

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006037.D
 Acq On : 16 Nov 2018 08:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 12:23:04 PM

Quant Time: Nov 17 01:09:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	134462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	186653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	74424	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	5.49	113	63557	50.06	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	8.71	98	214332	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	92867	61.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54111	44.634	ug/l	94
3) Chloromethane	1.33	50	68289	42.921	ug/l	93
4) Vinyl Chloride	1.41	62	71432	44.722	ug/l	96
5) Bromomethane	1.64	94	48590	49.711	ug/l	100
6) Chloroethane	1.72	64	44120	46.295	ug/l	96
7) Trichlorofluoromethane	1.93	101	96869	45.690	ug/l	99
8) Diethyl Ether	2.19	74	41882	50.414	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60782	49.847	ug/l	98
10) Methyl Iodide	2.51	142	77473	52.423	ug/l	97
11) Tert butyl alcohol	3.06	59	91440	206.494	ug/l	99
12) 1,1-Dichloroethene	2.38	96	54261	45.655	ug/l	95
13) Acrolein	2.29	56	49008	233.480	ug/l	100
14) Allyl chloride	2.73	41	125791	47.390	ug/l	98
15) Acrylonitrile	3.15	53	225314	245.521	ug/l	97
16) Acetone	2.44	43	187681	225.495	ug/l	99
17) Carbon Disulfide	2.57	76	149013	42.034	ug/l	98
18) Methyl Acetate	2.78	43	110611	49.578	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	214552	52.892	ug/l	93
20) Methylene Chloride	2.86	84	65850	48.164	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	61470	49.036	ug/l	98
22) Diisopropyl ether	3.87	45	242926	52.243	ug/l #	96
23) Vinyl Acetate	3.82	43	1001602	251.223	ug/l	100
24) 1,1-Dichloroethane	3.70	63	119466	48.156	ug/l	99
25) 2-Butanone	4.70	43	309252	236.338	ug/l	98
26) 2,2-Dichloropropane	4.59	77	95904	52.700	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	69256	50.034	ug/l	97
28) Bromochloromethane	5.01	49	60180	54.279	ug/l	97
29) Tetrahydrofuran	5.15	42	192807	229.487	ug/l	97
30) Chloroform	5.21	83	119867	50.082	ug/l	89
31) Cyclohexane	5.57	56	103798	48.200	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	95812	47.993	ug/l	99
36) 1,1-Dichloropropene	5.80	75	86119	47.860	ug/l	99
37) Ethyl Acetate	4.85	43	115240	48.702	ug/l	99
38) Carbon Tetrachloride	5.77	117	86194	47.849	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92195	50.553	ug/l	96
40) Benzene	6.14	78	254374	48.493	ug/l	100
41) Methacrylonitrile	5.05	41	61925	48.433	ug/l	98
42) 1,2-Dichloroethane	6.20	62	87369	46.501	ug/l	98
43) Isopropyl Acetate	6.46	43	162255	47.323	ug/l	96
44) Trichloroethene	7.21	130	65865	49.443	ug/l	92
45) 1,2-Dichloropropane	7.51	63	69205	54.355	ug/l	92
46) Dibromomethane	7.66	93	42172	52.785	ug/l	99
47) Bromodichloromethane	7.90	83	79003	52.323	ug/l #	98
48) Methyl methacrylate	7.77	41	81059	52.651	ug/l	97
49) 1,4-Dioxane	7.75	88	30434	917.379	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	529478	245.028	ug/l	98
52) Toluene	8.79	92	144547	49.305	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	90551	50.819	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	104827	57.720	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	61386	46.982	ug/l	99
56) Ethyl methacrylate	9.18	69	97362	49.802	ug/l	98
57) 1,3-Dichloropropane	9.37	76	114227	52.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	277983	260.586	ug/l	100
59) 2-Hexanone	9.49	43	485737	255.016	ug/l	100
60) Dibromochloromethane	9.59	129	73310	51.916	ug/l	100
61) 1,2-Dibromoethane	9.67	107	74930	51.862	ug/l	100
64) Tetrachloroethene	9.34	164	66611	46.011	ug/l	95
65) Chlorobenzene	10.14	112	195425	57.370	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	67367	56.885	ug/l	97
67) Ethyl Benzene	10.25	91	306302	56.076	ug/l	97
68) m/p-Xylenes	10.36	106	225880	108.412	ug/l	91
69) o-Xylene	10.70	106	110689	59.246	ug/l	97
70) Styrene	10.71	104	184540	59.877	ug/l	99
71) Bromoform	10.86	173	56022	56.431	ug/l #	100
73) Isopropylbenzene	11.02	105	328494	49.326	ug/l	100
74) N-amyl acetate	10.90	43	160729	43.189	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	118106	48.317	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	113860m	48.556	ug/l	
77) Bromobenzene	11.26	156	85663	45.636	ug/l	99
78) n-propylbenzene	11.36	91	404103	51.487	ug/l	99
79) 2-Chlorotoluene	11.42	91	222142	46.826	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	274938	48.582	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	34466	46.845	ug/l	93
82) 4-Chlorotoluene	11.51	91	283050	50.627	ug/l	100
83) tert-Butylbenzene	11.77	119	307383	53.688	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	324052	51.890	ug/l	100
85) sec-Butylbenzene	11.94	105	391398	55.904	ug/l	99
86) p-Isopropyltoluene	12.07	119	354790	57.210	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	189656	52.647	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	184603	50.058	ug/l	98
89) n-Butylbenzene	12.39	91	320797	55.813	ug/l	99
90) Hexachloroethane	12.60	117	52877	51.070	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	189097	52.399	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29542	49.526	ug/l	92

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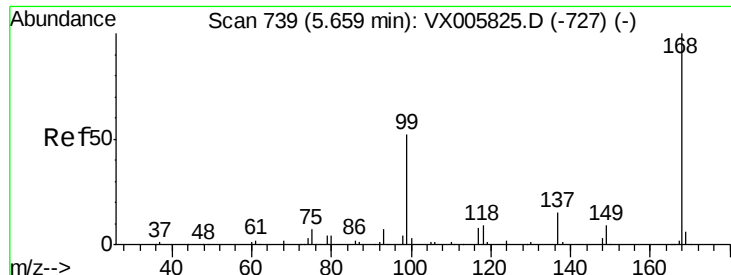
Manual Integrations
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11/19/2018 12:23:04 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	145462	57.257	ug/l	99
94) Hexachlorobutadiene	13.79	225	75323	56.443	ug/l	99
95) Naphthalene	13.83	128	430694	51.937	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	144501	55.831	ug/l	99

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



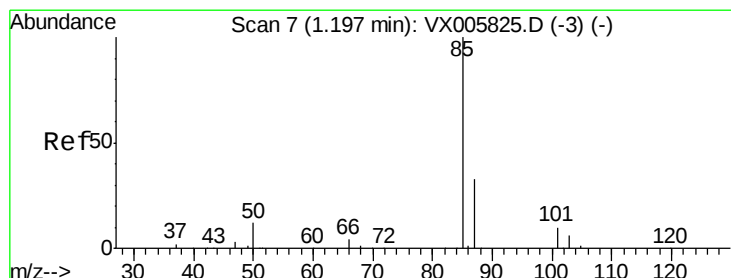
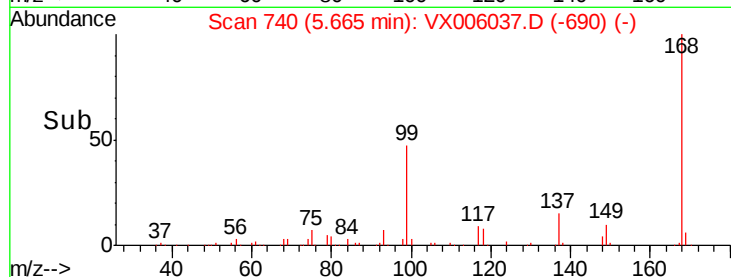
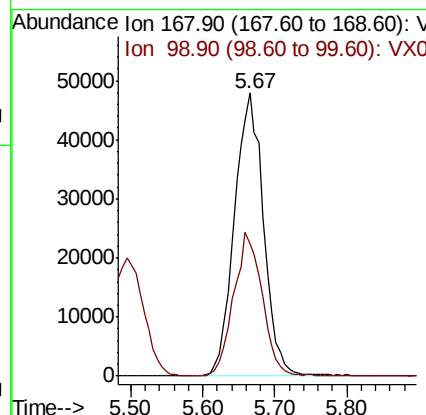
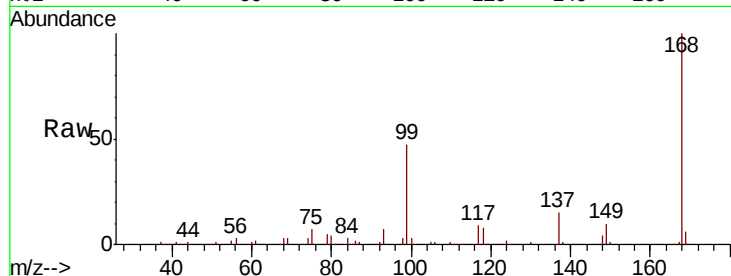
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.4	40.7	61.1

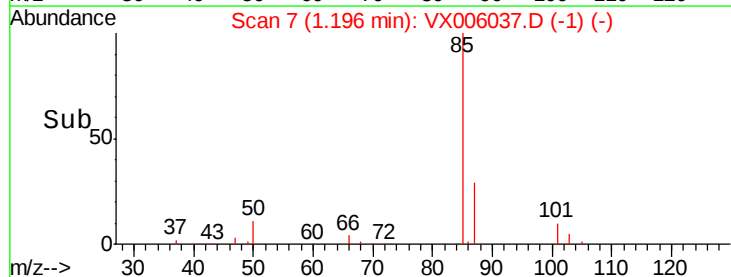
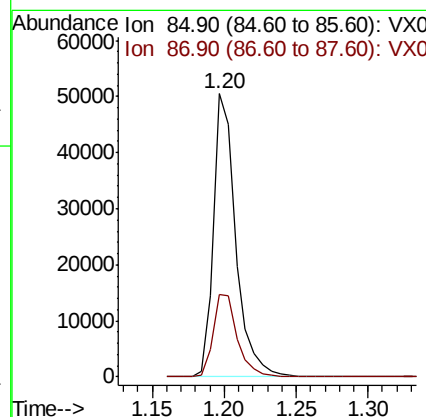
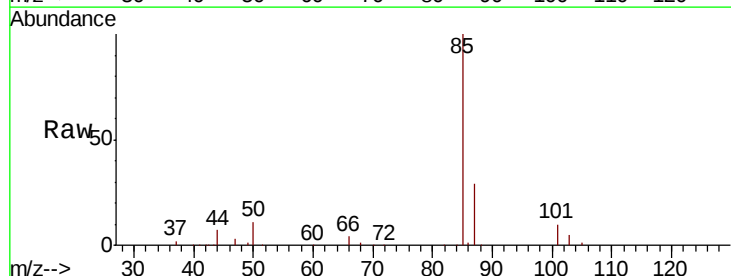
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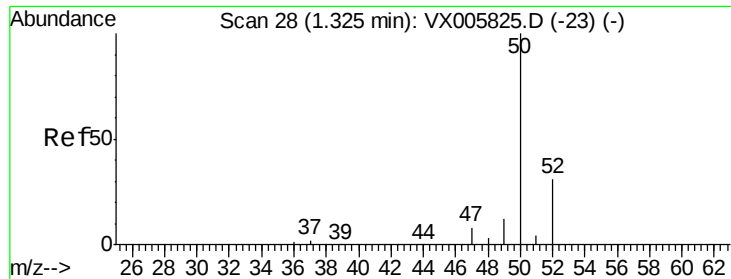
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#2
Dichlorodifluoromethane
Concen: 44.634 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.3	16.3	48.9





#3

Chloromethane

Concen: 42.921 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 68289

Ion Ratio Lower Upper

50 100

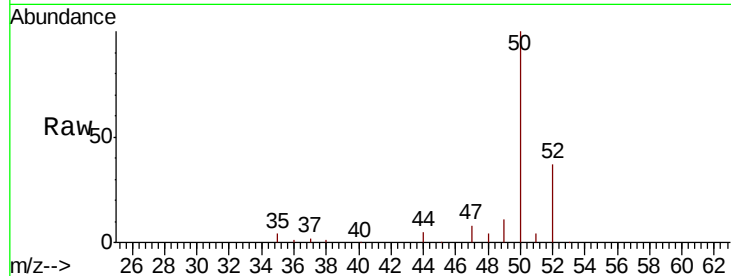
52 36.7 26.2 39.2

Manual Integrations

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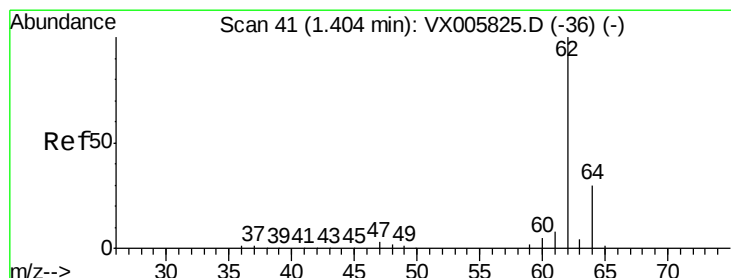
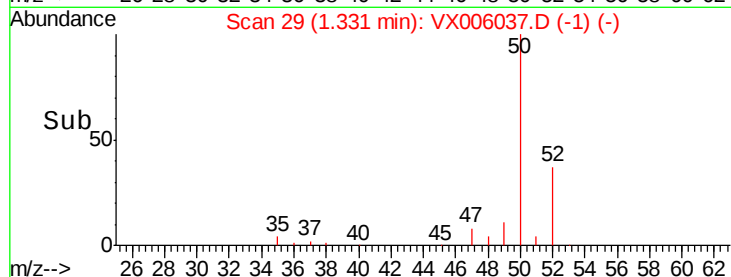
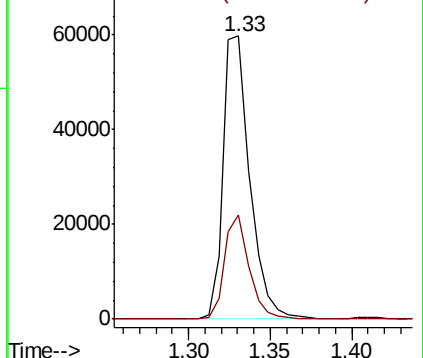
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.722 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX006037.D

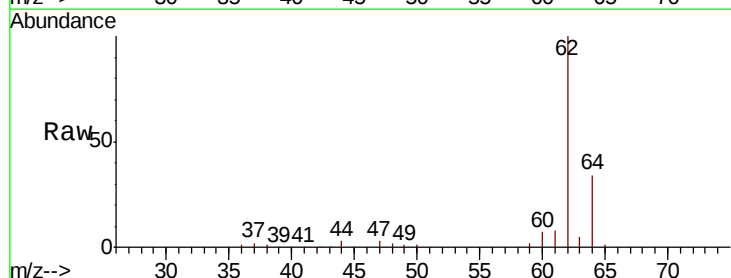
Acq: 16 Nov 2018 08:51

Tgt Ion: 62 Resp: 71432

Ion Ratio Lower Upper

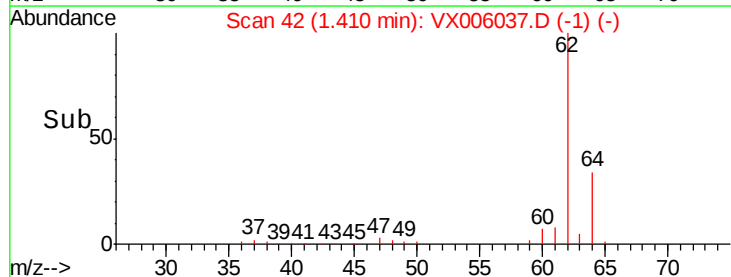
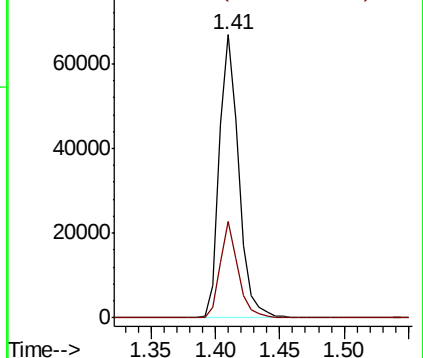
62 100

64 33.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.711 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 48590

Ion Ratio Lower Upper

94 100

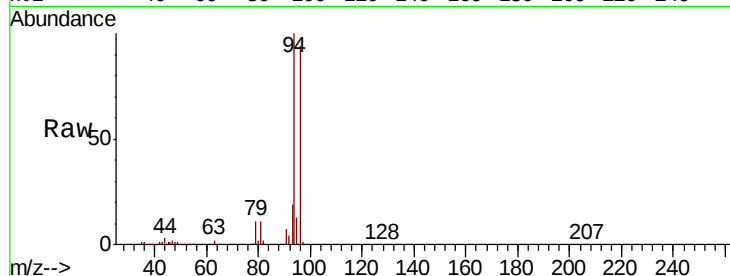
96 93.9 75.2 112.8

Manual Integrations

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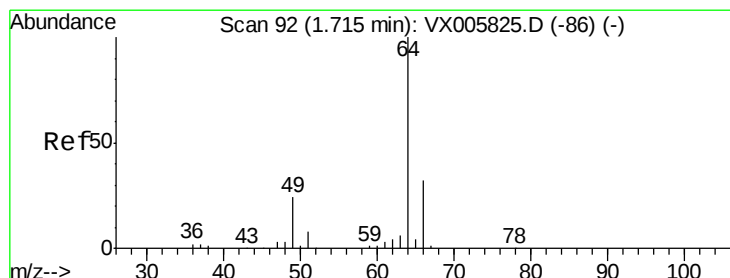
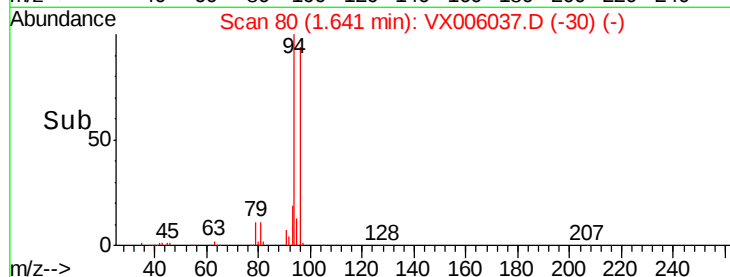
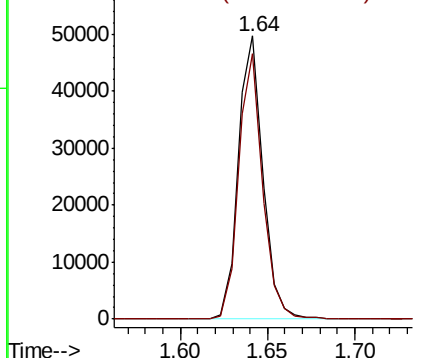
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.295 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006037.D

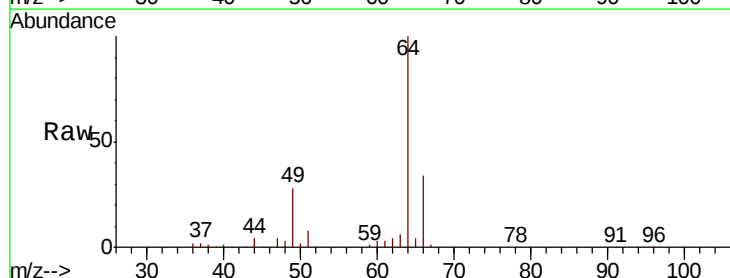
Acq: 16 Nov 2018 08:51

Tgt Ion: 64 Resp: 44120

Ion Ratio Lower Upper

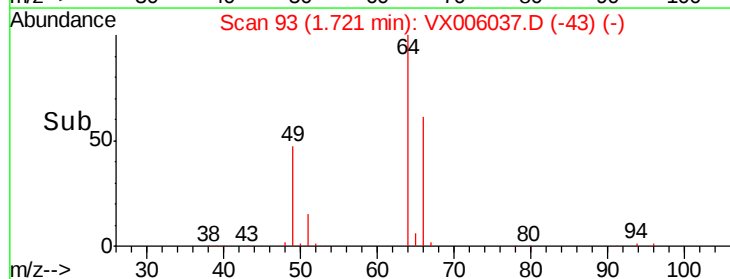
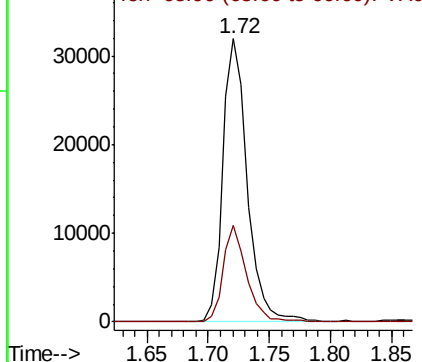
64 100

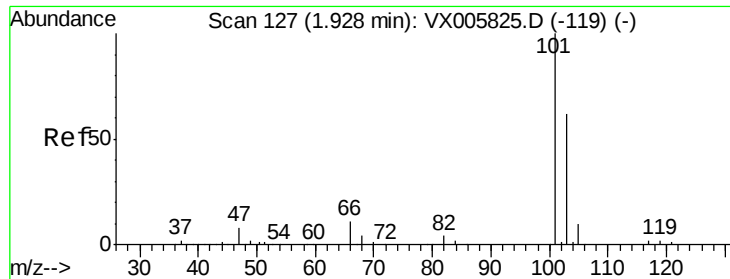
66 34.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

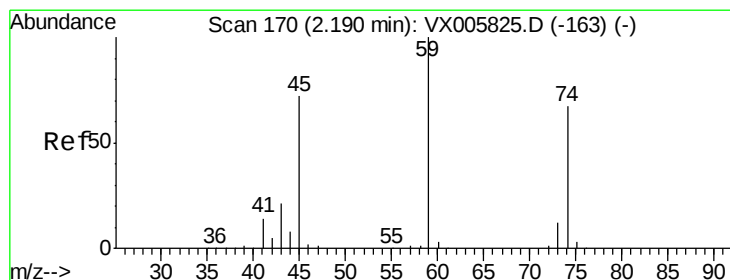
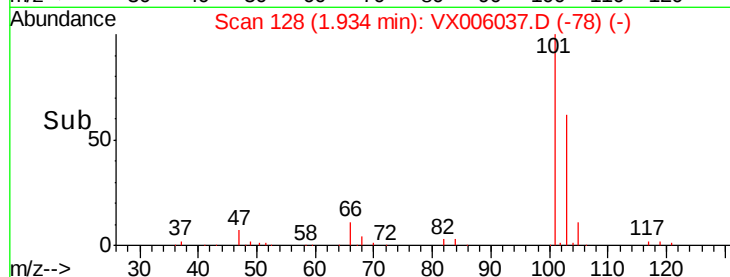
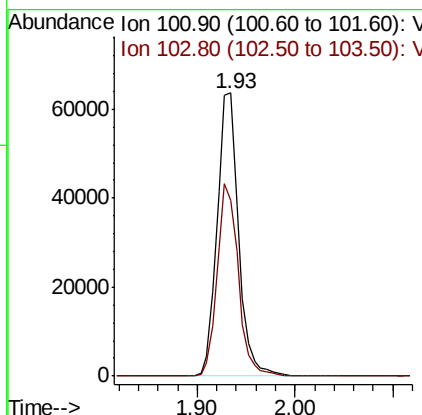
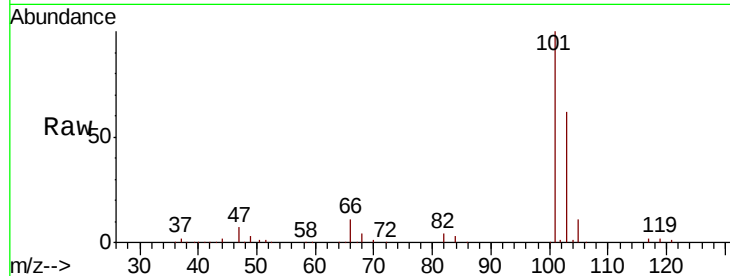
Trichlorofluoromethane
Concen: 45.690 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 96869
Ion Ratio Lower Upper
101 100
103 62.0 50.0 75.0

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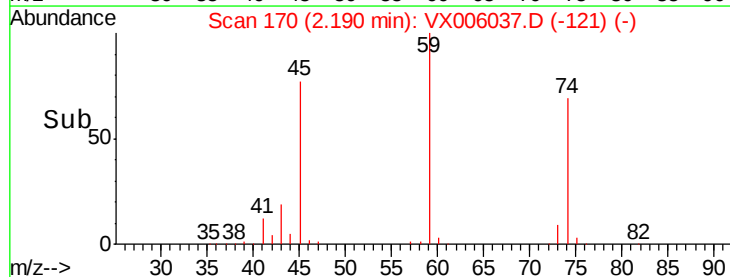
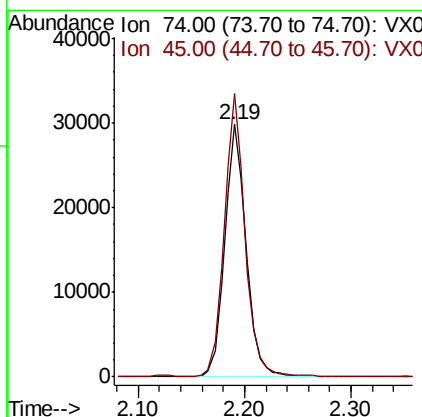
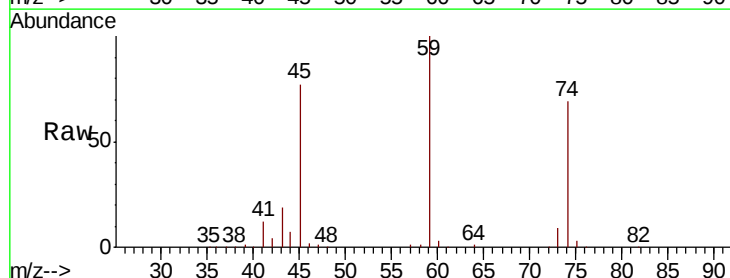
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11/19/2018 12:23:04 PM

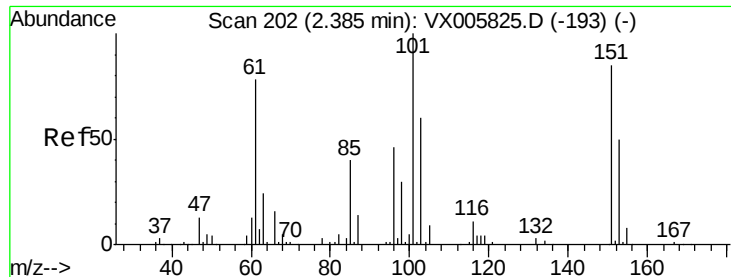


#8

Diethyl Ether
Concen: 50.414 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion: 74 Resp: 41882
Ion Ratio Lower Upper
74 100
45 109.2 54.1 162.3





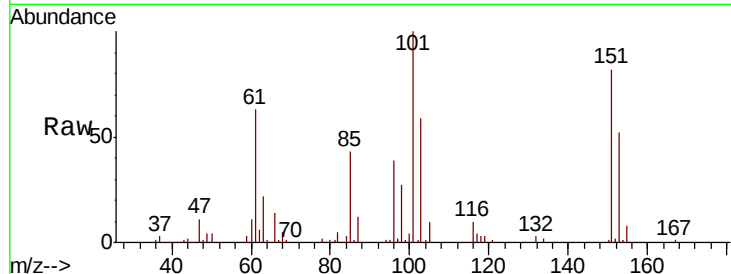
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.847 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.0	52.4
151	84.1	66.2	99.2

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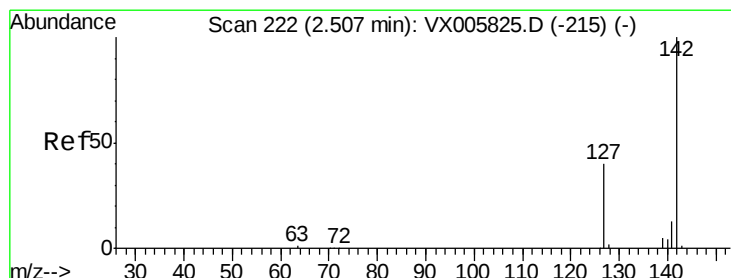
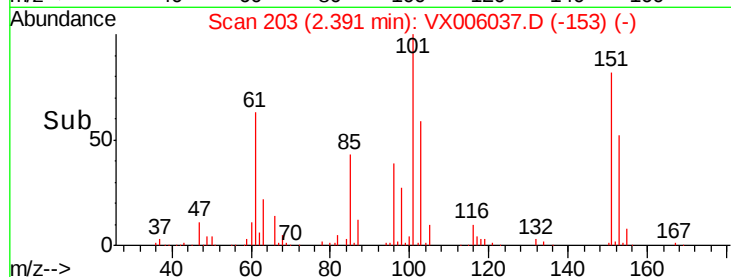
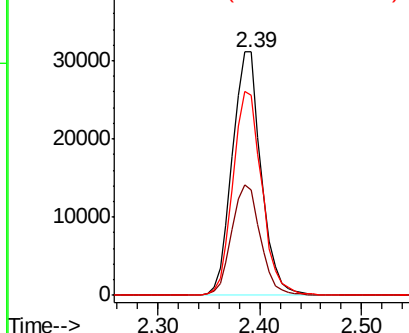


Abundance

Ion 100.90 (100.60 to 101.60): V

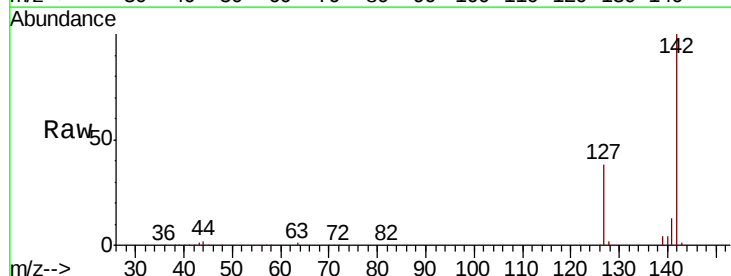
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10
Methyl Iodide
Concen: 52.423 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.5	36.0	54.0
141	13.8	11.7	17.5

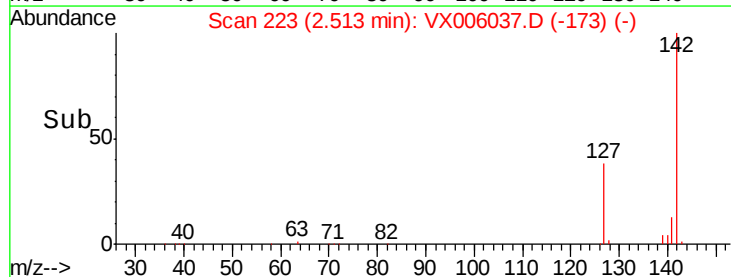
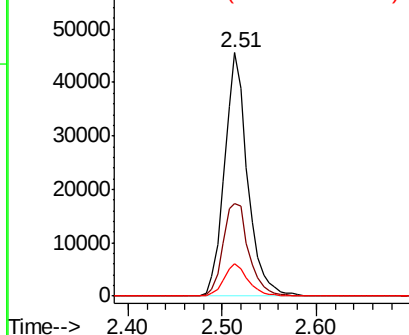


