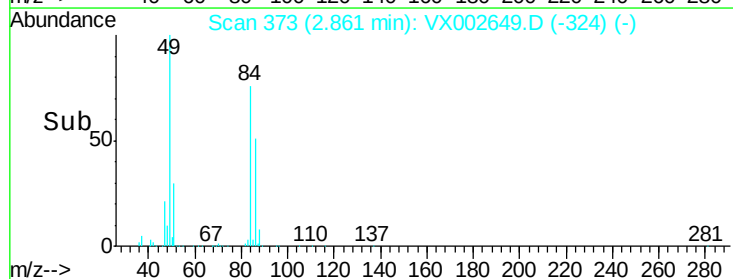
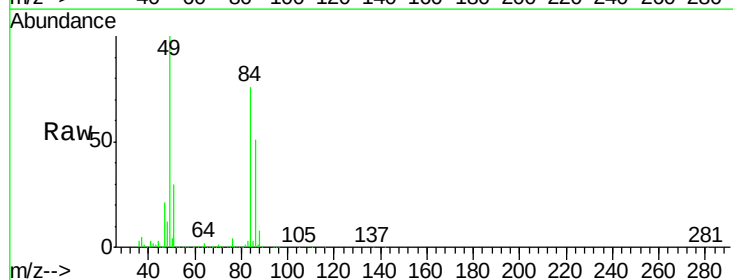
Manual Integrations
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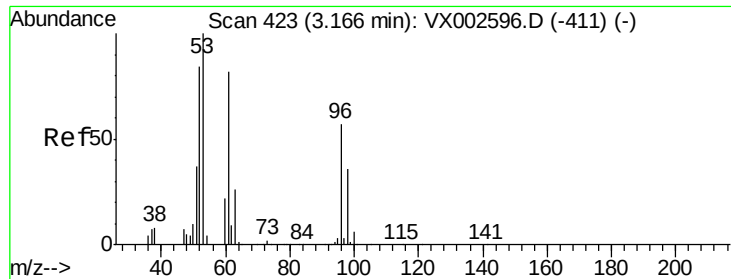
MMDadoda
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#20
Methylene Chloride
Concen: 56.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion: 84 Resp: 126821
Ion Ratio Lower Upper
84 100
49 131.3 107.8 161.6
51 39.7 32.8 49.2
86 67.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 56.98 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

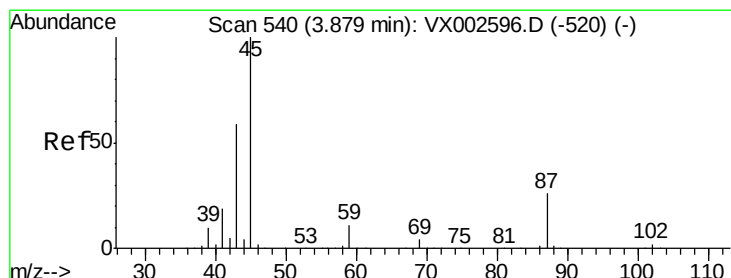
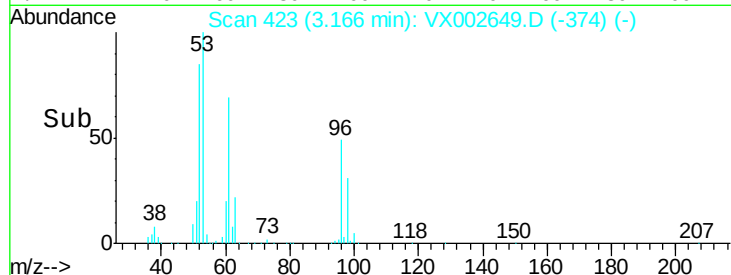
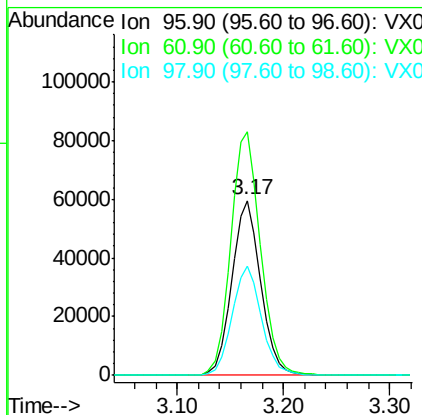
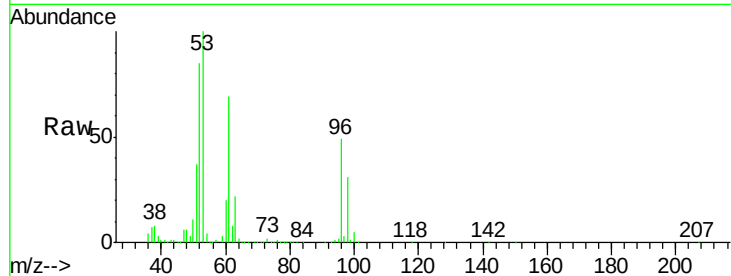
ClientSampleId :

S36-0135MSD

Tot Ion:	96	Resp:	113305
Ion	Ratio	Lower	Upper
96	100		
61	139.1	117.0	175.4
98	62.2	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 59.95 ug/l

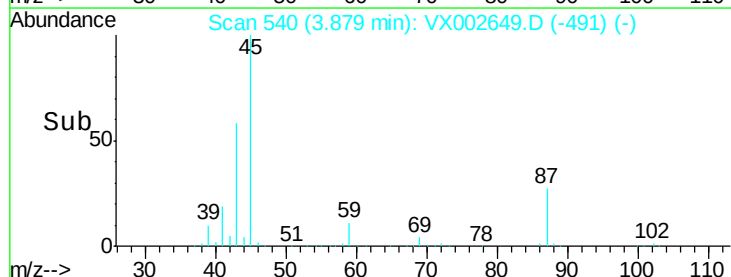
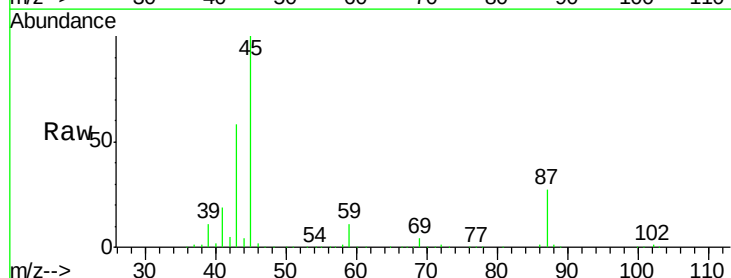
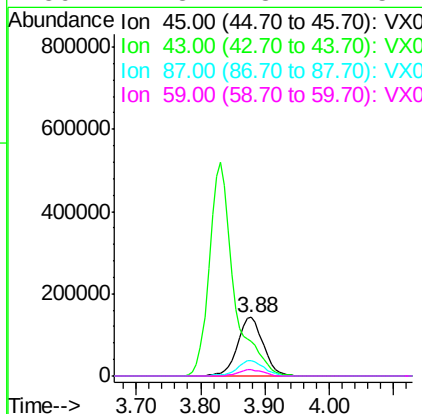
RT: 3.88 min Scan# 540

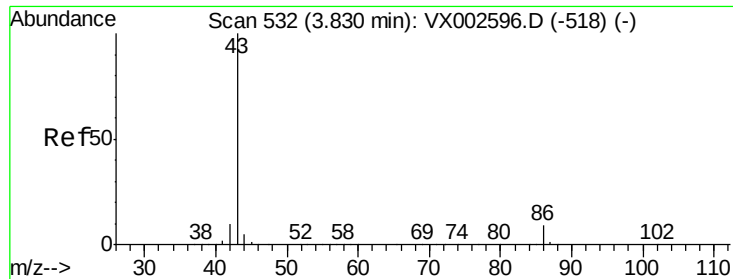
Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Tgt Ion:	45	Resp:	394744
Ion	Ratio	Lower	Upper
45	100		
43	57.8	46.8	70.2
87	27.0	20.2	30.4
59	11.3	8.7	13.1





#23

Vinyl Acetate

Concen: 250.53 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

ClientSampled :

S36-0135MSD

Tot Ion: 43 Resp: 1380699

Ion Ratio Lower Upper

43 100

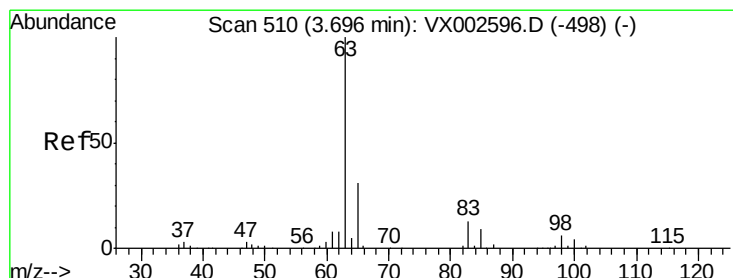
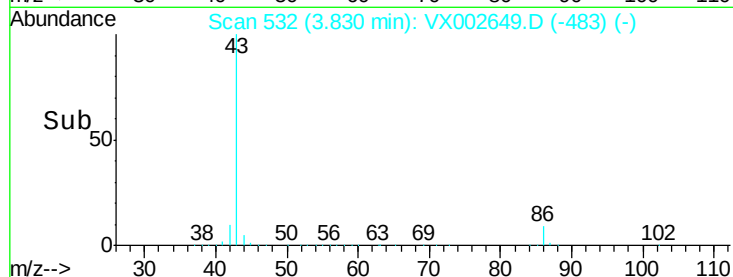
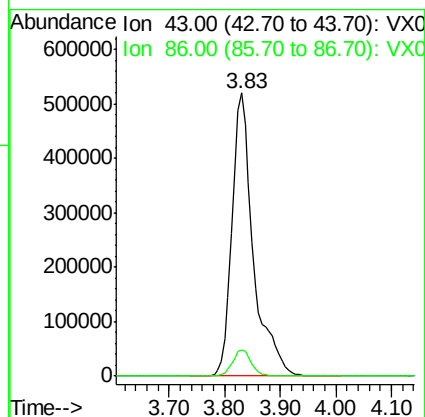
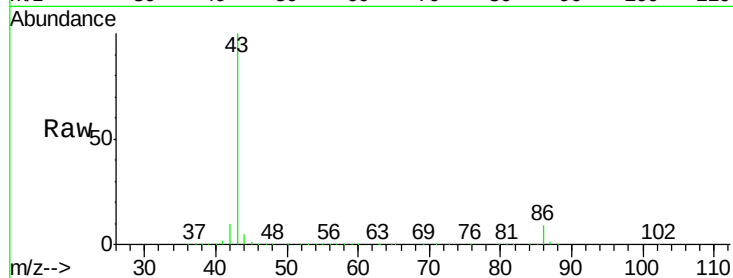
86 9.4 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 56.17 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

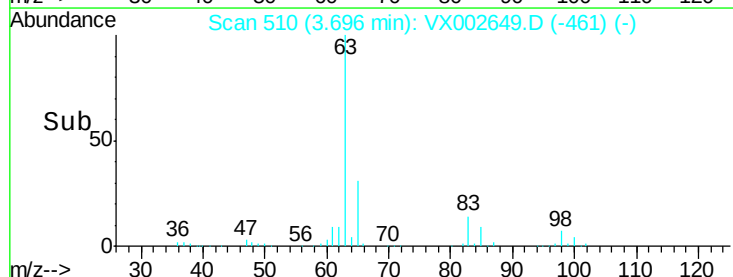
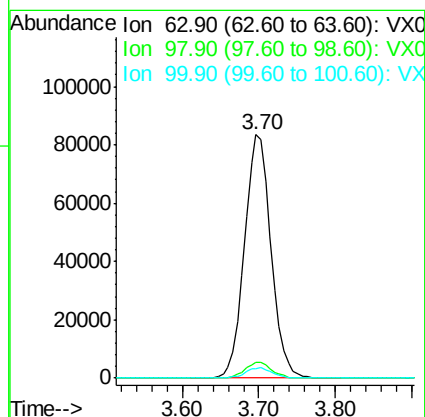
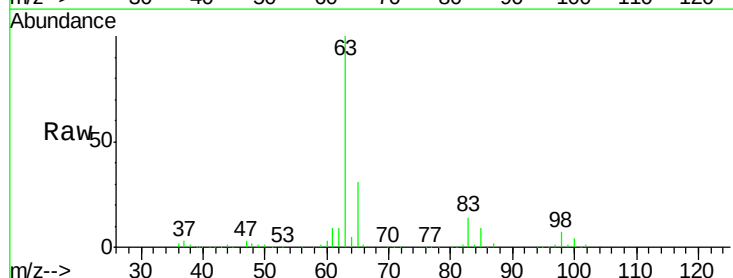
Tgt Ion: 63 Resp: 200732

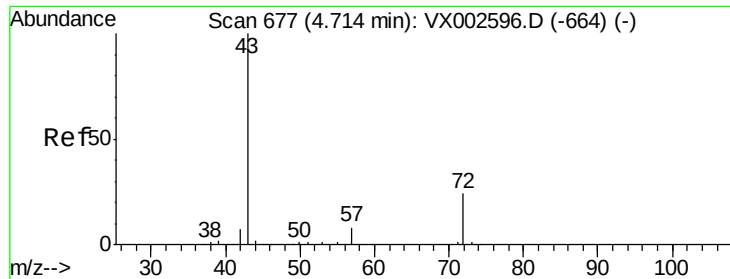
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 321.44 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

ClientSampleId :

S36-0135MSD

Tot Ion: 43 Resp: 464280

Ion Ratio Lower Upper

43 100

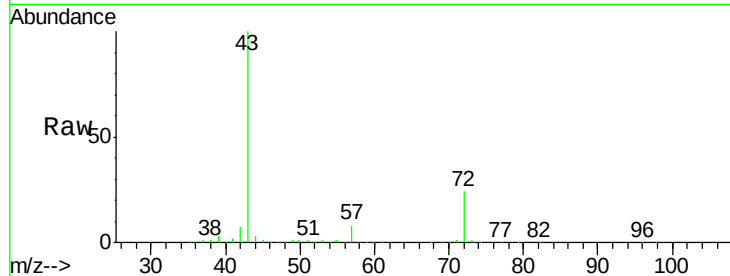
72 24.1 18.5 27.7

Manual Integrations

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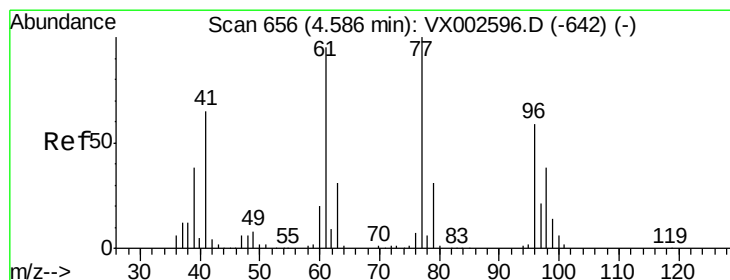
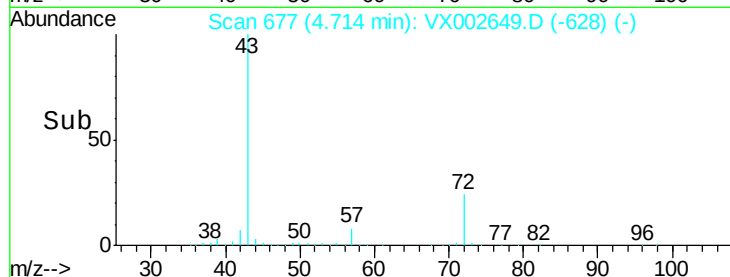
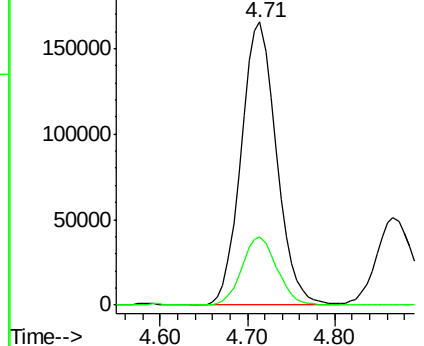
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 29.18 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002649.D

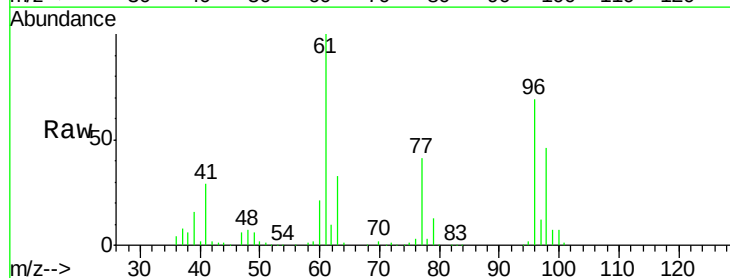
Acq: 16 Jun 2018 15:34

Tgt Ion: 77 Resp: 74939

Ion Ratio Lower Upper

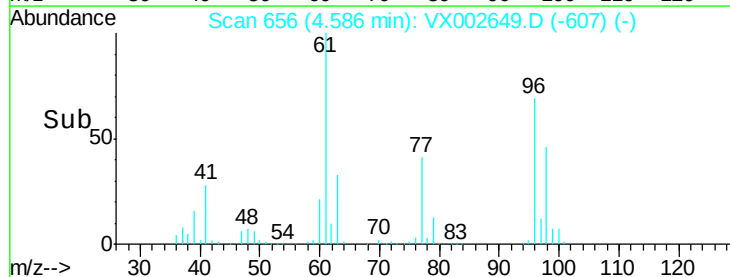
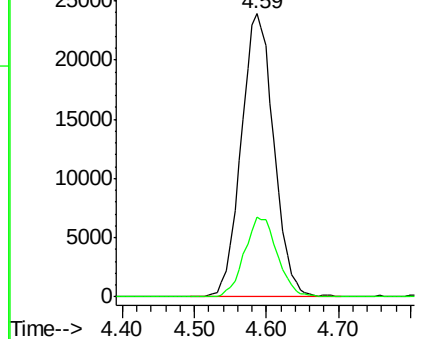
77 100

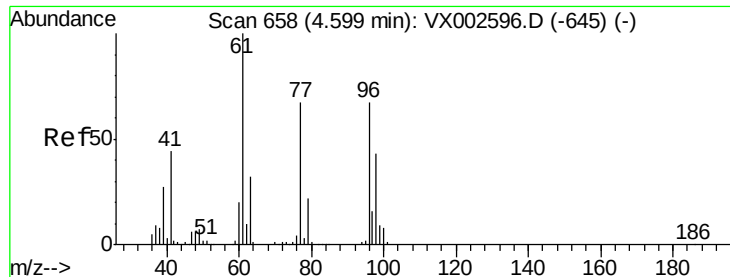
97 28.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

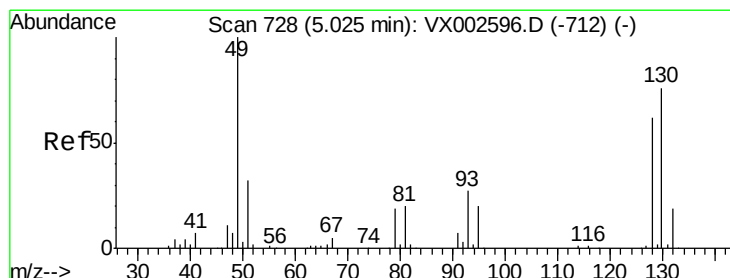
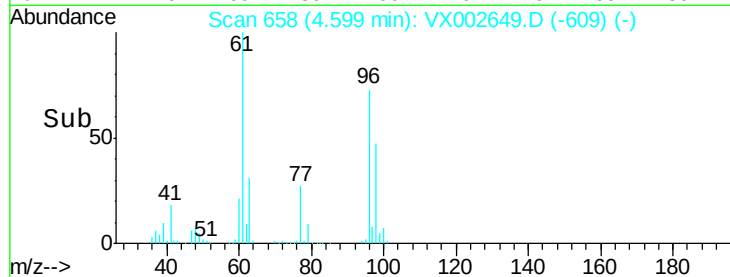
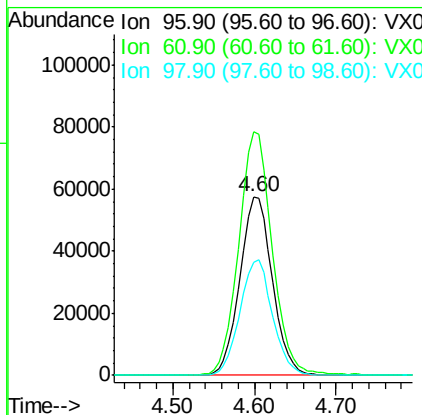
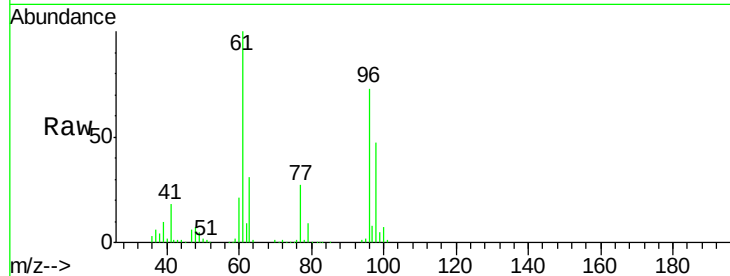
cis-1,2-Dichloroethene
 Concen: 78.74 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	159314		
61	141.0	0.0	330.2	
98	64.7	0.0	130.2	

Manual Integrations
 APPROVED

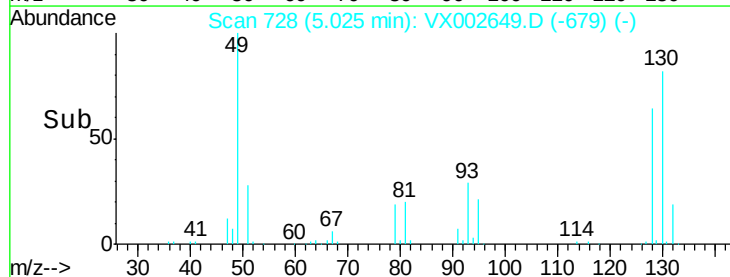
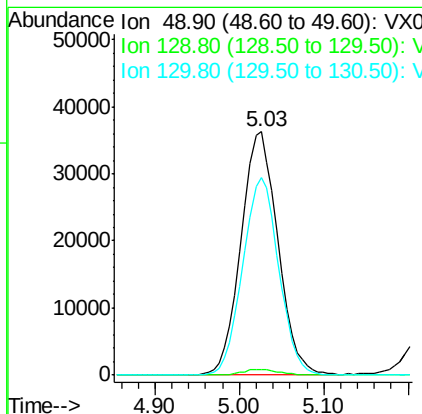
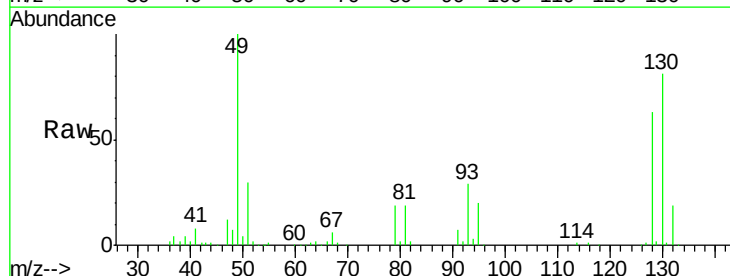
MMDadoda
 6/18/2018 5:12:12 PM

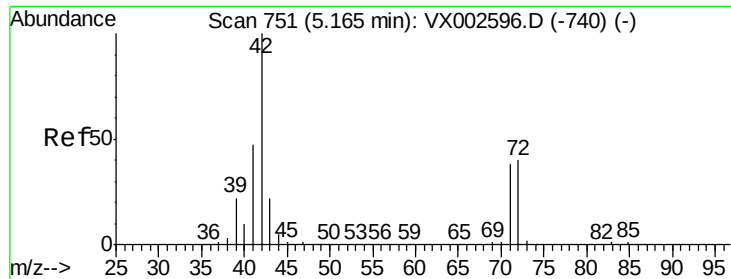


#28

Bromochloromethane
 Concen: 64.50 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	107959		
129	2.2	0.0	4.2	
130	79.3	61.2	91.8	





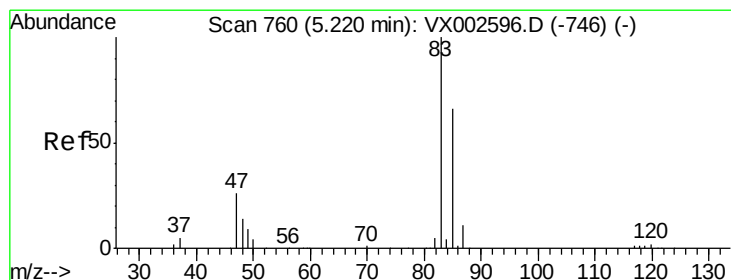
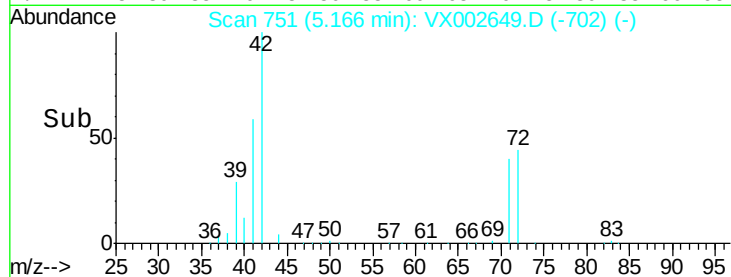
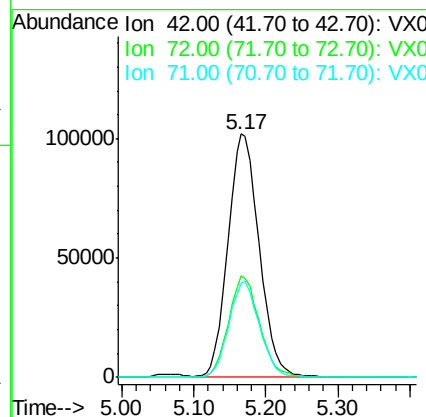
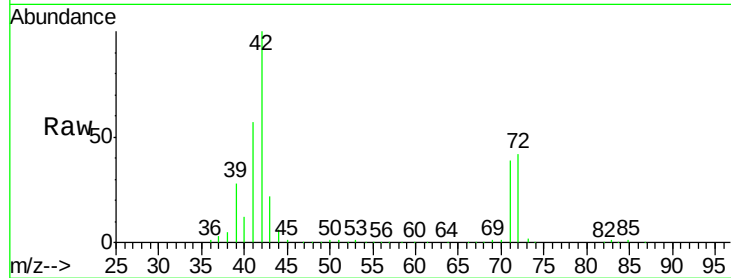
#29
Tetrahydrofuran
Concen: 321.90 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampled :
S36-0135MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.0	48.0
71	38.9	30.1	45.1

