

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004786.D
 Acq On : 27 Sep 2018 20:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 2:26:09 PM

Quant Time: Sep 28 07:41:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169401	58.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.76%	
35) Dibromofluoromethane	5.50	113	134369	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
50) Toluene-d8	8.72	98	497180	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	11.14	95	189054	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	134447	48.543	ug/l	98
3) Chloromethane	1.32	50	181774	54.095	ug/l	99
4) Vinyl Chloride	1.40	62	169340	53.732	ug/l	99
5) Bromomethane	1.64	94	85733	45.875	ug/l	100
6) Chloroethane	1.71	64	109109	64.187	ug/l	99
7) Trichlorofluoromethane	1.92	101	194881	49.949	ug/l	96
8) Diethyl Ether	2.19	74	103837	61.261	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101739	45.777	ug/l	98
10) Methyl Iodide	2.51	142	71109	23.910	ug/l	98
11) Tert butyl alcohol	3.09	59	235788	290.610	ug/l	99
12) 1,1-Dichloroethene	2.37	96	114628	52.080	ug/l	96
13) Acrolein	2.29	56	142950	247.629	ug/l	96
14) Allyl chloride	2.72	41	293410	61.097	ug/l	94
15) Acrylonitrile	3.15	53	556568	311.611	ug/l	98
16) Acetone	2.45	43	474997	280.384	ug/l	97
17) Carbon Disulfide	2.56	76	351445	53.139	ug/l	99
18) Methyl Acetate	2.78	43	274713	64.003	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	505494	66.582	ug/l	96
20) Methylene Chloride	2.85	84	157258	64.081	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	135226	56.124	ug/l	96
22) Diisopropyl ether	3.87	45	518063	64.063	ug/l	95
23) Vinyl Acetate	3.82	43	2375608	320.926	ug/l	96
24) 1,1-Dichloroethane	3.69	63	266991	55.348	ug/l	98
25) 2-Butanone	4.70	43	745901	298.702	ug/l	93
26) 2,2-Dichloropropane	4.58	77	170235	50.678	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	157864	58.650	ug/l	96
28) Bromochloromethane	5.02	49	131611	57.937	ug/l	89
29) Tetrahydrofuran	5.16	42	493791	318.151	ug/l	92
30) Chloroform	5.21	83	261405	57.338	ug/l	99
31) Cyclohexane	5.57	56	185497	50.242	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	203639	54.694	ug/l	99
36) 1,1-Dichloropropene	5.79	75	172226	44.047	ug/l	100
37) Ethyl Acetate	4.86	43	272533	52.508	ug/l	98
38) Carbon Tetrachloride	5.78	117	168910	41.095	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	167400	41.927	ug/l	94
40) Benzene	6.14	78	593324	48.469	ug/l	99
41) Methacrylonitrile	5.06	41	151762	52.724	ug/l	96
42) 1,2-Dichloroethane	6.20	62	218161	50.414	ug/l	97
43) Isopropyl Acetate	6.46	43	407850	54.443	ug/l	96
44) Trichloroethene	7.21	130	147272	48.939	ug/l	95
45) 1,2-Dichloropropane	7.52	63	165861	55.251	ug/l	98
46) Dibromomethane	7.66	93	105454	55.896	ug/l	98
47) Bromodichloromethane	7.90	83	202631	57.366	ug/l	99
48) Methyl methacrylate	7.78	41	216093	63.553	ug/l	93
49) 1,4-Dioxane	7.76	88	87444	1035.150	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1437190	304.689	ug/l	96
52) Toluene	8.79	92	365166	54.289	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	229876	57.590	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	249591	59.699	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	159844	54.251	ug/l	97
56) Ethyl methacrylate	9.18	69	260638	54.255	ug/l	95
57) 1,3-Dichloropropane	9.37	76	271576	55.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	709246	277.697	ug/l	94
59) 2-Hexanone	9.50	43	1137807	289.468	ug/l	94
60) Dibromochloromethane	9.59	129	166812	56.611	ug/l	100
61) 1,2-Dibromoethane	9.67	107	167181	52.982	ug/l	99
64) Tetrachloroethene	9.34	164	134600	40.936	ug/l	97
65) Chlorobenzene	10.14	112	418425	48.843	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	151823	50.411	ug/l	99
67) Ethyl Benzene	10.26	91	681620	50.116	ug/l	99
68) m/p-Xylenes	10.36	106	532794	100.247	ug/l	94
69) o-Xylene	10.70	106	266613	54.616	ug/l	97
70) Styrene	10.71	104	454335	49.772	ug/l	97
71) Bromoform	10.86	173	136567	52.966	ug/l #	99
73) Isopropylbenzene	11.02	105	660930	51.222	ug/l	99
74) N-amyl acetate	10.90	43	381950	53.720	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	271986	51.782	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	246232m	53.664	ug/l	
77) Bromobenzene	11.26	156	195805	52.244	ug/l	97
78) n-propylbenzene	11.36	91	750760	50.710	ug/l	100
79) 2-Chlorotoluene	11.42	91	485055	52.562	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	577760	48.849	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	76569	45.692	ug/l	99
82) 4-Chlorotoluene	11.51	91	572703	52.725	ug/l	99
83) tert-Butylbenzene	11.77	119	553818	52.130	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	610063	50.021	ug/l	97
85) sec-Butylbenzene	11.94	105	627882	48.522	ug/l	98
86) p-Isopropyltoluene	12.07	119	579438	49.424	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	351210	50.185	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	358378	49.607	ug/l	99
89) n-Butylbenzene	12.39	91	500180	46.977	ug/l	97
90) Hexachloroethane	12.60	117	97353	49.874	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	360711	49.321	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62576	54.259	ug/l	95

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QLast Update : Wed Sep 26 14:17:02 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	260473	50.771	ug/l	99
94) Hexachlorobutadiene	13.78	225	99643	37.455	ug/l	97
95) Naphthalene	13.83	128	889898	52.228	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	269789	50.906	ug/l	99

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

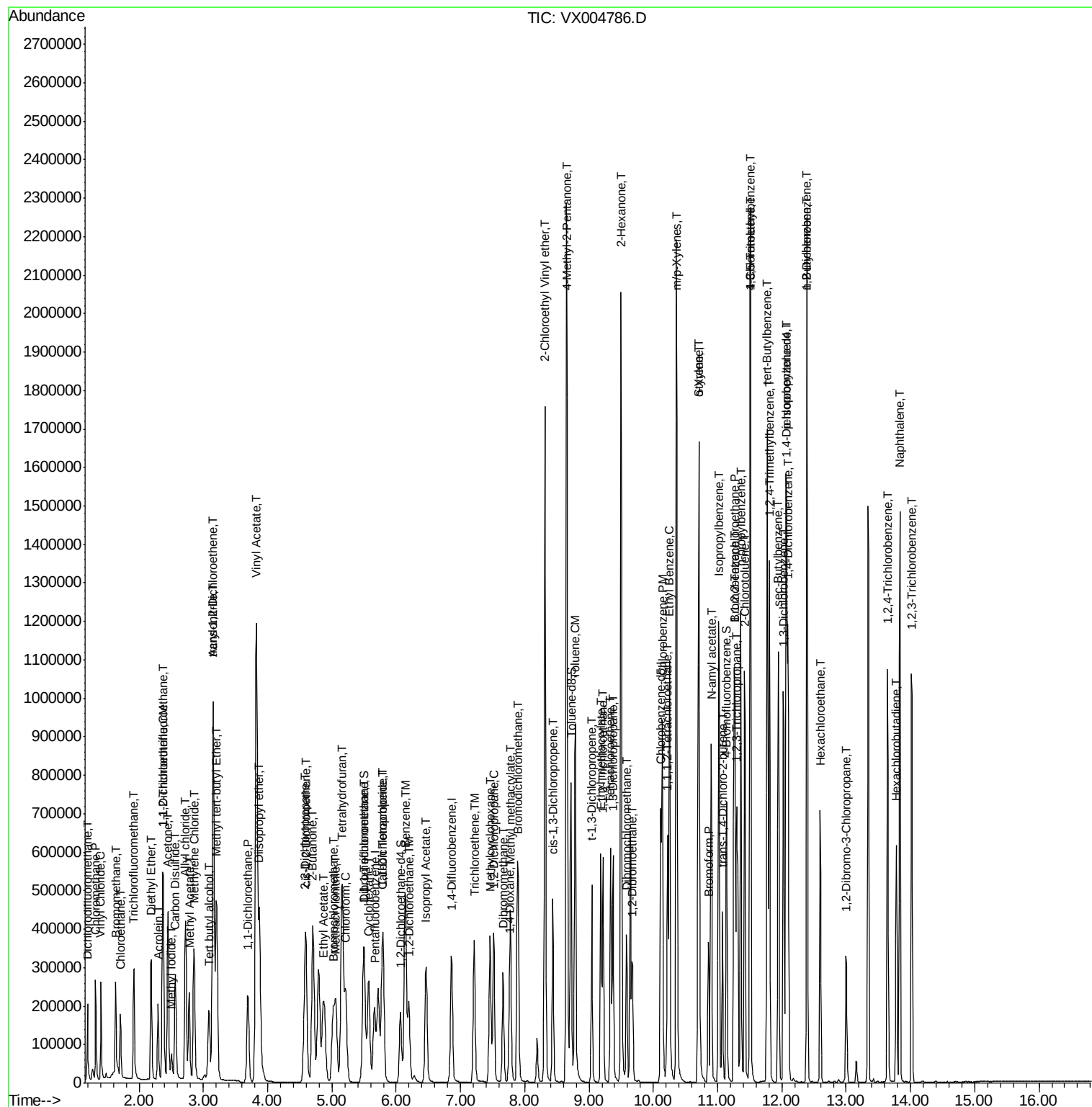
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092718\
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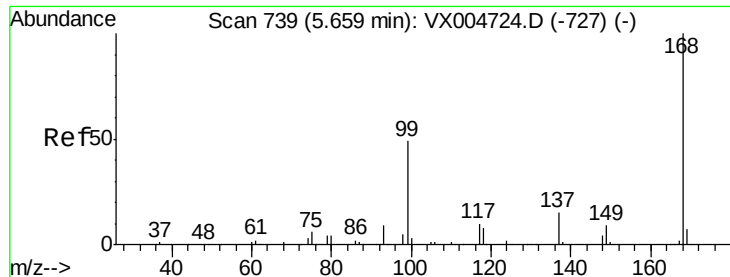
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 203132

Ion Ratio Lower Upper

168 100

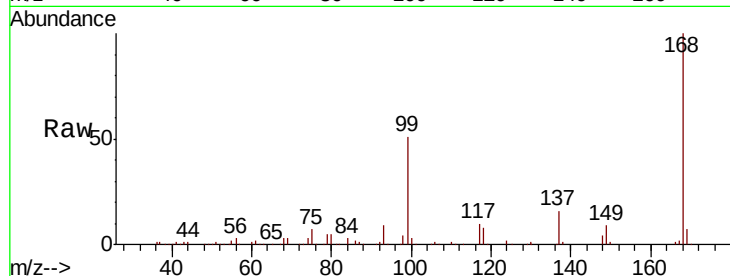
99 50.3 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

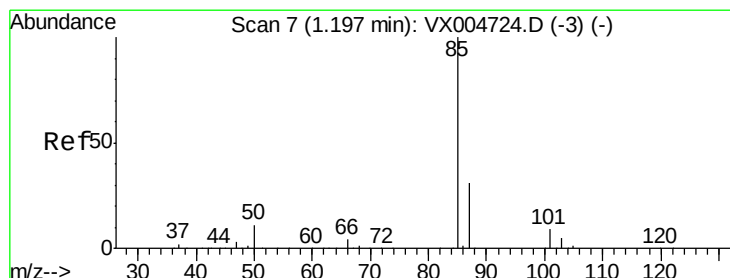
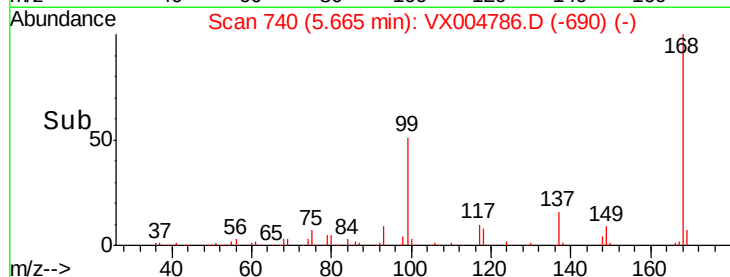
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.543 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004786.D

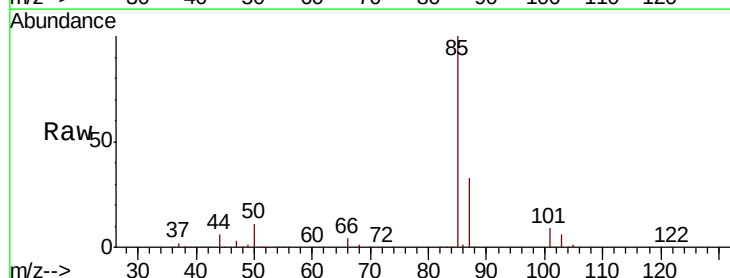
Acq: 27 Sep 2018 20:37

Tgt Ion: 85 Resp: 134447

Ion Ratio Lower Upper

85 100

87 32.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

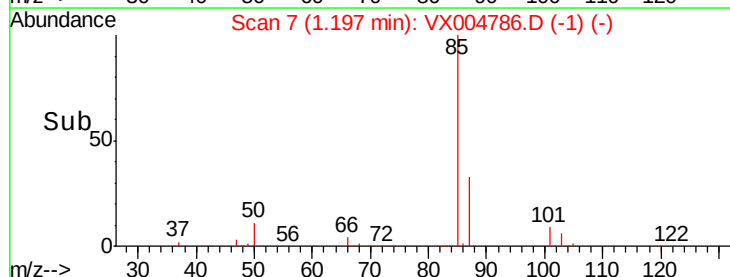
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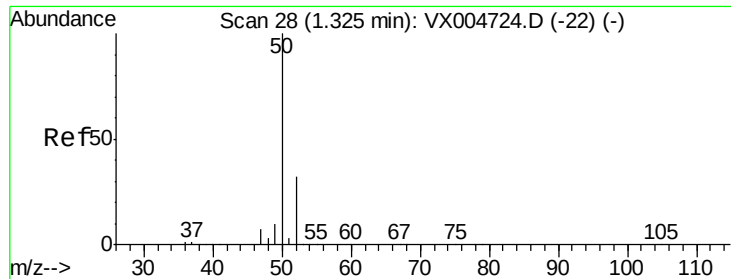
40000

20000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 54.095 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 181774

Ion Ratio Lower Upper

50 100

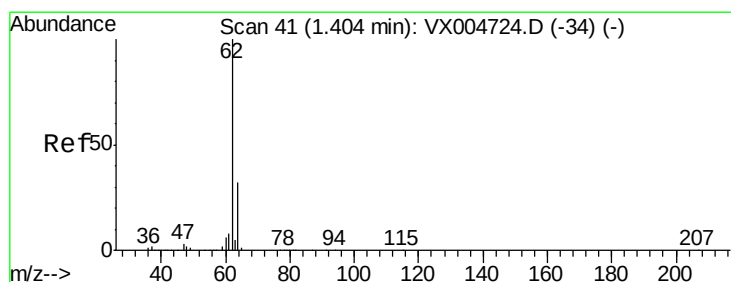
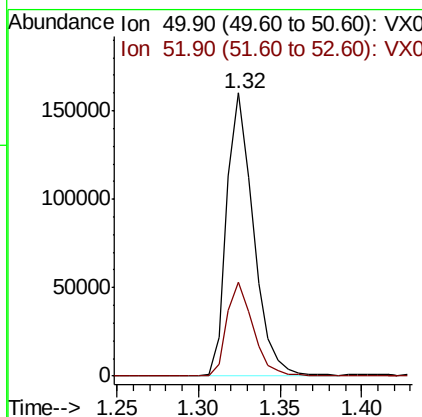
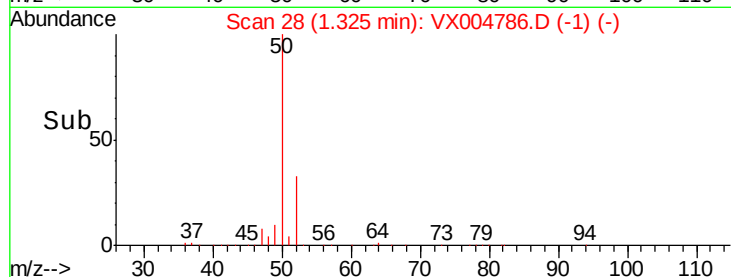
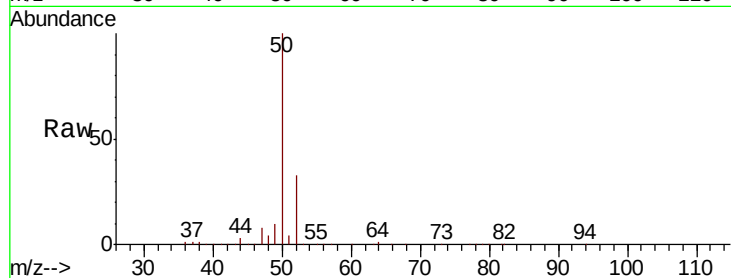
52 33.3 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.732 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004786.D