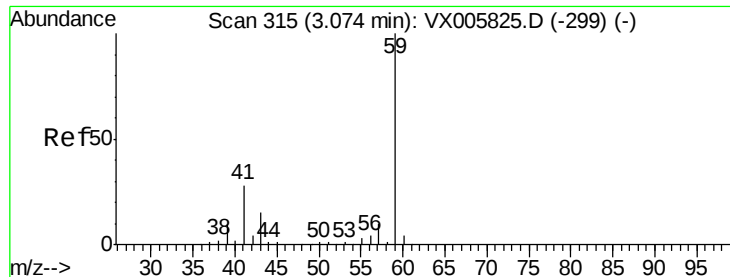
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

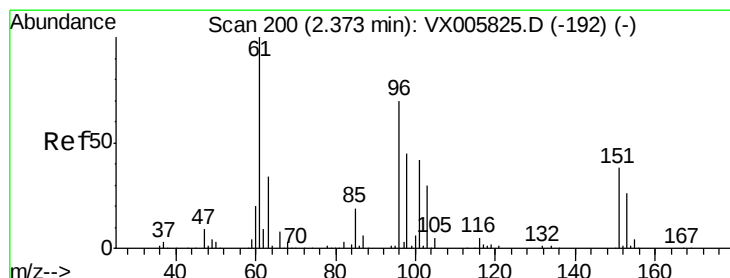
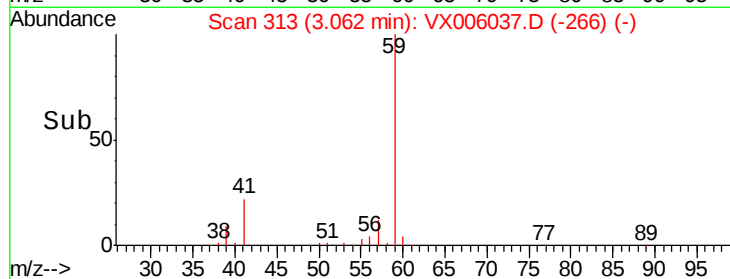
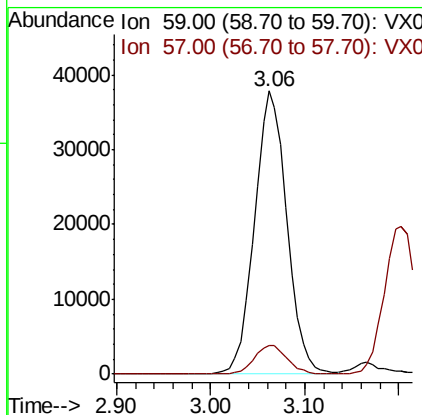
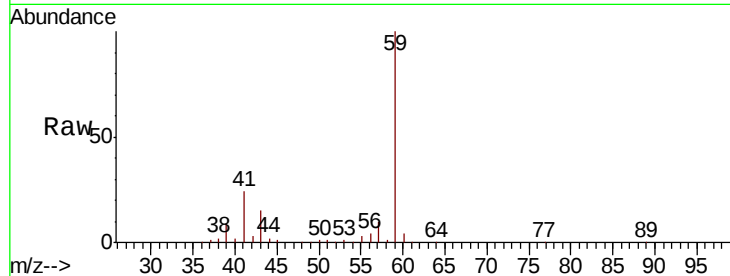
Tert butyl alcohol
Concen: 206.494 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

Manual Integrations
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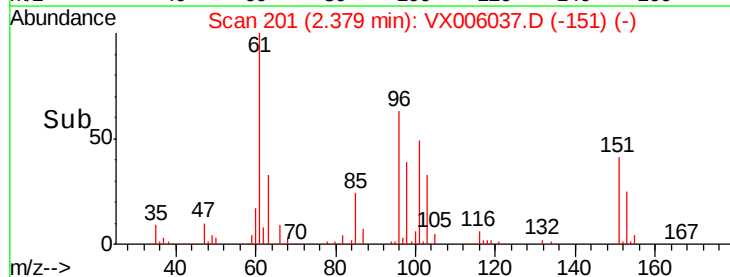
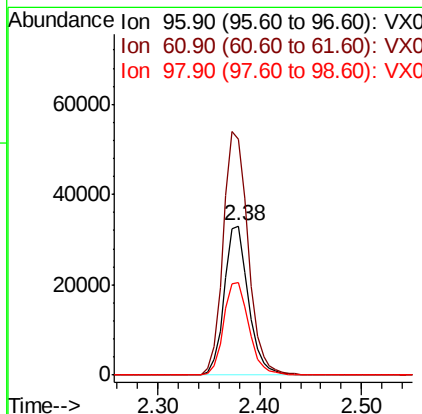
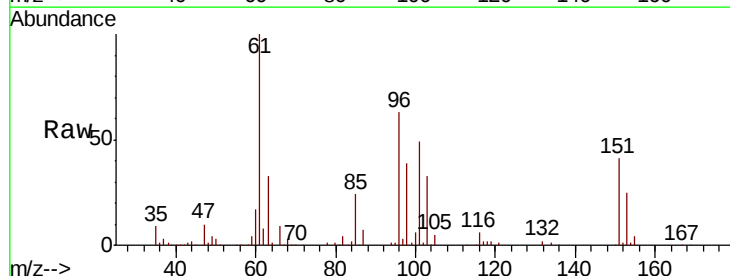
MMDadoda
11/19/2018 12:23:04 PM

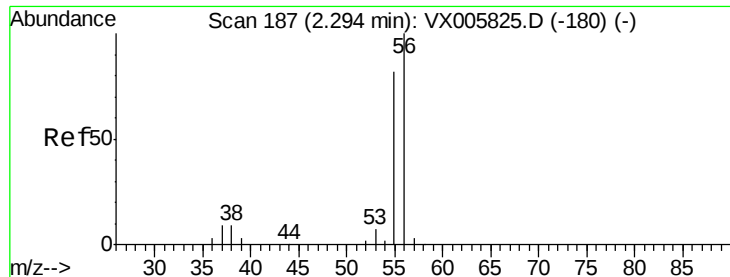


#12

1,1-Dichloroethene
Concen: 45.655 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	131.8	197.8
98	62.3	53.4	80.2





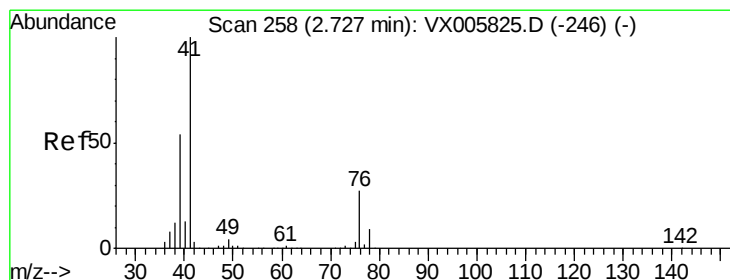
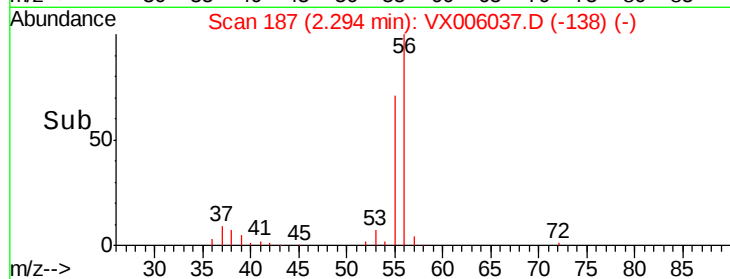
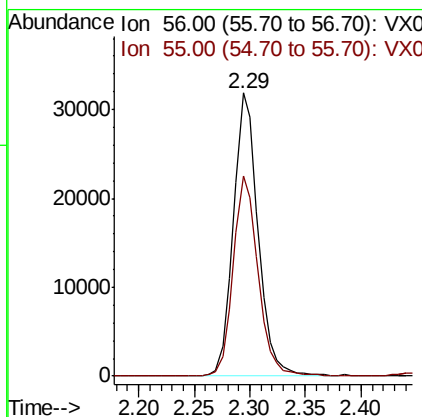
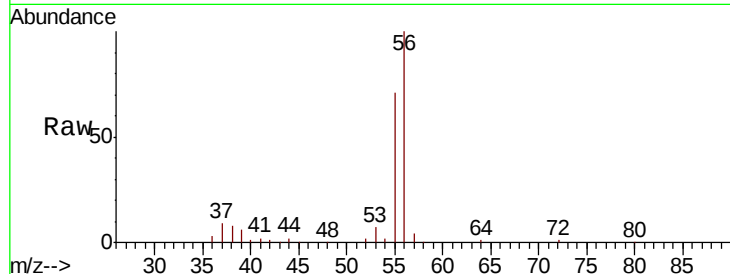
#13
Acrolein
Concen: 233.480 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	49008
Ion Ratio	100	Lower	Upper
56	100		
55	71.3	57.3	85.9

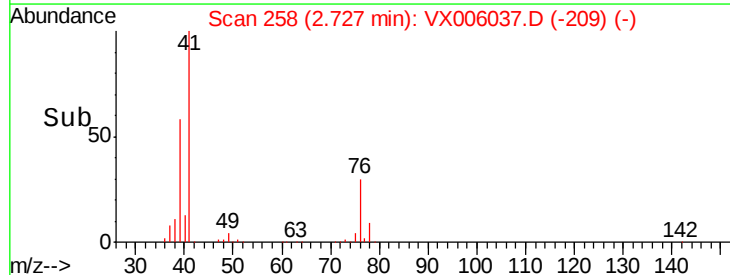
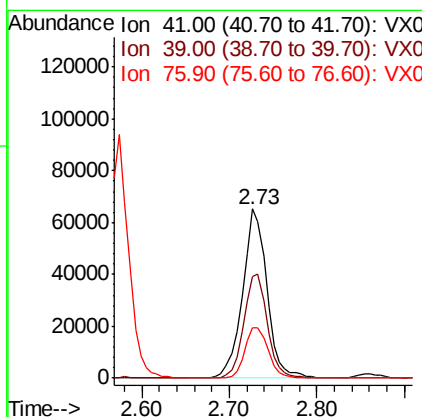
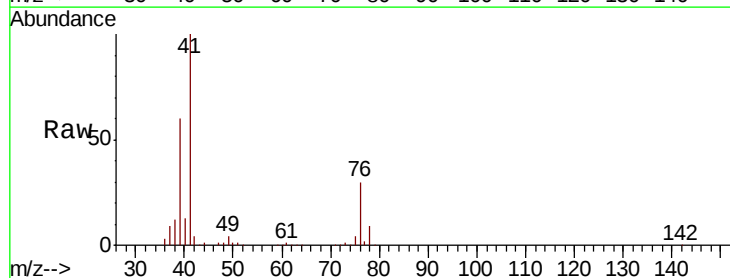
Manual Integrations
APPROVED

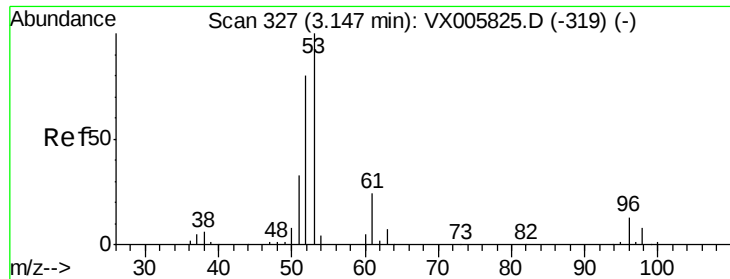
MMDadoda
11/19/2018 12:23:04 PM



#14
Allyl chloride
Concen: 47.390 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	41	Resp	125791
Ion Ratio	100	Lower	Upper
41	100		
39	59.3	48.2	72.4
76	29.0	21.9	32.9





#15

Acrylonitrile

Concen: 245.521 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

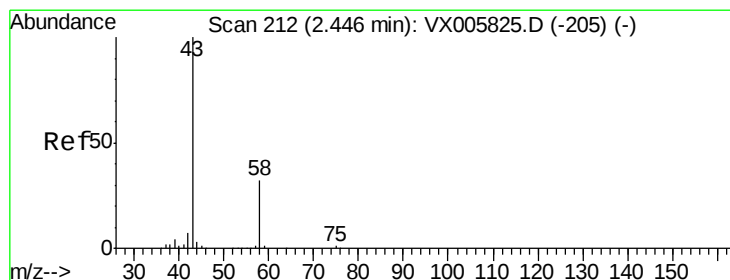
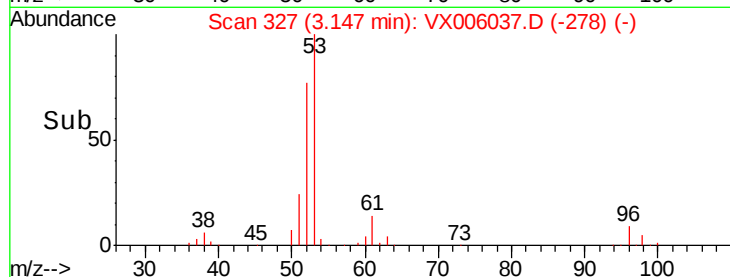
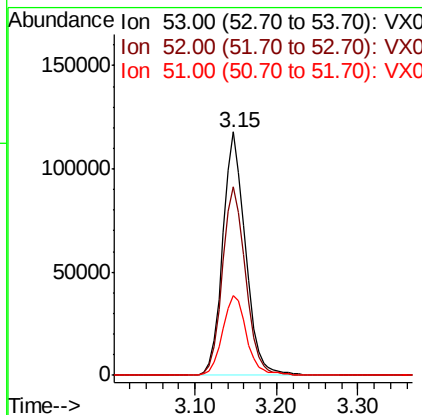
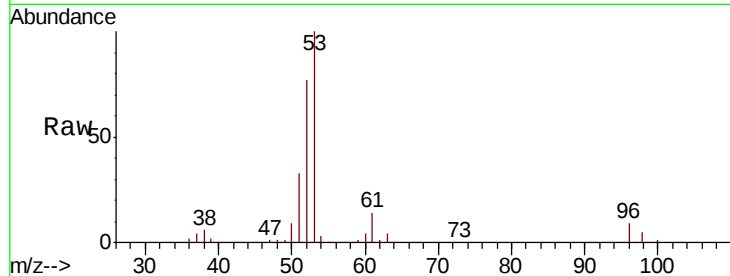
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	225314
Ion Ratio	Lower	Upper	
53	100		
52	79.9	66.6	99.8
51	34.7	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
11/19/2018 12:23:04 PM



#16

Acetone

Concen: 225.495 ug/l

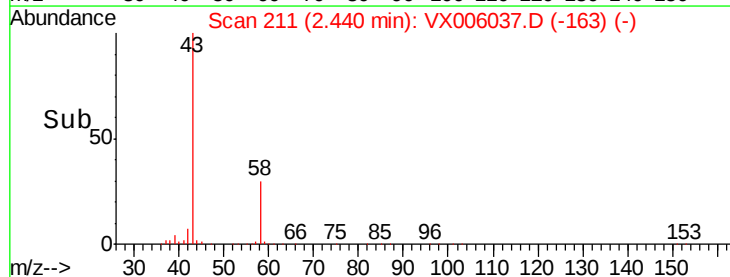
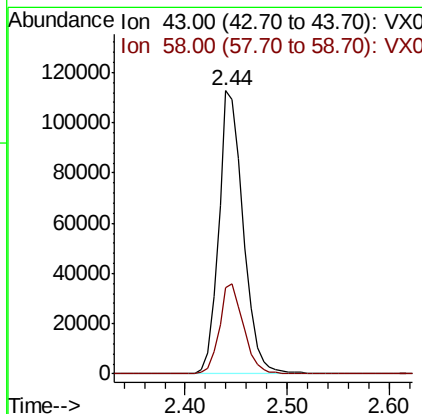
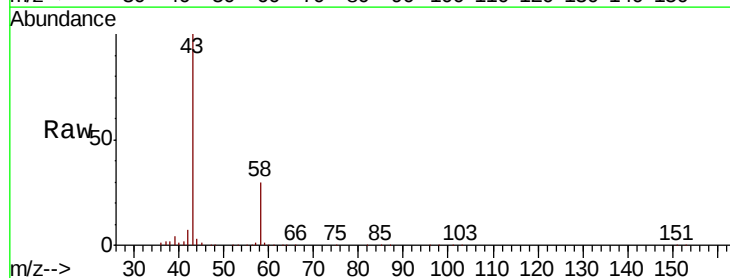
RT: 2.44 min Scan# 211

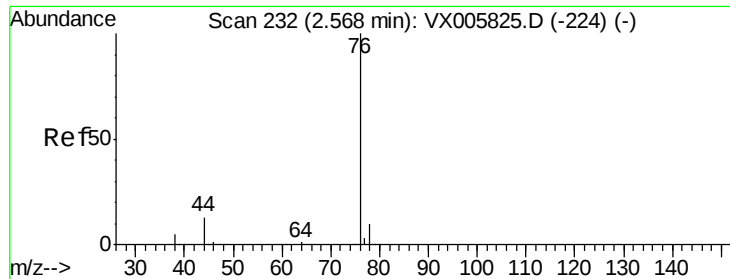
Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Tgt Ion:	43	Resp:	187681
Ion Ratio	Lower	Upper	
43	100		
58	30.4	23.8	35.6





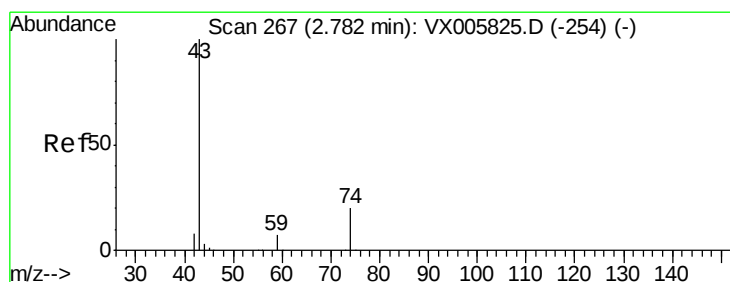
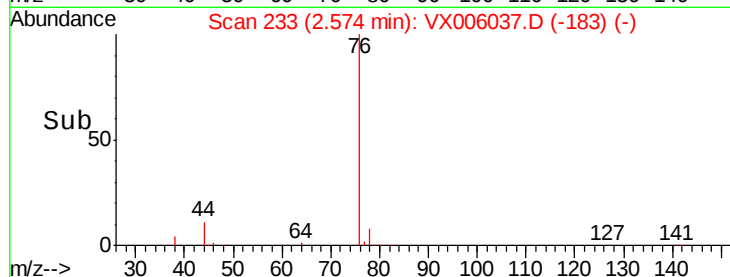
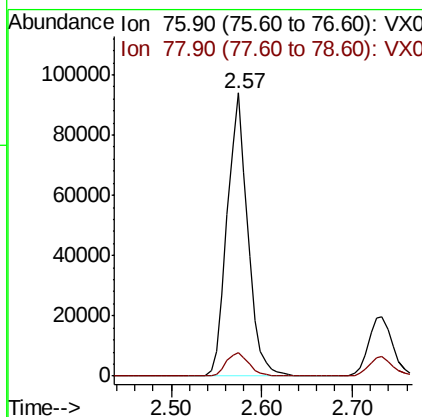
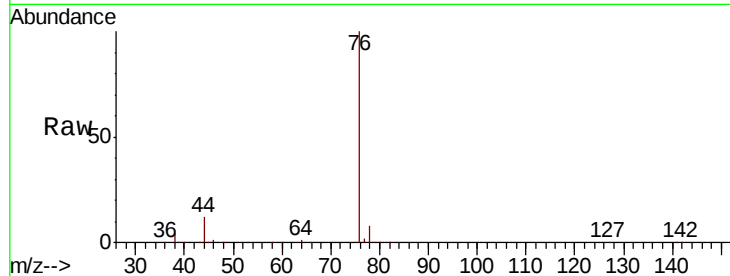
#17
Carbon Disulfide
Concen: 42.034 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9

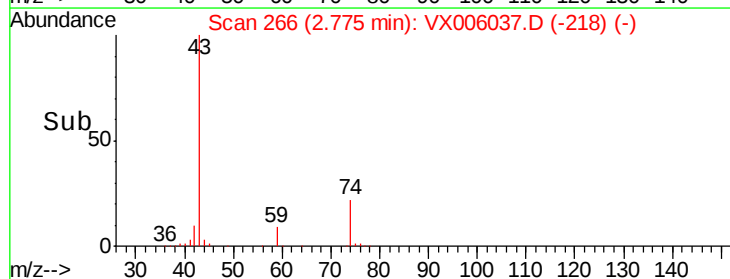
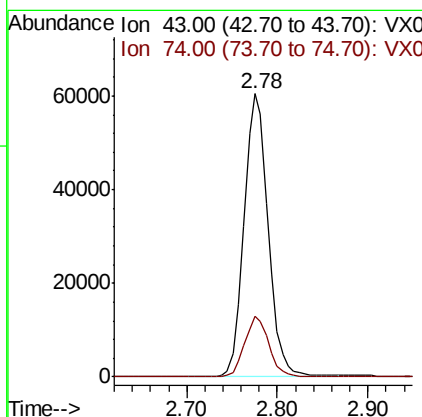
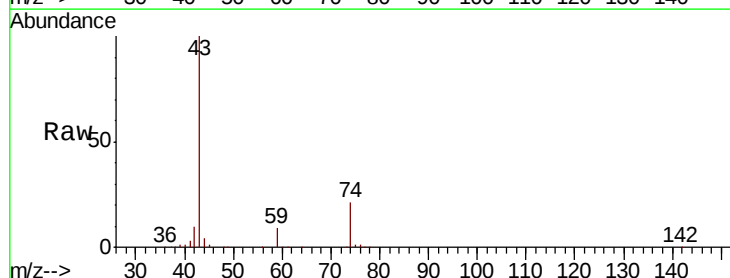
Manual Integrations
APPROVED

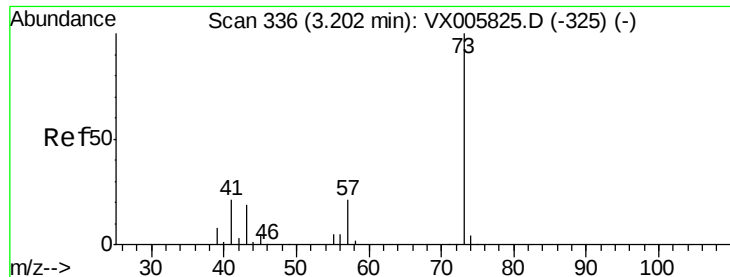
MMDadoda
11/19/2018 12:23:04 PM



#18
Methyl Acetate
Concen: 49.578 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.8	25.2





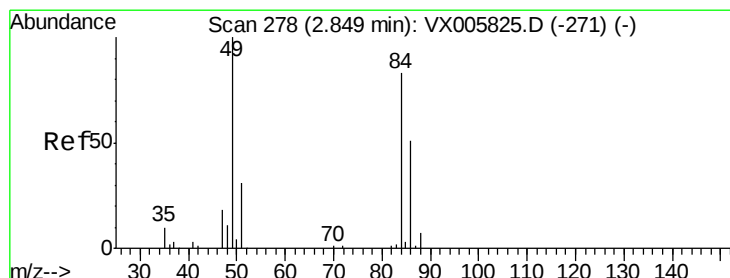
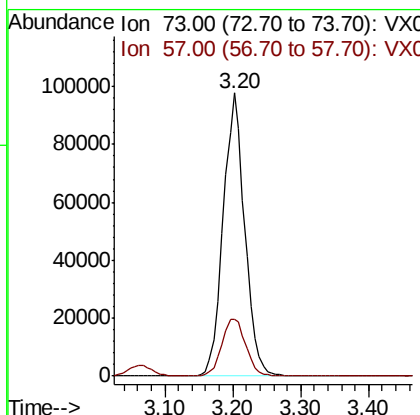
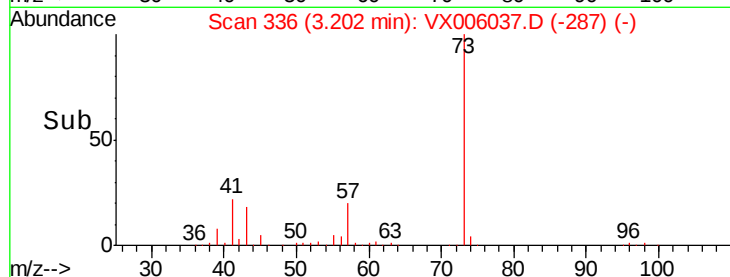
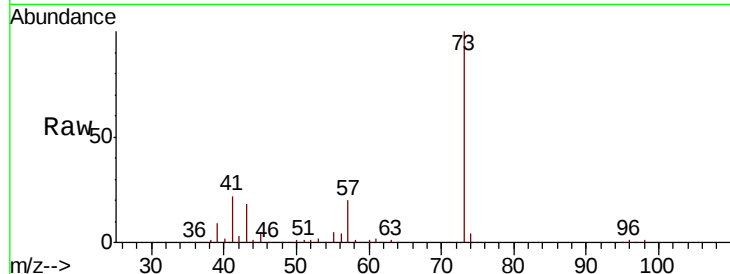
#19
Methyl tert-butyl Ether
Concen: 52.892 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 214552
Ion Ratio Lower Upper
73 100
57 20.2 18.8 28.2

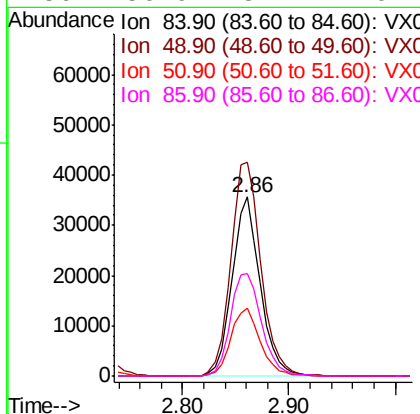
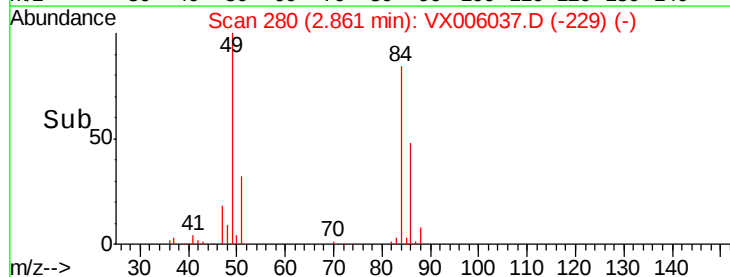
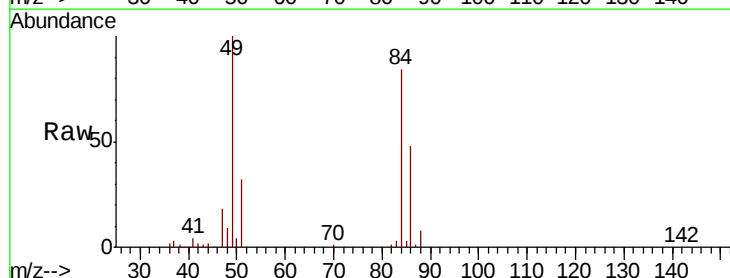
Manual Integrations
APPROVED

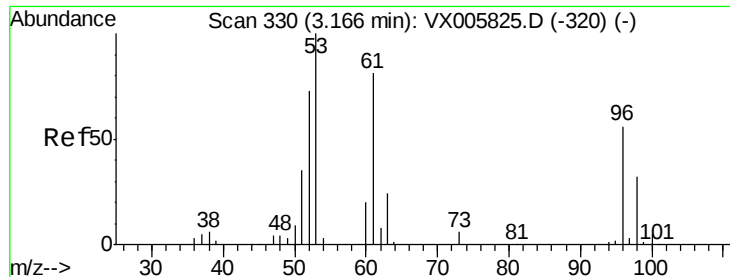
MMDadoda
11/19/2018 12:23:04 PM



#20
Methylene Chloride
Concen: 48.164 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion: 84 Resp: 65850
Ion Ratio Lower Upper
84 100
49 119.3 109.5 164.3
51 37.9 33.3 49.9
86 56.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.036 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 61470

Ion Ratio Lower Upper

96 100

61 142.8 115.6 173.4

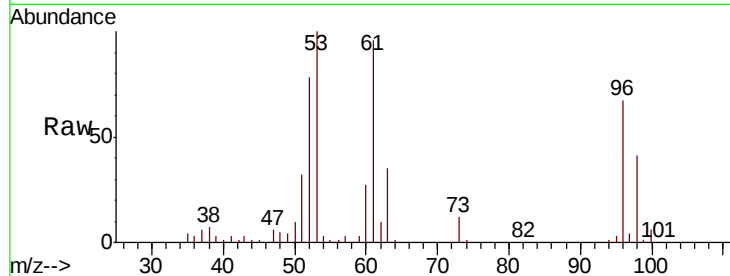
98 61.0 50.2 75.2

Manual Integrations

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MMDadoda

11/19/2018 12:23:04 PM

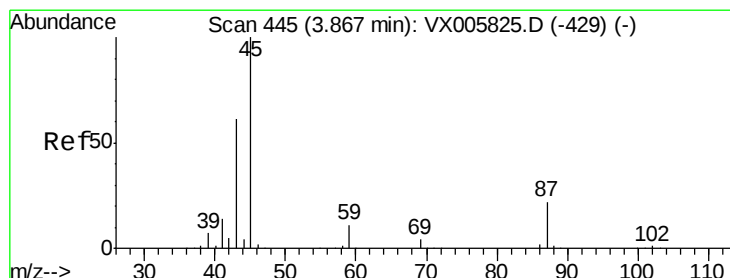
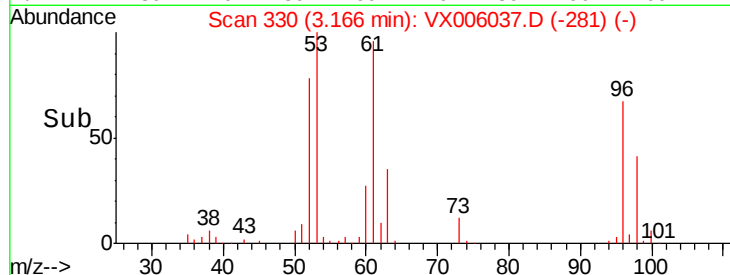
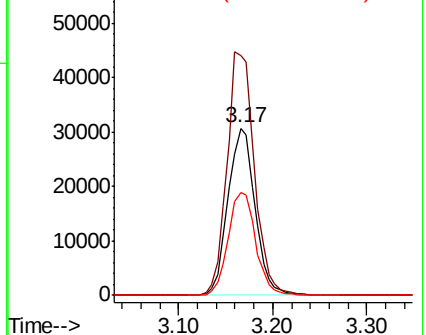


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.243 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Tgt Ion: 45 Resp: 242926

