

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003792.D
 Acq On : 01 Aug 2018 14:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Aug 02 06:30:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	86257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	141106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	111869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	69603	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	45517	52.18	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	5.50	113	37625	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
50) Toluene-d8	8.71	98	154267	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
62) 4-Bromofluorobenzene	11.14	95	57100	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	40613	55.784	ug/l	99
3) Chloromethane	1.32	50	51070	55.803	ug/l	100
4) Vinyl Chloride	1.40	62	55127	55.999	ug/l #	89
5) Bromomethane	1.63	94	34503	64.861	ug/l	97
6) Chloroethane	1.72	64	33625	51.654	ug/l	99
7) Trichlorofluoromethane	1.92	101	74087	57.394	ug/l	99
8) Diethyl Ether	2.18	74	27034	55.413	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47741	58.301	ug/l	98
10) Methyl Iodide	2.50	142	45689	48.531	ug/l	98
11) Tert butyl alcohol	3.07	59	42381	300.022	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43764	56.764	ug/l	99
13) Acrolein	2.29	56	8895	192.464	ug/l	93
14) Allyl chloride	2.72	41	82743	60.542	ug/l	98
15) Acrylonitrile	3.15	53	106802	297.297	ug/l	98
16) Acetone	2.45	43	76921	230.838	ug/l	99
17) Carbon Disulfide	2.56	76	136687	54.489	ug/l	100
18) Methyl Acetate	2.78	43	54486	58.186	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	119989	57.176	ug/l	99
20) Methylene Chloride	2.85	84	50451	58.000	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	48118	56.959	ug/l	97
22) Diisopropyl ether	3.86	45	132844	53.844	ug/l	90
23) Vinyl Acetate	3.82	43	502422	282.352	ug/l	99
24) 1,1-Dichloroethane	3.69	63	79473	55.235	ug/l	97
25) 2-Butanone	4.69	43	123013	253.235	ug/l	96
26) 2,2-Dichloropropane	4.58	77	61187	53.995	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	44421	48.793	ug/l	96
28) Bromochloromethane	5.02	49	34375	53.261	ug/l	86
29) Tetrahydrofuran	5.15	42	86966	280.926	ug/l	99
30) Chloroform	5.21	83	76062	53.648	ug/l	95
31) Cyclohexane	5.57	56	73014	52.534	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	67716	55.571	ug/l	97
36) 1,1-Dichloropropene	5.79	75	65873	49.849	ug/l	98
37) Ethyl Acetate	4.85	43	49742	49.003	ug/l	100
38) Carbon Tetrachloride	5.78	117	60417	49.429	ug/l	99

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Quant Time: Aug 02 06:30:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77410	47.713	ug/l	100
40) Benzene	6.14	78	176264	46.546	ug/l	96
41) Methacrylonitrile	5.05	41	28528	49.860	ug/l	97
42) 1,2-Dichloroethane	6.20	62	58353	51.019	ug/l	98
43) Isopropyl Acetate	6.46	43	80125	49.541	ug/l	98
44) Trichloroethene	7.21	130	51474	47.649	ug/l	98
45) 1,2-Dichloropropane	7.52	63	46103	49.507	ug/l	99
46) Dibromomethane	7.66	93	25514	47.543	ug/l	95
47) Bromodichloromethane	7.90	83	53180	49.727	ug/l	100
48) Methyl methacrylate	7.77	41	41551	51.218	ug/l	95
49) 1,4-Dioxane	7.75	88	17587	1074.086	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	254640	256.188	ug/l	97
52) Toluene	8.79	92	114179	48.336	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64137	52.510	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	67178	49.342	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	41913	51.555	ug/l	98
56) Ethyl methacrylate	9.18	69	59112	52.934	ug/l	98
57) 1,3-Dichloropropane	9.37	76	70684	51.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	154799	259.125	ug/l	98
59) 2-Hexanone	9.49	43	200568	264.875	ug/l	98
60) Dibromochloromethane	9.59	129	40229	49.135	ug/l	100
61) 1,2-Dibromoethane	9.67	107	38586	46.486	ug/l	100
64) Tetrachloroethene	9.34	164	49609	56.417	ug/l	99
65) Chlorobenzene	10.14	112	118825	50.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	40228	52.769	ug/l	99
67) Ethyl Benzene	10.26	91	218642	55.391	ug/l	97
68) m/p-Xylenes	10.36	106	163106	105.631	ug/l	97
69) o-Xylene	10.70	106	85618	59.715	ug/l	100
70) Styrene	10.71	104	145034	60.127	ug/l	99
71) Bromoform	10.86	173	30860	58.875	ug/l #	98
73) Isopropylbenzene	11.02	105	220377	50.576	ug/l	99
74) N-amyl acetate	6.46	43	80125	51.879	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	56651	50.008	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	48889m	50.959	ug/l	
77) Bromobenzene	11.26	156	55258	48.642	ug/l	95
78) n-propylbenzene	11.36	91	259745	49.205	ug/l	99
79) 2-Chlorotoluene	11.42	91	159812	53.323	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	201450	54.164	ug/l #	69
81) trans-1,4-Dichloro-2-buten	11.08	75	17019	52.545	ug/l #	87
82) 4-Chlorotoluene	11.51	91	193528	53.237	ug/l	100
83) tert-Butylbenzene	11.77	119	198546	53.973	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	205334	53.636	ug/l	99
85) sec-Butylbenzene	11.95	105	252859	53.728	ug/l	99
86) p-Isopropyltoluene	12.07	119	221259	51.726	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	114974	50.033	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	115033	49.065	ug/l	99
89) n-Butylbenzene	12.39	91	211309	51.905	ug/l	99
90) Hexachloroethane	12.60	117	32113	50.559	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	102857	48.063	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	11680	51.963	ug/l	90

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ClientSampleId :
VSTDCCC050

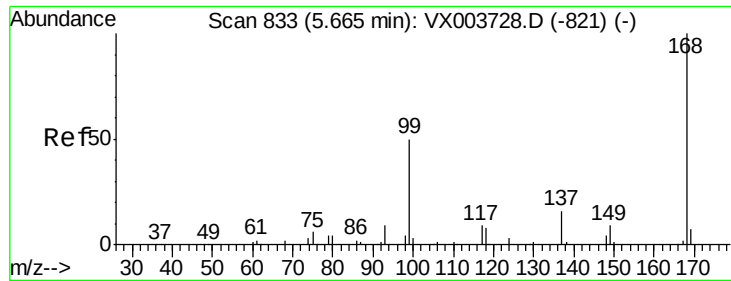
Manual Integrations
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Quant Time: Aug 02 06:30:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85588	50.416	ug/l	99
94) Hexachlorobutadiene	13.79	225	51601	47.530	ug/l	100
95) Naphthalene	13.83	128	187815	51.772	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	68719	44.593	ug/l	99

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



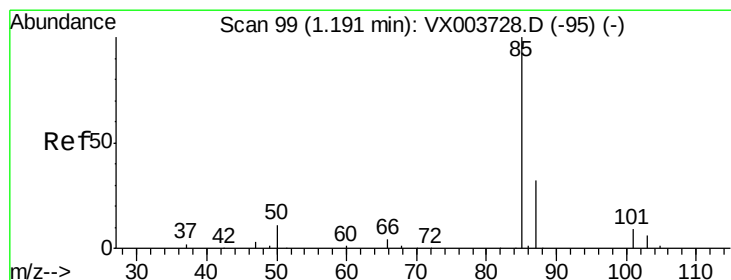
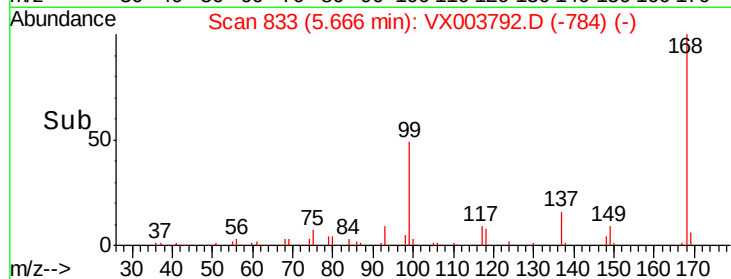
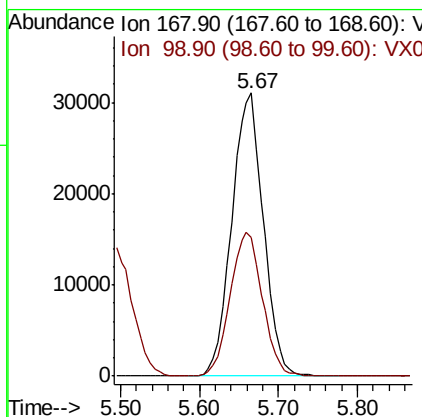
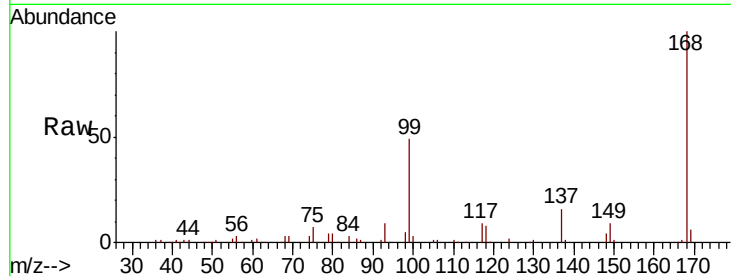
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.2	40.2	60.2

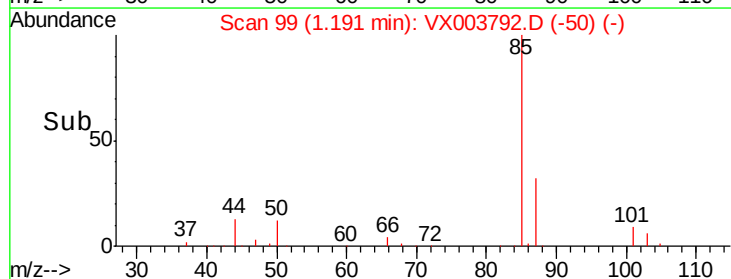
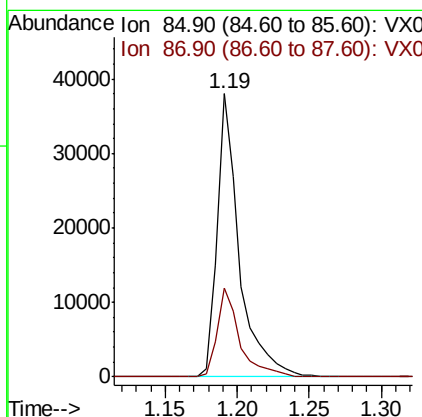
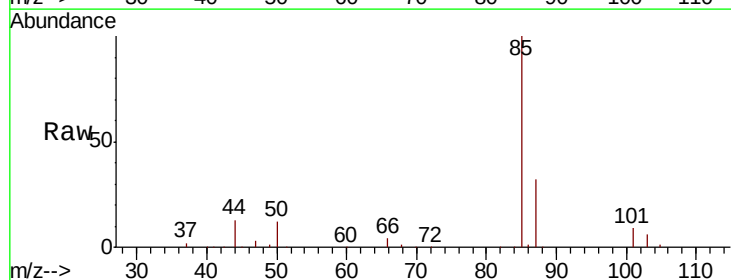
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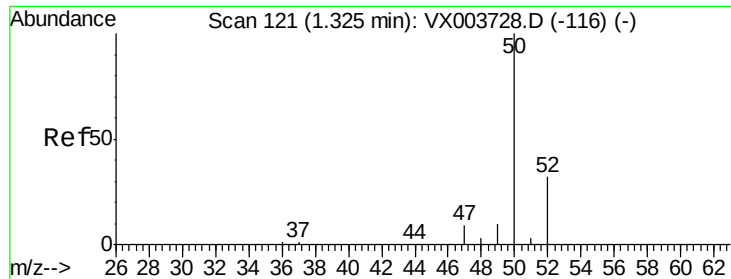
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#2
Dichlorodifluoromethane
Concen: 55.784 ug/l
RT: 1.19 min Scan# 99
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.1	48.2





#3

Chloromethane

Concen: 55.803 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 51070

Ion Ratio Lower Upper

50 100

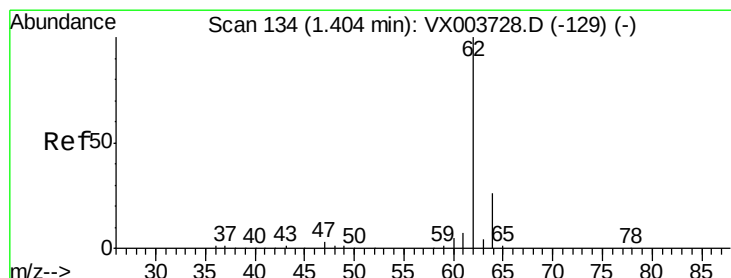
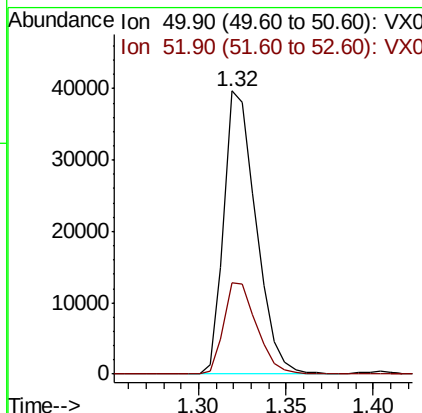
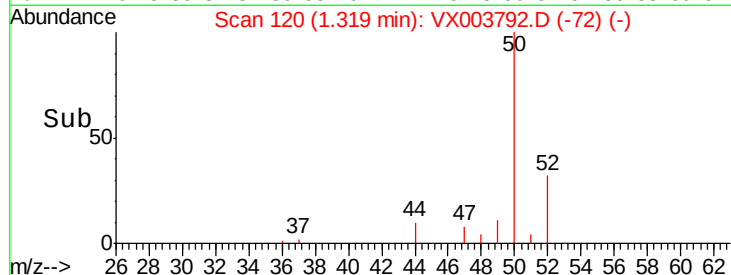
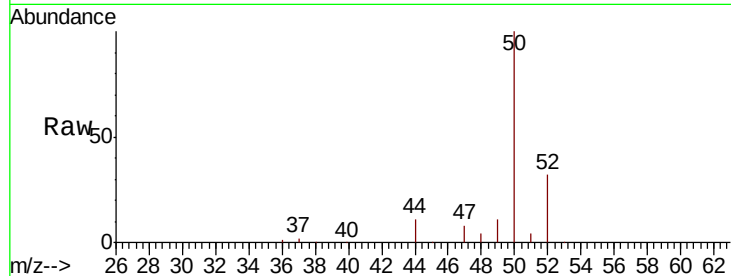
52 32.3 25.9 38.9

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#4

Vinyl Chloride

Concen: 55.999 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003792.D

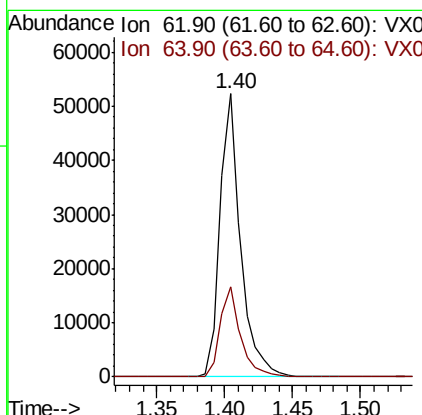
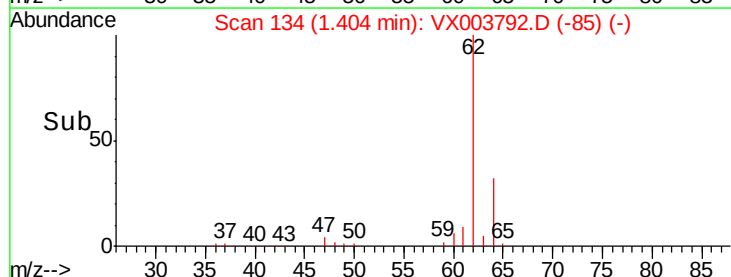
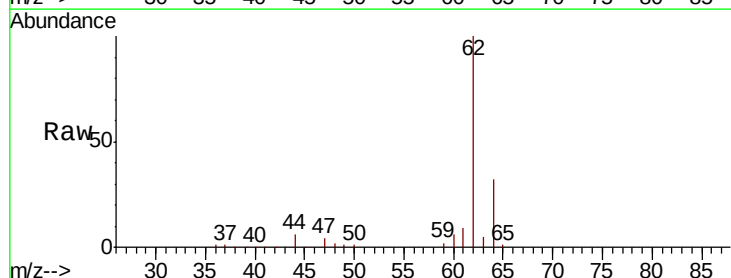
Acq: 01 Aug 2018 14:11

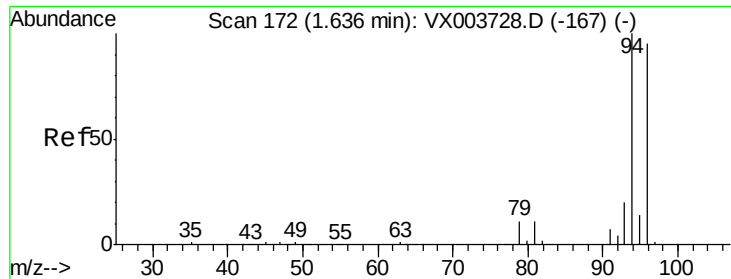
Tgt Ion: 62 Resp: 55127

Ion Ratio Lower Upper

62 100

64 31.9 21.0 31.4#





#5

Bromomethane

Concen: 64.861 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 34503

Ion Ratio Lower Upper

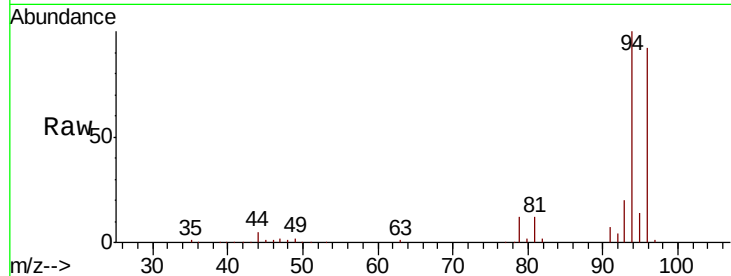
94 100

96 91.7 76.0 114.0

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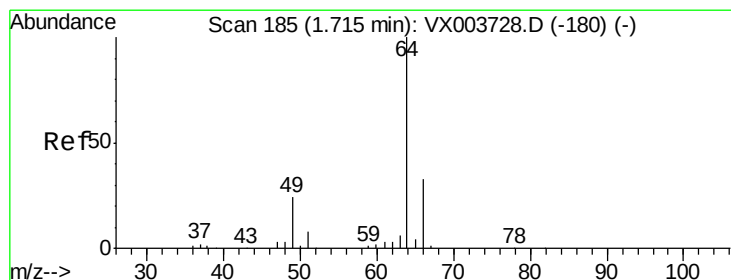
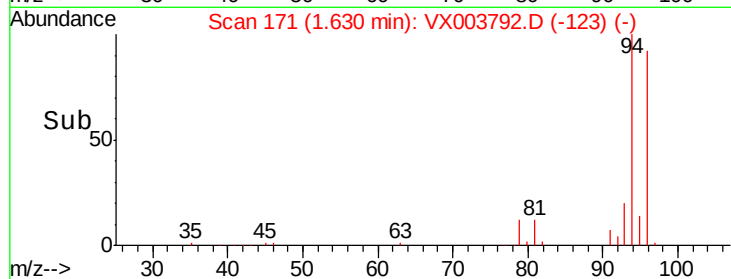
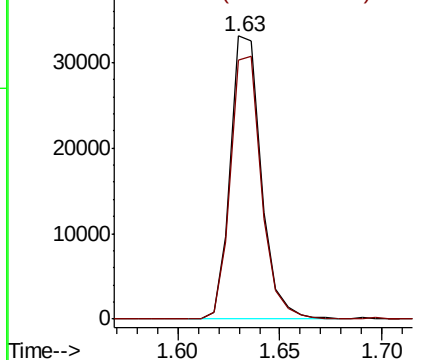
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.654 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003792.D

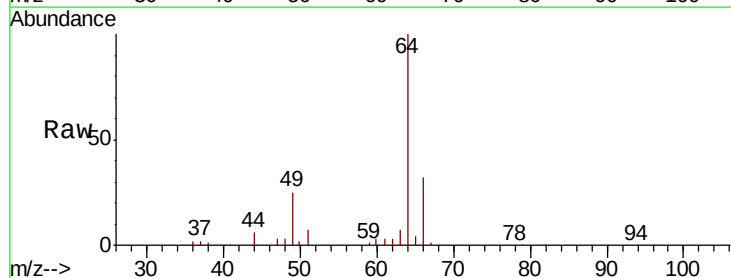
Acq: 01 Aug 2018 14:11

Tgt Ion: 64 Resp: 33625

Ion Ratio Lower Upper

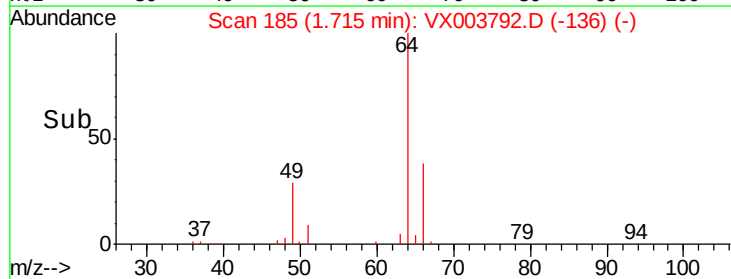
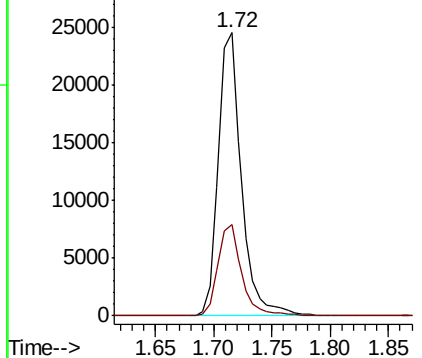
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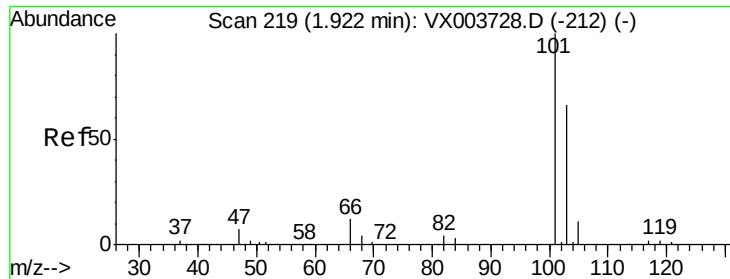
66 32.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

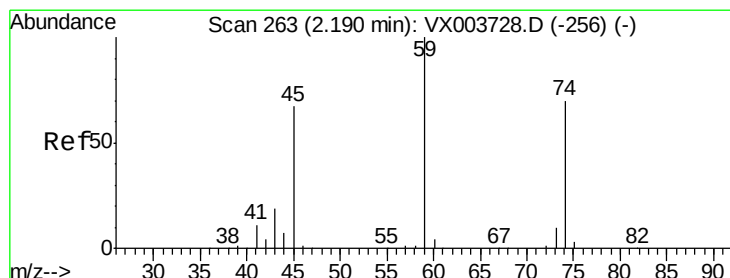
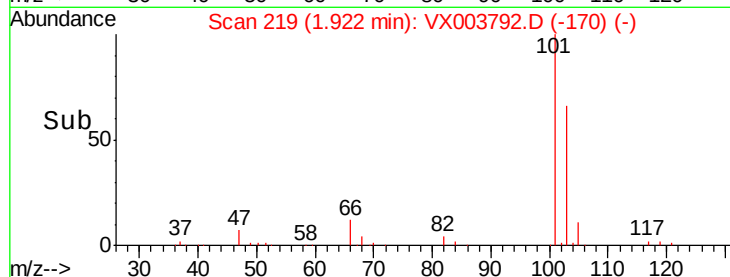
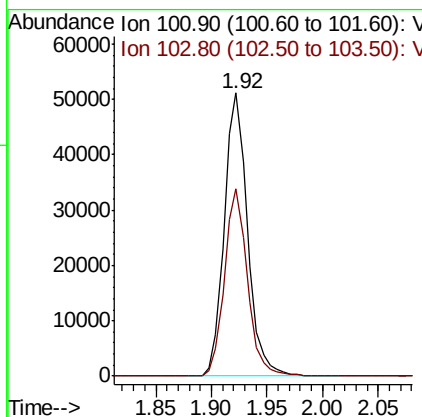
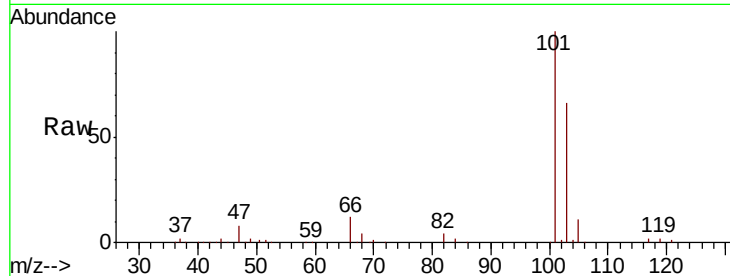
Trichlorofluoromethane
 Concen: 57.394 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	52.6	78.8

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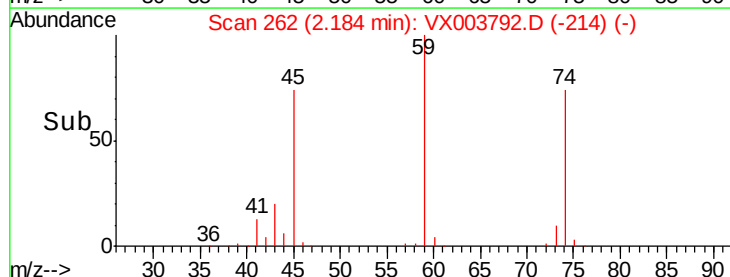
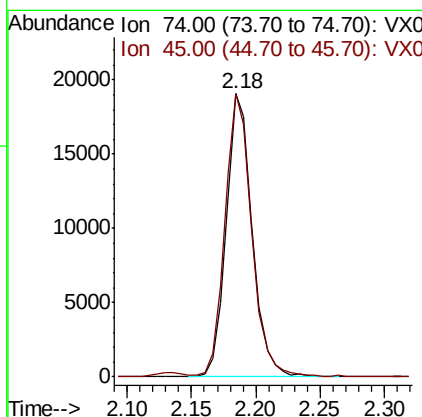
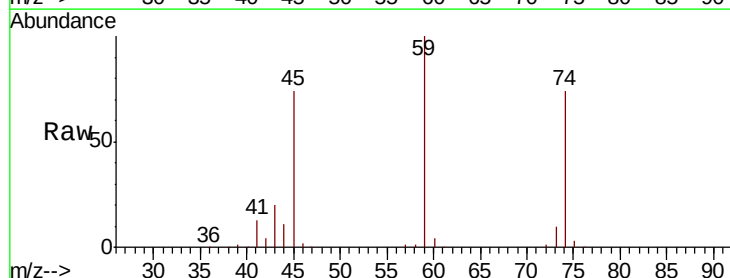
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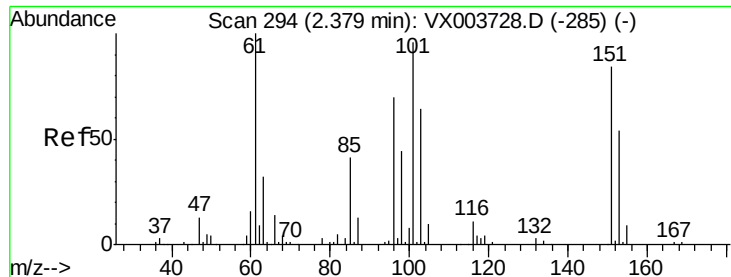


#8

Diethyl Ether
 Concen: 55.413 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.4	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 58.301 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

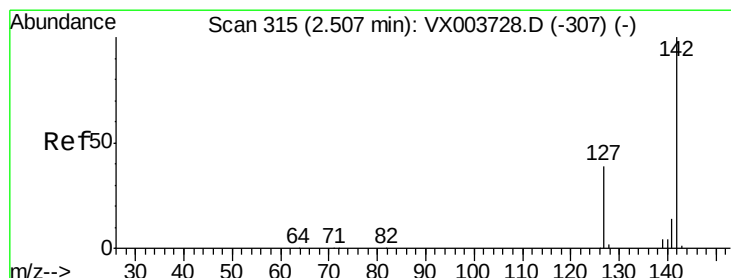
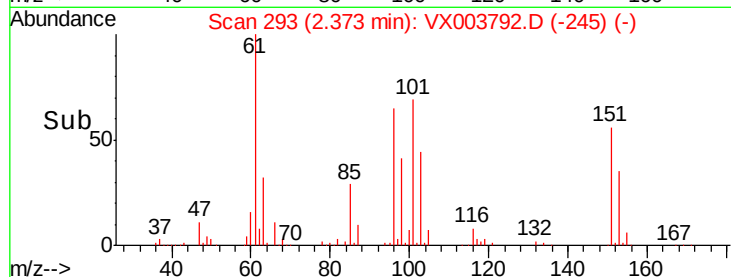
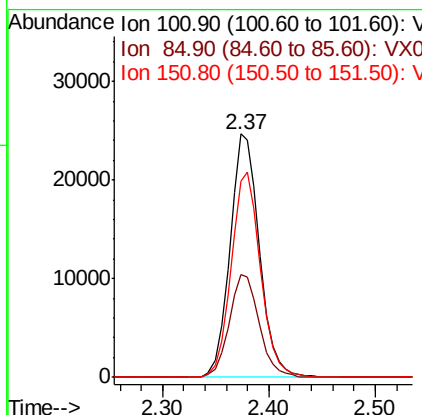
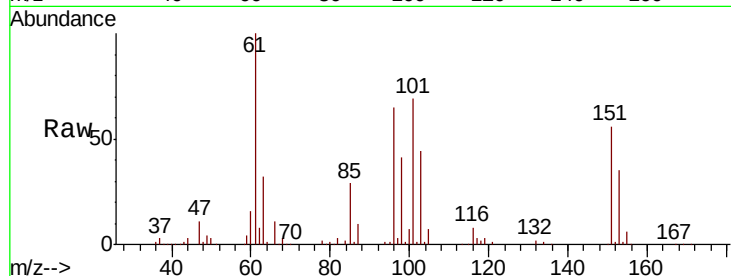
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	47741
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.3	49.9
151	84.2	68.8	103.2

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#10

Methyl Iodide

Concen: 48.531 ug/l

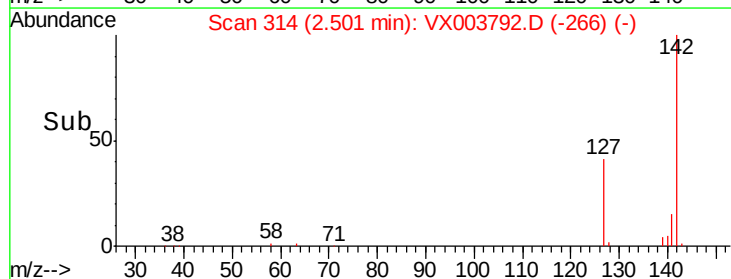
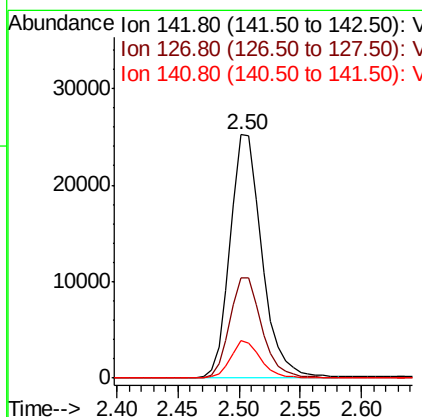
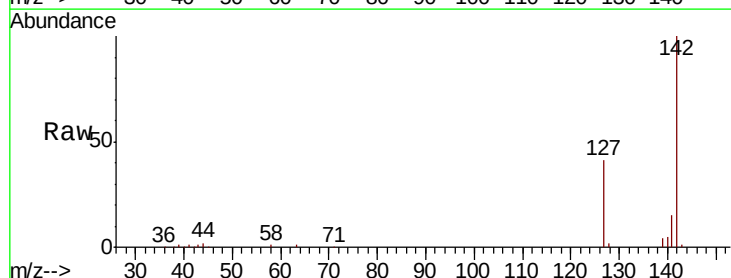
RT: 2.50 min Scan# 314