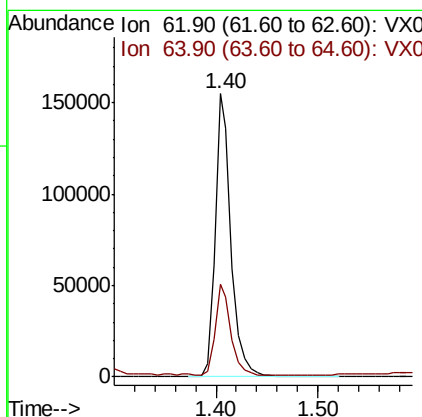
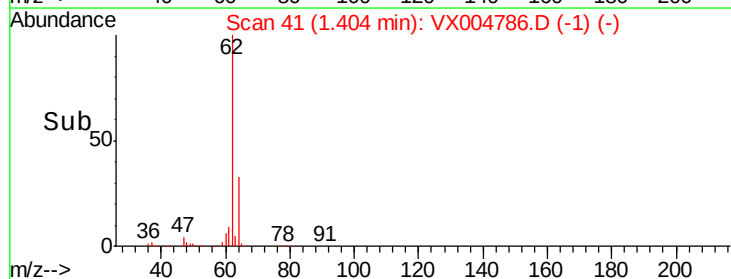
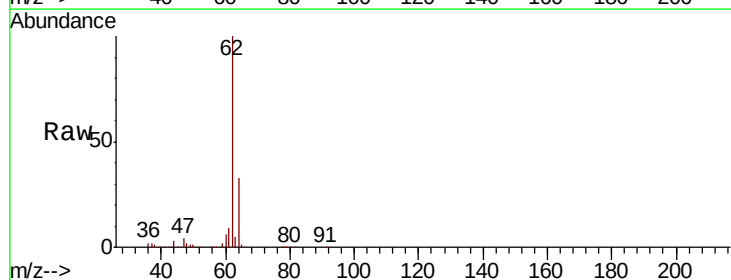
Acq: 27 Sep 2018 20:37

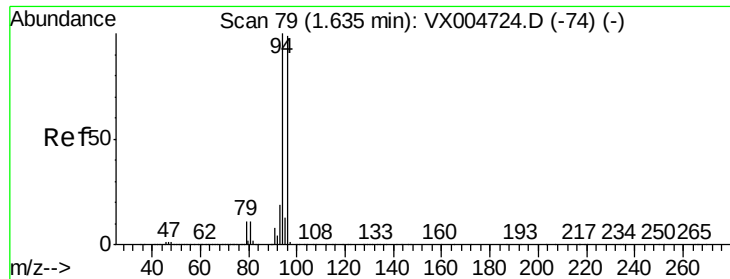
Tgt Ion: 62 Resp: 169340

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.8





#5

Bromomethane

Concen: 45.875 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 85733

Ion Ratio Lower Upper

94 100

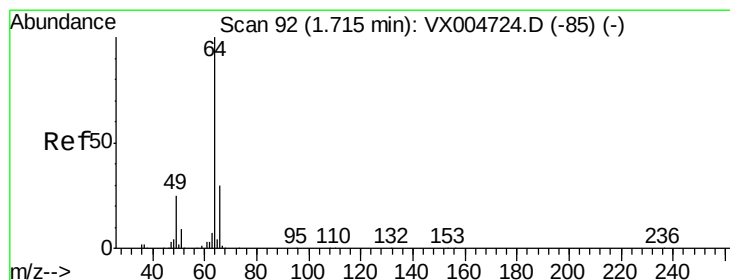
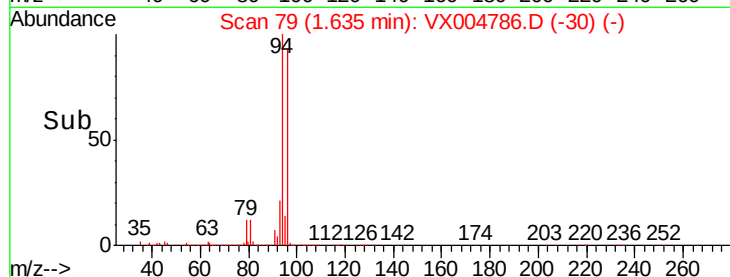
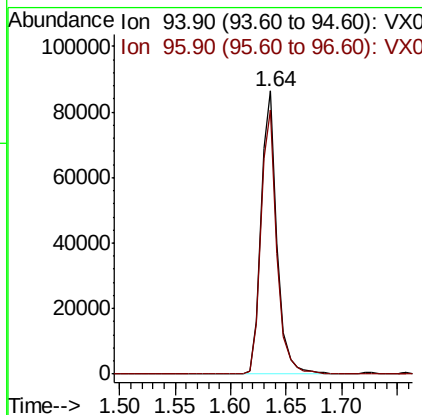
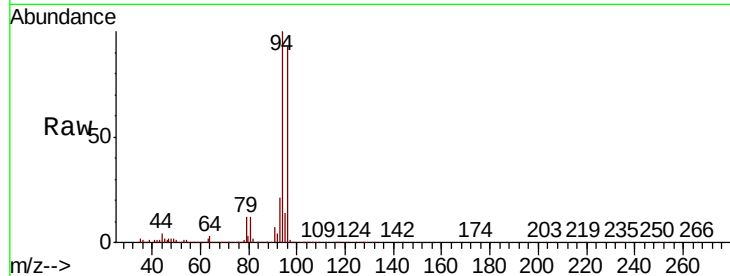
96 93.3 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 64.187 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004786.D

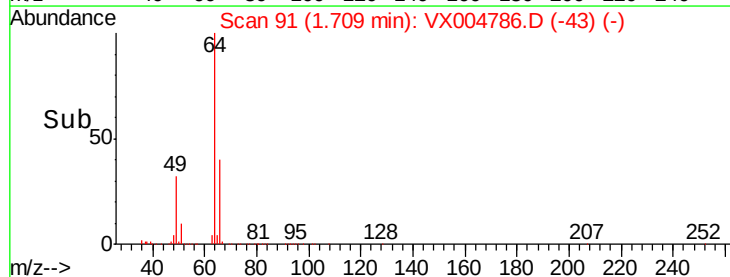
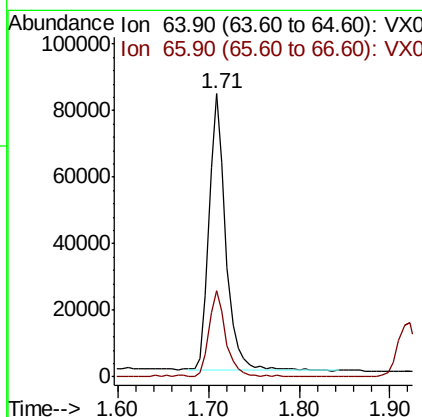
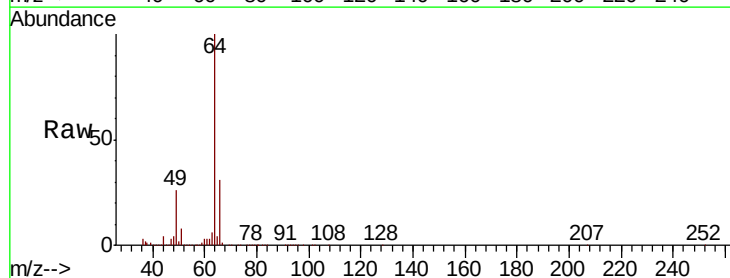
Acq: 27 Sep 2018 20:37

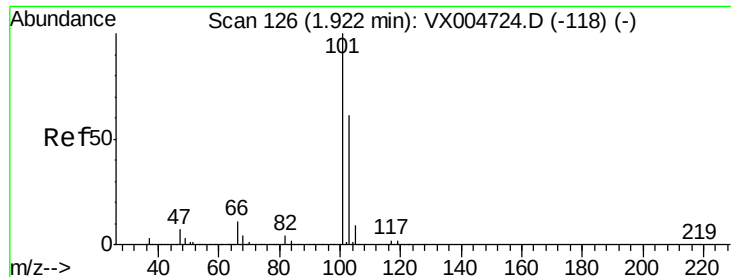
Tgt Ion: 64 Resp: 109109

Ion Ratio Lower Upper

64 100

66 31.1 24.6 36.8





#7

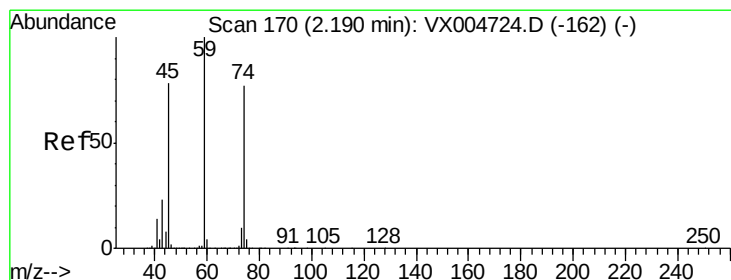
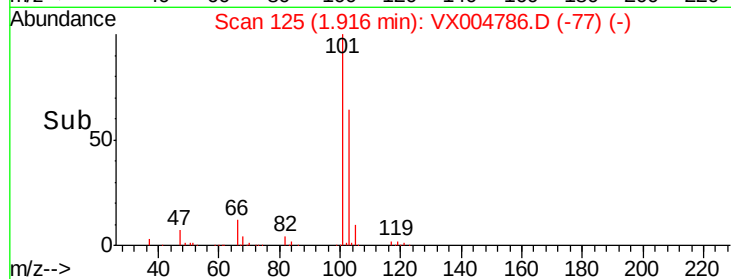
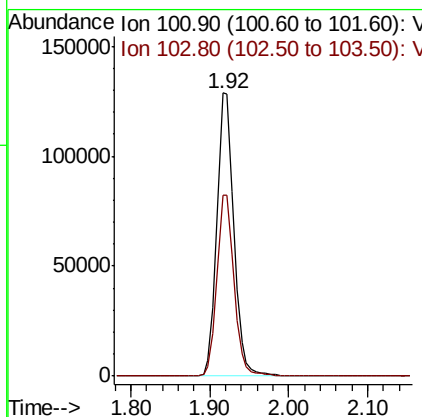
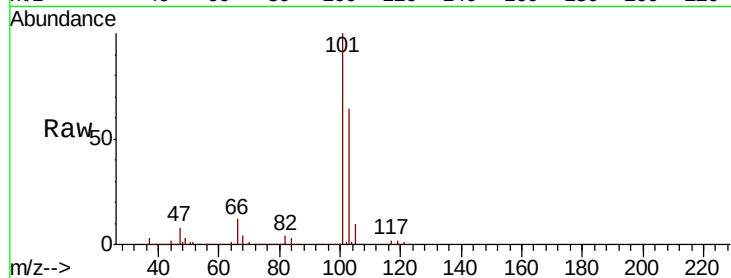
Trichlorofluoromethane
Concen: 49.949 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	48.9	73.3

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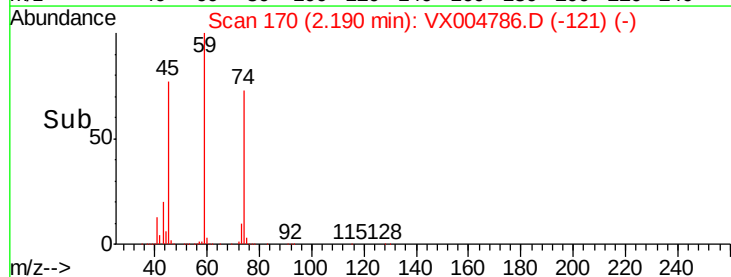
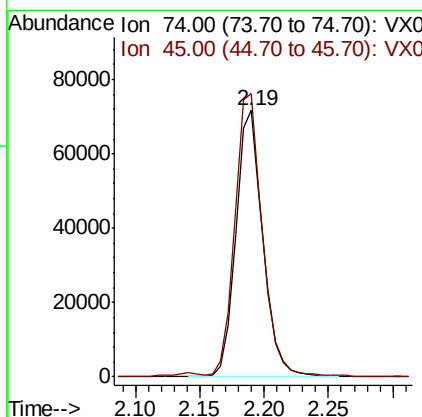
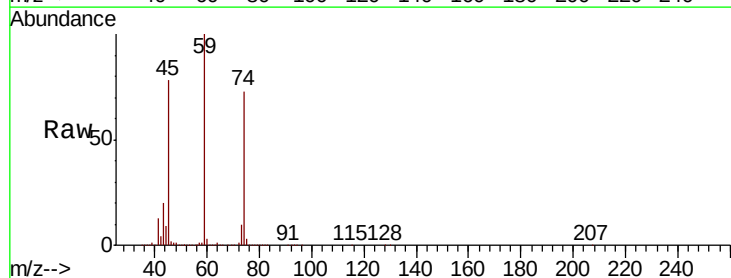
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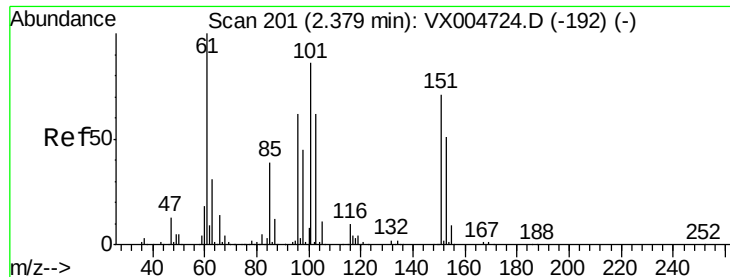


#8

Diethyl Ether
Concen: 61.261 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.8	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.777 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

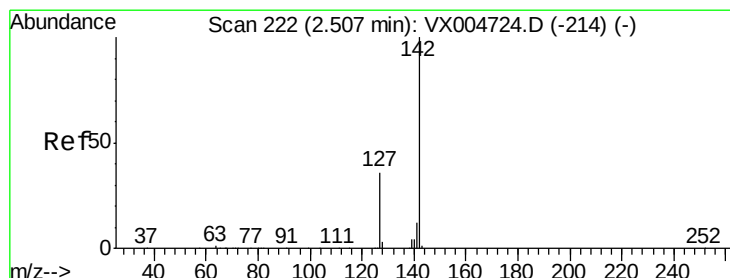
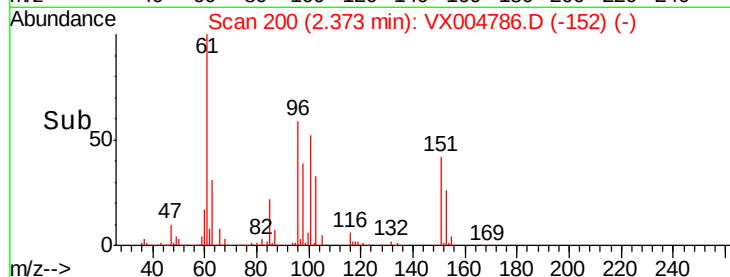
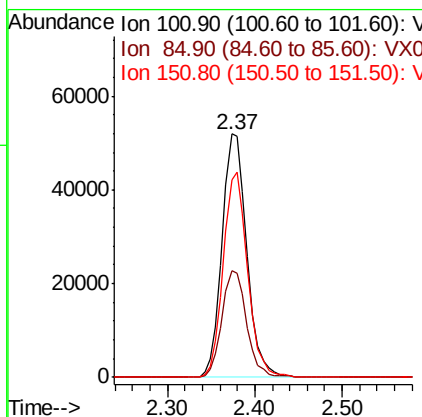
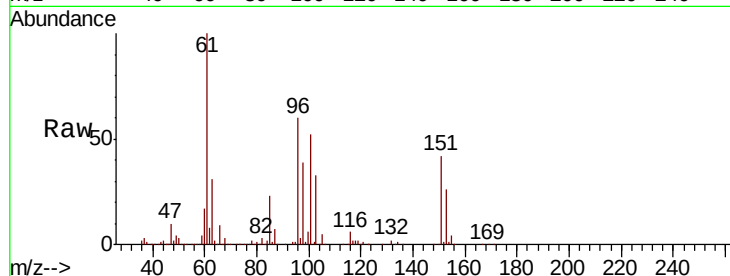
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	101739
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.2	51.4
151	83.0	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 23.910 ug/l

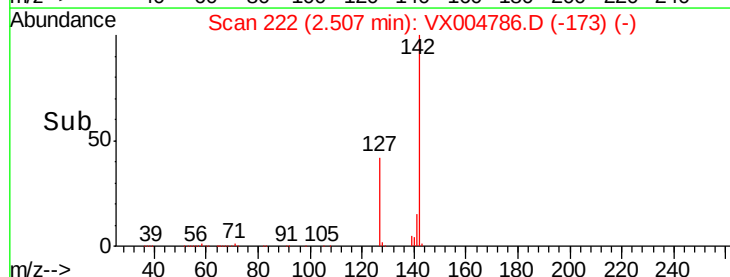
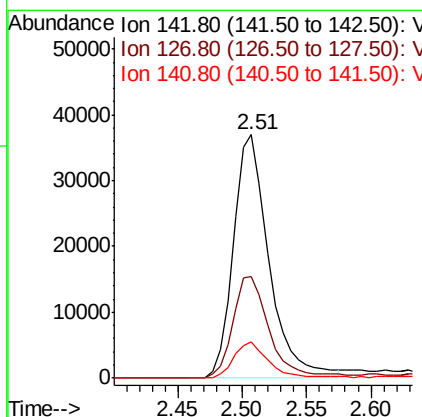
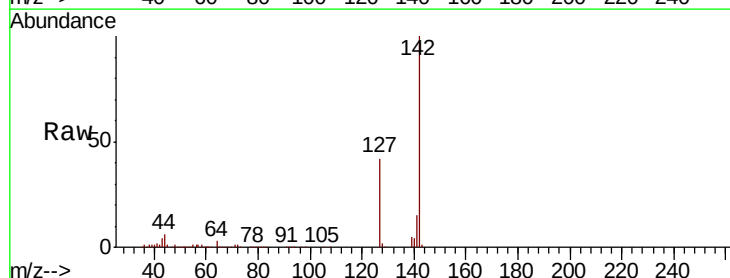
RT: 2.51 min Scan# 222

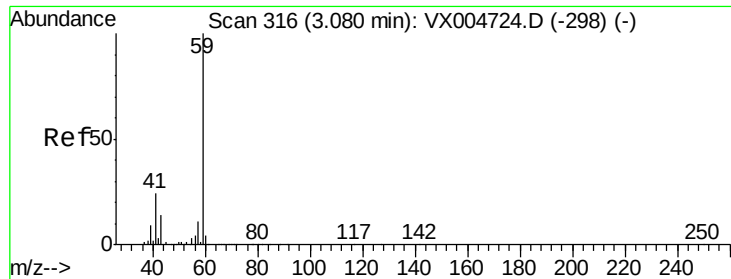
Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Tgt Ion:	142	Resp:	71109
Ion Ratio	Lower	Upper	
142	100		
127	43.5	33.8	50.6
141	14.7	11.4	17.0