Ion Ratio Lower Upper

45 100

43 60.2 47.4 71.2

87 25.9 15.9 23.9#

59 10.9 7.7 11.5

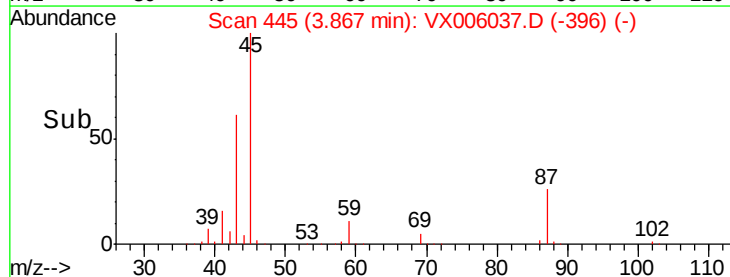
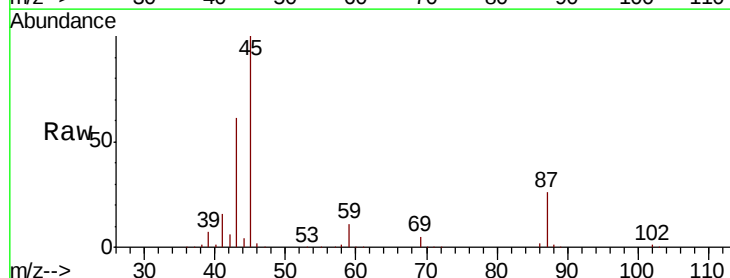
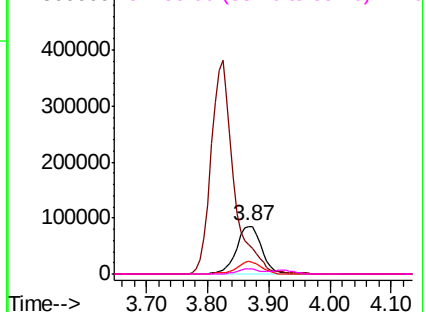
Abundance

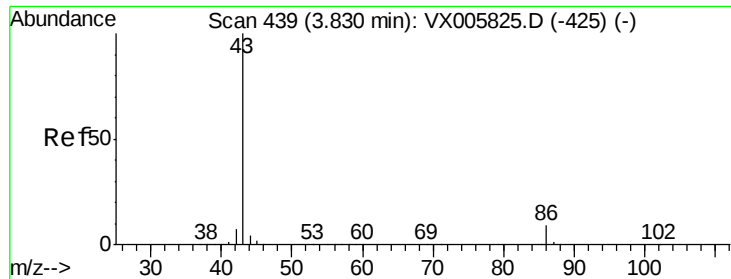
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 251.223 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1001602

Ion Ratio Lower Upper

43 100

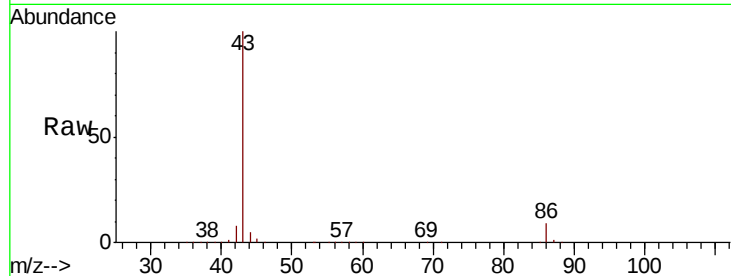
86 9.3 7.4 11.2

Manual Integrations

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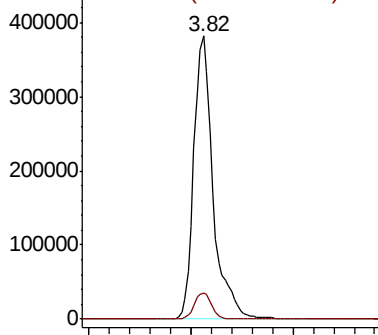
MMDadoda

11/19/2018 12:23:04 PM

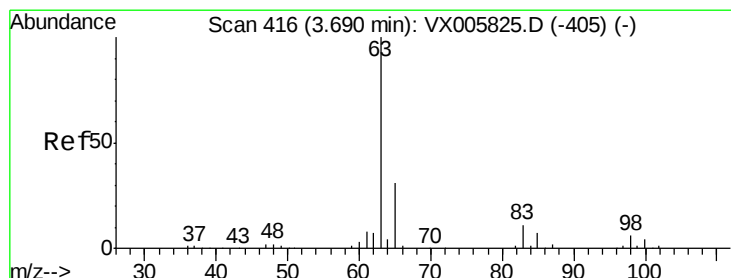
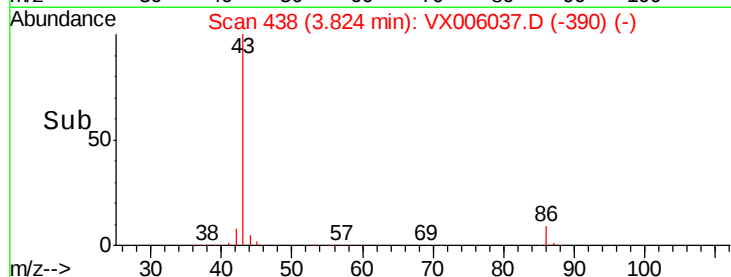


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 48.156 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

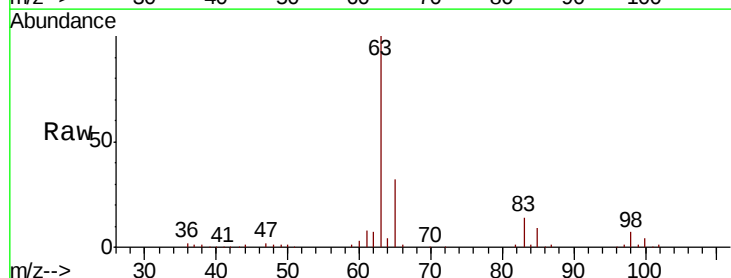
Tgt Ion: 63 Resp: 119466

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

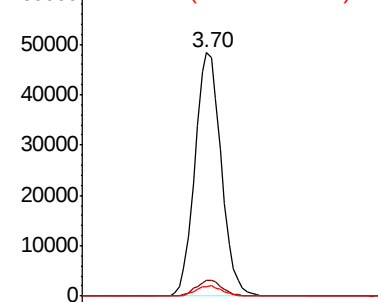
100 3.8 2.1 6.2



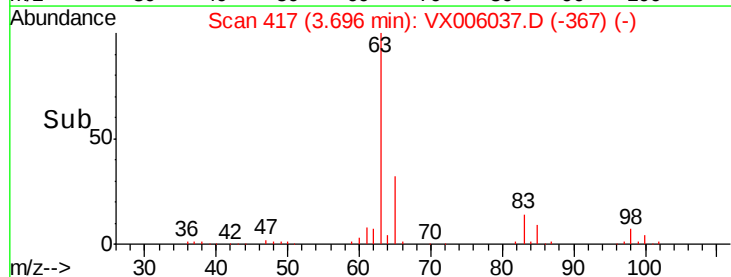
Abundance Ion 62.90 (62.60 to 63.60): VX0

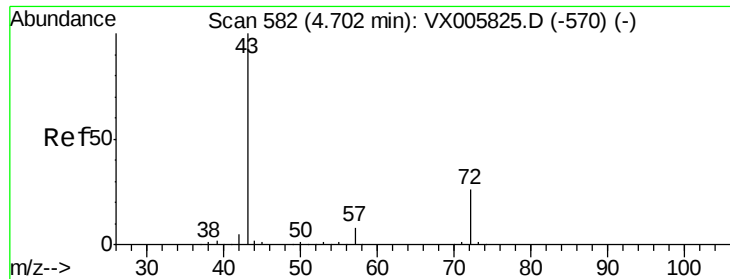
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 236.338 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 309252

Ion Ratio Lower Upper

43 100

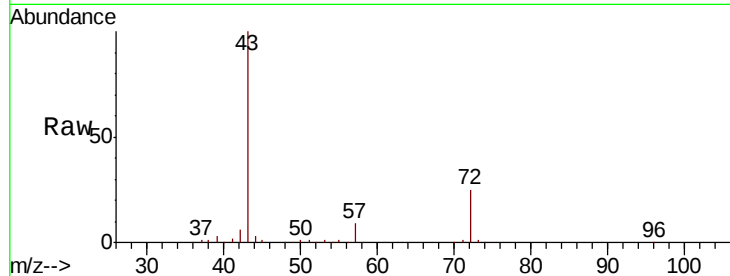
72 24.8 19.2 28.8

Manual Integrations

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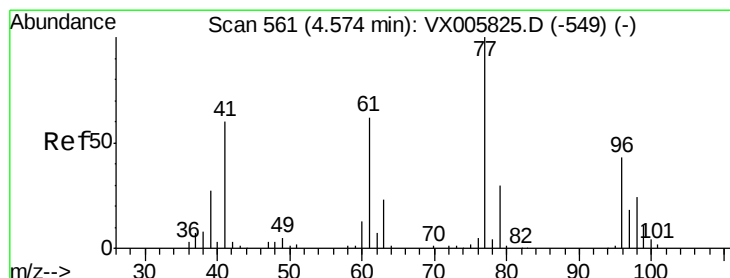
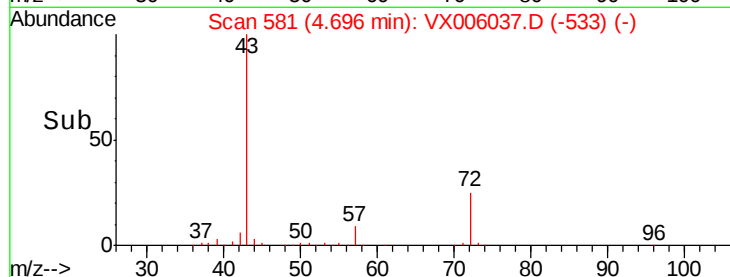
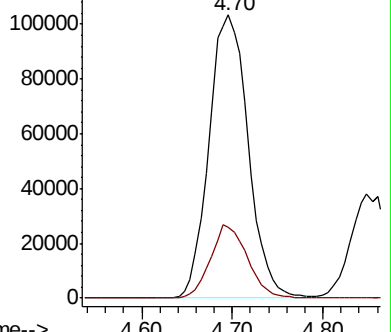
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 52.700 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006037.D

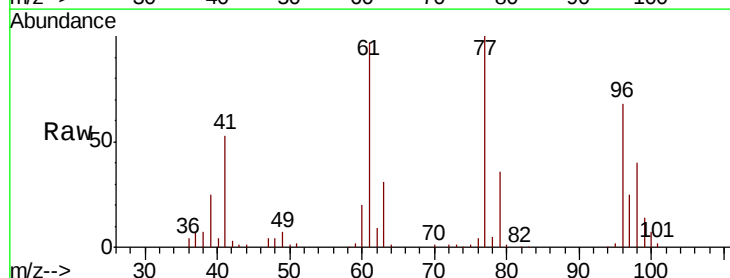
Acq: 16 Nov 2018 08:51

Tgt Ion: 77 Resp: 95904

Ion Ratio Lower Upper

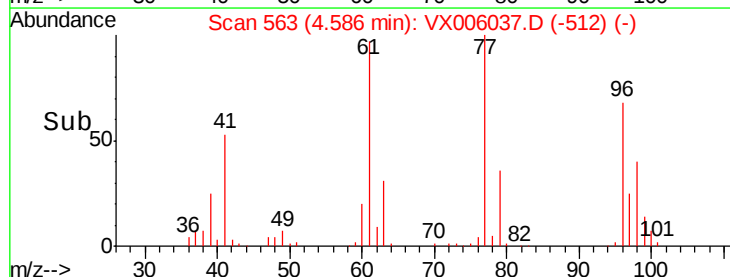
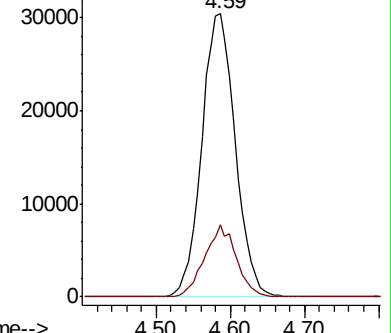
77 100

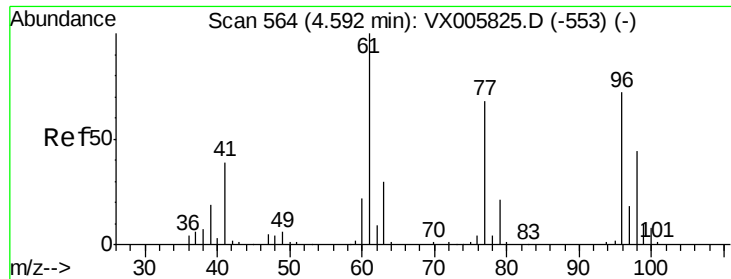
97 23.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

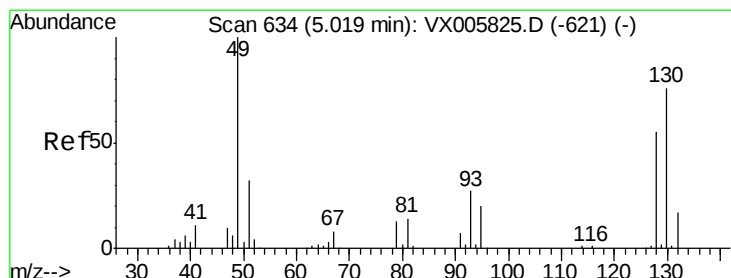
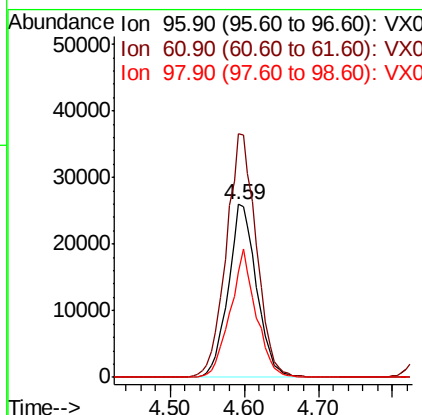
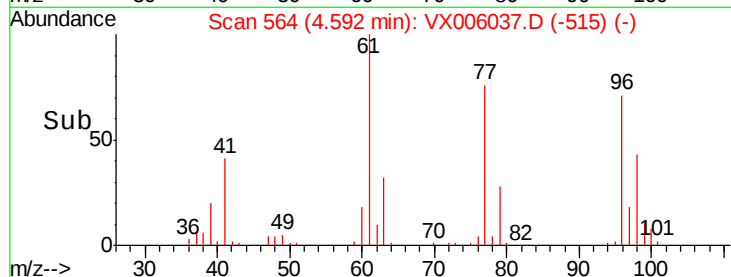
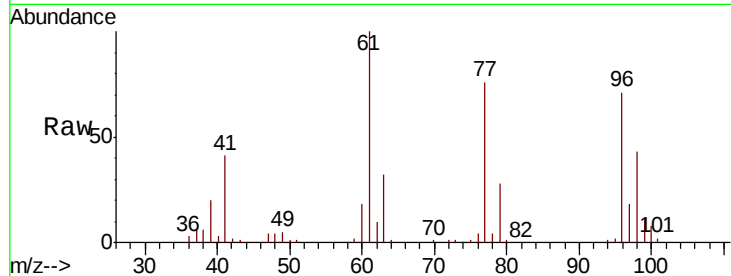
cis-1,2-Dichloroethene
Concen: 50.034 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69256		
61	149.1		0.0	304.6
98	67.1		0.0	127.4

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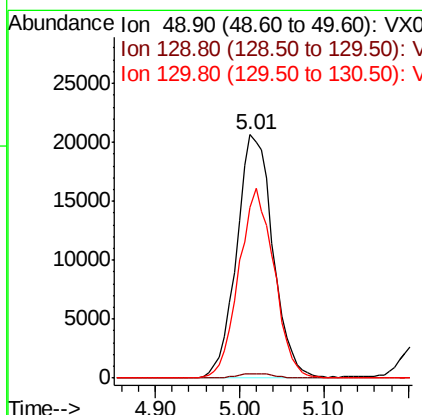
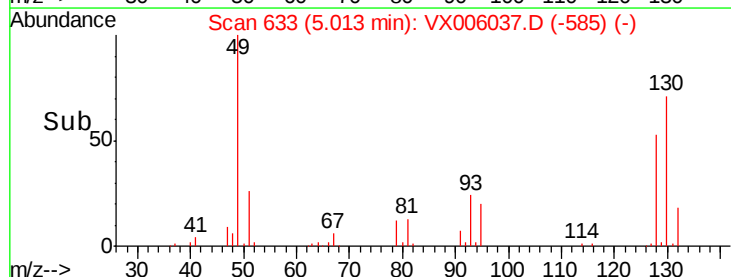
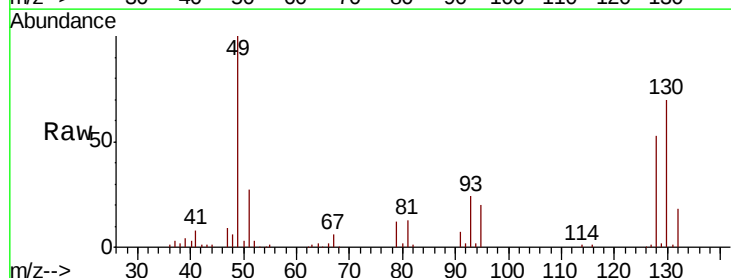
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#28

Bromochloromethane
Concen: 54.279 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	60180		
129	1.9		0.0	4.0
130	76.0		58.9	88.3





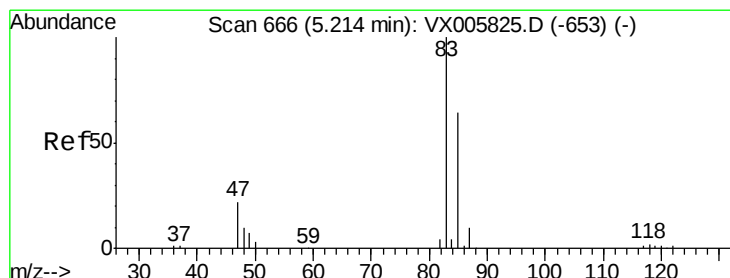
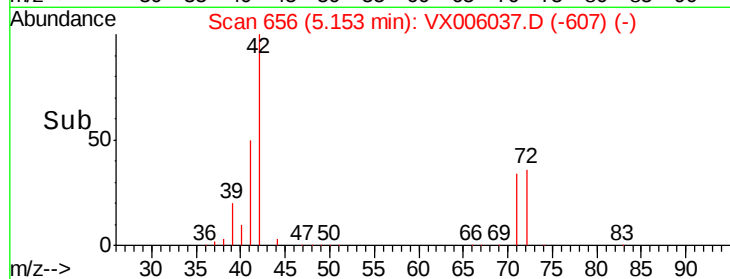
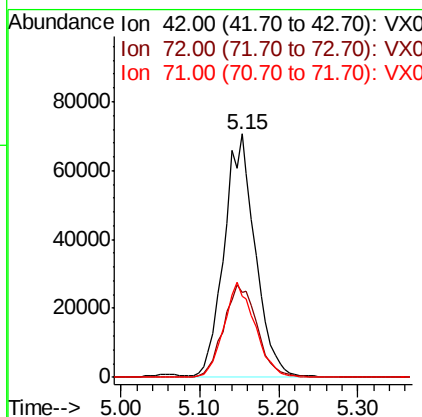
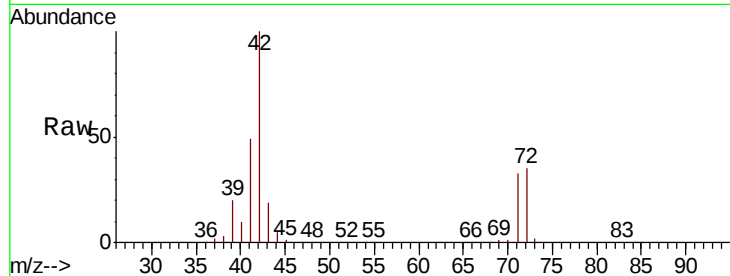
#29
Tetrahydrofuran
Concen: 229.487 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.0	48.0
71	39.0	29.8	44.8

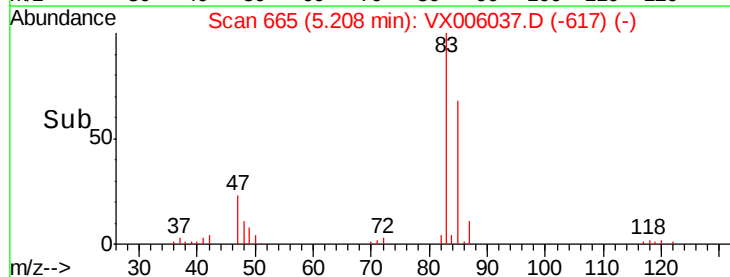
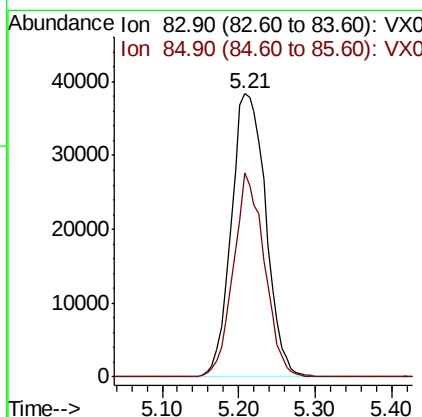
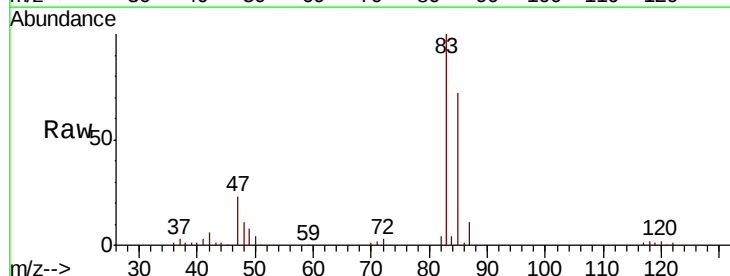
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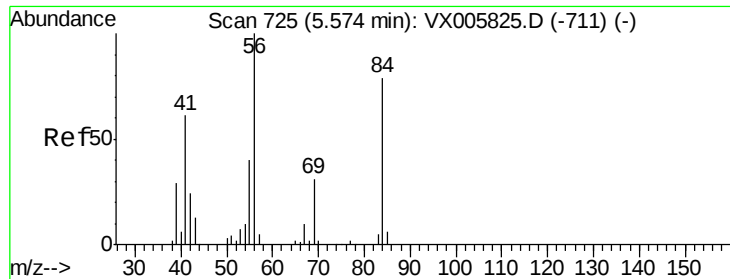
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#30
Chloroform
Concen: 50.082 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	72.2	50.6	76.0





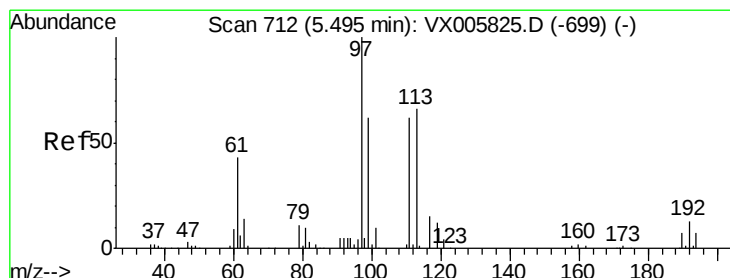
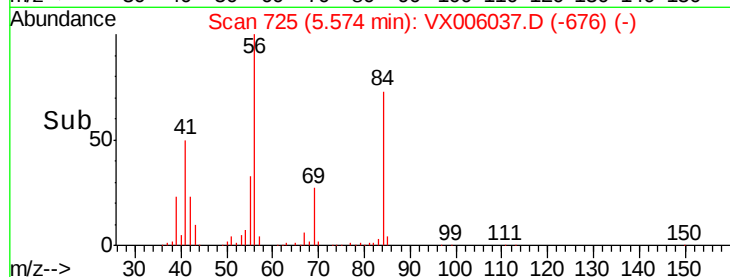
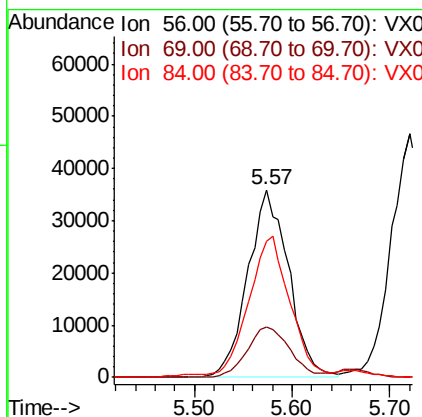
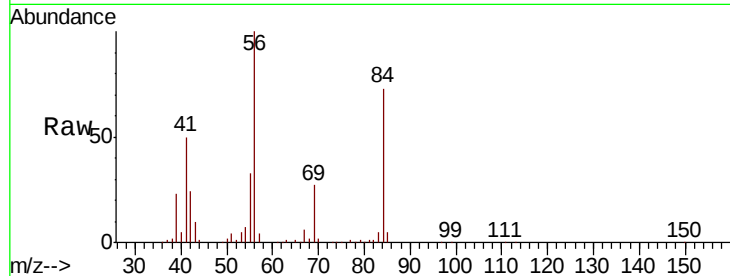
#31
Cyclohexane
Concen: 48.200 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.2	22.6	34.0
84	71.1	62.7	94.1

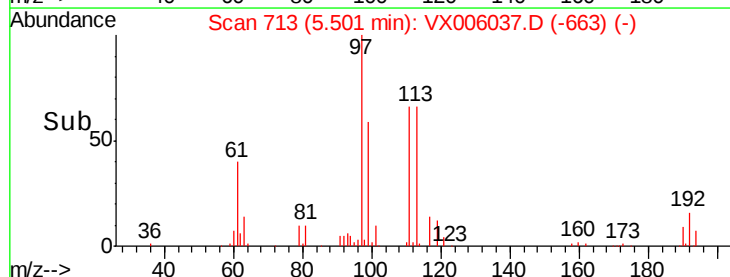
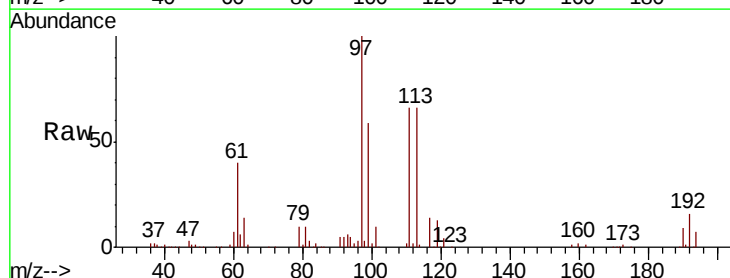
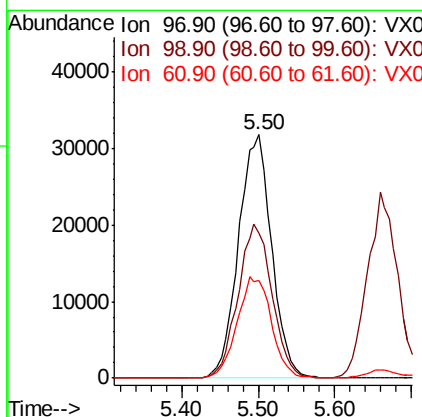
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#32
1,1,1-Trichloroethane
Concen: 47.993 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.3	78.5
61	43.1	35.2	52.8





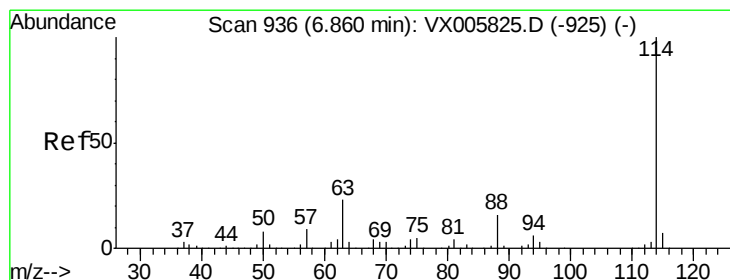
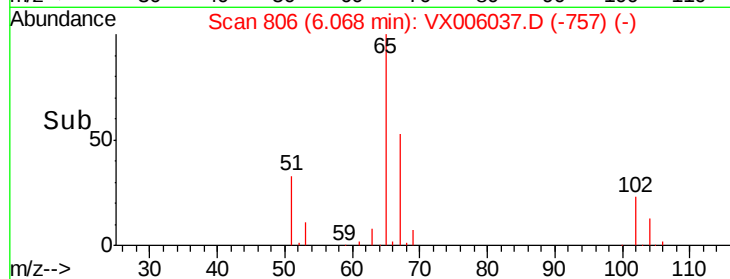
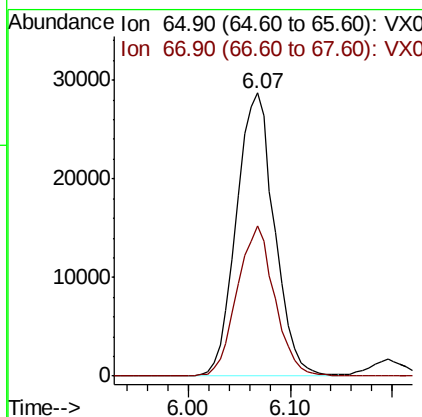
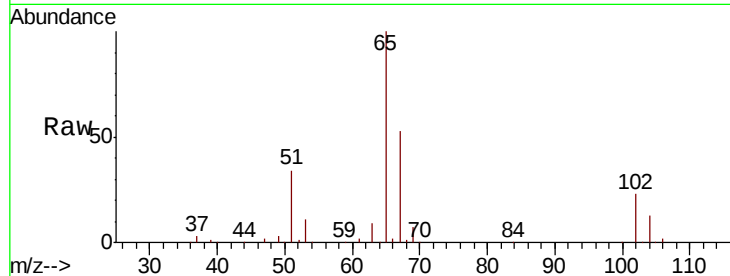
#33
 1,2-Dichloroethane-d4
 Concen: 48.146 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.0

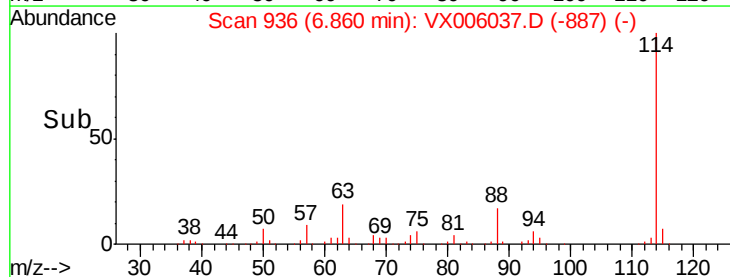
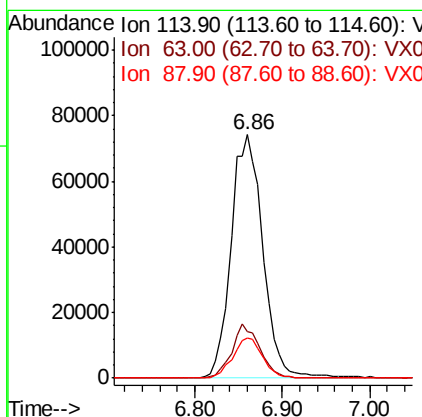
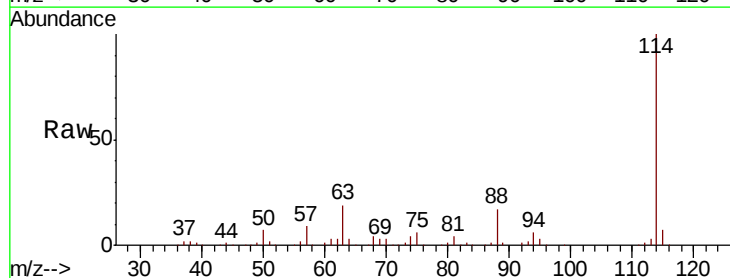
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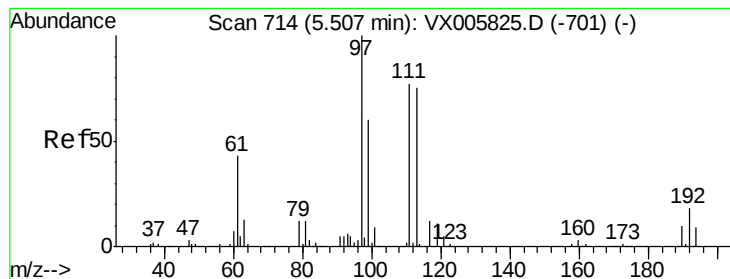
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	42.8
88	16.7	0.0	31.2