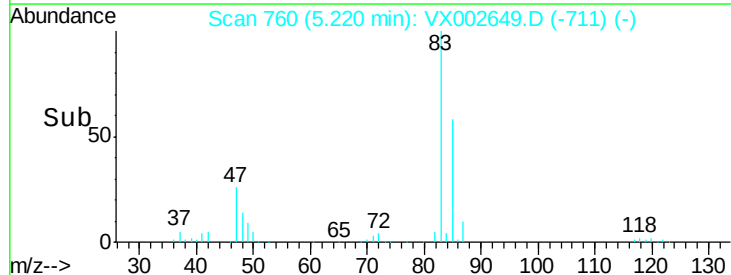
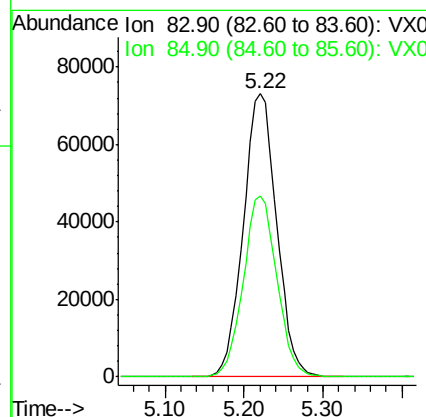
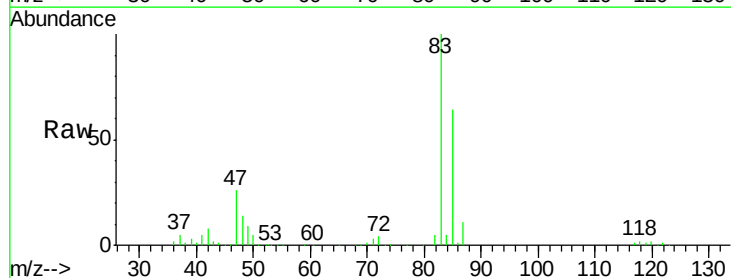
Manual Integrations
APPROVED

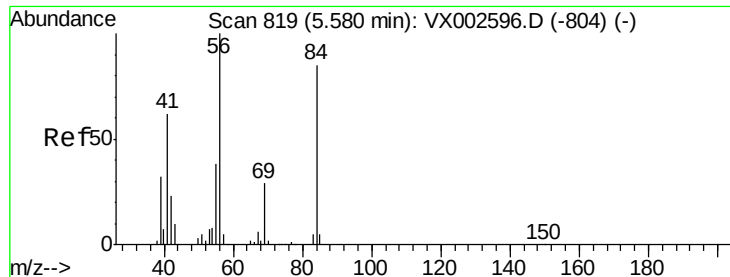
MMDadoda
6/18/2018 5:12:12 PM



#30
Chloroform
Concen: 62.35 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.4	75.6





#31

Cyclohexane

Concen: 38.90 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

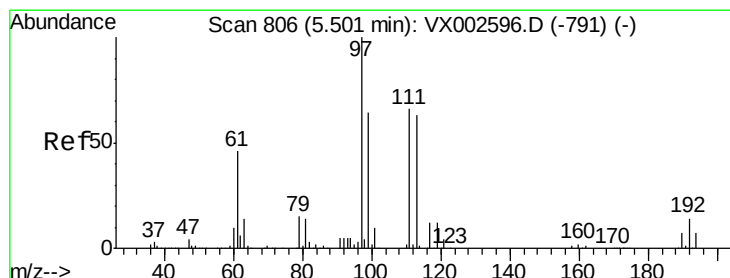
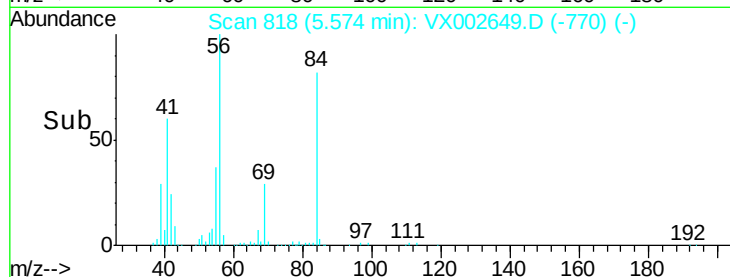
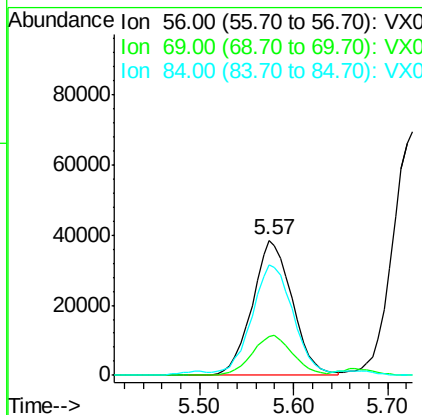
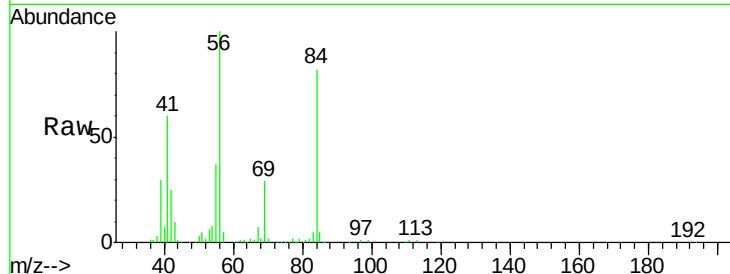
ClientSampled :

S36-0135MSD

Tot Ion:	56	Resp:	114455
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.7	35.5
84	79.4	64.1	96.1

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 57.04 ug/l

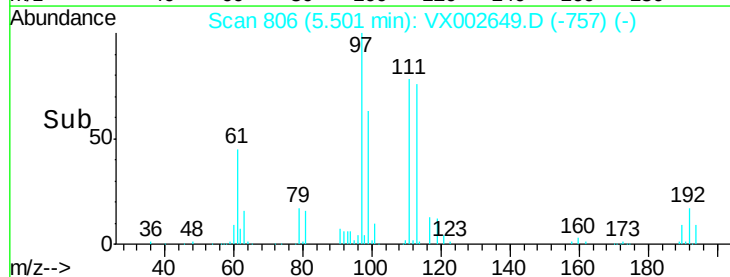
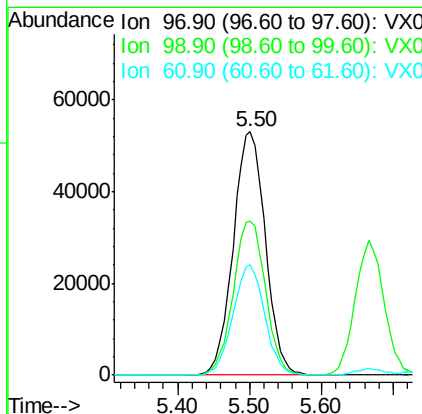
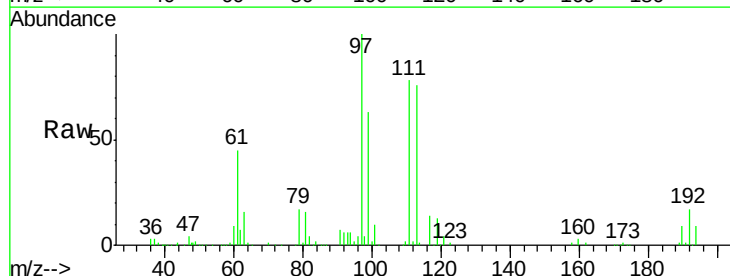
RT: 5.50 min Scan# 806

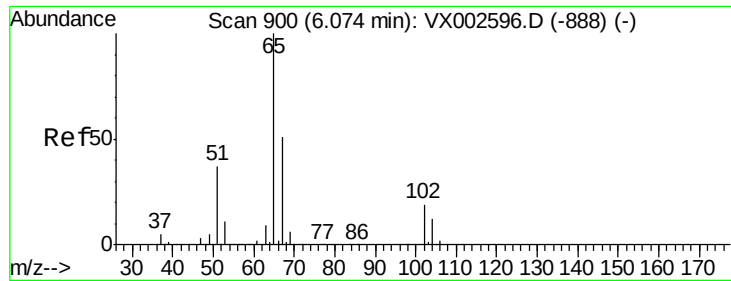
Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Tgt Ion:	97	Resp:	164403
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	44.7	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 61.92 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

ClientSampleId :

S36-0135MSD

Tot Ion: 65 Resp: 154357

Ion Ratio Lower Upper

65 100

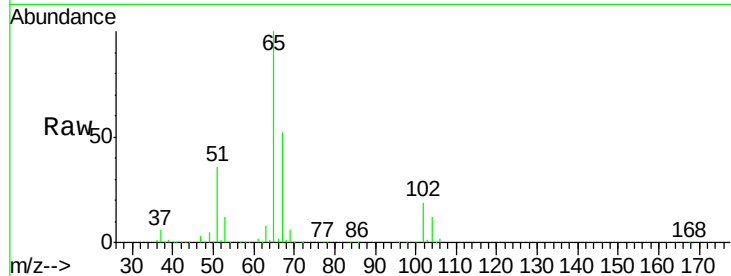
67 51.6 0.0 102.6

Manual Integrations

APPROVED

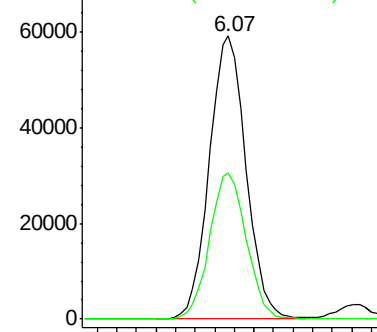
MMDadoda

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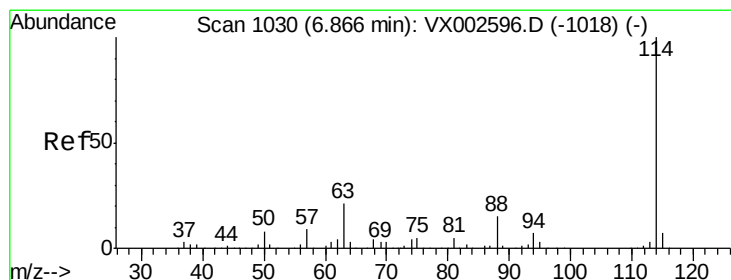
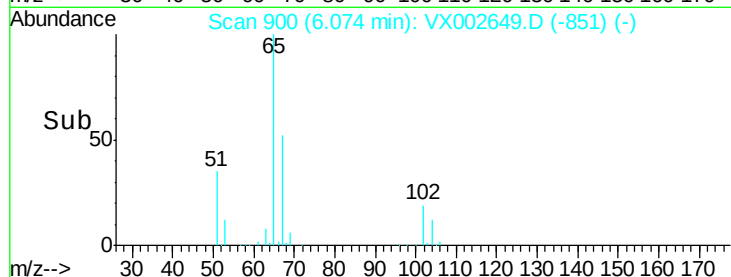


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

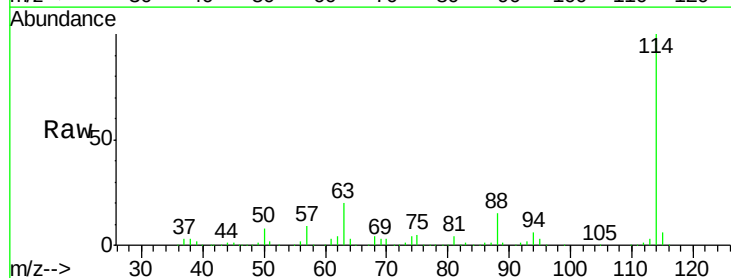
Tgt Ion: 114 Resp: 281637

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

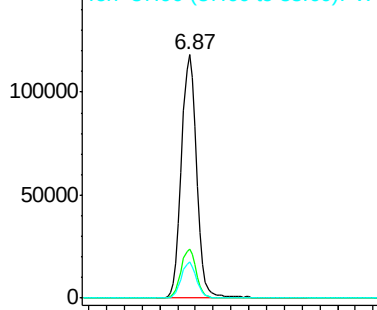
88 15.1 0.0 30.0



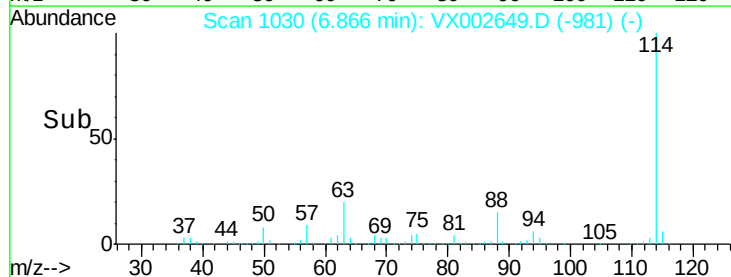
Abundance Ion 113.90 (113.60 to 114.60): V

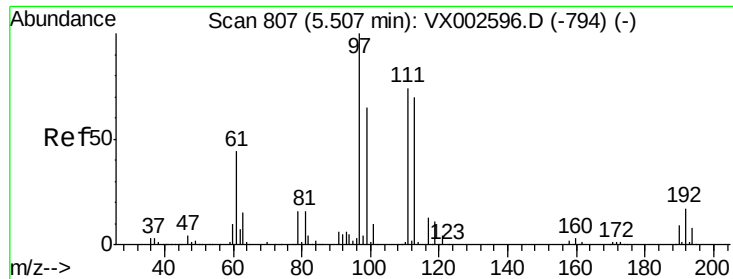
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->





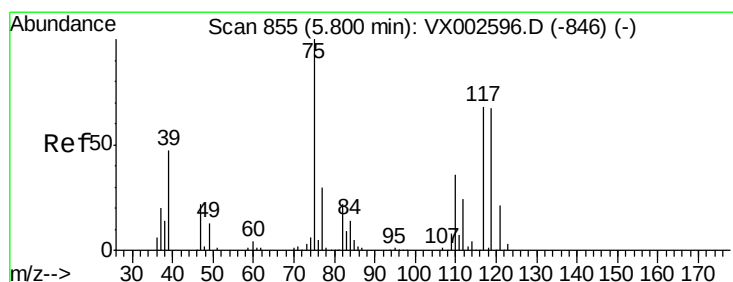
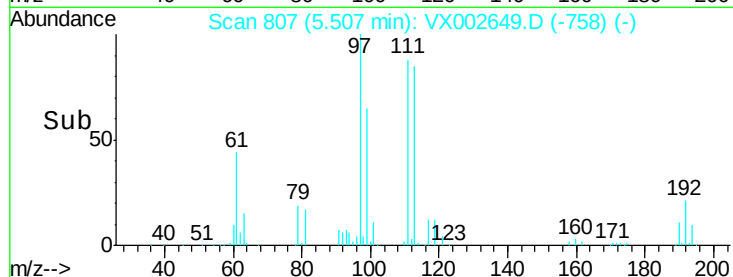
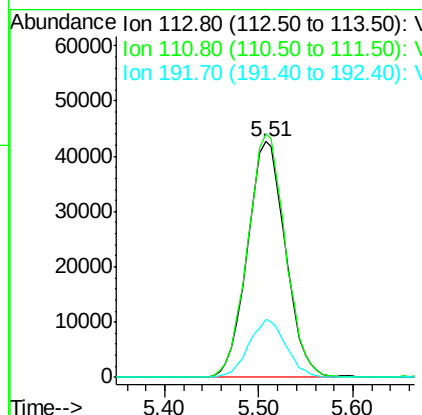
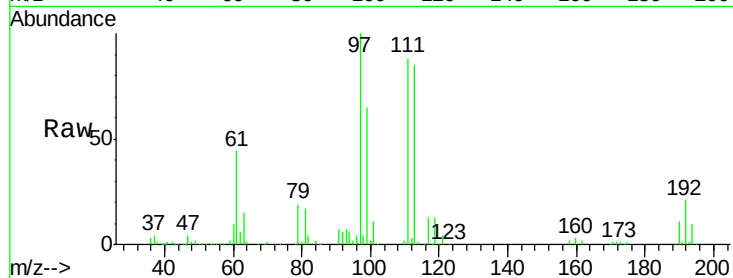
#35
Dibromofluoromethane
Concen: 53.81 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
S36-0135MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120950		
111	102.6	81.4	122.0	
192	24.0	19.1	28.7	

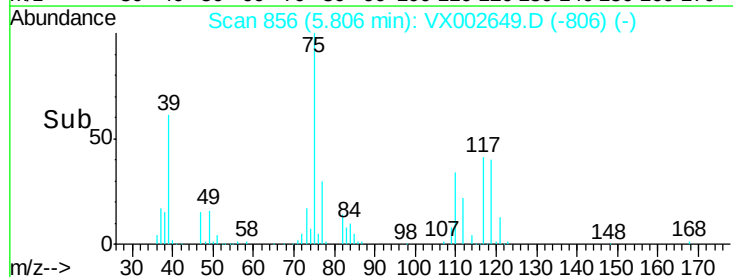
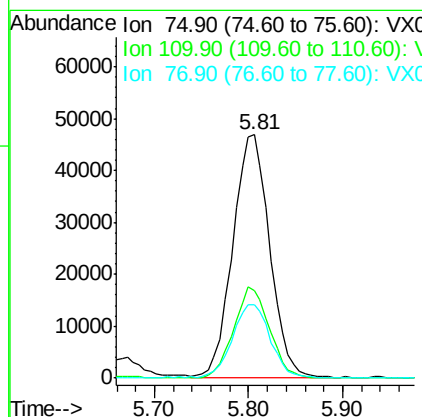
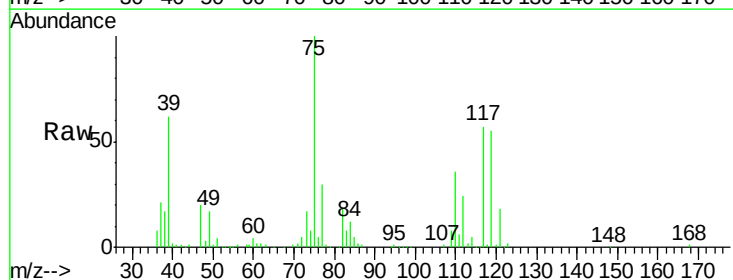
Manual Integrations
APPROVED

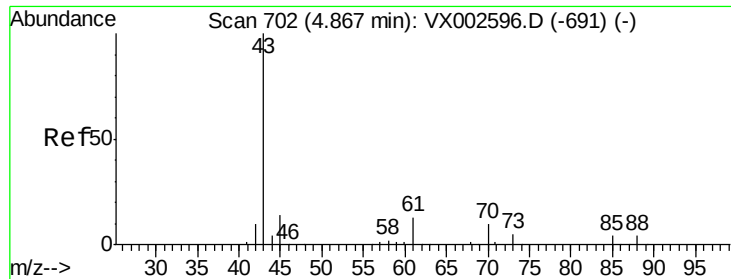
MMDadoda
6/18/2018 5:12:12 PM



#36
1,1-Dichloropropene
Concen: 42.22 ug/l
RT: 5.81 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	126300		
110	36.6	18.1	54.4	
77	31.1	24.3	36.5	





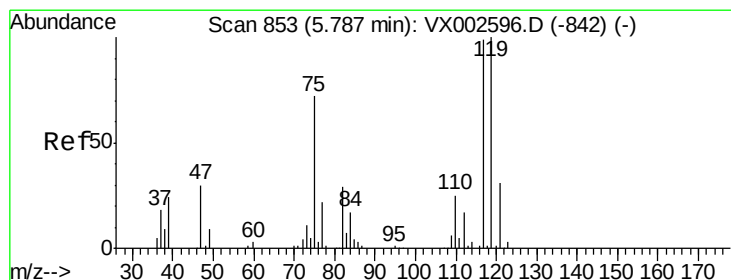
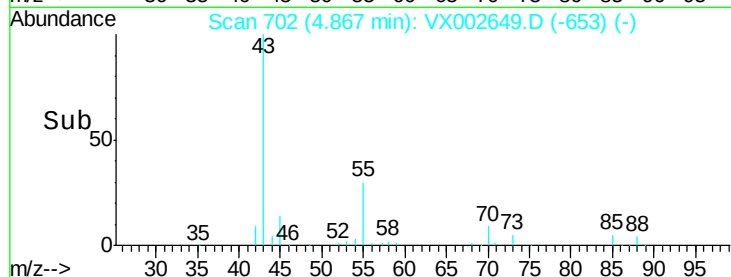
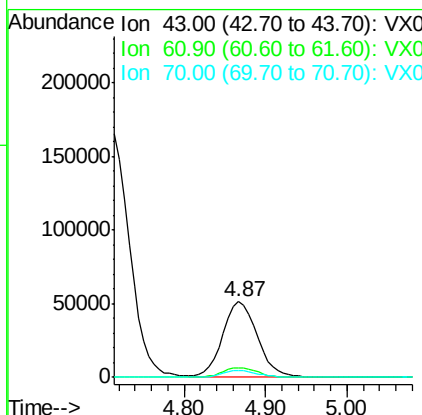
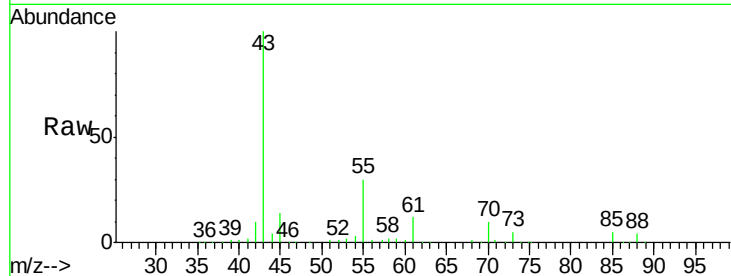
#37
Ethyl Acetate
Concen: 44.38 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampled :
S36-0135MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	9.6	7.6	11.4

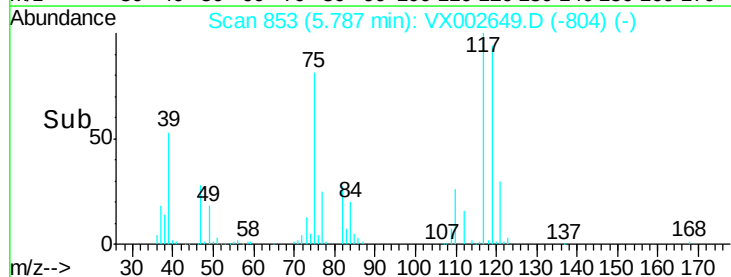
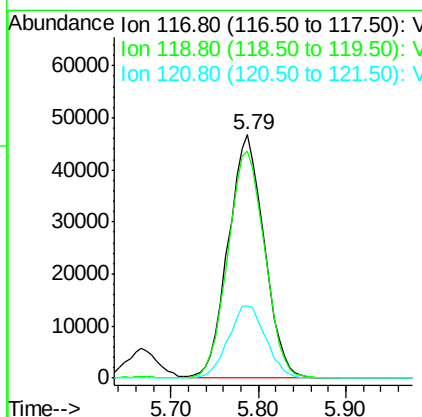
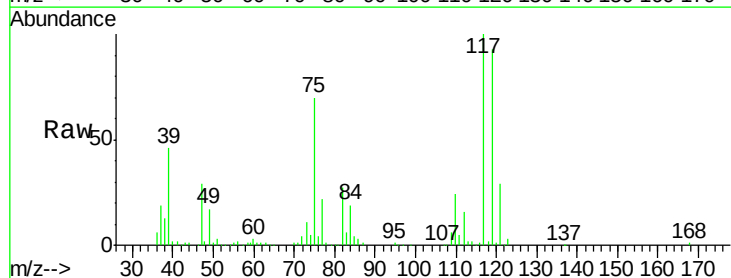
Manual Integrations
APPROVED

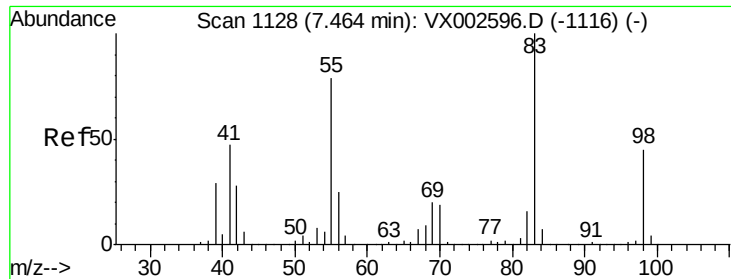
MMDadoda
6/18/2018 5:12:12 PM



#38
Carbon Tetrachloride
Concen: 44.82 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.4	116.0
121	29.4	24.4	36.6