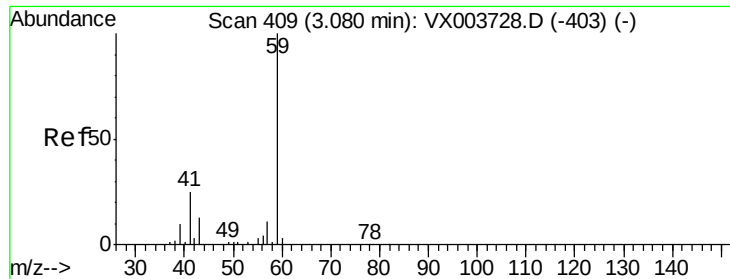
Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Tgt Ion:	142	Resp:	45689
Ion Ratio	Lower	Upper	
142	100		
127	41.8	32.0	48.0
141	14.5	11.3	16.9





#11

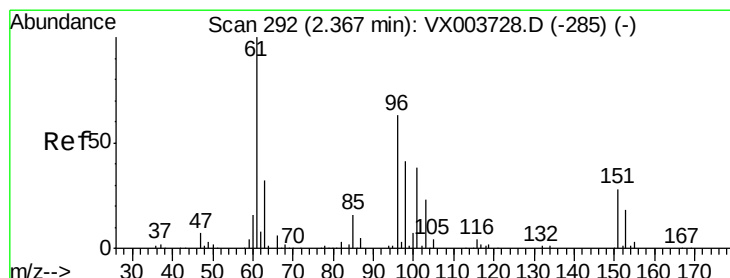
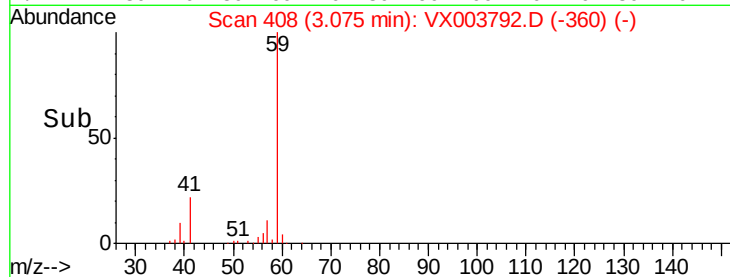
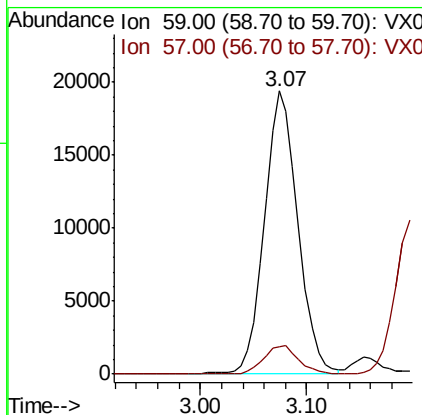
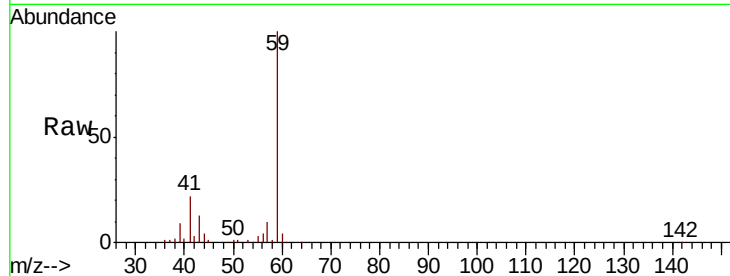
Tert butyl alcohol
Concen: 300.022 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	100	10.4	Resp	42381	Lower	Upper
59	100								
57		10.4						8.1	12.1

Manual Integrations
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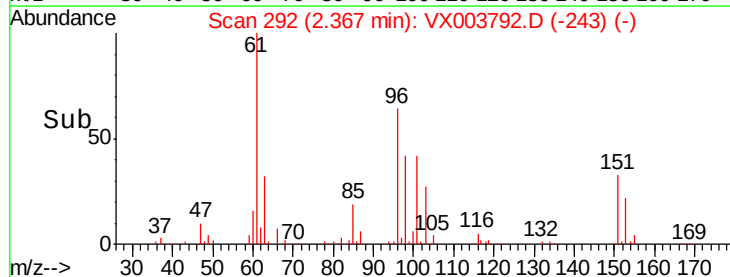
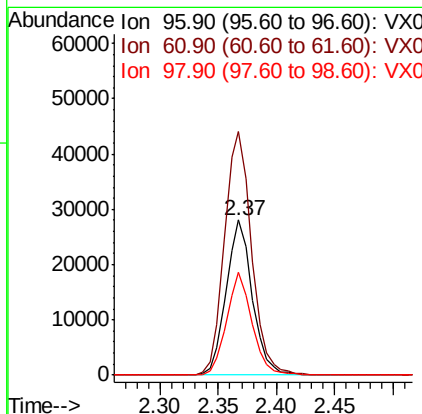
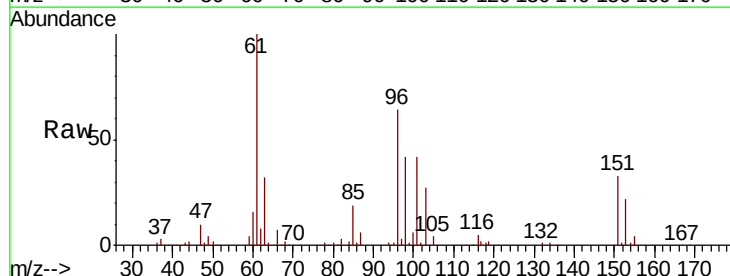
apatel
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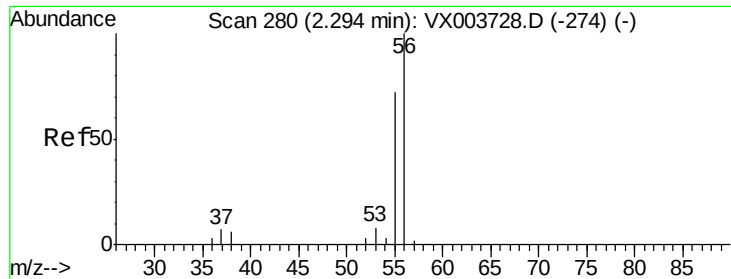


#12

1,1-Dichloroethene
Concen: 56.764 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Tgt Ion	96	61	98	Ratio	100	157.2	66.5	Resp	43764	Lower	Upper
96	100										
61		157.2								127.1	190.7
98			66.5							52.0	78.0





#13

Acrolein

Concen: 192.464 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 8895

Ion Ratio Lower Upper

56 100

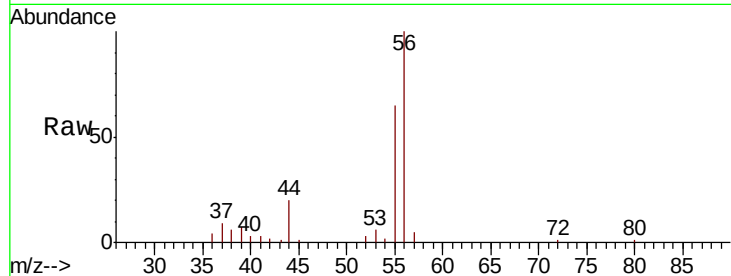
55 71.0 61.4 92.0

Manual Integrations

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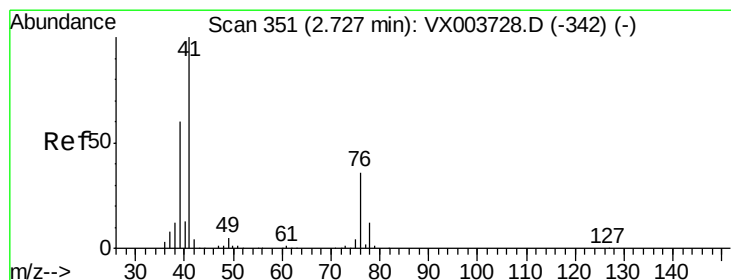
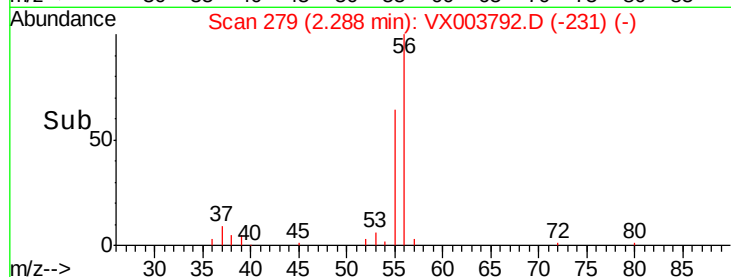
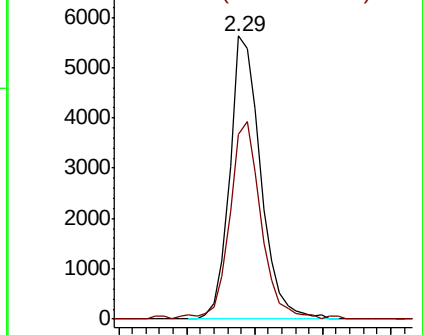
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 60.542 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

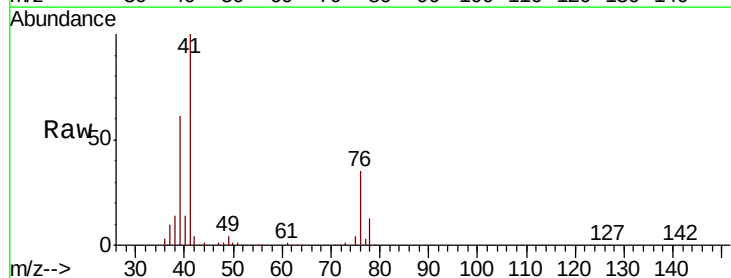
Tgt Ion: 41 Resp: 82743

Ion Ratio Lower Upper

41 100

39 61.3 47.7 71.5

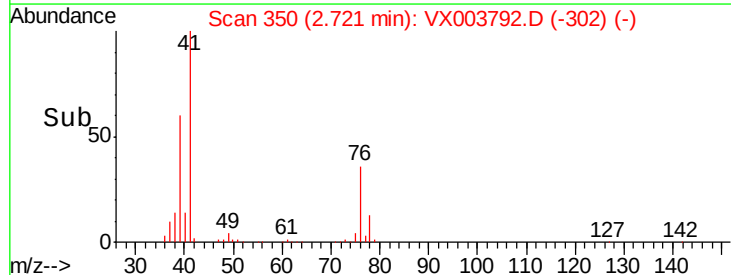
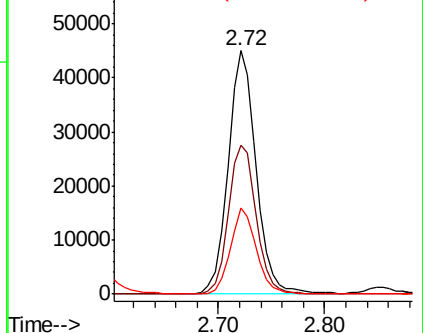
76 33.0 27.0 40.6

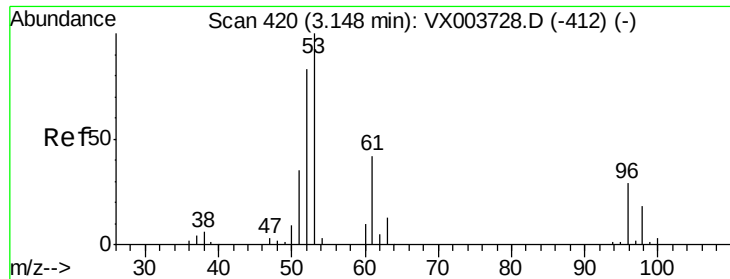


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 297.297 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

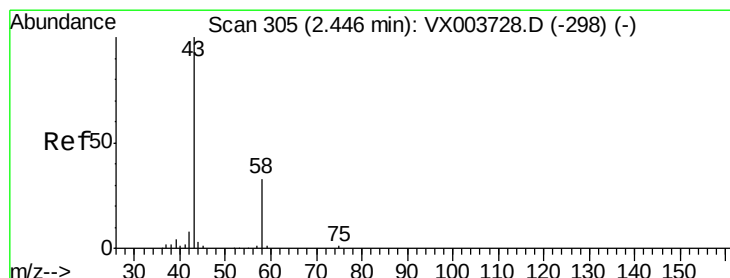
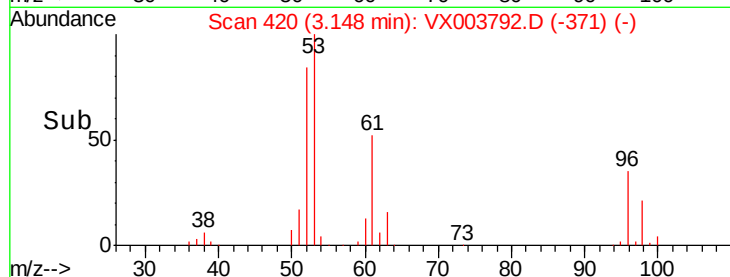
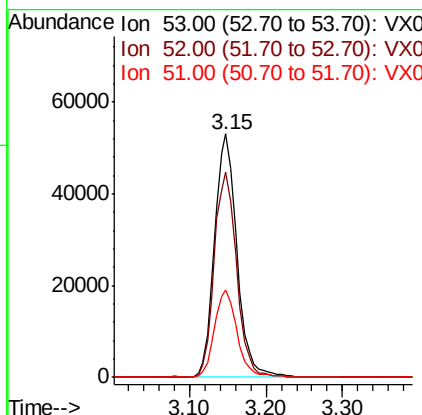
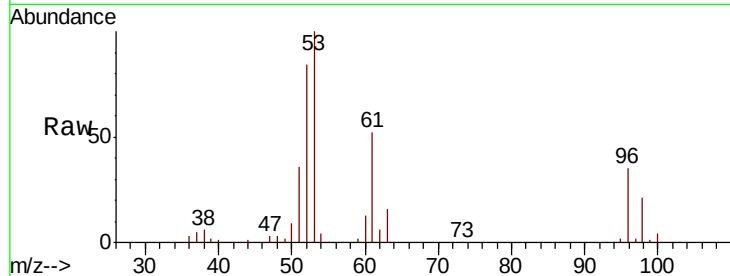
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	106802
Ion Ratio	Lower	Upper	
53	100		
52	84.8	66.2	99.2
51	36.8	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 230.838 ug/l

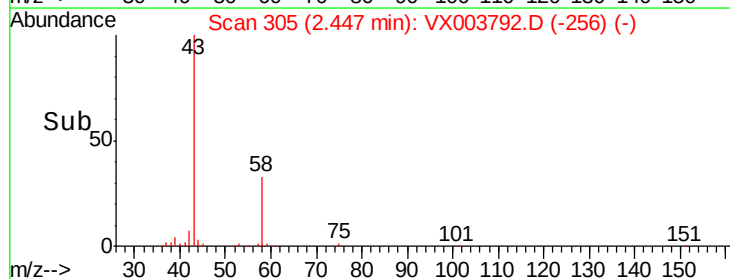
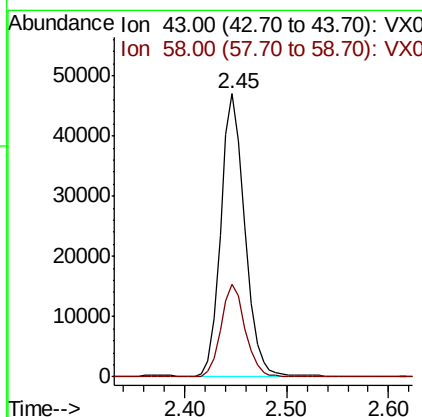
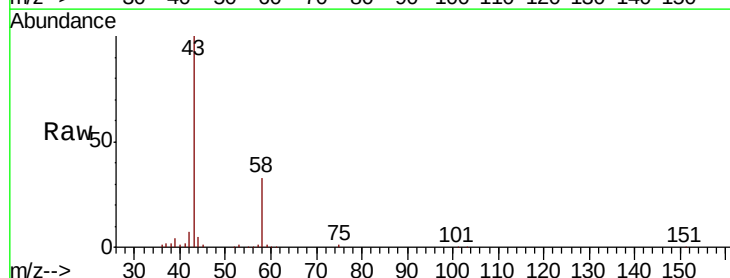
RT: 2.45 min Scan# 305

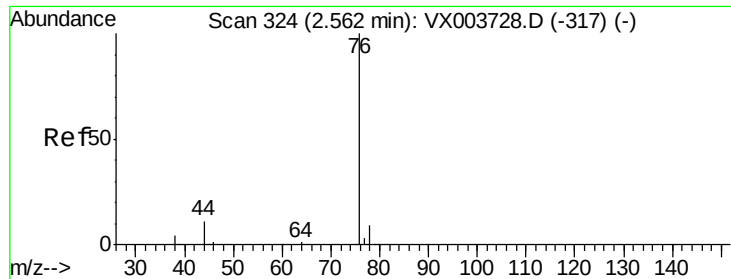
Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Tgt Ion:	43	Resp:	76921
Ion Ratio	Lower	Upper	
43	100		
58	32.6	26.7	40.1





#17

Carbon Disulfide

Concen: 54.489 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 136687

Ion Ratio Lower Upper

76 100

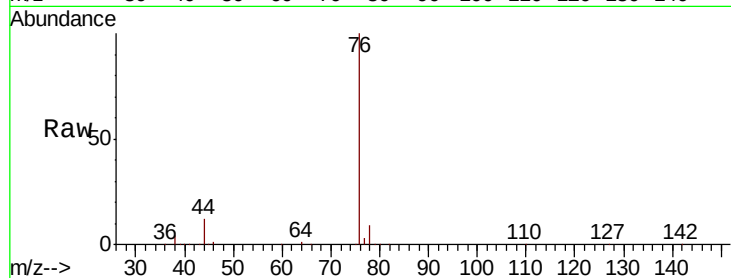
78 9.1 7.3 10.9

Manual Integrations

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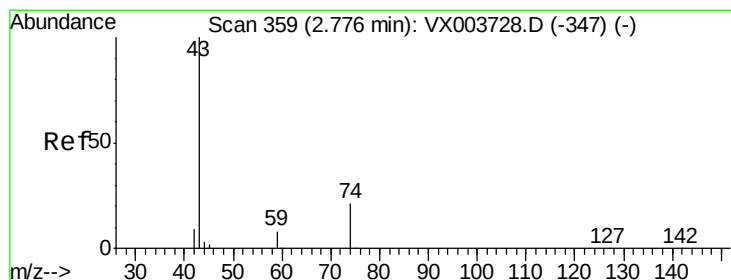
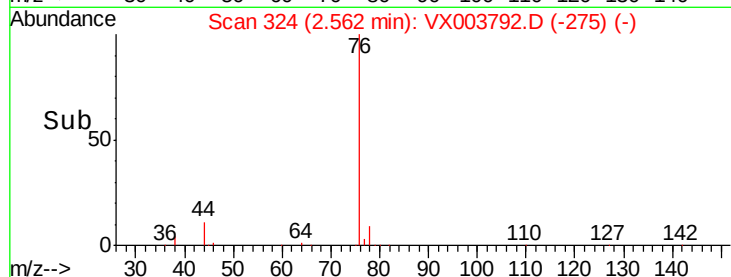
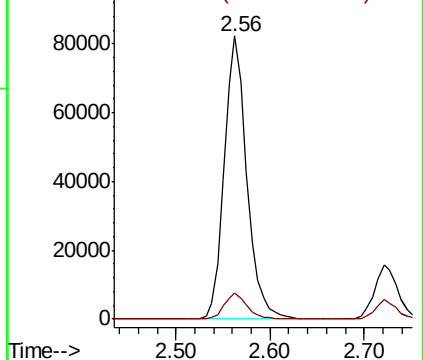
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 58.186 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.01 min

Lab File: VX003792.D

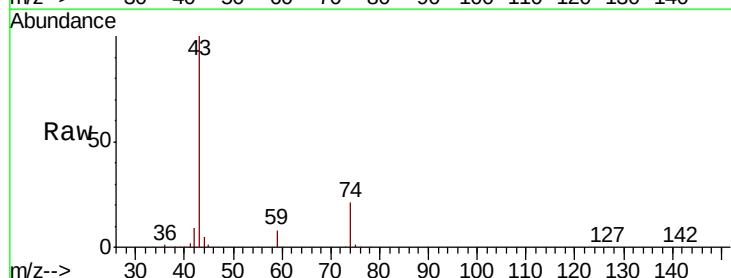
Acq: 01 Aug 2018 14:11

Tgt Ion: 43 Resp: 54486

Ion Ratio Lower Upper

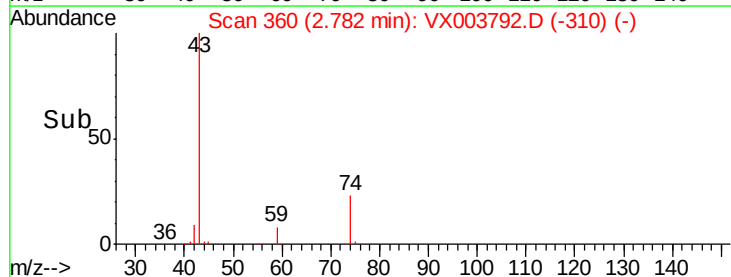
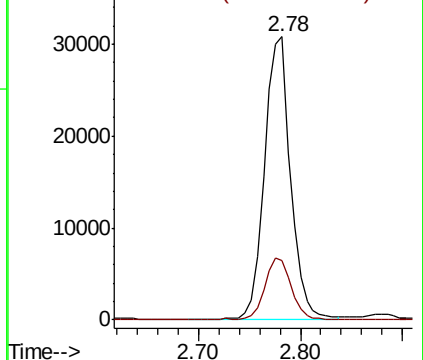
43 100

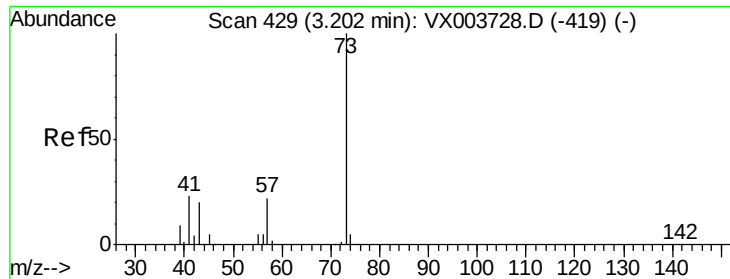
74 22.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





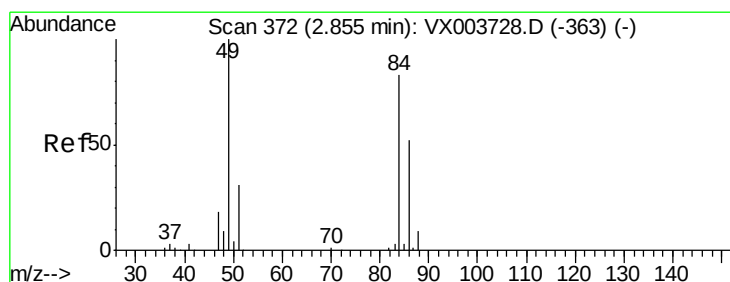
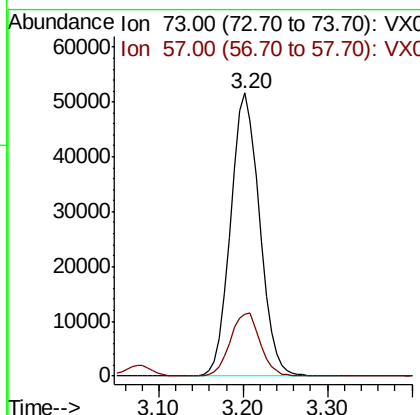
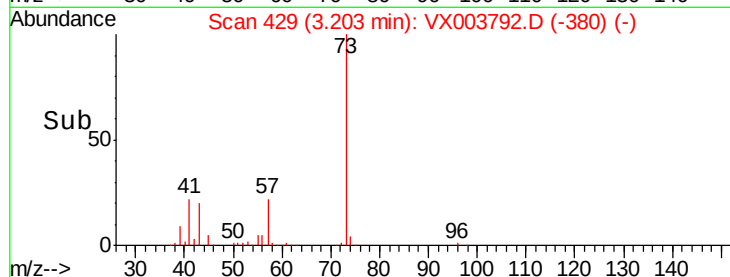
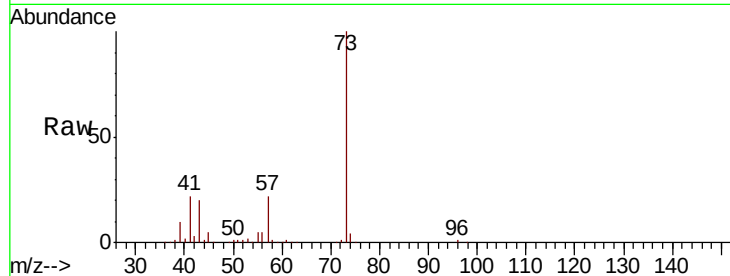
#19
Methyl tert-butyl Ether
Concen: 57.176 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 119989
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0

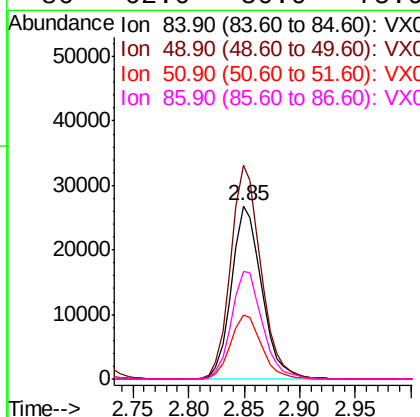
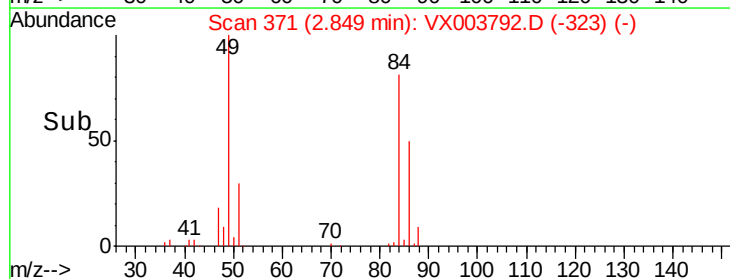
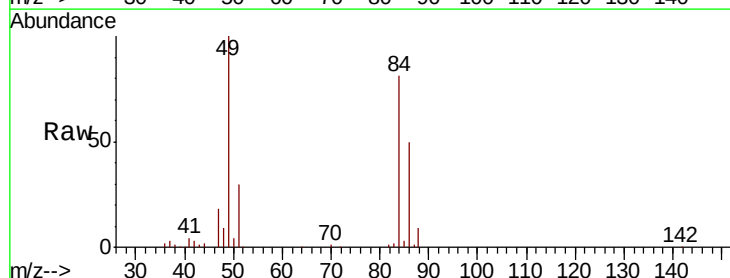
Manual Integrations
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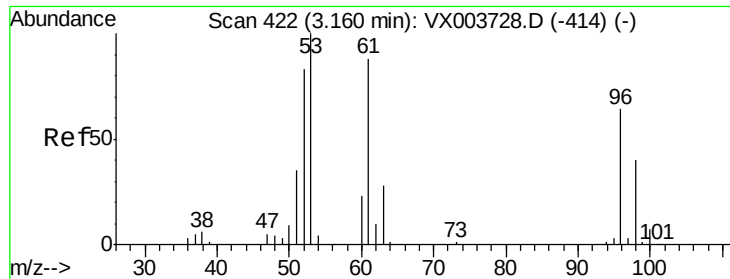
apatel
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#20
Methylene Chloride
Concen: 58.000 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Tgt Ion: 84 Resp: 50451
Ion Ratio Lower Upper
84 100
49 123.3 95.8 143.8
51 37.2 29.6 44.4
86 62.0 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 56.959 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

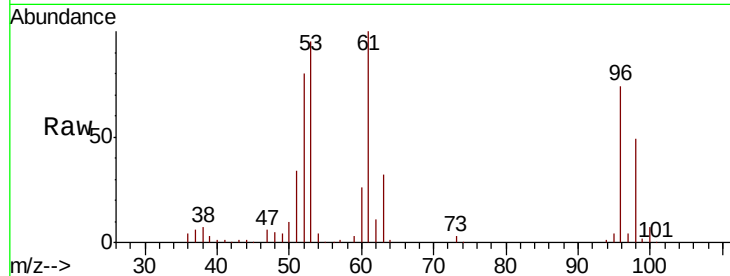
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	48118
Ion	Ratio	Lower	Upper
96	100		
61	135.0	110.9	166.3
98	65.6	50.2	75.4

Manual Integrations
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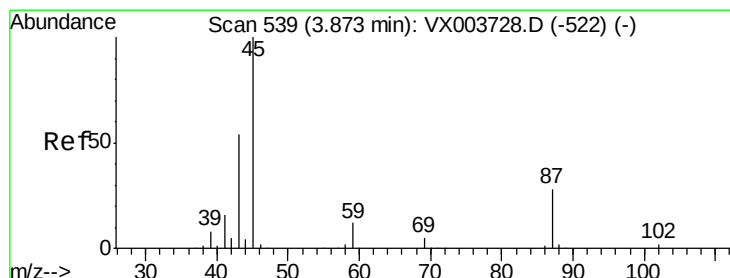
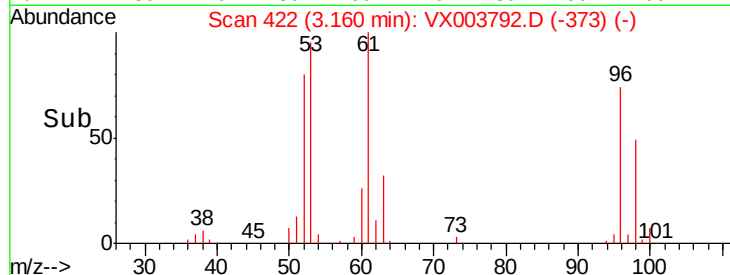
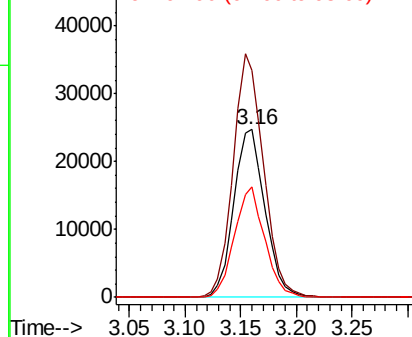


Abundance

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: 53.844 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Tgt Ion:	45	Resp:	132844
Ion	Ratio	Lower	Upper
45	100		
43	64.1	43.5	65.3
87	24.7	22.6	33.8
59	11.7	9.3	13.9

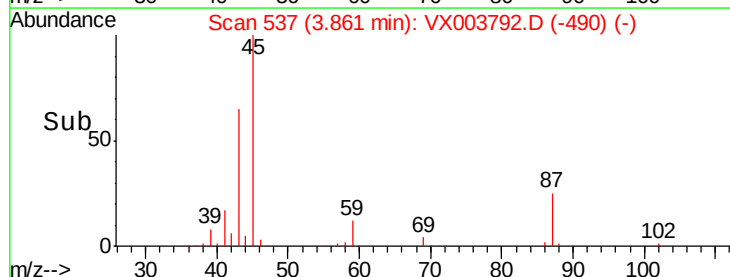
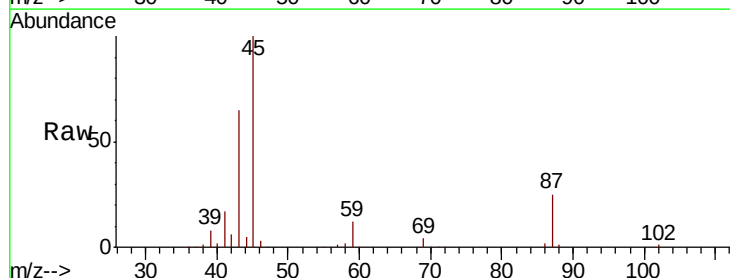
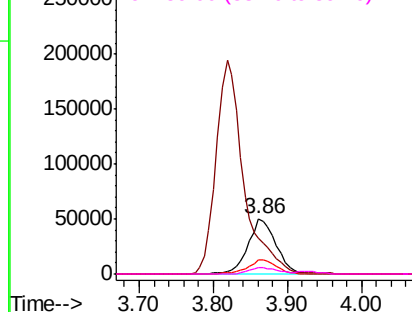
Abundance

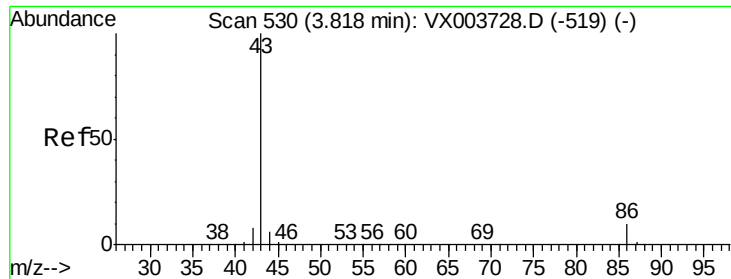
Ion 45.00 (44.70 to 45.70): VX0

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: 282.352 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 502422