#35

Dibromofluoromethane

Concen: 50.064 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

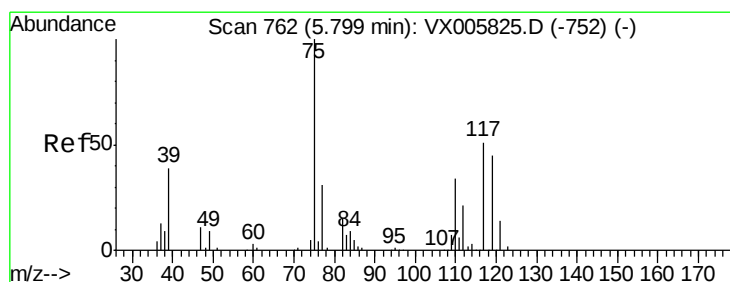
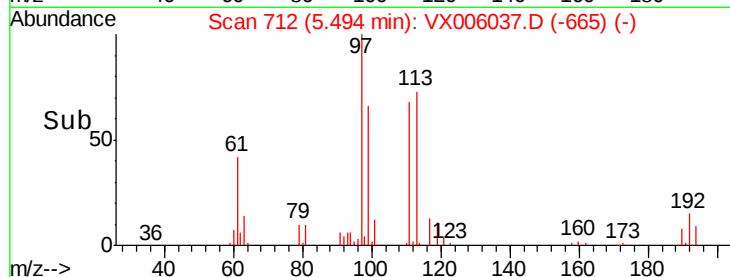
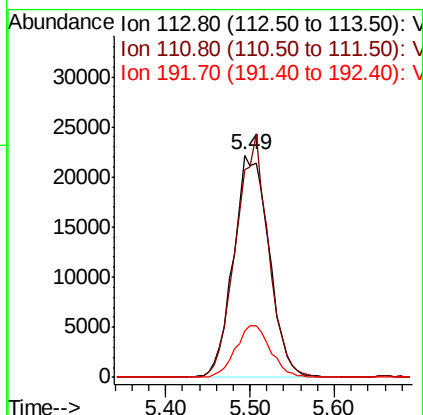
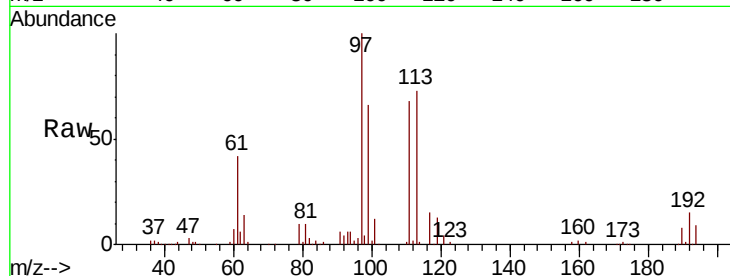
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	63557
Ion	Ratio	Lower	Upper
113	100		
111	99.2	82.3	123.5
192	22.7	17.9	26.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.860 ug/l

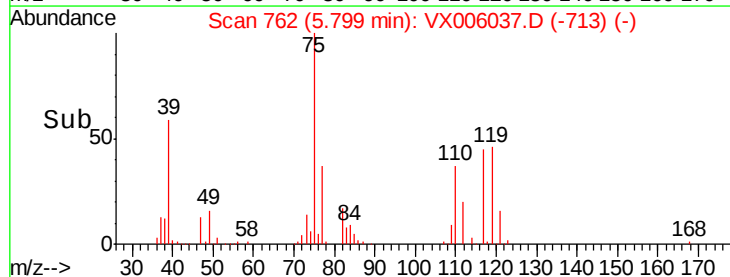
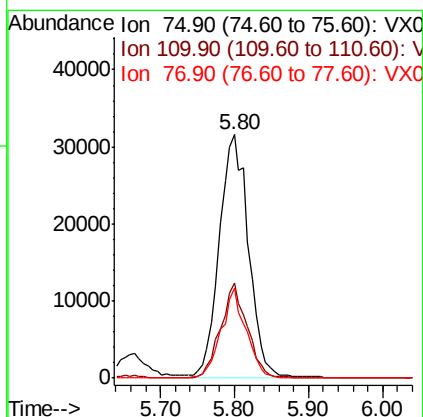
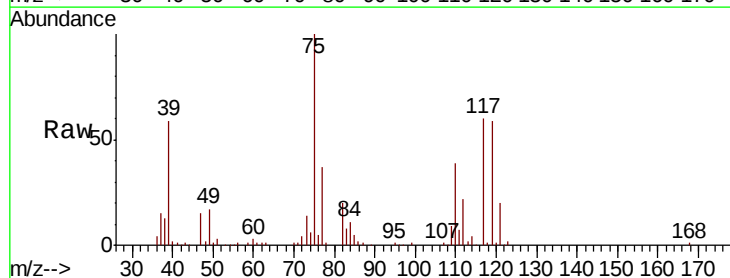
RT: 5.80 min Scan# 762

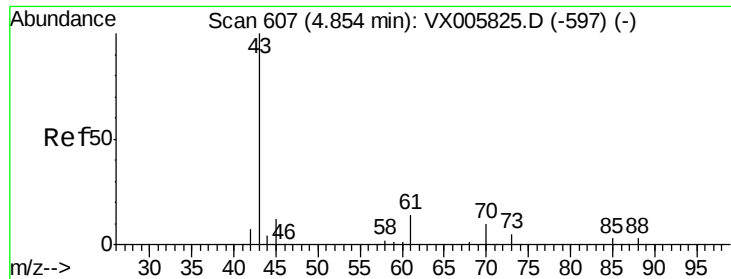
Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Tgt Ion:	75	Resp:	86119
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.4	52.2
77	32.0	25.8	38.6





#37

Ethyl Acetate

Concen: 48.702 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

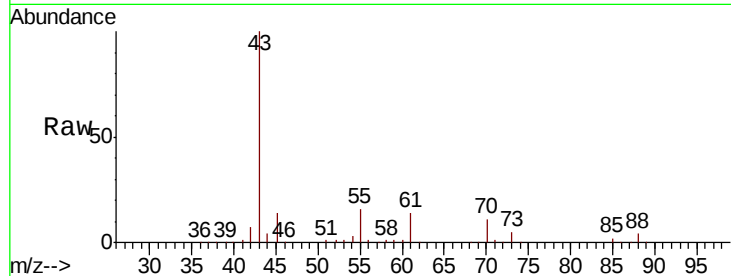
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	115240
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	10.2	7.8	11.8

Manual Integrations
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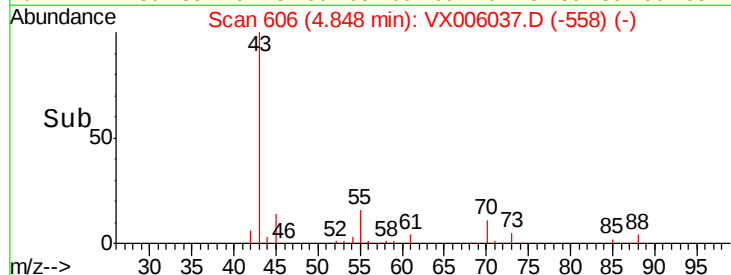


Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-597) (-)

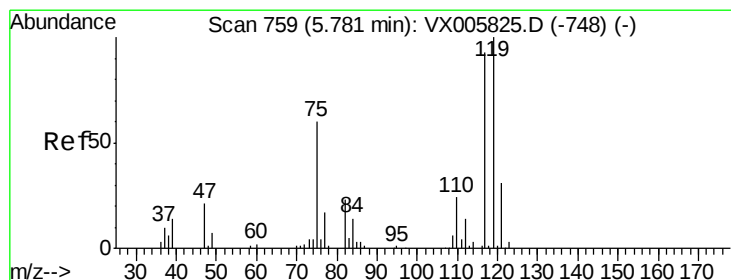
Ion 60.90 (60.60 to 61.60): VX005825.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005825.D (-597) (-)

Time-->



Time-->



#38

Carbon Tetrachloride

Concen: 47.849 ug/l

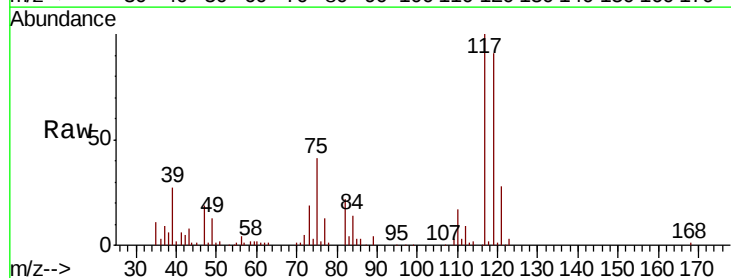
RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Tgt Ion:	117	Resp:	86194
Ion	Ratio	Lower	Upper
117	100		
119	91.4	78.1	117.1
121	27.9	24.6	36.8

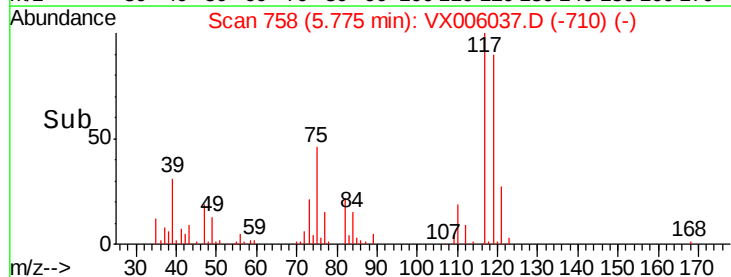


Abundance Ion 116.80 (116.50 to 117.50): VX005825.D (-748) (-)

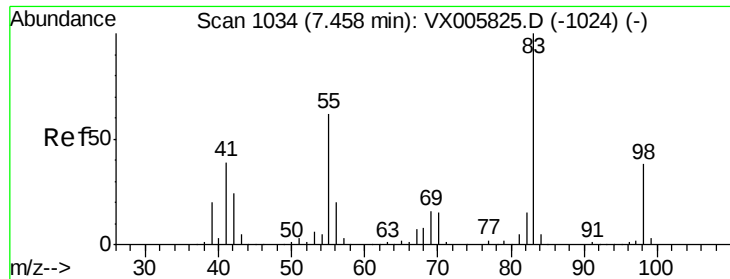
Ion 118.80 (118.50 to 119.50): VX005825.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005825.D (-748) (-)

Time-->



Time-->



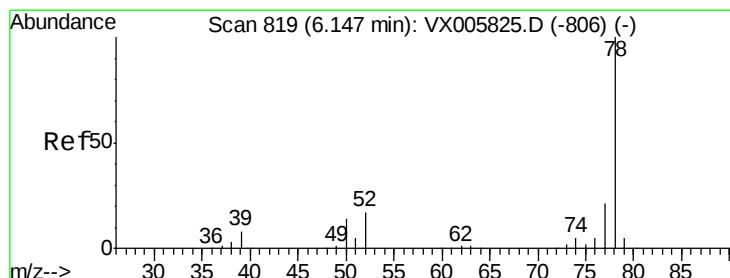
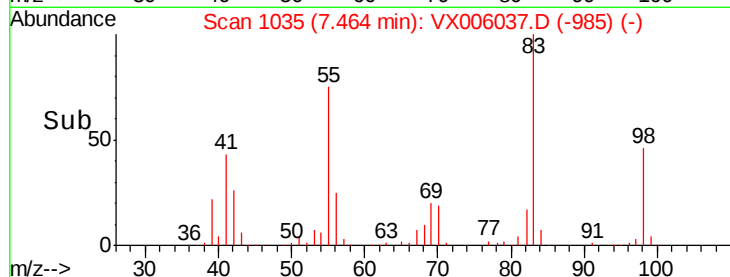
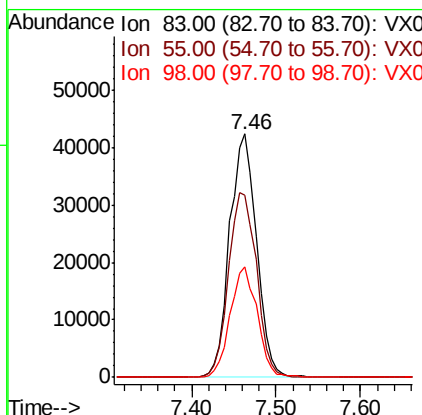
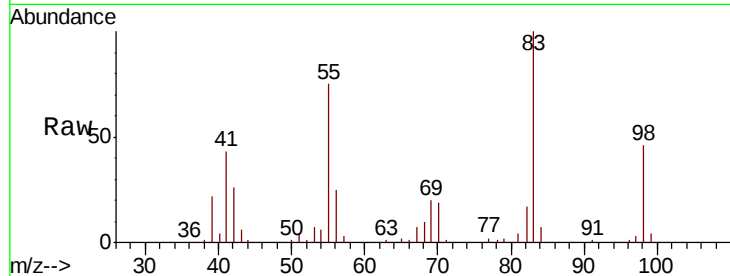
#39
Methvlcvclohexane
Concen: 50.553 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	63.7	95.5
98	45.5	36.2	54.2

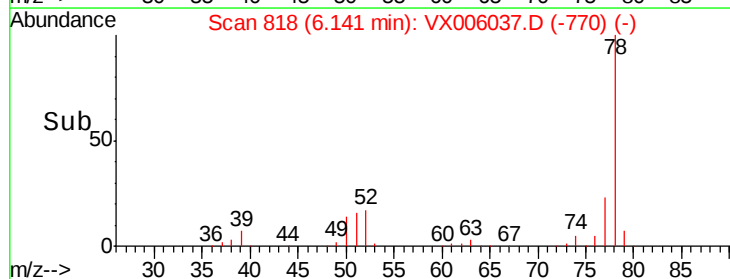
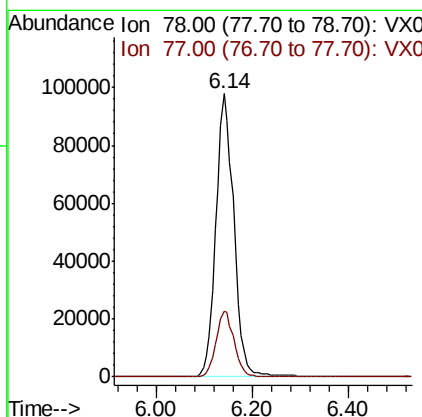
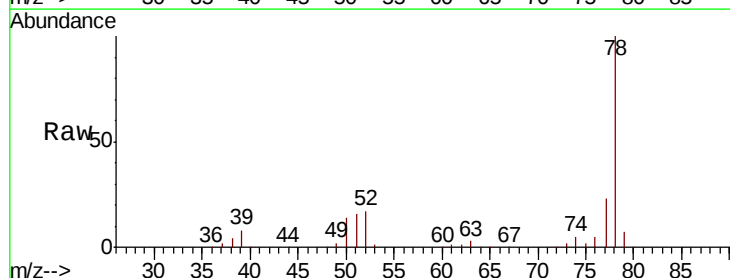
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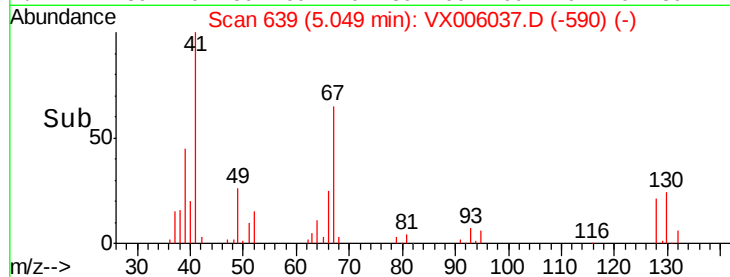
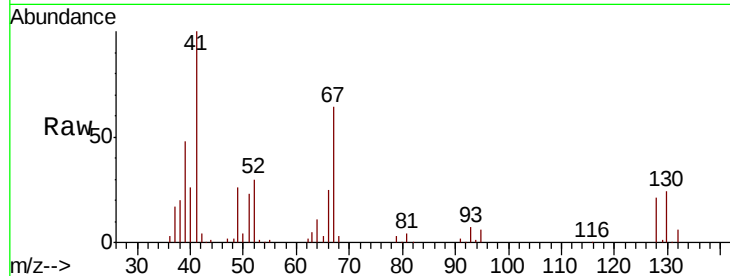
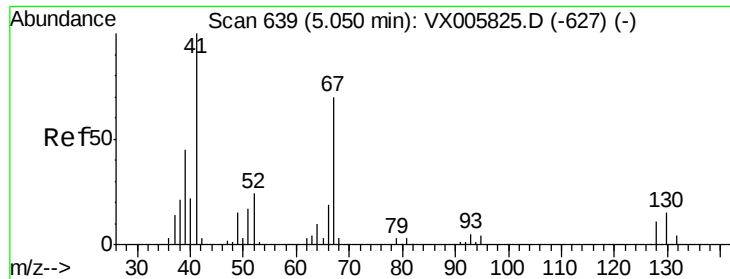
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#40
Benzene
Concen: 48.493 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.4	27.6





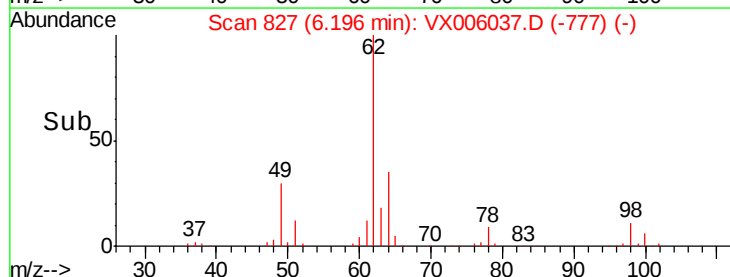
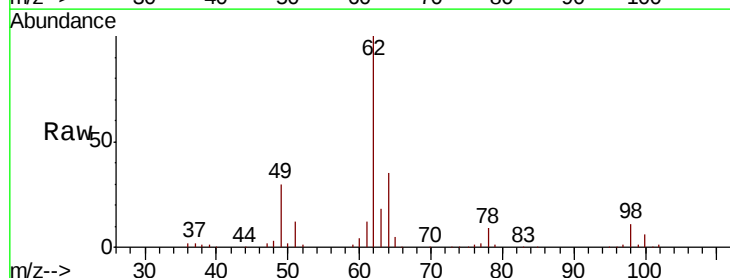
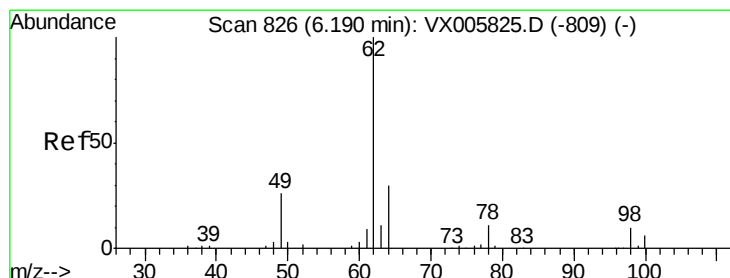
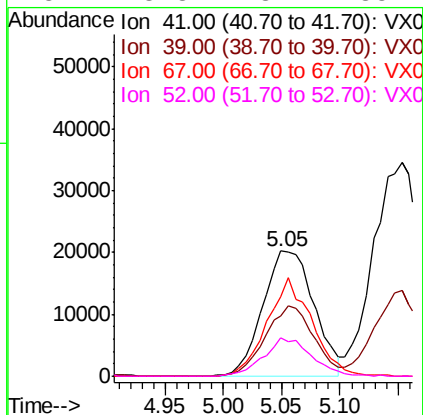
#41
Methacrylonitrile
Concen: 48.433 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	42.2	63.2	
67	69.1	53.4	80.0	
52	28.8	23.4	35.2	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

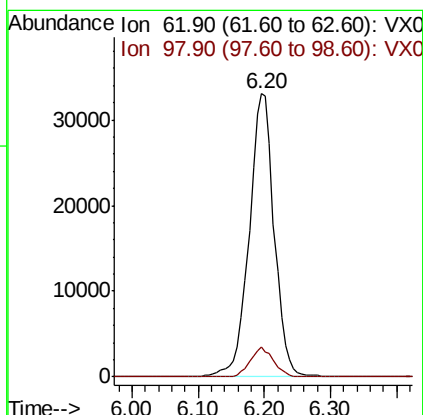
Manual Integrations
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11/19/2018 12:23:04 PM



#42
1,2-Dichloroethane
Concen: 46.501 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	17.8	





#43

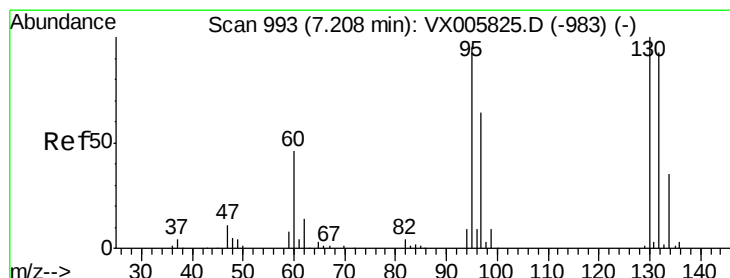
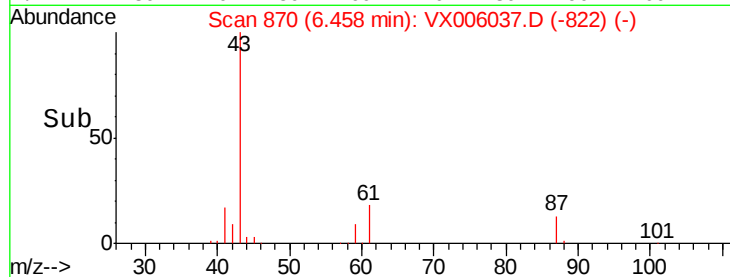
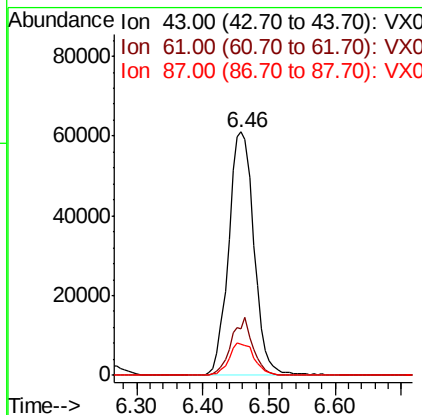
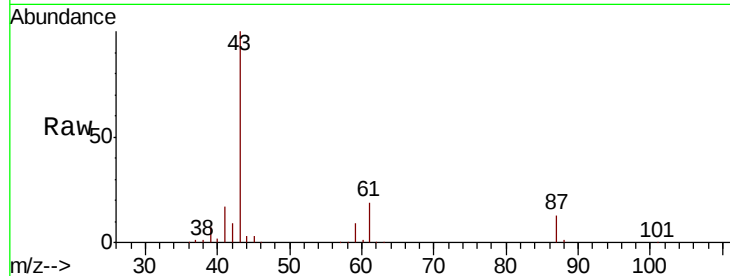
Isopropyl Acetate
 Concen: 47.323 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	14.6	22.0
87	13.2	9.6	14.4

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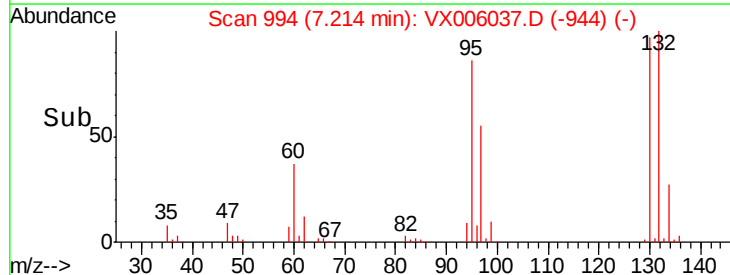
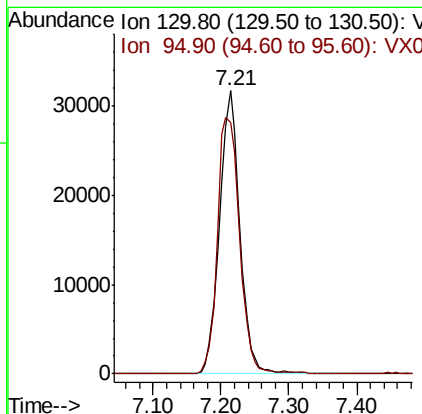
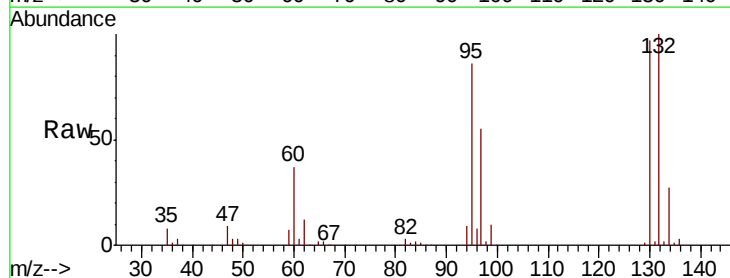
MMDadoda
 11/19/2018 12:23:04 PM

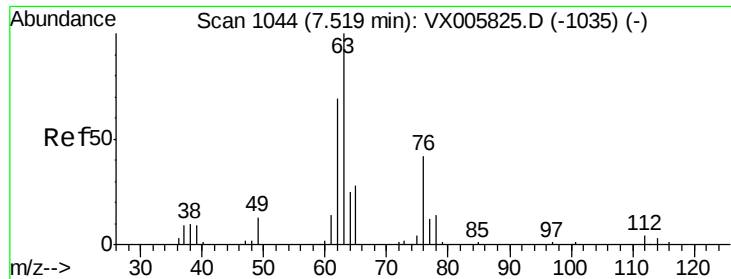


#44

Trichloroethene
 Concen: 49.443 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	194.2





#45

1,2-Dichloropropane

Concen: 54.355 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 69205

Ion Ratio Lower Upper

63 100

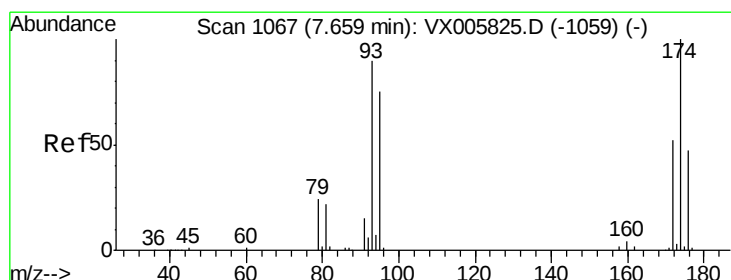
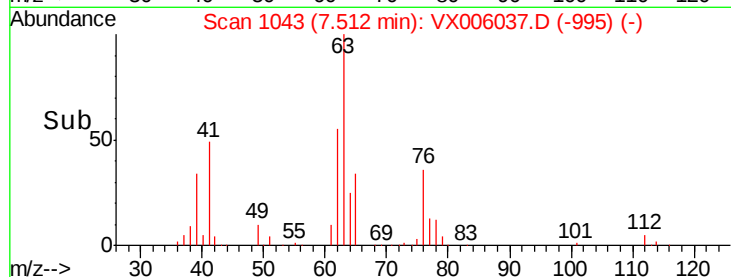
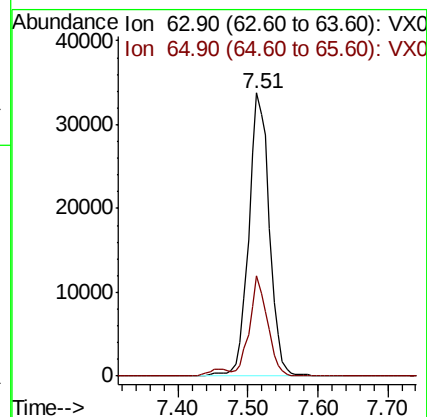
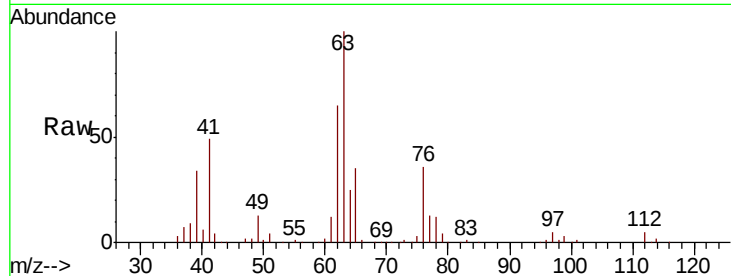
65 35.3 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 52.785 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

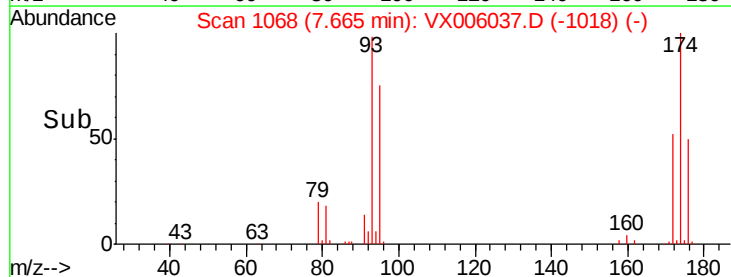
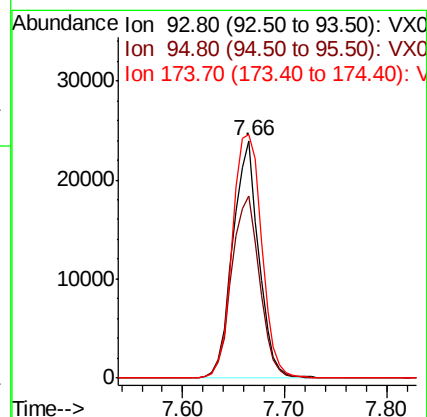
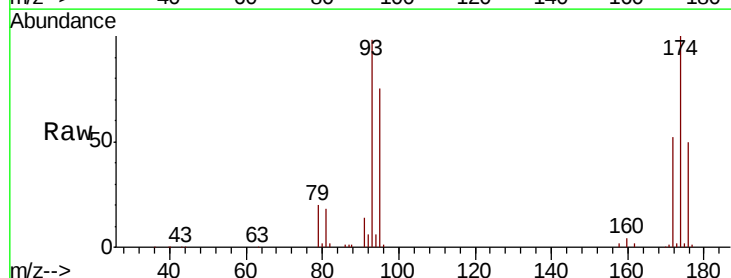
Tgt Ion: 93 Resp: 42172