#11

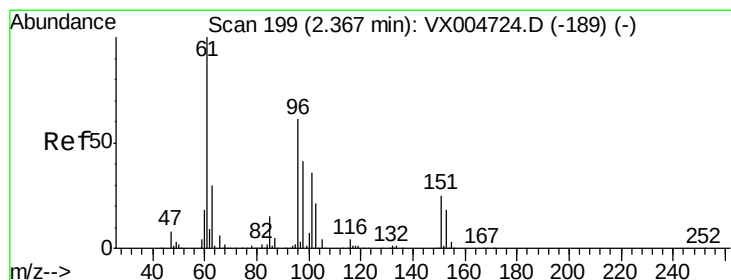
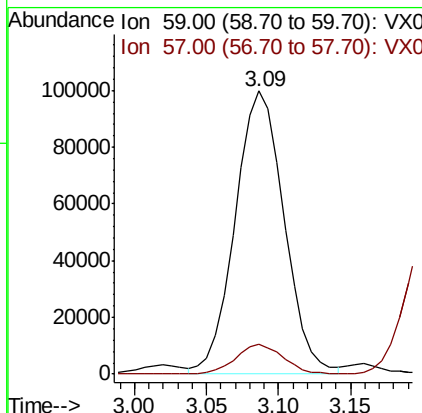
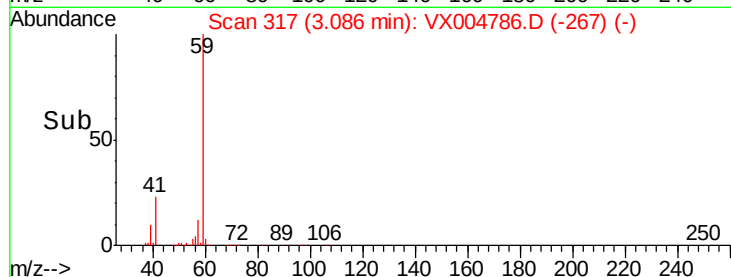
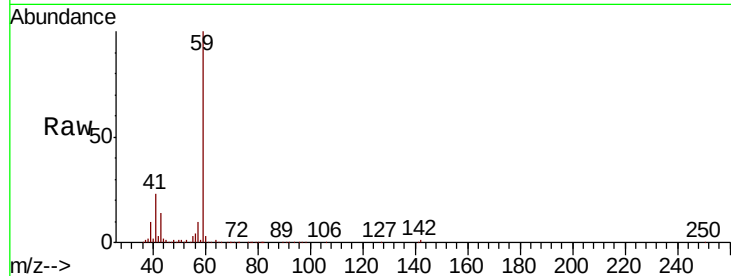
Tert butyl alcohol
Concen: 290.610 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

Manual Integrations
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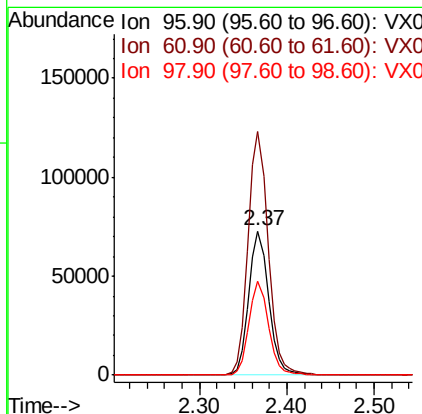
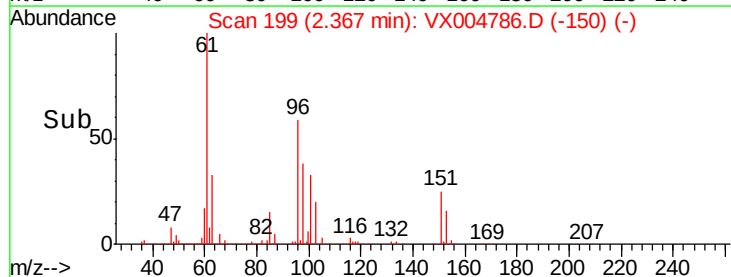
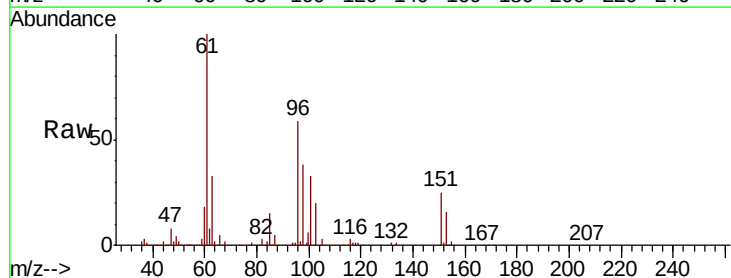
MMDadoda
9/28/2018 2:26:09 PM

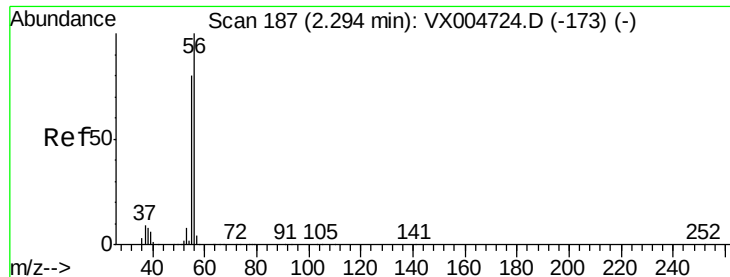


#12

1,1-Dichloroethene
Concen: 52.080 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.9	128.8	193.2
98	65.0	52.2	78.2





#13

Acrolein

Concen: 247.629 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 142950

Ion Ratio Lower Upper

56 100

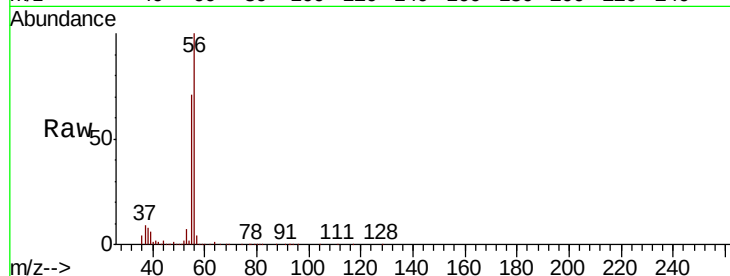
55 71.7 54.7 82.1

Manual Integrations

APPROVED

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

100000

80000

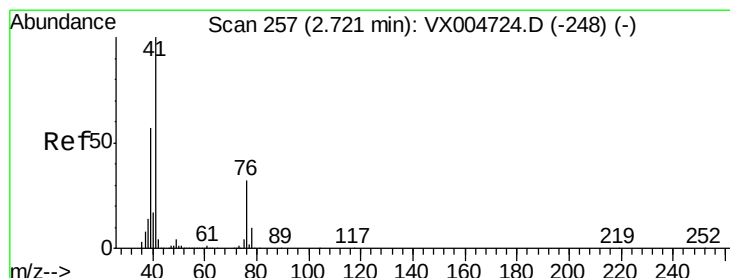
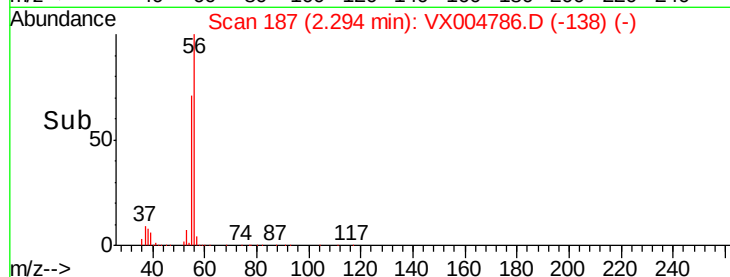
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 61.097 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

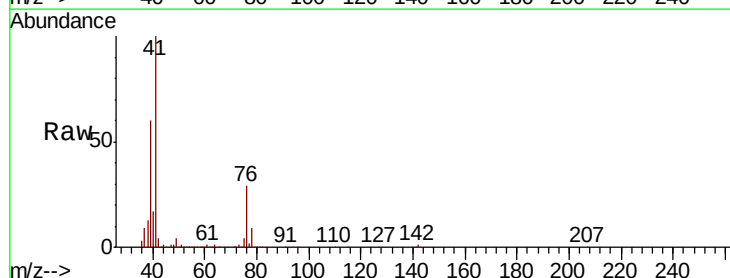
Tgt Ion: 41 Resp: 293410

Ion Ratio Lower Upper

41 100

39 58.0 48.9 73.3

76 28.1 26.7 40.1



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

200000

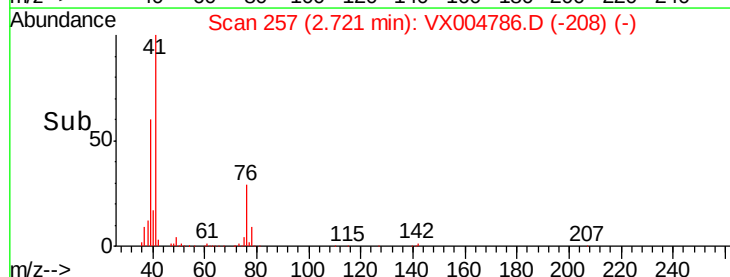
150000

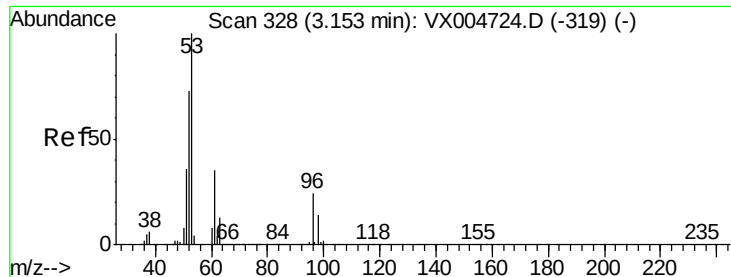
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 311.611 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

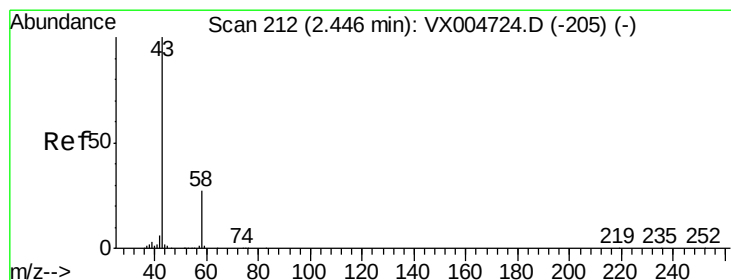
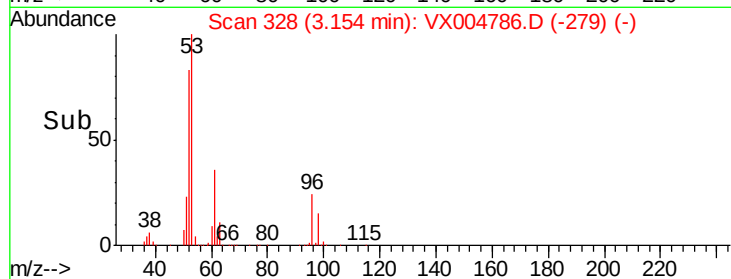
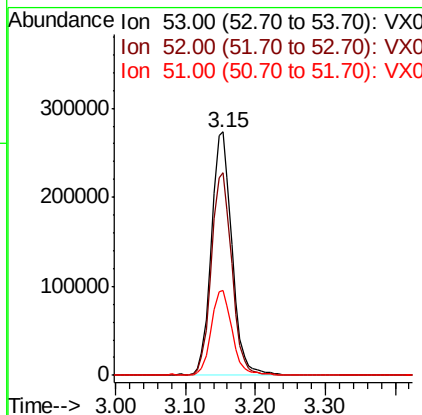
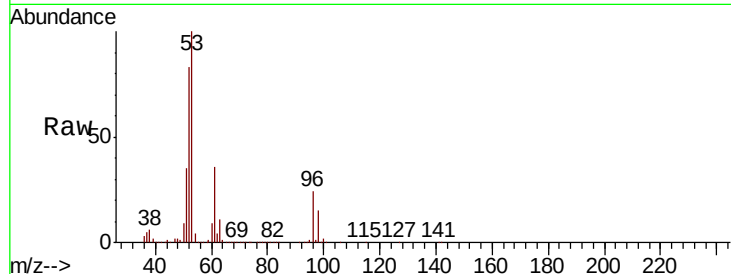
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	556568
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.2	97.8
51	35.8	28.2	42.2

Manual Integrations
APPROVED

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#16

Acetone

Concen: 280.384 ug/l

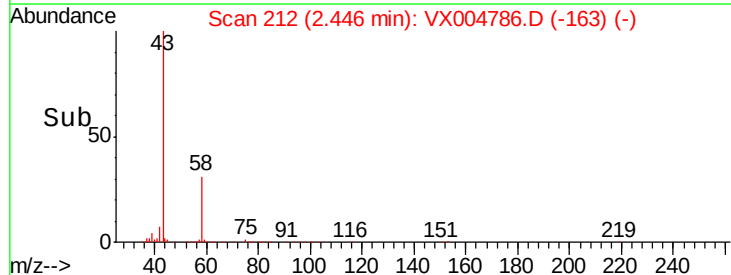
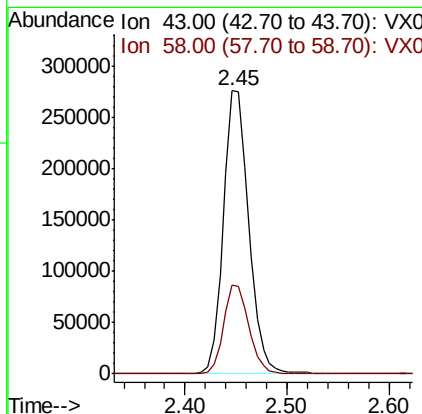
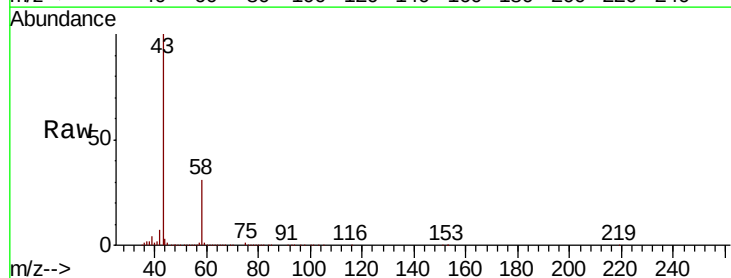
RT: 2.45 min Scan# 212

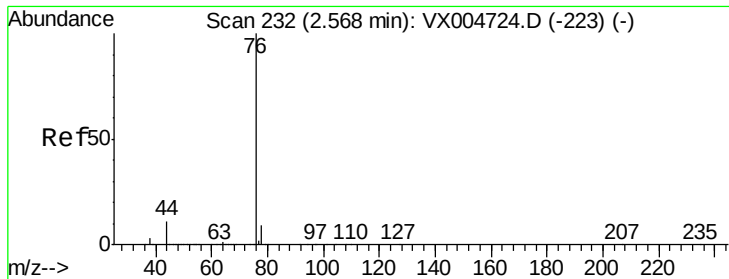
Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Tgt Ion:	43	Resp:	474997
Ion	Ratio	Lower	Upper
43	100		
58	31.3	26.2	39.4





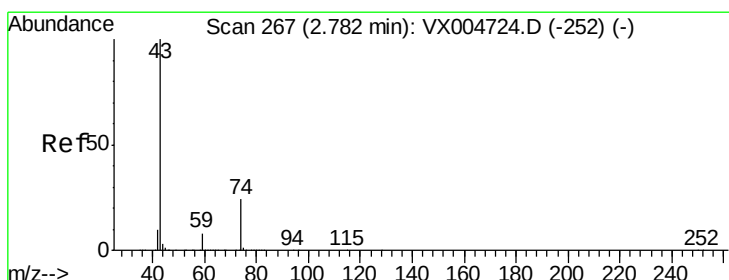
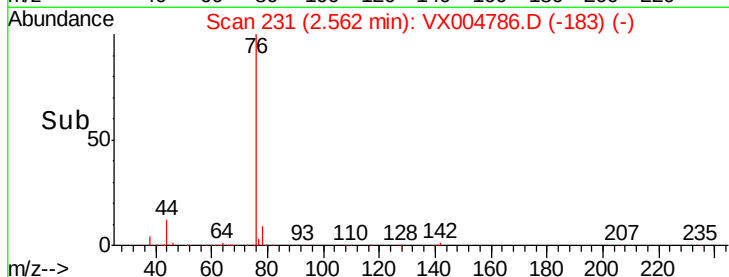
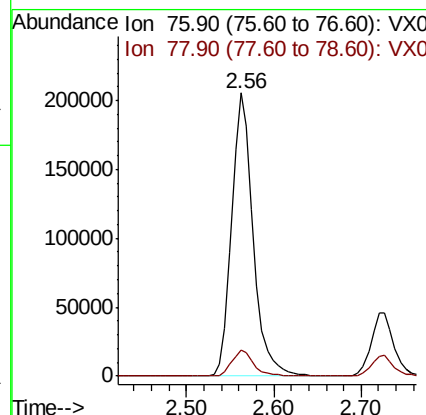
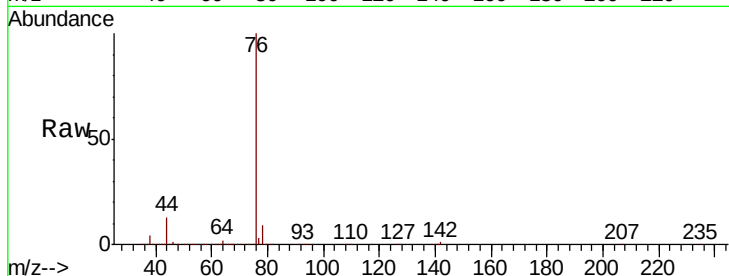
#17
Carbon Disulfide
Concen: 53.139 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