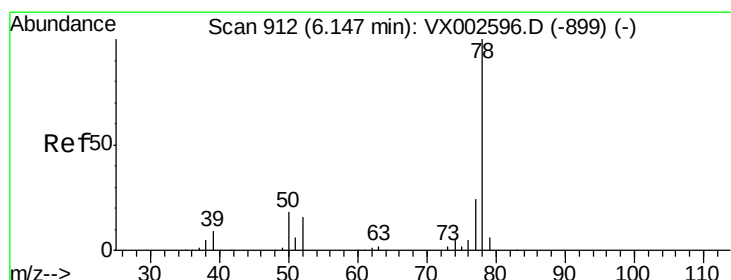
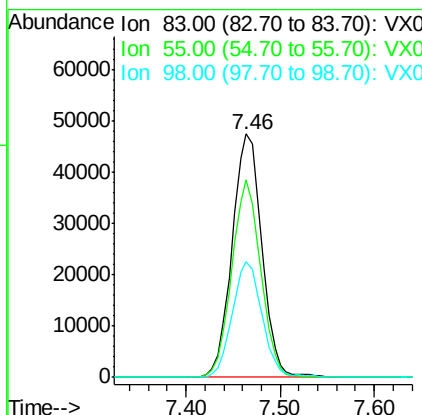
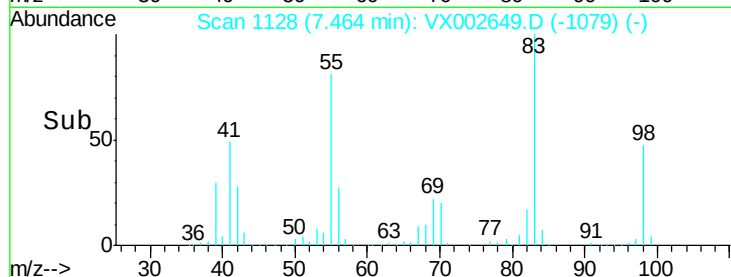
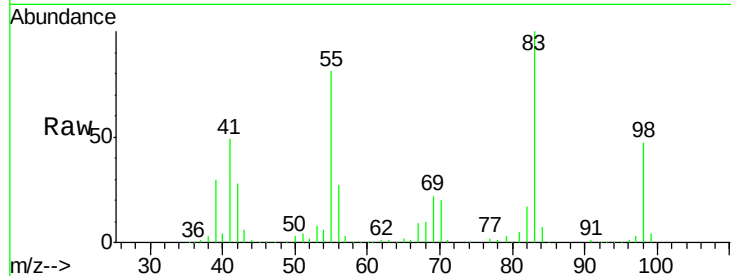
#39
Methylvlcyclohexane
Concen: 29.81 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
S36-0135MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.4	98.0
98	47.3	37.4	56.0

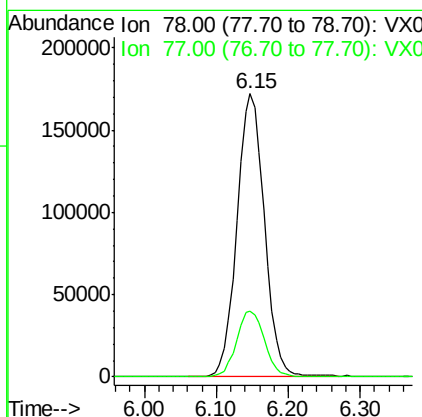
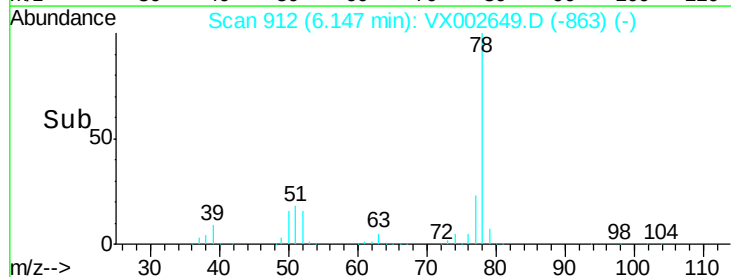
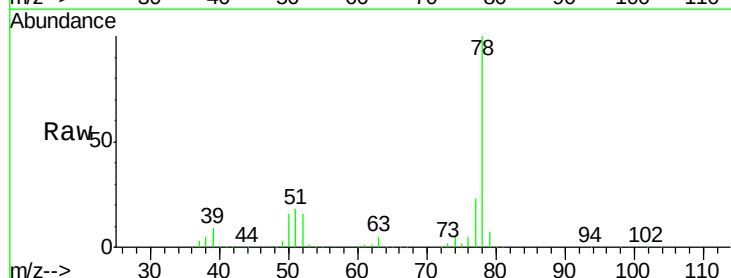
Manual Integrations
APPROVED

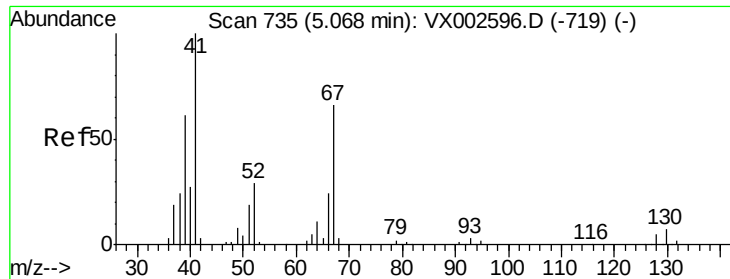
MMDadoda
6/18/2018 5:12:12 PM



#40
Benzene
Concen: 50.79 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.1	28.7





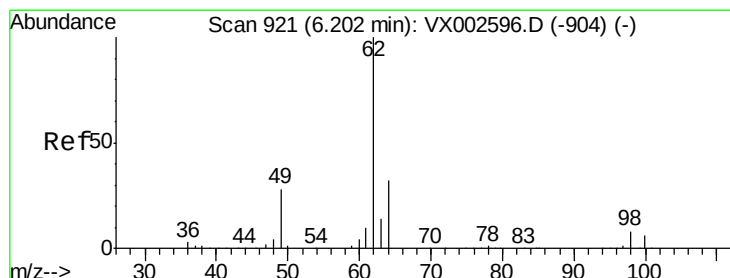
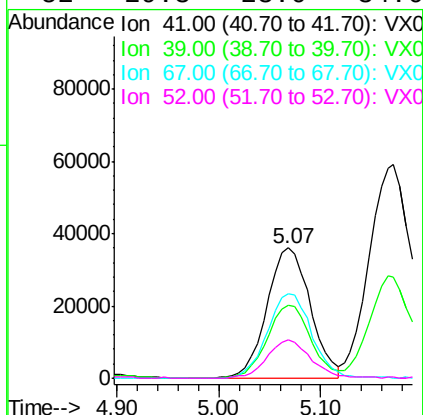
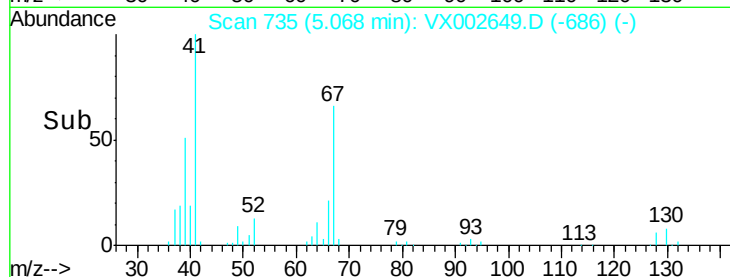
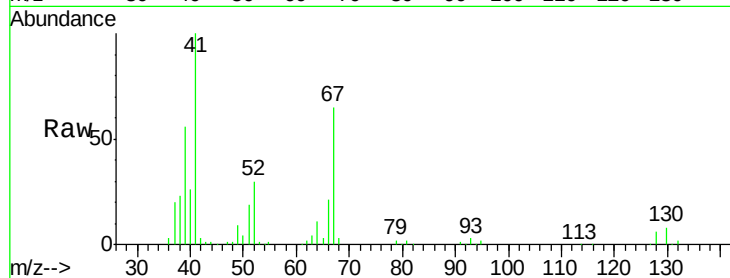
#41
Methacrylonitrile
Concen: 55.72 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
S36-0135MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		106509		
39	55.6	45.8	68.6		
67	66.6	51.3	76.9		
52	29.3	23.0	34.6		

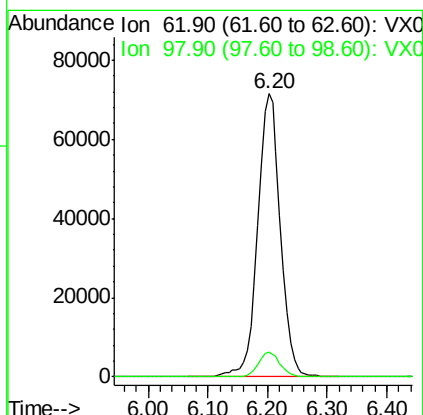
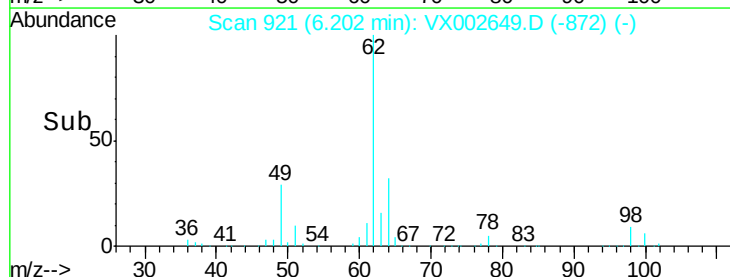
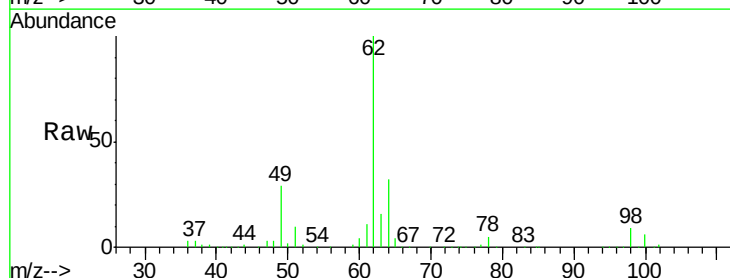
Manual Integrations
APPROVED

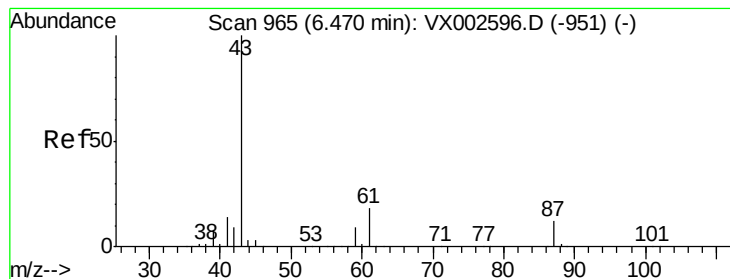
MMDadoda
6/18/2018 5:12:12 PM



#42
1,2-Dichloroethane
Concen: 54.36 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		188773		
98	8.5	0.0	16.6		





#43

Isopropyl Acetate

Concen: 48.11 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

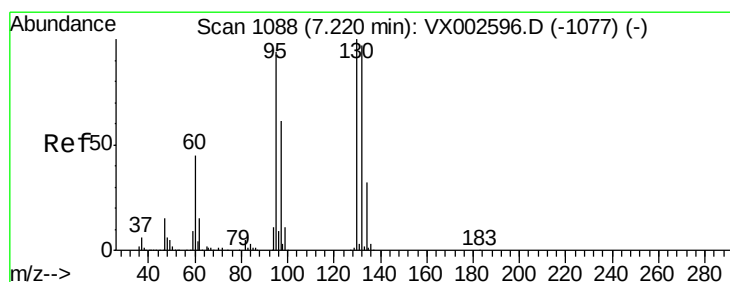
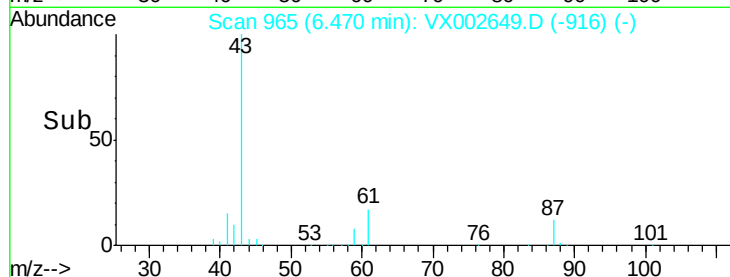
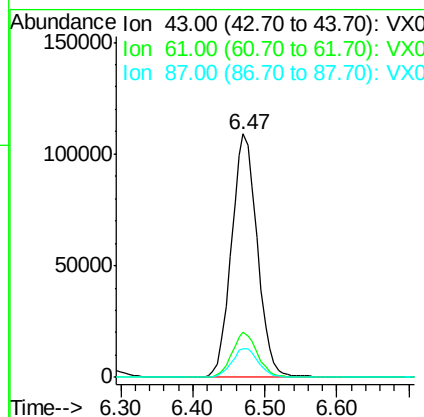
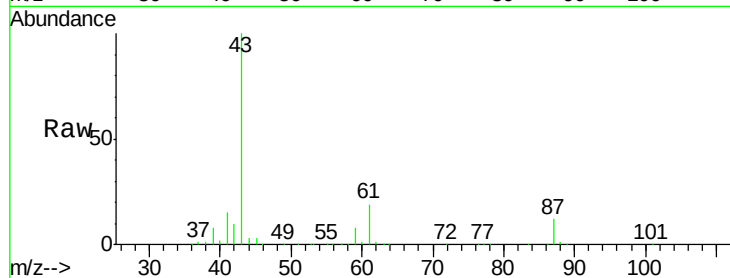
ClientSampleId :

S36-0135MSD

Tot Ion:	43	Resp:	269874
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.3	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 46.40 ug/l

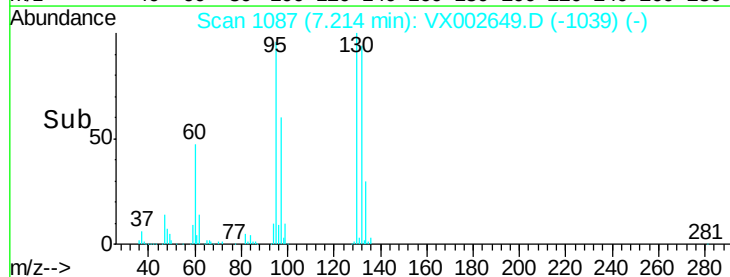
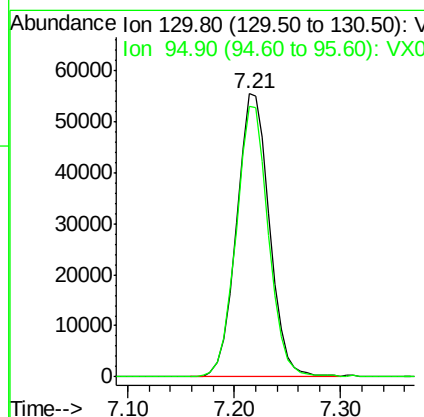
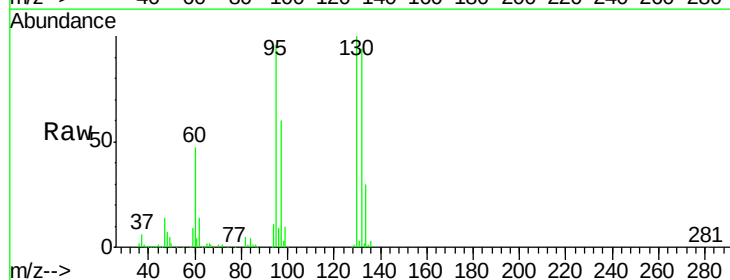
RT: 7.21 min Scan# 1087

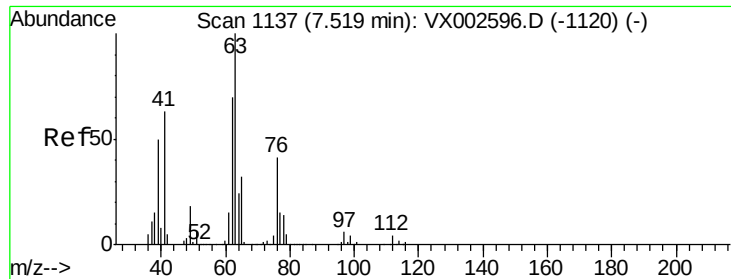
Delta R.T. -0.01 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Tgt Ion:	130	Resp:	120123
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	185.4





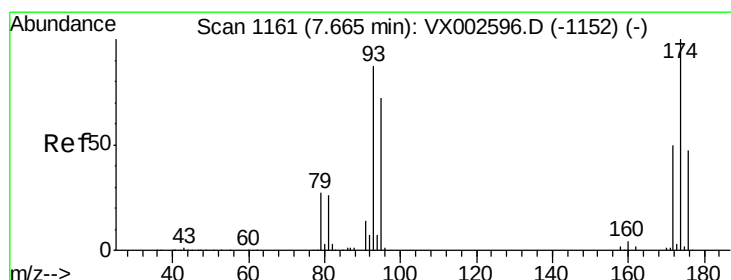
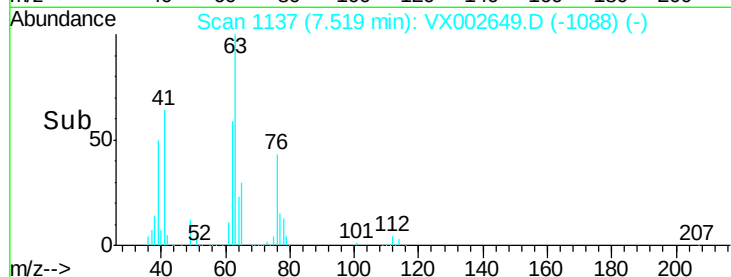
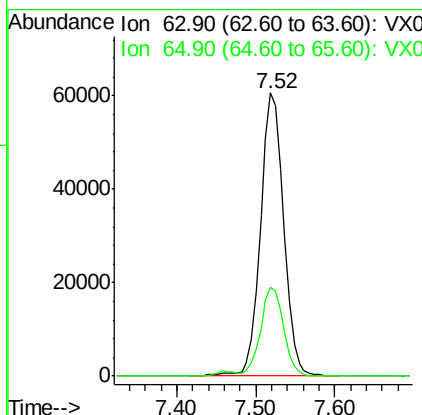
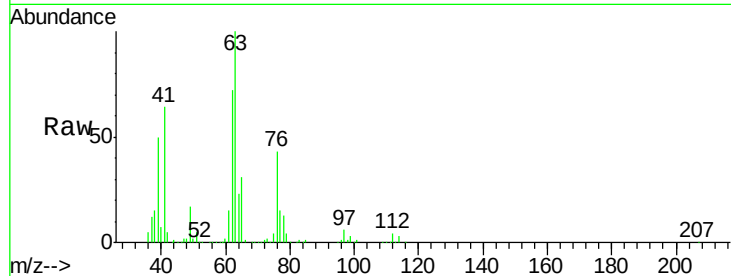
#45
 1,2-Dichloropropane
 Concen: 52.63 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Tot Ion: 63 Resp: 124223
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1

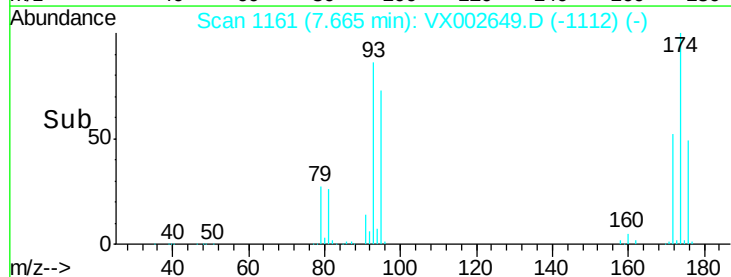
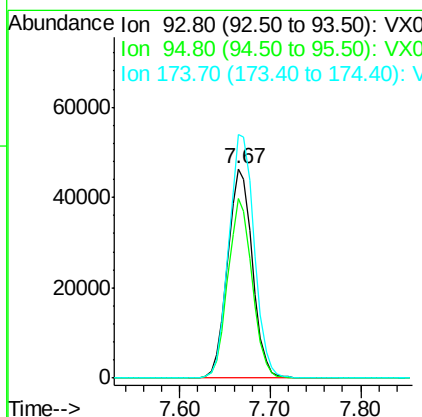
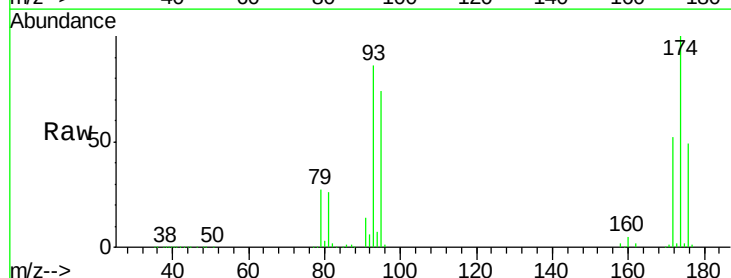
Manual Integrations
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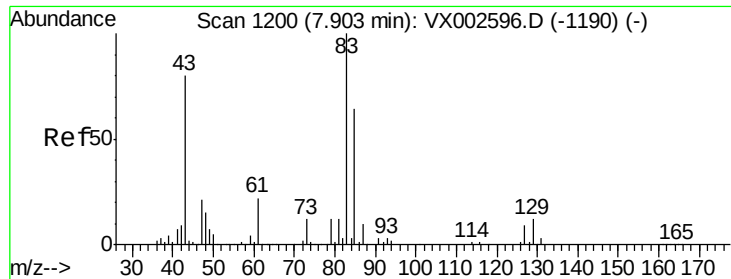
MMDadoda
 6/18/2018 5:12:12 PM



#46
 Dibromomethane
 Concen: 55.83 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Tgt Ion: 93 Resp: 88148
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.9 98.9
 174 119.2 92.4 138.6





#47

Bromodichloromethane

Concen: 57.61 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

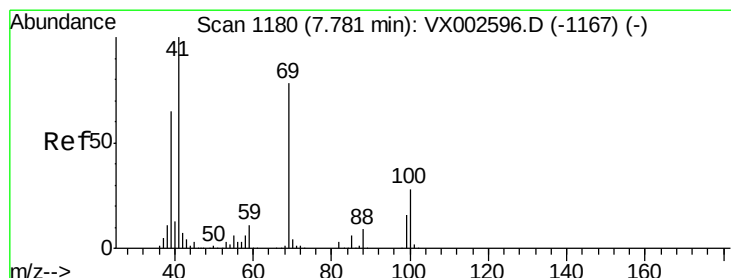
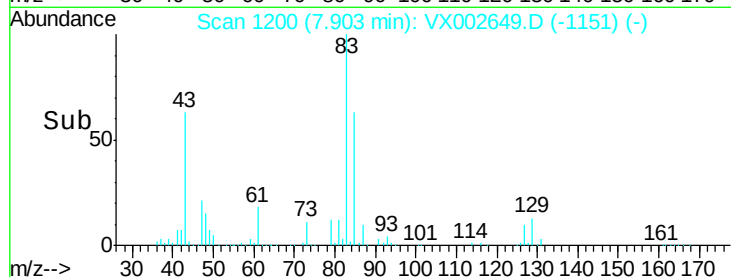
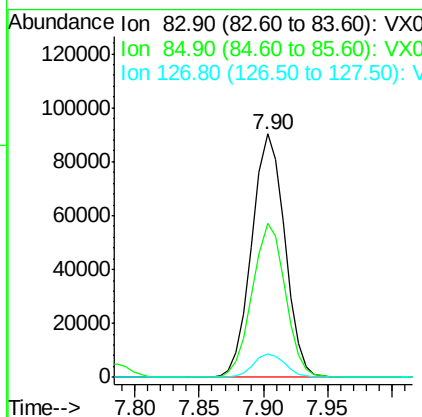
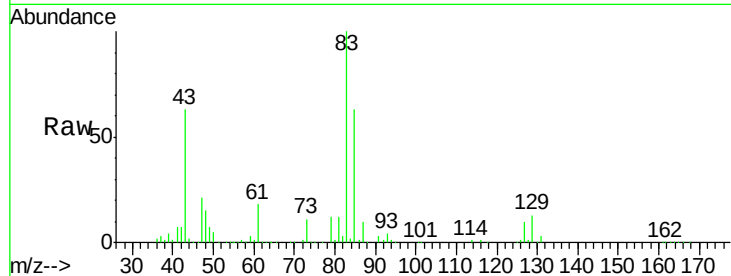
ClientSampleId :

S36-0135MSD

Tot Ion:	83	Resp:	160440
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.3	75.5
127	9.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.98 ug/l