Ion Ratio Lower Upper

43 100

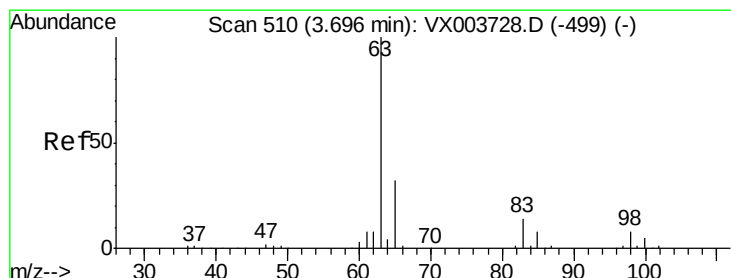
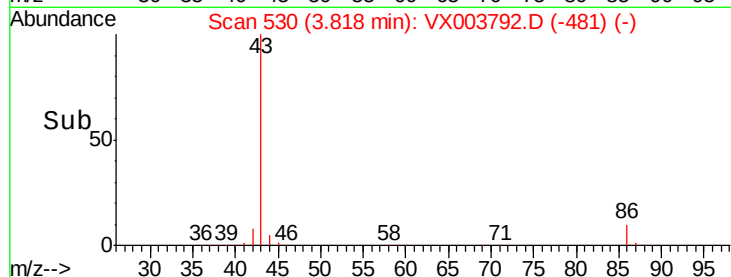
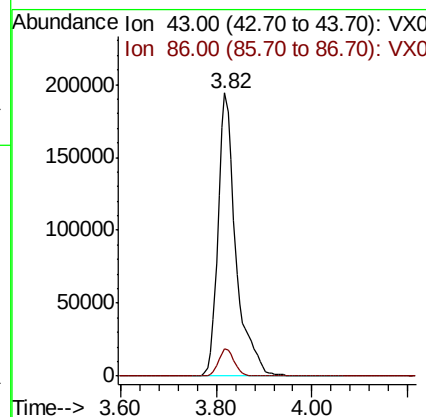
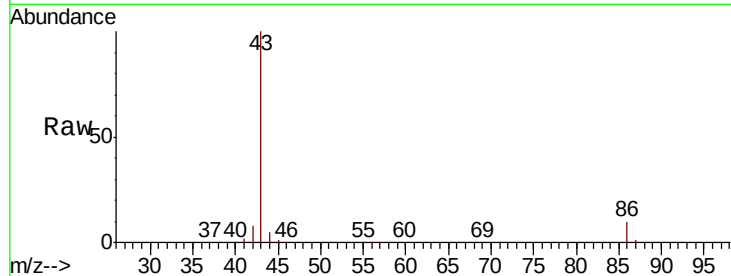
86 9.7 8.2 12.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.235 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

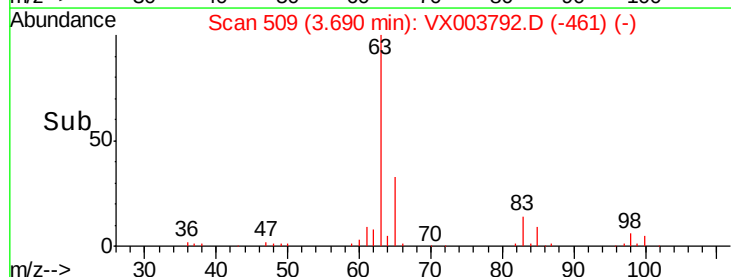
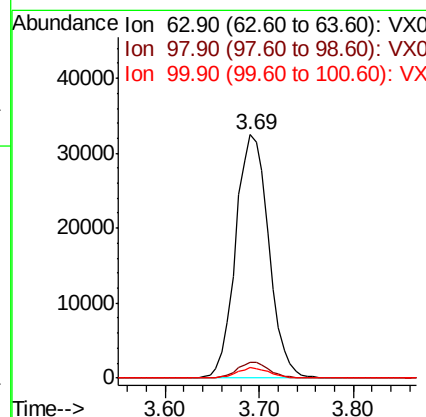
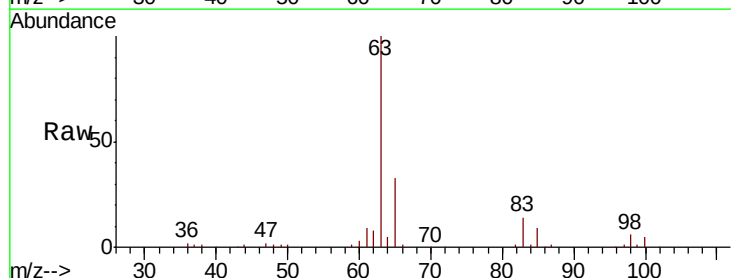
Tgt Ion: 63 Resp: 79473

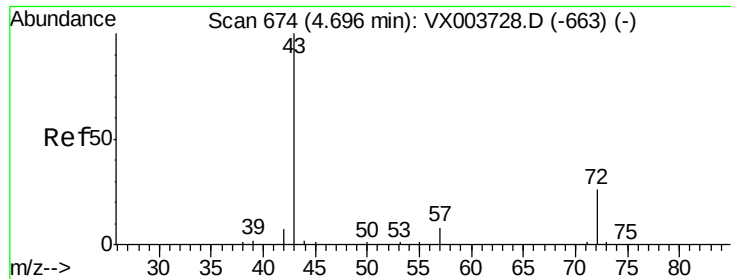
Ion Ratio Lower Upper

63 100

98 6.5 4.0 12.0

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 253.235 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 123013

Ion Ratio Lower Upper

43 100

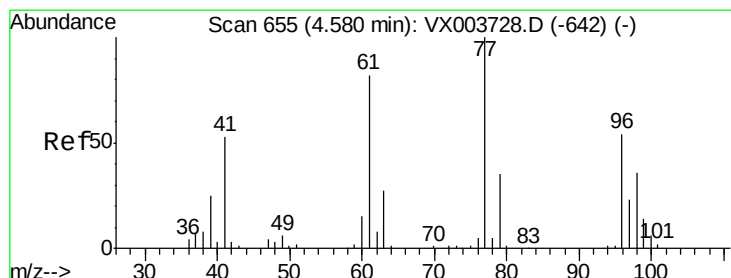
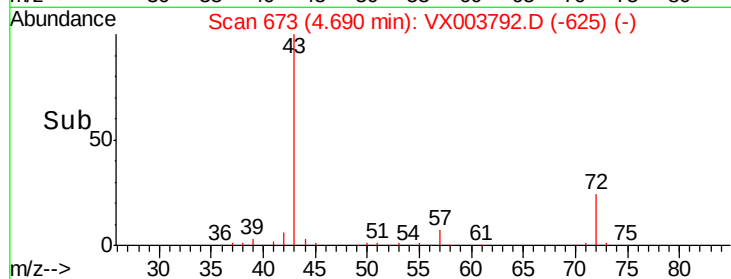
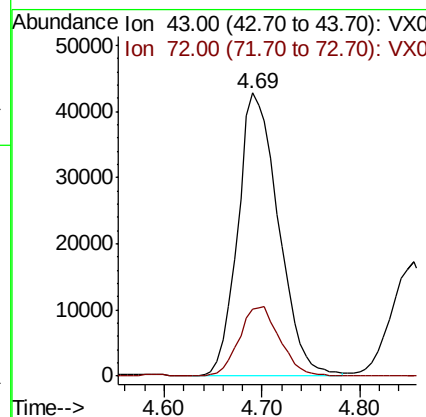
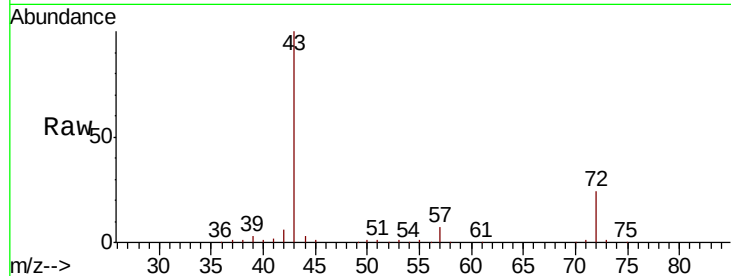
72 23.9 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.995 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003792.D

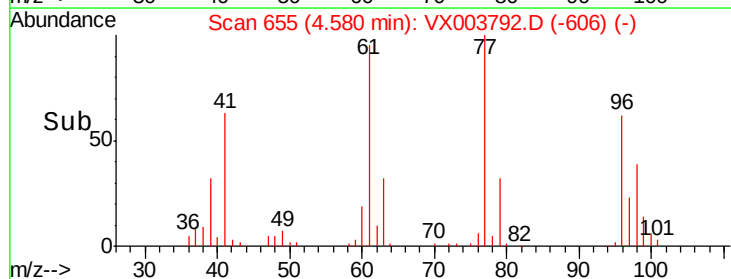
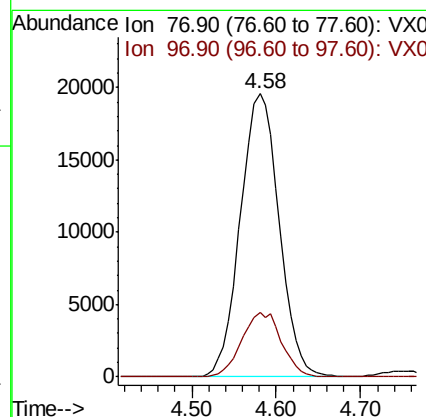
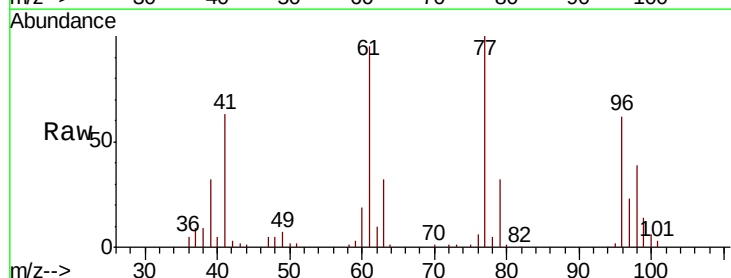
Acq: 01 Aug 2018 14:11

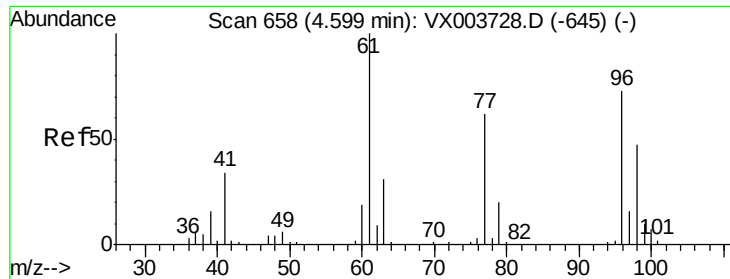
Tgt Ion: 77 Resp: 61187

Ion Ratio Lower Upper

77 100

97 23.3 12.2 36.6





#27

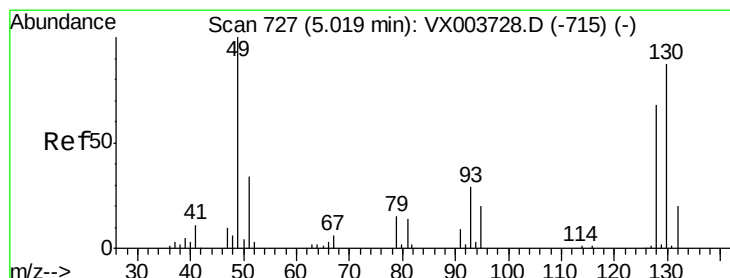
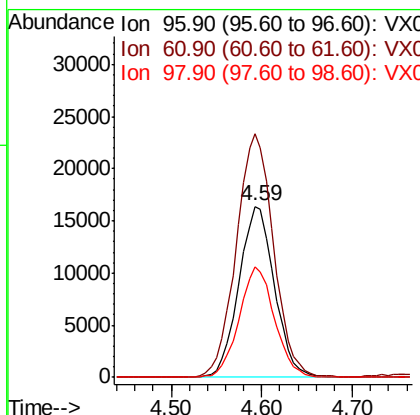
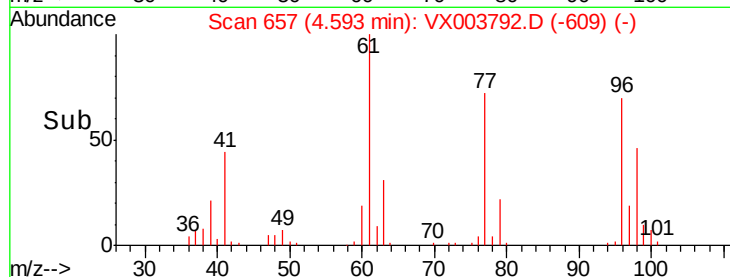
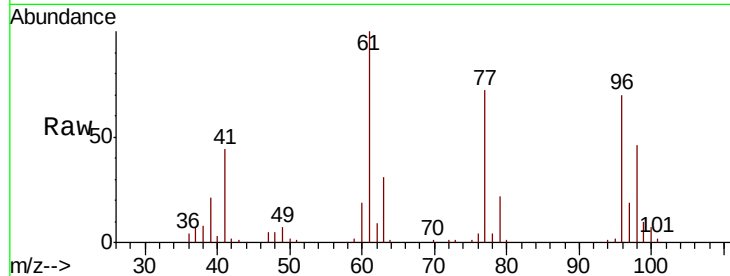
cis-1,2-Dichloroethene
Concen: 48.793 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	285.6
98	64.4	0.0	131.0

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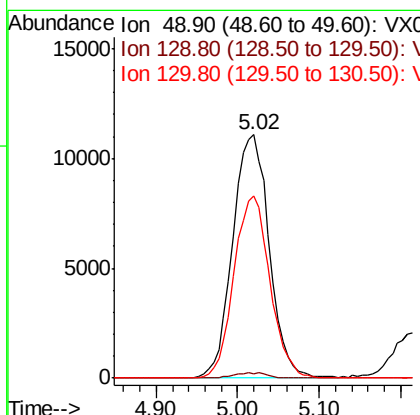
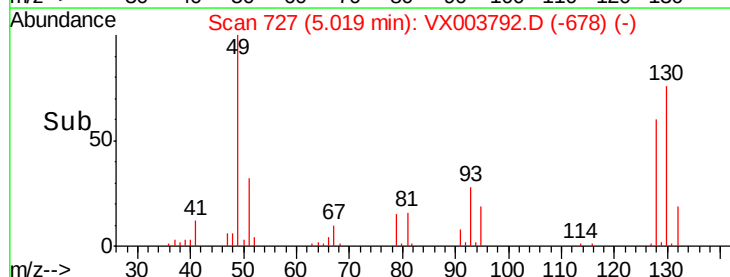
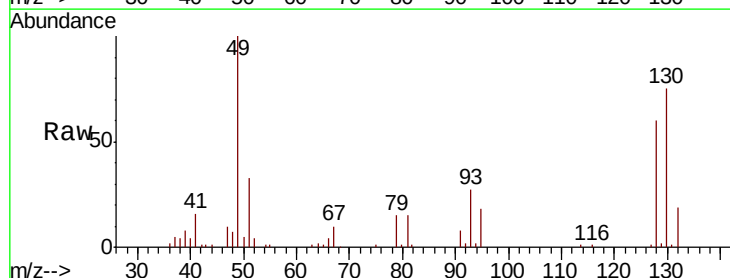
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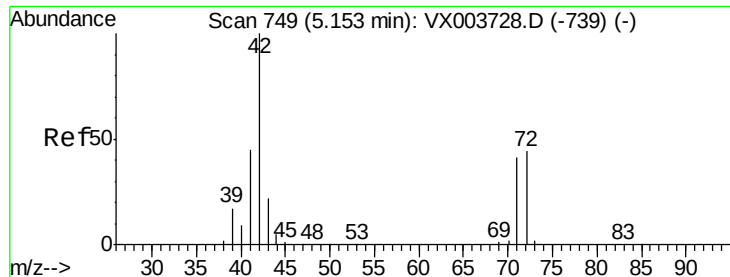


#28

Bromochloromethane
Concen: 53.261 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	73.4	68.9	103.3





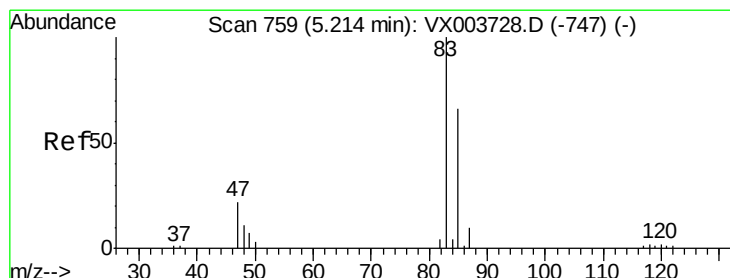
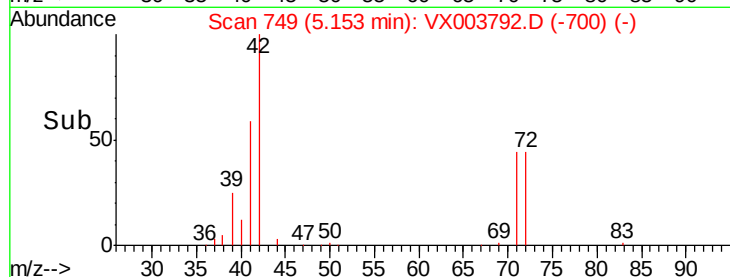
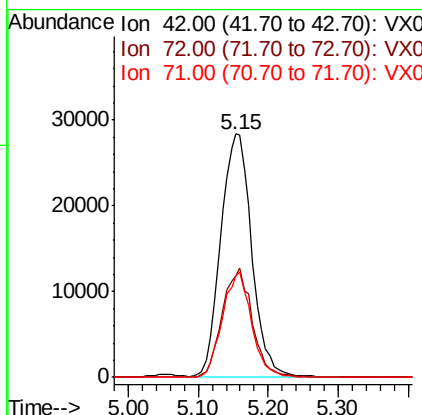
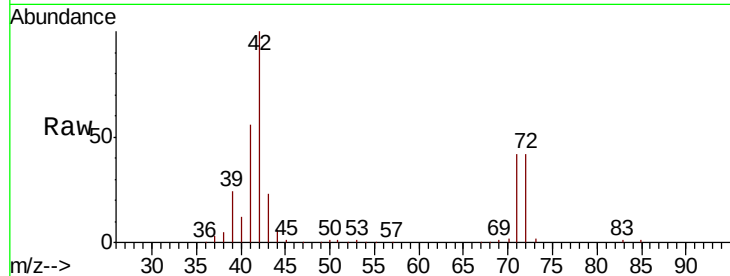
#29
Tetrahydrofuran
Concen: 280.926 ug/l
RT: 5.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.6	53.4
71	40.8	33.4	50.0

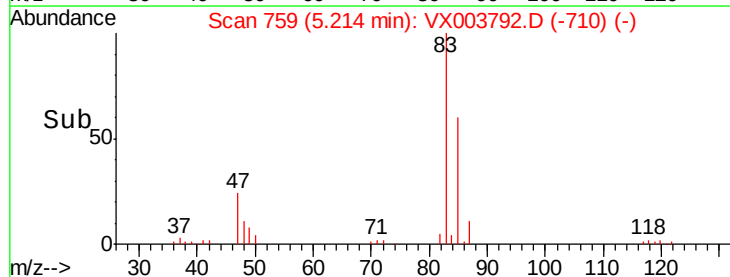
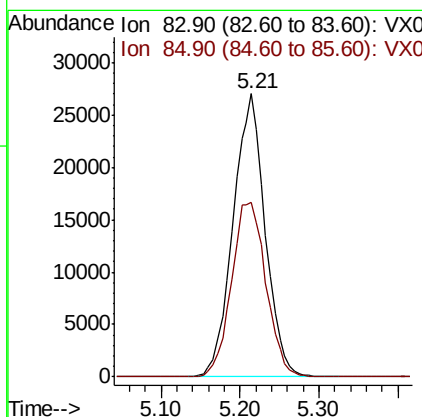
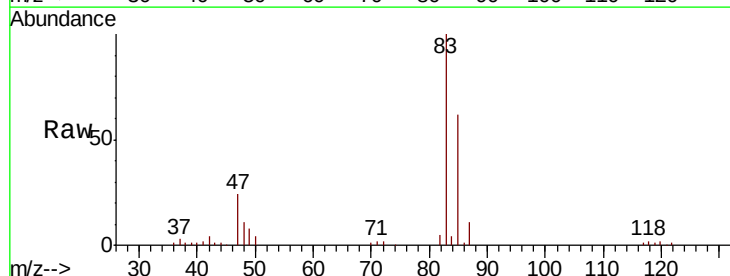
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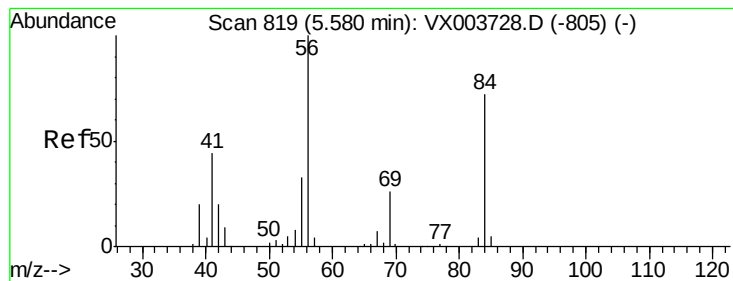
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#30
Chloroform
Concen: 53.648 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	52.8	79.2





#31

Cyclohexane

Concen: 52.534 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

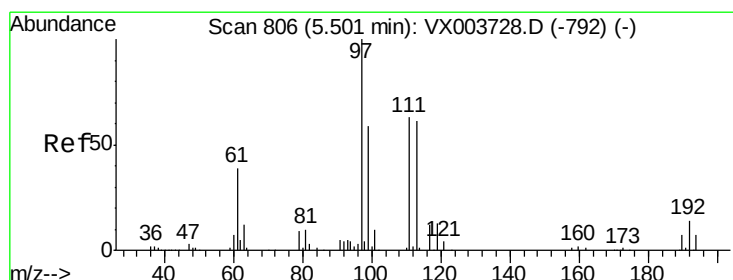
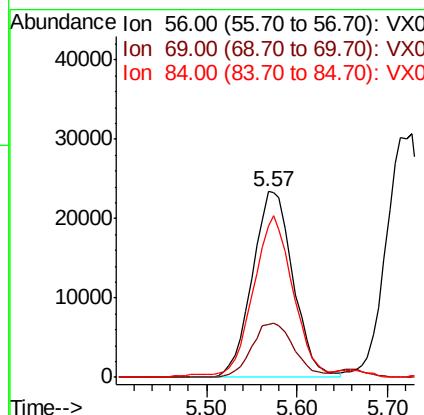
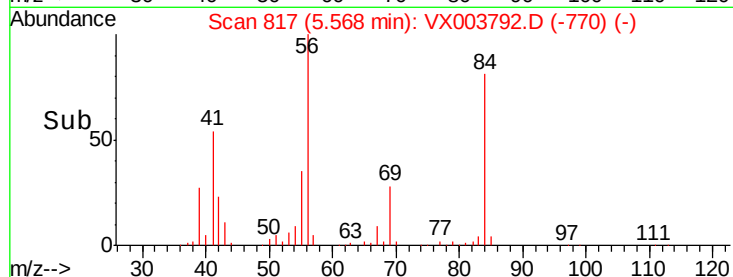
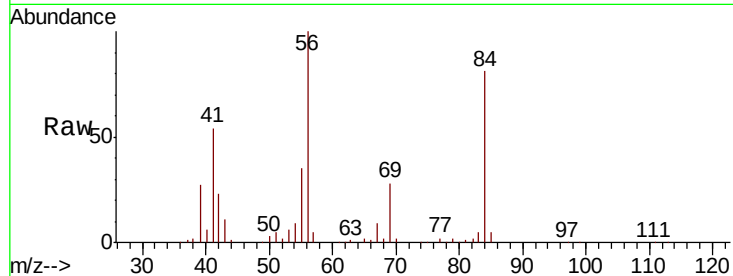
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	73014
Ion	Ratio	Lower	Upper
56	100		
69	28.5	20.6	30.8
84	80.1	57.9	86.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 55.571 ug/l

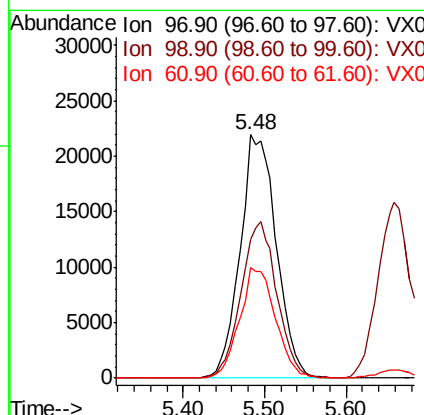
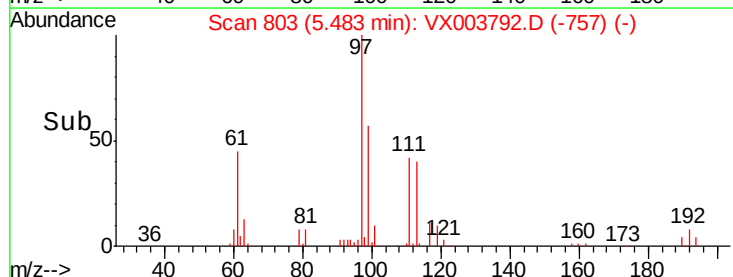
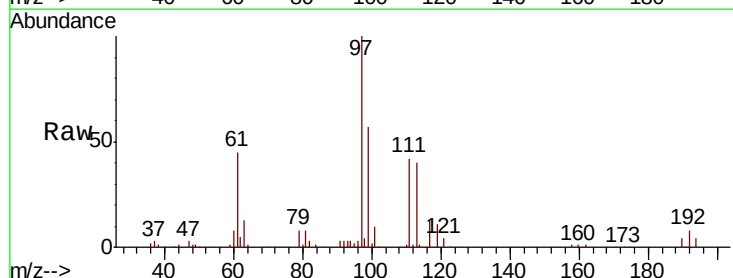
RT: 5.48 min Scan# 803

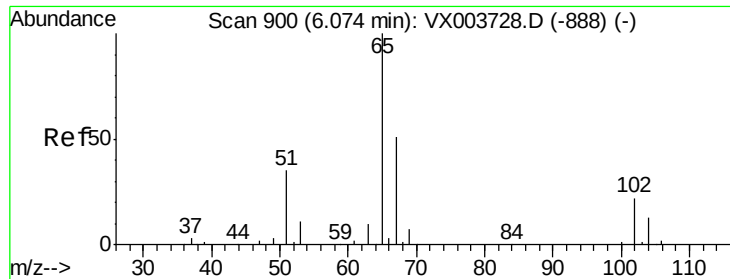
Delta R.T. -0.02 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Tgt Ion:	97	Resp:	67716
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.2
61	45.0	33.4	50.2





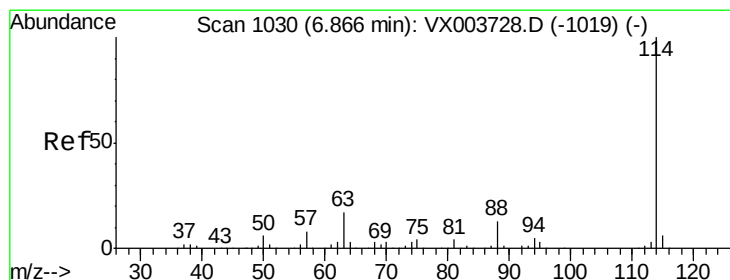
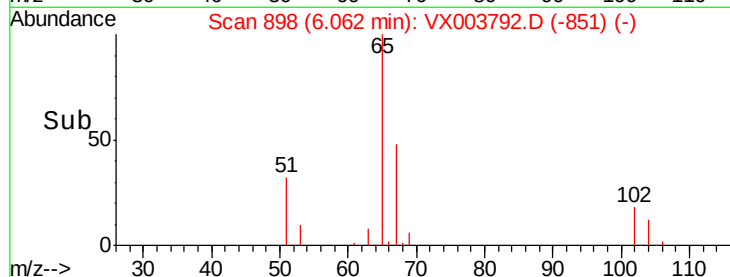
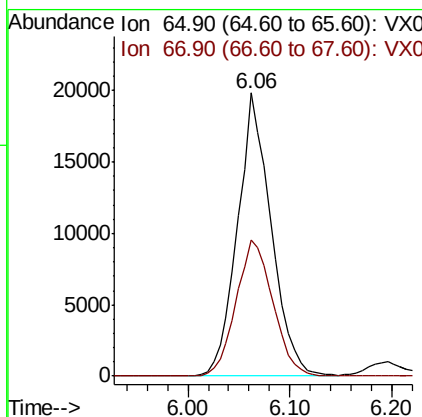
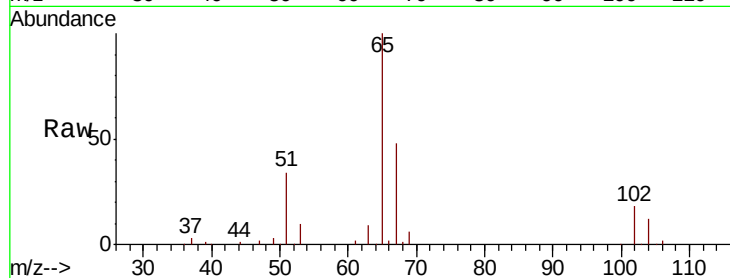
#33
 1,2-Dichloroethane-d4
 Concen: 52.176 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 45517
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.0

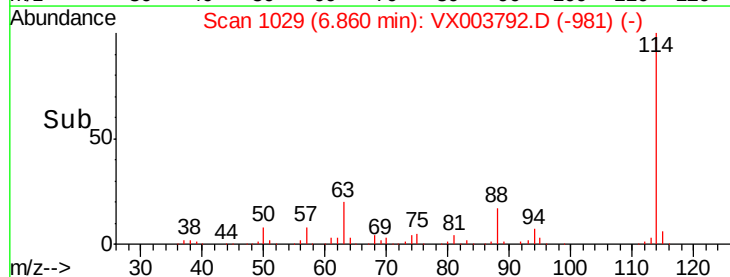
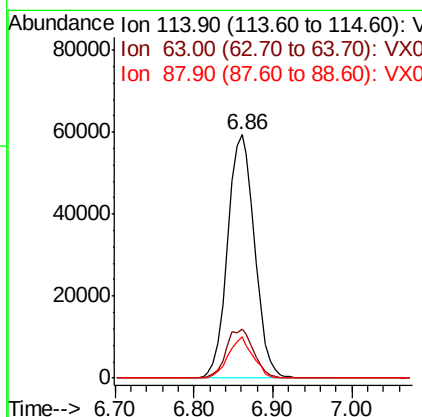
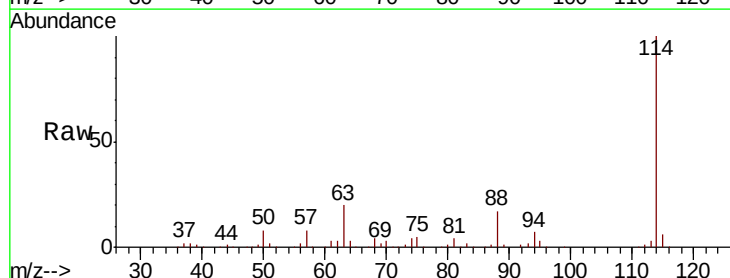
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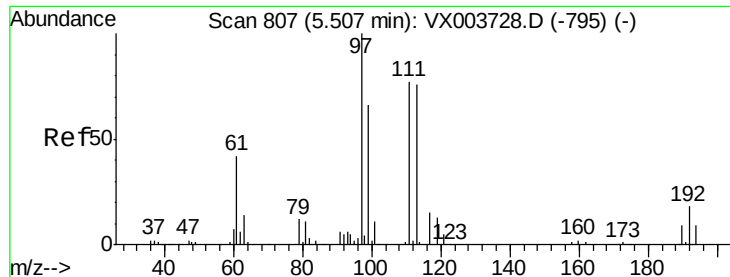
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Tgt Ion: 114 Resp: 141106
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 34.0
 88 16.8 0.0 26.4