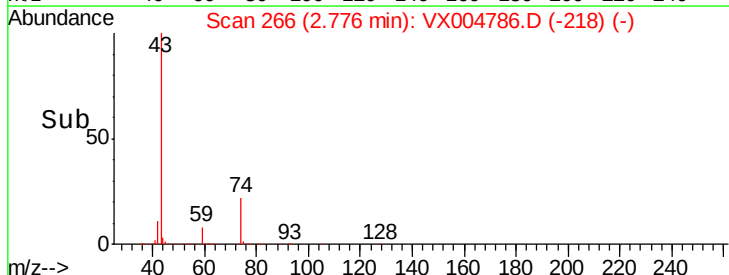
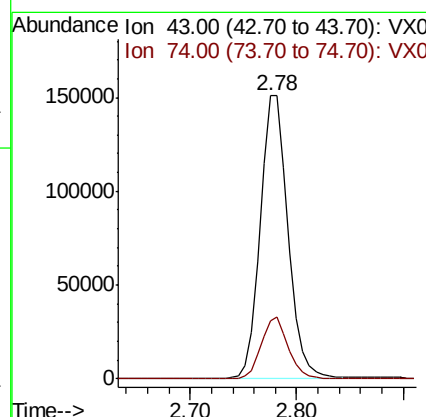
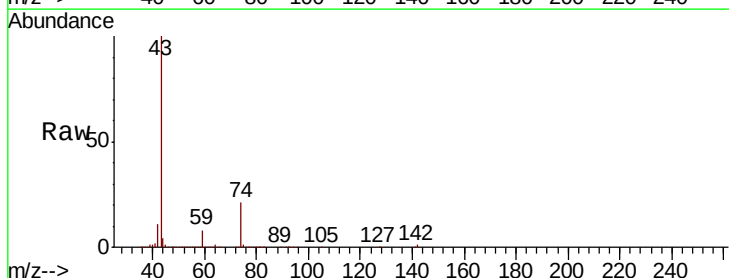
Manual Integrations
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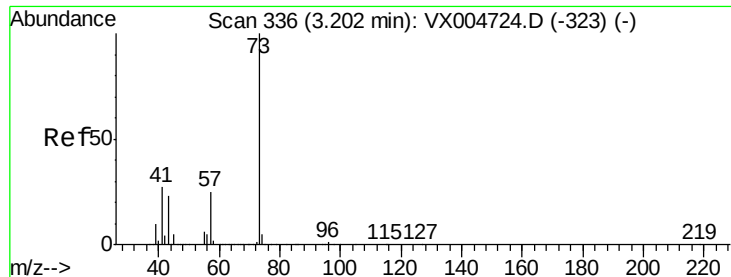
MMDadoda
9/28/2018 2:26:09 PM



#18
Methyl Acetate
Concen: 64.003 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	19.4	29.2





#19

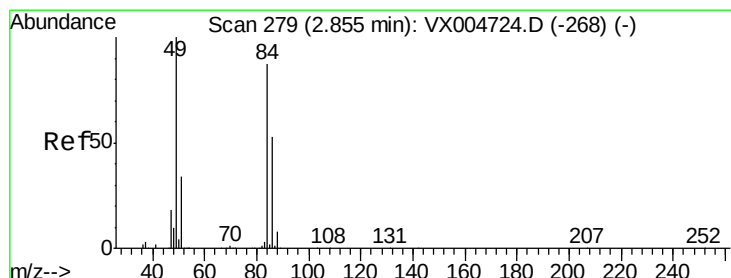
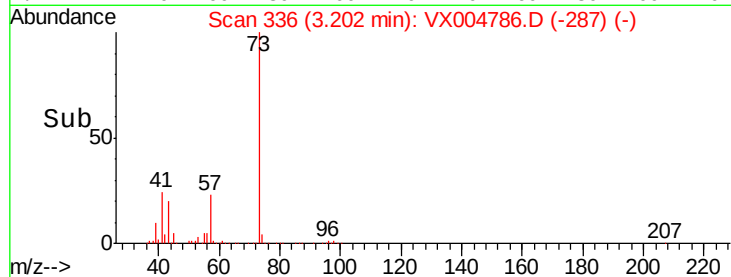
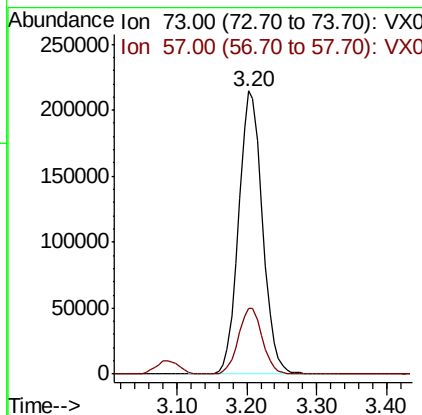
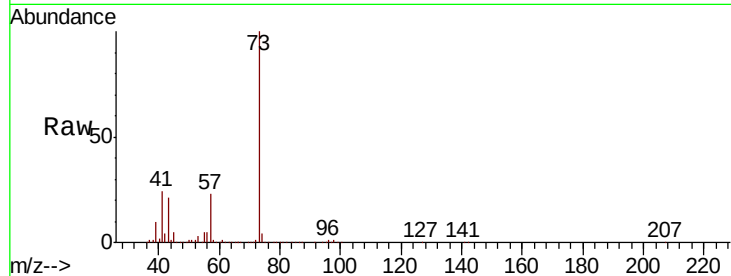
Methyl tert-butyl Ether
 Concen: 66.582 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.1	25.7

Manual Integrations
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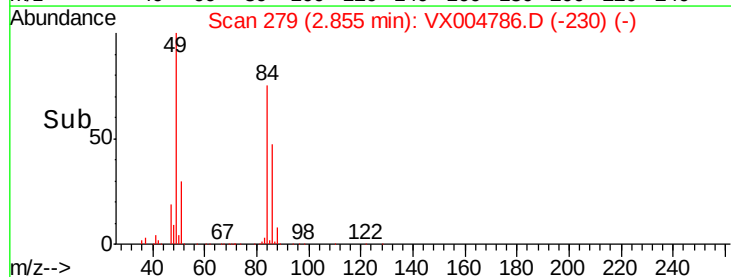
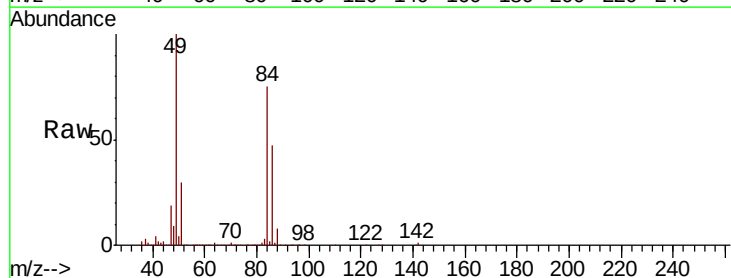
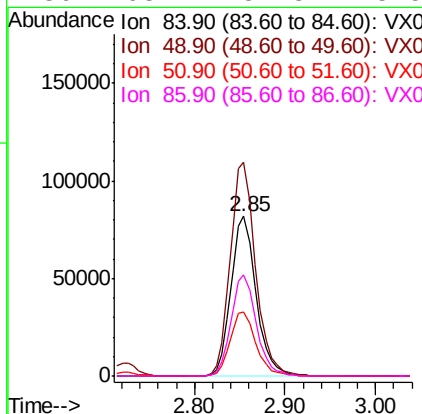
MMDadoda
 9/28/2018 2:26:09 PM

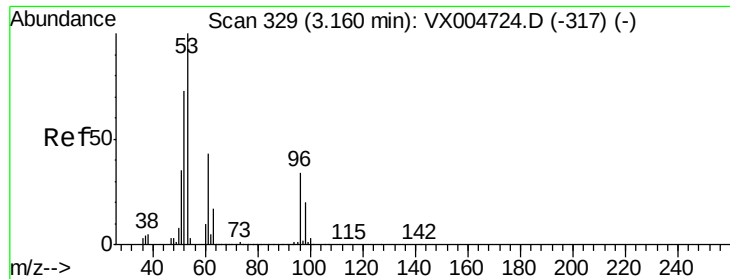


#20

Methylene Chloride
 Concen: 64.081 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.9	101.2	151.8
51	40.2	29.5	44.3
86	63.4	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 56.124 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

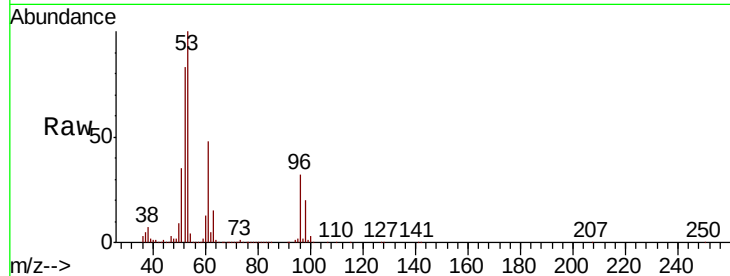
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	135226
Ion	Ratio	Lower	Upper
96	100		
61	147.3	113.8	170.6
98	62.6	51.8	77.8

Manual Integrations
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9/28/2018 2:26:09 PM

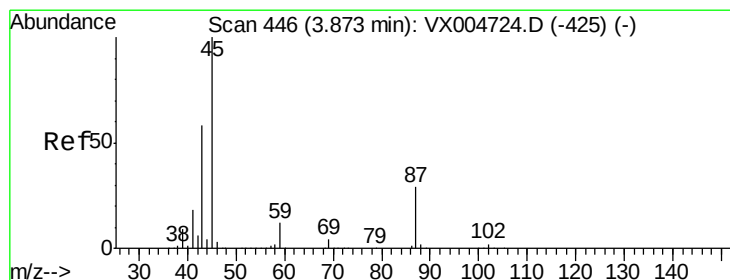
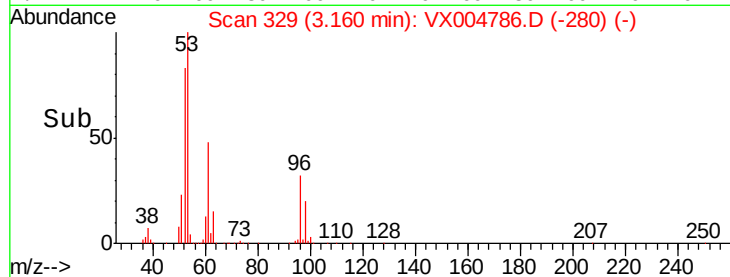
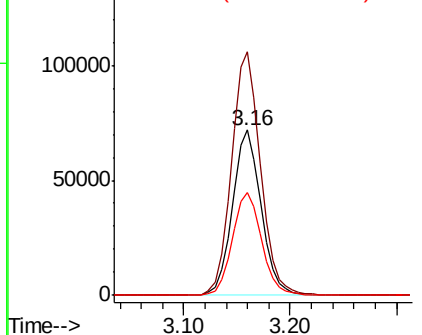


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 64.063 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Tgt Ion:	45	Resp:	518063
Ion	Ratio	Lower	Upper
45	100		
43	56.9	42.8	64.2
87	25.2	22.6	34.0
59	11.1	9.6	14.4

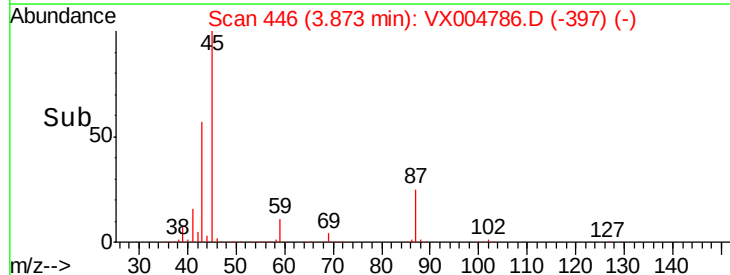
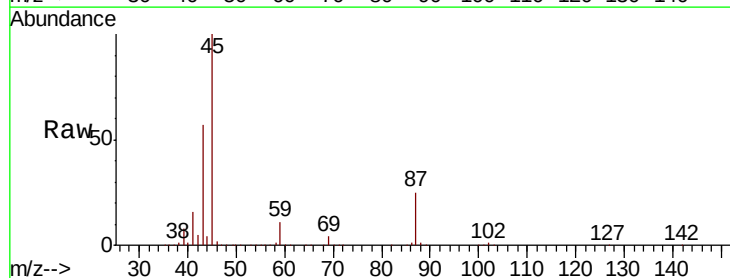
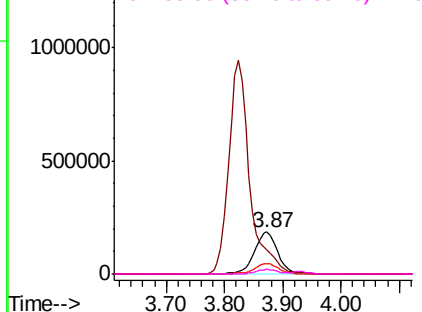
Abundance

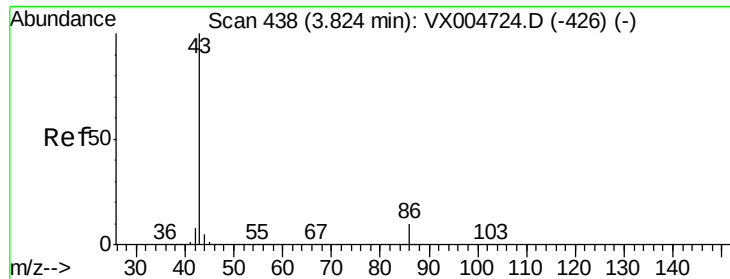
Ion 45.00 (44.70 to 45.70): VX0

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: 320.926 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2375608

Ion Ratio Lower Upper

43 100

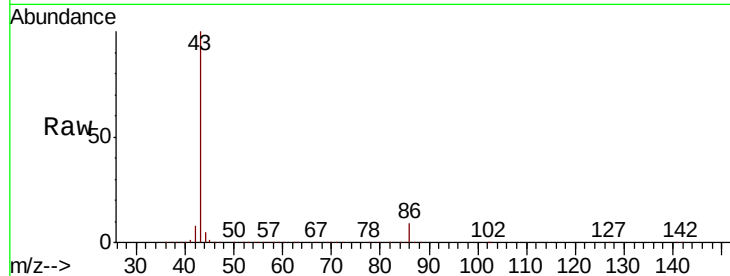
86 9.4 8.9 13.3

Manual Integrations

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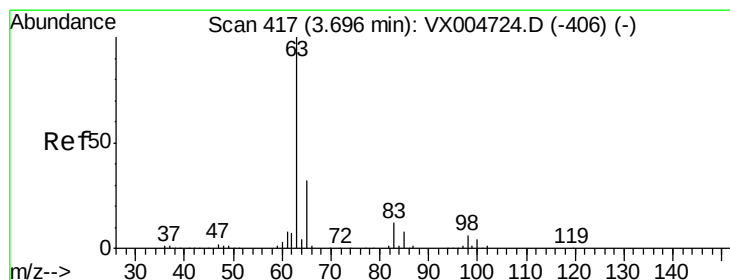
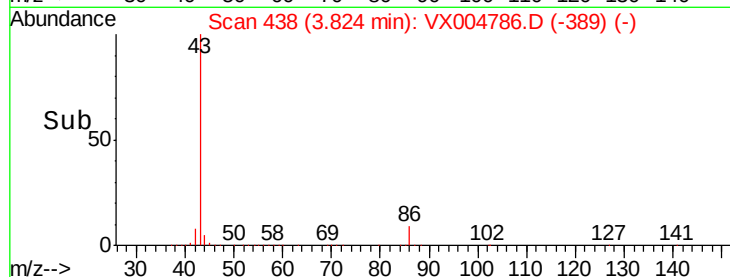
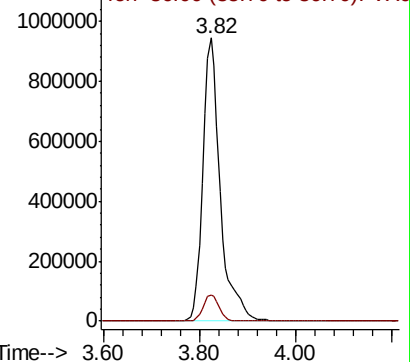
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 55.348 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

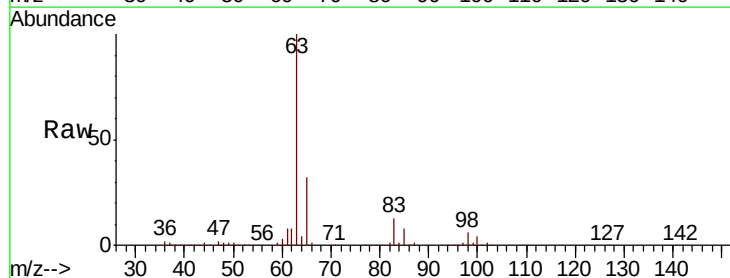
Tgt Ion: 63 Resp: 266991

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

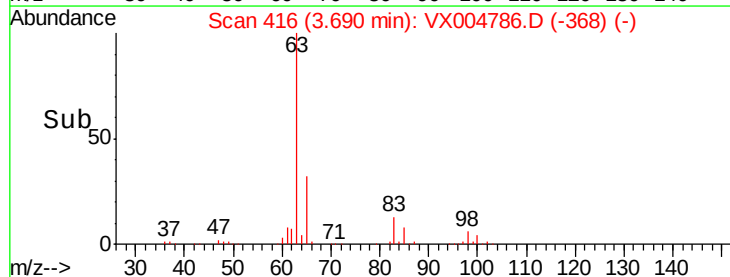
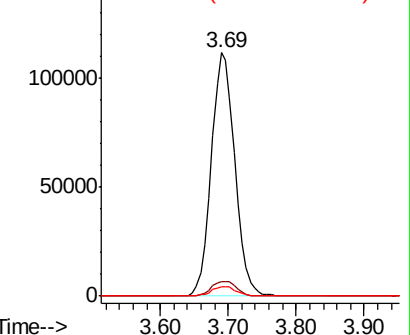
100 3.9 2.4 7.1