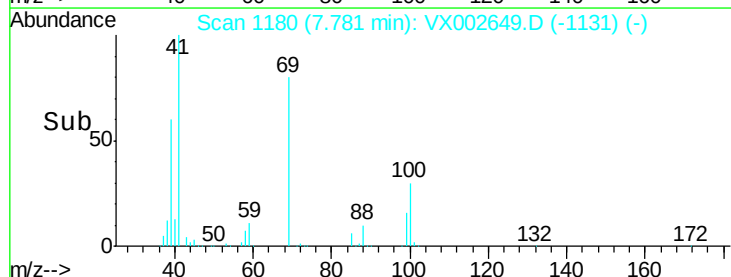
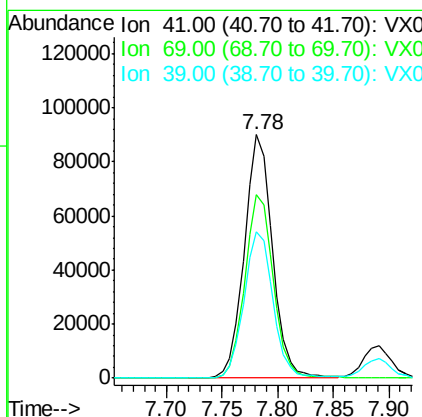
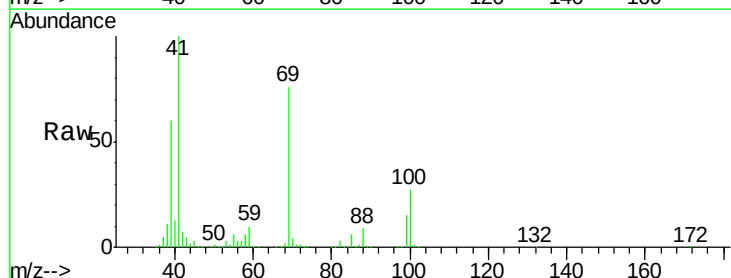
RT: 7.78 min Scan# 1180

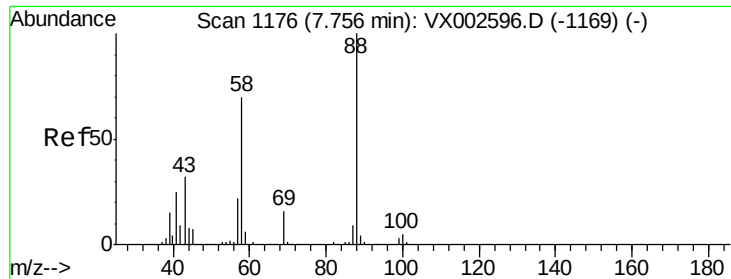
Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Tgt Ion:	41	Resp:	157595
Ion	Ratio	Lower	Upper
41	100		
69	77.3	59.1	88.7
39	61.9	48.9	73.3





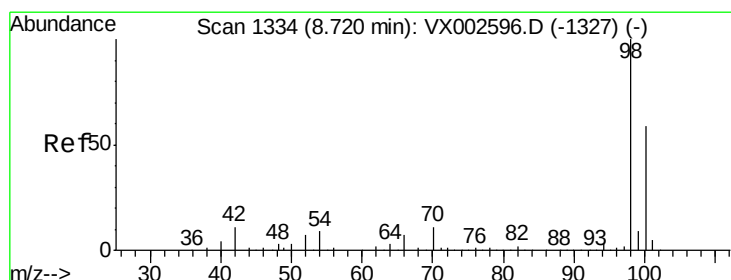
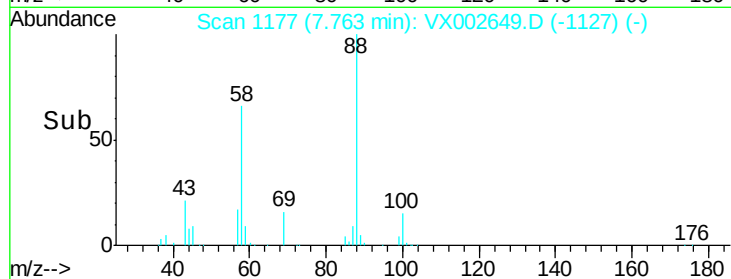
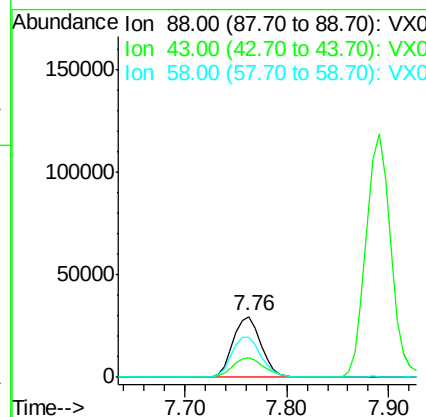
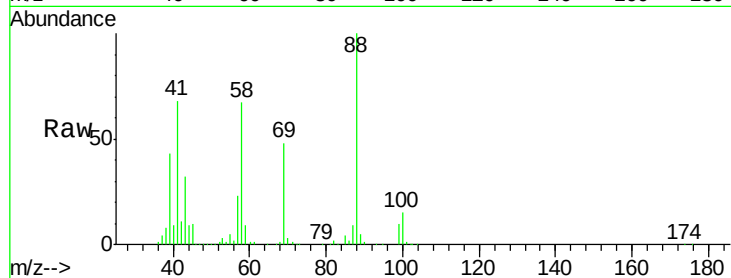
#49
 1,4-Dioxane
 Concen: 1040.36 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	29.8	44.6
58	70.2	57.1	85.7

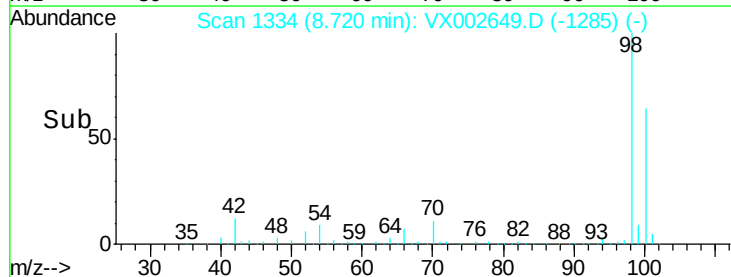
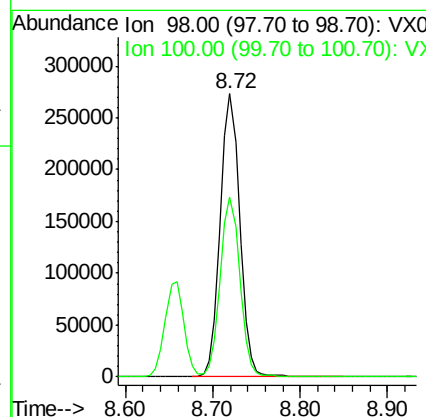
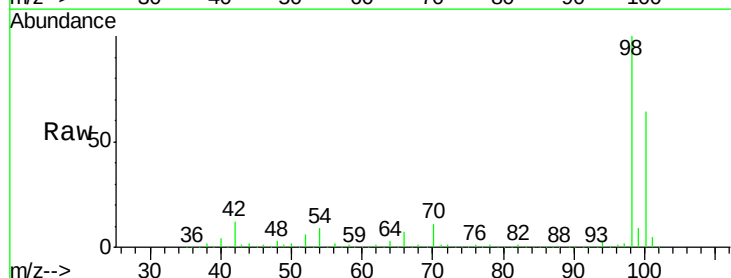
Manual Integrations
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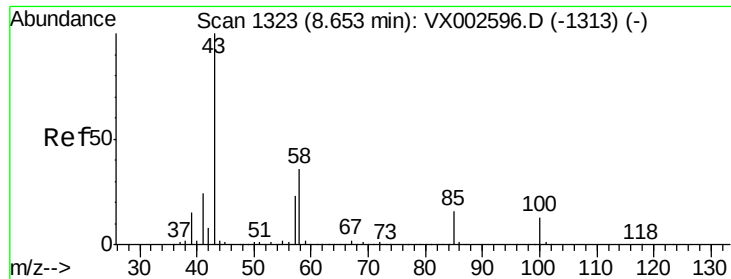
MMDadoda
 6/18/2018 5:12:12 PM



#50
 Toluene-d8
 Concen: 49.66 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 277.94 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

ClientSampled :

S36-0135MSD

Tot Ion: 43 Resp: 1001012

Ion Ratio Lower Upper

43 100

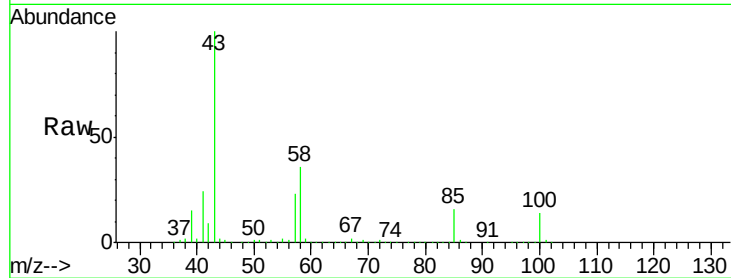
58 36.0 28.6 42.8

Manual Integrations

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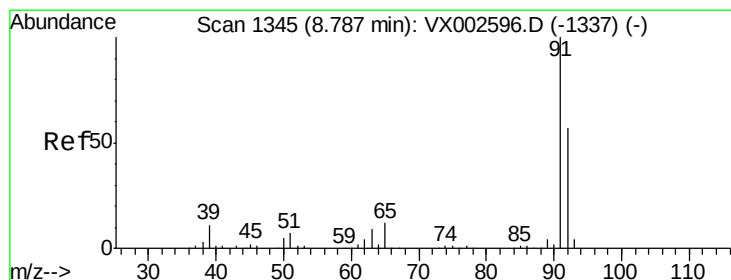
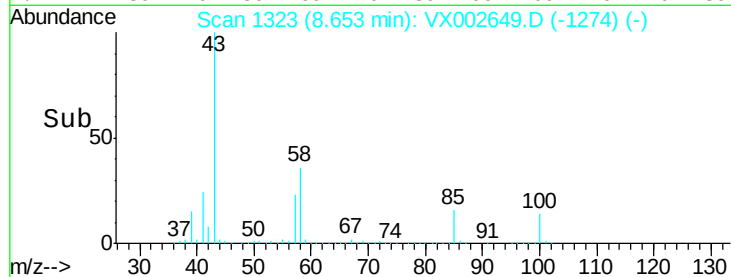
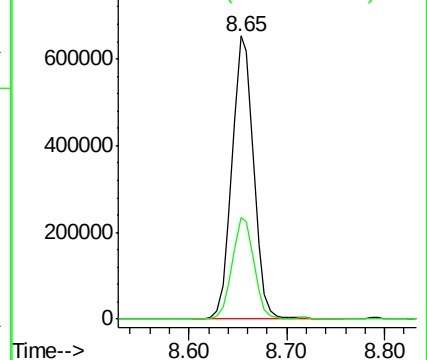
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.10 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002649.D

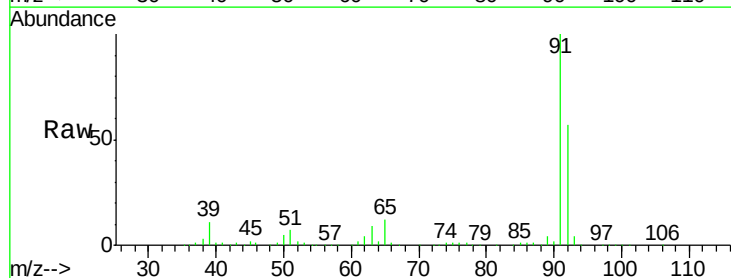
Acq: 16 Jun 2018 15:34

Tgt Ion: 92 Resp: 286611

Ion Ratio Lower Upper

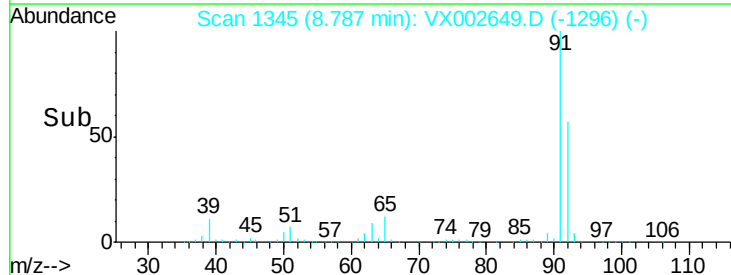
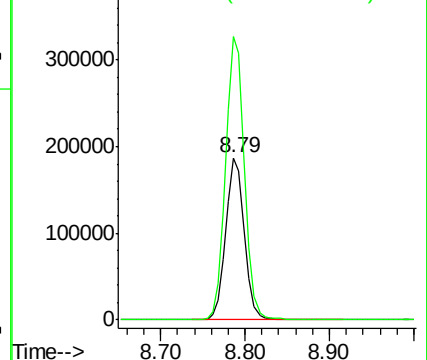
92 100

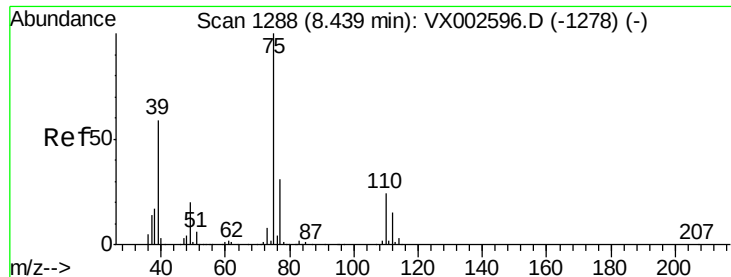
91 176.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





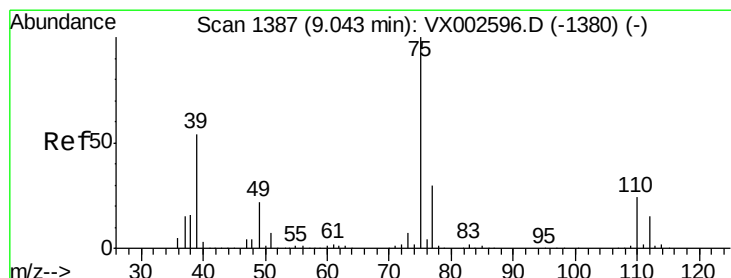
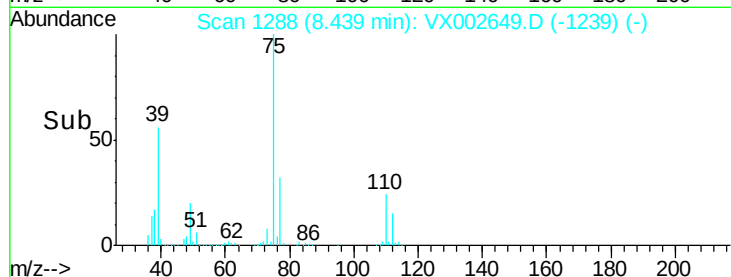
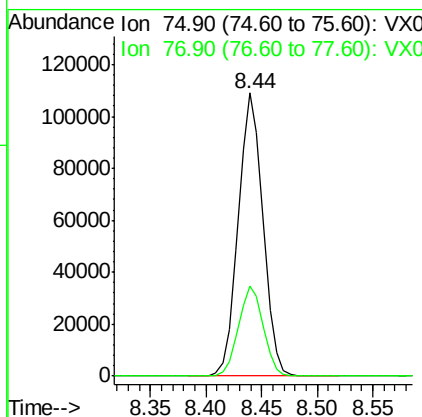
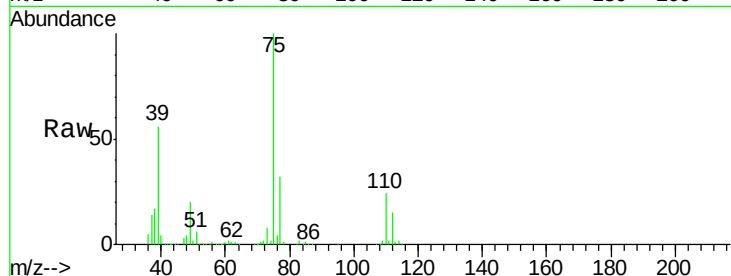
#53
t-1,3-Dichloropropene
Concen: 45.57 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampled :
S36-0135MSD

Tot Ion: 75 Resp: 167173
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

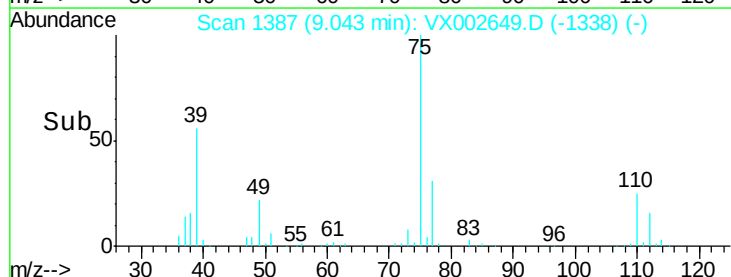
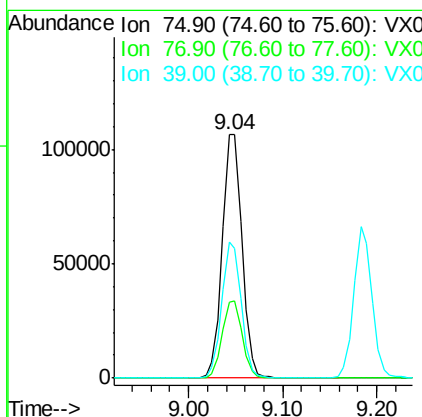
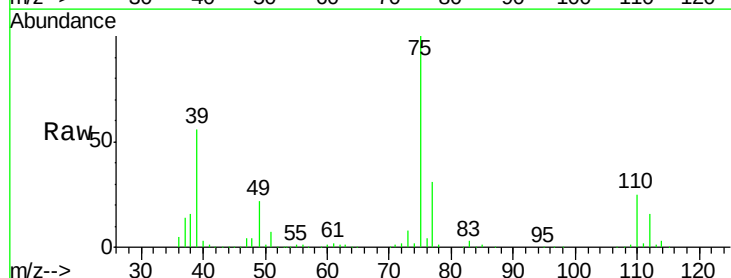
Manual Integrations
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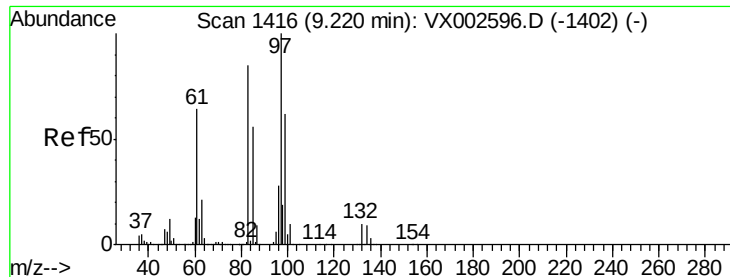
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 44.49 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion: 75 Resp: 155145
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 55.8 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 56.30 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

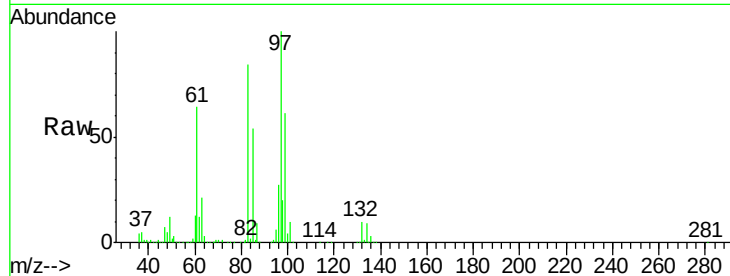
ClientSampleId :

S36-0135MSD

Tot Ion:	97	Resp:	130156
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.2	105.2
85	54.0	44.9	67.3
99	61.0	49.8	74.8

Manual Integrations
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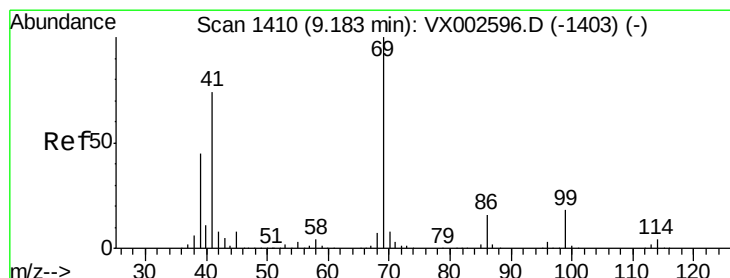
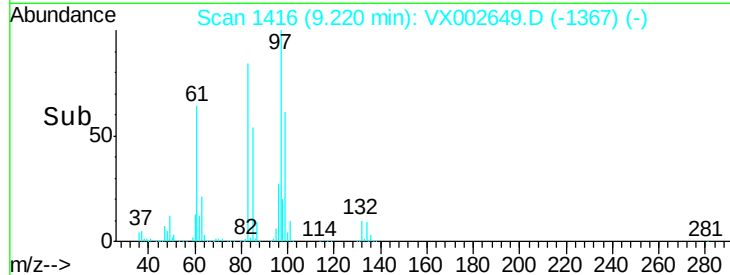
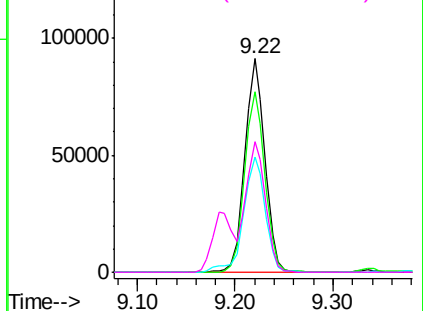


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 56.19 ug/l

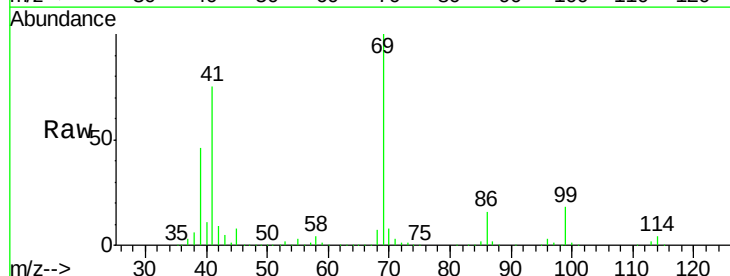
RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

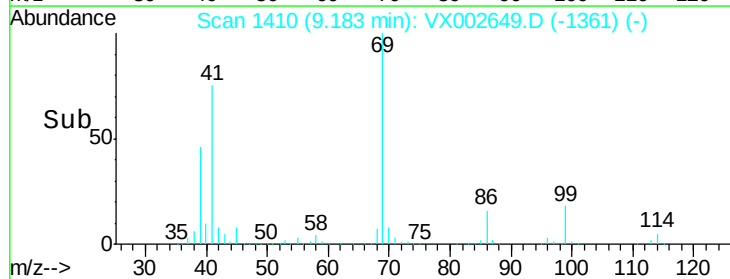
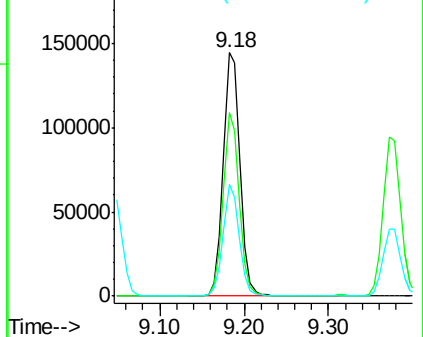
Tgt Ion:	69	Resp:	199913
Ion	Ratio	Lower	Upper
69	100		
41	72.4	60.3	90.5
39	44.0	35.8	53.8

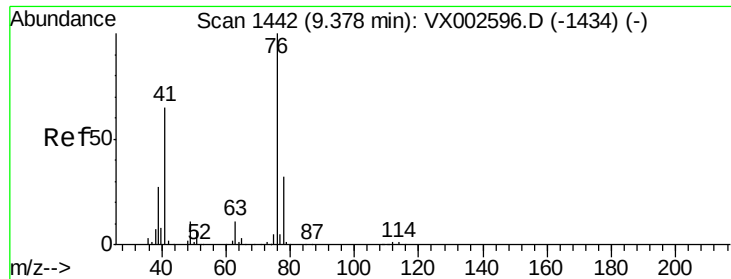


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





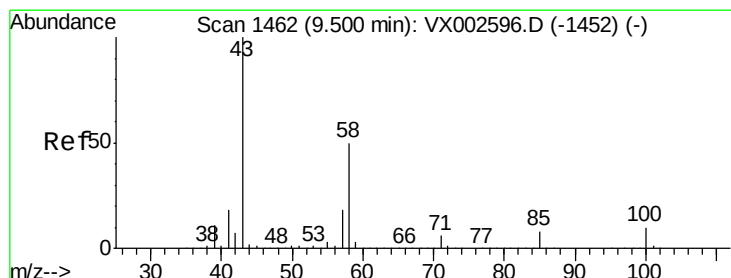
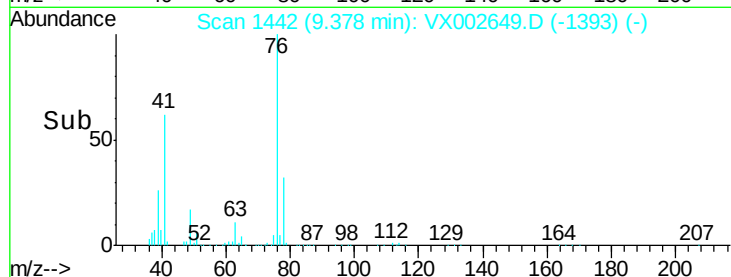
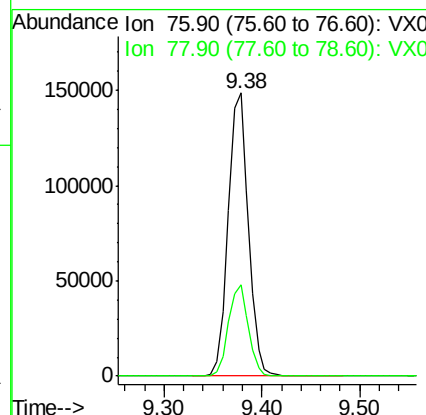
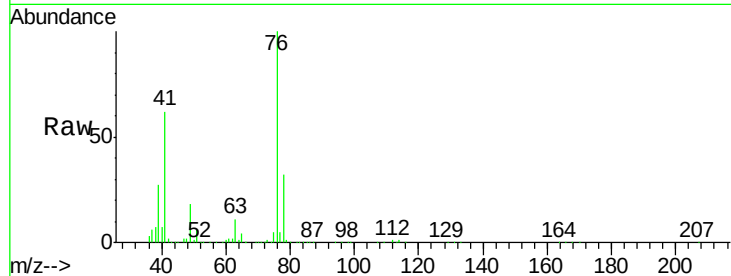
#57
 1,3-Dichloropropane
 Concen: 54.43 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.6