Ion Ratio Lower Upper

93 100

95 82.8 67.4 101.0

174 115.7 91.5 137.3





#47

Bromodichloromethane

Concen: 52.323 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

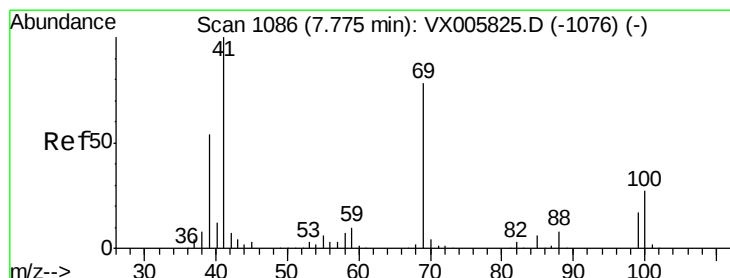
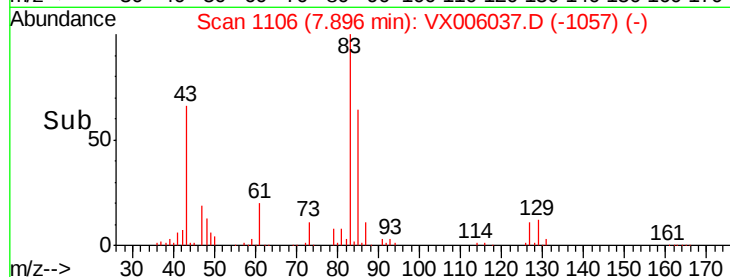
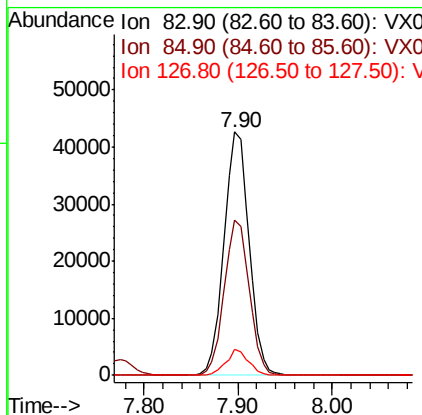
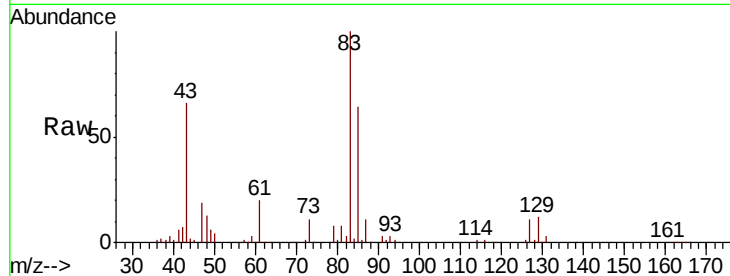
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	79003
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.2	75.4
127	10.7	6.9	10.3#

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.651 ug/l

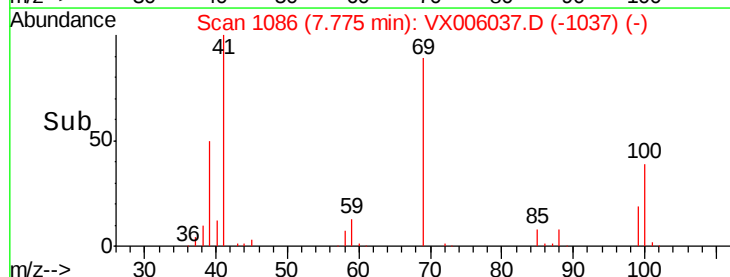
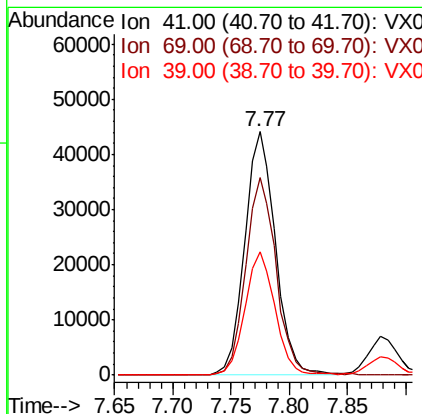
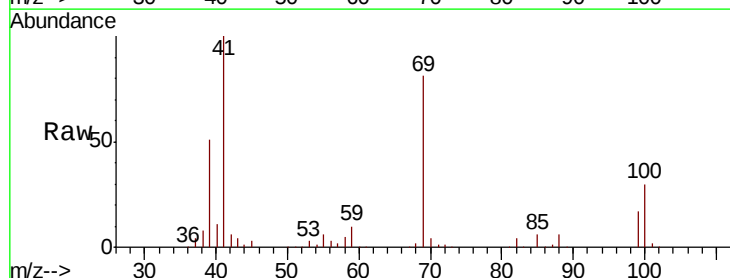
RT: 7.77 min Scan# 1086

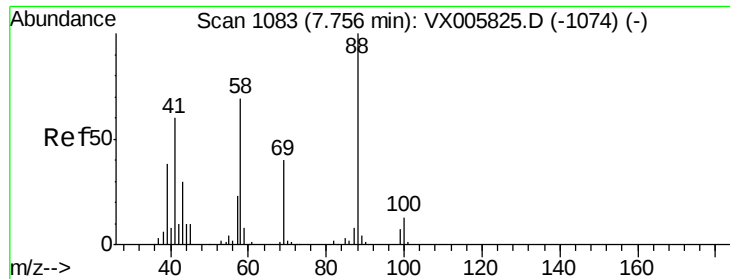
Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Tgt Ion:	41	Resp:	81059
Ion	Ratio	Lower	Upper
41	100		
69	80.7	63.2	94.8
39	49.9	42.2	63.2





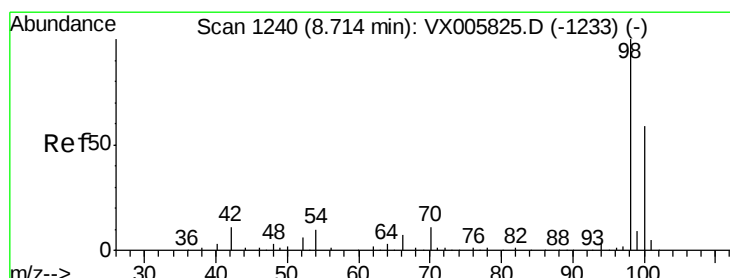
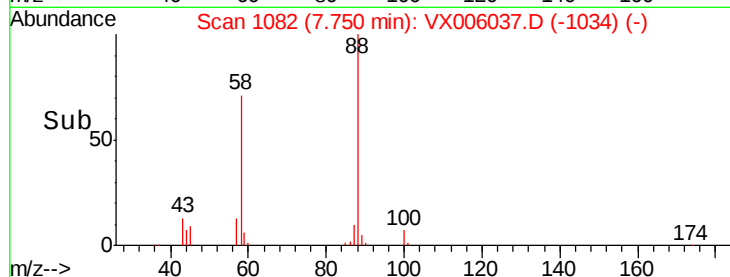
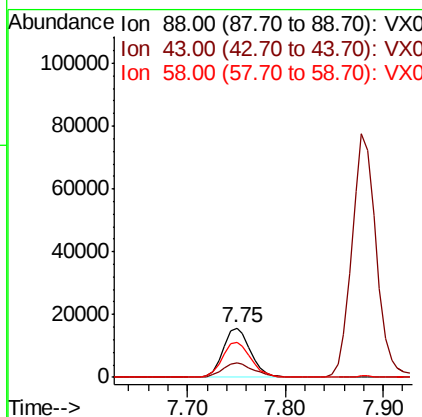
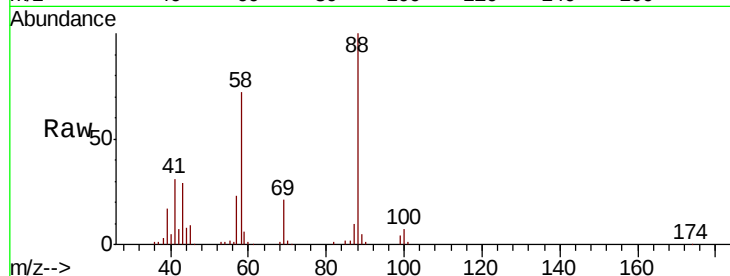
#49
1,4-Dioxane
Concen: 917.379 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	27.4	41.0
58	74.4	59.4	89.2

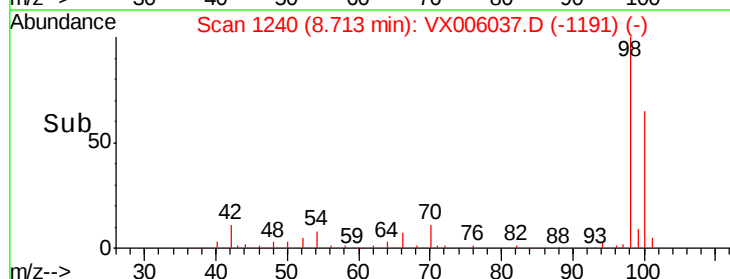
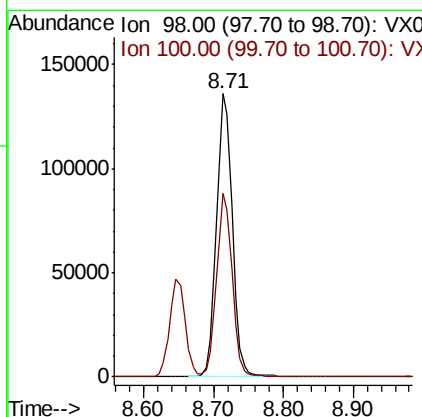
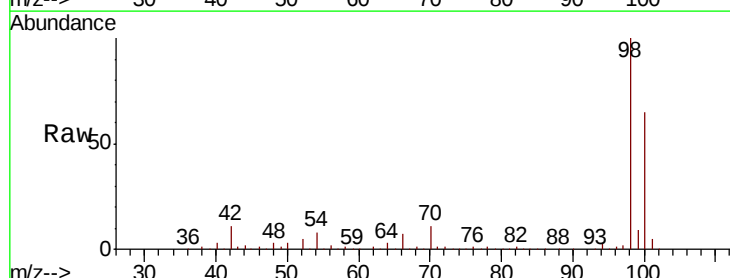
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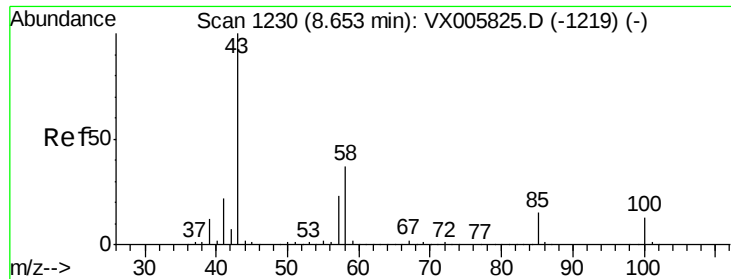
MMDadoda
11/19/2018 12:23:04 PM



#50
Toluene-d8
Concen: 50.782 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 245.028 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 529478

Ion Ratio Lower Upper

43 100

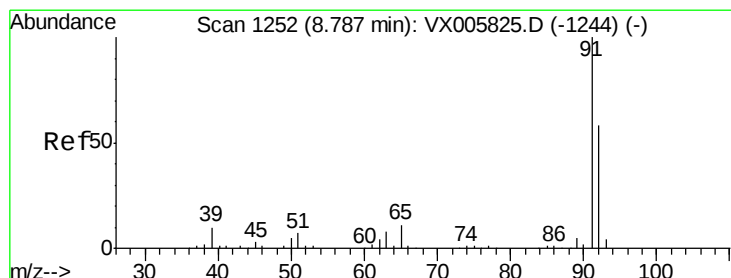
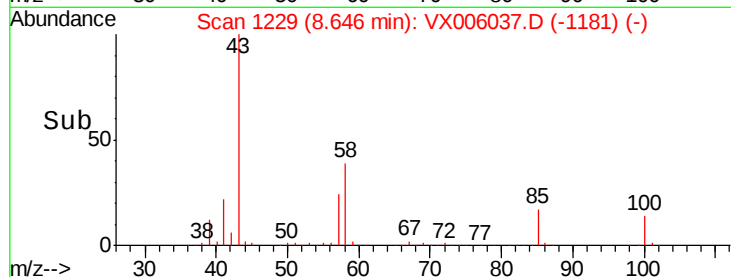
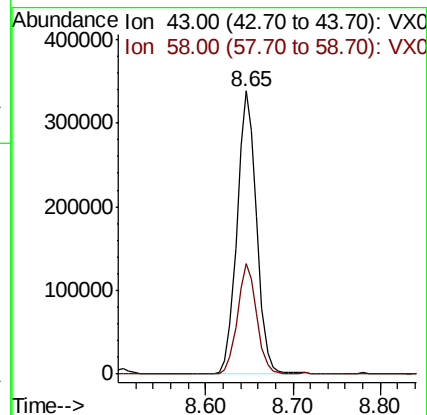
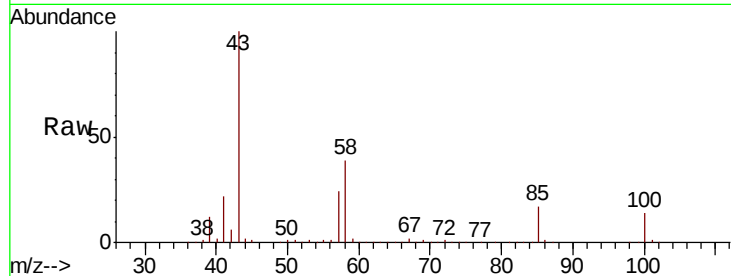
58 38.3 29.7 44.5

Manual Integrations

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#52

Toluene

Concen: 49.305 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006037.D

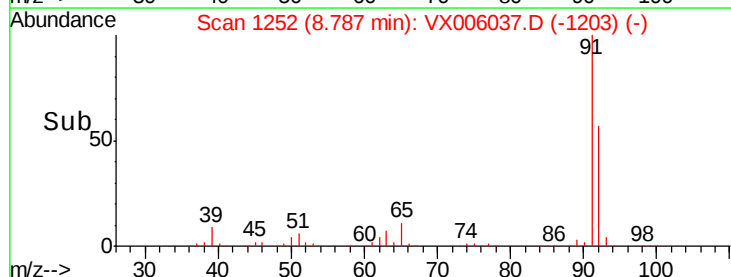
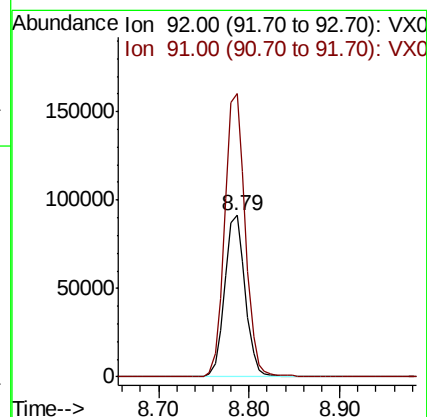
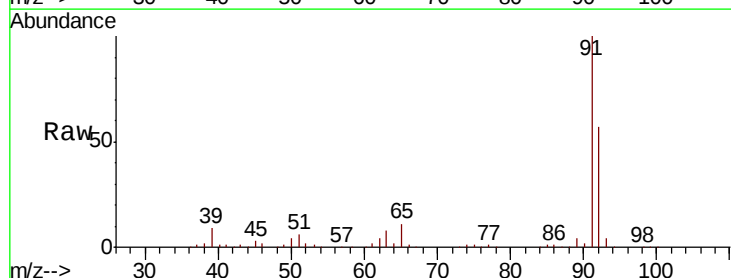
Acq: 16 Nov 2018 08:51

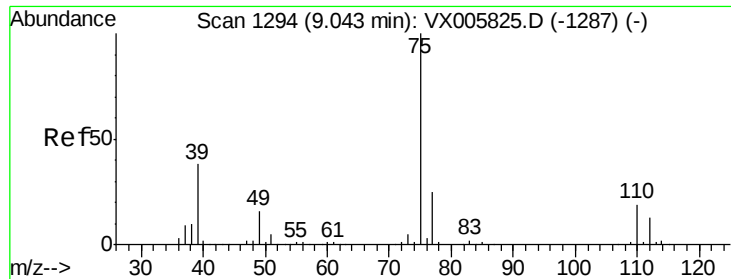
Tgt Ion: 92 Resp: 144547

Ion Ratio Lower Upper

92 100

91 176.1 140.4 210.6





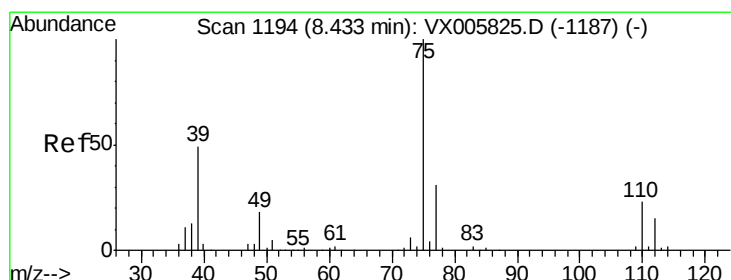
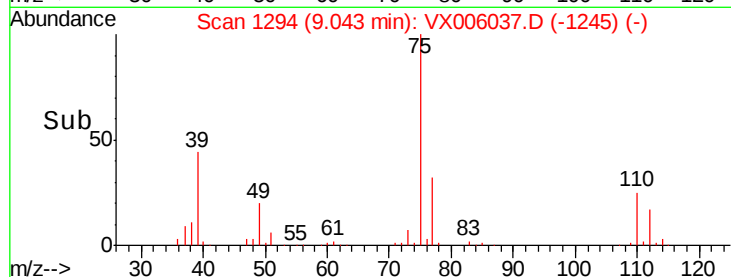
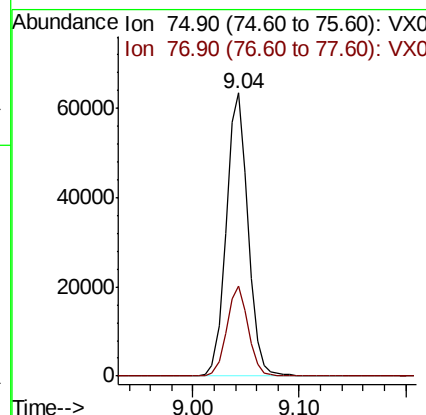
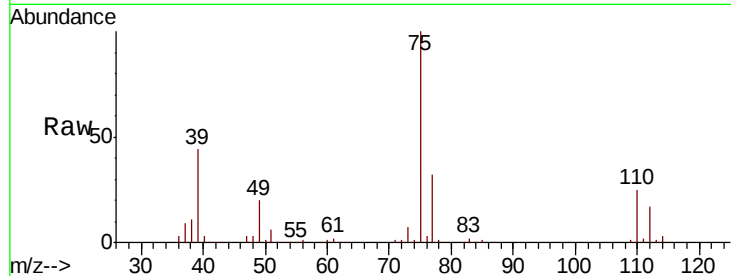
#53
t-1,3-Dichloropropene
Concen: 50.819 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.2

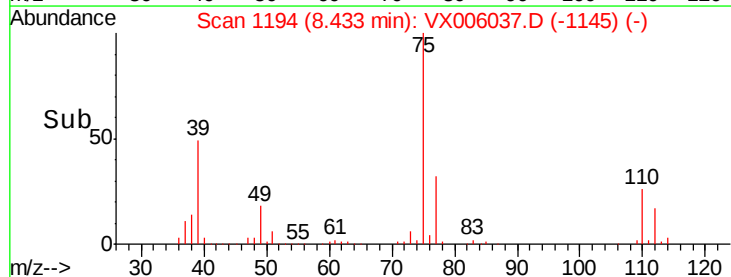
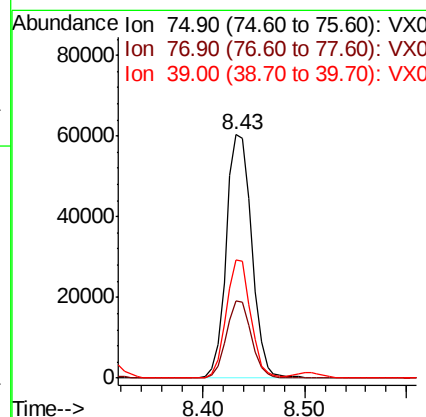
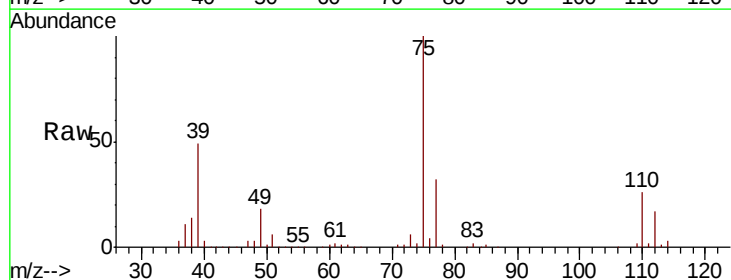
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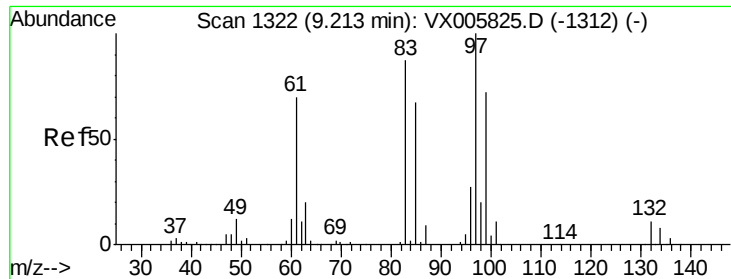
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 57.720 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8
39	48.4	38.2	57.2





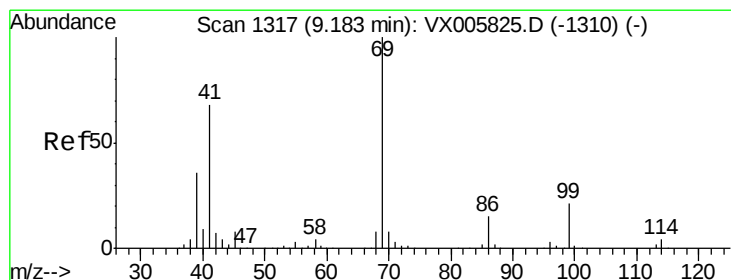
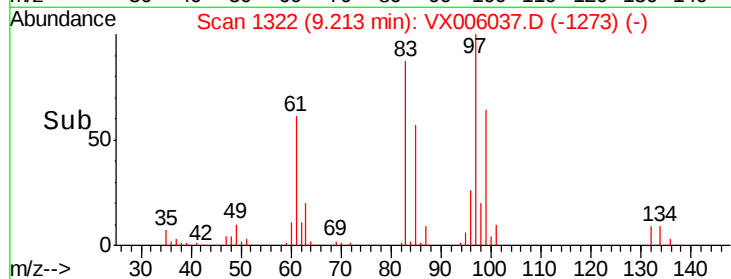
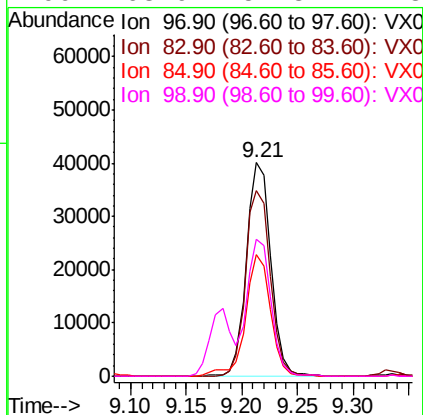
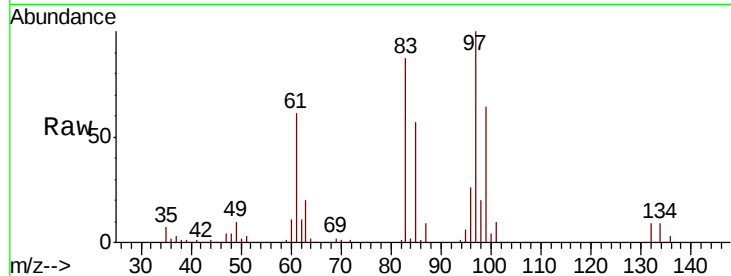
#55
 1,1,2-Trichloroethane
 Concen: 46.982 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.7	106.1
85	57.2	45.8	68.6
99	63.9	51.8	77.8

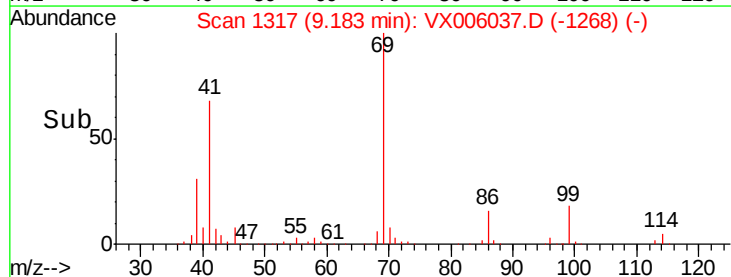
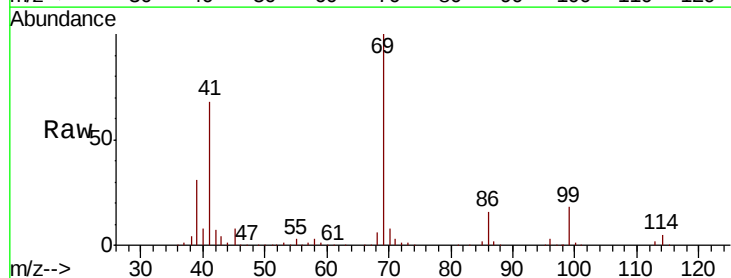
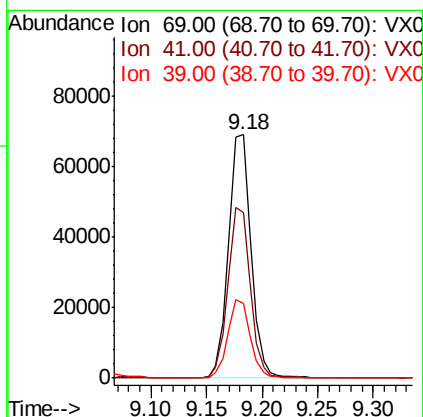
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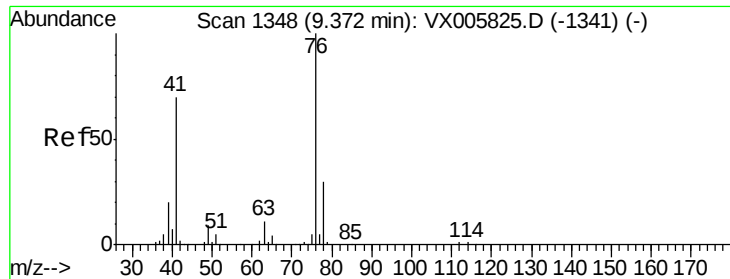
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 11/19/2018 12:23:04 PM



#56
 Ethyl methacrylate
 Concen: 49.802 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.1	57.0	85.6
39	32.7	28.3	42.5





#57

1,3-Dichloropropane

Concen: 52.023 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 114227

Ion Ratio Lower Upper

76 100

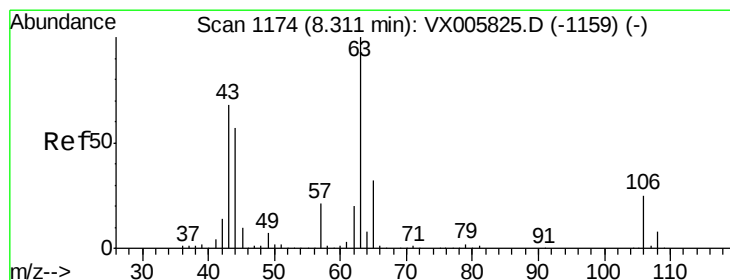
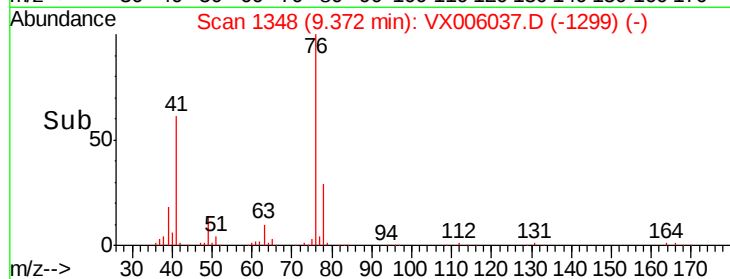
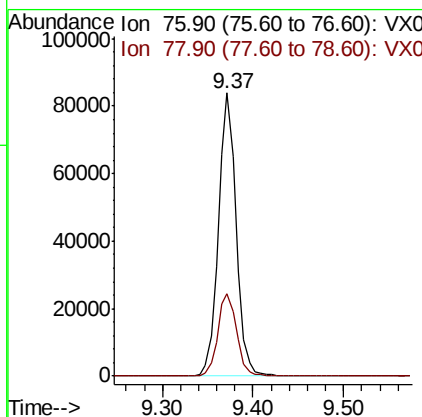
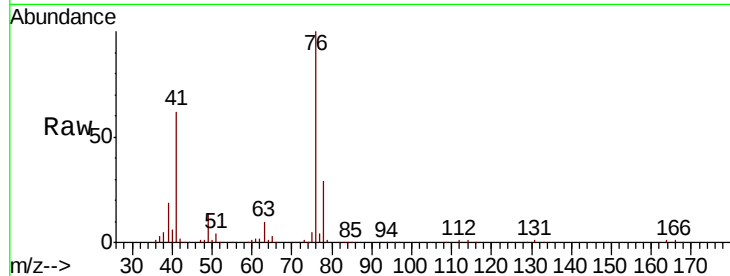
78 31.0 25.3 37.9

Manual Integrations

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11/19/2018 12:23:04 PM



#58

2-Chloroethyl Vinyl ether

Concen: 260.586 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006037.D

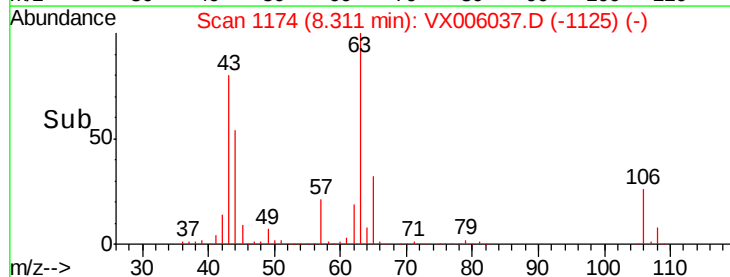
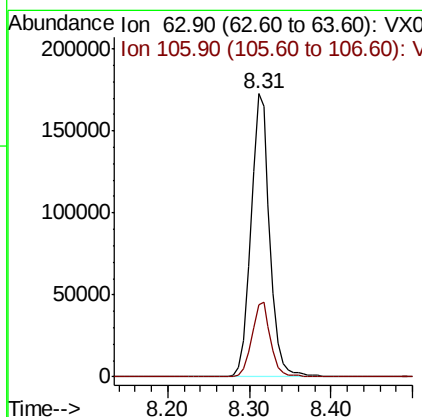
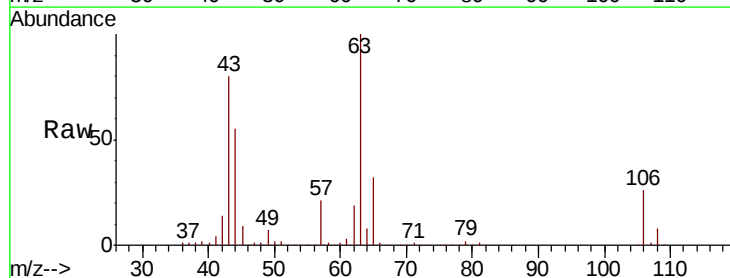
Acq: 16 Nov 2018 08:51