#35

Dibromofluoromethane

Concen: 45.284 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

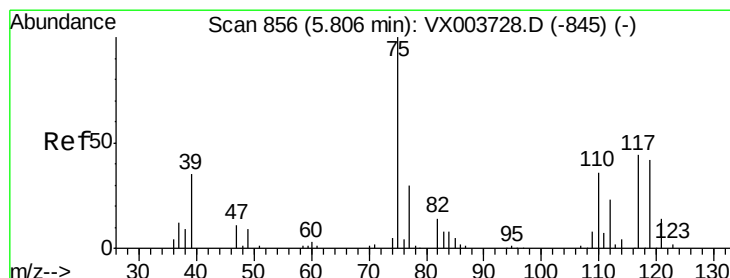
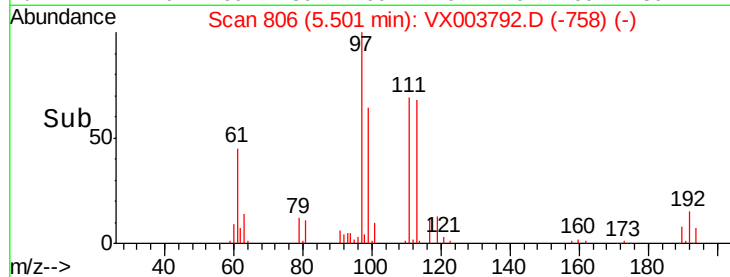
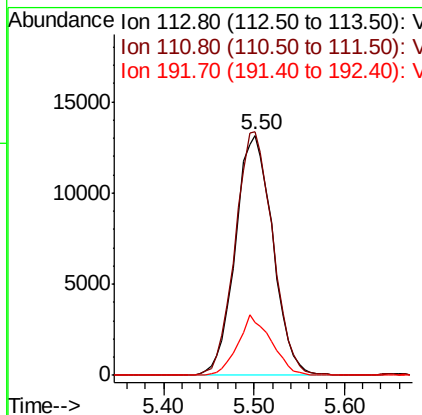
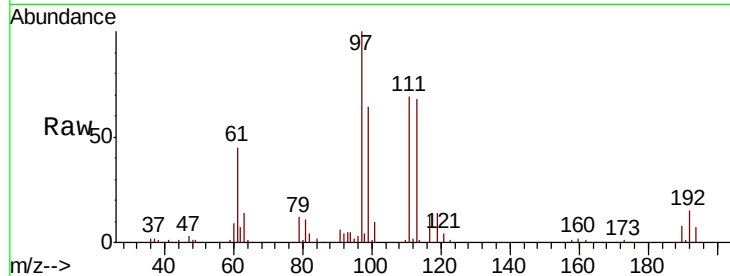
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	37625
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.6
192	22.4	18.8	28.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.849 ug/l

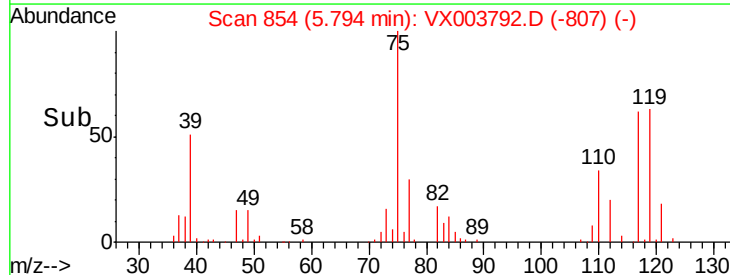
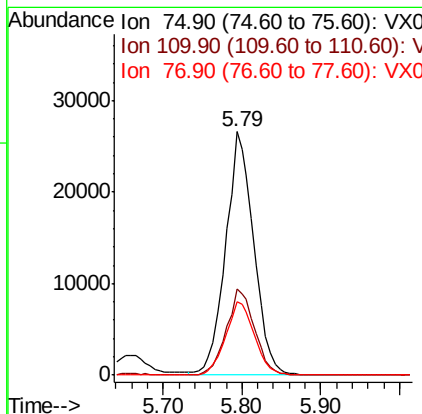
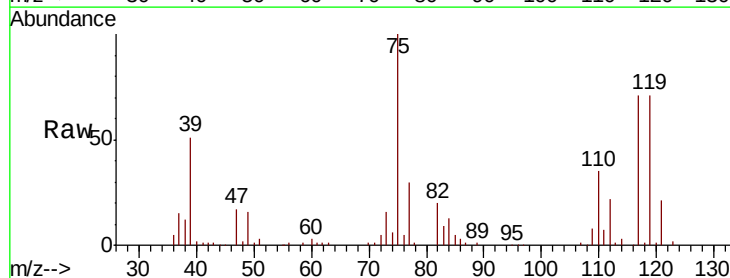
RT: 5.79 min Scan# 854

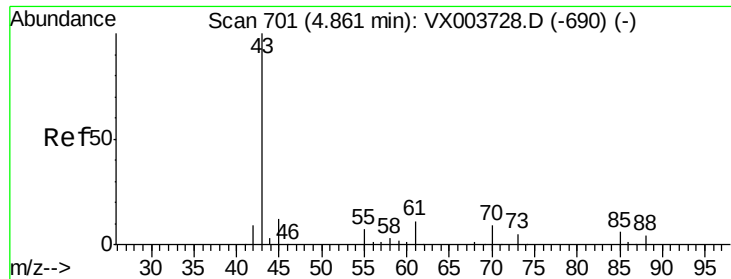
Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Tgt Ion:	75	Resp:	65873
Ion	Ratio	Lower	Upper
75	100		
110	35.3	18.3	54.8
77	30.8	25.1	37.7





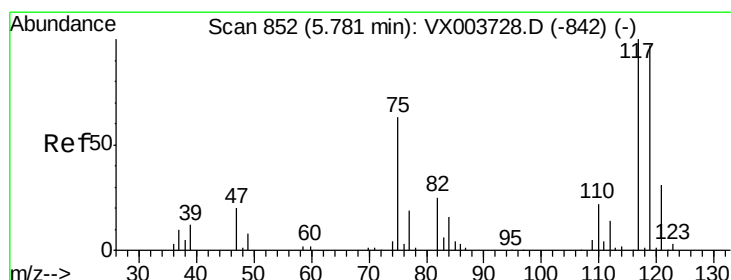
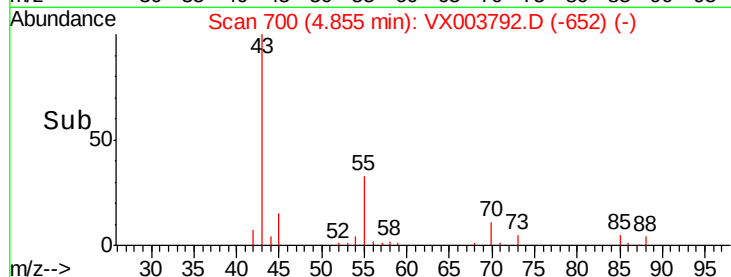
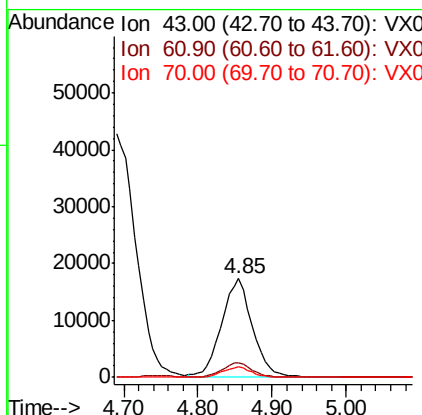
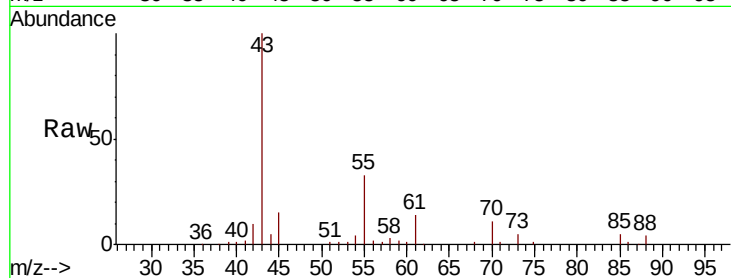
#37
Ethyl Acetate
Concen: 49.003 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.4	17.0
70	10.1	8.2	12.2

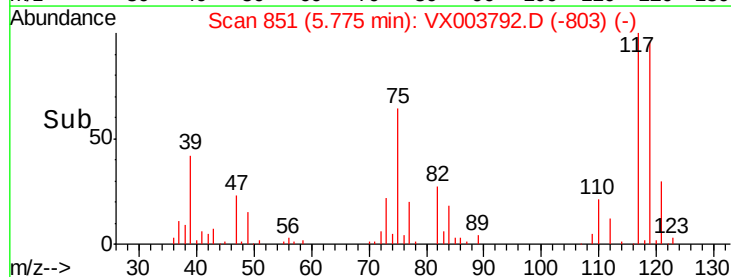
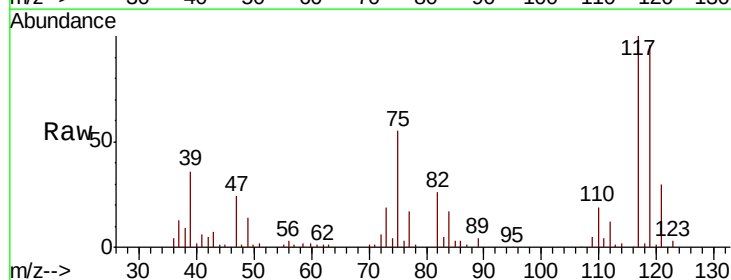
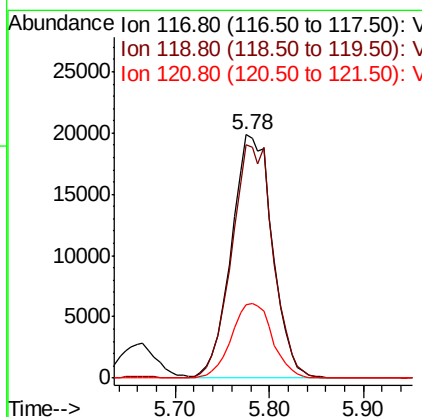
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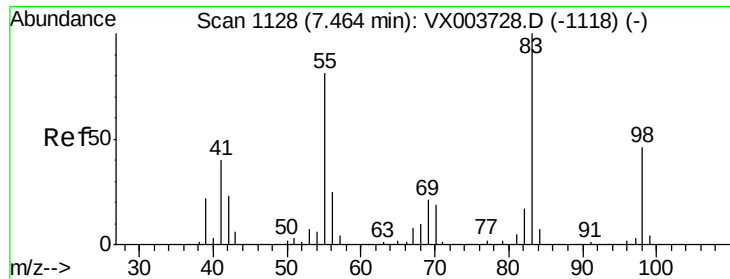
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#38
Carbon Tetrachloride
Concen: 49.429 ug/l
RT: 5.78 min Scan# 851
Delta R.T. -0.01 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.2	115.8
121	30.1	25.0	37.4





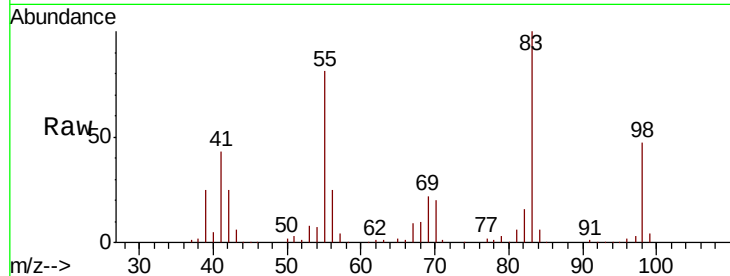
#39
Methylvlcyclohexane
Concen: 47.713 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.0	65.0	97.6
98	46.6	37.1	55.7

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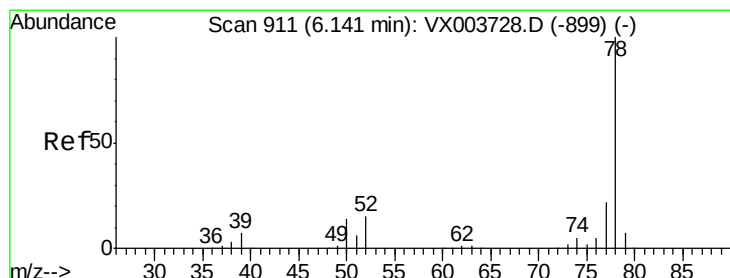
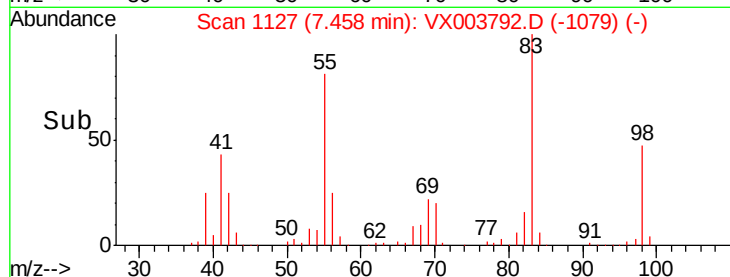
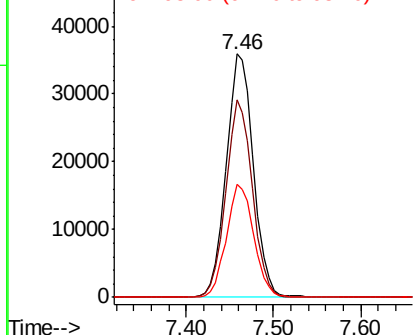


Abundance

Ion 83.00 (82.70 to 83.70): VX0

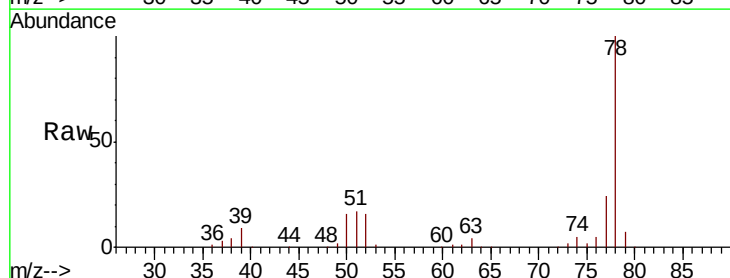
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 46.546 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

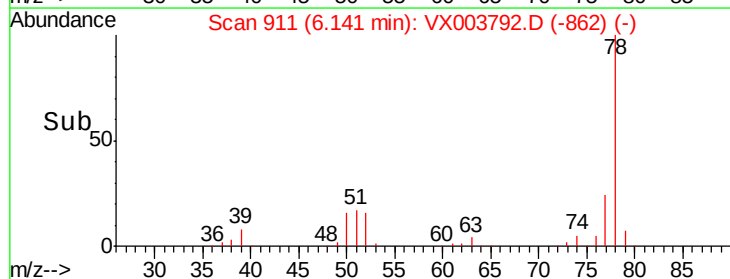
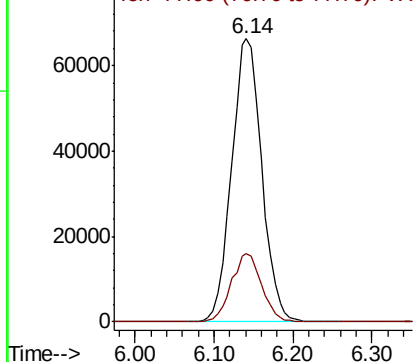
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	17.9	26.9

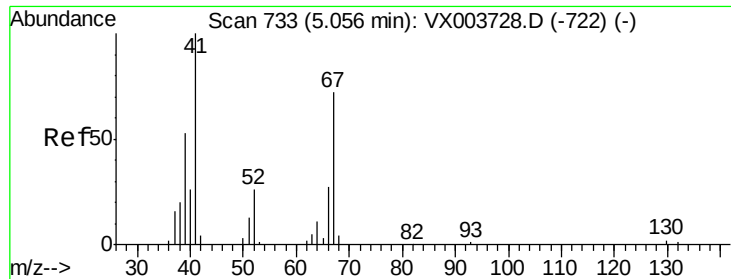


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





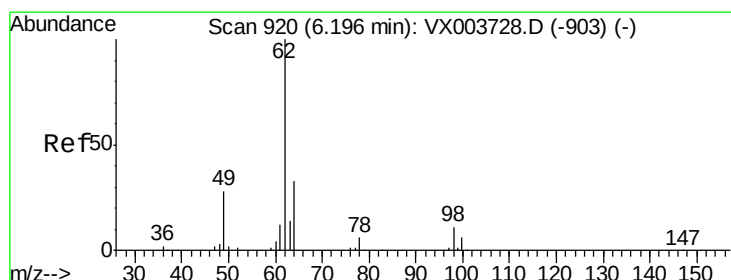
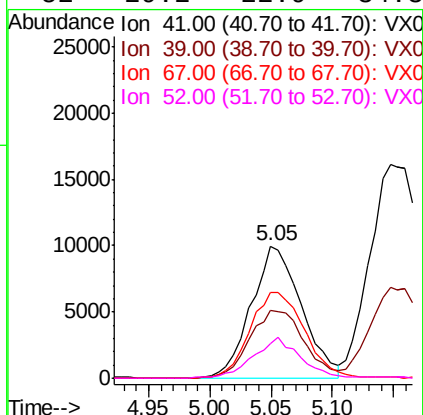
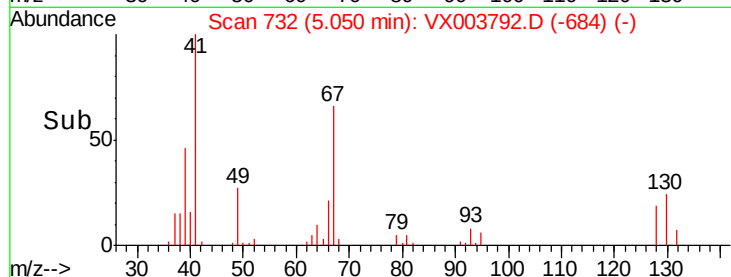
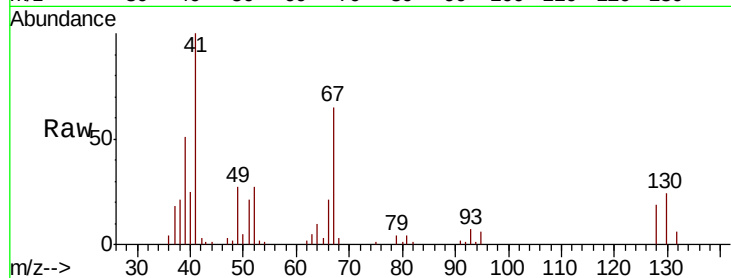
#41
Methacrylonitrile
Concen: 49.860 ug/l
RT: 5.05 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		28528		
39	55.8	42.6	64.0		
67	70.9	58.9	88.3		
52	29.2	22.9	34.3		

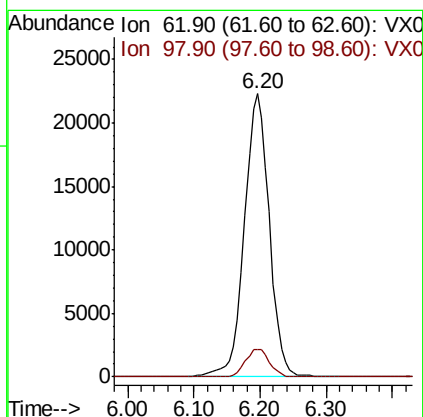
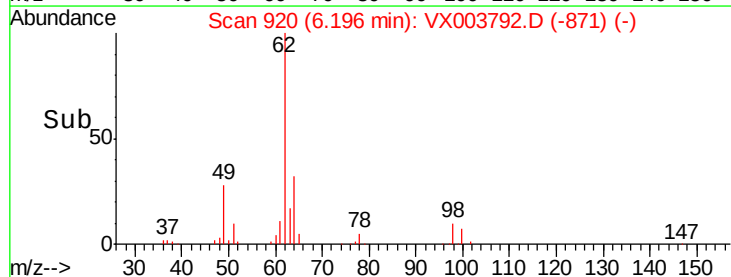
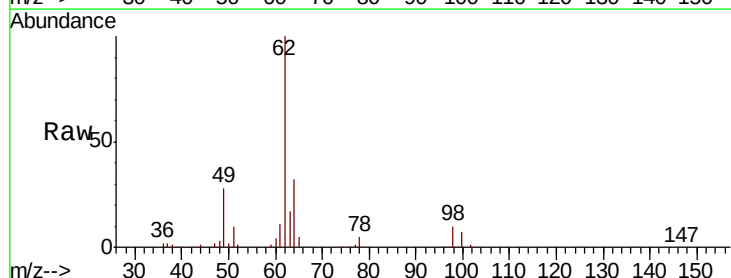
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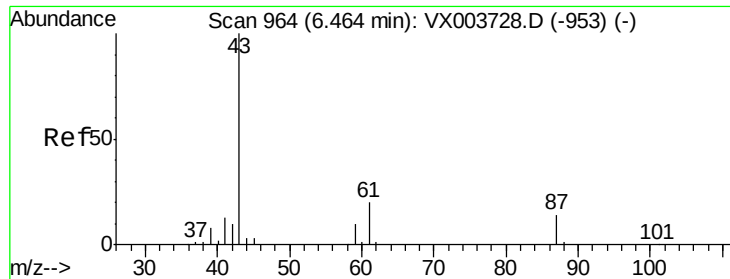
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#42
1,2-Dichloroethane
Concen: 51.019 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		58353		
98	9.4	0.0	20.4		





#43

Isopropyl Acetate

Concen: 49.541 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

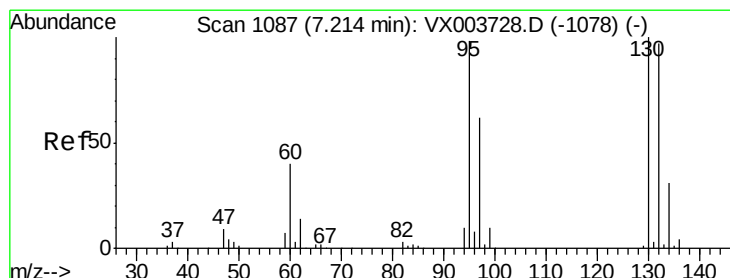
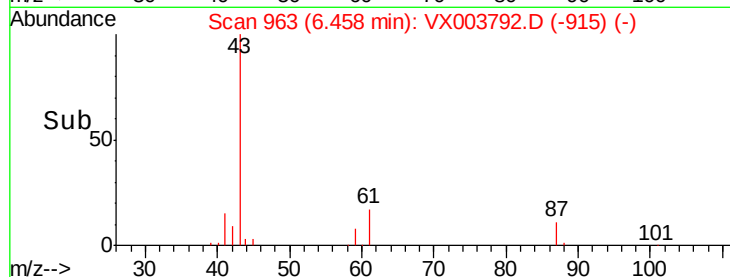
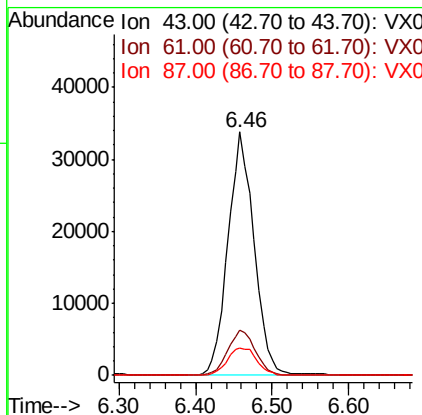
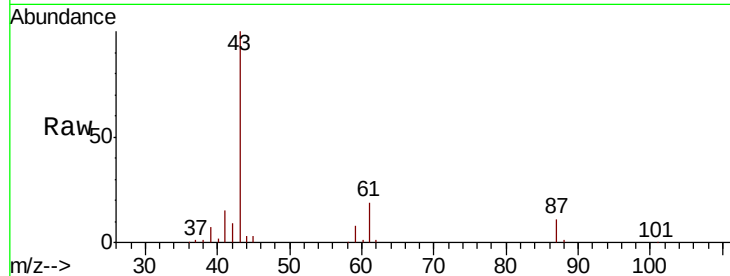
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	80125
Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.5	24.7
87	12.7	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 47.649 ug/l

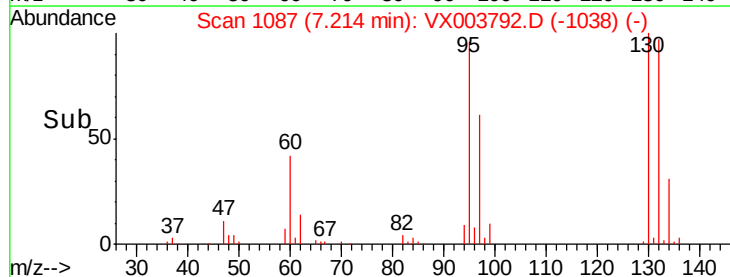
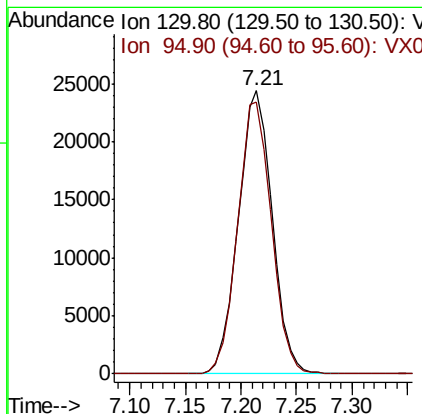
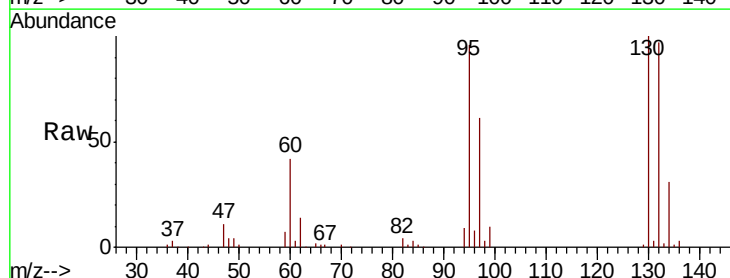
RT: 7.21 min Scan# 1087

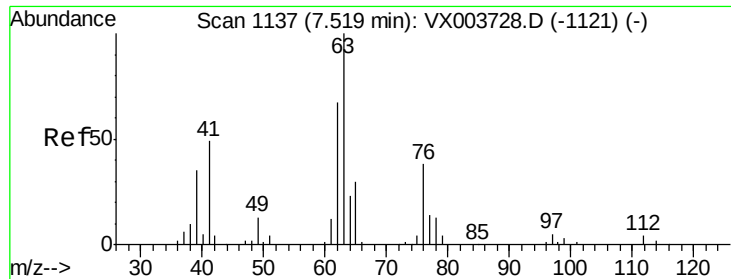
Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Tgt Ion:	130	Resp:	51474
Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	196.2





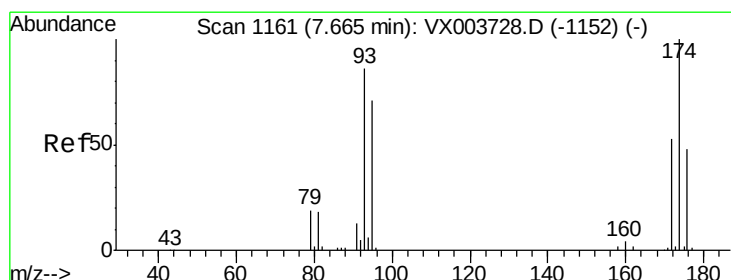
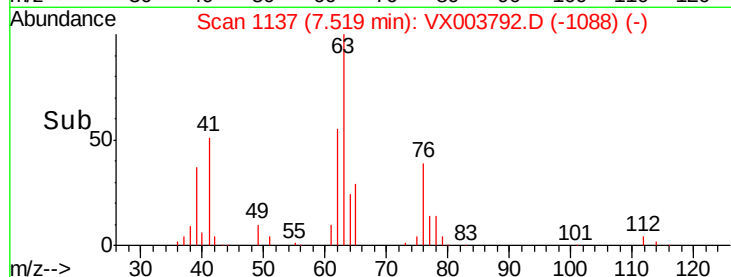
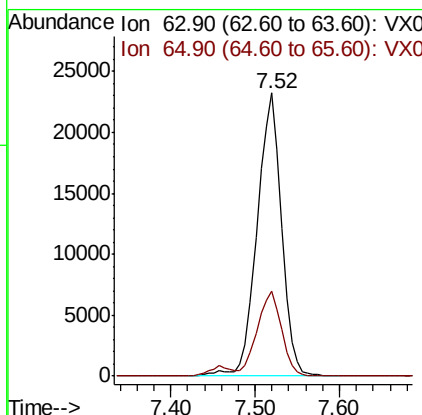
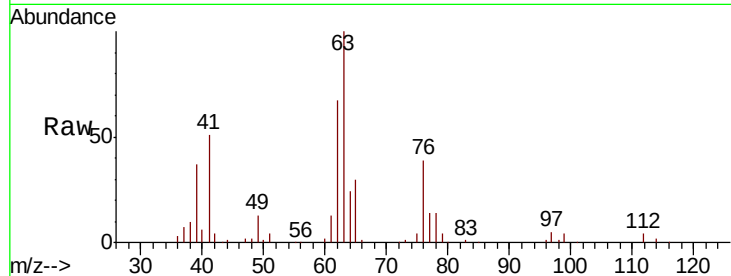
#45
 1,2-Dichloropropane
 Concen: 49.507 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 63 Resp: 46103
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.7 35.5

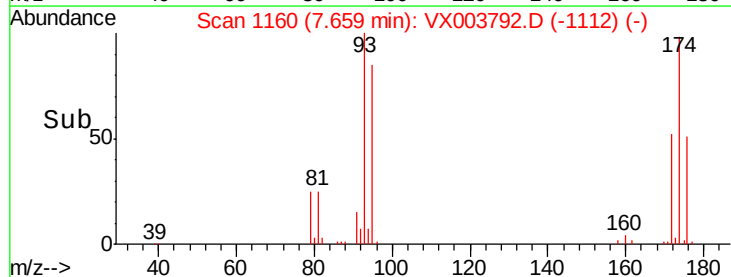
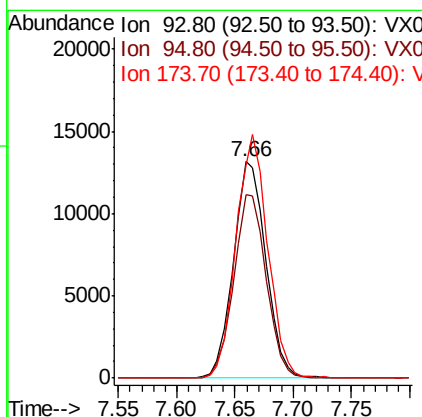
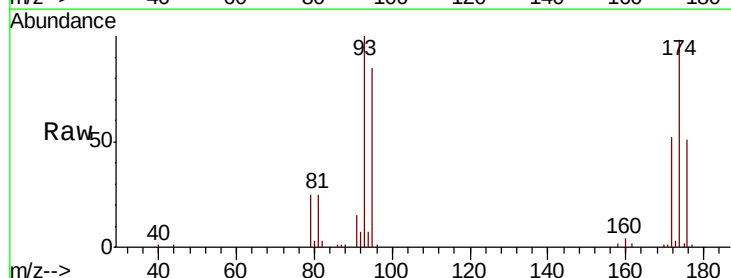
Manual Integrations
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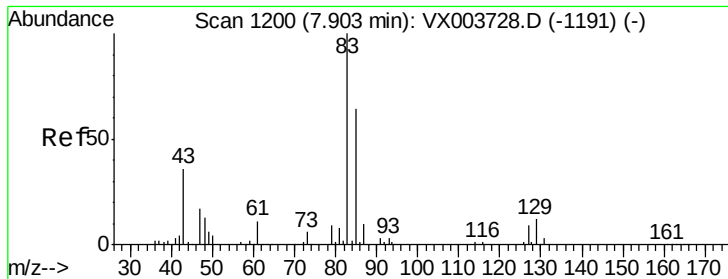
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#46
 Dibromomethane
 Concen: 47.543 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Tgt Ion: 93 Resp: 25514
 Ion Ratio Lower Upper
 93 100
 95 84.8 68.1 102.1
 174 110.3 96.2 144.4