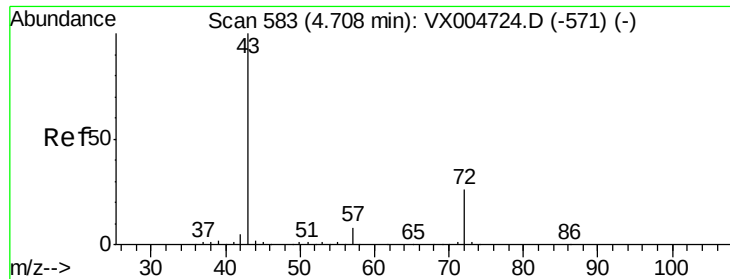


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 298.702 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 745901

Ion Ratio Lower Upper

43 100

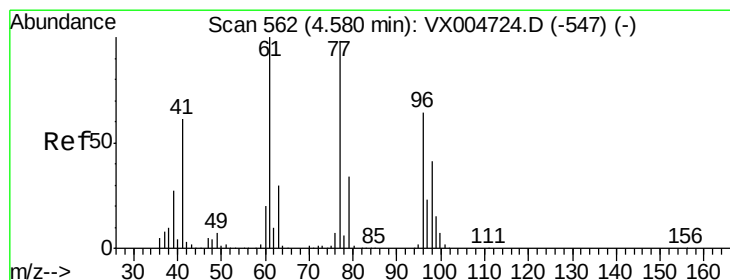
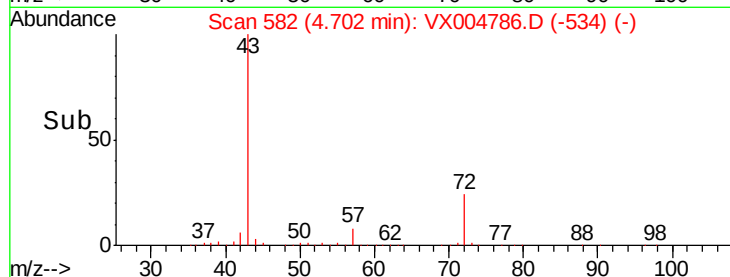
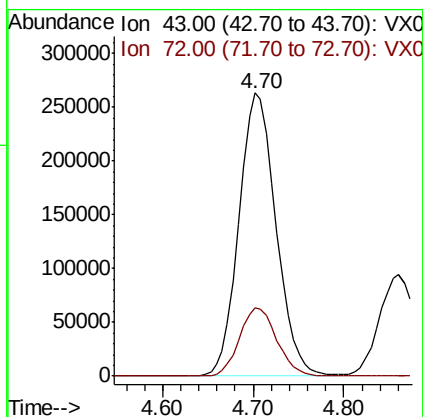
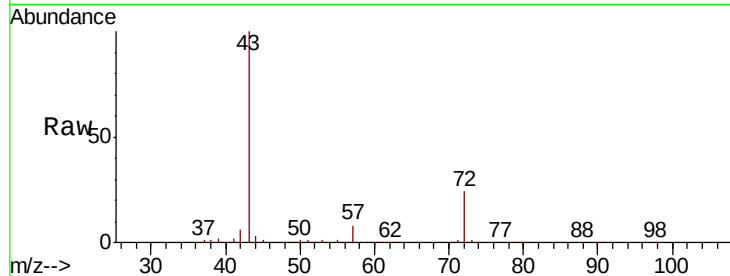
72 24.1 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.678 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004786.D

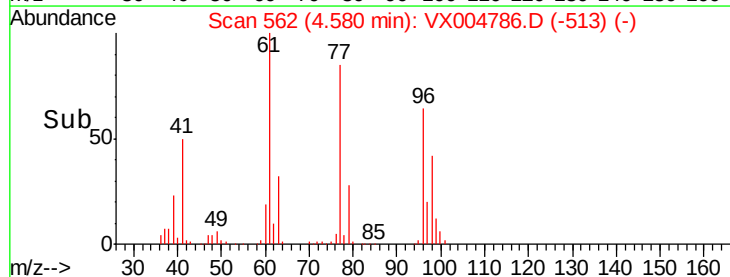
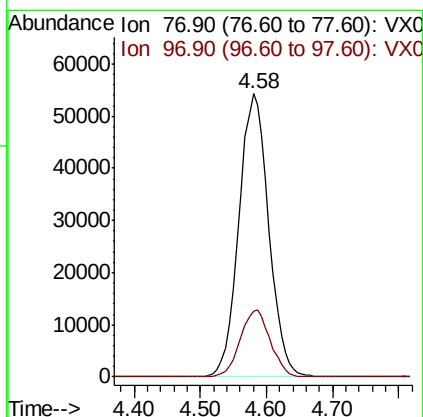
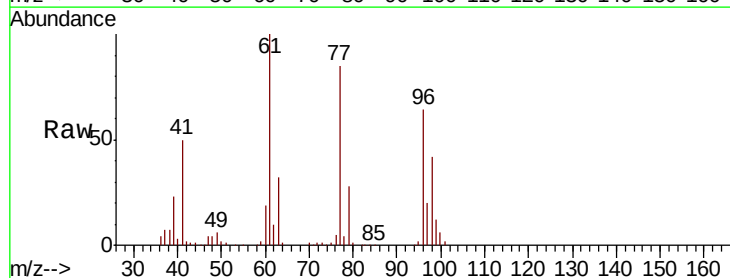
Acq: 27 Sep 2018 20:37

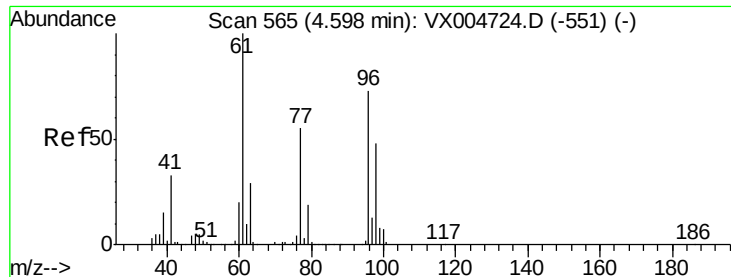
Tgt Ion: 77 Resp: 170235

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.0





#27

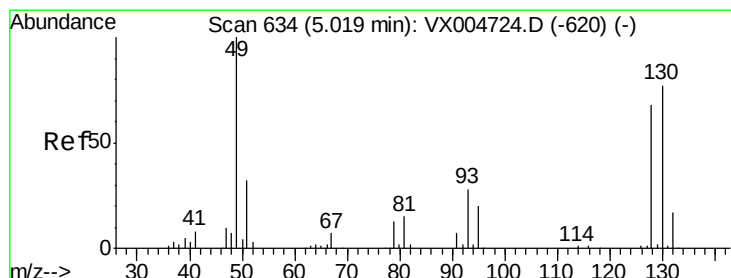
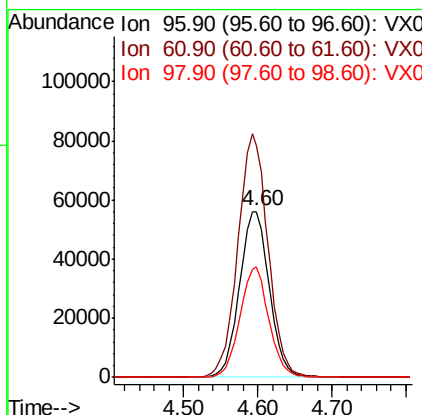
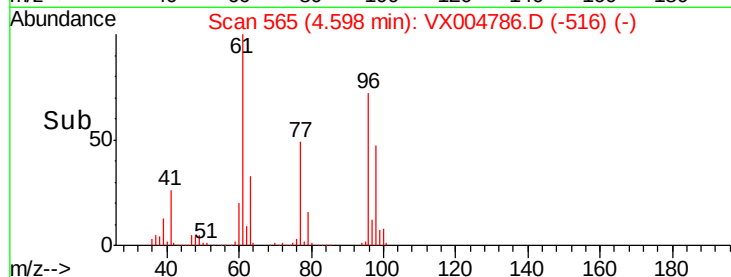
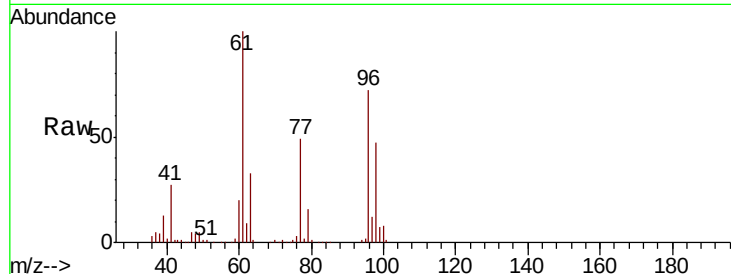
cis-1,2-Dichloroethene
 Concen: 58.650 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	157864		
61	147.6	0.0	282.6	
98	64.3	0.0	130.2	

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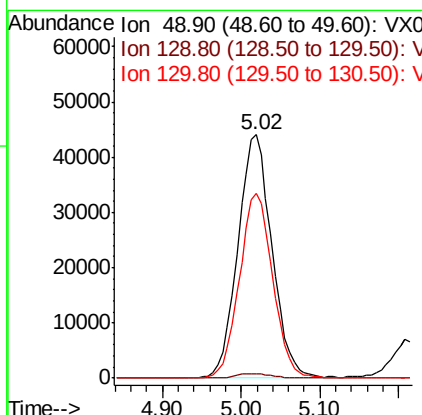
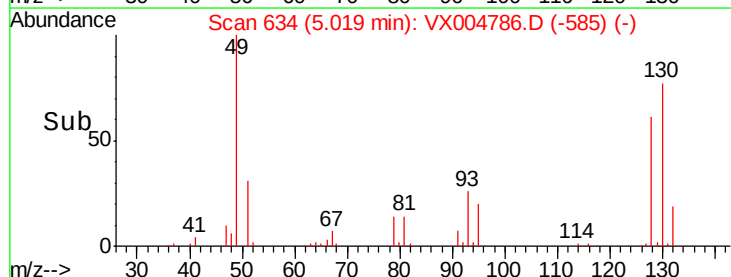
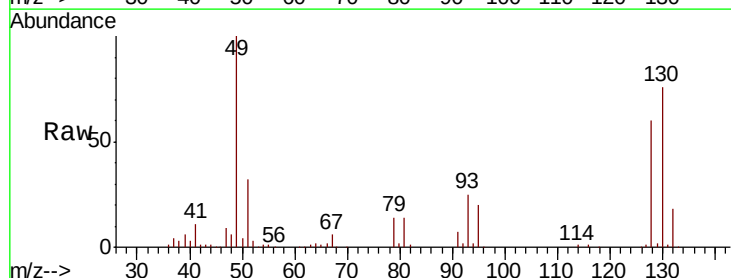
MMDadoda
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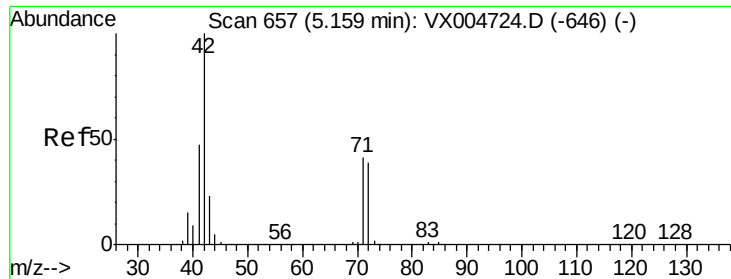


#28

Bromochloromethane
 Concen: 57.937 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	131611		
129	1.9	0.0	4.2	
130	74.5	67.5	101.3	





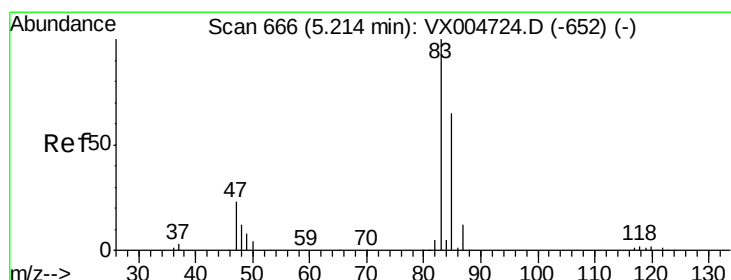
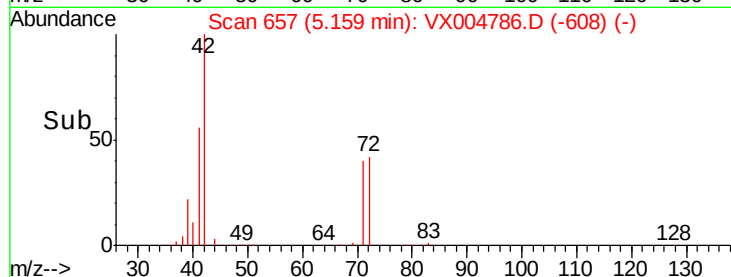
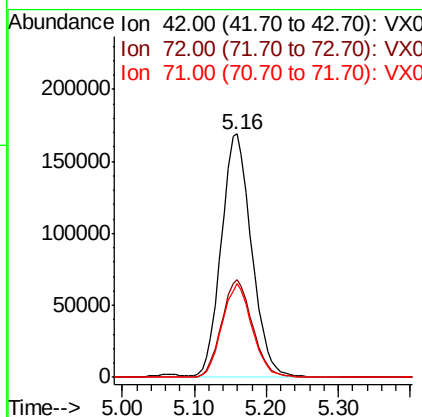
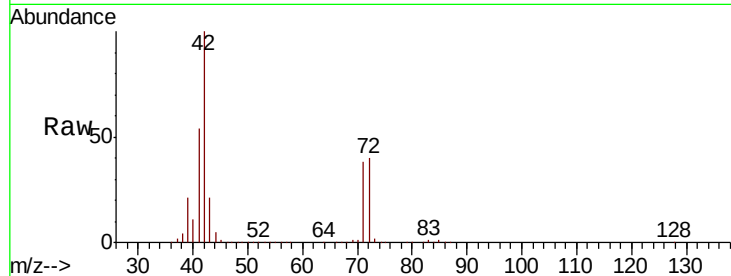
#29
Tetrahydrofuran
Concen: 318.151 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	37.4	56.0
71	38.1	34.5	51.7

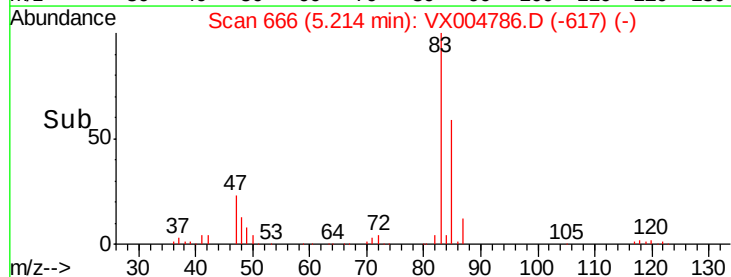
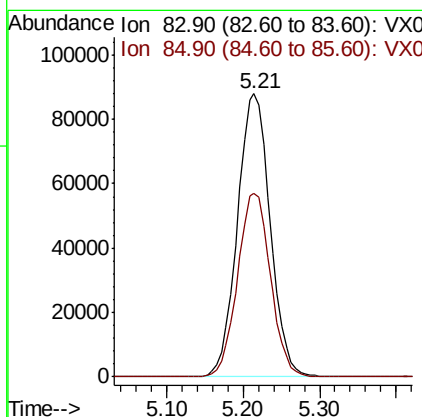
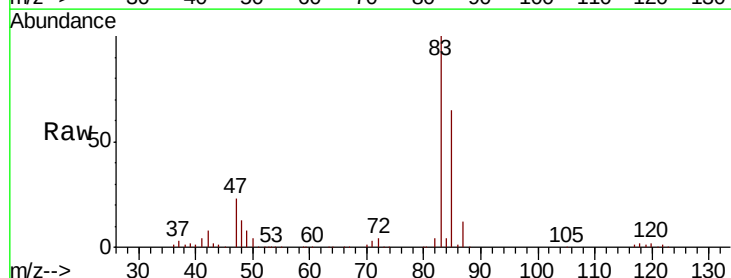
Manual Integrations
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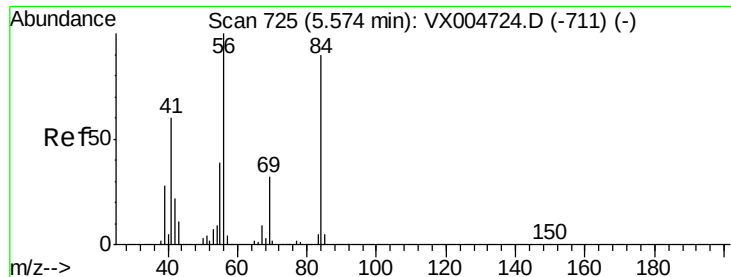
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#30
Chloroform
Concen: 57.338 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.6	79.0