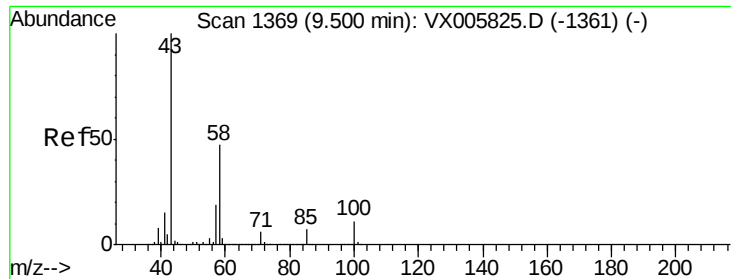
Tgt Ion: 63 Resp: 277983

Ion Ratio Lower Upper

63 100

106 26.5 21.3 31.9





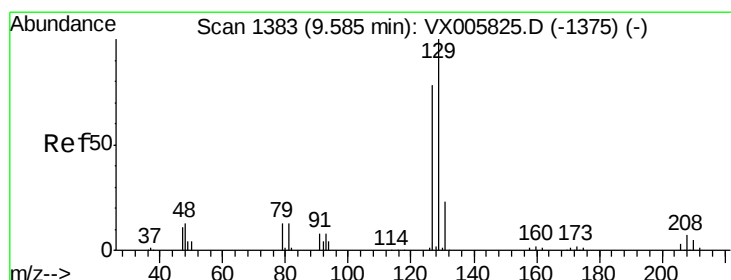
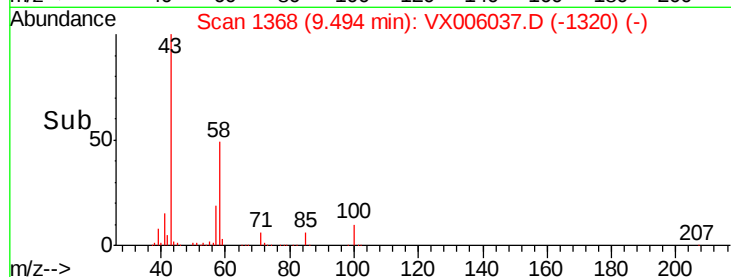
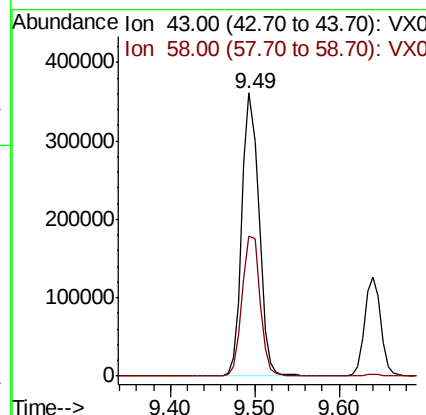
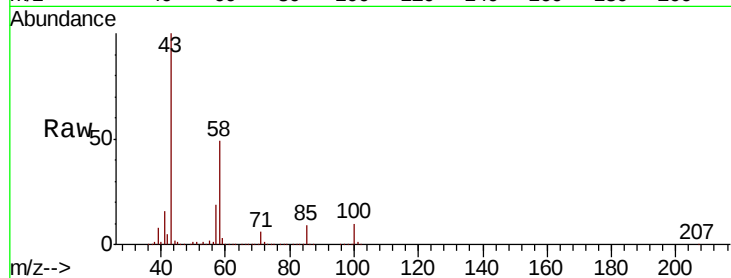
#59
2-Hexanone
Concen: 255.016 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.0	25.9	77.8

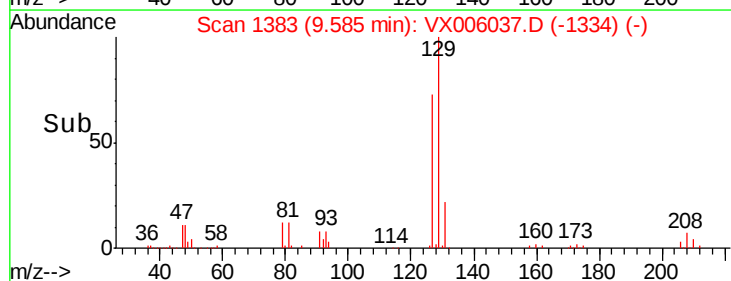
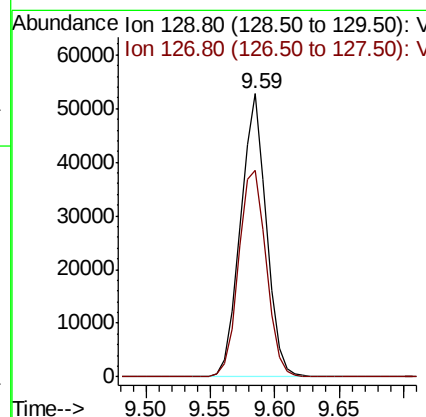
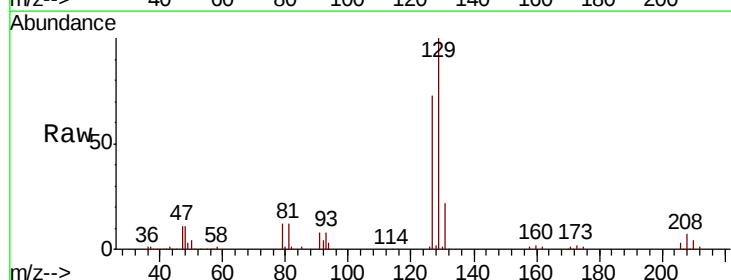
Manual Integrations
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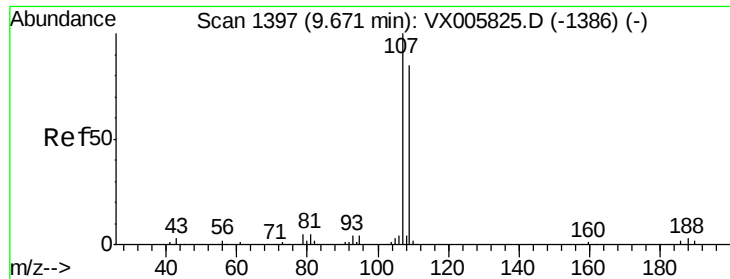
MMDadoda
11/19/2018 12:23:04 PM



#60
Dibromochloromethane
Concen: 51.916 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.9	116.7





#61

1,2-Dibromoethane

Concen: 51.862 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 74930

Ion Ratio Lower Upper

107 100

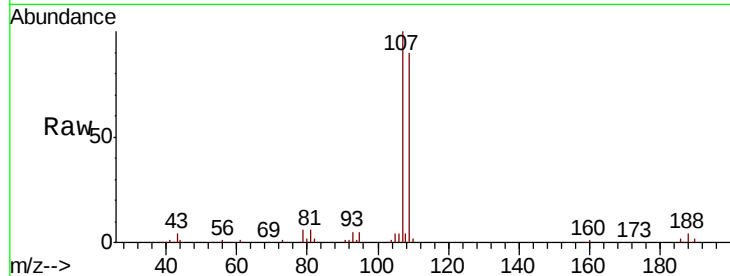
109 94.7 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

50000

40000

30000

20000

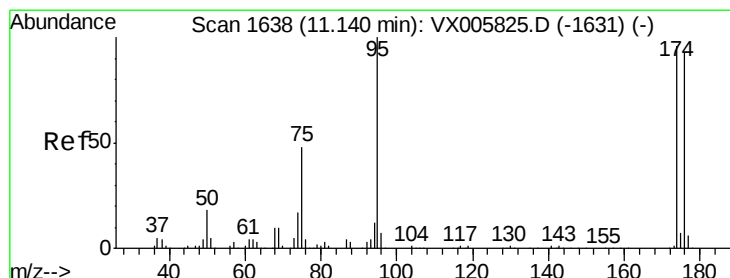
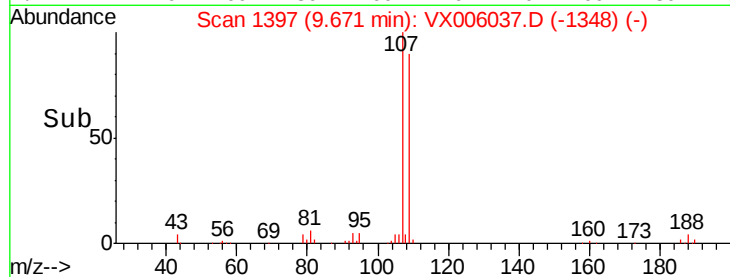
10000

0

9.67

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 61.199 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

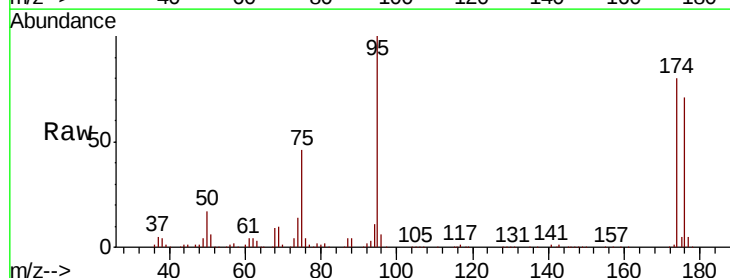
Tgt Ion: 95 Resp: 92867

Ion Ratio Lower Upper

95 100

174 97.1 0.0 184.4

176 89.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

40000

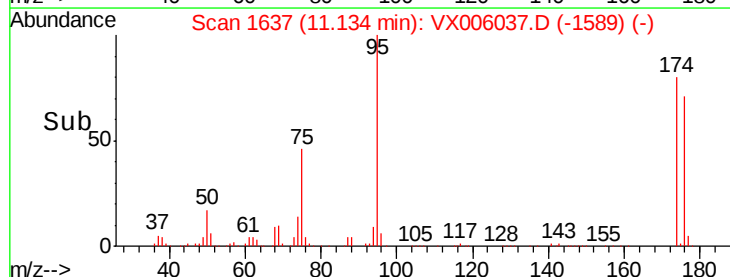
20000

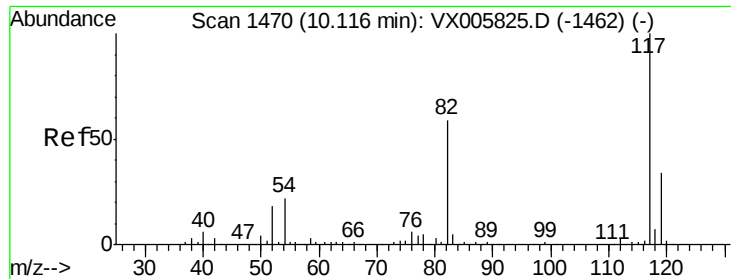
0

11.13

11.10 11.20

Time-->





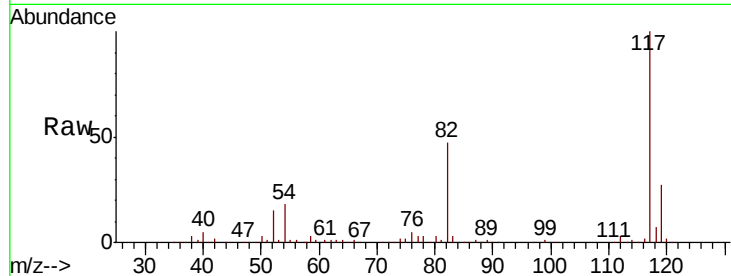
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	46.6	44.1	66.1
119	26.8	26.2	39.2

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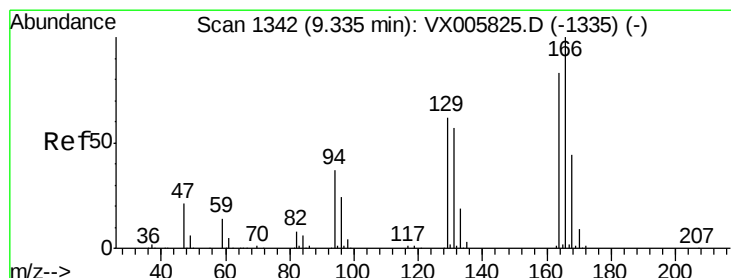
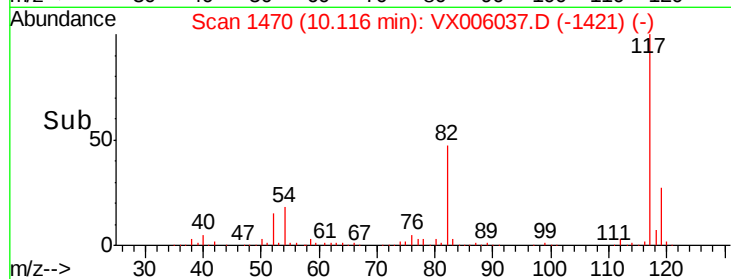
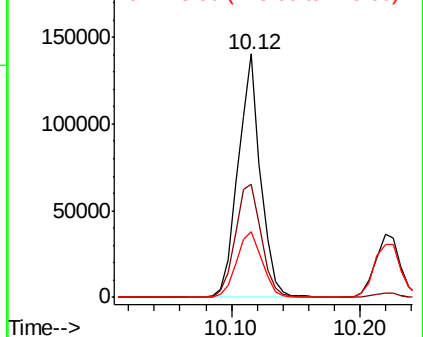


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 46.011 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	101.9	152.9
129	101.2	72.6	109.0
131	87.2	71.1	106.7

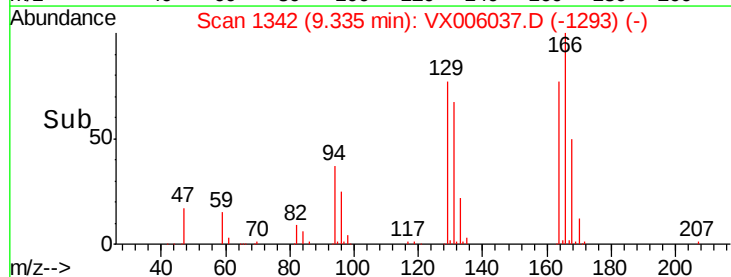
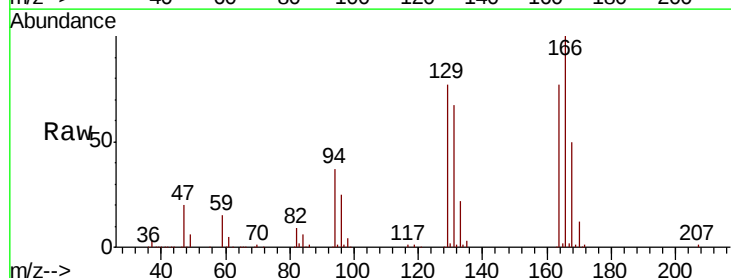
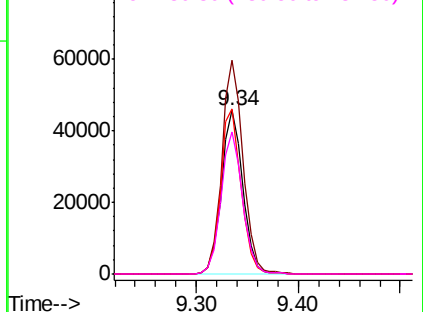
Abundance

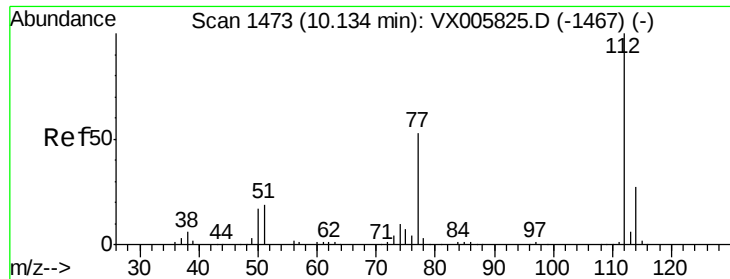
Ion 163.80 (163.50 to 164.50): V

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





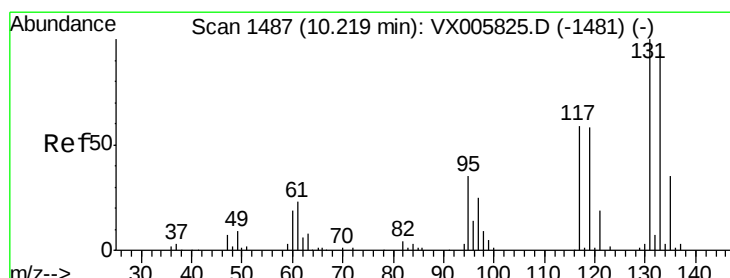
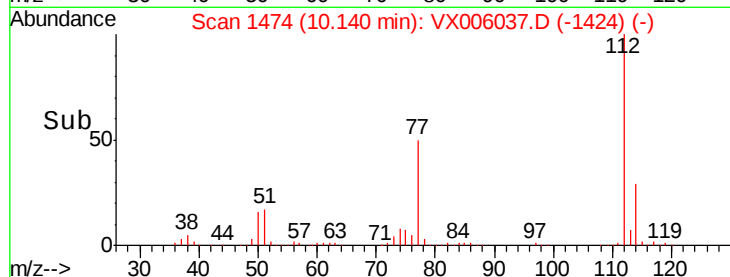
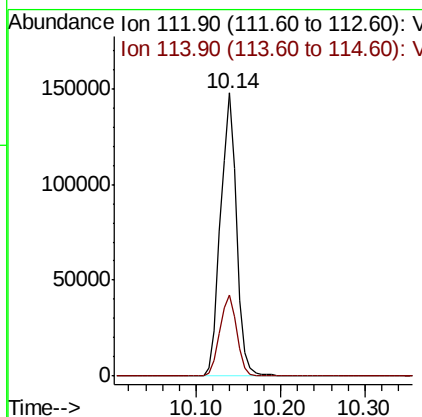
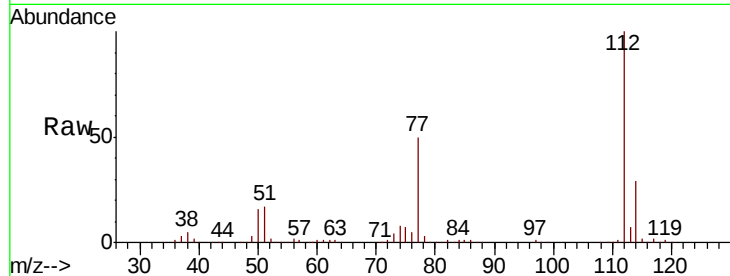
#65
Chlorobenzene
Concen: 57.370 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 195425
Ion Ratio Lower Upper
112 100
114 28.8 25.8 38.6

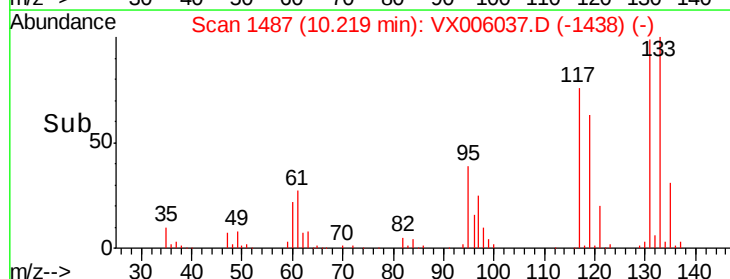
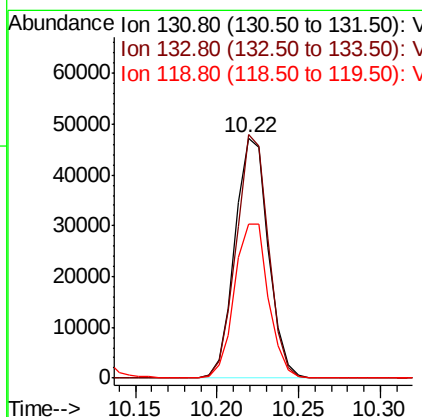
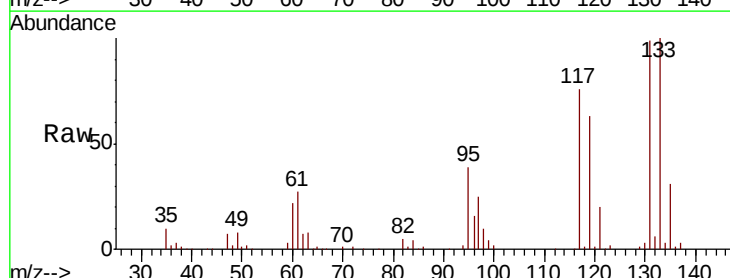
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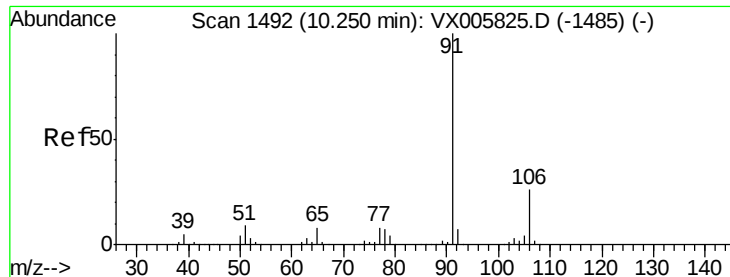
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.885 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion:131 Resp: 67367
Ion Ratio Lower Upper
131 100
133 97.8 47.5 142.5
119 65.2 31.8 95.3





#67

Ethyl Benzene

Concen: 56.076 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 306302

Ion Ratio Lower Upper

91 100

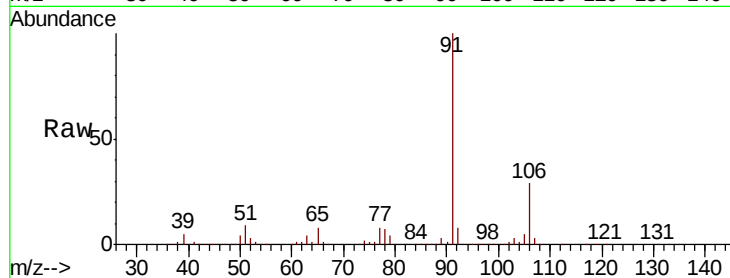
106 28.8 24.4 36.6

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Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005825.D (-1485) (-)

400000

300000

200000

100000

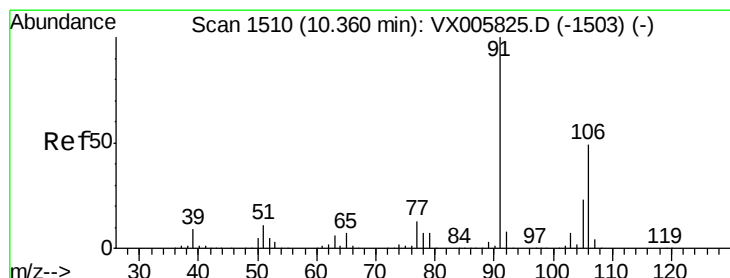
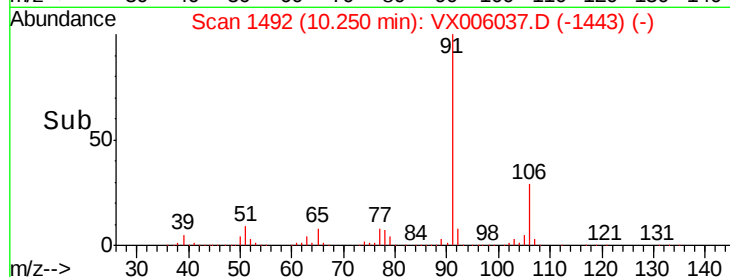
0

10.20

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 108.412 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006037.D

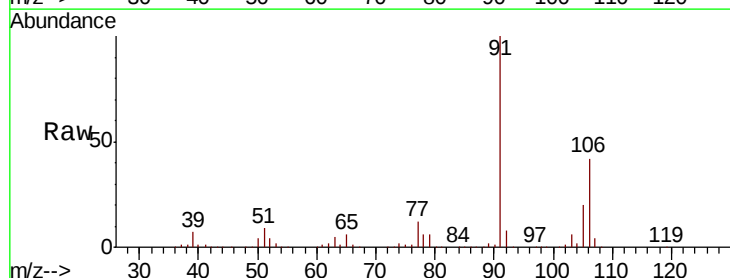
Acq: 16 Nov 2018 08:51

Tgt Ion: 106 Resp: 225880

Ion Ratio Lower Upper

106 100

91 218.7 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1503) (-)

400000

300000

200000

100000

0

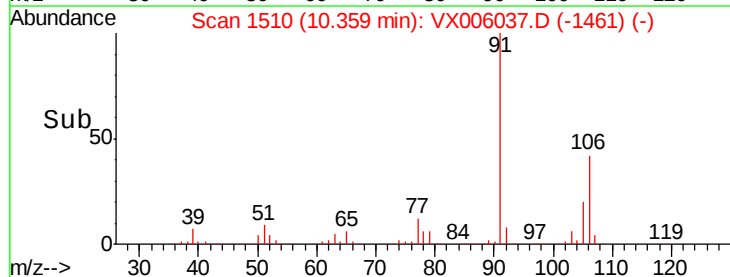
10.30

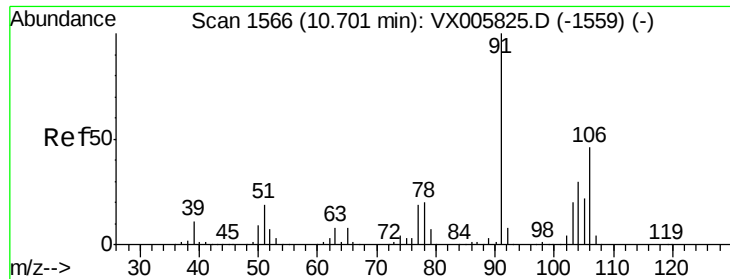
10.36

10.40

10.50

Time-->





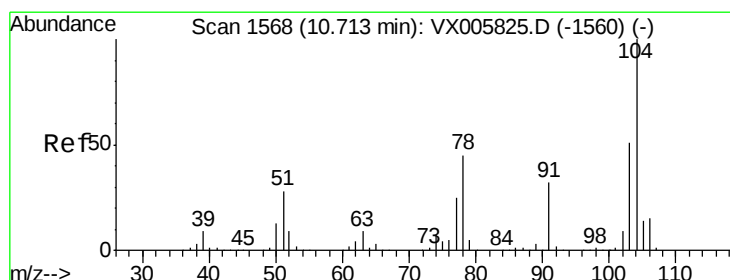
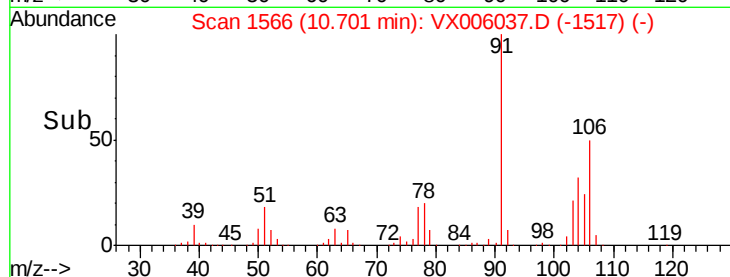
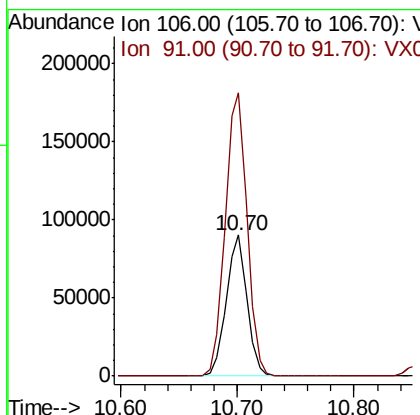
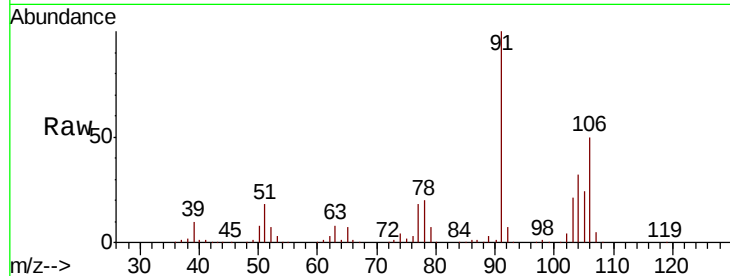
#69
o-Xylene
Concen: 59.246 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 110689
Ion Ratio Lower Upper
106 100
91 212.1 108.5 325.5

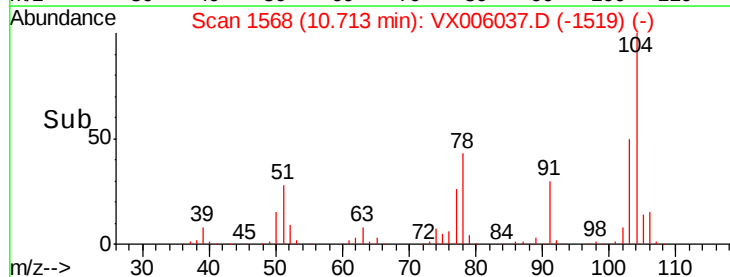
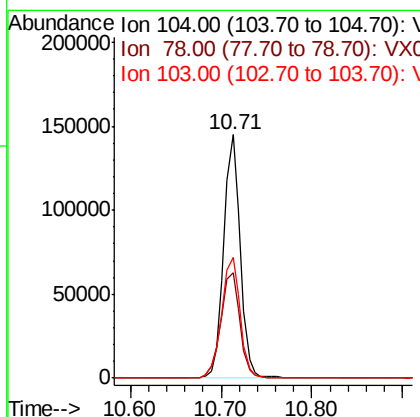
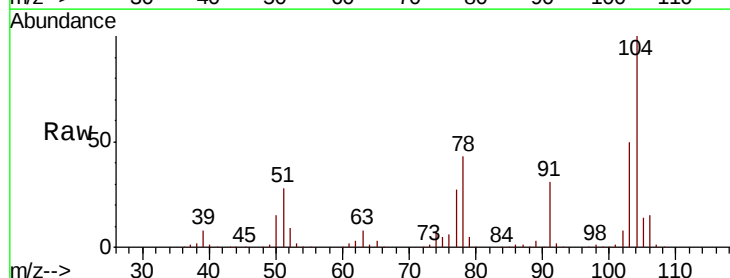
Manual Integrations
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#70
Styrene
Concen: 59.877 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion:104 Resp: 184540
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.4
103 55.6 44.9 67.3





#71

Bromoform

Concen: 56.431 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 56022

Ion Ratio Lower Upper

173 100

175 49.8 24.8 74.3

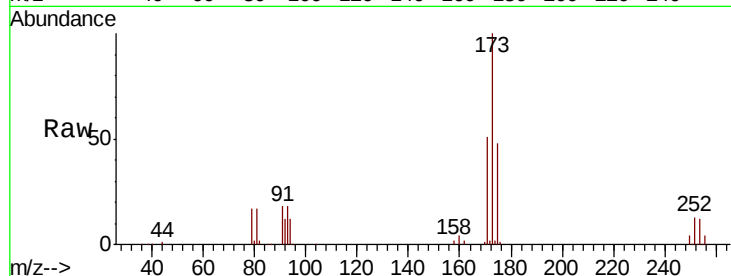
254 0.1 0.2 0.2#

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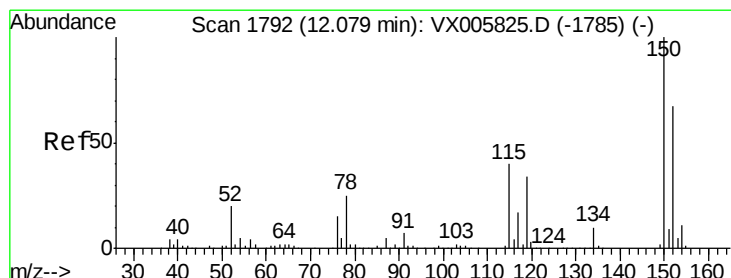
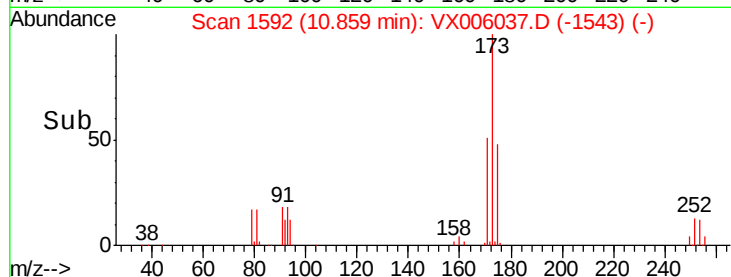
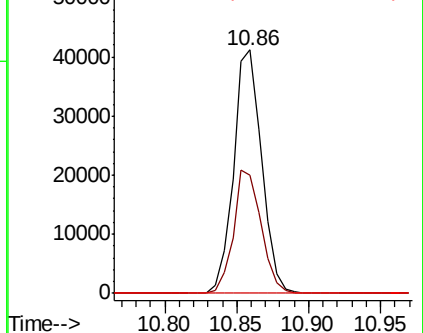
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