#47

Bromodichloromethane

Concen: 49.727 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

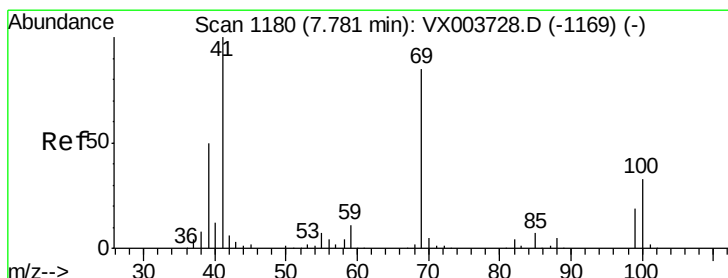
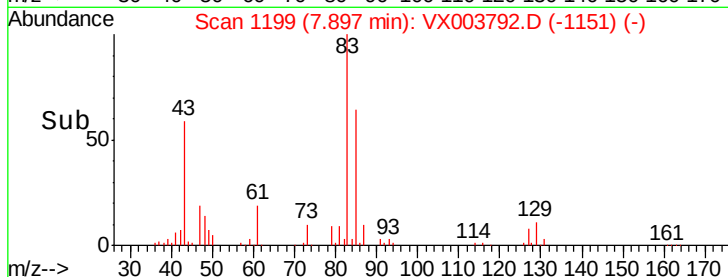
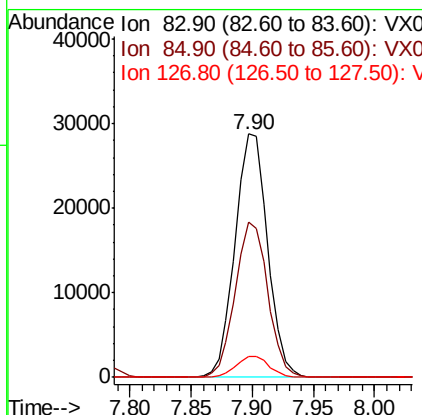
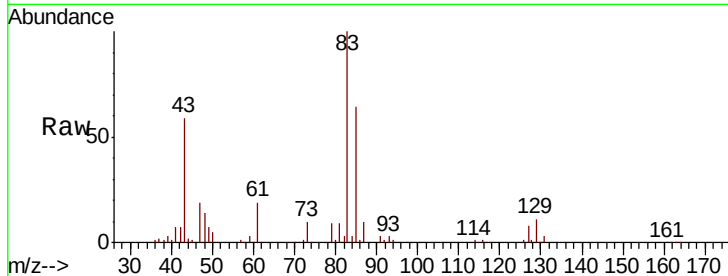
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	53180
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.1	76.7
127	8.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.218 ug/l

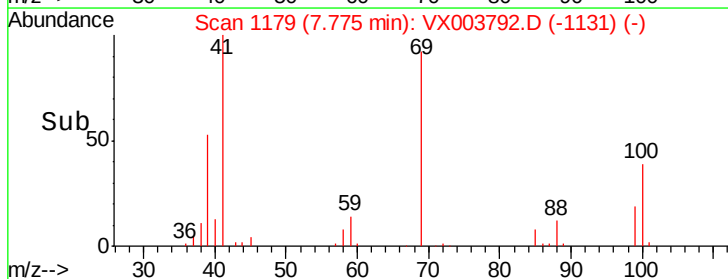
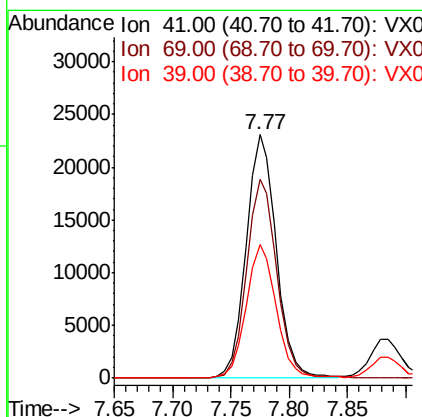
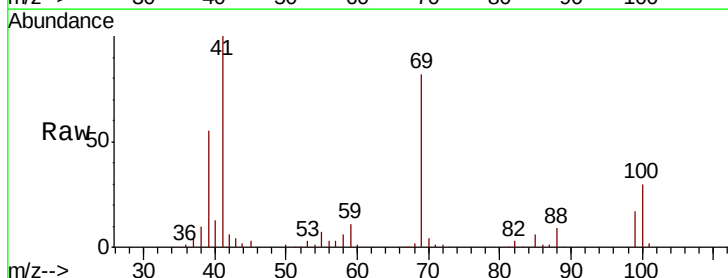
RT: 7.77 min Scan# 1179

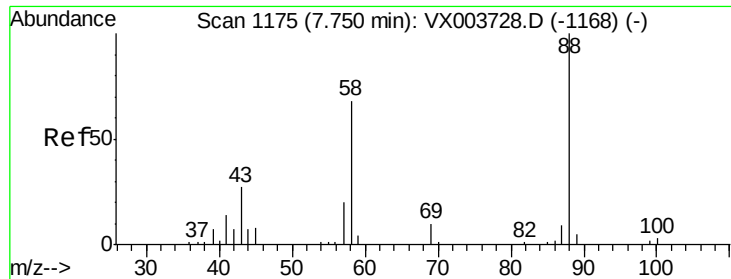
Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Tgt Ion:	41	Resp:	41551
Ion	Ratio	Lower	Upper
41	100		
69	81.9	68.7	103.1
39	54.8	40.8	61.2





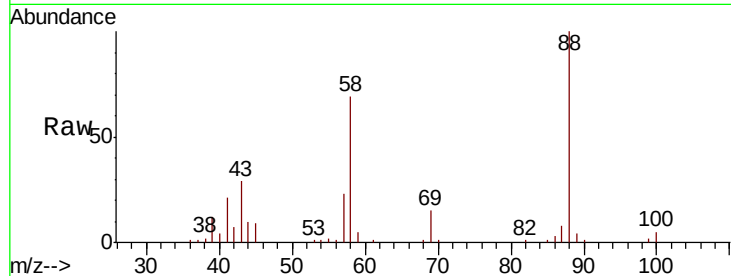
#49
1,4-Dioxane
Concen: 1074.086 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.0	39.0
58	71.1	57.1	85.7

Manual Integrations
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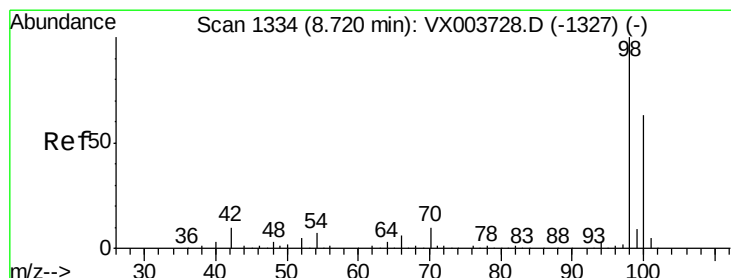
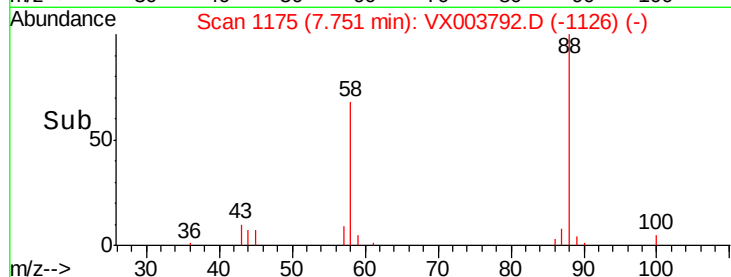
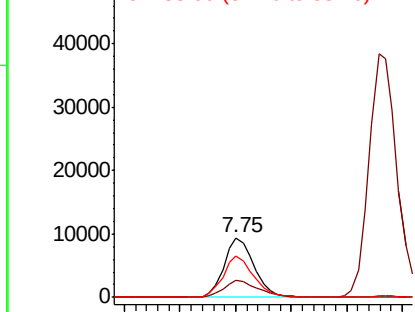


Abundance

Ion 88.00 (87.70 to 88.70): VX0

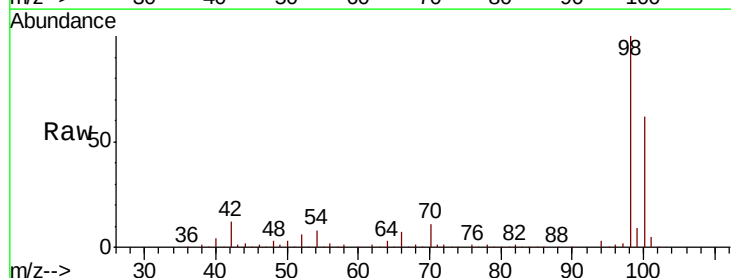
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 44.532 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

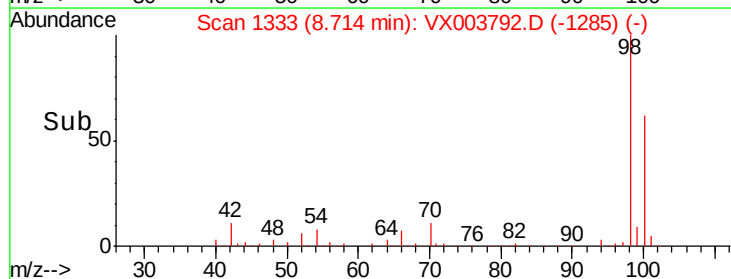
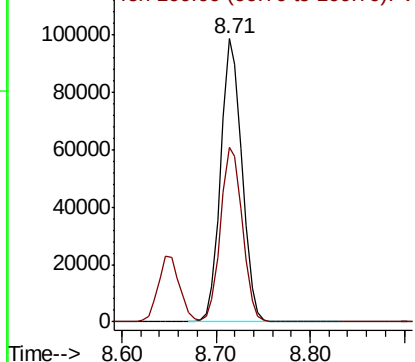
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.4	77.0

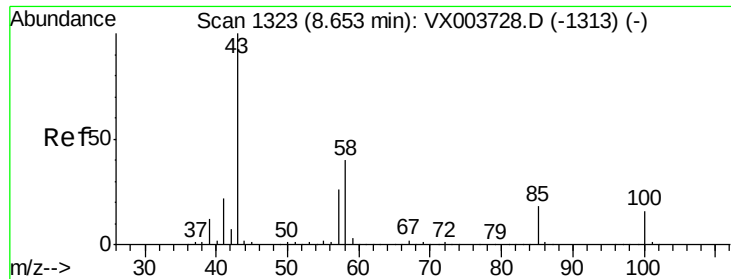


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 256.188 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 254640

Ion Ratio Lower Upper

43 100

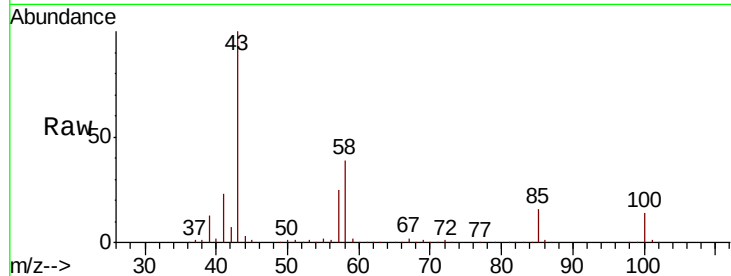
58 38.5 32.1 48.1

Manual Integrations

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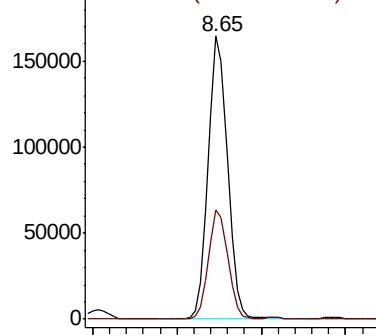
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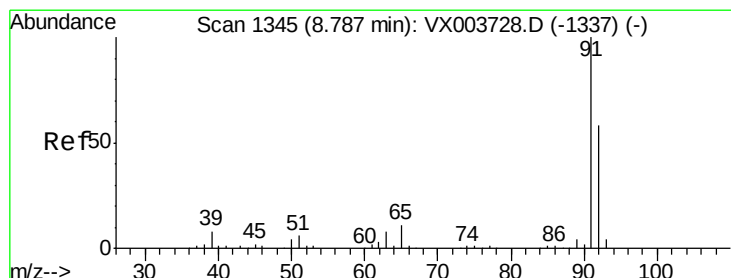
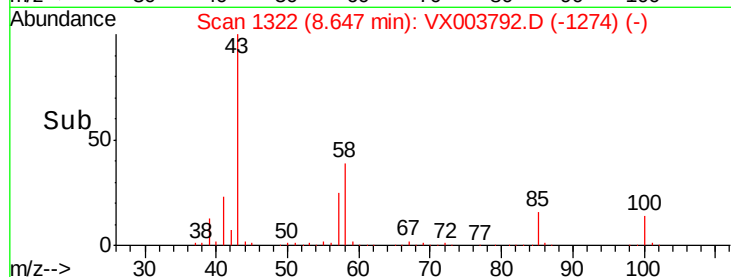


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 48.336 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003792.D

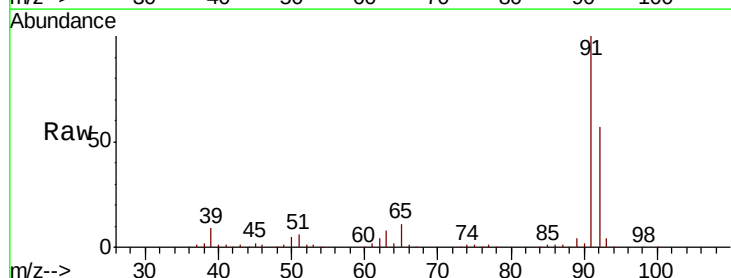
Acq: 01 Aug 2018 14:11

Tgt Ion: 92 Resp: 114179

Ion Ratio Lower Upper

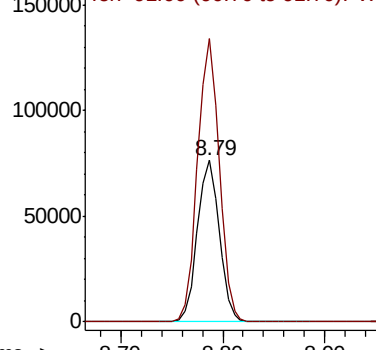
92 100

91 173.6 139.4 209.2

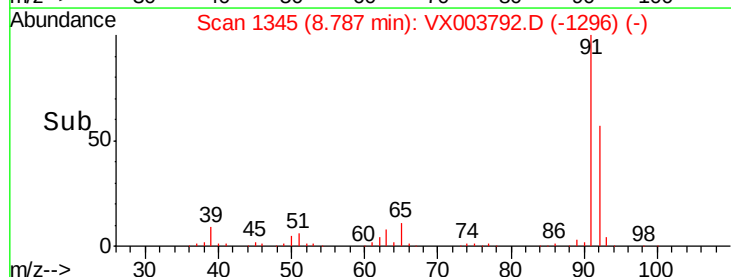


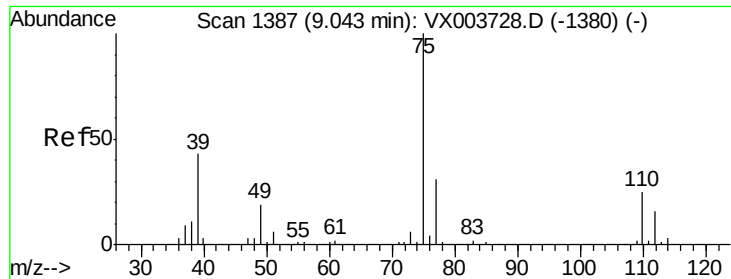
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





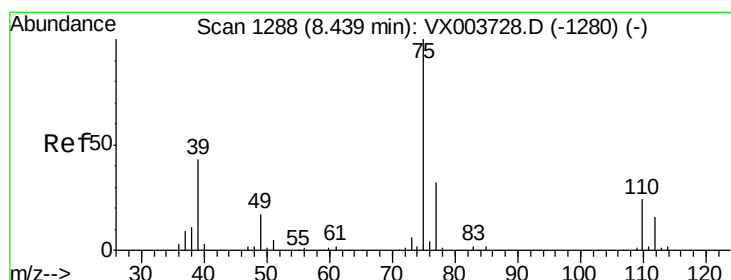
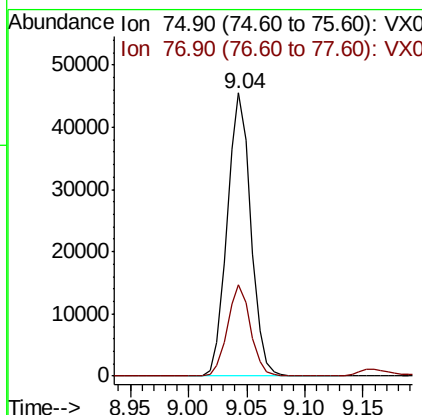
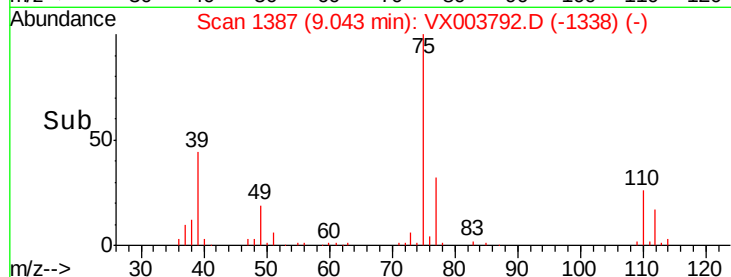
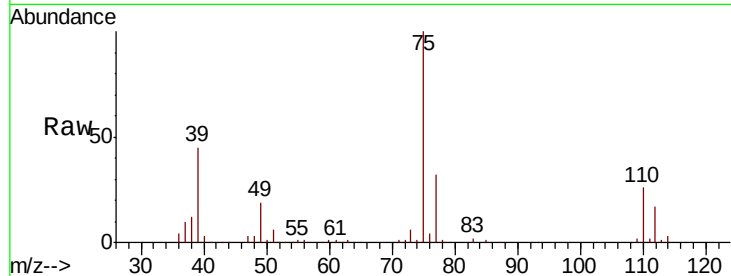
#53
 t-1,3-Dichloropropene
 Concen: 52.510 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 64137
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.9 37.3

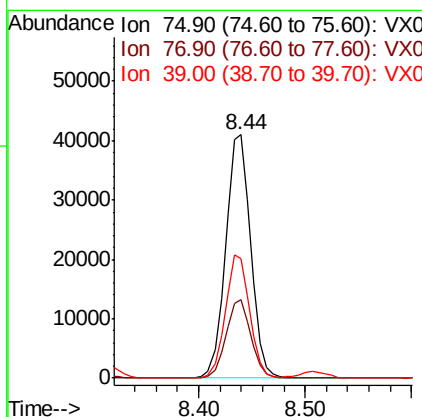
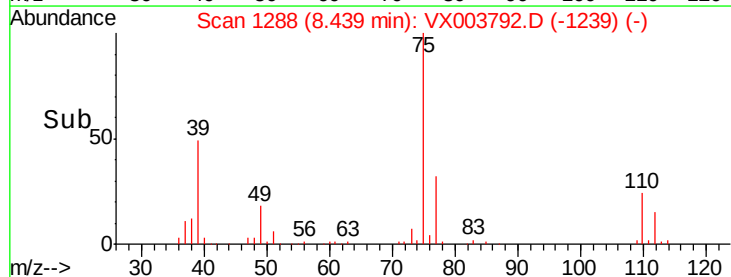
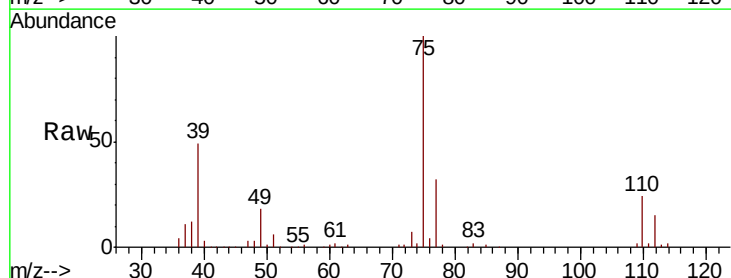
Manual Integrations
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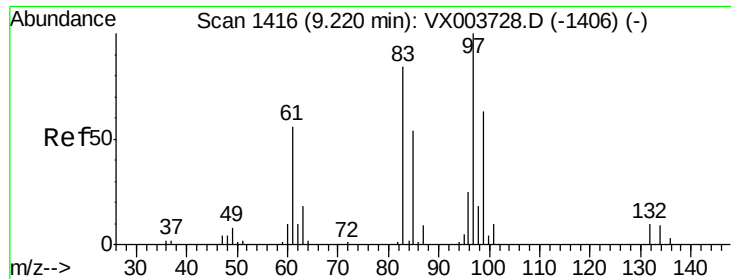
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#54
 cis-1,3-Dichloropropene
 Concen: 49.342 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Tgt Ion: 75 Resp: 67178
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9
 39 48.6 34.1 51.1





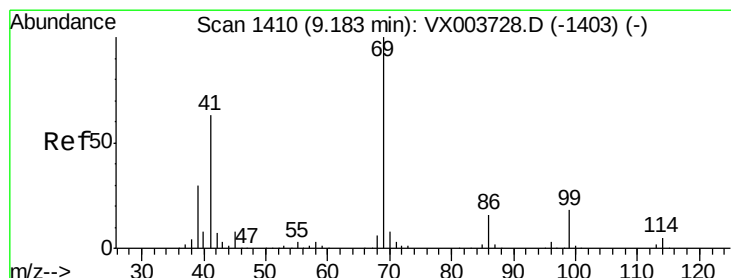
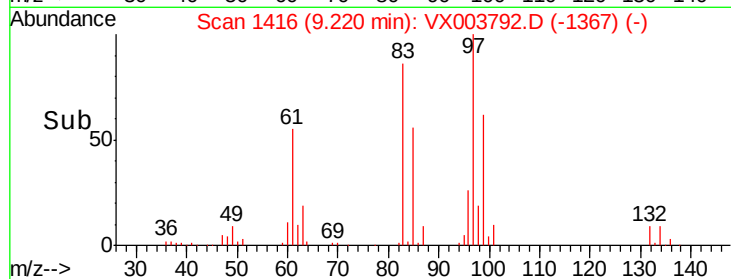
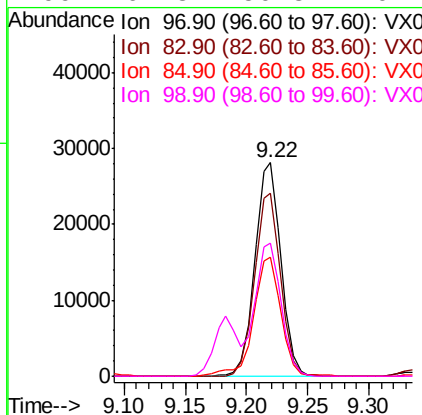
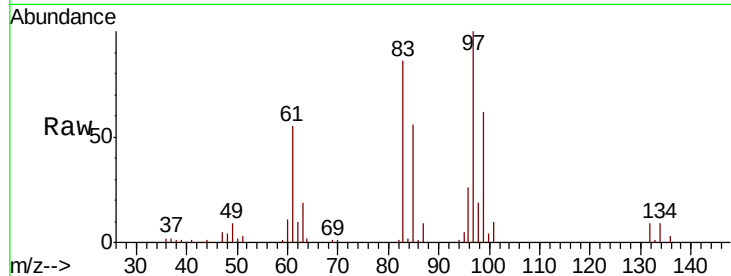
#55
 1,1,2-Trichloroethane
 Concen: 51.555 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	41913
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.4	101.0
85	55.9	43.3	64.9
99	62.3	50.8	76.2

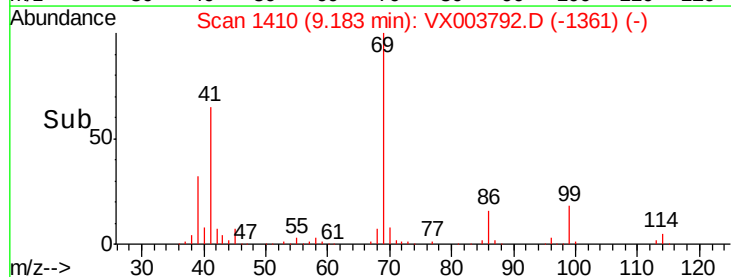
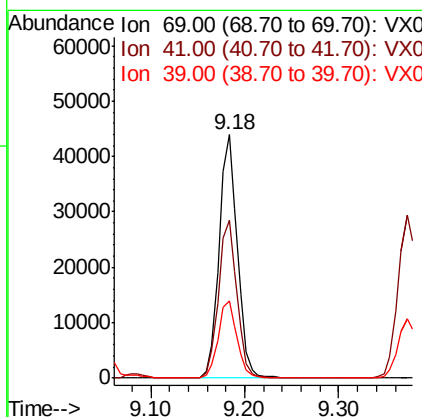
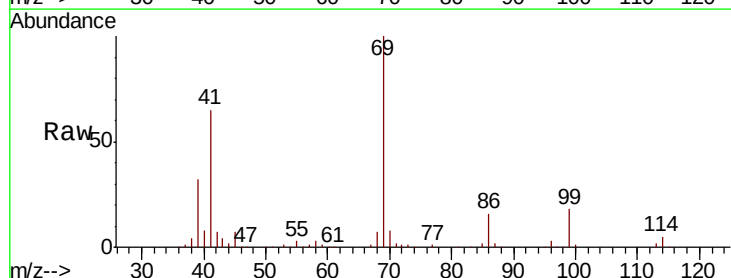
Manual Integrations
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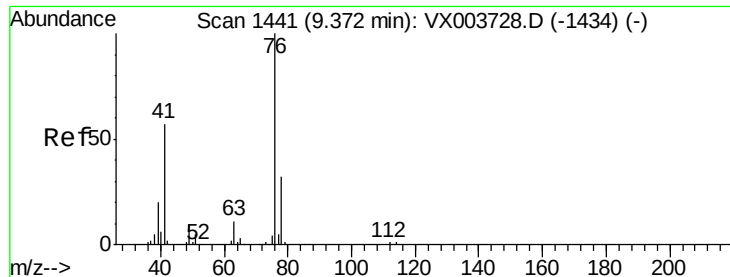
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#56
 Ethyl methacrylate
 Concen: 52.934 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Tgt Ion:	69	Resp:	59112
Ion	Ratio	Lower	Upper
69	100		
41	65.8	51.6	77.4
39	33.1	25.1	37.7





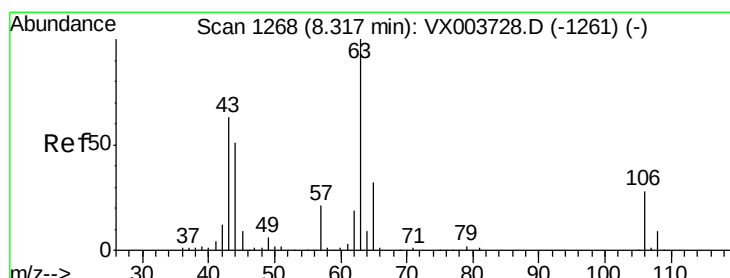
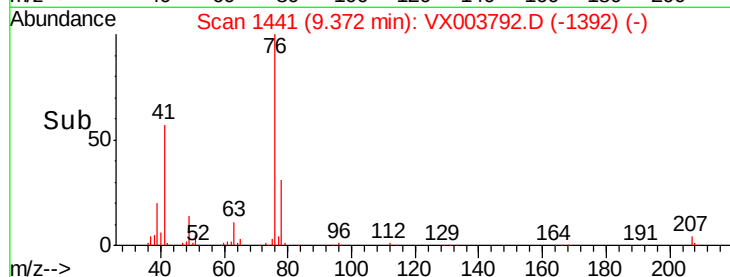
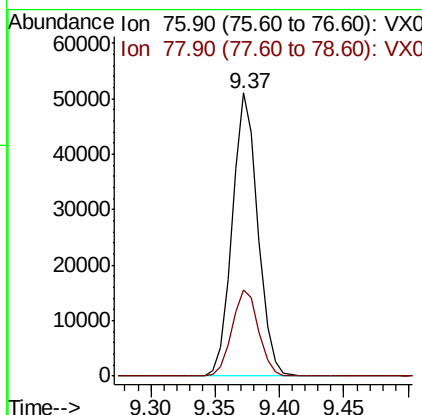
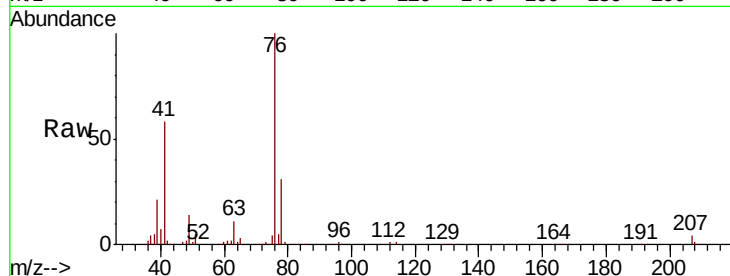
#57
 1,3-Dichloropropane
 Concen: 51.794 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 70684
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.7 38.5

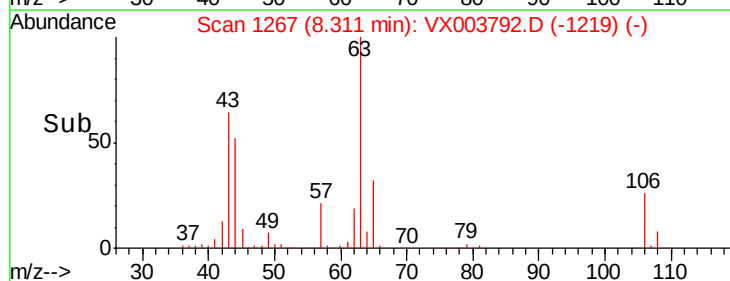
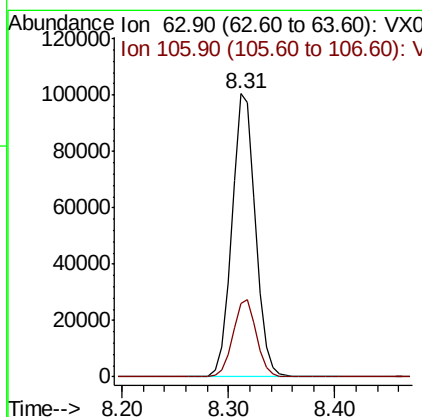
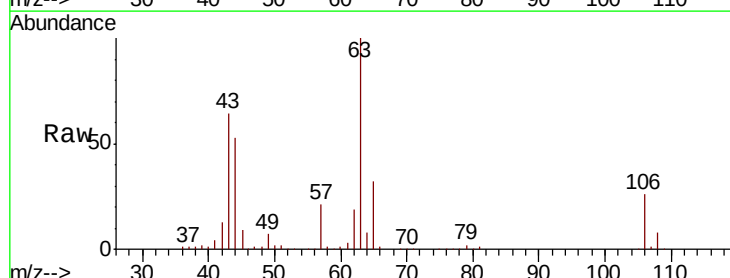
Manual Integrations
 APPROVED

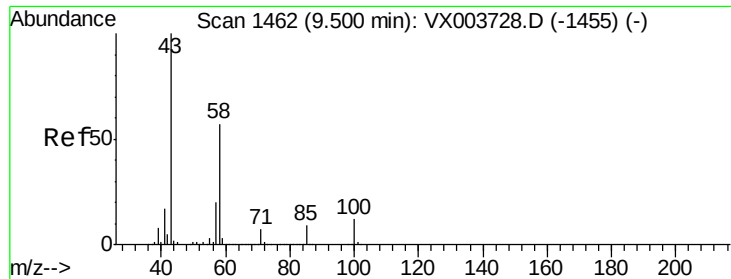
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#58
 2-Chloroethyl Vinyl ether
 Concen: 259.125 ug/l
 RT: 8.31 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Tgt Ion: 63 Resp: 154799
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.5 33.7





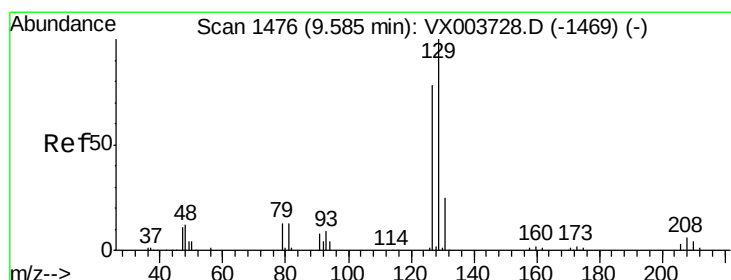
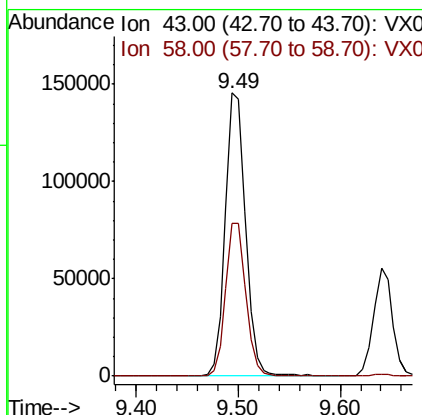
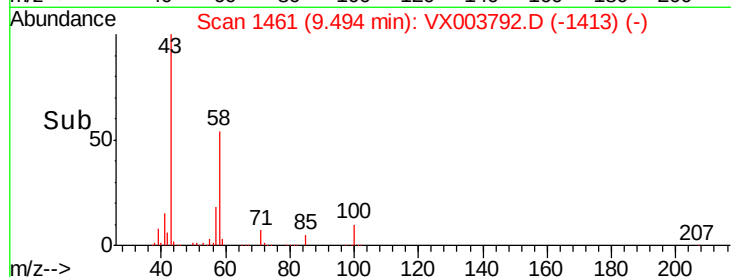
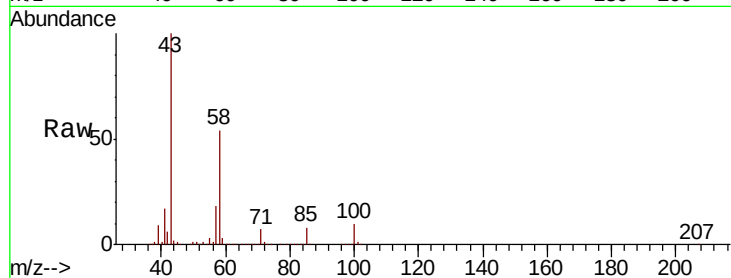
#59
2-Hexanone
Concen: 264.875 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	28.0	83.9