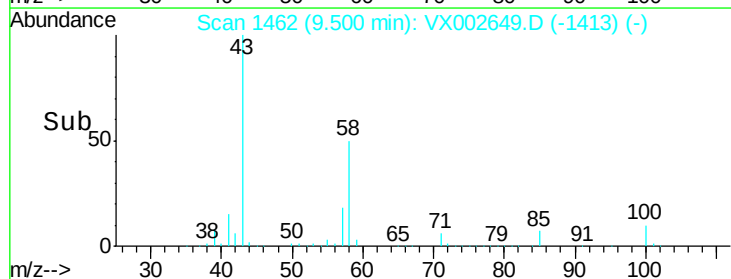
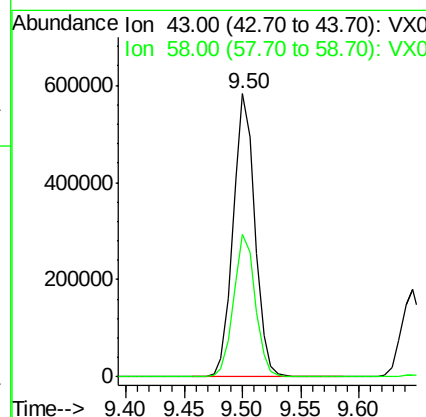
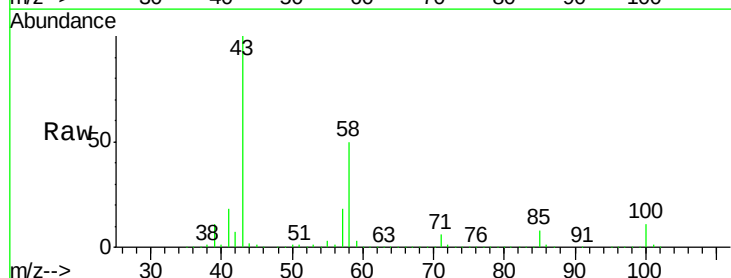
Manual Integrations
 APPROVED

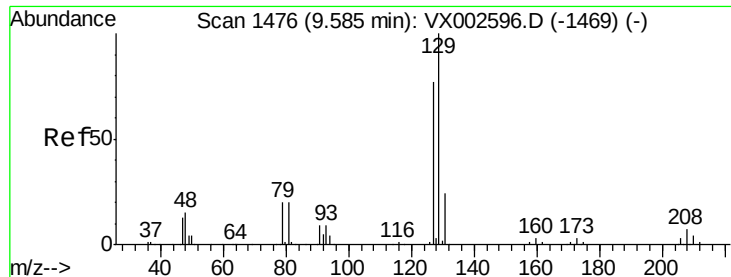
MMDadoda
 6/18/2018 5:12:12 PM



#59
 2-Hexanone
 Concen: 279.49 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.5	24.6	73.6





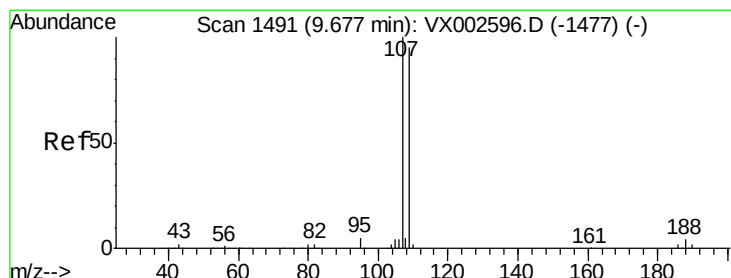
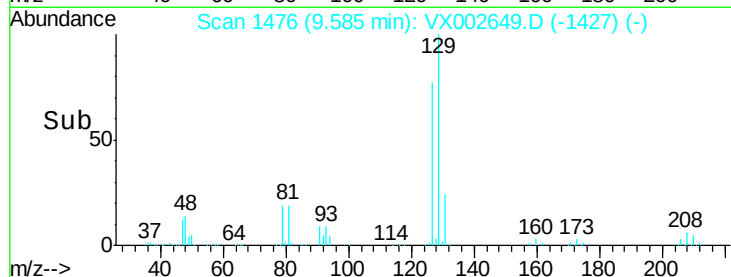
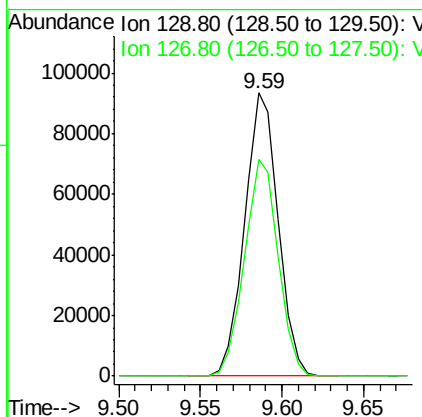
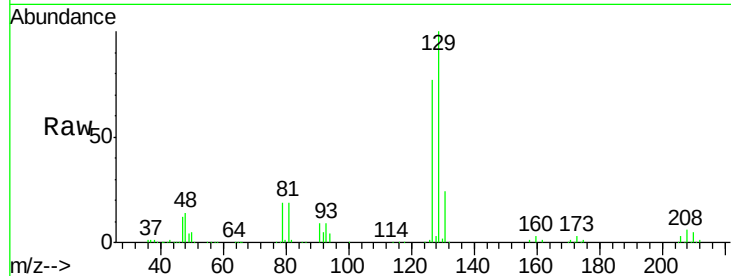
#60
 Dibromochloromethane
 Concen: 51.41 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.5	115.3

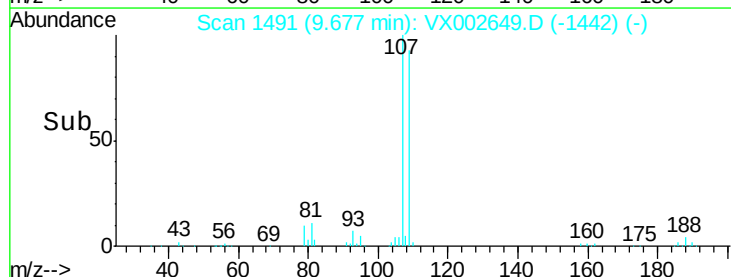
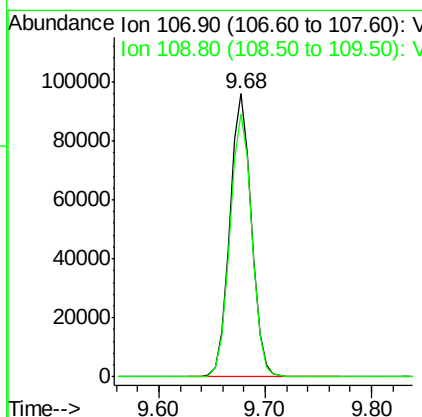
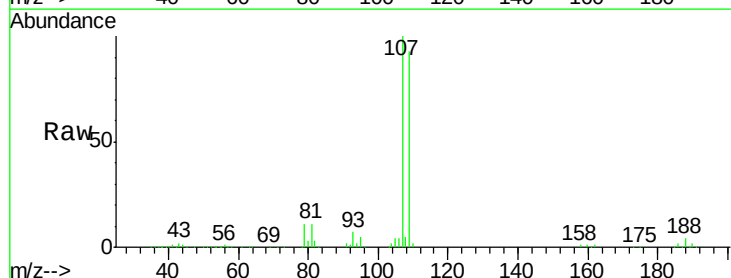
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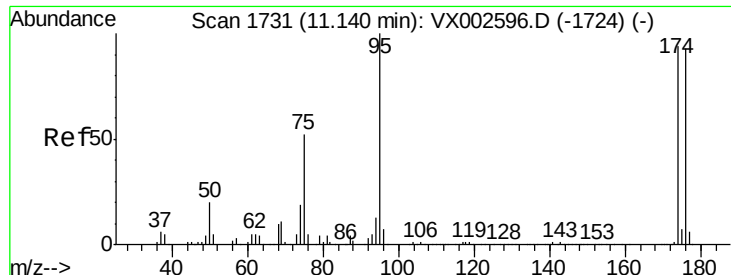
MMDadoda
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#61
 1,2-Dibromoethane
 Concen: 57.14 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.3	112.9





#62

4-Bromofluorobenzene

Concen: 50.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

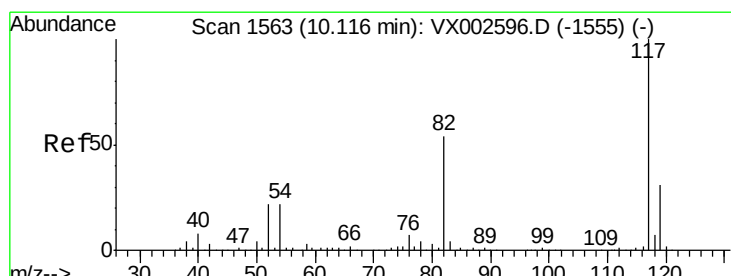
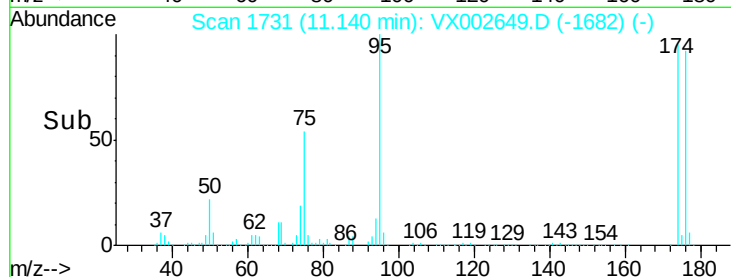
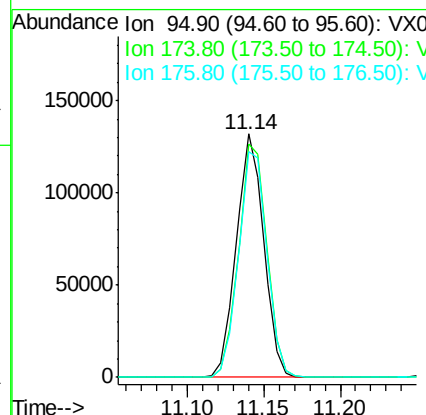
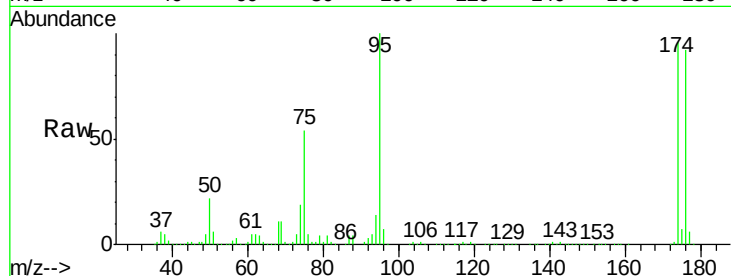
ClientSampleId :

S36-0135MSD

Tot Ion:	95	Resp:	163305
Ion Ratio	Lower	Upper	
95	100		
174	99.2	0.0	187.4
176	96.6	0.0	181.0

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

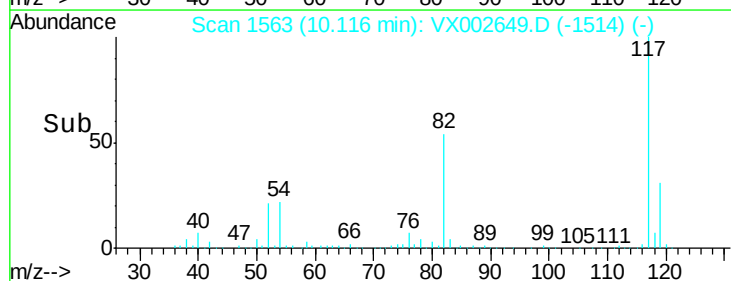
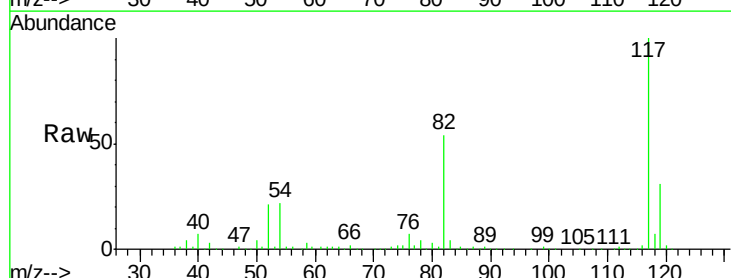
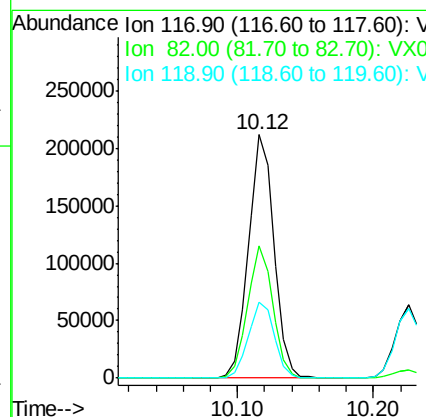
RT: 10.12 min Scan# 1563

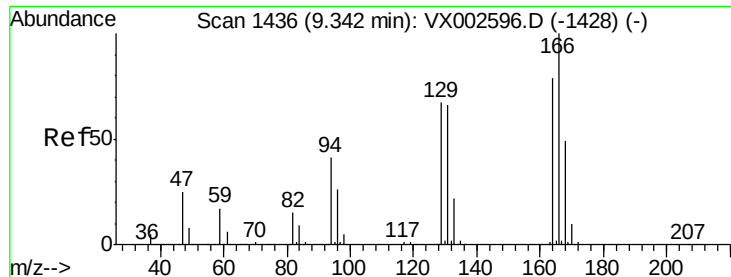
Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Tgt Ion:	117	Resp:	277496
Ion Ratio	Lower	Upper	
117	100		
82	54.1	45.0	67.4
119	31.4	25.8	38.6





#64

Tetrachloroethene

Concen: 34.98 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

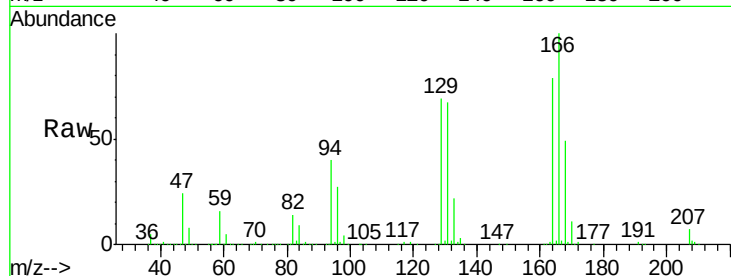
ClientSampleId :

S36-0135MSD

Tot Ion	164	166	129	131
Ratio	100	126.6	86.8	84.3
Lower		102.9	68.6	66.8
Upper		154.3	102.8	100.2

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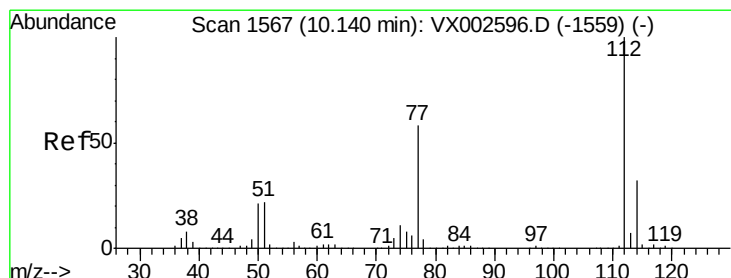
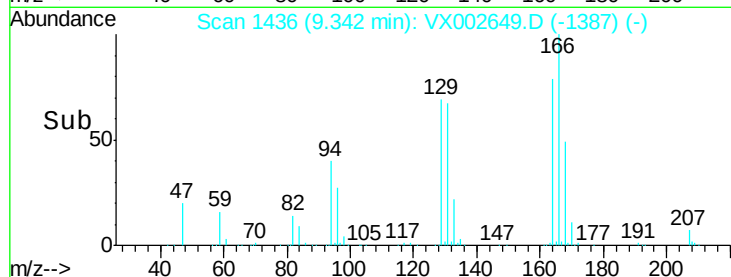
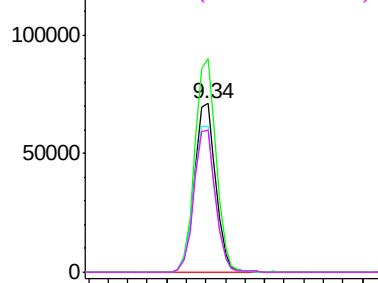


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 52.12 ug/l

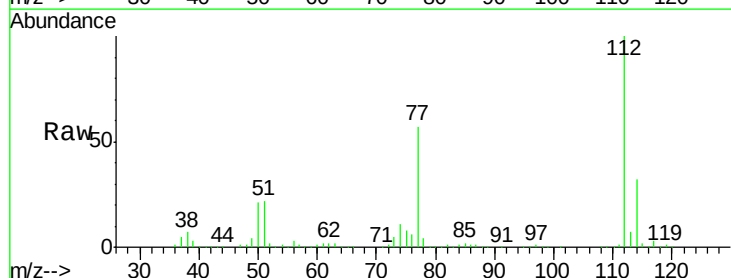
RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002649.D

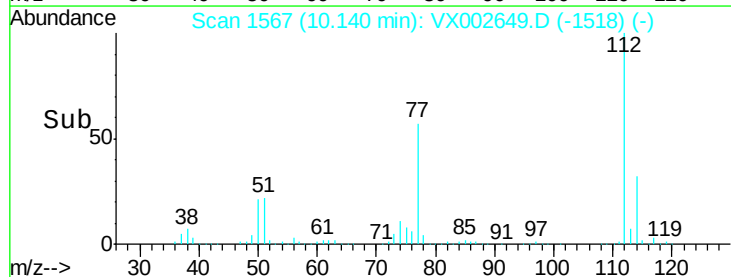
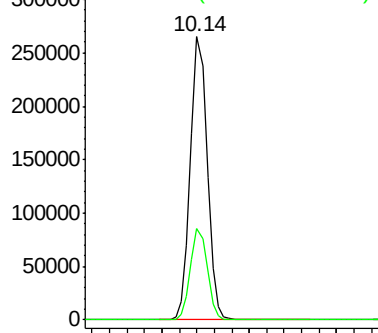
Acq: 16 Jun 2018 15:34

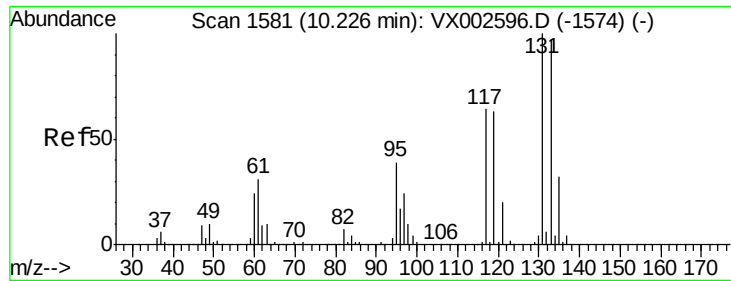
Tgt Ion	112	114
Ratio	100	32.5
Lower		25.3
Upper		37.9



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: 56.04 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

ClientSampleId :

S36-0135MSD

Tot Ion:131 Resp: 130198

Ion Ratio Lower Upper

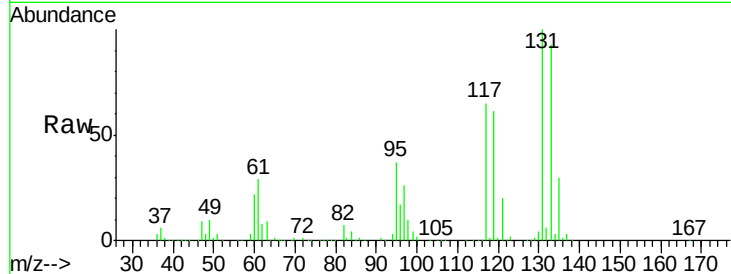
131 100

133 94.5 47.9 143.6

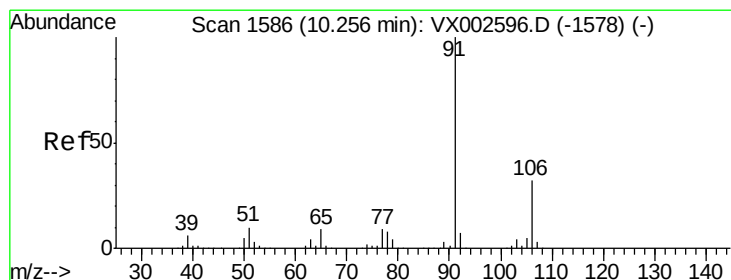
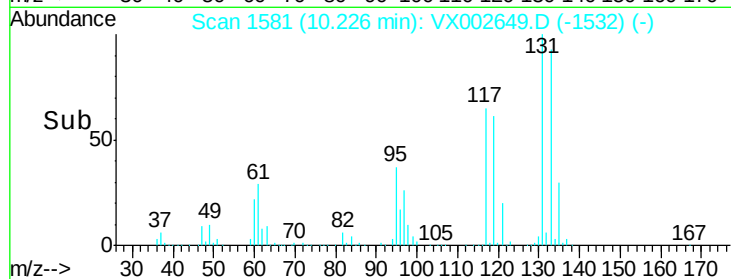
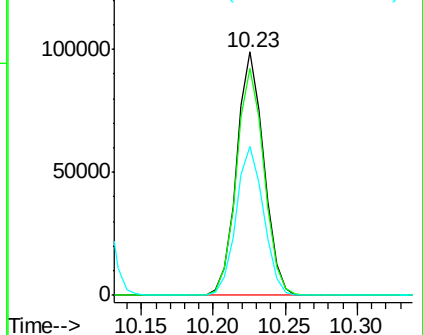
119 61.9 31.8 95.3

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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: 48.29 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002649.D

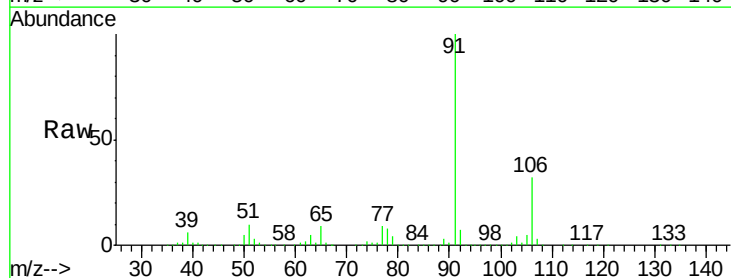
Acq: 16 Jun 2018 15:34

Tgt Ion: 91 Resp: 555122

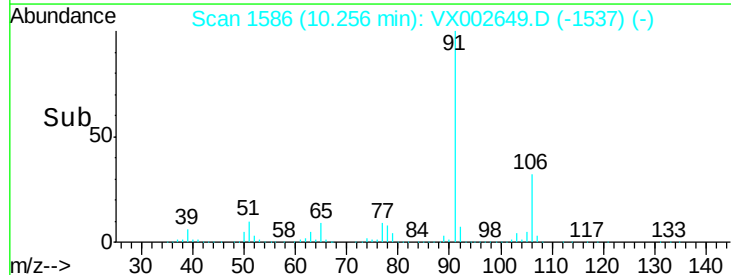
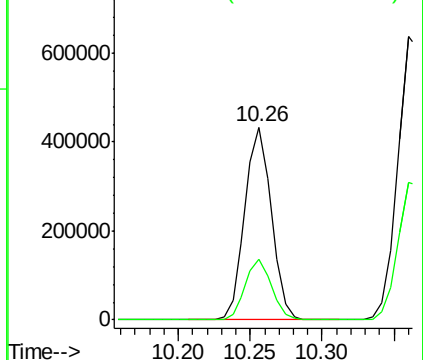
Ion Ratio Lower Upper