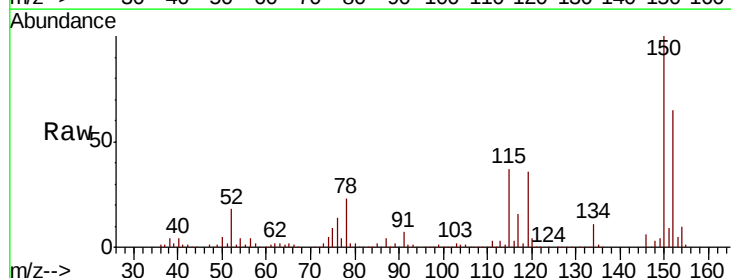
Tgt Ion:152 Resp: 115161

Ion Ratio Lower Upper

152 100

115 77.0 39.4 118.1

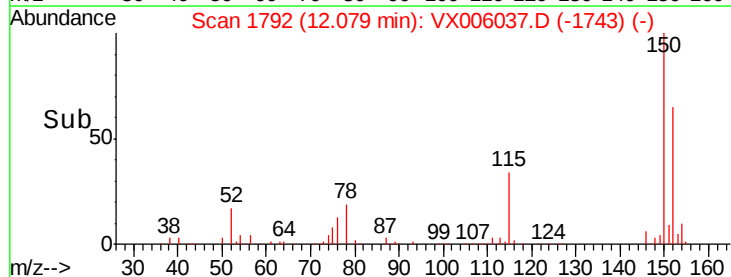
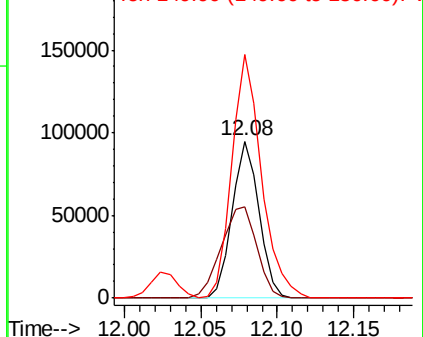
150 171.9 0.0 346.4

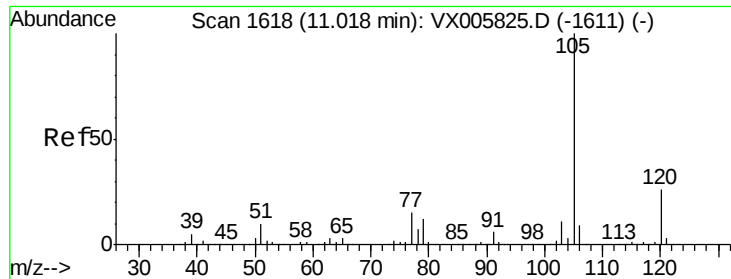


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





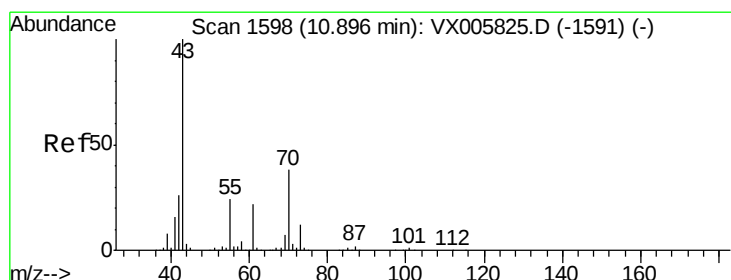
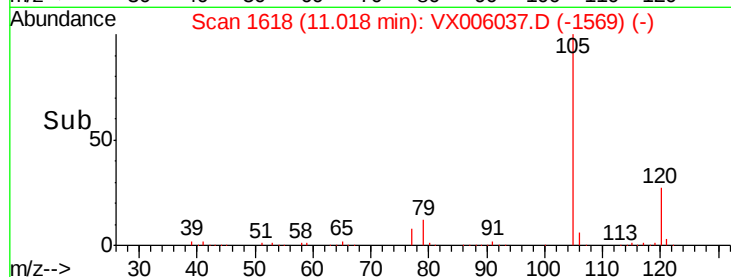
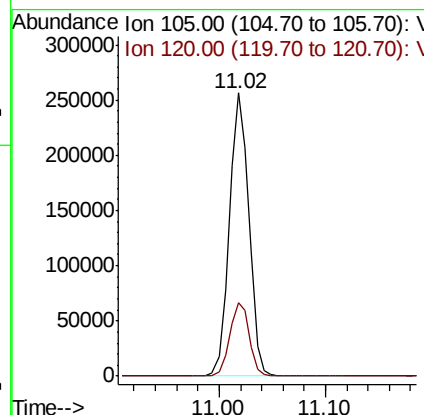
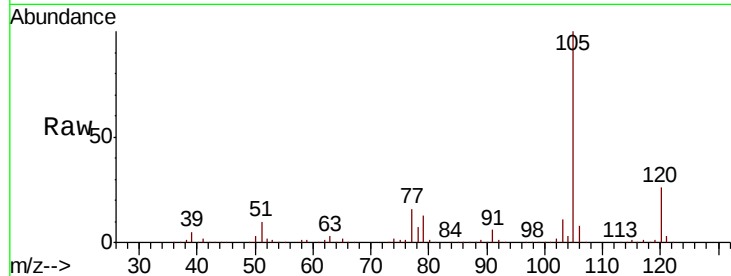
#73
Isopropylbenzene
Concen: 49.326 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.1	39.3

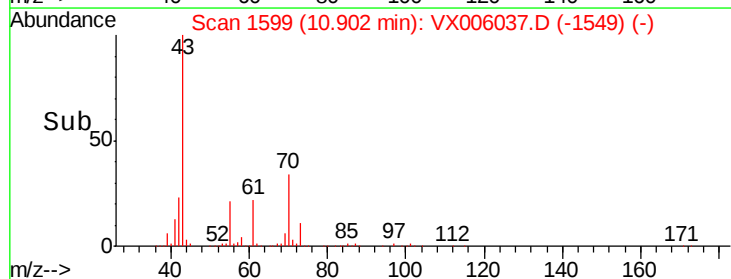
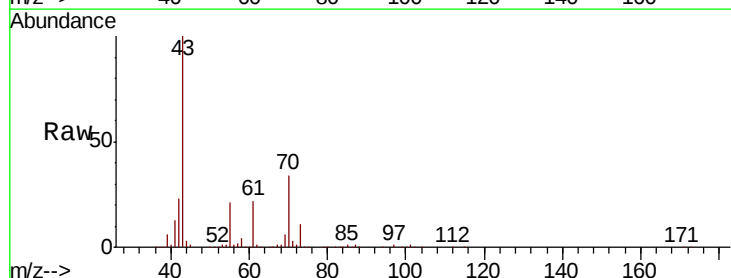
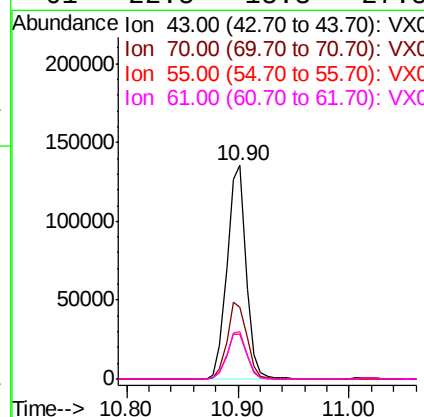
Manual Integrations
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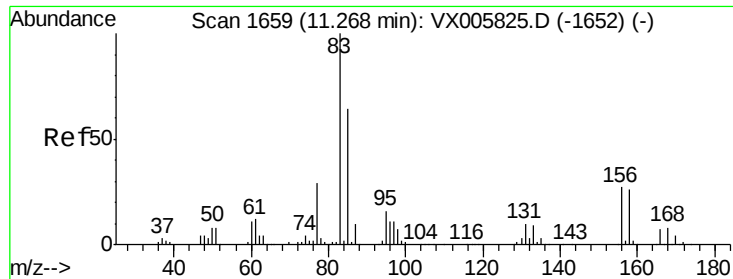
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#74
N-ethyl acetate
Concen: 43.189 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.1	31.6	47.4
55	22.5	19.7	29.5
61	22.5	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.317 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

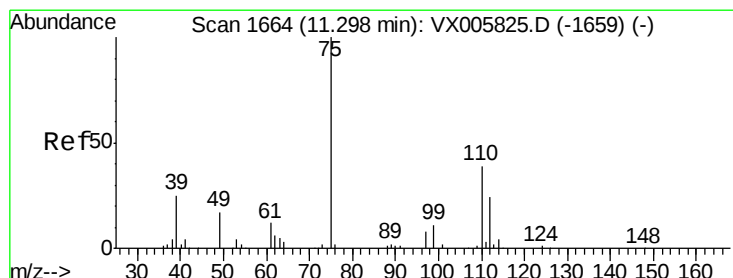
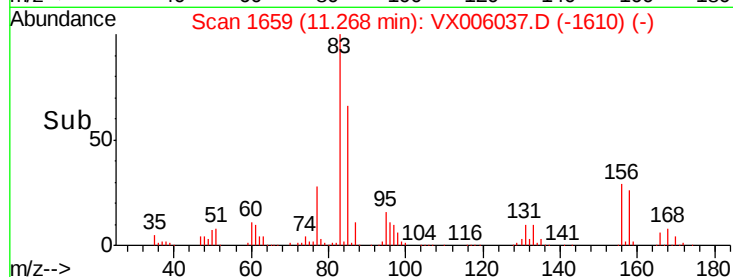
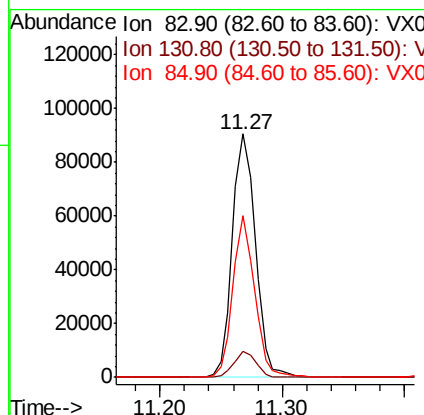
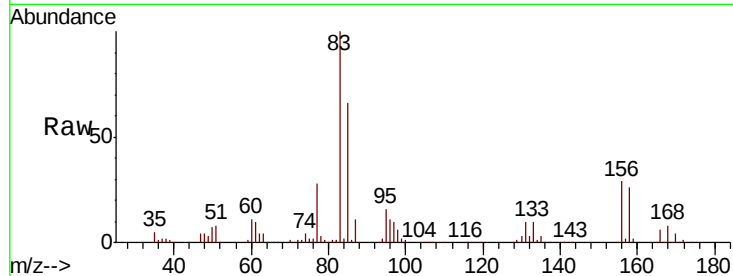
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	118106
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.9
85	62.3	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.556 ug/l m

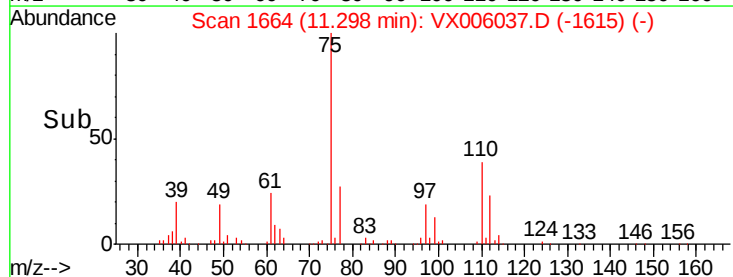
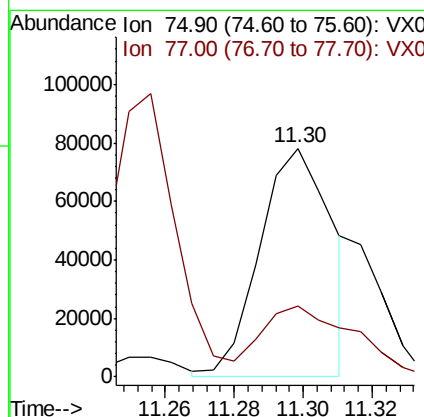
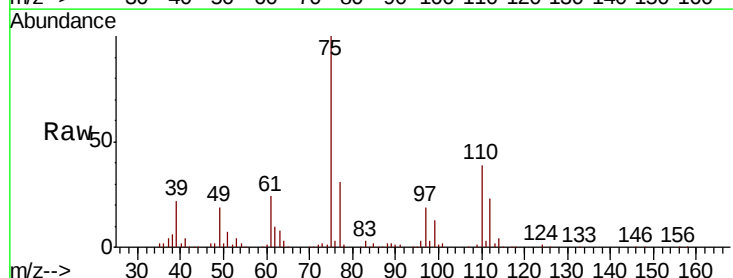
RT: 11.30 min Scan# 1664

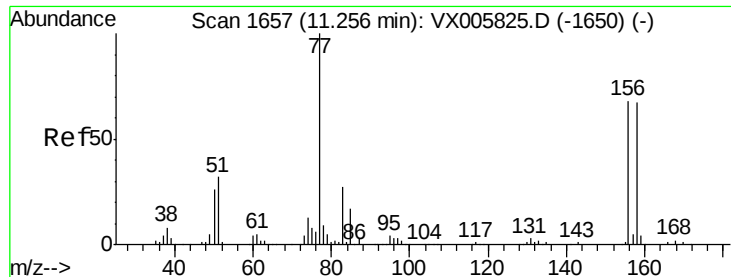
Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Tgt Ion:	75	Resp:	113860
Ion Ratio	Lower	Upper	
75	100		
77	39.4	20.5	61.6





#77

Bromobenzene

Concen: 45.636 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 85663

Ion Ratio Lower Upper

156 100

77 149.0 74.8 224.4

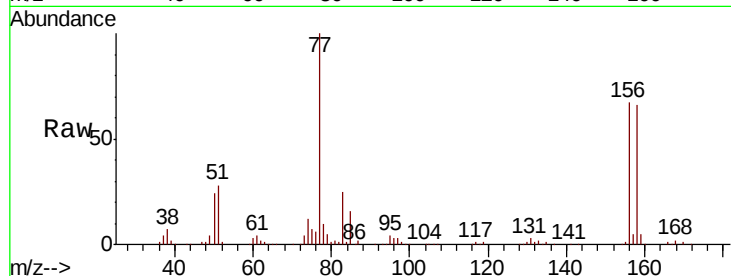
158 100.9 49.1 147.3

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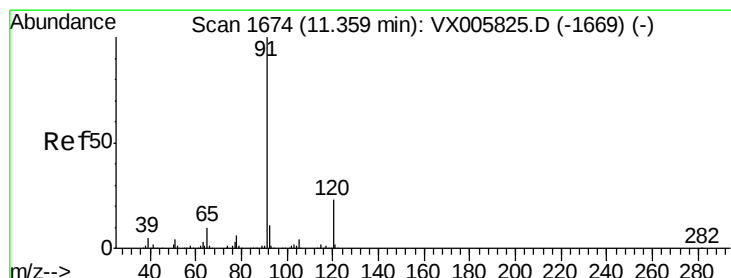
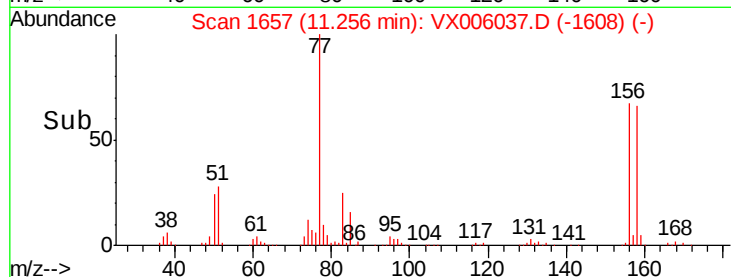
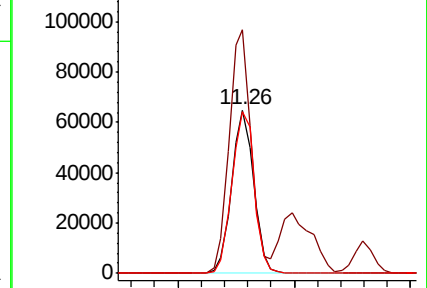
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.487 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006037.D

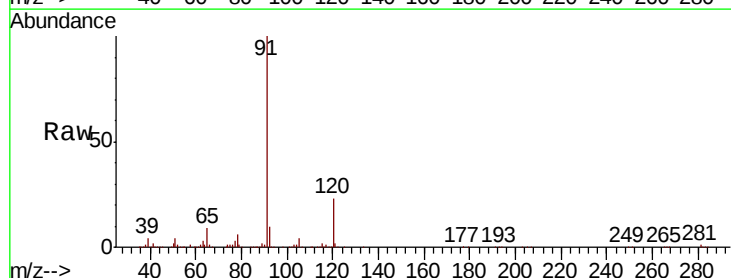
Acq: 16 Nov 2018 08:51

Tgt Ion: 91 Resp: 404103

Ion Ratio Lower Upper

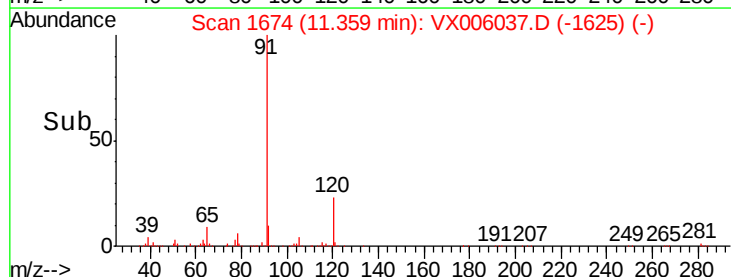
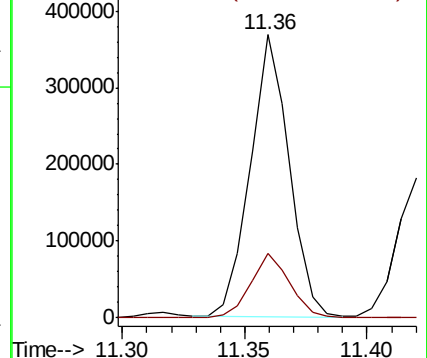
91 100

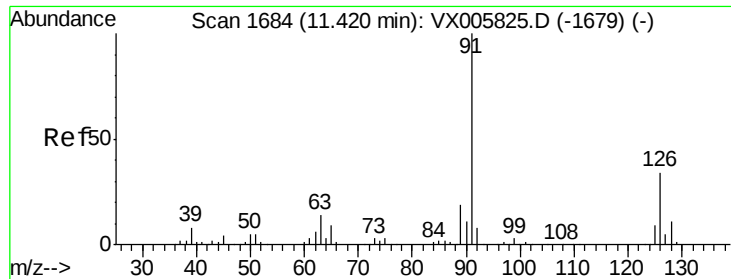
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





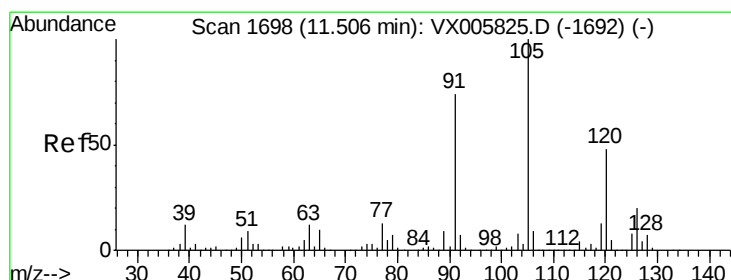
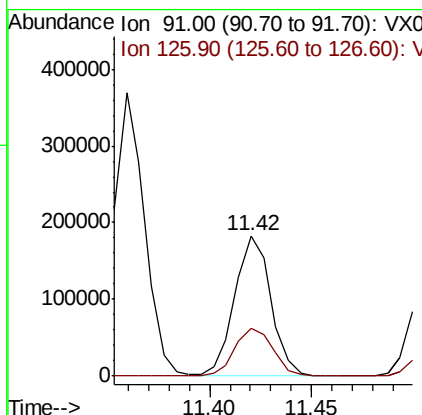
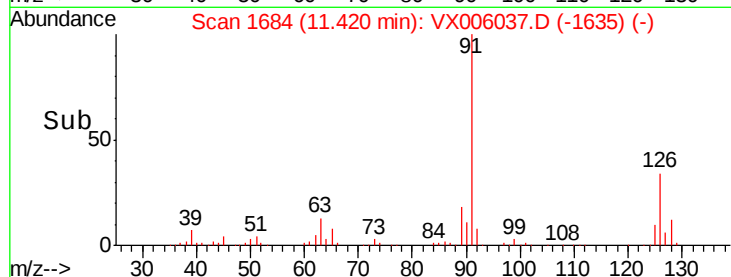
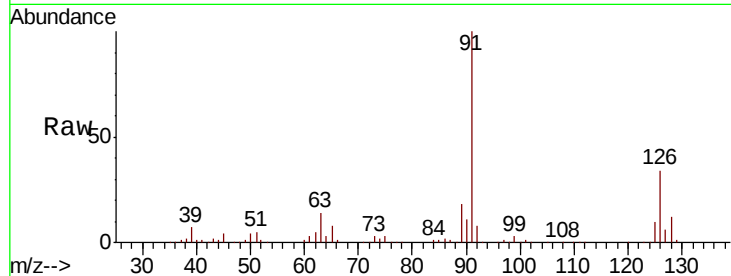
#79
 2-Chlorotoluene
 Concen: 46.826 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 222142
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.3 52.0

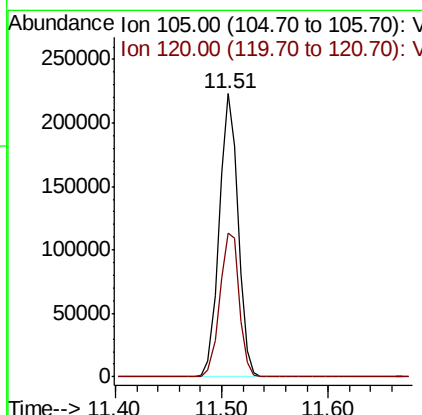
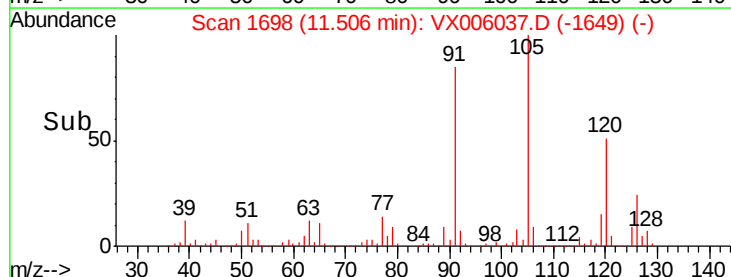
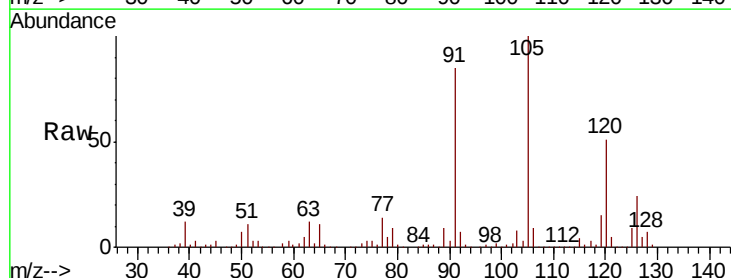
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.582 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion: 105 Resp: 274938
 Ion Ratio Lower Upper
 105 100
 120 52.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.845 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

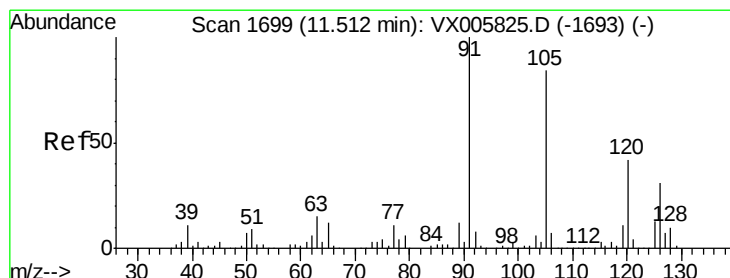
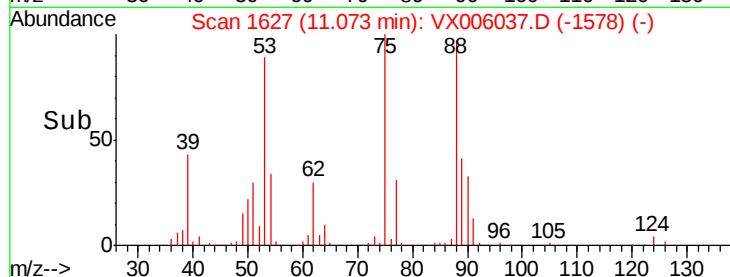
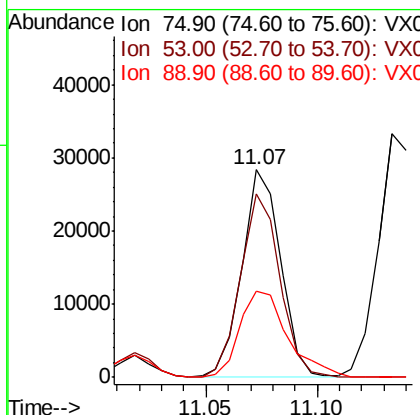
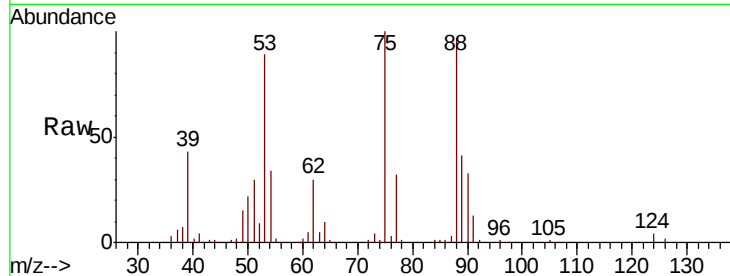
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	34466
Ion	Ratio	Lower	Upper
75	100		
53	90.4	80.2	120.2
89	51.6	39.8	59.8

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#82

4-Chlorotoluene

Concen: 50.627 ug/l

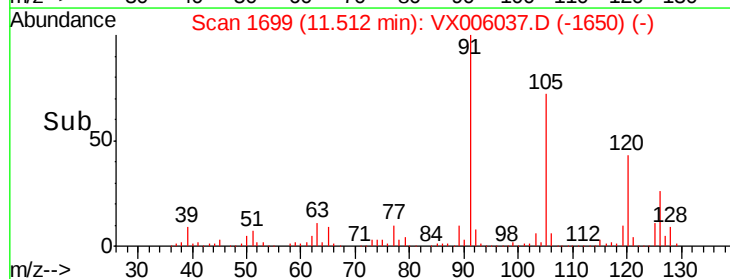
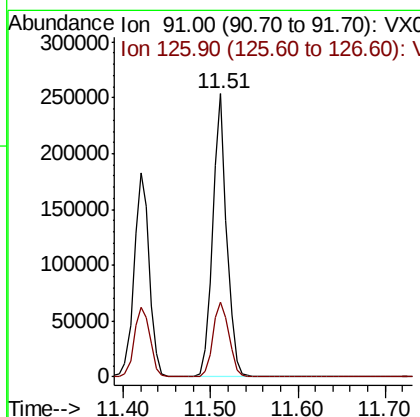
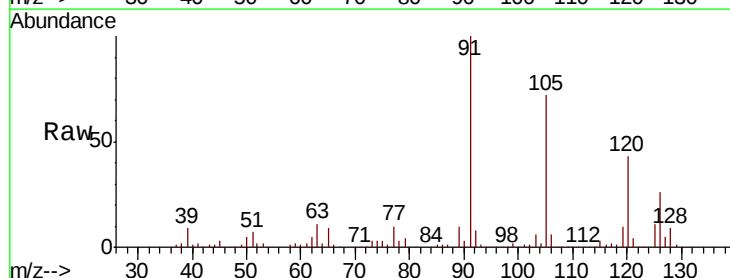
RT: 11.51 min Scan# 1699

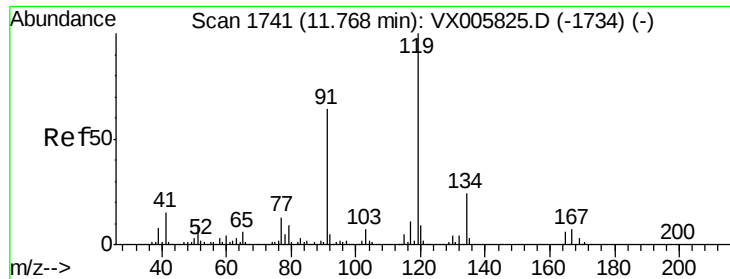
Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Tgt Ion:	91	Resp:	283050
Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.2	45.6





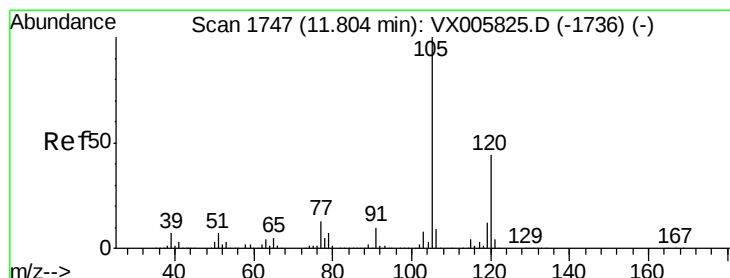
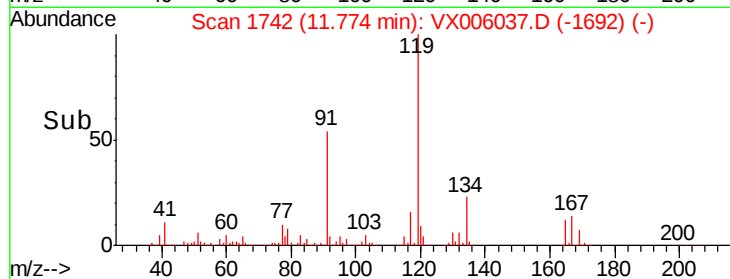
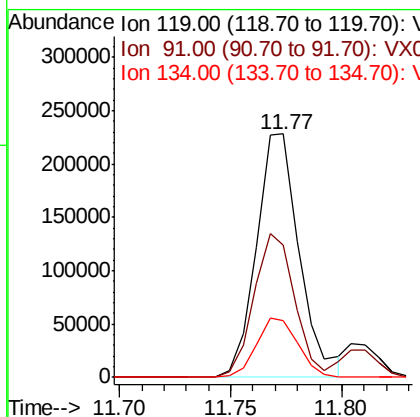
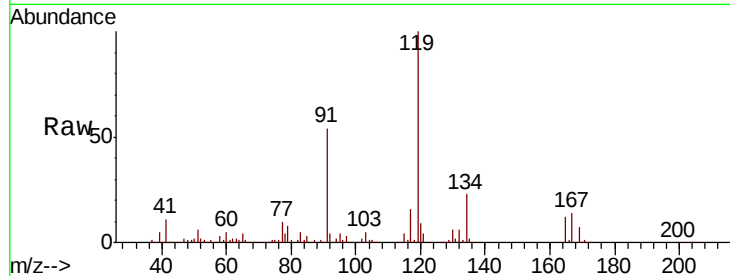
#83
 tert-Butylbenzene
 Concen: 53.688 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	307383		
91	55.9	28.5	85.5	
134	23.6	11.3	33.8	