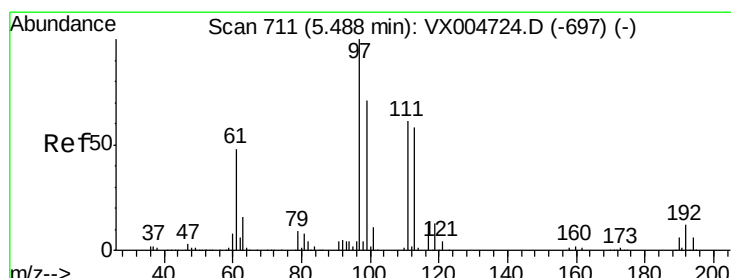
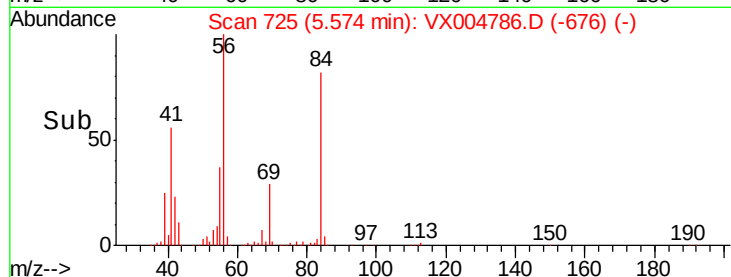
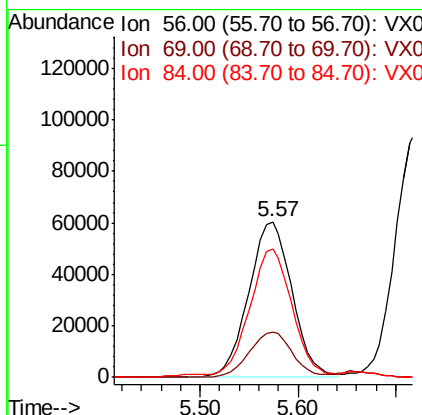
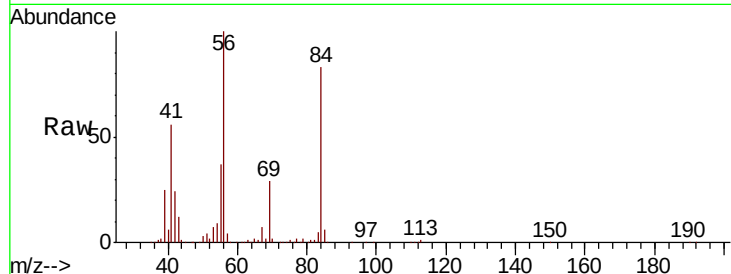
#31
Cyclohexane
Concen: 50.242 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	25.4	38.2
84	80.8	71.4	107.2

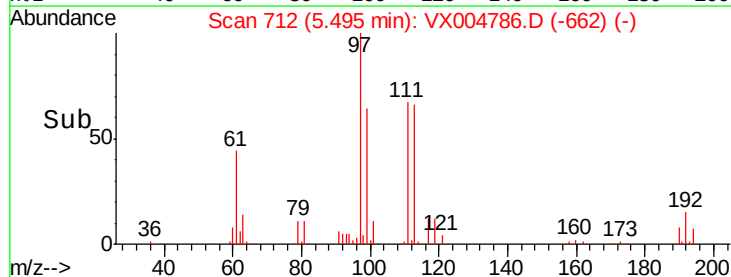
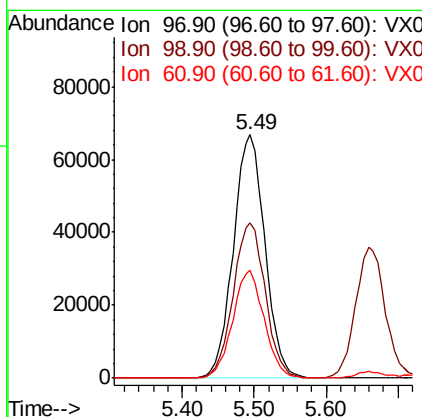
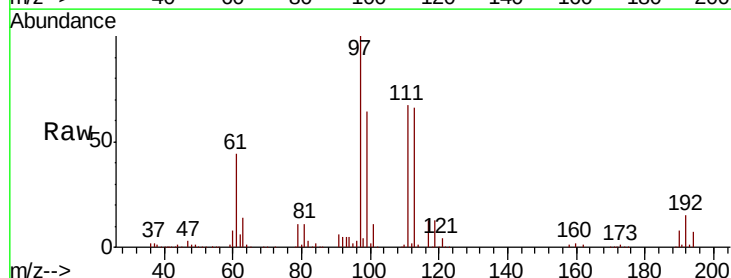
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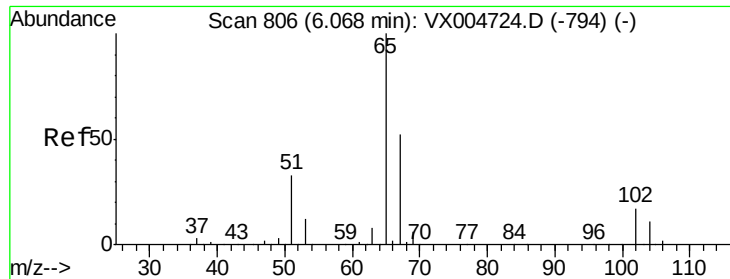
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#32
1,1,1-Trichloroethane
Concen: 54.694 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	44.2	34.9	52.3





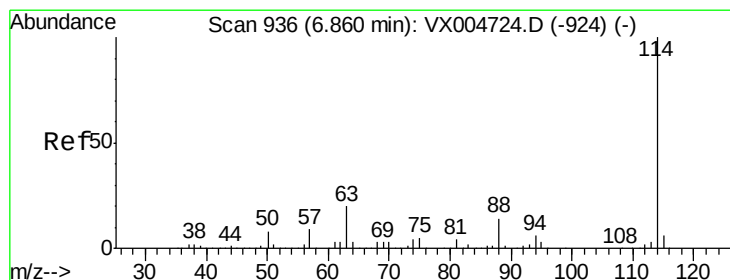
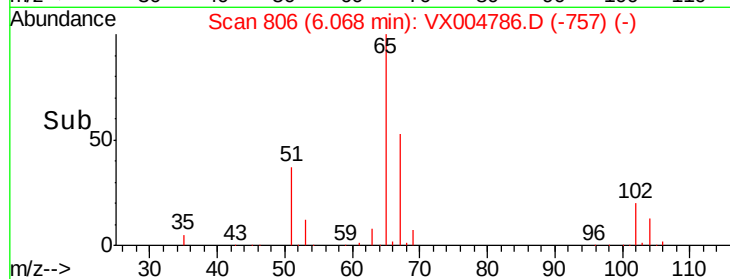
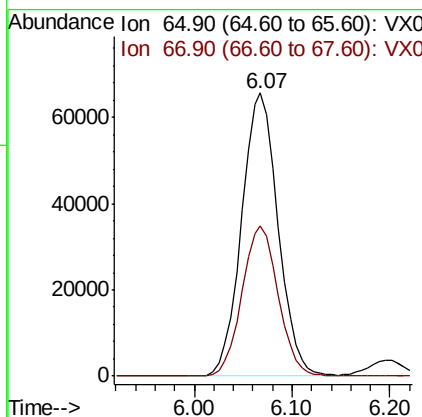
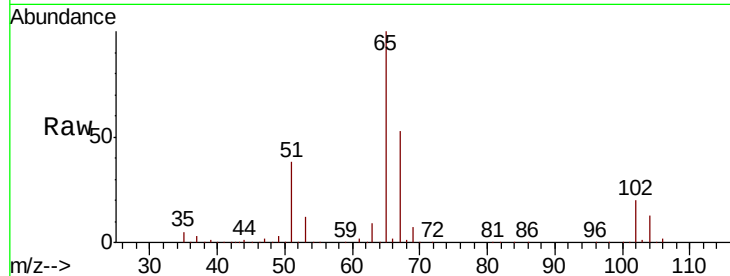
#33
 1,2-Dichloroethane-d4
 Concen: 58.379 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.8

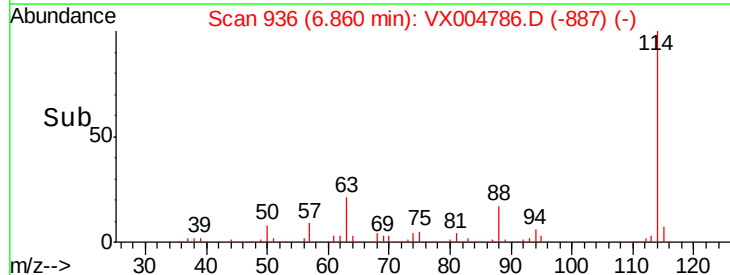
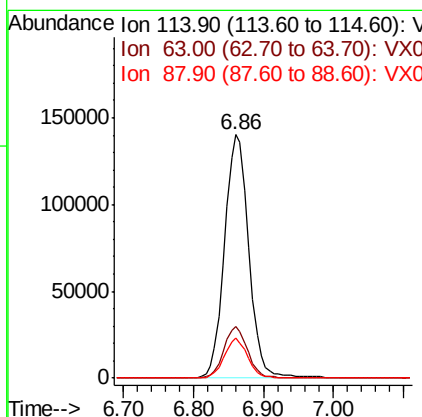
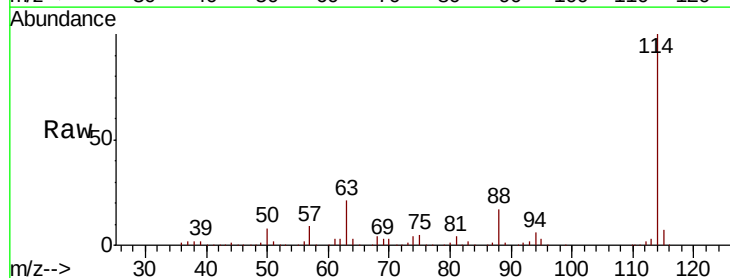
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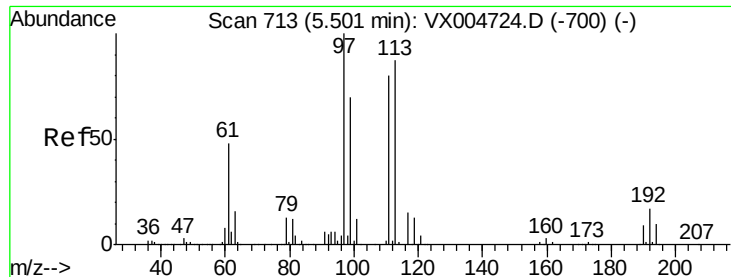
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.0
88	16.6	0.0	30.4





#35

Dibromofluoromethane

Concen: 46.886 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

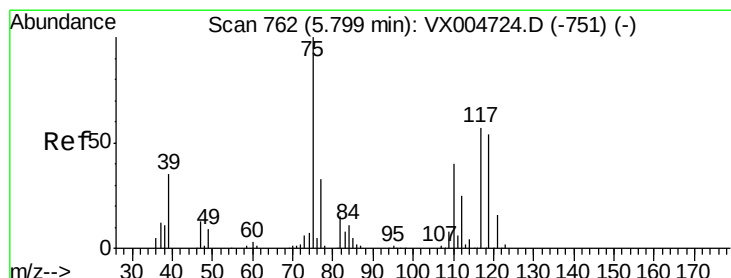
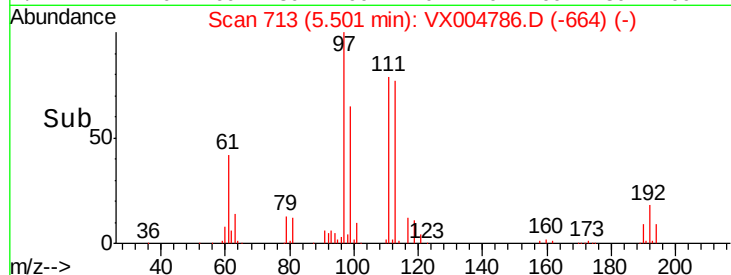
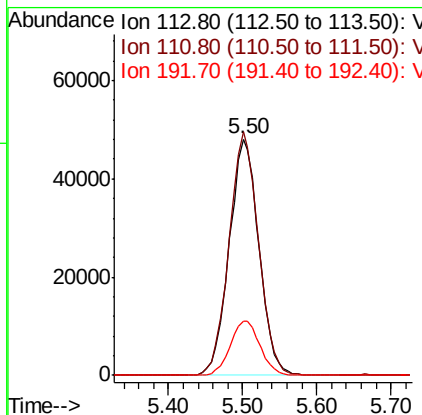
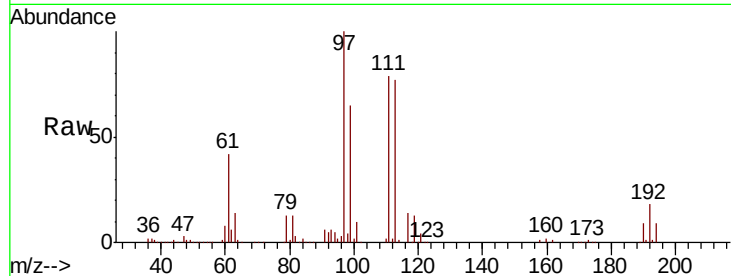
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	134369
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.4	123.6
192	23.1	19.4	29.2

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#36

1,1-Dichloropropene

Concen: 44.047 ug/l

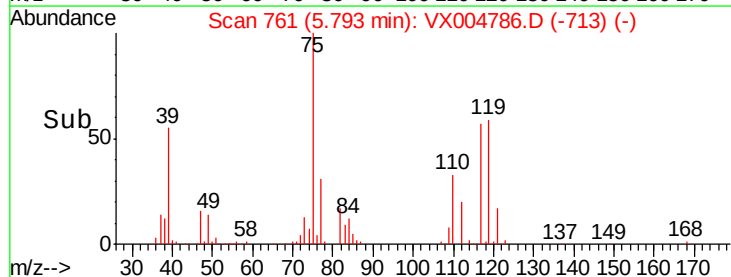
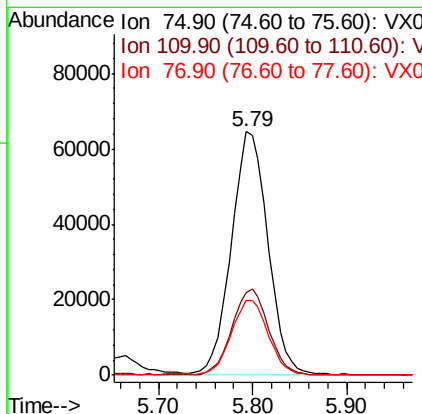
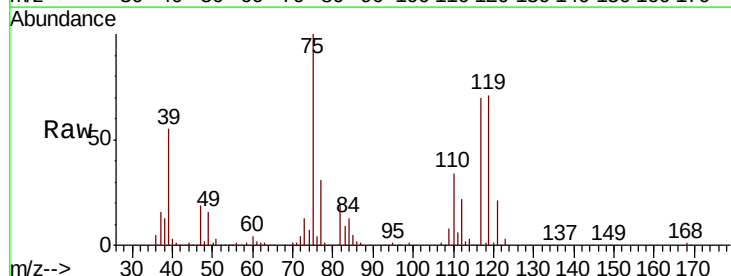
RT: 5.79 min Scan# 761

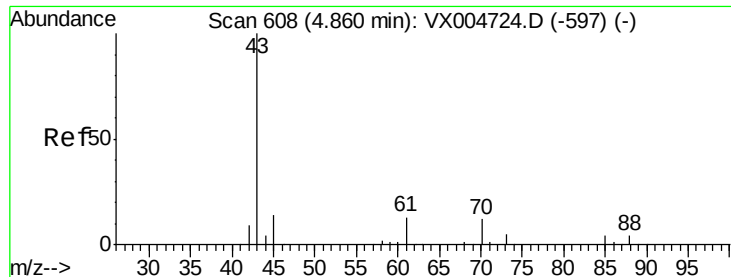
Delta R.T. -0.01 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Tgt Ion:	75	Resp:	172226
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.0	54.0
77	30.9	24.6	36.8





#37

Ethyl Acetate

Concen: 52.508 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 272533

Ion Ratio Lower Upper

43 100

61 13.8 11.5 17.3

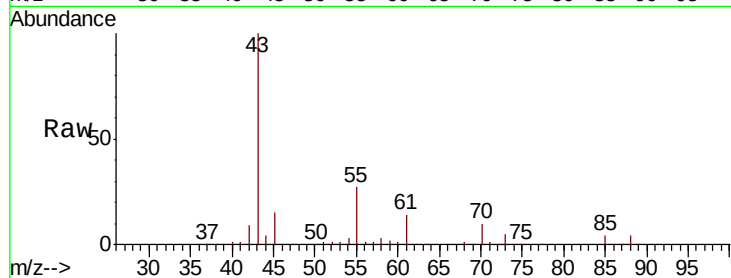
70 10.0 9.0 13.6

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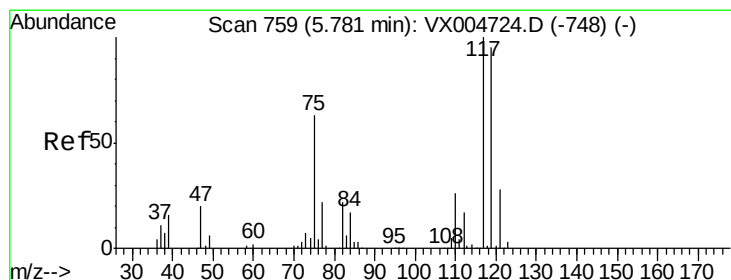
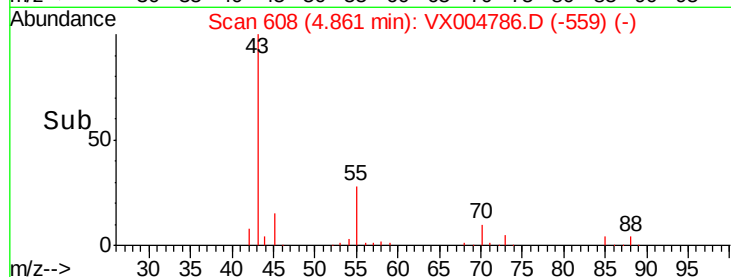
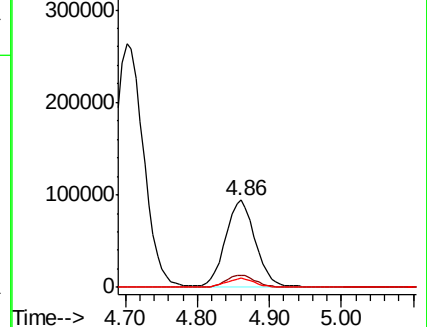
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 41.095 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