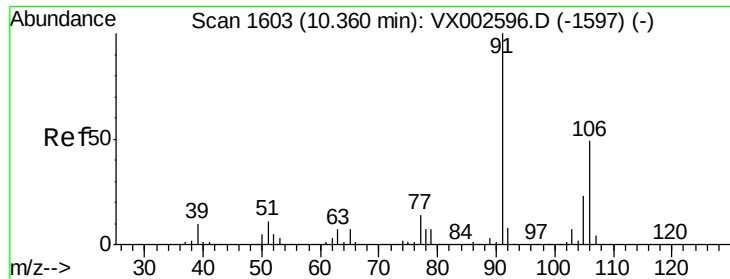
91 100

106 31.7 25.5 38.3



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





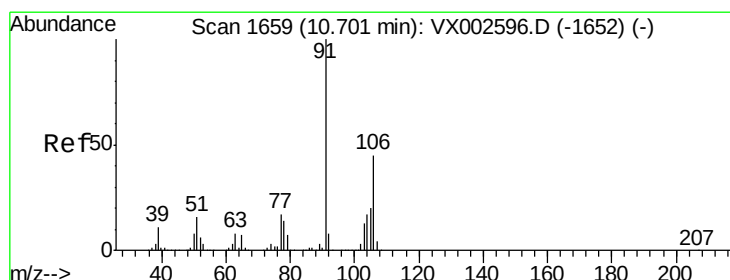
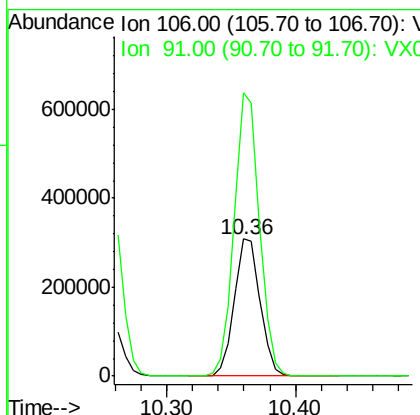
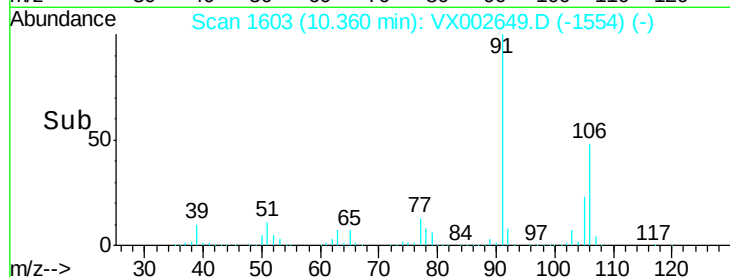
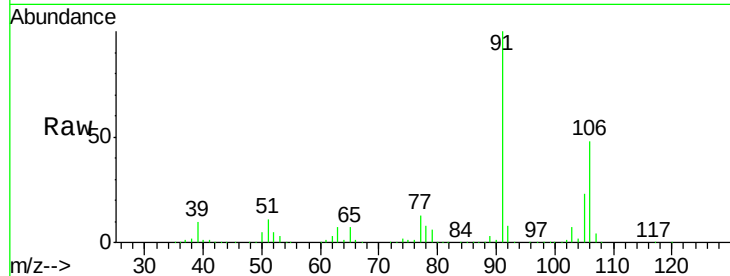
#68
m/p-Xylenes
Concen: 96.83 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
S36-0135MSD

Tot Ion:106 Resp: 429321
Ion Ratio Lower Upper
106 100
91 203.1 163.4 245.2

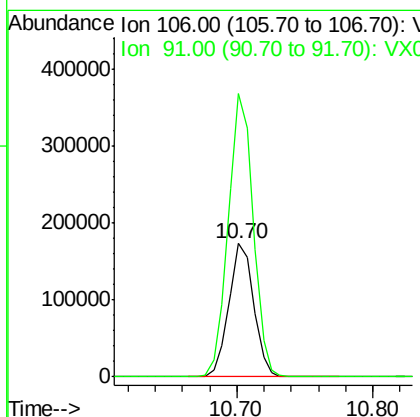
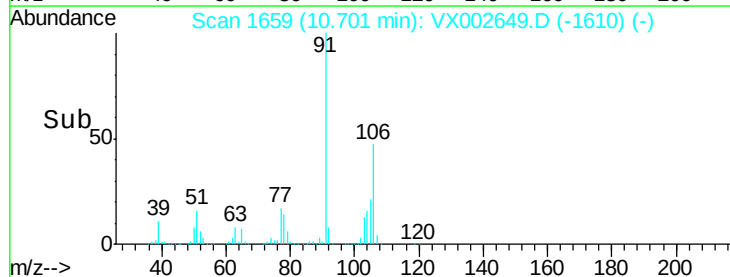
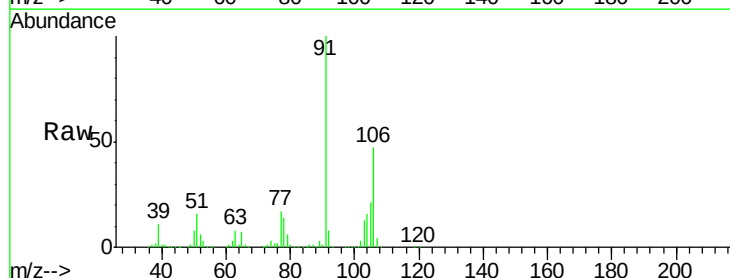
Manual Integrations
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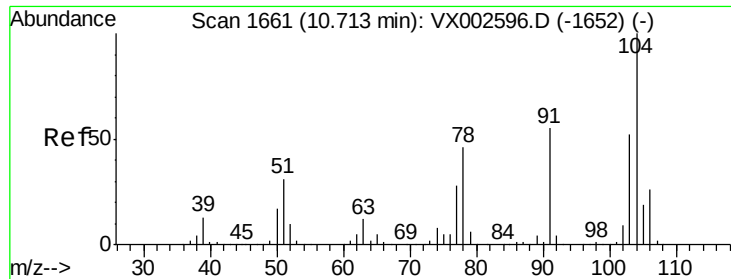
MMDadoda
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#69
o-Xylene
Concen: 50.65 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion:106 Resp: 220632
Ion Ratio Lower Upper
106 100
91 212.4 108.2 324.6





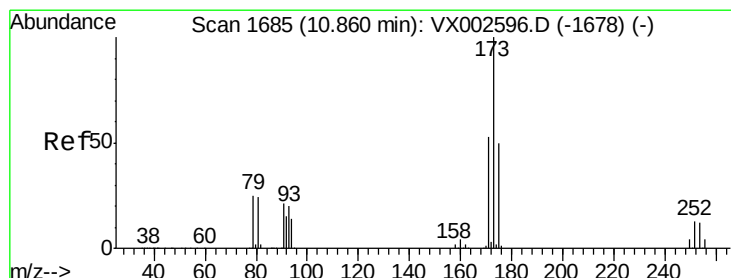
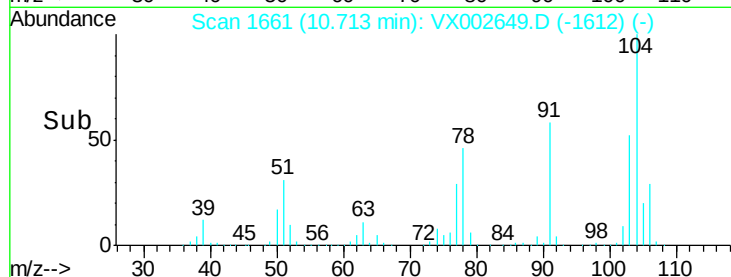
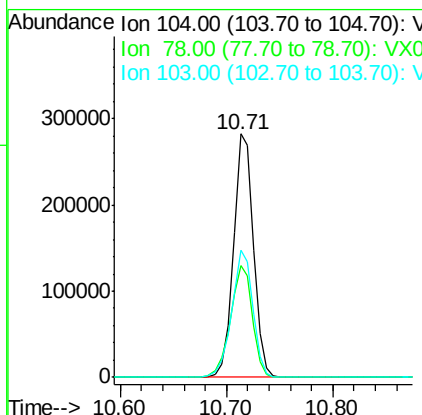
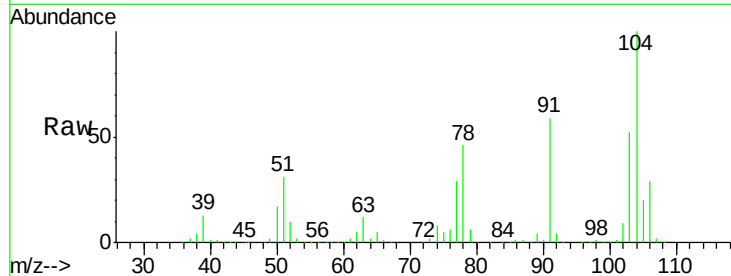
#70
Stvrene
Concen: 51.65 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
S36-0135MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.6	41.0	61.6
103	55.6	44.2	66.4

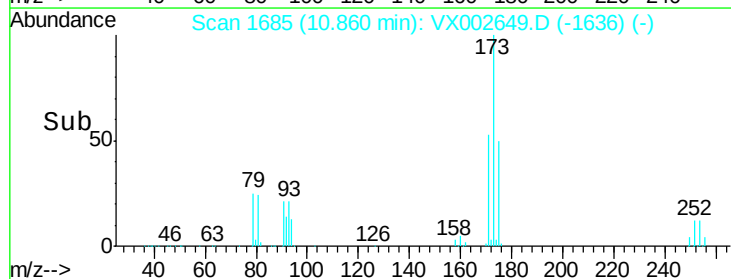
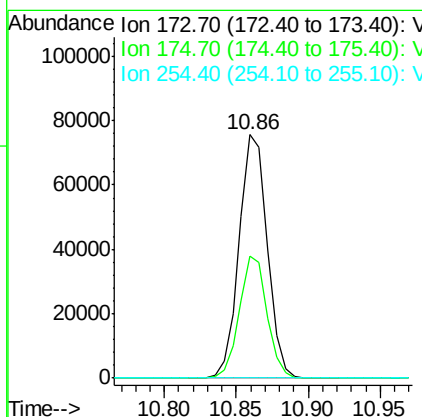
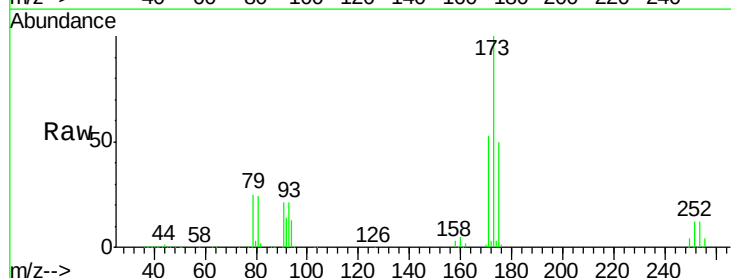
Manual Integrations
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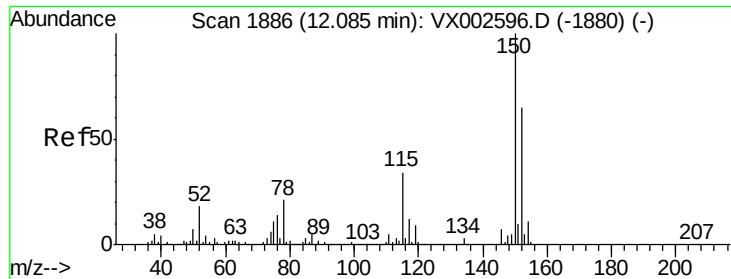
MMDadoda
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#71
Bromoform
Concen: 48.74 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2





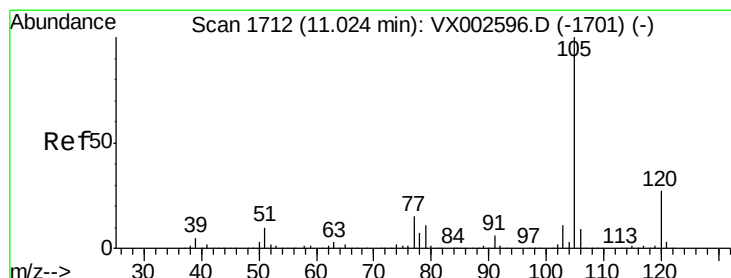
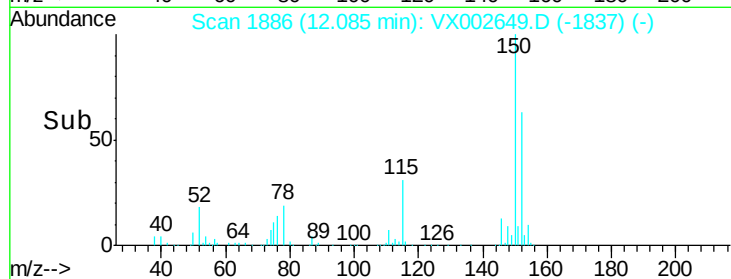
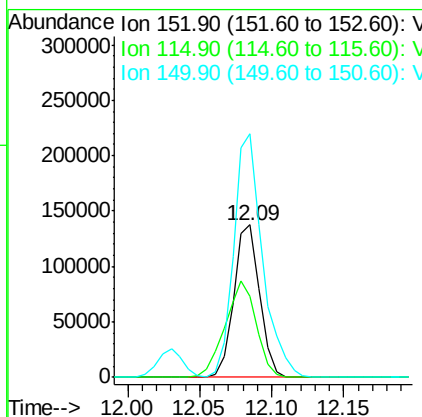
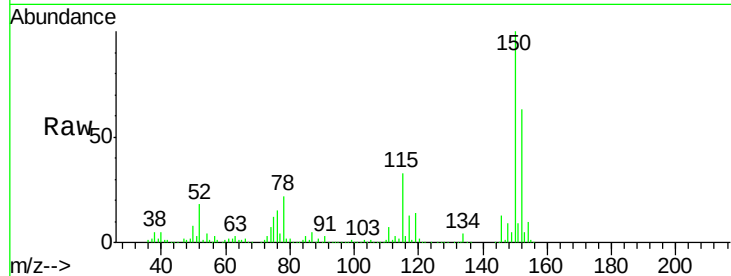
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.8	40.1	120.2
150	178.3	0.0	347.2

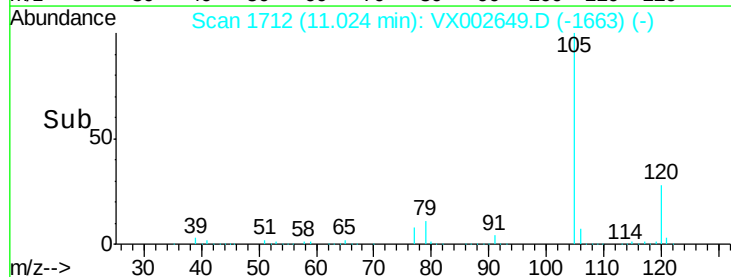
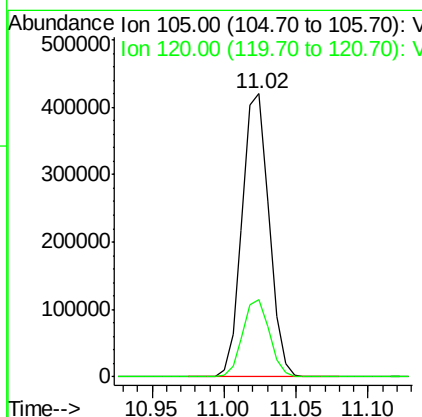
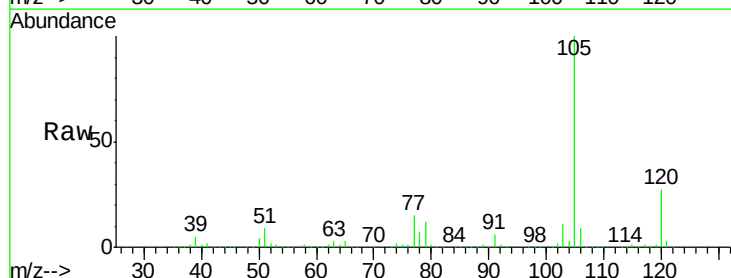
Manual Integrations
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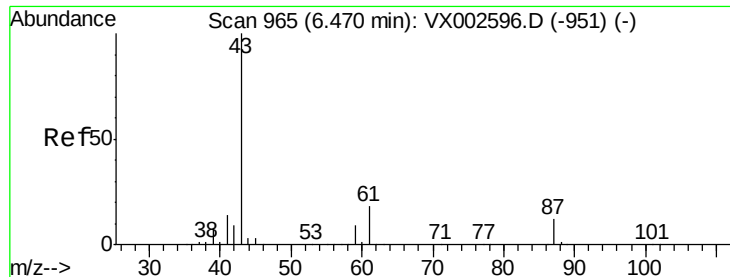
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#73
 Isopropylbenzene
 Concen: 47.45 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.4





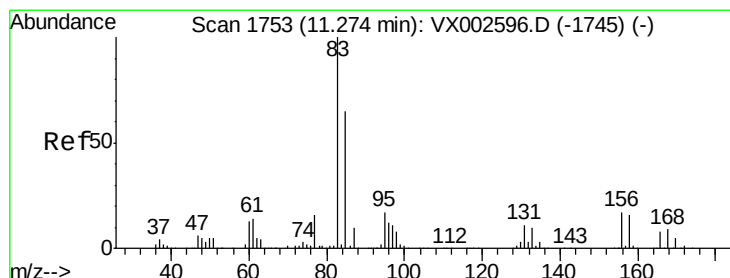
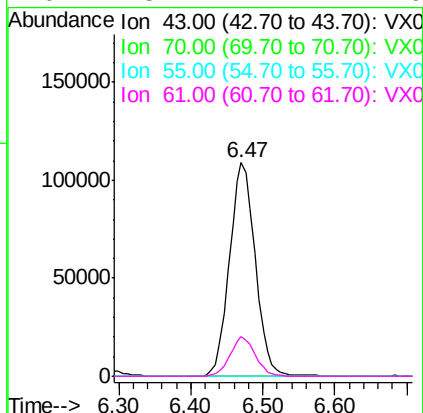
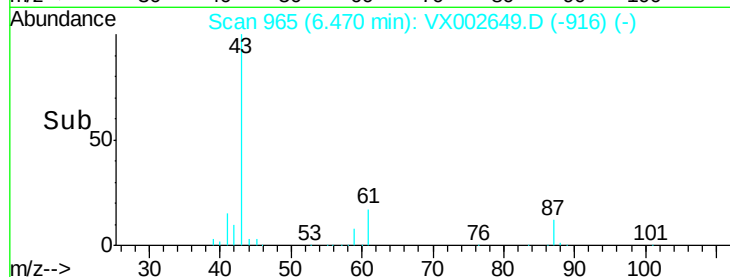
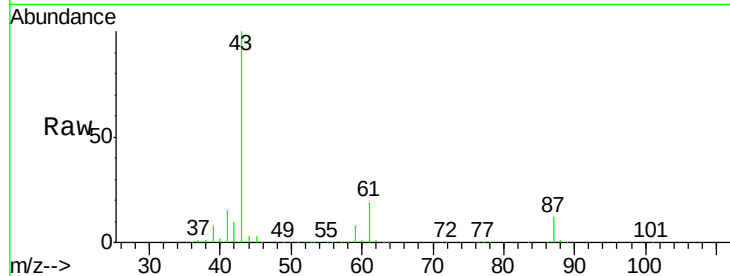
#74
N-amvl acetate
Concen: 47.29 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
S36-0135MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		269874		
70	0.0	0.0	0.0#		
55	0.1	0.0	0.0#		
61	18.2	14.4	21.6		

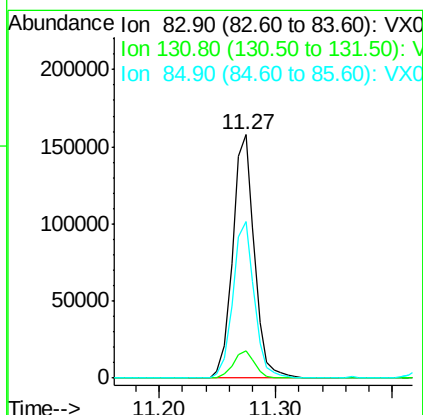
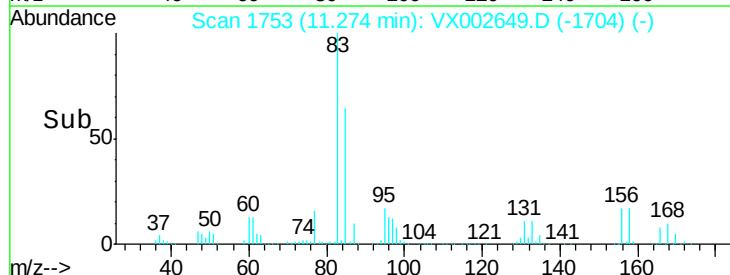
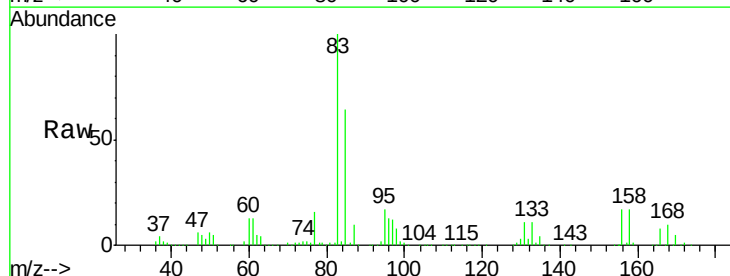
Manual Integrations
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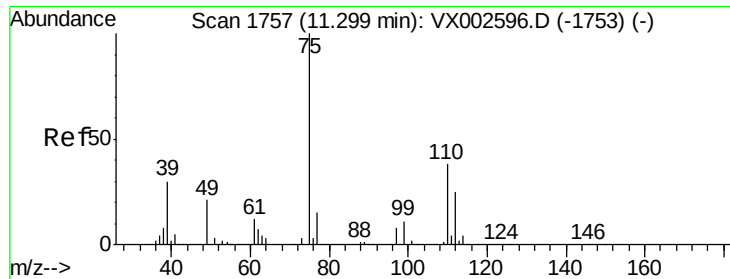
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#75
1,1,2,2-Tetrachloroethane
Concen: 60.03 ug/l
RT: 11.27 min Scan# 1753
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		203646		
131	11.2	5.6	16.8		
85	63.9	32.4	97.2		





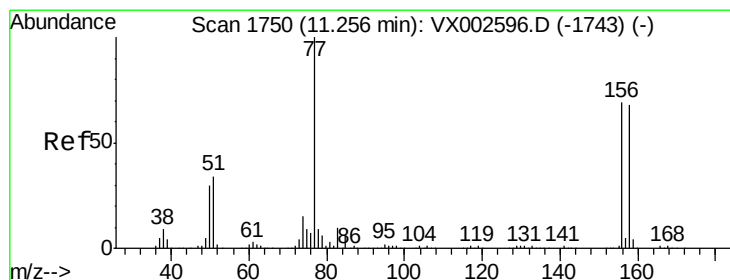
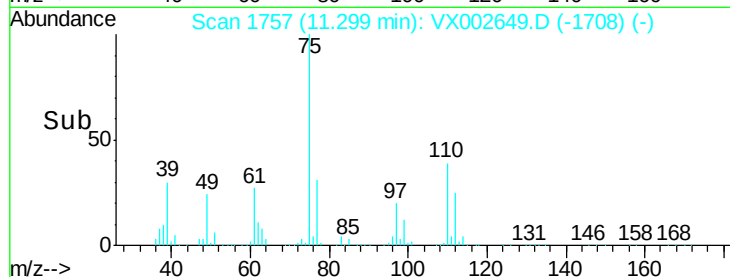
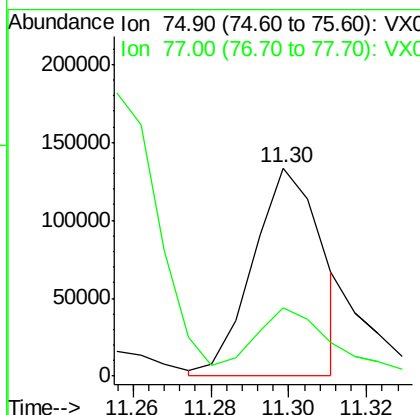
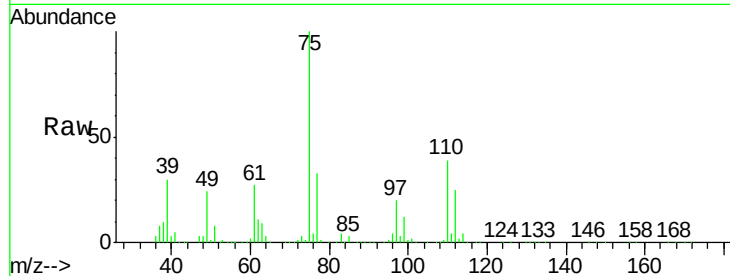
#76
 1,2,3-Trichloropropane
 Concen: 50.60 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Tot Ion: 75 Resp: 163986
 Ion Ratio Lower Upper
 75 100
 77 38.3 22.8 68.3