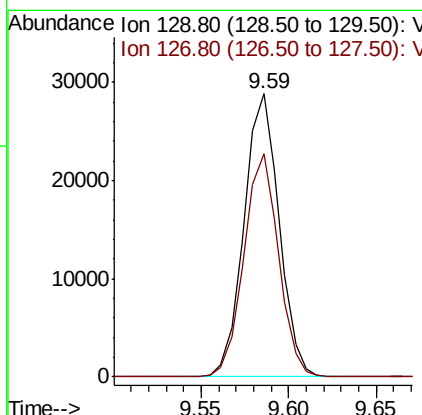
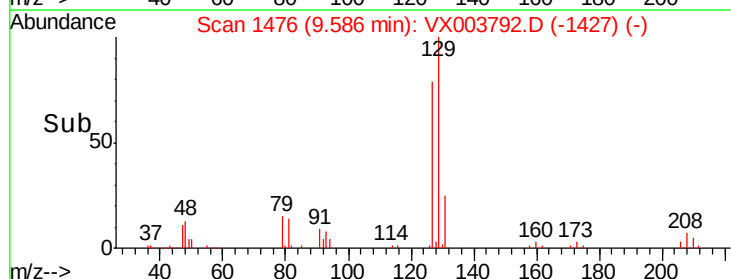
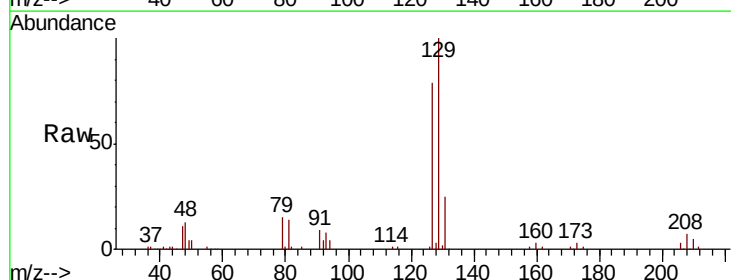
Manual Integrations
APPROVED

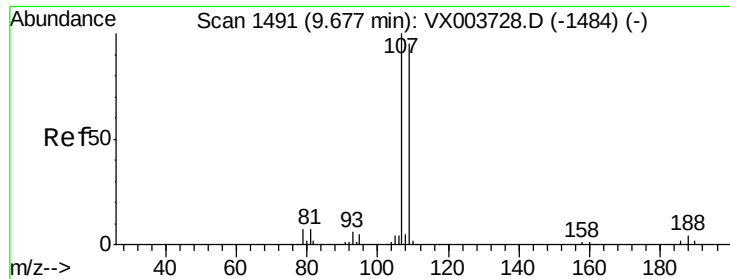
apatel
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#60
Dibromochloromethane
Concen: 49.135 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.8	116.4





#61

1,2-Dibromoethane

Concen: 46.486 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 38586

Ion Ratio Lower Upper

107 100

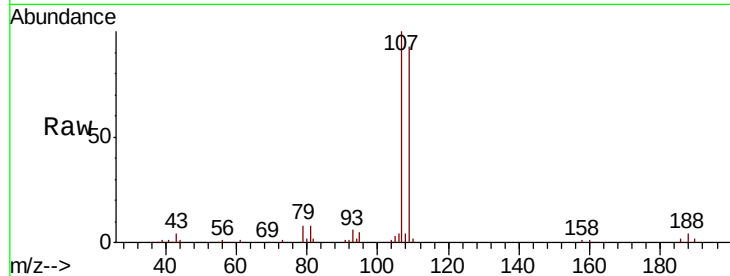
109 93.8 75.0 112.6

Manual Integrations

APPROVED

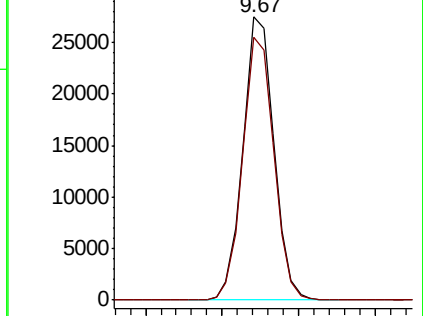
apatel

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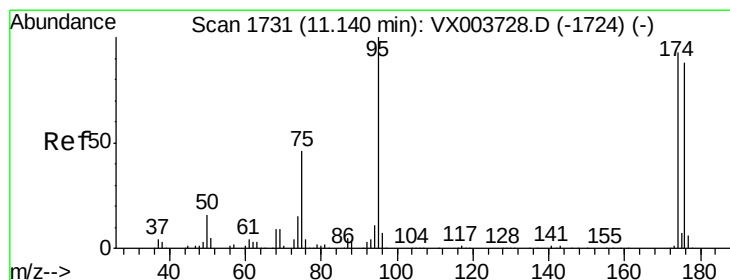
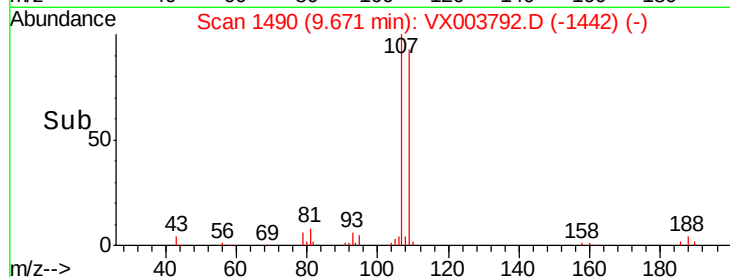


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 44.705 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

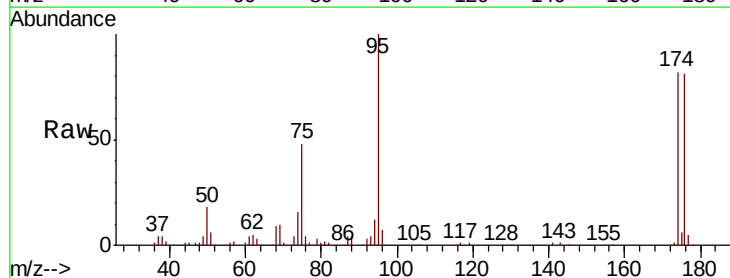
Tgt Ion: 95 Resp: 57100

Ion Ratio Lower Upper

95 100

174 87.1 0.0 186.2

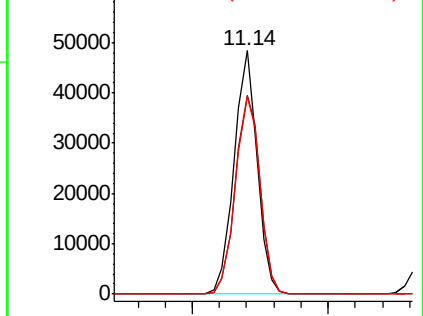
176 86.1 0.0 179.2



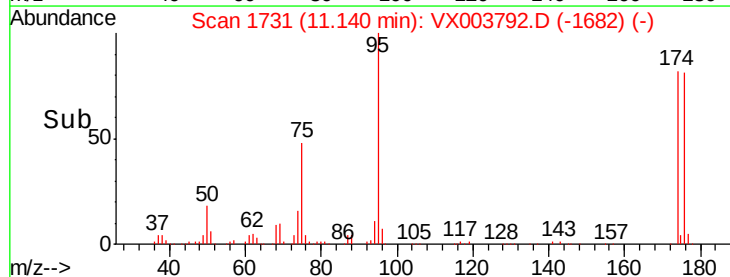
Abundance Ion 94.90 (94.60 to 95.60): VX0

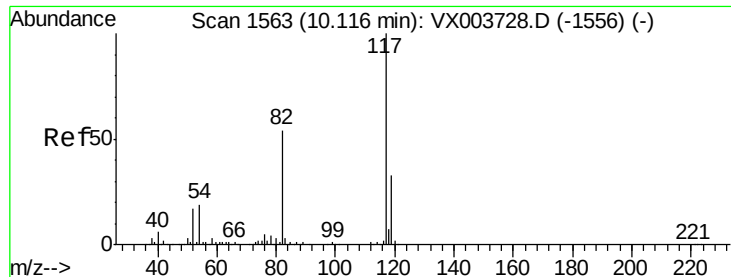
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





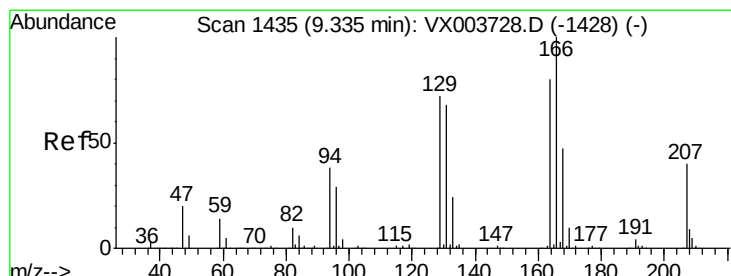
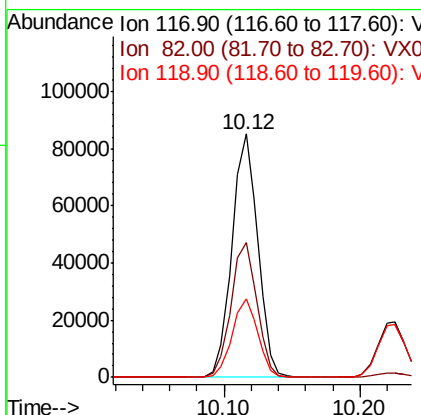
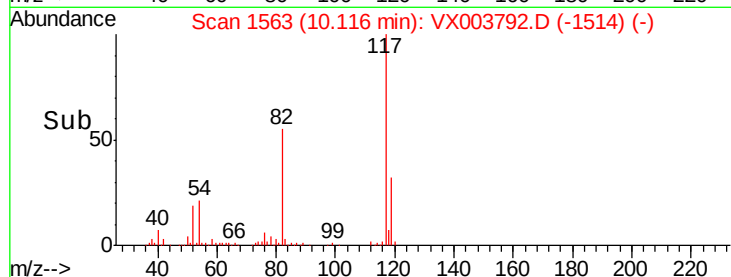
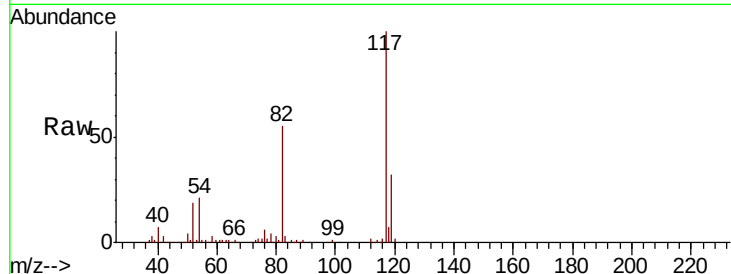
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	111869		
82	55.1	43.2	64.8	
119	32.4	26.3	39.5	

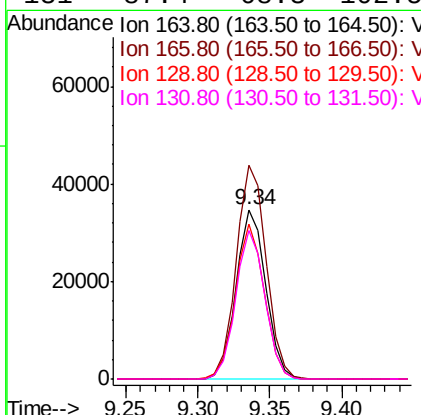
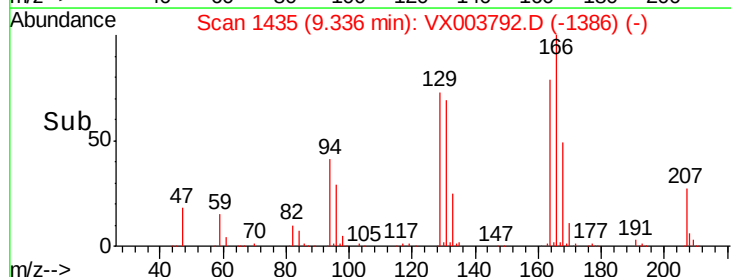
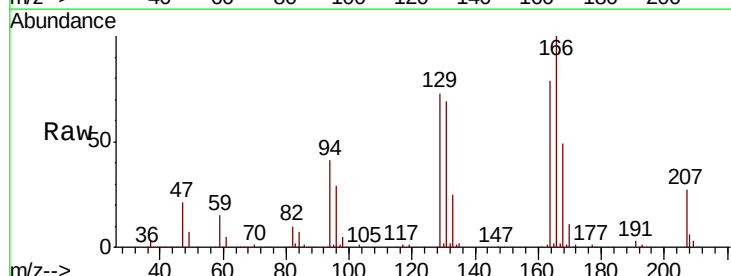
Manual Integrations
APPROVED

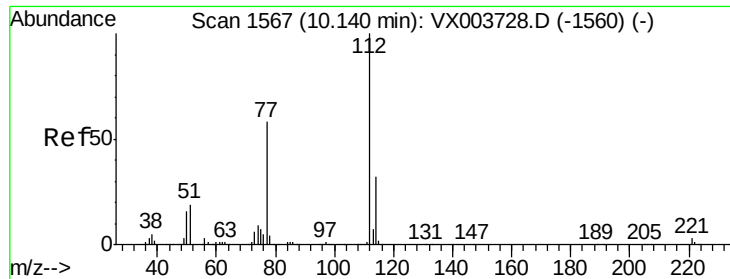
apatel
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#64
Tetrachloroethene
Concen: 56.417 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49609		
166	126.0	100.4	150.6	
129	91.4	71.8	107.8	
131	87.4	68.3	102.5	





#65

Chlorobenzene

Concen: 50.830 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 118825

Ion Ratio Lower Upper

112 100

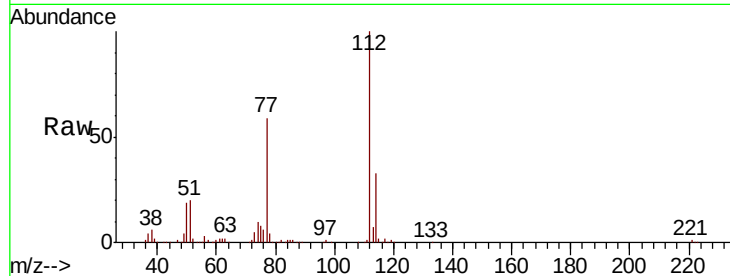
114 32.7 25.7 38.5

Manual Integrations

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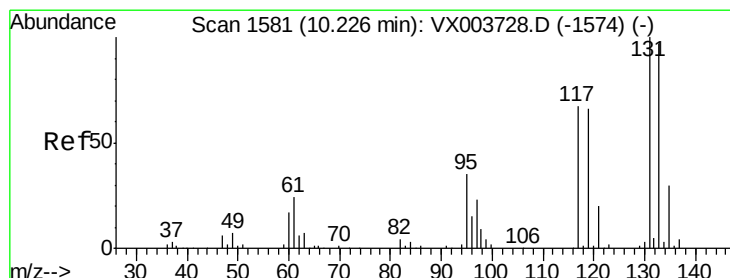
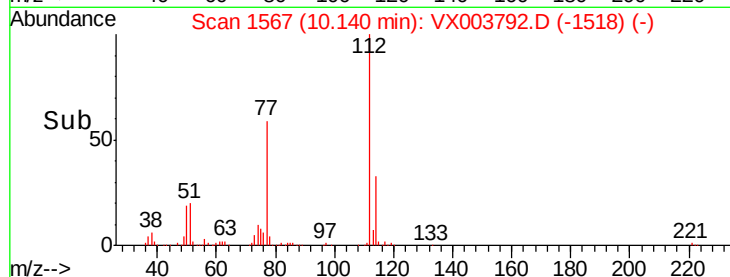
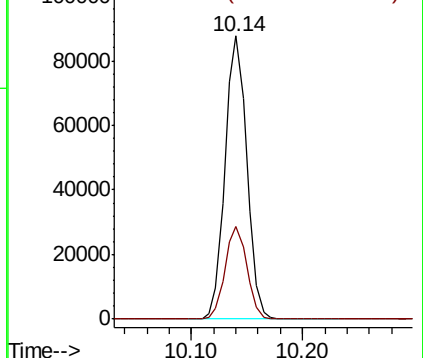
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.769 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

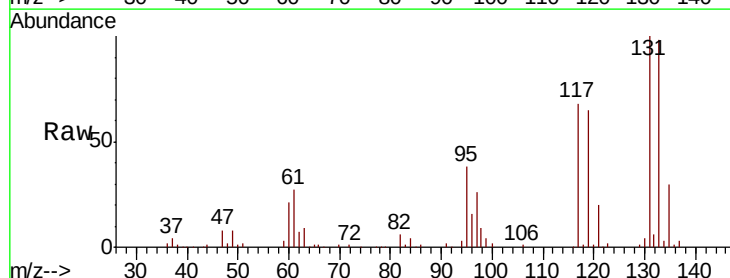
Tgt Ion:131 Resp: 40228

Ion Ratio Lower Upper

131 100

133 96.7 47.6 142.9

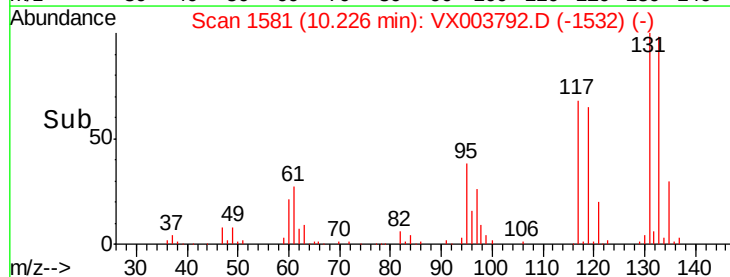
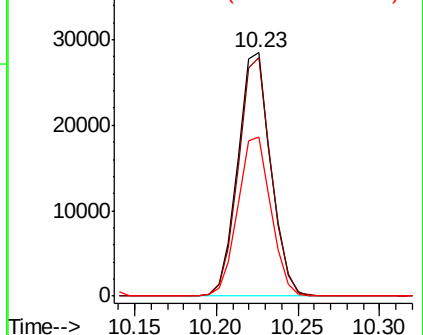
119 65.6 32.8 98.3

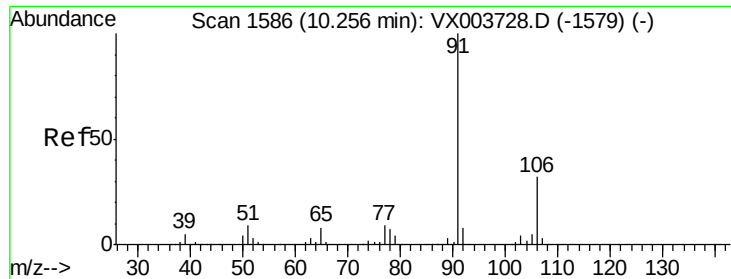


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 55.391 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 218642

Ion Ratio Lower Upper

91 100

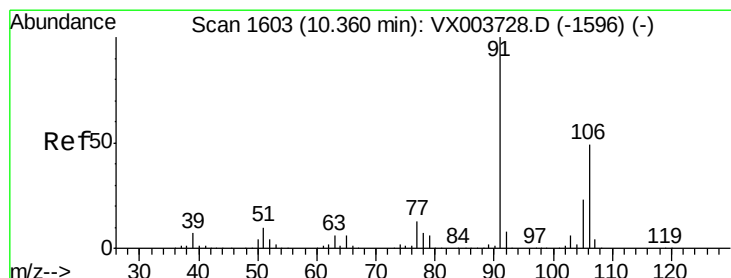
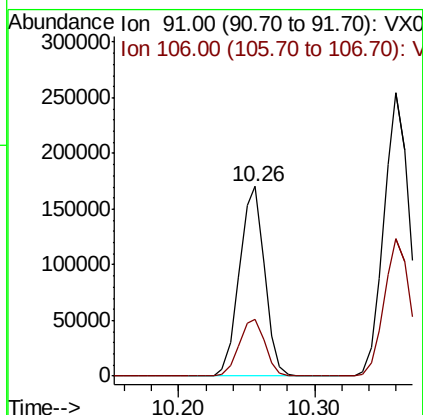
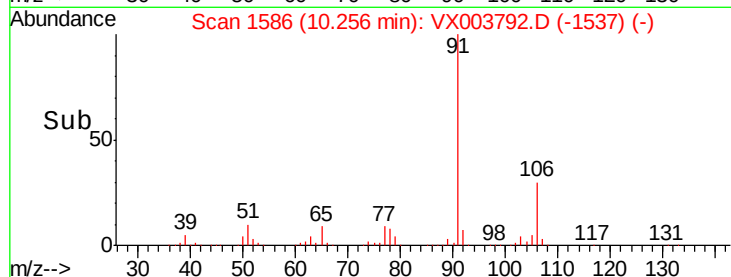
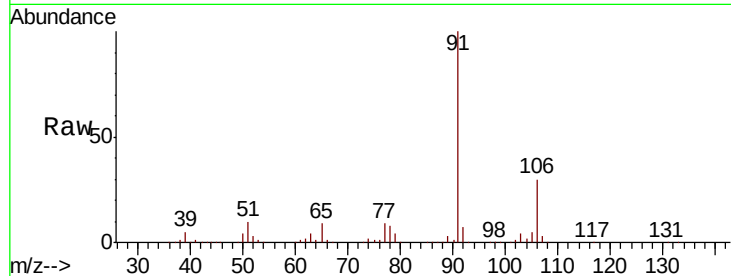
106 30.0 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 105.631 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003792.D

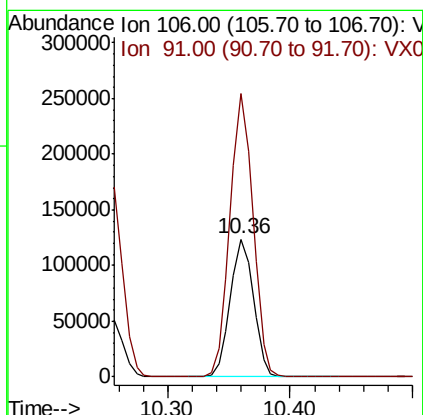
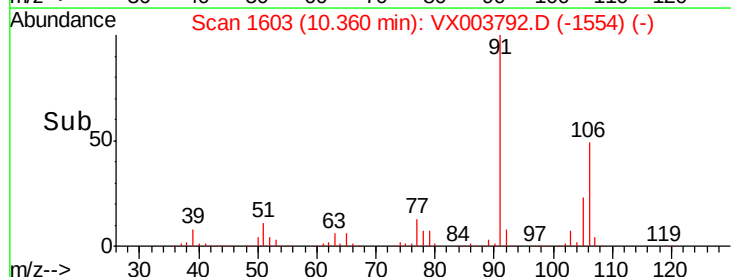
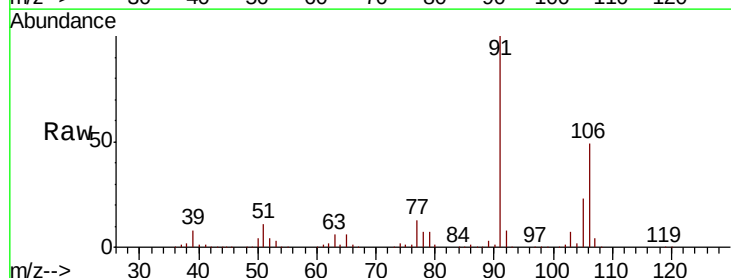
Acq: 01 Aug 2018 14:11

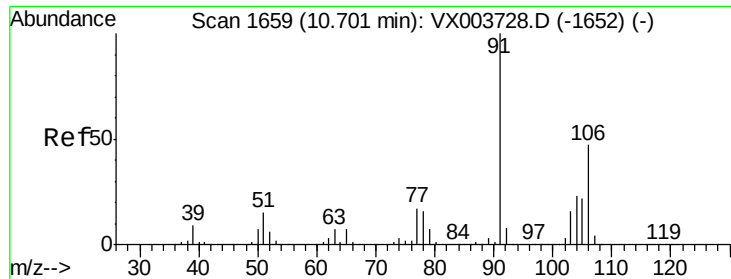
Tgt Ion: 106 Resp: 163106

Ion Ratio Lower Upper

106 100

91 204.0 159.8 239.8





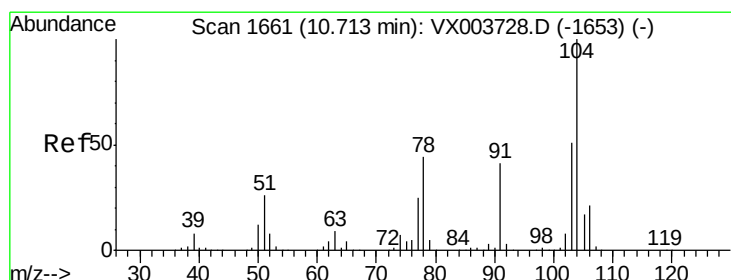
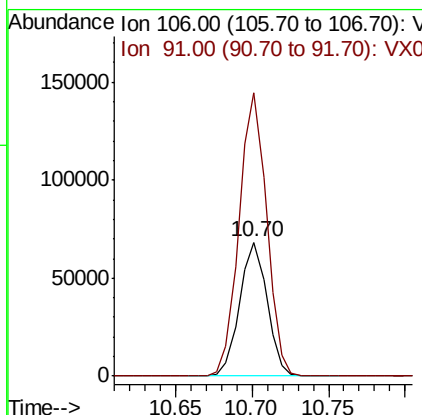
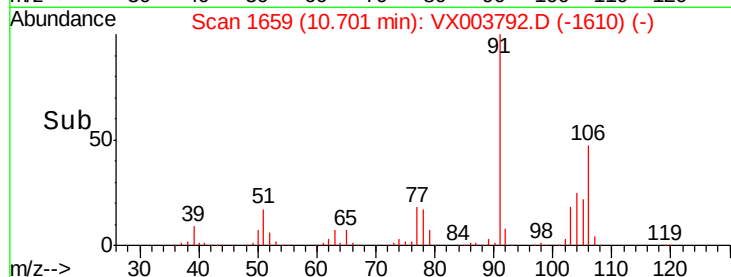
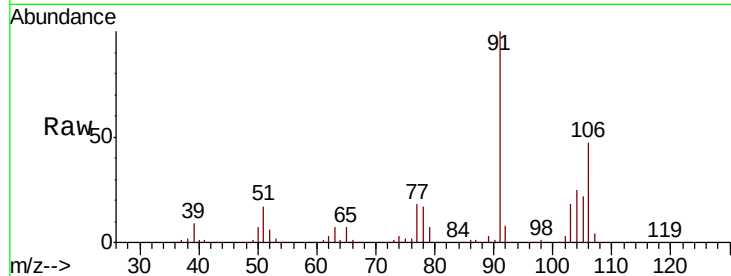
#69
o-Xylene
Concen: 59.715 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 85618
Ion Ratio Lower Upper
106 100
91 211.5 105.6 316.8

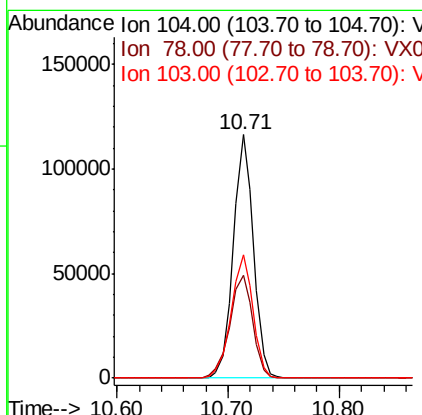
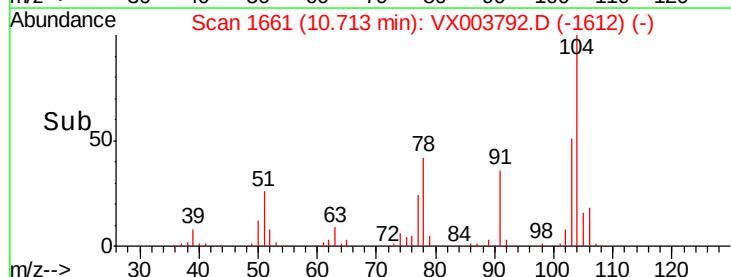
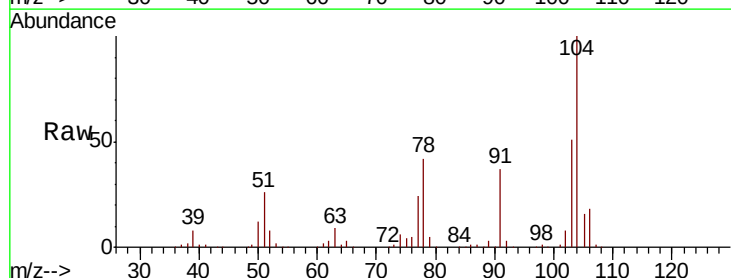
Manual Integrations
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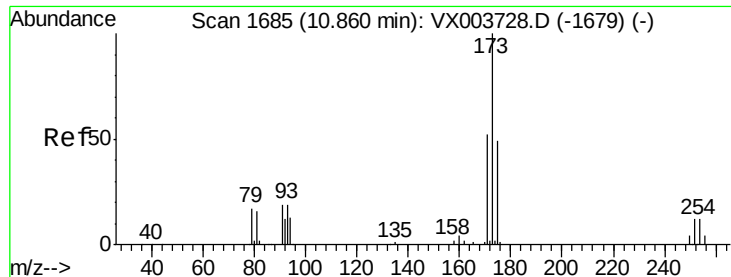
apatel
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#70
Styrene
Concen: 60.127 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Tgt Ion:104 Resp: 145034
Ion Ratio Lower Upper
104 100
78 48.2 38.2 57.2
103 55.2 44.5 66.7





#71

Bromoform

Concen: 58.875 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

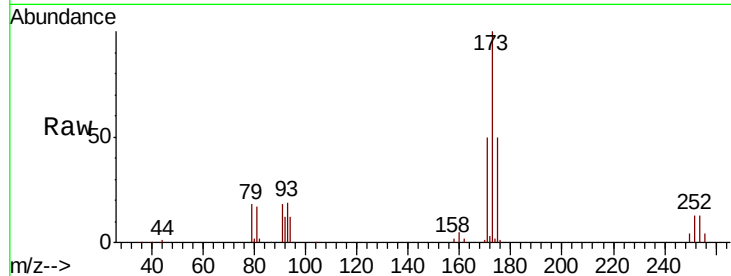
ClientSampleId :

VSTDCCC050

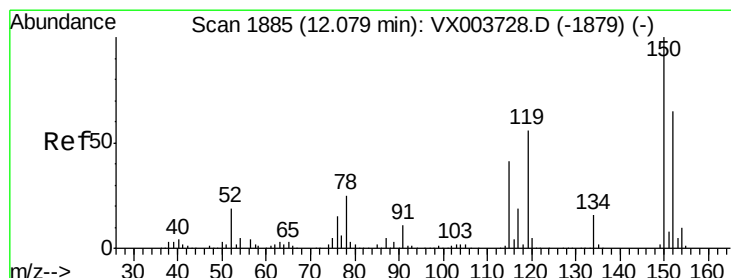
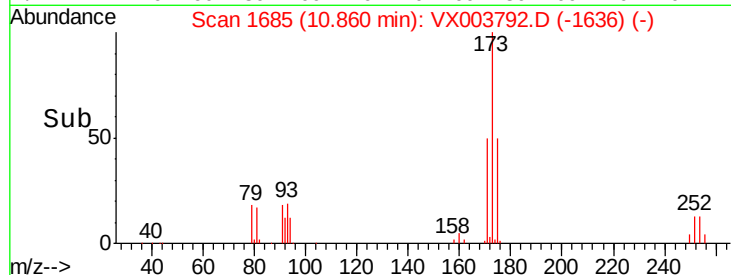
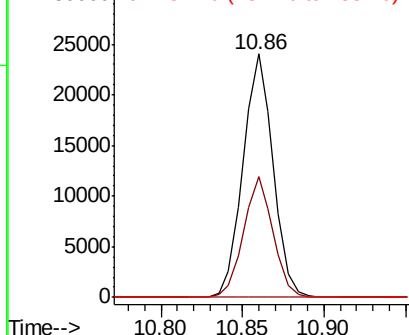
Tot Ion:	173	Resp:	30860
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.9	74.6
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