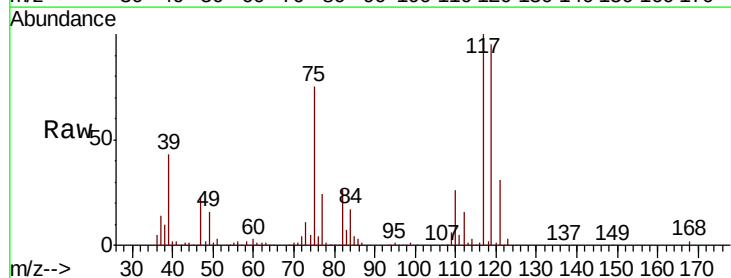
Tgt Ion: 117 Resp: 168910

Ion Ratio Lower Upper

117 100

119 95.0 78.8 118.2

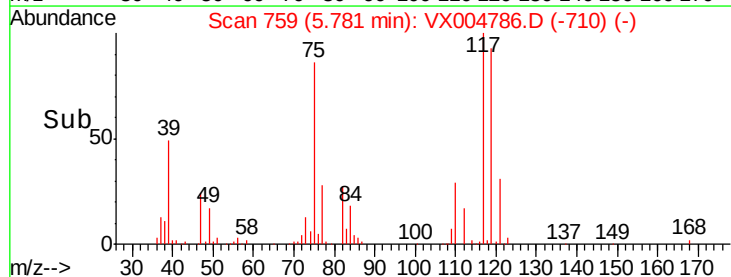
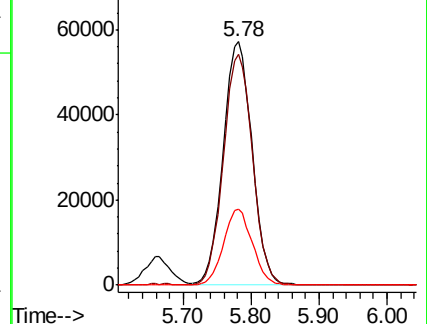
121 31.2 24.9 37.3

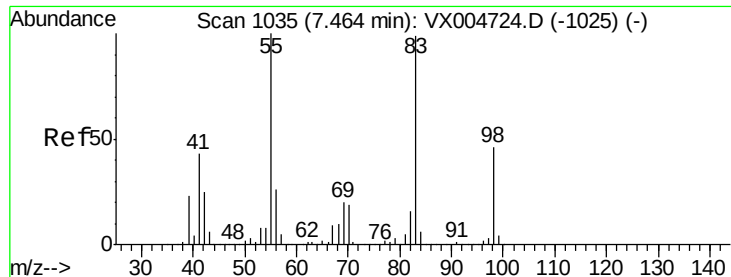


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





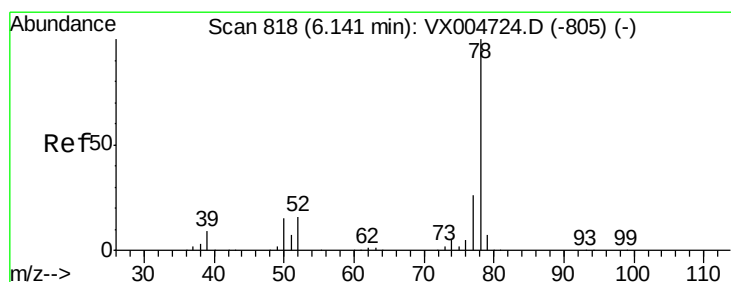
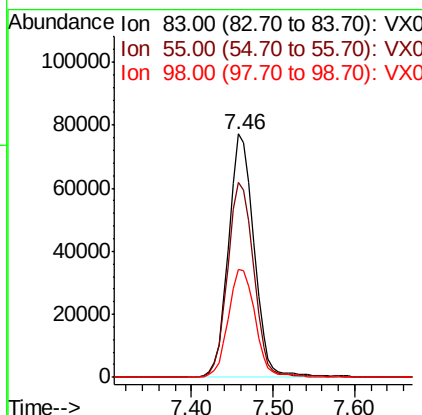
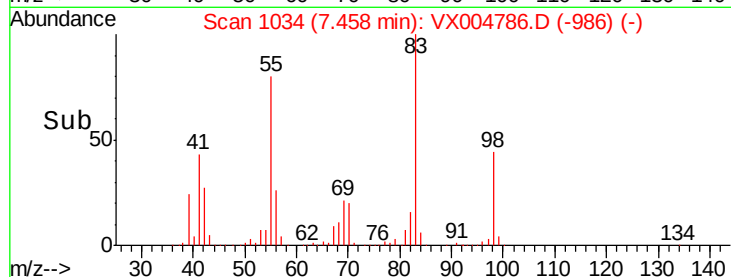
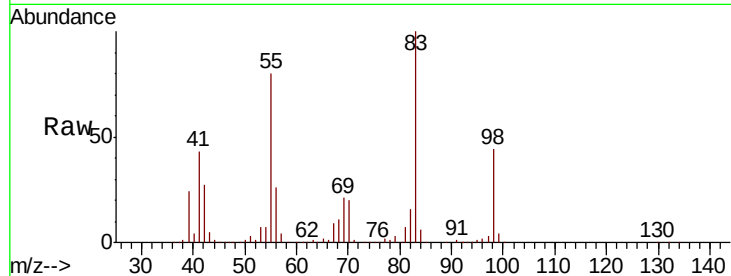
#39
Methylvlcyclohexane
Concen: 41.927 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	167400
Ion Ratio	Lower	Upper	
83	100		
55	80.3	61.0	91.4
98	44.2	39.6	59.4

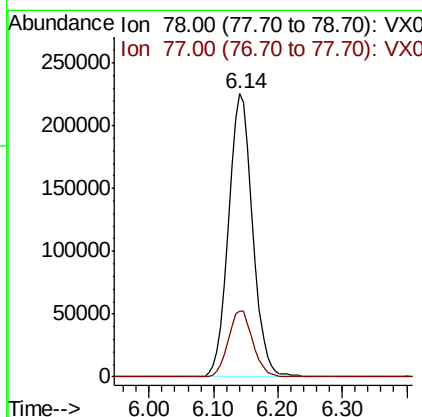
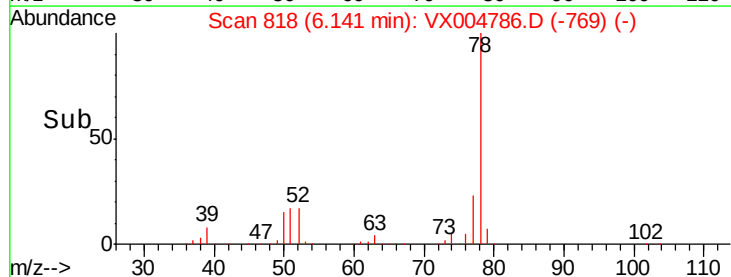
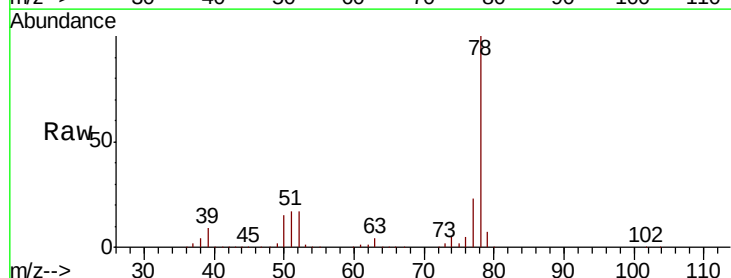
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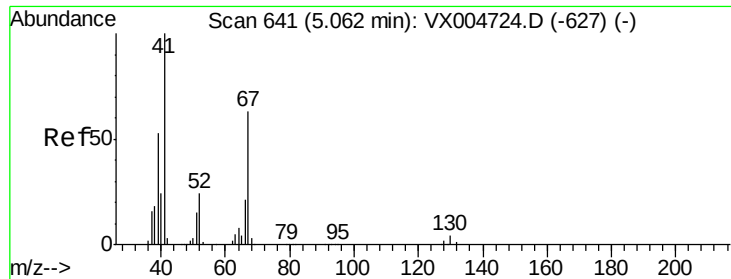
MMDadoda
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#40
Benzene
Concen: 48.469 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion	78.00	Resp	593324
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.0	28.4





#41

Methacrylonitrile

Concen: 52.724 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 151762

Ion Ratio Lower Upper

41 100

39 53.5 42.4 63.6

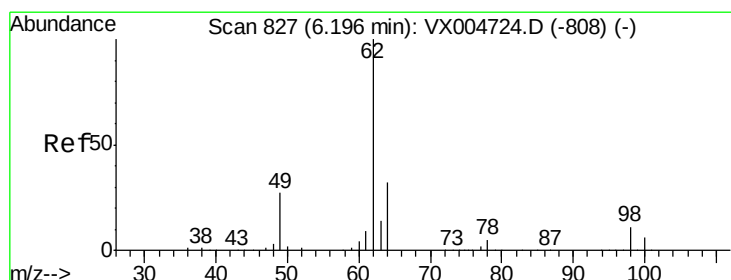
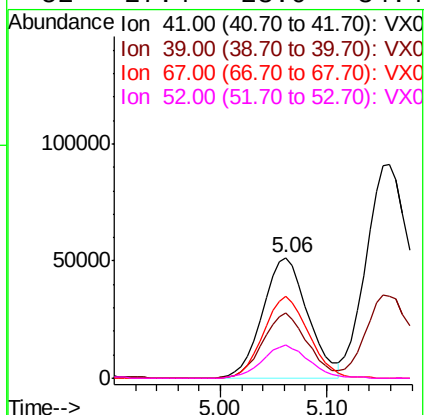
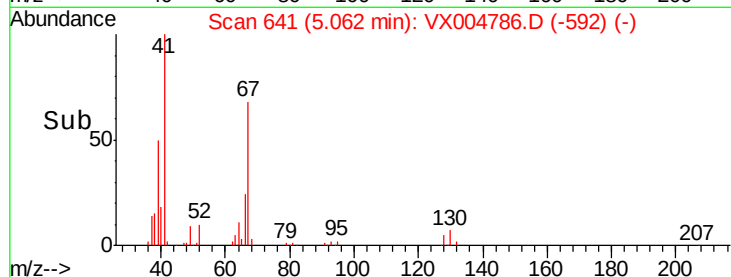
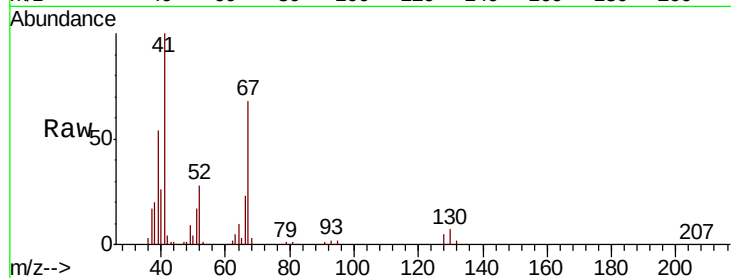
67 67.9 59.2 88.8

52 27.4 23.0 34.4

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.414 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX004786.D

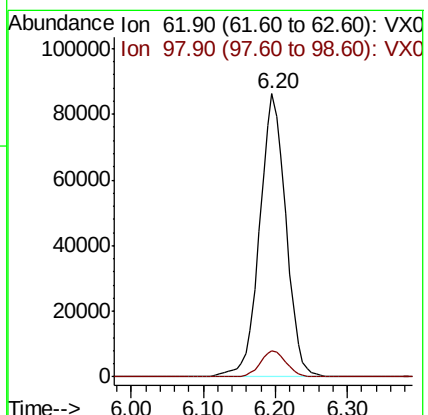
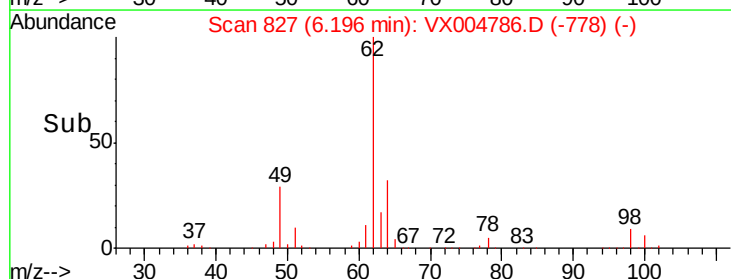
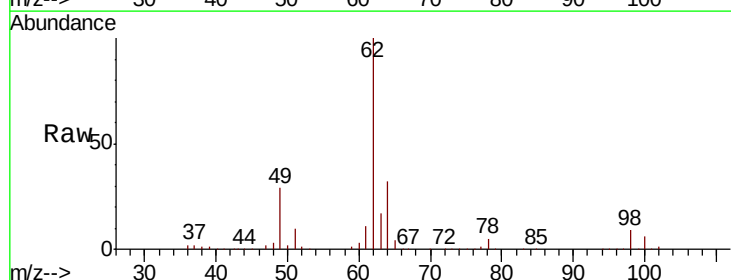
Acq: 27 Sep 2018 20:37

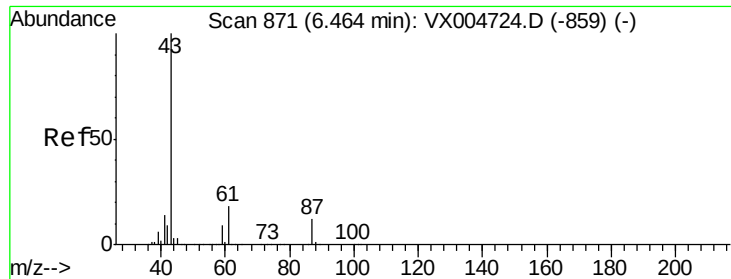
Tgt Ion: 62 Resp: 218161

Ion Ratio Lower Upper

62 100

98 9.3 0.0 20.6





#43

Isopropyl Acetate

Concen: 54.443 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

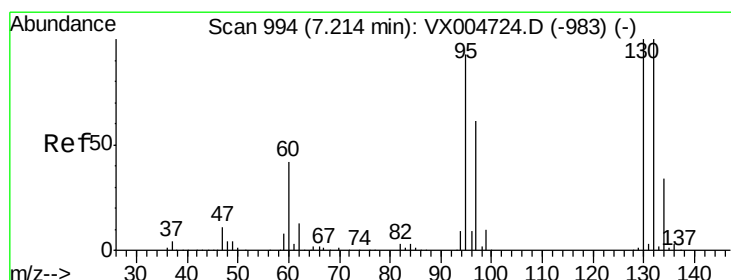
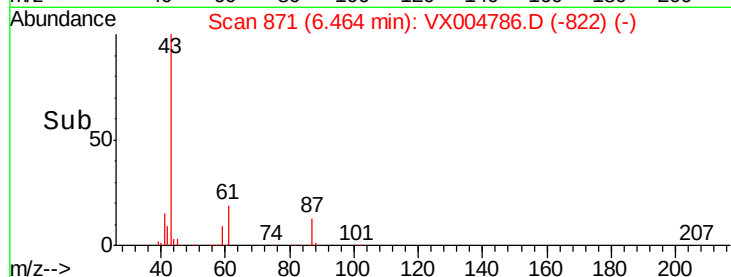
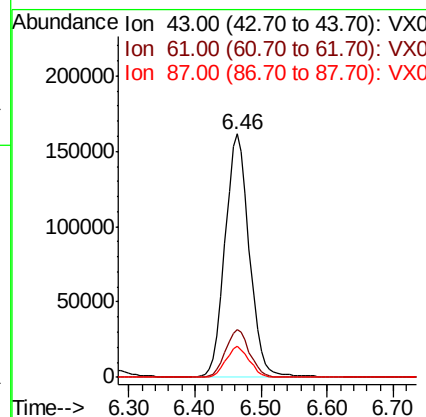
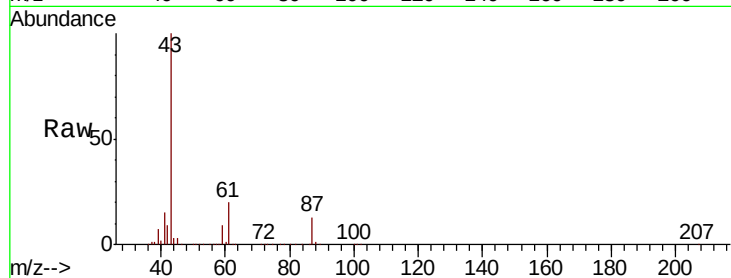
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	407850
Ion	Ratio	Lower	Upper
43	100		
61	19.6	17.0	25.4
87	12.5	11.4	17.2

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#44

Trichloroethene

Concen: 48.939 ug/l

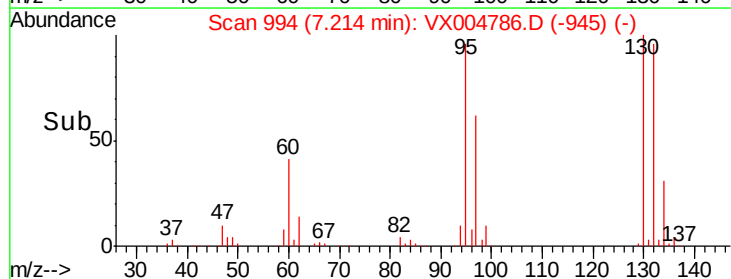
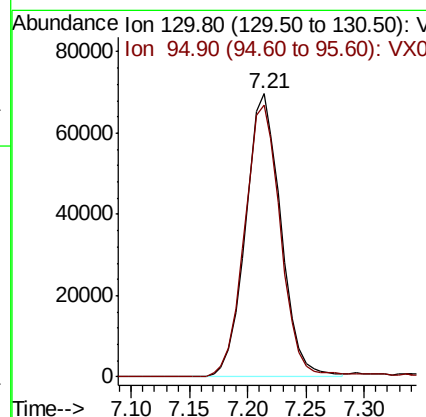
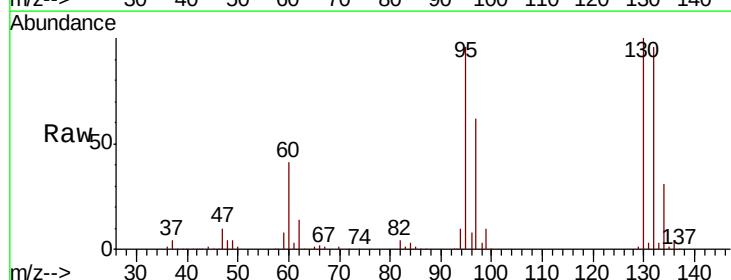
RT: 7.21 min Scan# 994