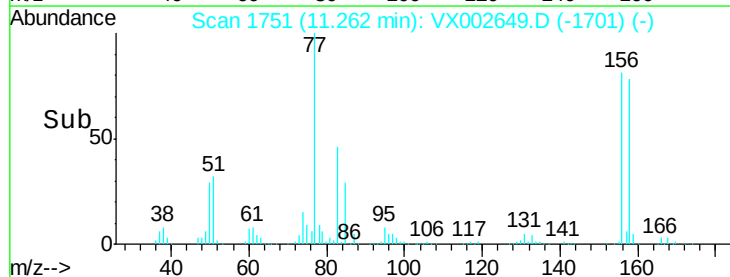
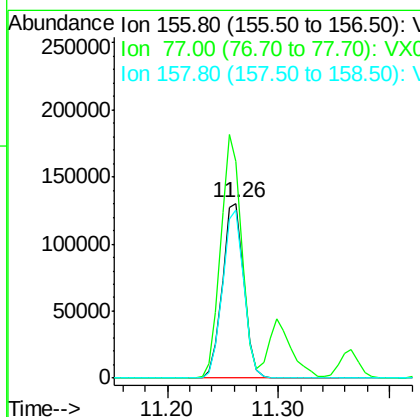
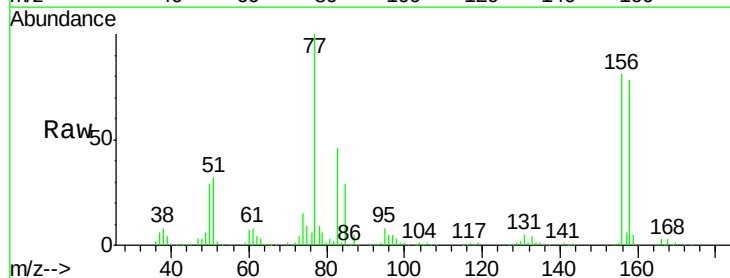
Manual Integrations
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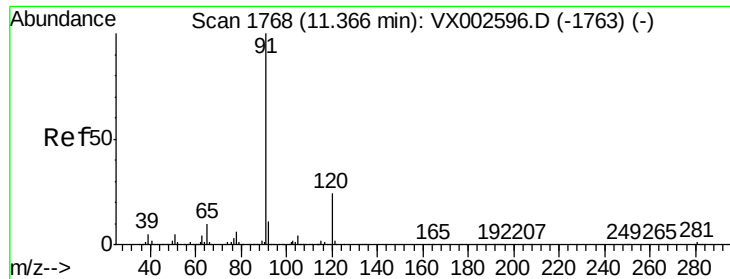
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#77
 Bromobenzene
 Concen: 53.85 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. 0.01 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Tgt Ion: 156 Resp: 172326
 Ion Ratio Lower Upper
 156 100
 77 136.2 71.4 214.2
 158 96.0 48.9 146.6





#78

n-propylbenzene

Concen: 46.12 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

ClientSampleId :

S36-0135MSD

Tot Ion: 91 Resp: 607559

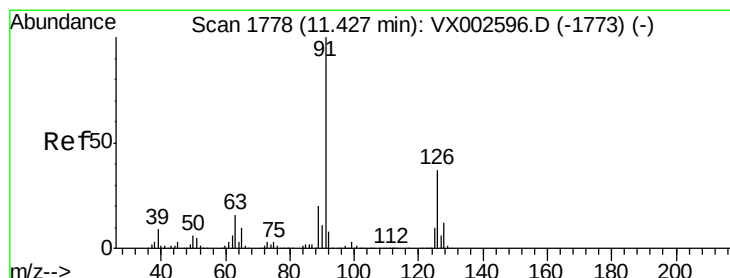
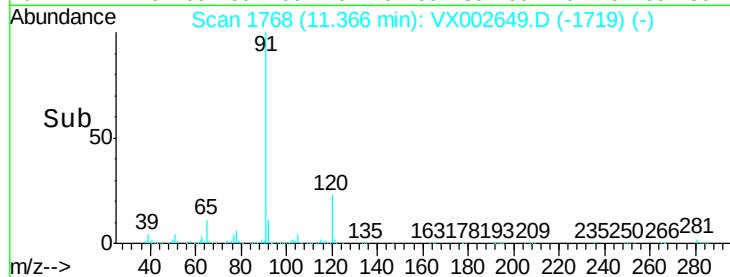
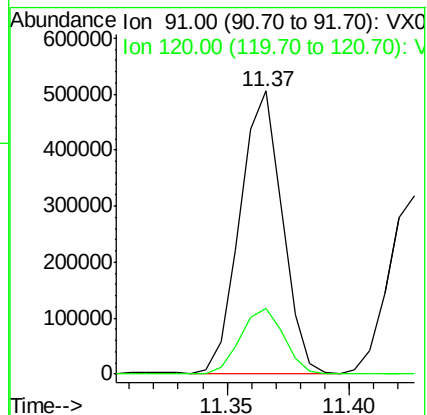
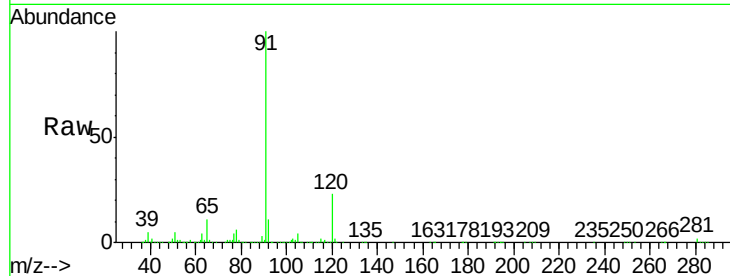
Ion Ratio Lower Upper

91 100

120 23.8 11.8 35.4

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#79

2-Chlorotoluene

Concen: 50.03 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002649.D

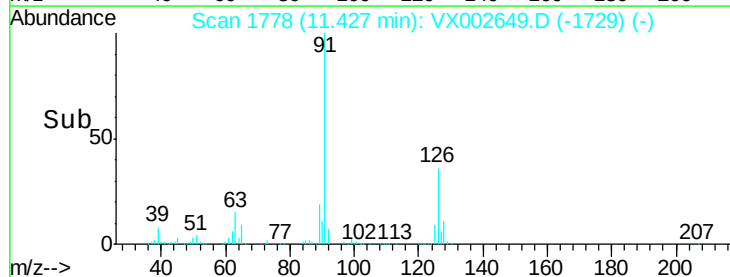
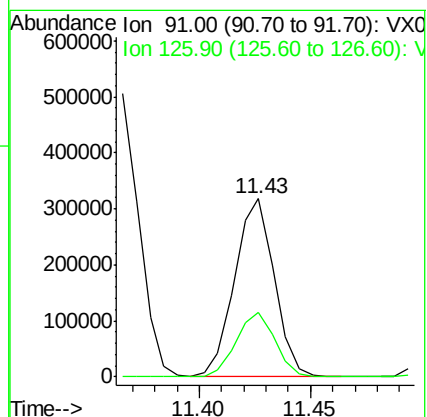
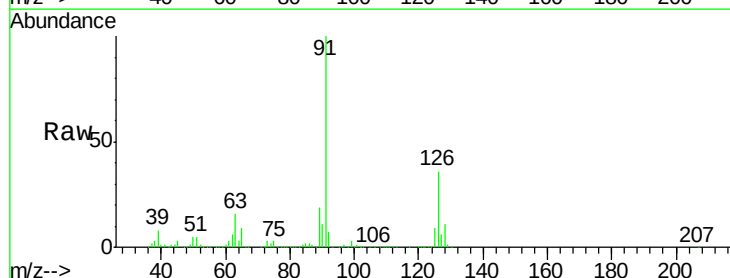
Acq: 16 Jun 2018 15:34

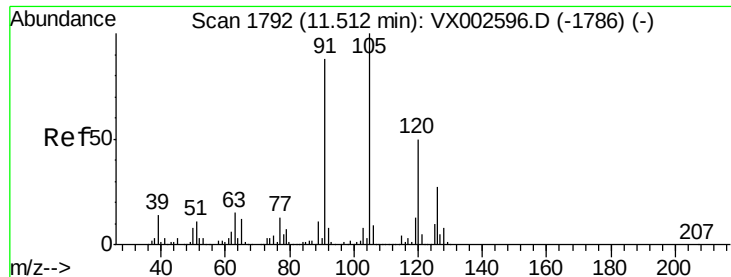
Tgt Ion: 91 Resp: 393473

Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1





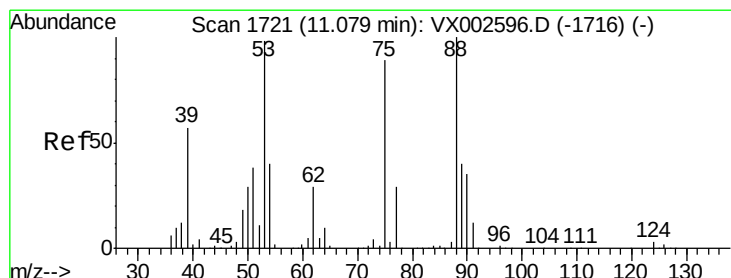
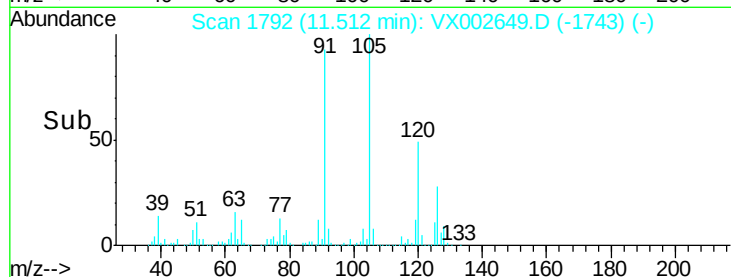
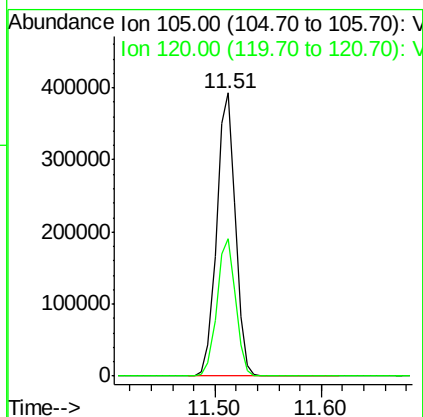
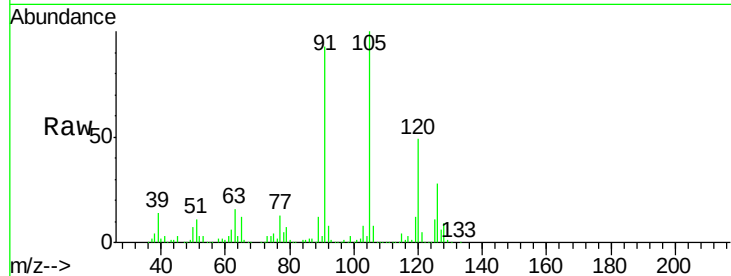
#80
 1,3,5-Trimethylbenzene
 Concen: 49.00 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0135MSD

Tot Ion:105 Resp: 475663
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.4 73.4

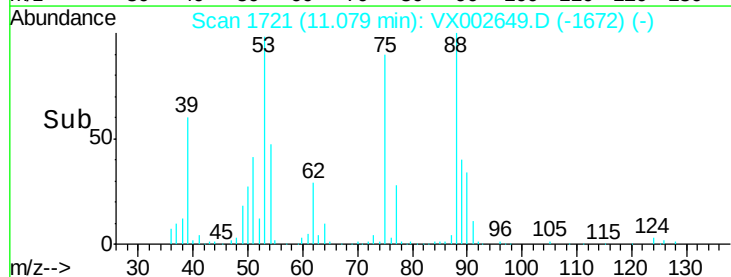
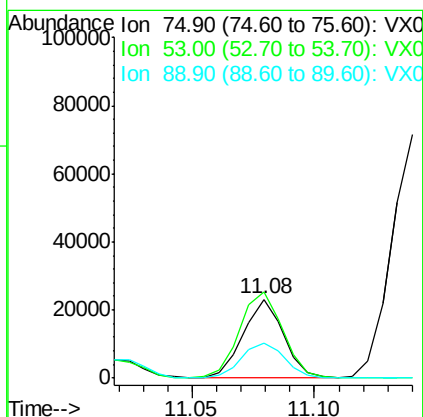
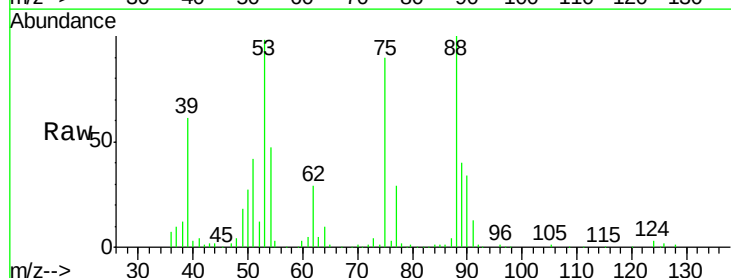
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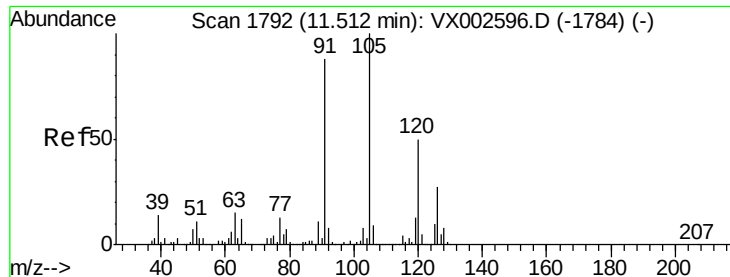
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 28.26 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Tgt Ion: 75 Resp: 26611
 Ion Ratio Lower Upper
 75 100
 53 117.5 86.8 130.2
 89 48.1 38.2 57.2





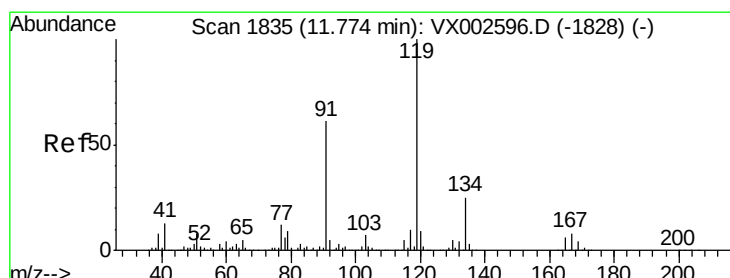
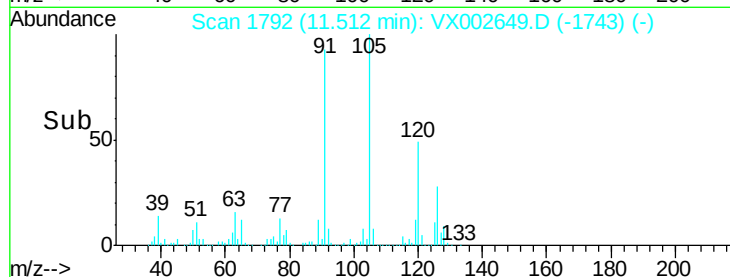
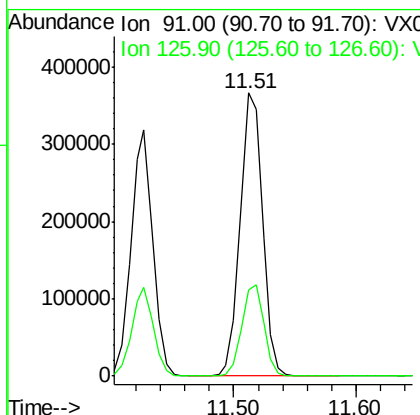
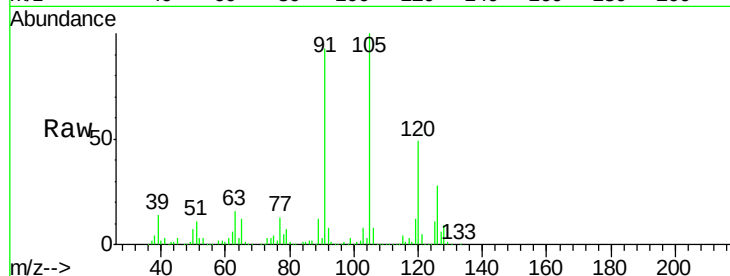
#82
4-Chlorotoluene
Concen: 49.78 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampled :
S36-0135MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	461954		
126	32.0	15.4	46.4	

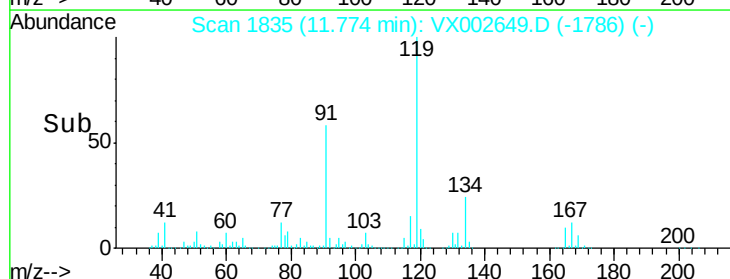
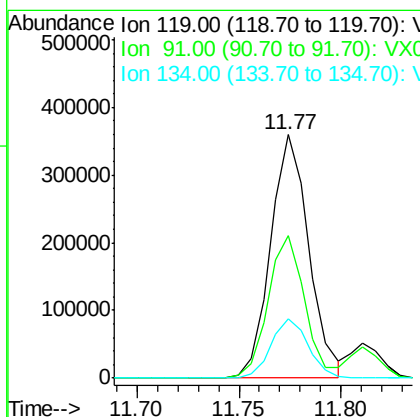
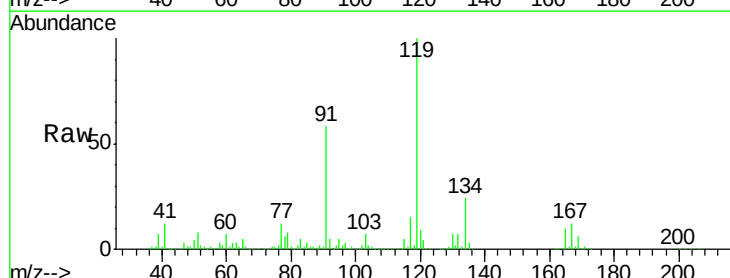
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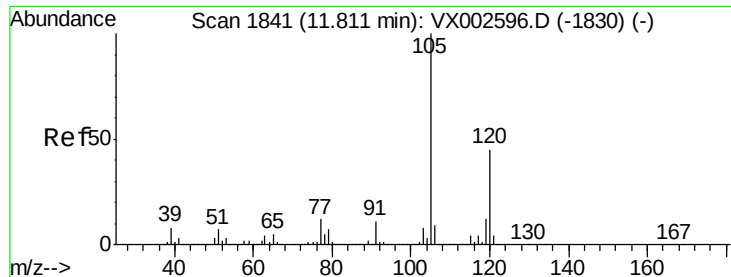
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#83
tert-Butylbenzene
Concen: 50.16 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	469125		
91	56.4	30.3	90.9	
134	23.8	11.7	35.1	





#84

1,2,4-Trimethylbenzene

Concen: 50.81 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

ClientSampleId :

S36-0135MSD

Tot Ion:105 Resp: 503277

Ion Ratio Lower Upper

105 100

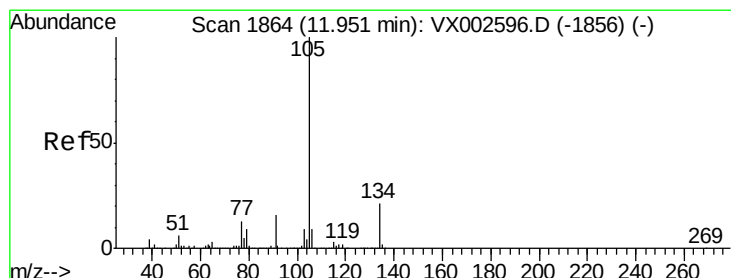
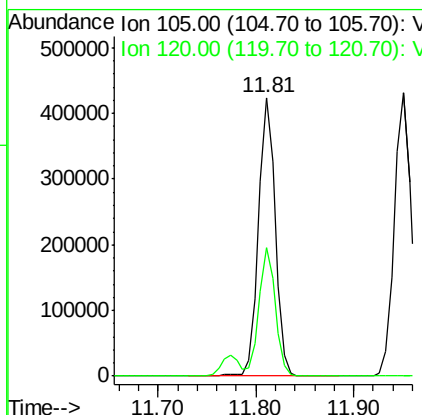
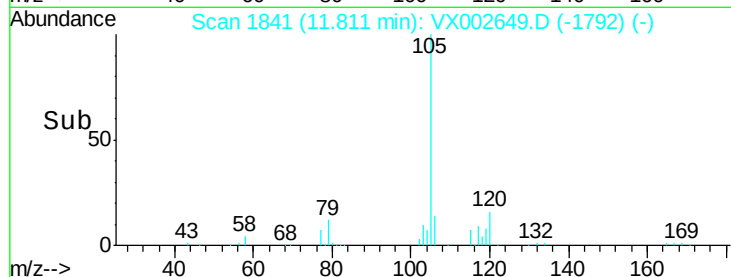
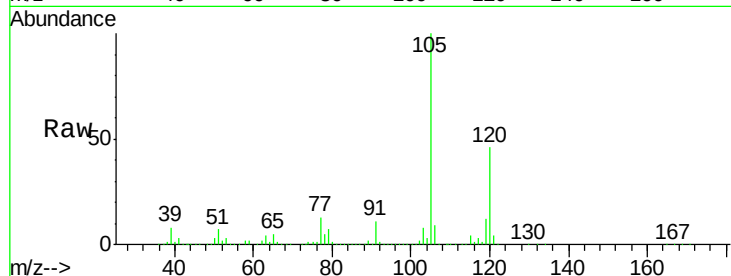
120 45.2 22.3 66.8

Manual Integrations

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#85

sec-Butylbenzene

Concen: 43.95 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002649.D

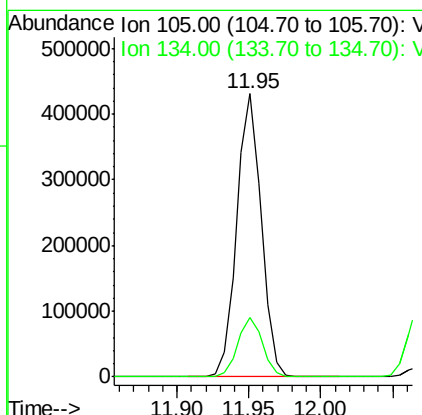
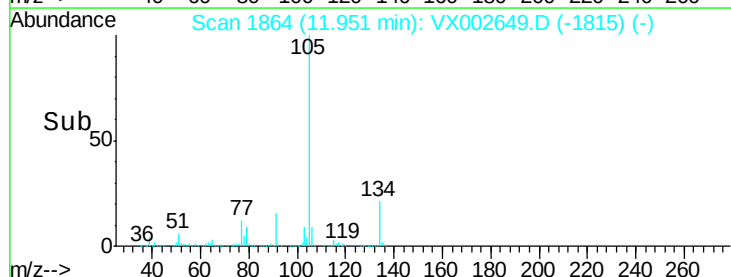
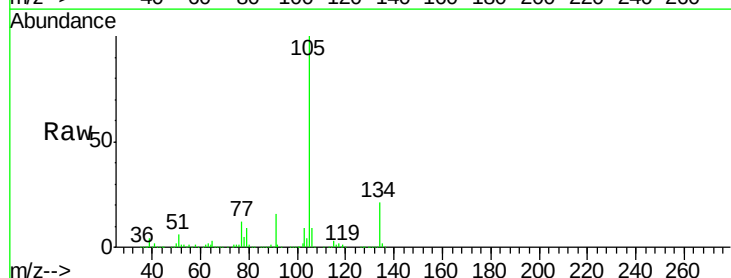
Acq: 16 Jun 2018 15:34

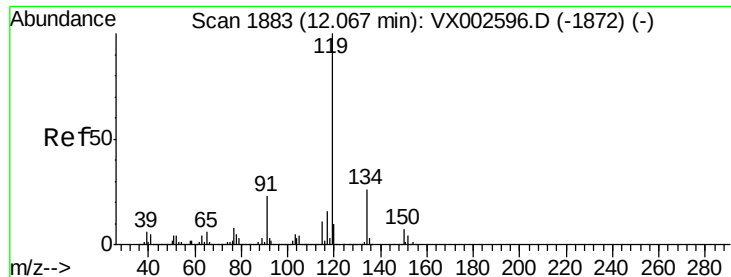
Tgt Ion:105 Resp: 511008

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.1





#86

p-Isopropyltoluene

Concen: 45.21 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

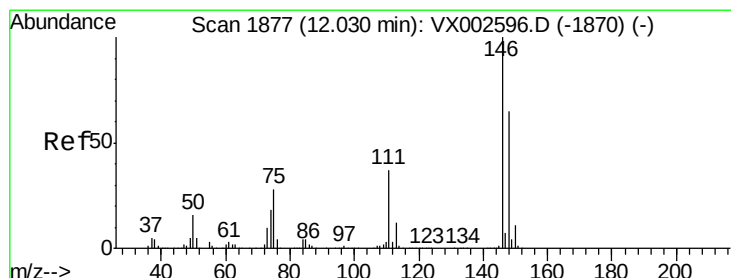
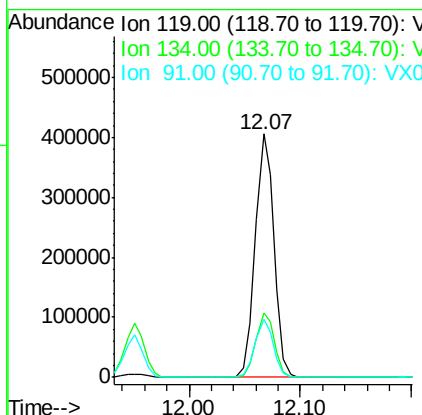
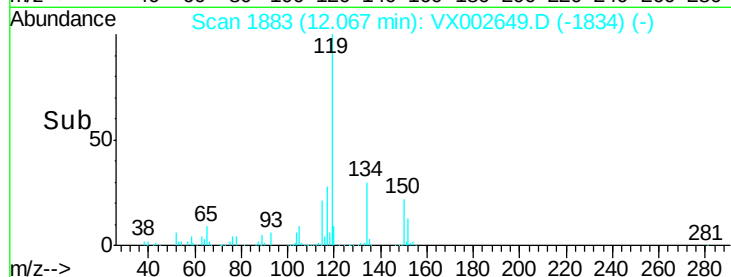
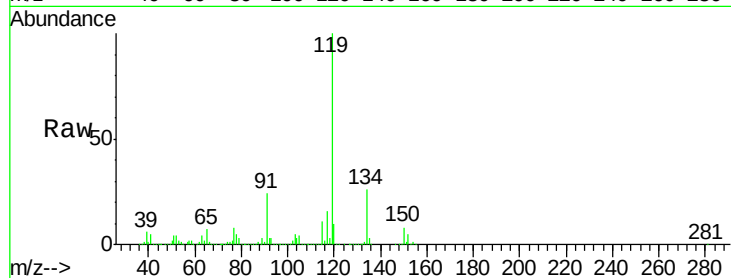
ClientSampleId :