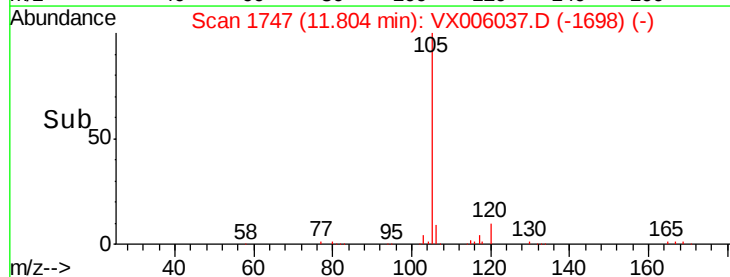
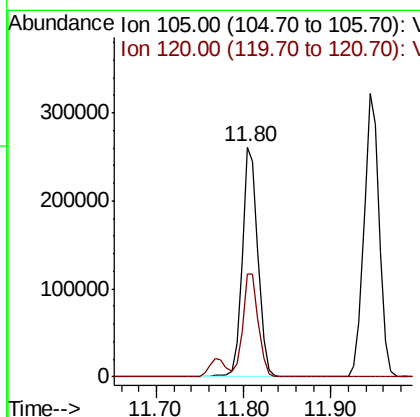
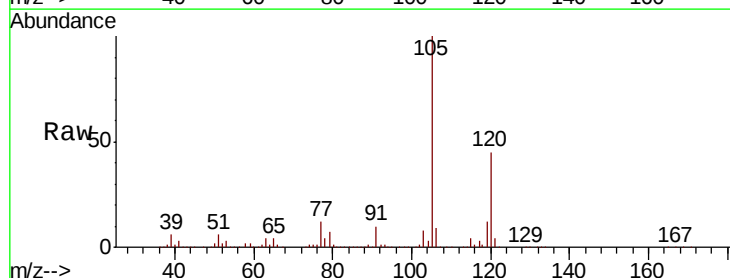
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.890 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	324052		
120	44.4	22.4	67.0	





#85

sec-Butylbenzene

Concen: 55.904 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 391398

Ion Ratio Lower Upper

105 100

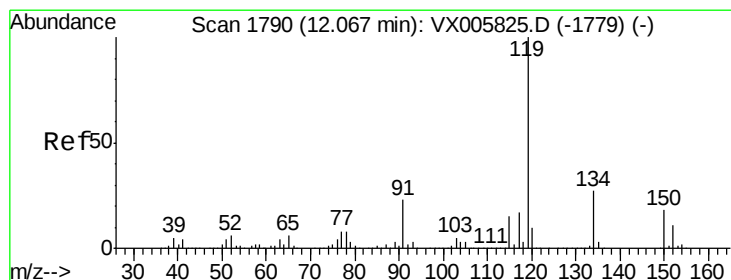
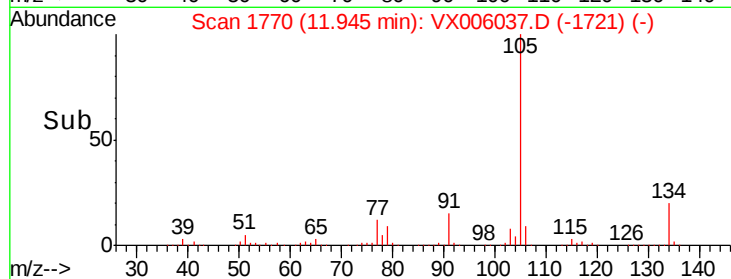
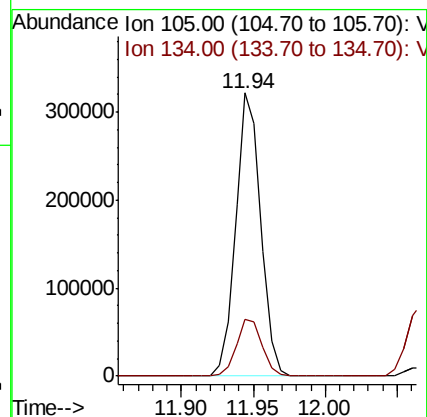
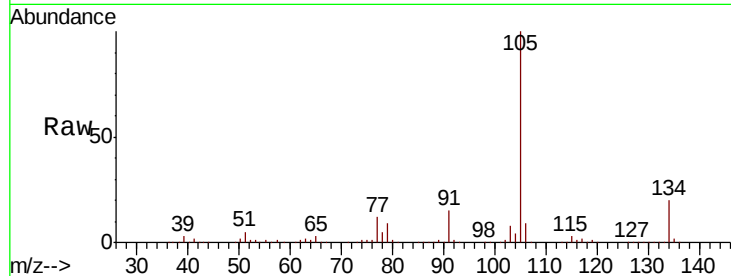
134 20.6 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 57.210 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

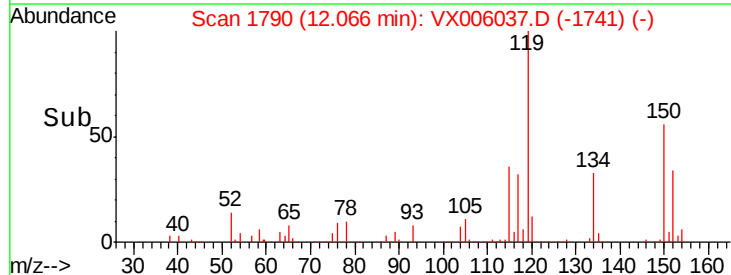
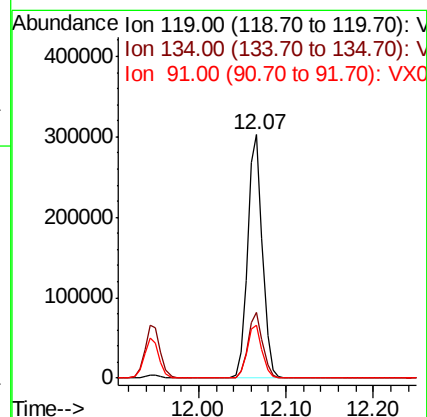
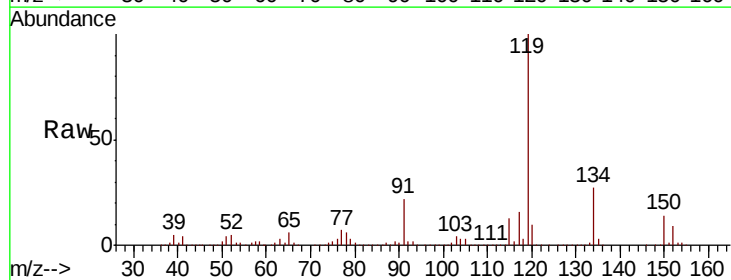
Tgt Ion:119 Resp: 354790

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

91 22.1 11.4 34.2





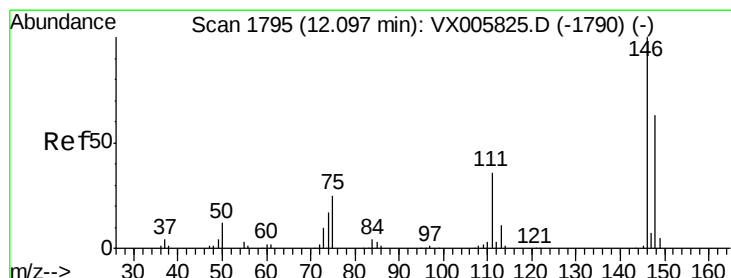
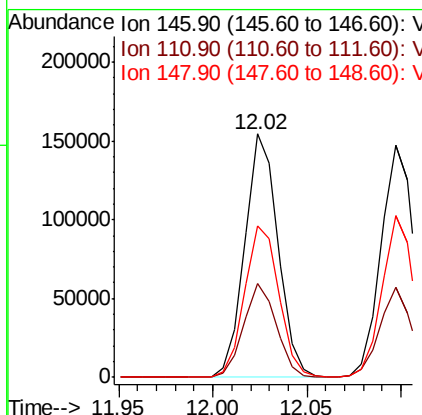
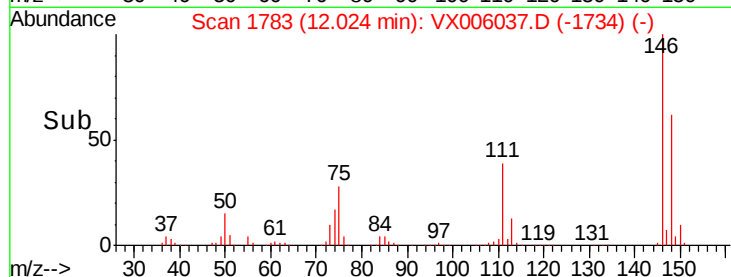
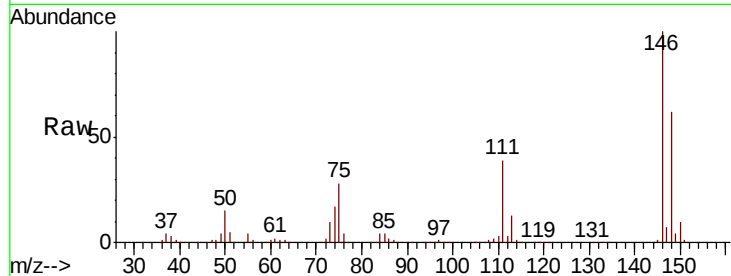
#87
 1,3-Dichlorobenzene
 Concen: 52.647 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.0	31.9	95.9

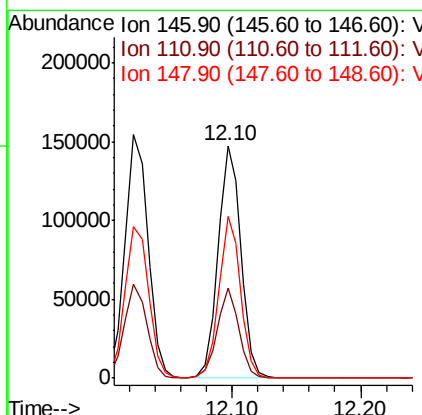
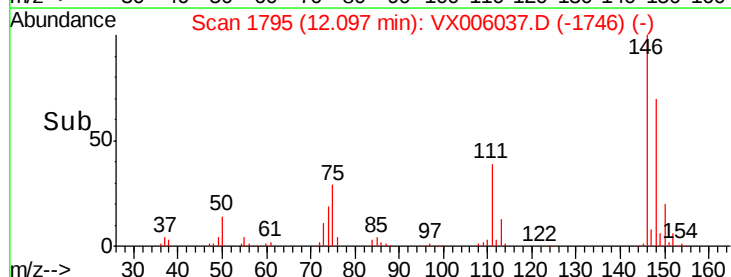
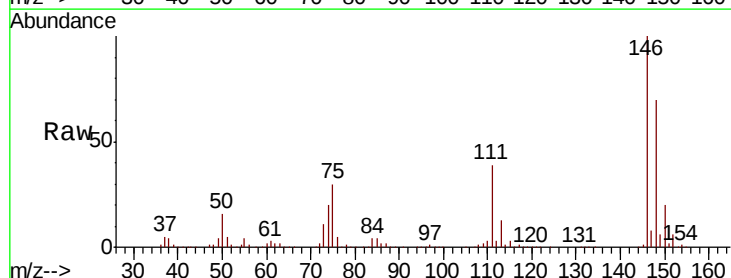
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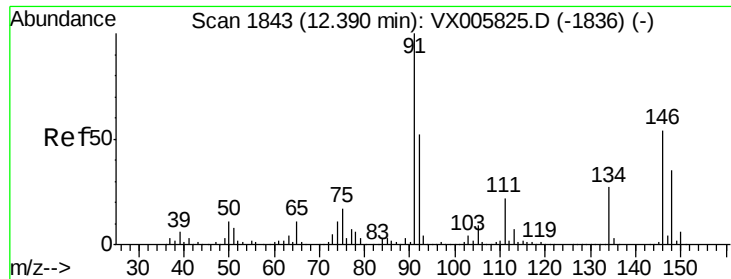
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#88
 1,4-Dichlorobenzene
 Concen: 50.058 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	66.0	32.1	96.3





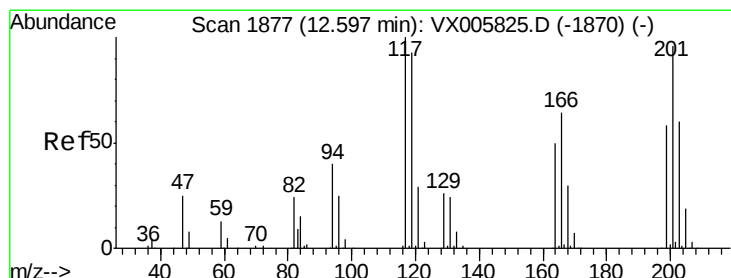
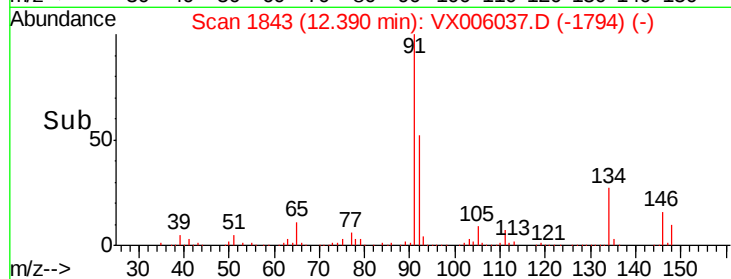
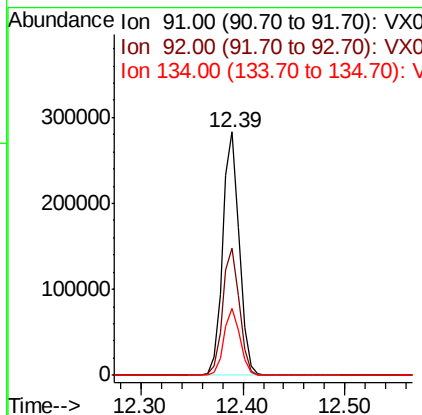
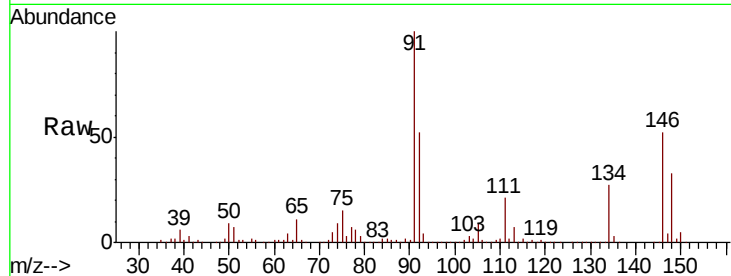
#89
n-Butylbenzene
Concen: 55.813 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.1	78.2
134	26.8	13.1	39.3

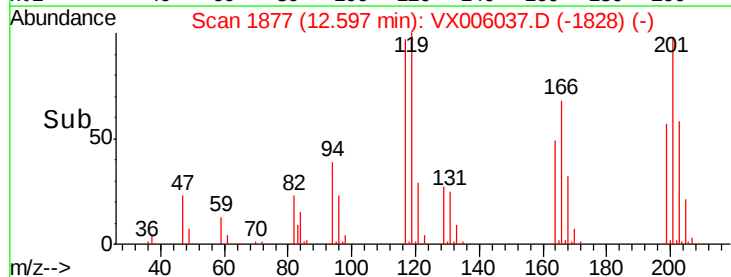
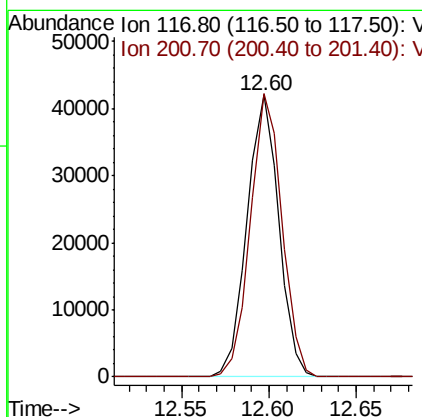
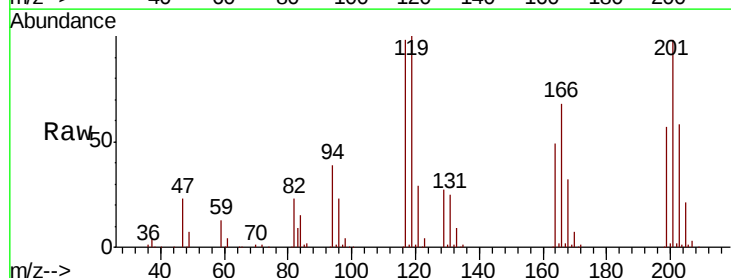
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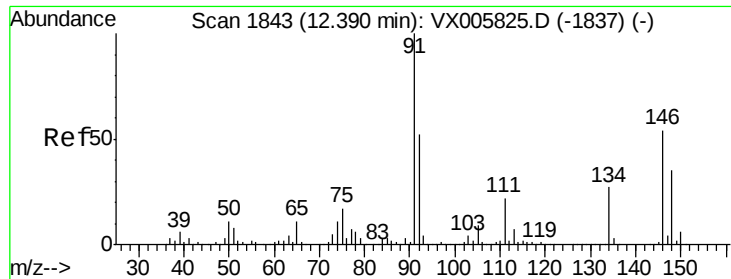
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#90
Hexachloroethane
Concen: 51.070 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.5	47.9	143.6





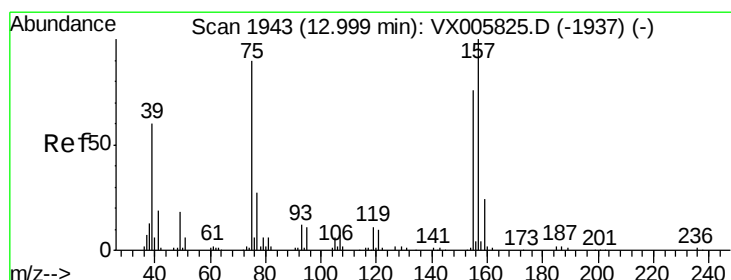
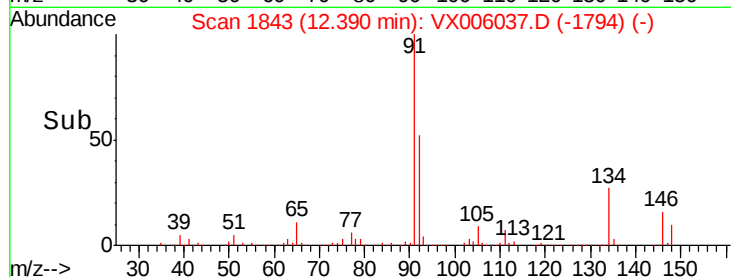
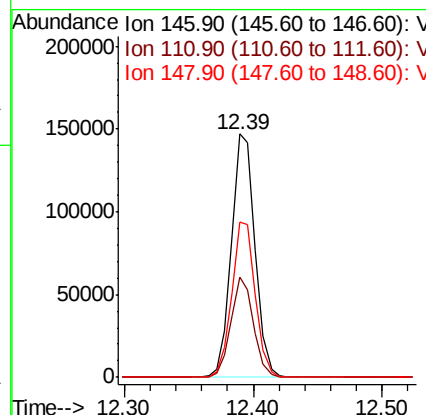
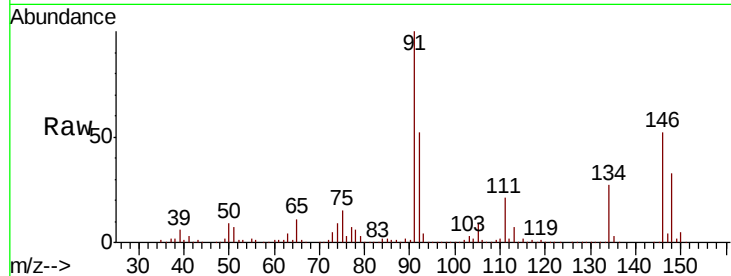
#91
 1,2-Dichlorobenzene
 Concen: 52.399 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	59.9
148	63.7	32.2	96.6

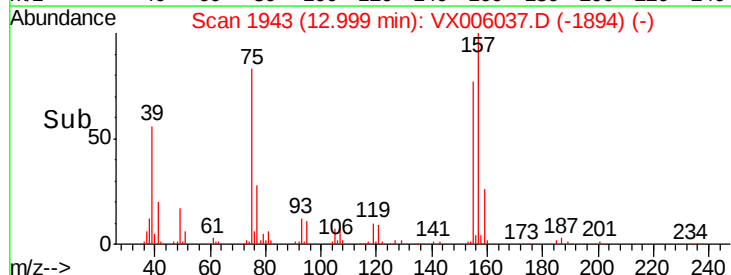
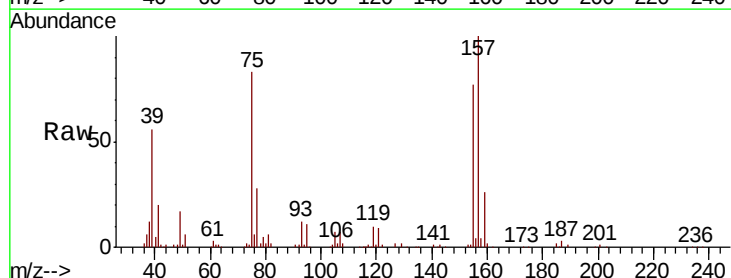
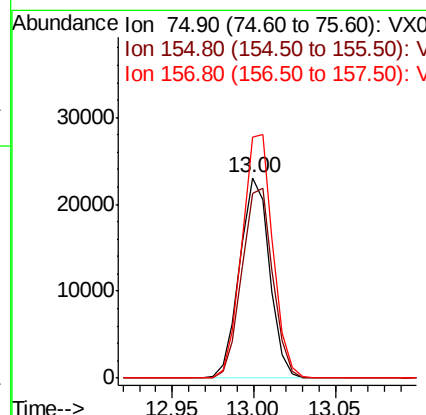
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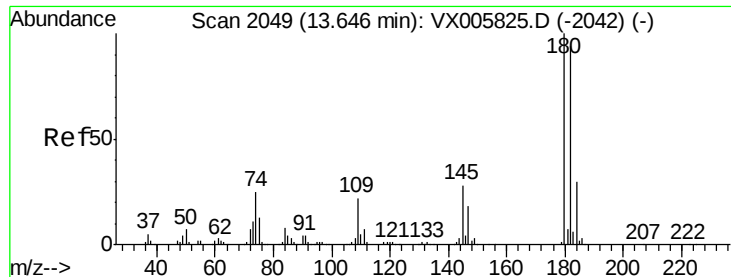
MMDadoda
 11/19/2018 12:23:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.526 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	45.4	136.1
157	124.9	57.4	172.0





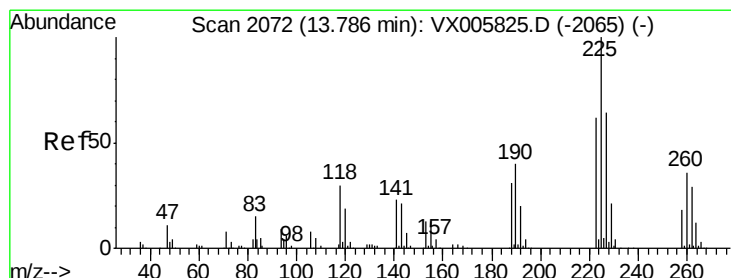
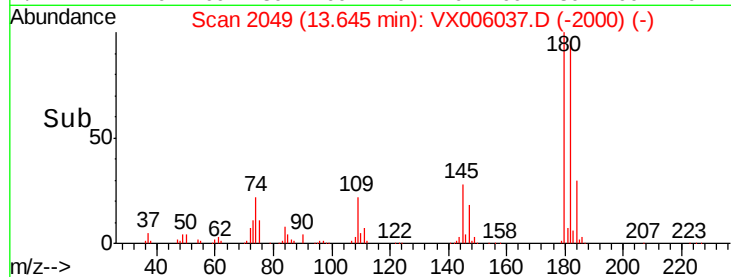
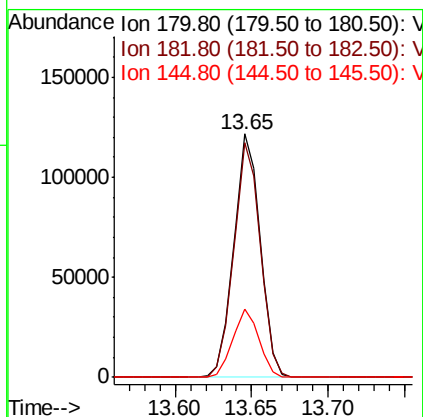
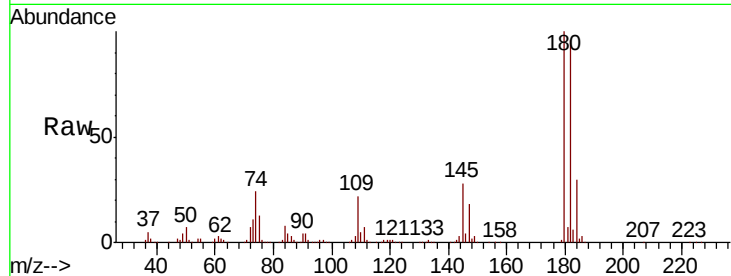
#93
 1,2,4-Trichlorobenzene
 Concen: 57.257 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	145462
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.6	142.8
145	27.7	14.1	42.2

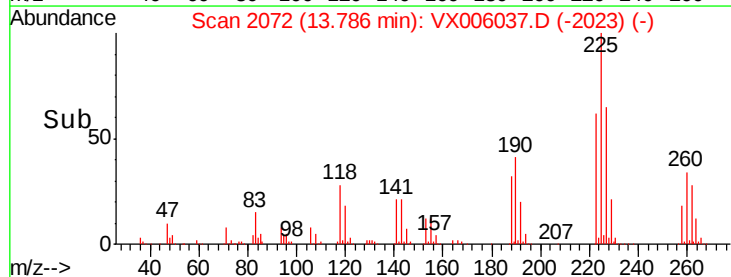
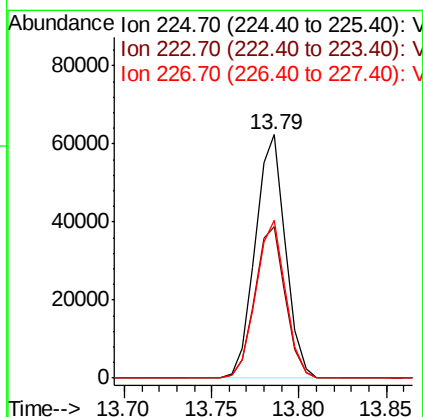
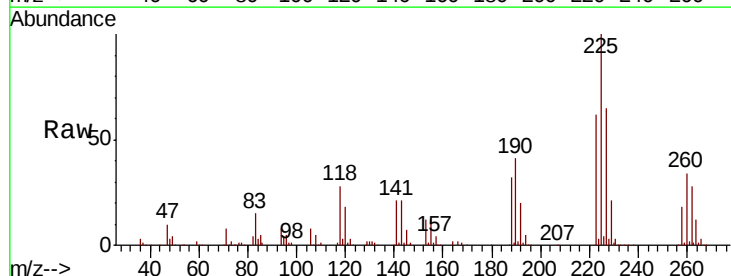
Manual Integrations
 APPROVED

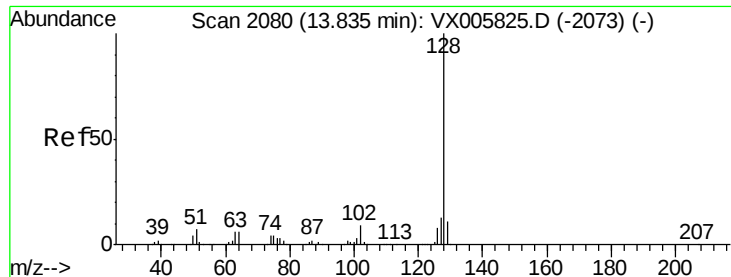
MMDadoda
 11/19/2018 12:23:04 PM



#94
 Hexachlorobutadiene
 Concen: 56.443 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion:	225	Resp:	75323
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.7	95.1
227	63.9	32.3	96.9





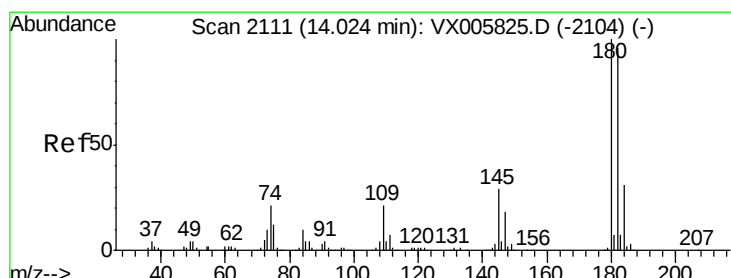
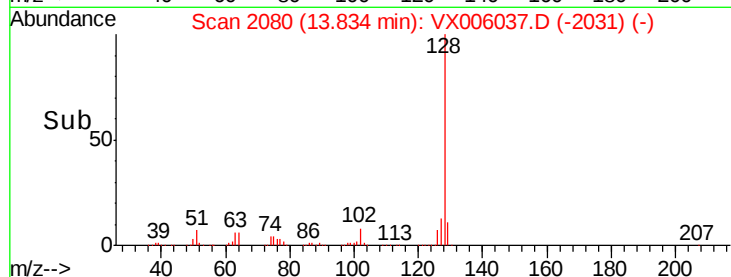
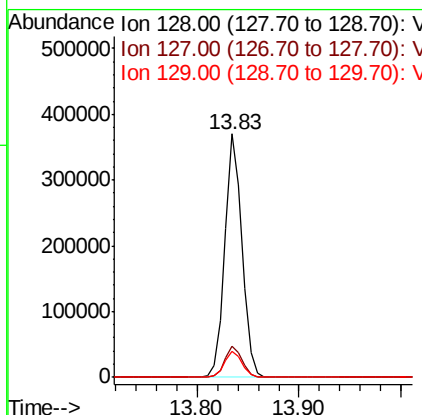
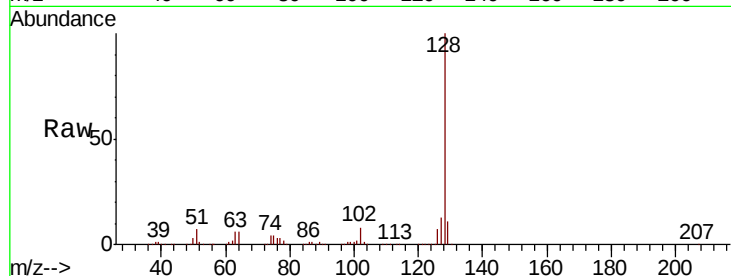
#95
Naphthalene
Concen: 51.937 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/19/2018 12:23:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.831 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.2
145	29.7	15.1	45.3