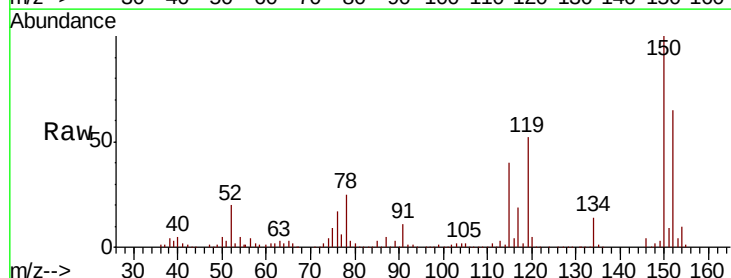
RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

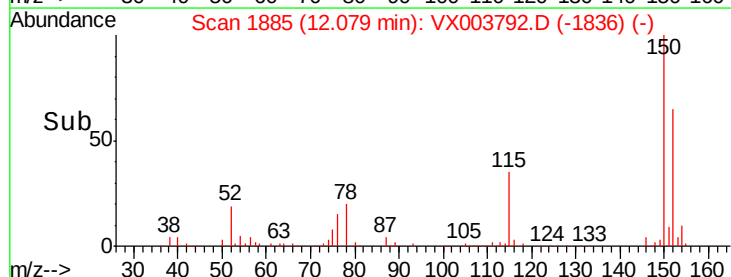
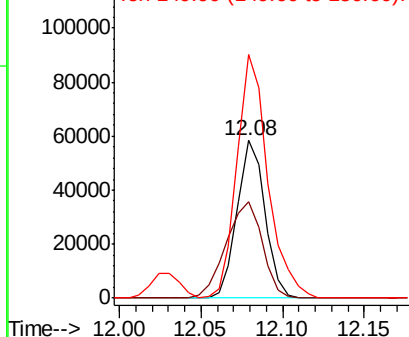
Lab File: VX003792.D

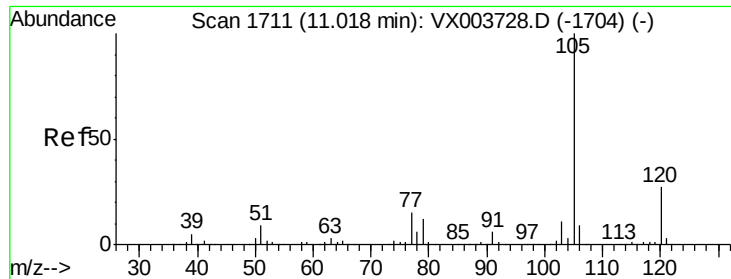
Acq: 01 Aug 2018 14:11

Tgt Ion:	152	Resp:	69603
Ion Ratio	Lower	Upper	
152	100		
115	79.3	38.5	115.3
150	171.6	0.0	346.2



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





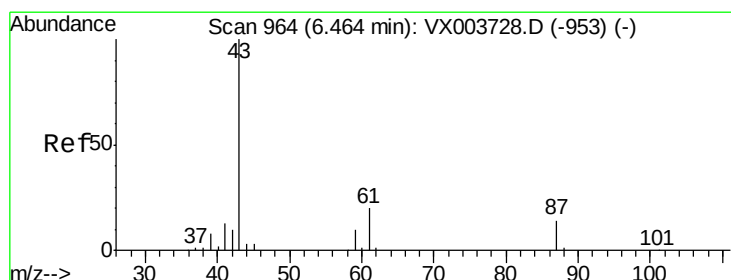
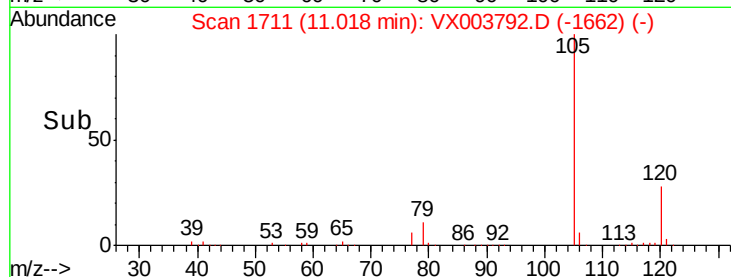
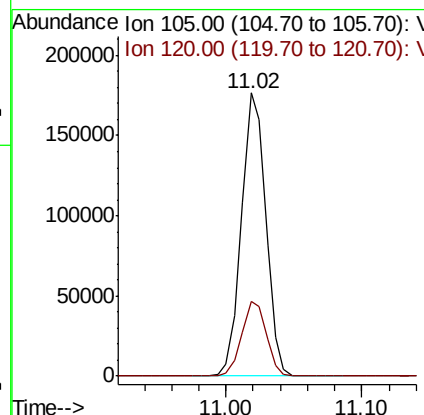
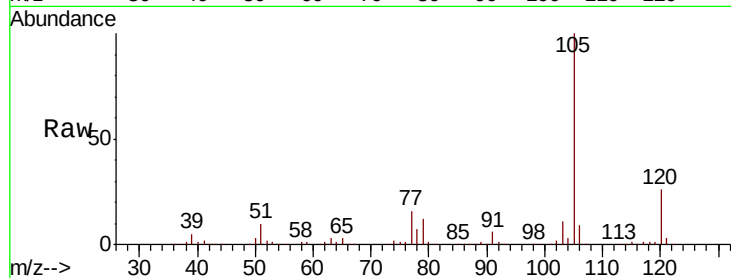
#73
Isopropylbenzene
Concen: 50.576 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.5	40.5

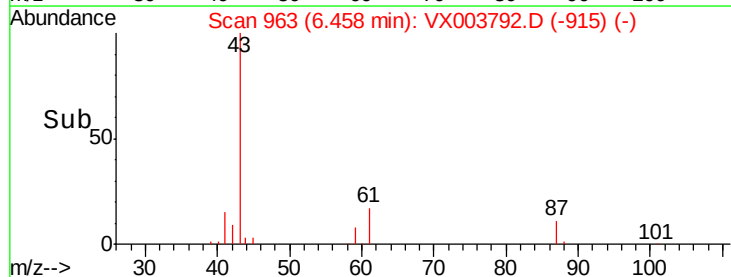
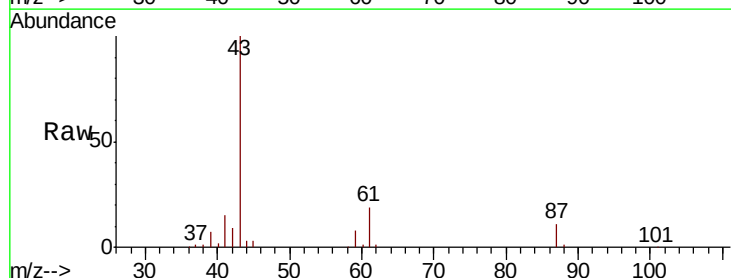
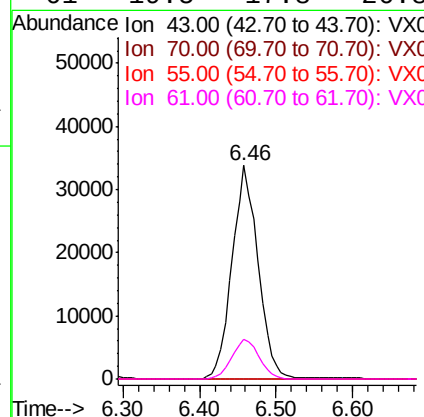
Manual Integrations
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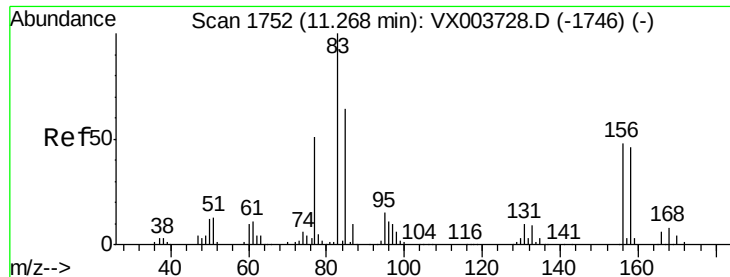
apatel
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#74
N-ethyl acetate
Concen: 51.879 ug/l
RT: 6.46 min Scan# 963
Delta R.T. -0.01 min
Lab File: VX003792.D
Acq: 01 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.0	46.6#
55	0.0	18.9	28.3#
61	19.5	17.8	26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.008 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

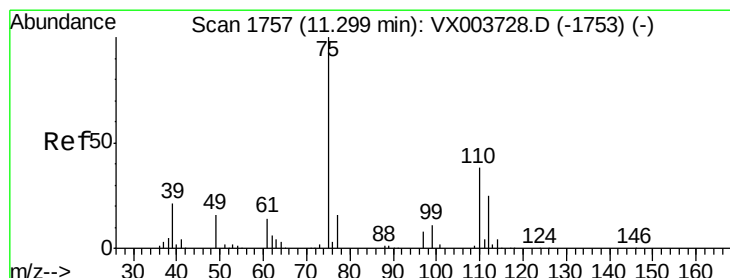
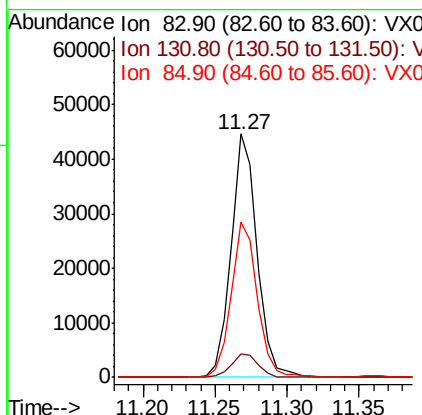
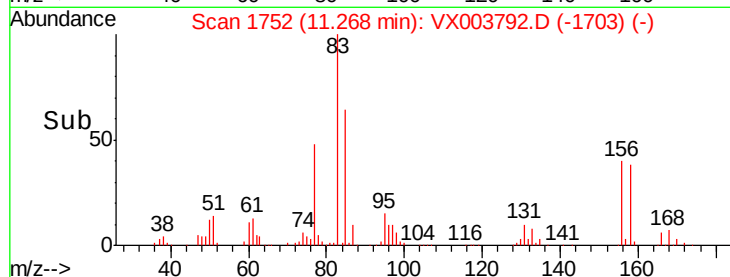
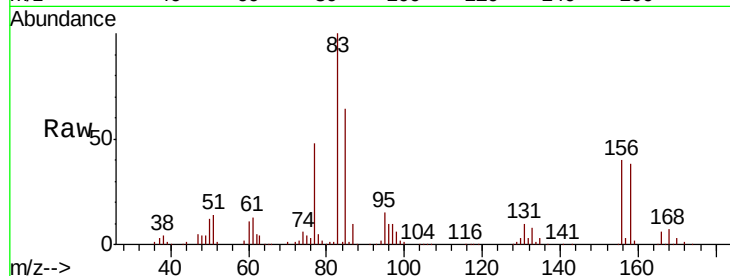
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	56651
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.3	15.9
85	64.4	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.959 ug/l m

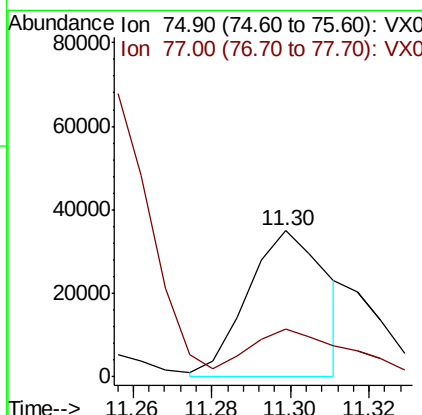
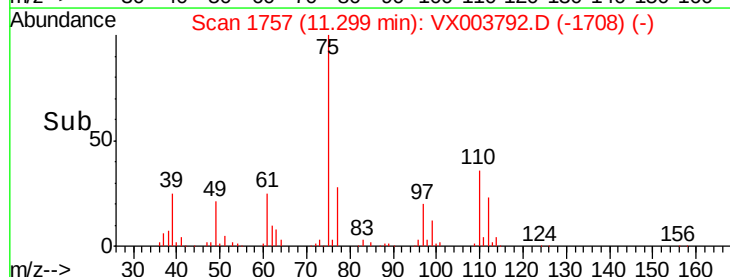
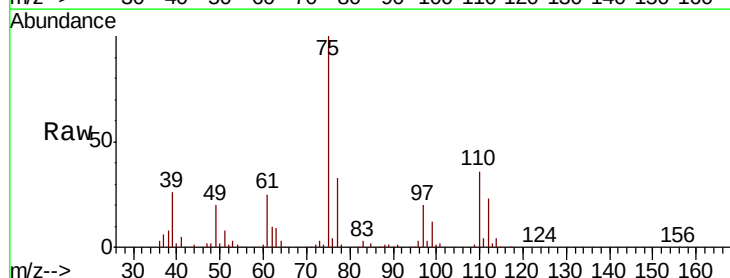
RT: 11.30 min Scan# 1757

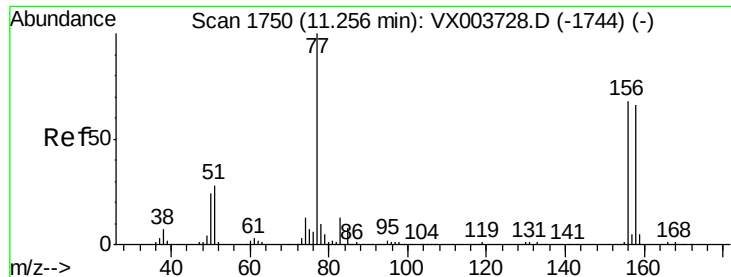
Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Tgt Ion:	75	Resp:	48889
Ion	Ratio	Lower	Upper
75	100		
77	41.7	21.6	65.0





#77

Bromobenzene

Concen: 48.642 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

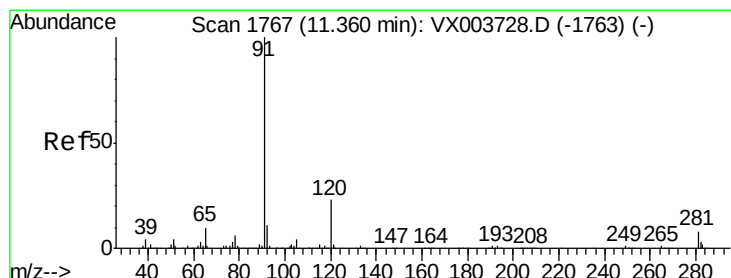
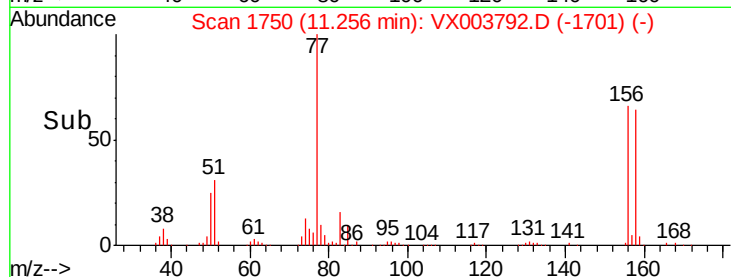
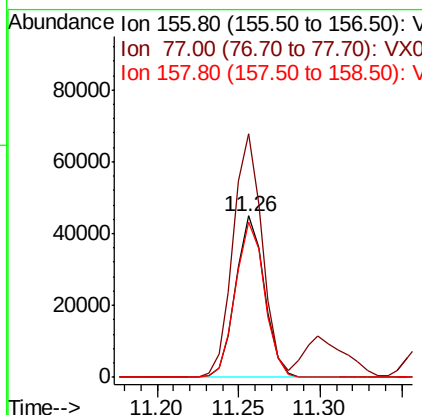
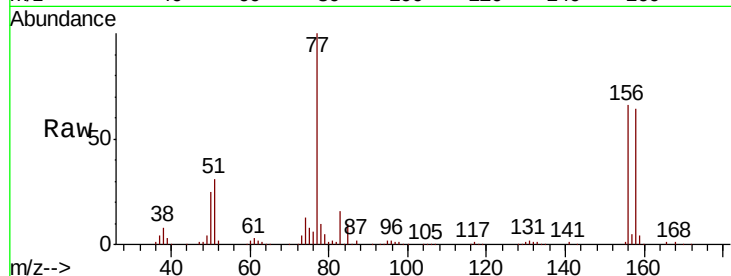
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	55258
Ion	Ratio	Lower	Upper
156	100		
77	152.9	71.8	215.3
158	98.0	48.8	146.4

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#78

n-propylbenzene

Concen: 49.205 ug/l

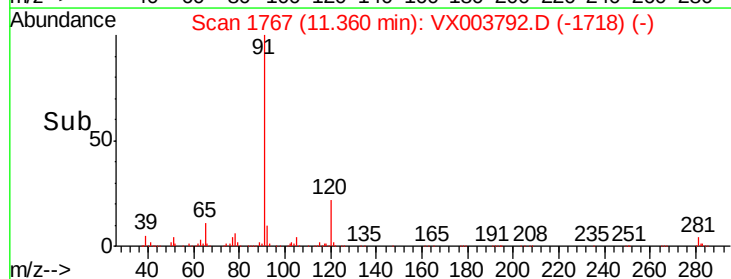
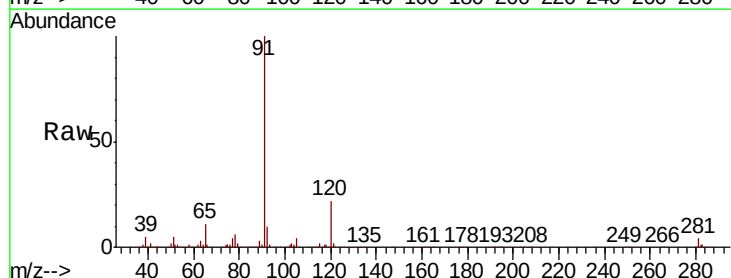
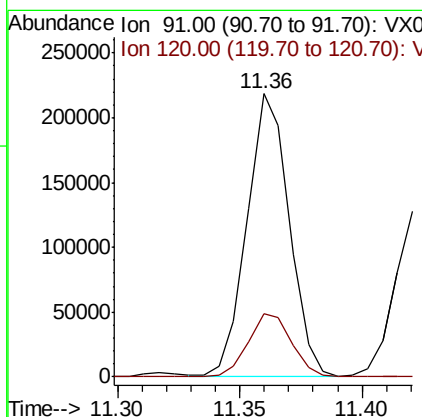
RT: 11.36 min Scan# 1767

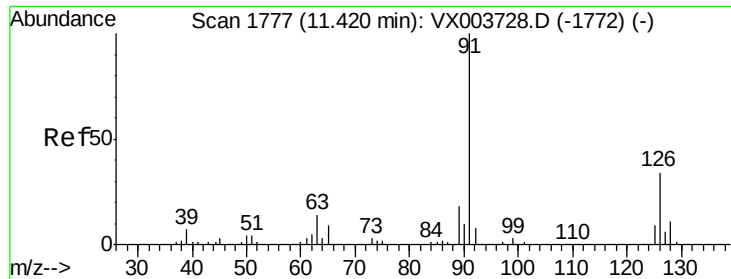
Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Tgt Ion:	91	Resp:	259745
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.9	35.5





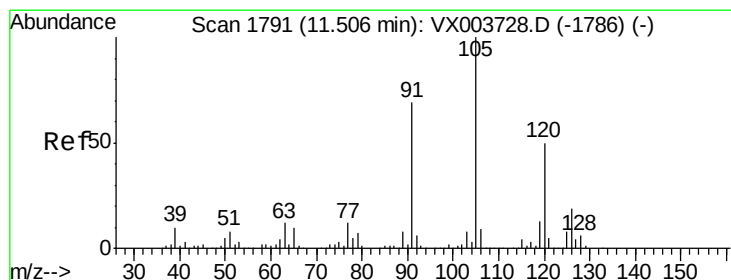
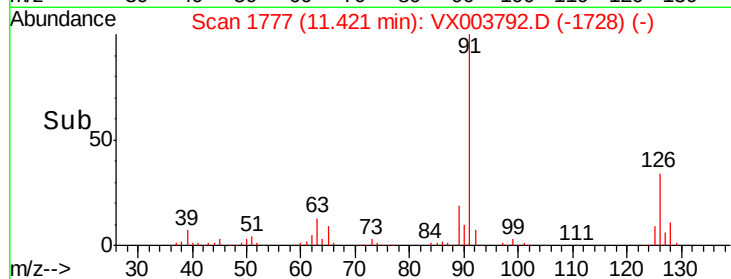
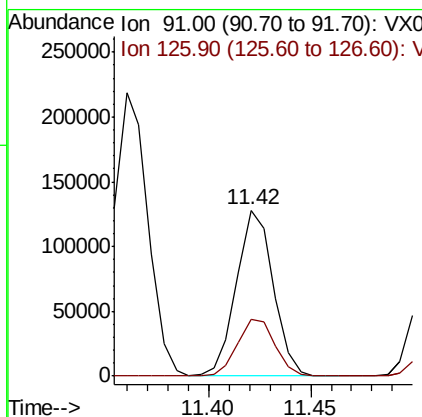
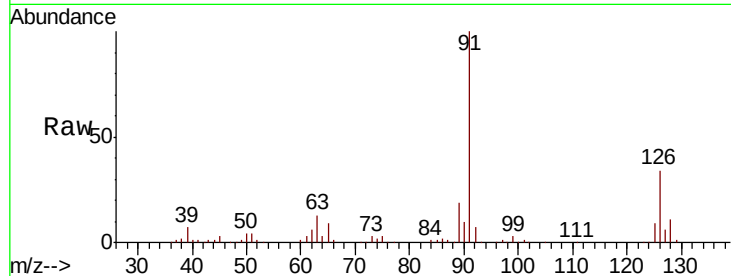
#79
 2-Chlorotoluene
 Concen: 53.323 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 91 Resp: 159812
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.6 52.8

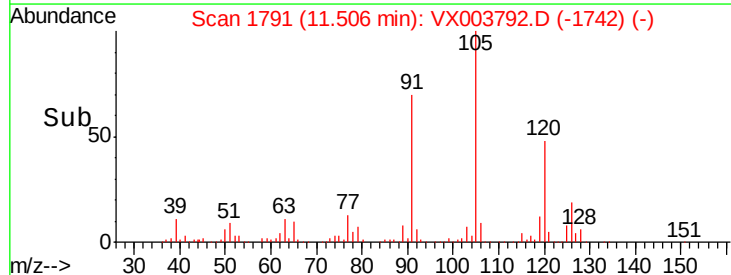
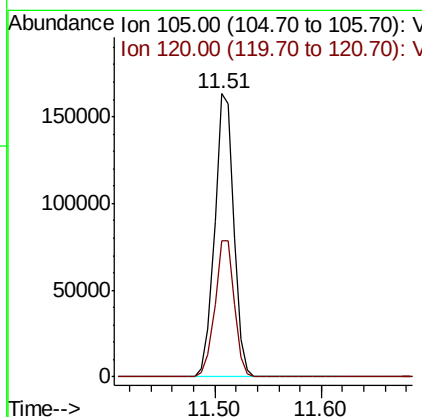
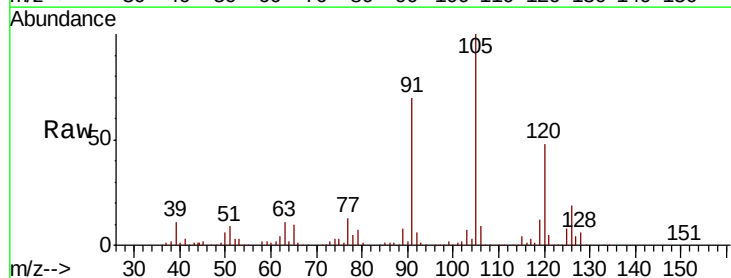
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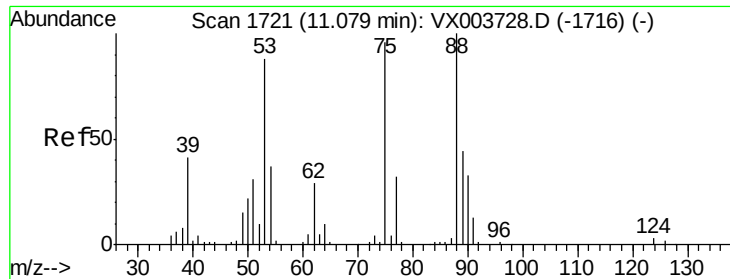
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.164 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Tgt Ion: 105 Resp: 201450
 Ion Ratio Lower Upper
 105 100
 120 48.9 15.8 47.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 52.545 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

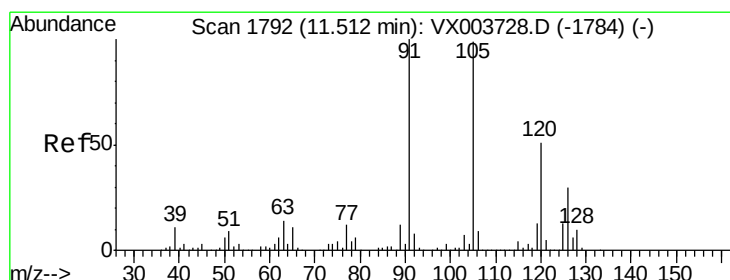
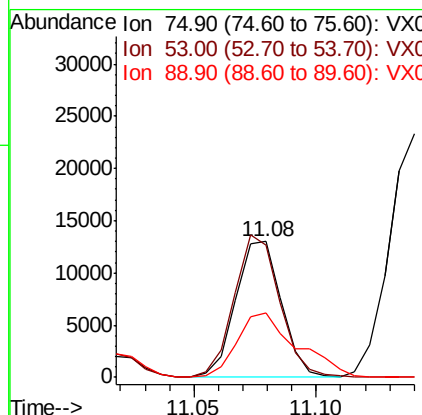
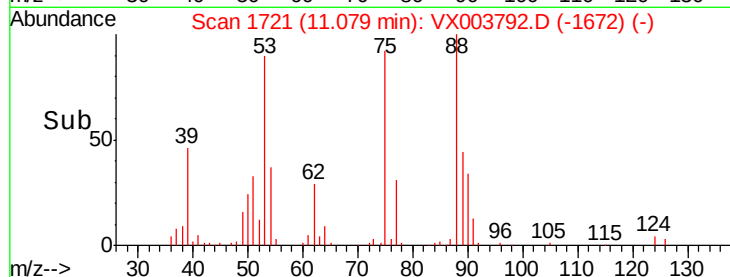
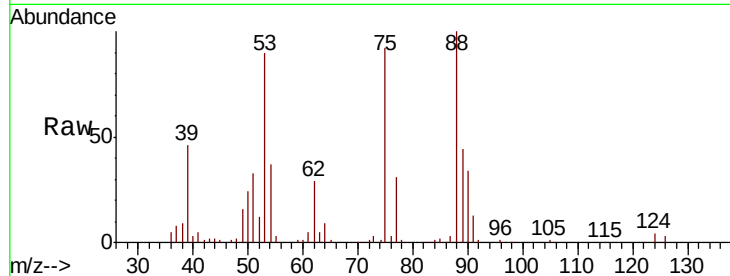
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.0	75.8	113.8
89	61.6	39.1	58.7#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.237 ug/l

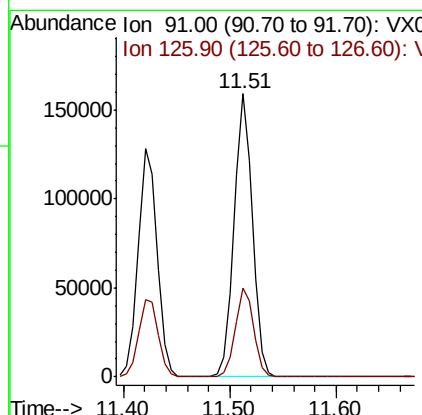
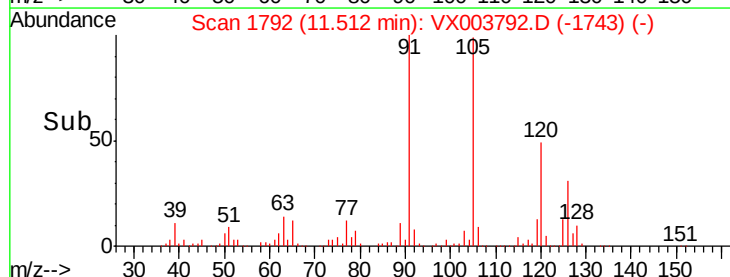
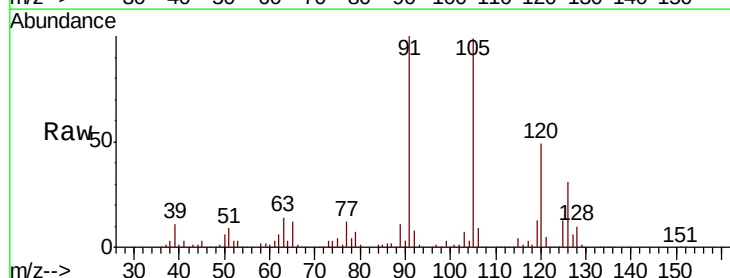
RT: 11.51 min Scan# 1792

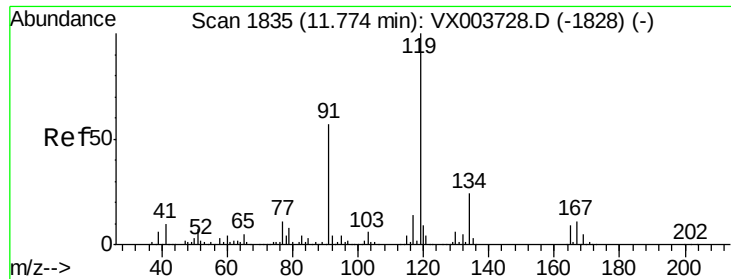
Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7





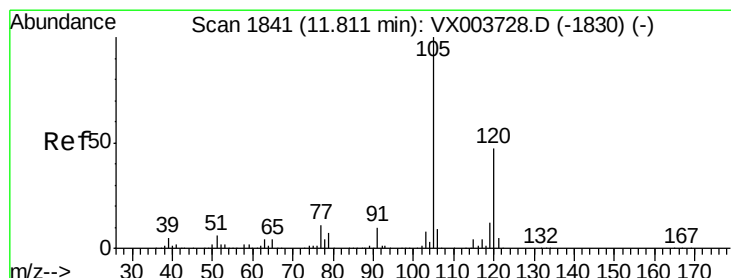
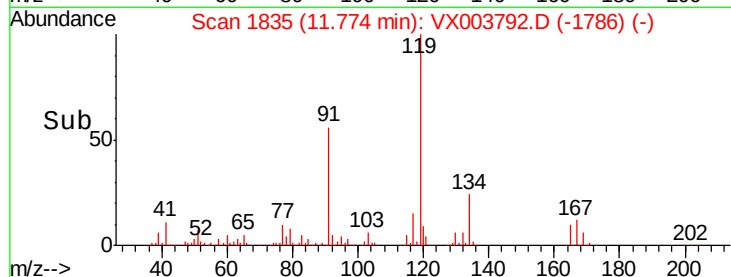
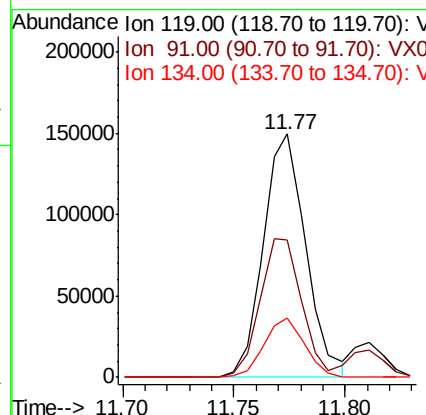
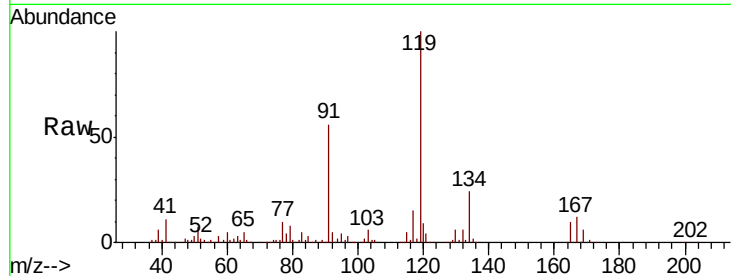
#83
 tert-Butylbenzene
 Concen: 53.973 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	198546		
91	55.7	27.2	81.6	
134	23.1	11.6	34.8	