S36-0135MSD

Tot Ion:	119	Resp:	475662
Ion Ratio	Lower	Upper	
119	100		
134	26.5	13.4	40.1
91	23.5	11.9	35.7

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 50.95 ug/l

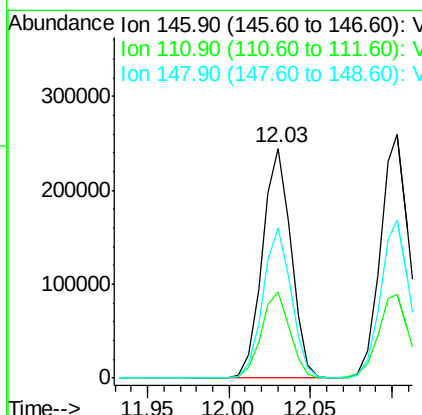
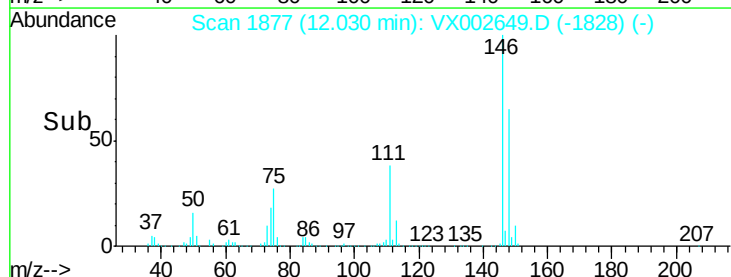
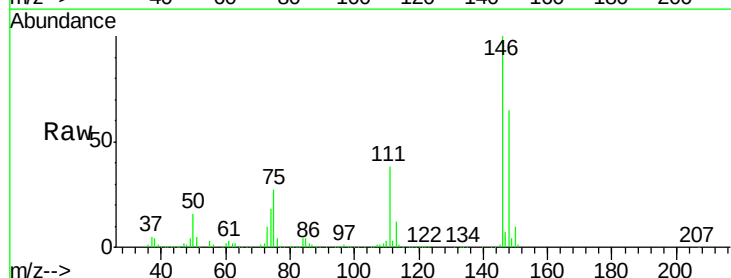
RT: 12.03 min Scan# 1877

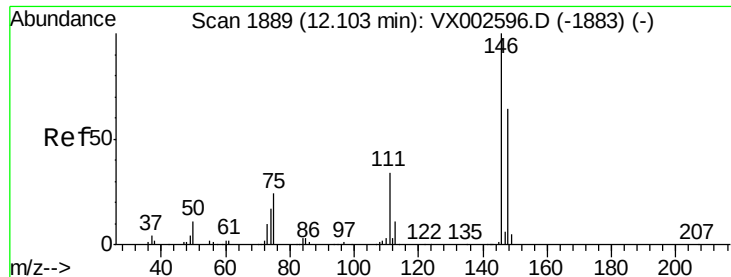
Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Tgt Ion:	146	Resp:	299027
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.9	56.7
148	64.6	32.1	96.3





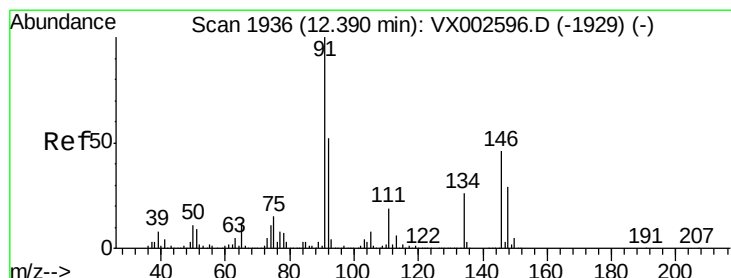
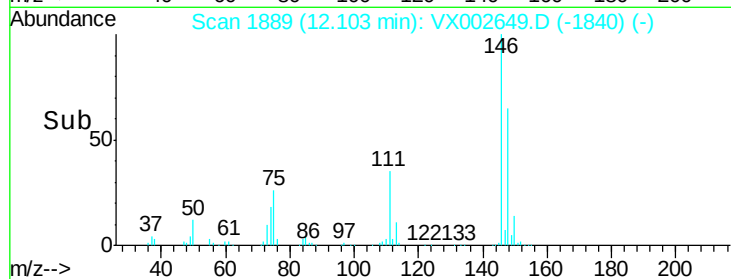
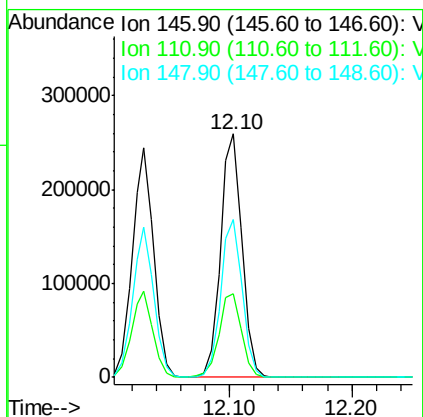
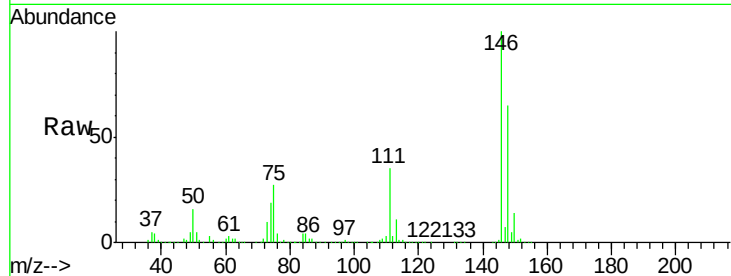
#88
 1,4-Dichlorobenzene
 Concen: 52.65 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.7	56.1
148	65.2	32.4	97.0

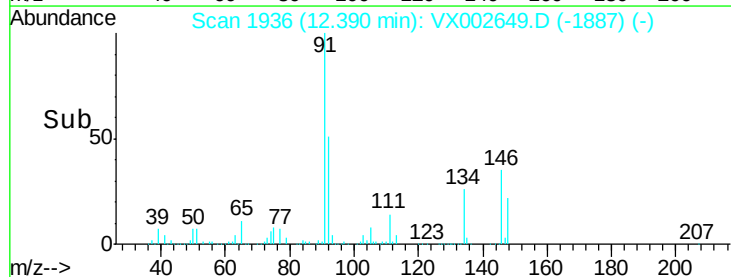
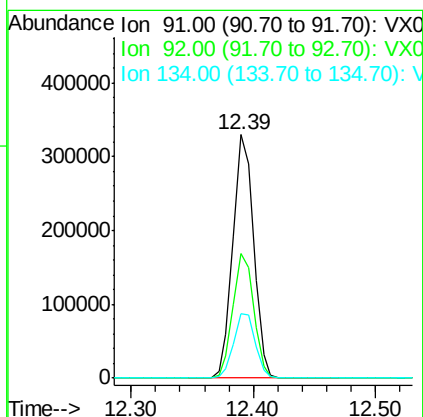
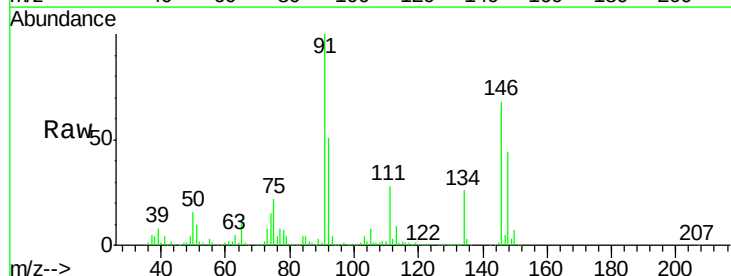
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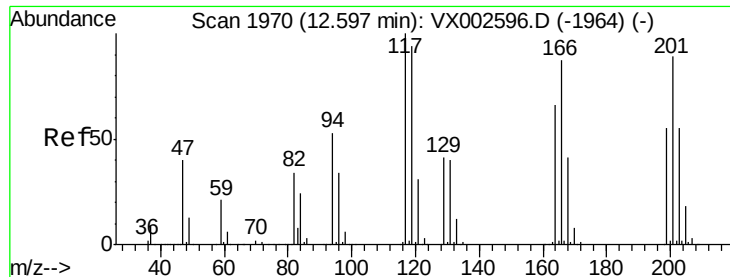
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#89
 n-Butylbenzene
 Concen: 41.53 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.0	78.0
134	27.5	13.5	40.5





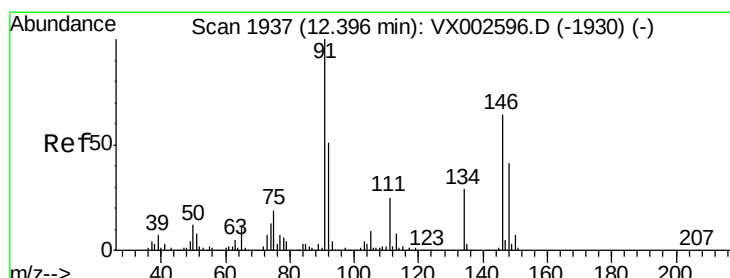
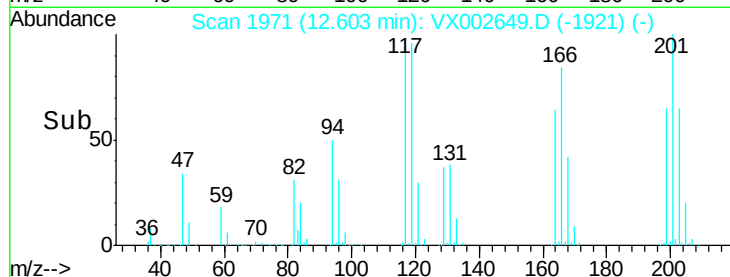
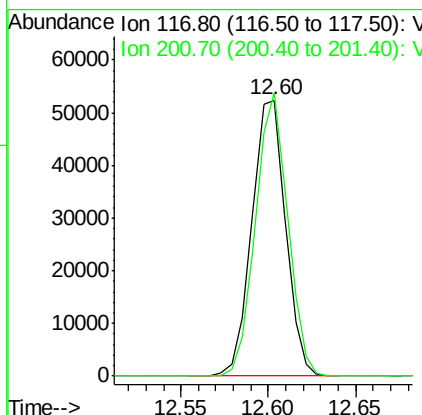
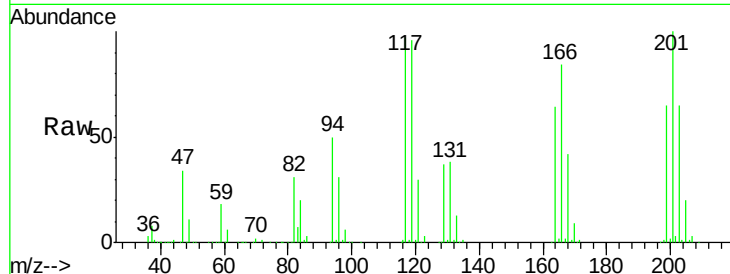
#90
Hexachloroethane
Concen: 43.24 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
S36-0135MSD

Tot Ion:117 Resp: 70308
Ion Ratio Lower Upper
117 100
201 97.8 49.0 147.0

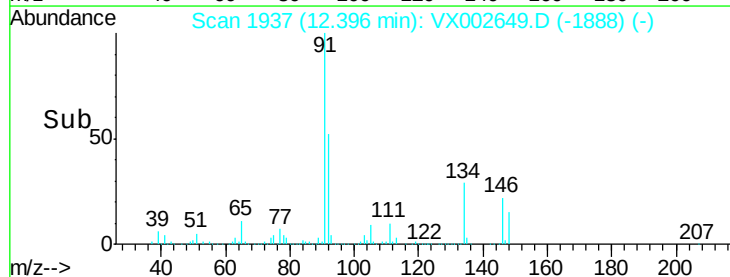
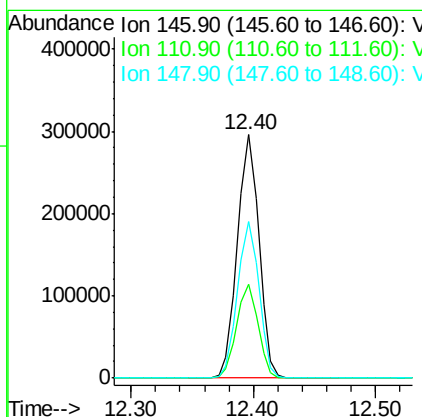
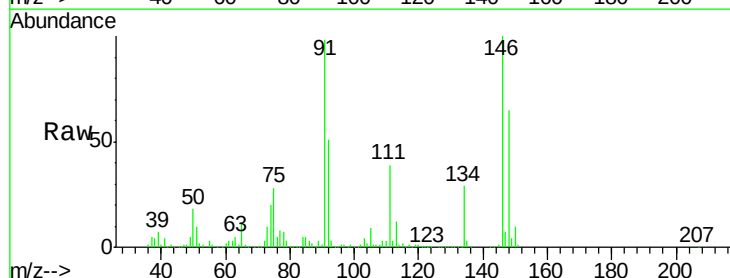
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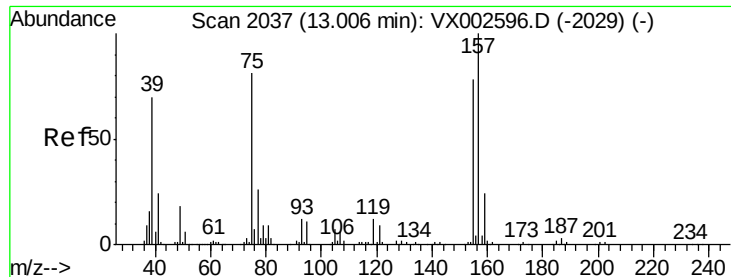
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#91
1,2-Dichlorobenzene
Concen: 60.82 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002649.D
Acq: 16 Jun 2018 15:34

Tgt Ion:146 Resp: 359227
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.1
148 64.4 31.7 95.1





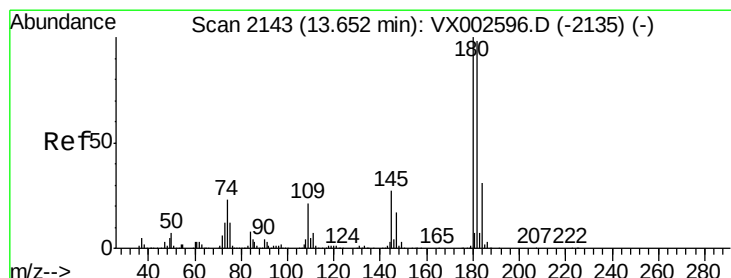
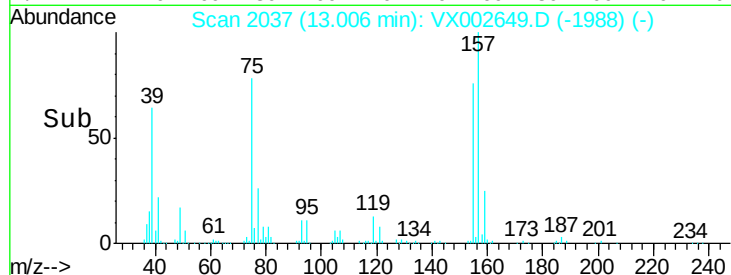
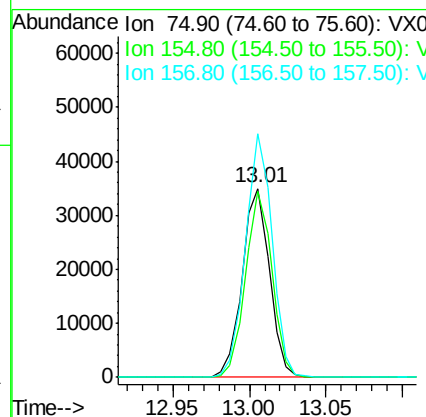
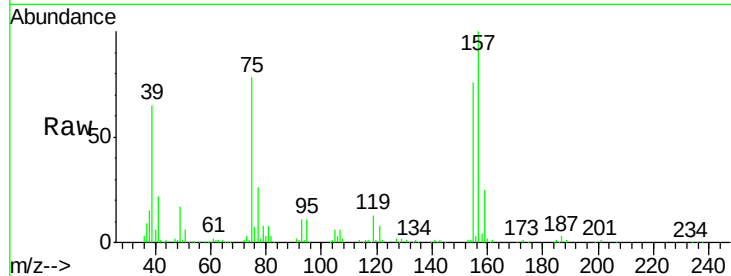
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.84 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	95.8	45.8	137.4
157	126.1	60.1	180.3

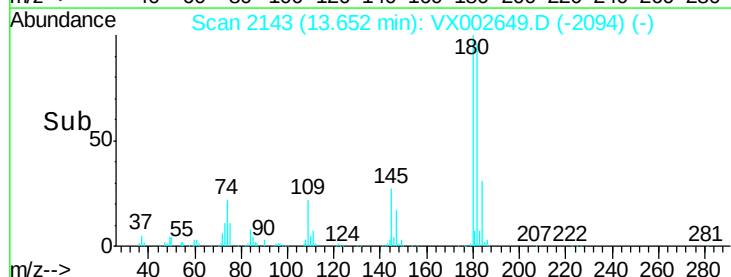
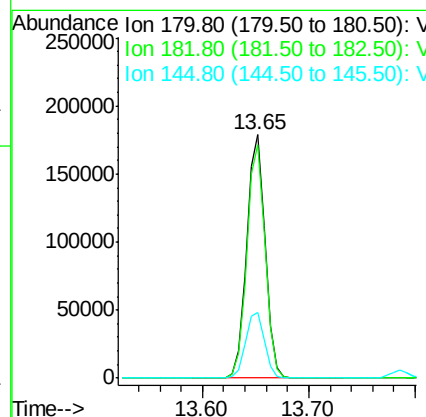
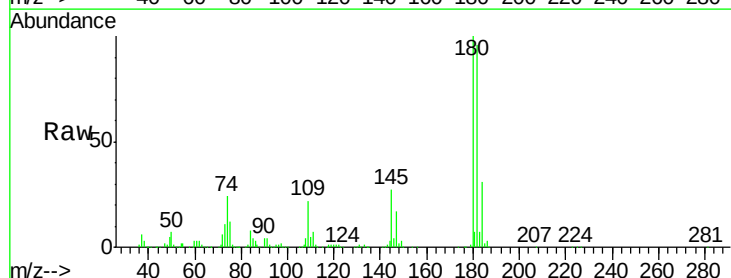
Manual Integrations
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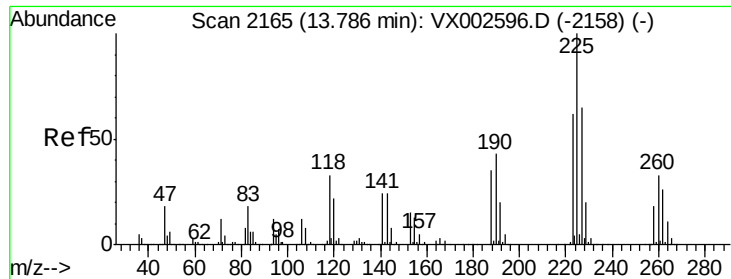
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.51 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	27.9	14.1	42.4





#94

Hexachlorobutadiene

Concen: 36.87 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002649.D

Acq: 16 Jun 2018 15:34

Instrument :

MSVOA_X

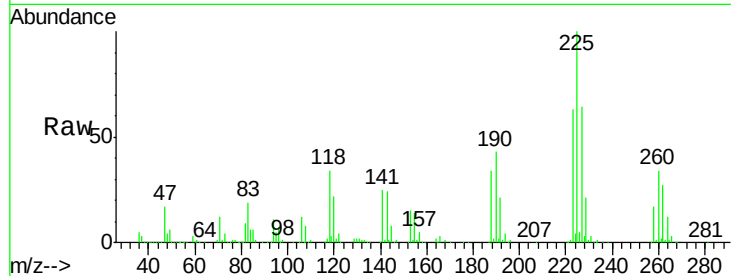
ClientSampleId :

S36-0135MSD

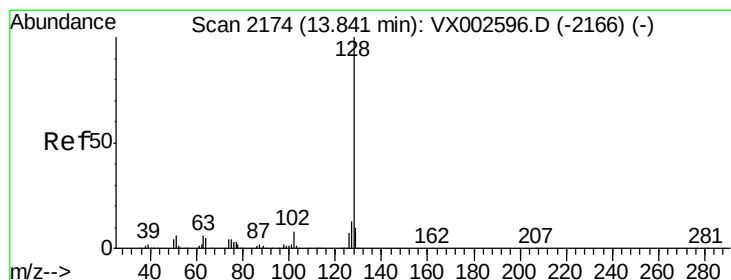
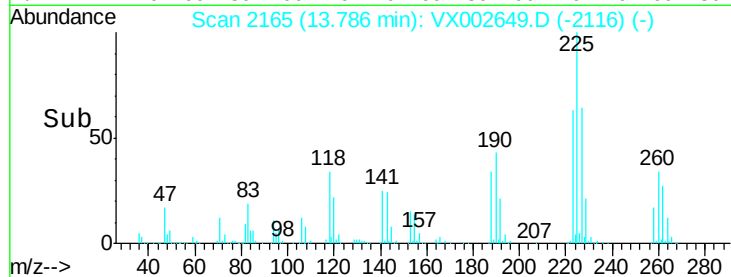
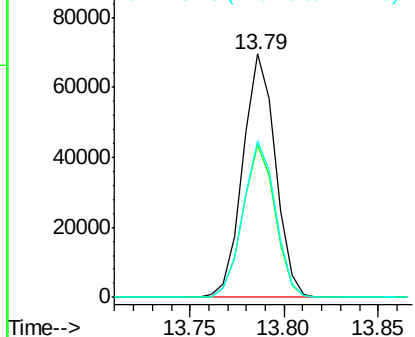
Tot Ion:	225	Resp:	83260
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.6	95.0
227	64.4	32.4	97.2

Manual Integrations
APPROVED

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6/18/2018 5:12:12 PM



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



#95

Naphthalene

Concen: 58.23 ug/l

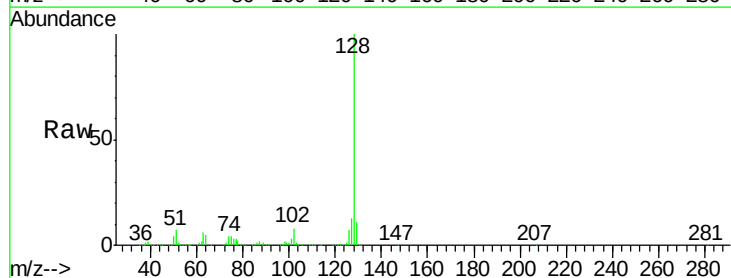
RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

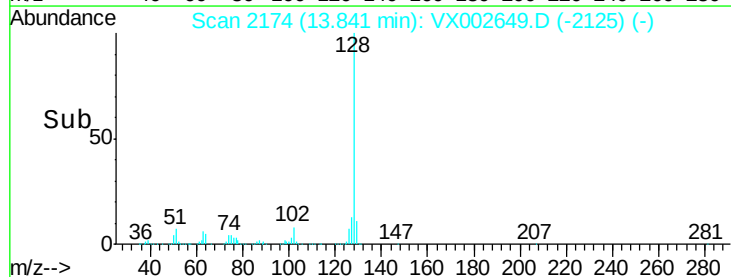
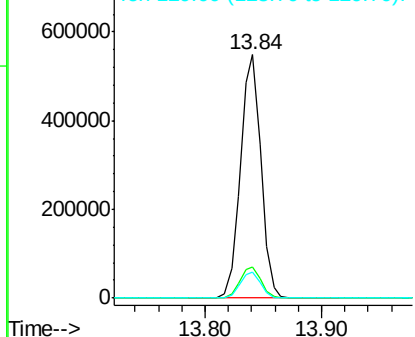
Lab File: VX002649.D

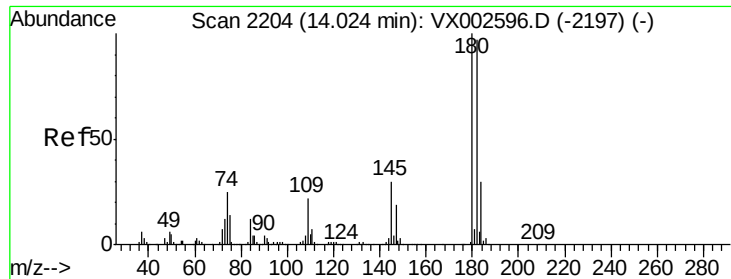
Acq: 16 Jun 2018 15:34

Tgt Ion:	128	Resp:	671769
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 53.45 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX002649.D
 Acq: 16 Jun 2018 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	48.0	144.0
145	28.9	14.8	44.3

Manual Integrations
 APPROVED

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