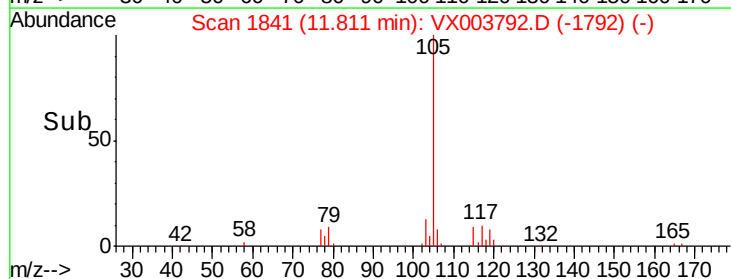
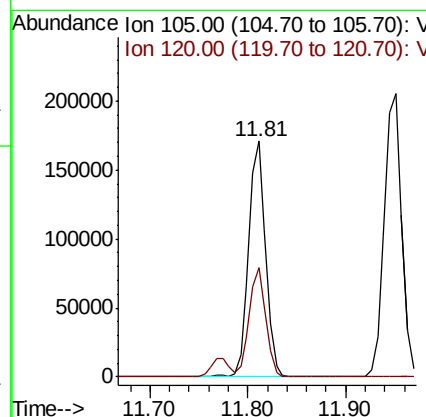
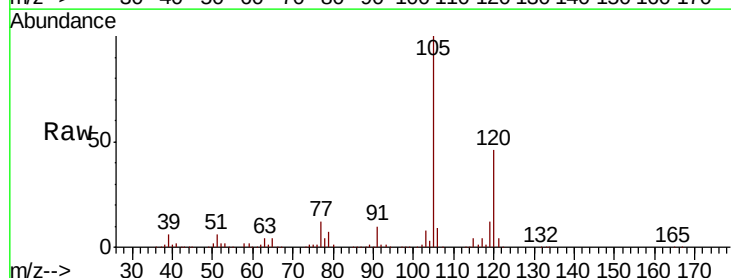
Manual Integrations
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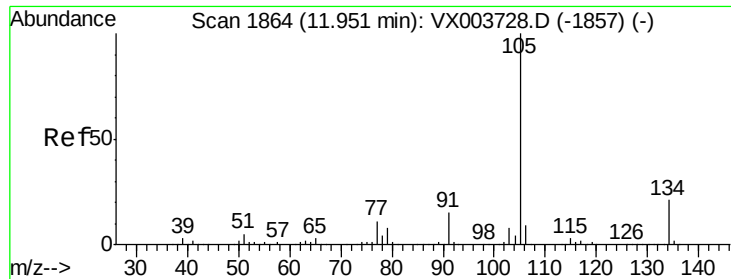
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.636 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	205334		
120	45.4	23.1	69.2	





#85

sec-Butylbenzene

Concen: 53.728 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 252859

Ion Ratio Lower Upper

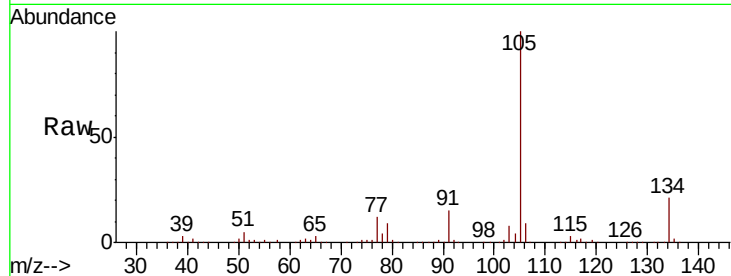
105 100

134 20.2 10.3 30.8

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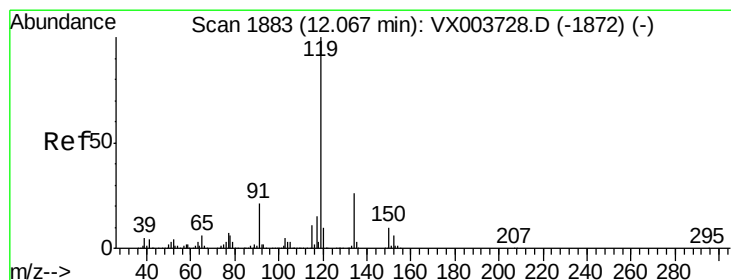
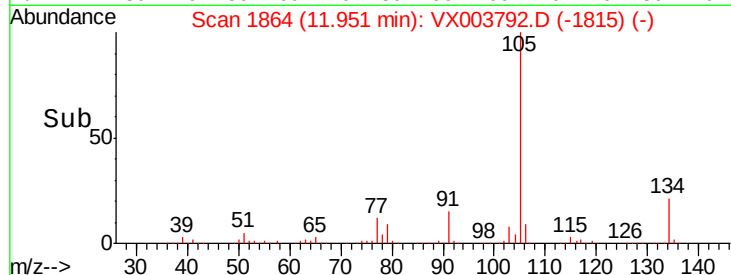
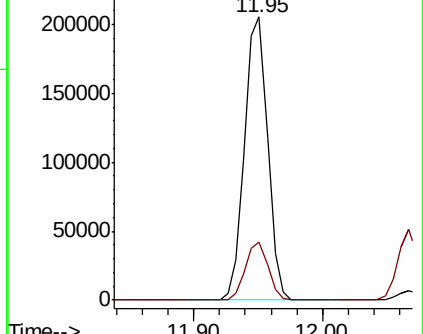
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.726 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

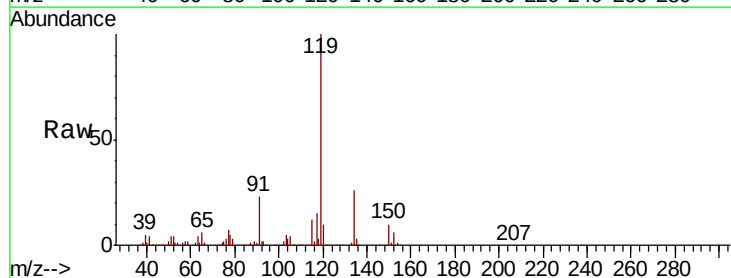
Tgt Ion:119 Resp: 221259

Ion Ratio Lower Upper

119 100

134 26.4 10.1 30.1

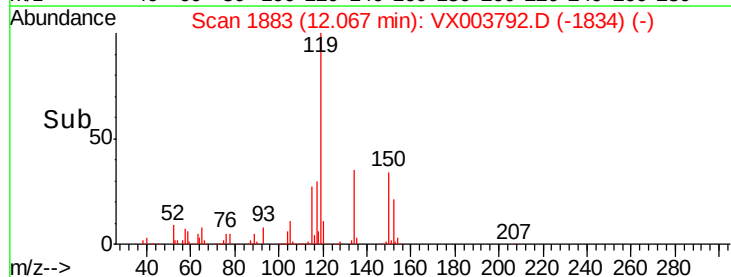
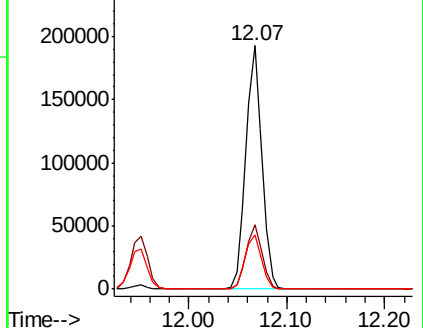
91 23.1 23.6 70.8#

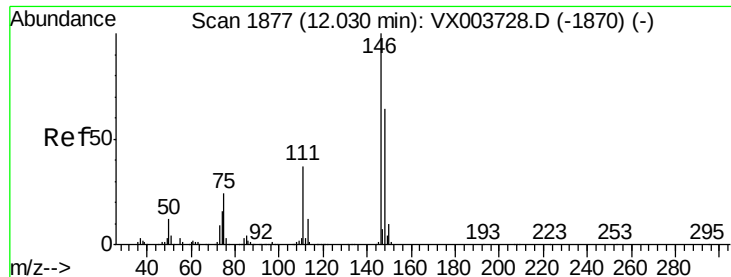


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





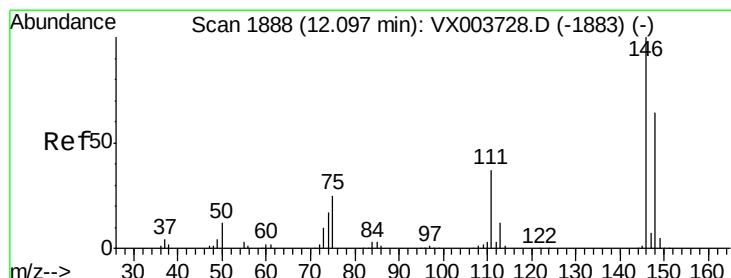
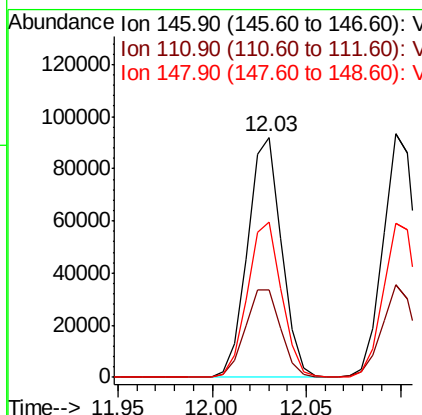
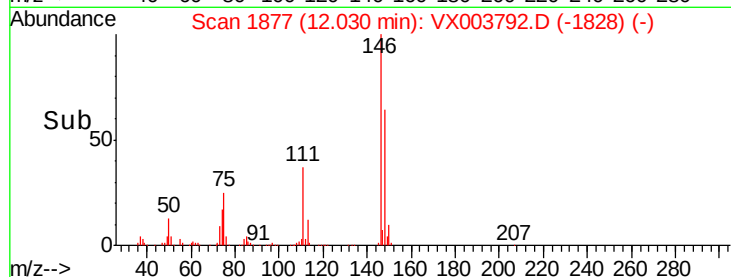
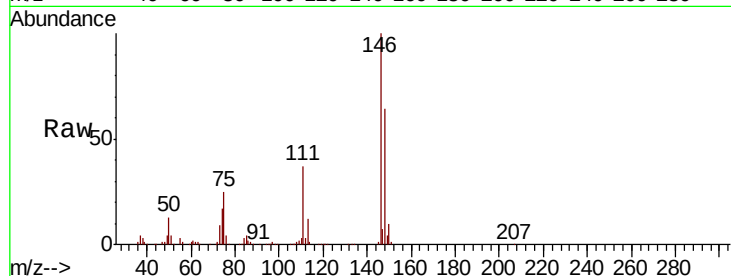
#87
 1,3-Dichlorobenzene
 Concen: 50.033 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.3
148	64.7	31.9	95.9

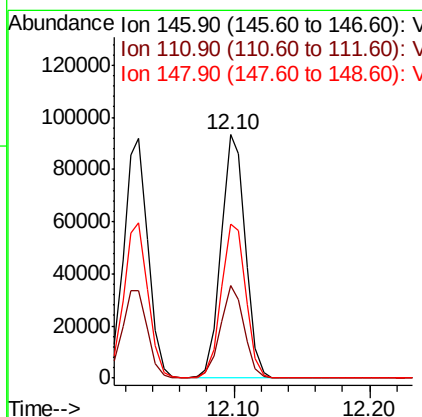
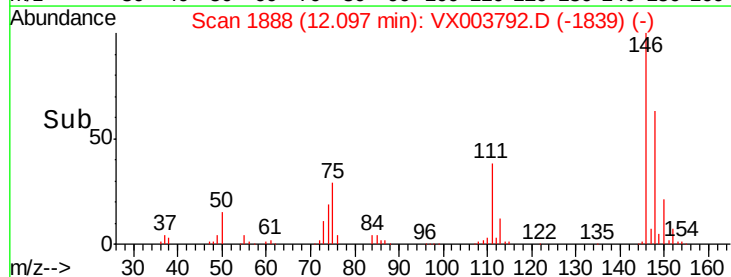
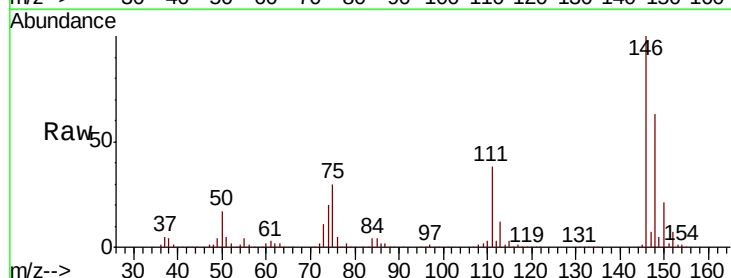
Manual Integrations
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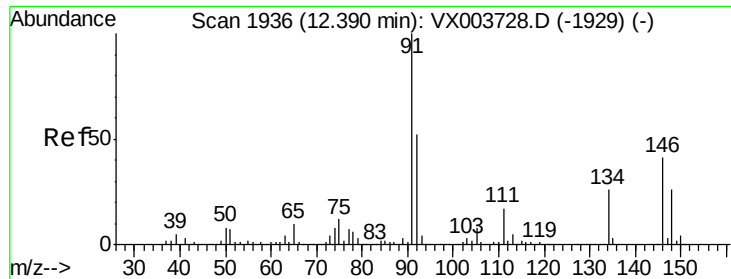
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#88
 1,4-Dichlorobenzene
 Concen: 49.065 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.3	54.9
148	64.3	32.0	96.2





#89

n-Butylbenzene

Concen: 51.905 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

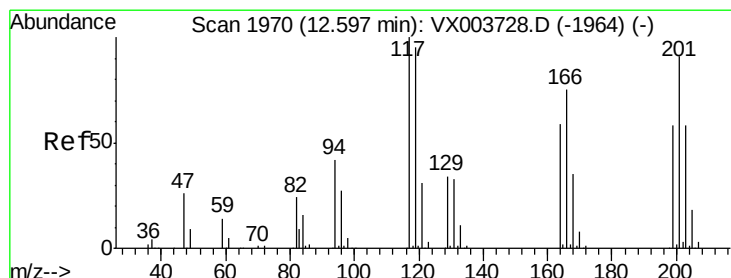
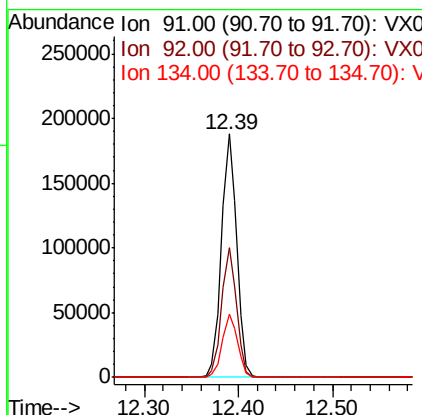
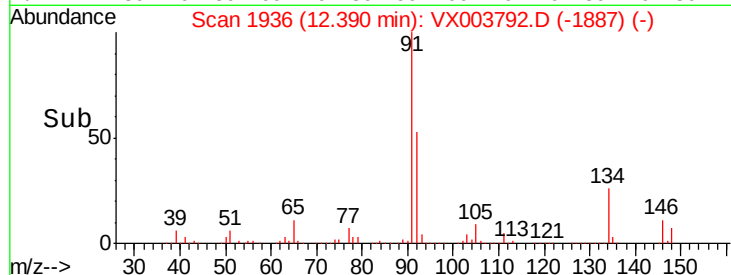
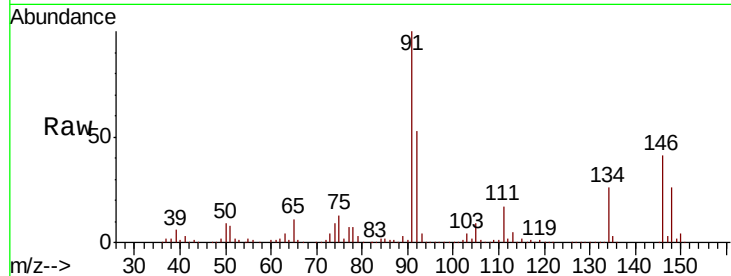
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	211309
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	25.9	13.6	40.7

Manual Integrations
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#90

Hexachloroethane

Concen: 50.559 ug/l

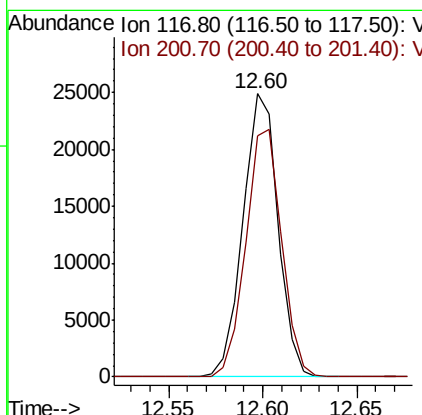
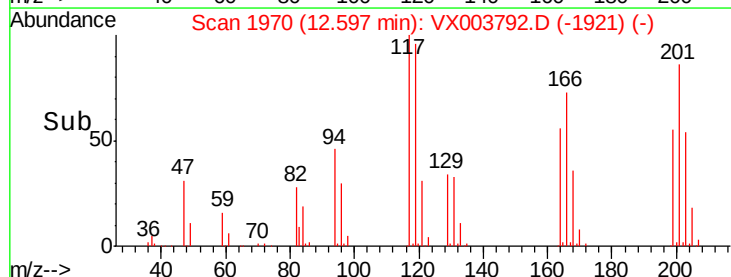
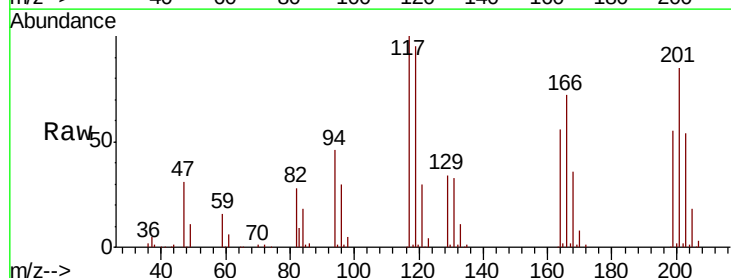
RT: 12.60 min Scan# 1970

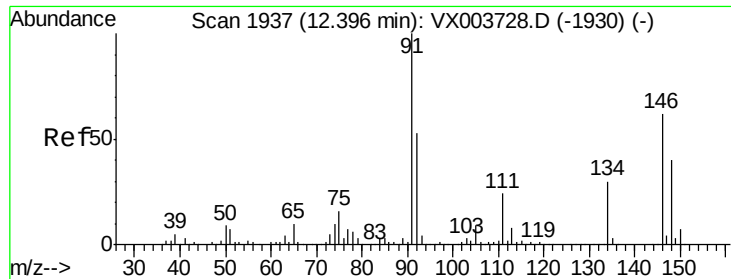
Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Tgt Ion:	117	Resp:	32113
Ion	Ratio	Lower	Upper
117	100		
201	89.3	49.3	147.8





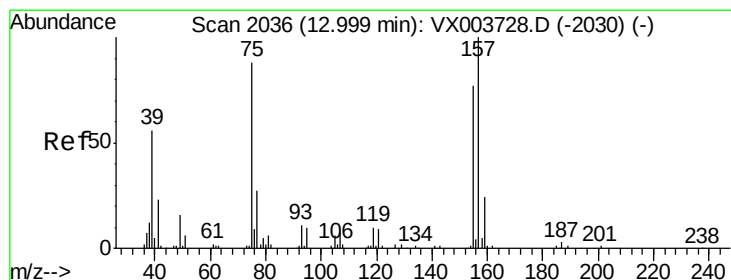
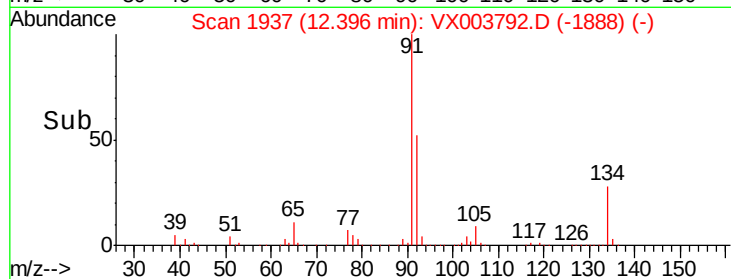
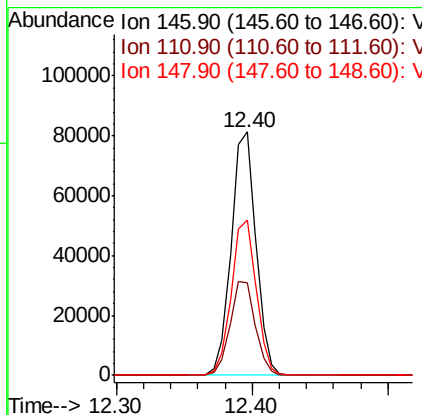
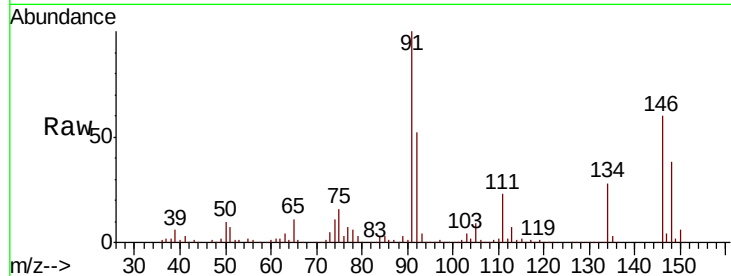
#91
 1,2-Dichlorobenzene
 Concen: 48.063 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.4
148	64.2	32.0	96.0

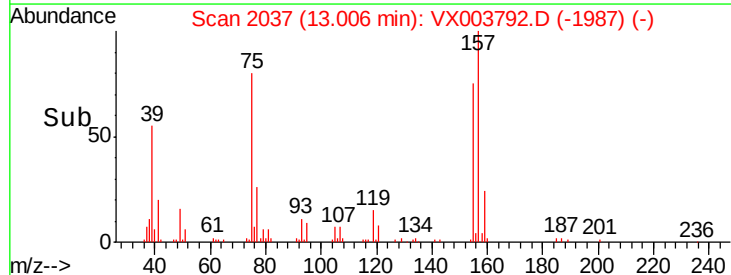
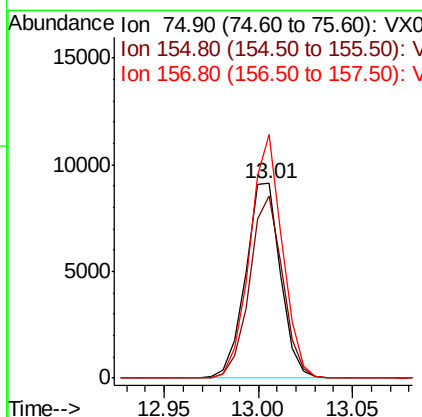
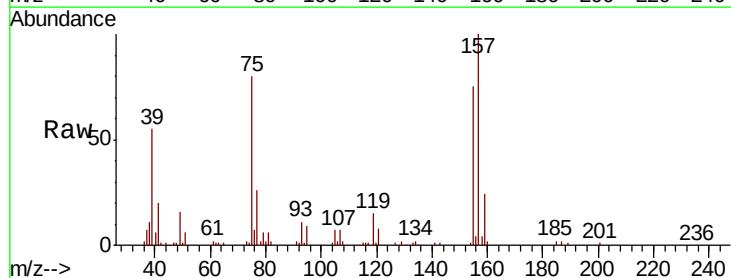
Manual Integrations
 APPROVED

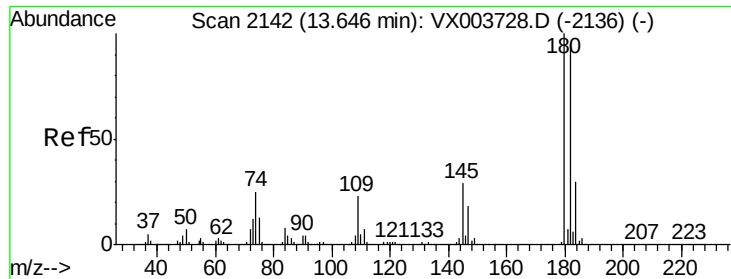
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.963 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	48.9	146.7
157	116.2	63.7	191.1





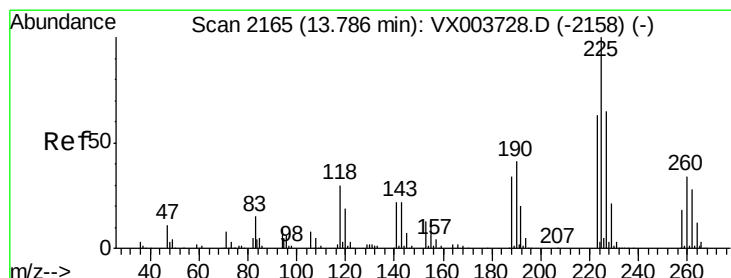
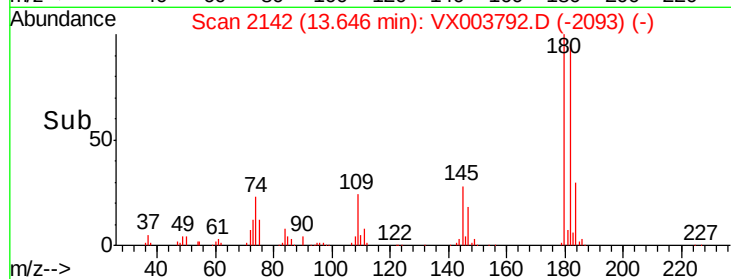
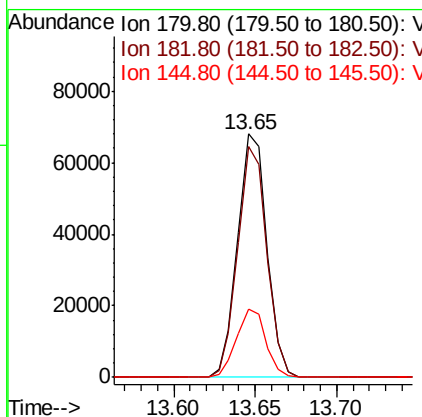
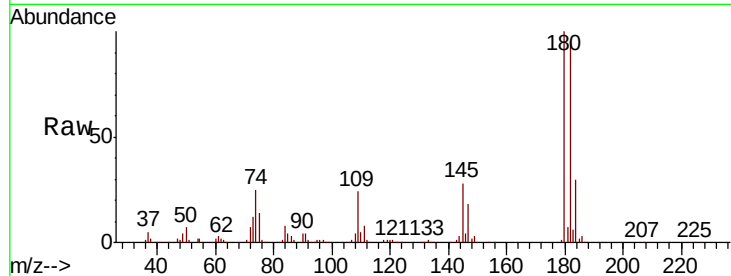
#93
 1,2,4-Trichlorobenzene
 Concen: 50.416 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	85588
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.6	142.9
145	27.9	14.1	42.2

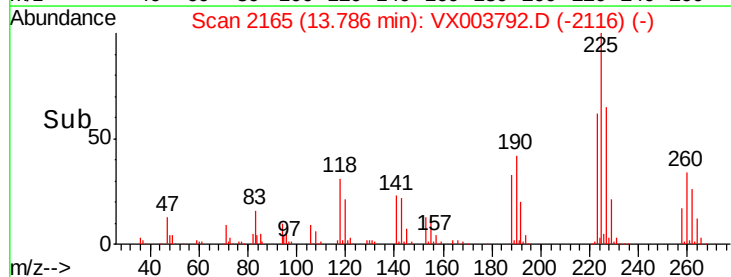
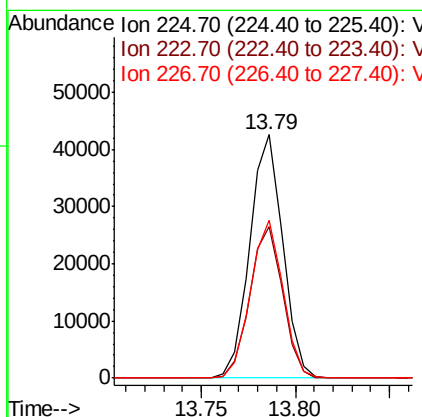
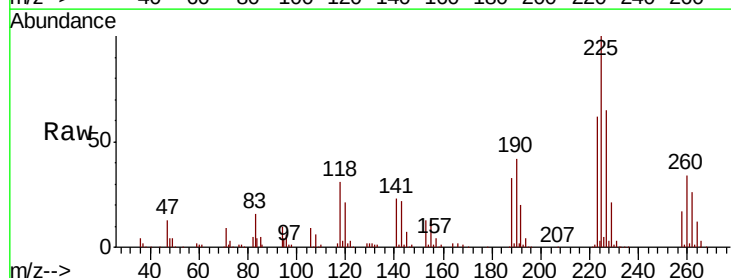
Manual Integrations
 APPROVED

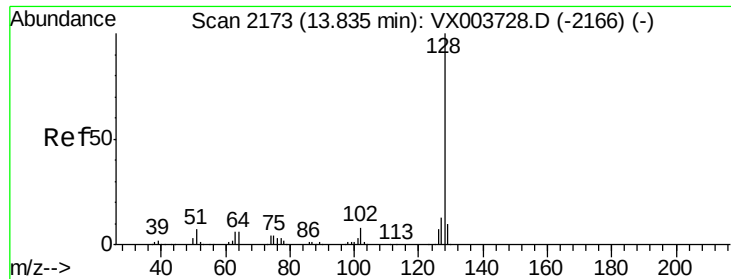
apatel
 8/2/2018 4:19:48 PM



#94
 Hexachlorobutadiene
 Concen: 47.530 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003792.D
 Acq: 01 Aug 2018 14:11

Tgt Ion:	225	Resp:	51601
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.1	93.5
227	63.7	31.9	95.9





#95

Naphthalene

Concen: 51.772 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Instrument :

MSVOA_X

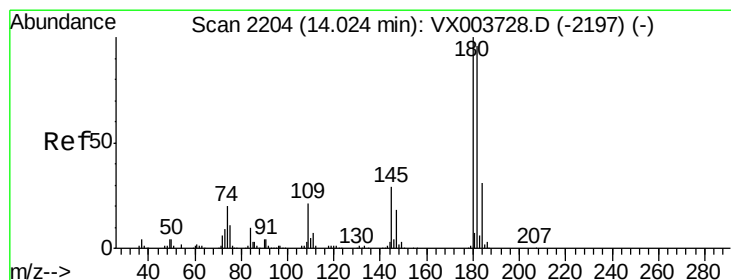
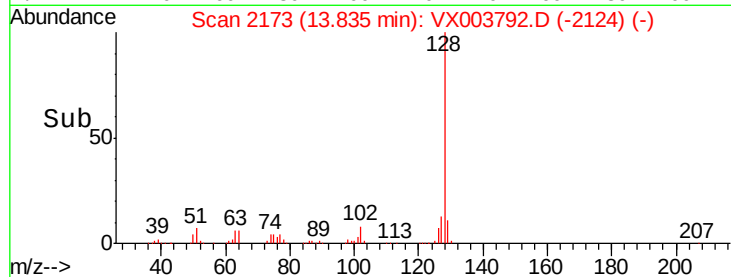
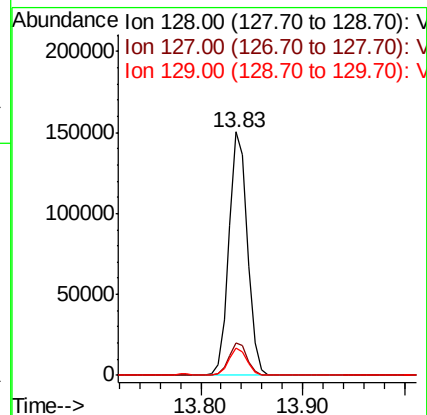
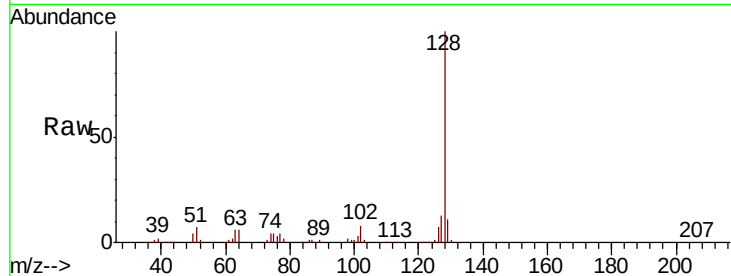
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	187815
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
8/2/2018 4:19:48 PM



#96

1,2,3-Trichlorobenzene

Concen: 44.593 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003792.D

Acq: 01 Aug 2018 14:11

Tgt Ion:	180	Resp:	68719
Ion Ratio		Lower	Upper
180	100		
182	96.0	47.9	143.8
145	30.5	14.7	44.1