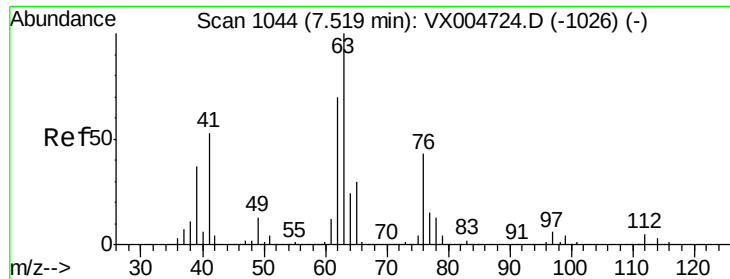
Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Tgt Ion:	130	Resp:	147272
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	181.6





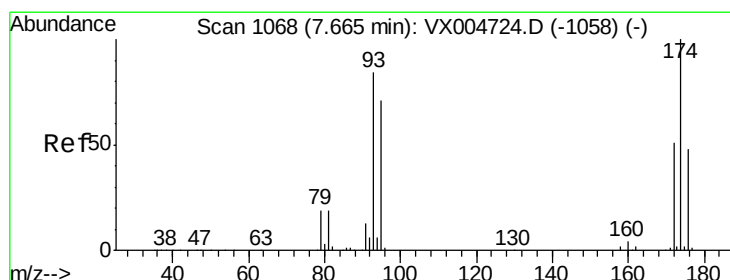
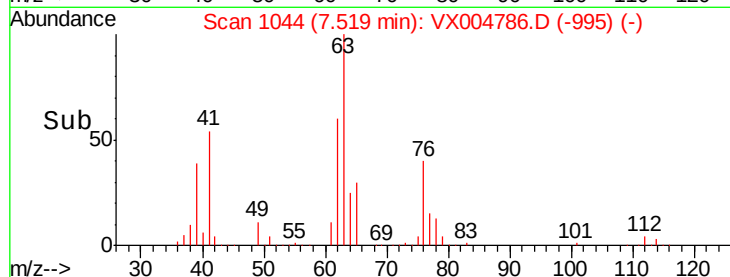
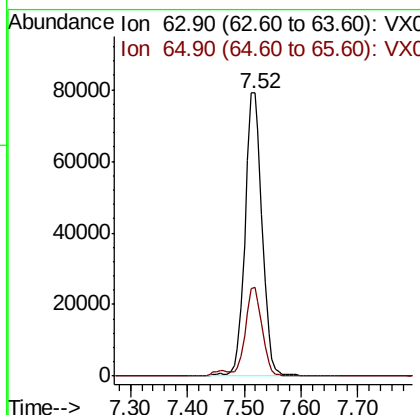
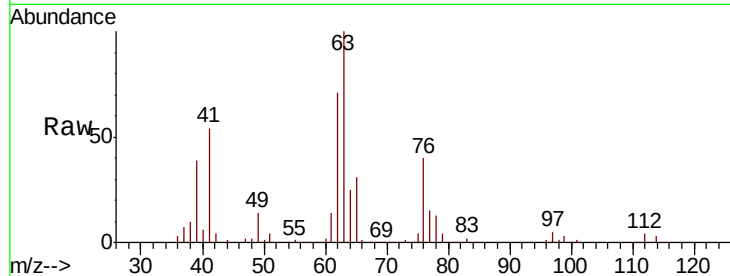
#45
 1,2-Dichloropropane
 Concen: 55.251 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.3	36.5

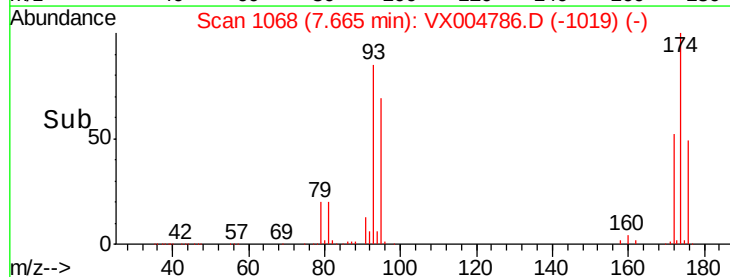
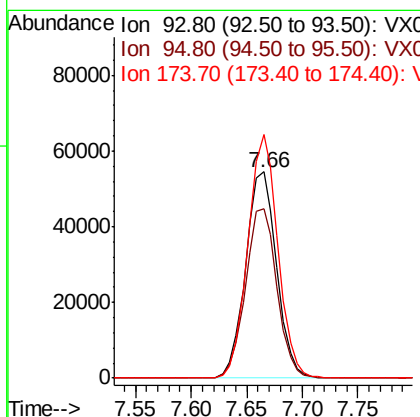
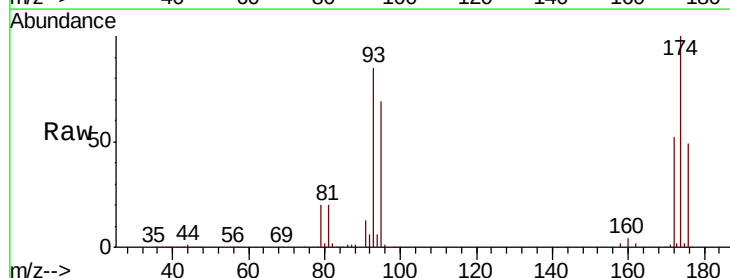
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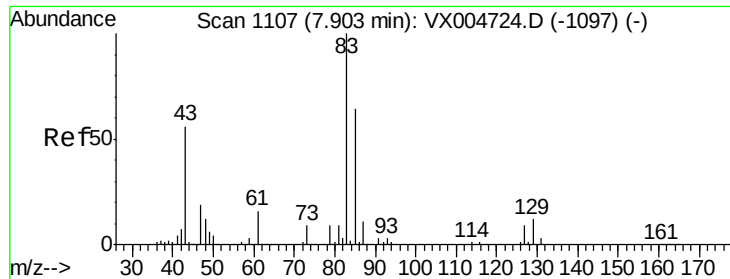
MMDadoda
 9/28/2018 2:26:09 PM



#46
 Dibromomethane
 Concen: 55.896 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.5	98.3
174	114.8	94.2	141.4





#47

Bromodichloromethane

Concen: 57.366 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

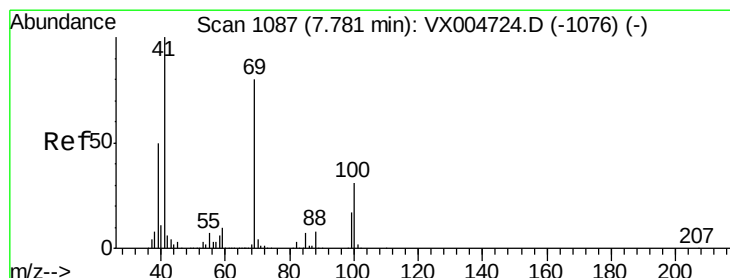
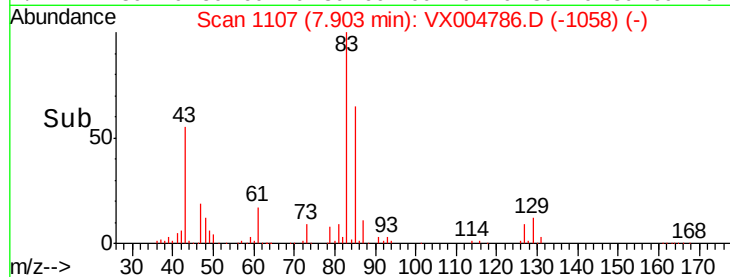
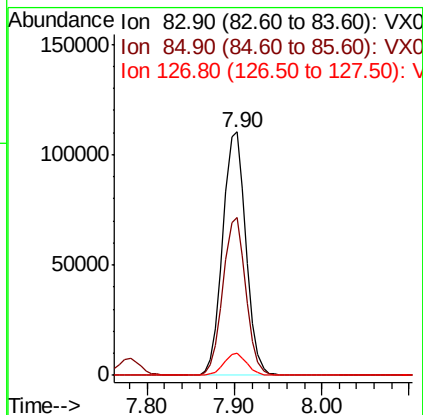
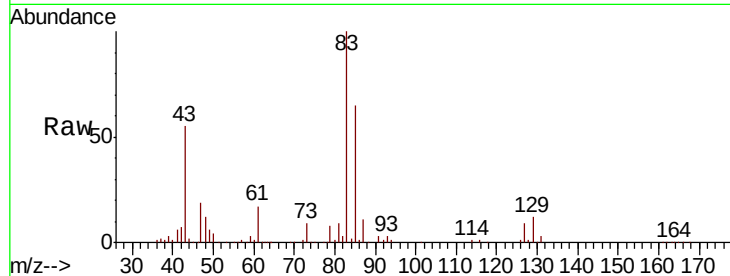
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	202631
Ion Ratio	Lower	Upper	
83	100		
85	64.6	50.9	76.3
127	9.0	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 63.553 ug/l

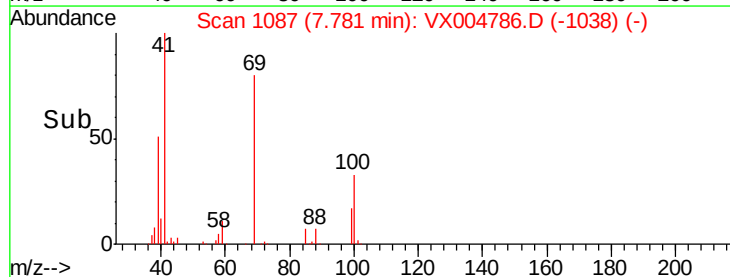
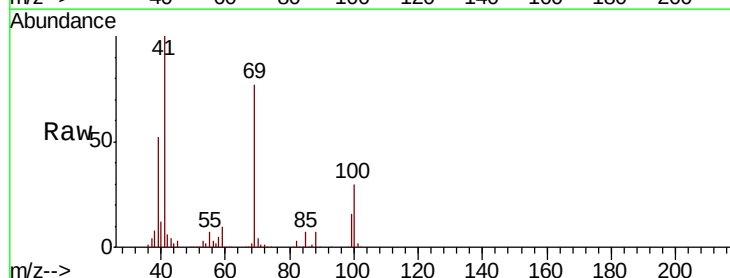
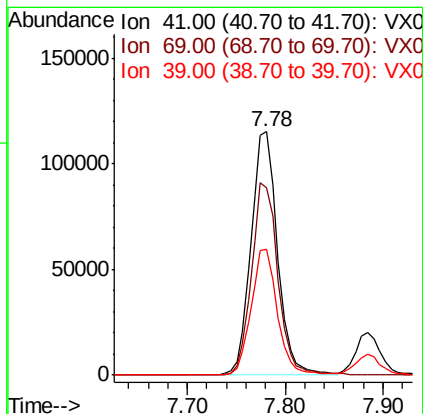
RT: 7.78 min Scan# 1087

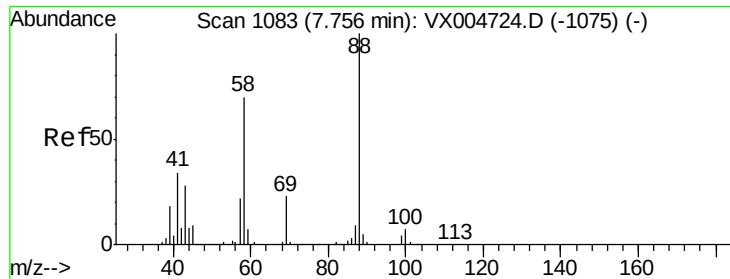
Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Tgt Ion:	41	Resp:	216093
Ion Ratio	Lower	Upper	
41	100		
69	79.3	70.2	105.4
39	51.2	42.7	64.1





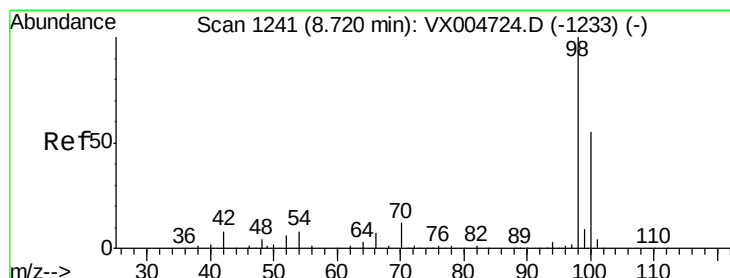
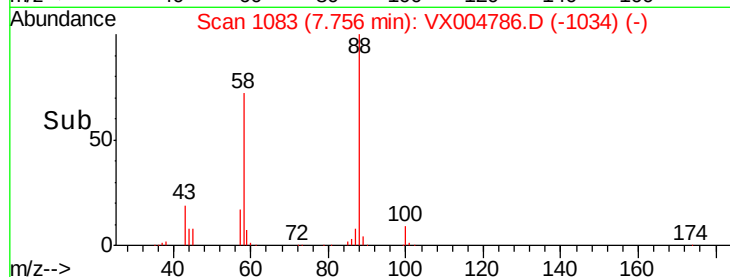
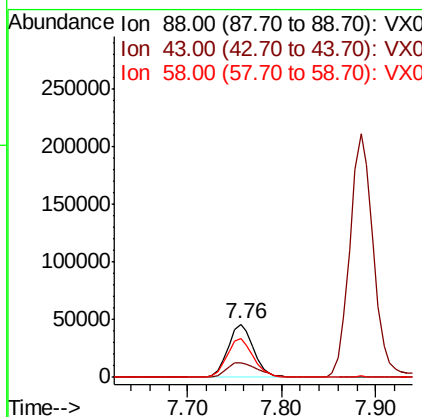
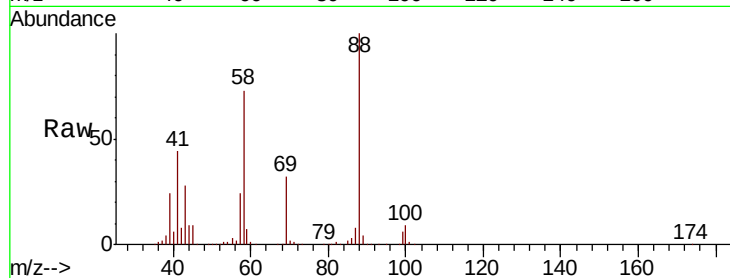
#49
1,4-Dioxane
Concen: 1035.150 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	24.7	37.1
58	74.3	55.3	82.9

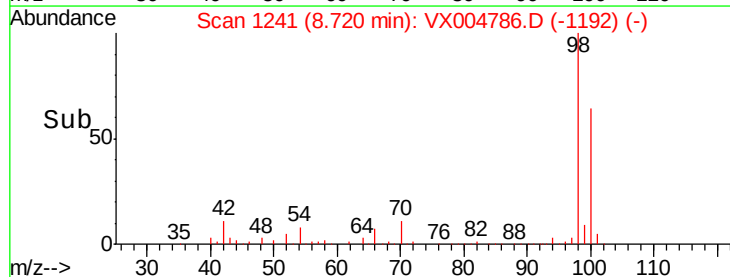
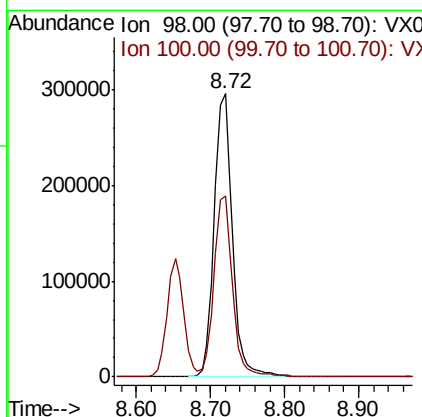
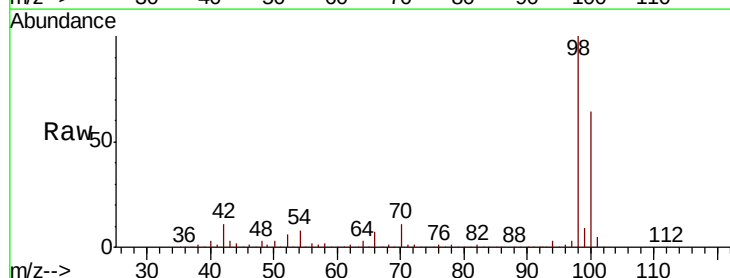
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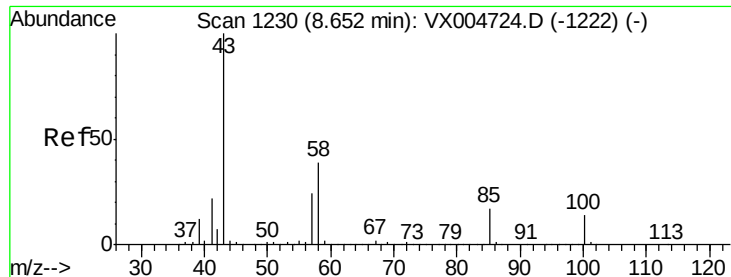
MMDadoda
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#50
Toluene-d8
Concen: 52.184 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3





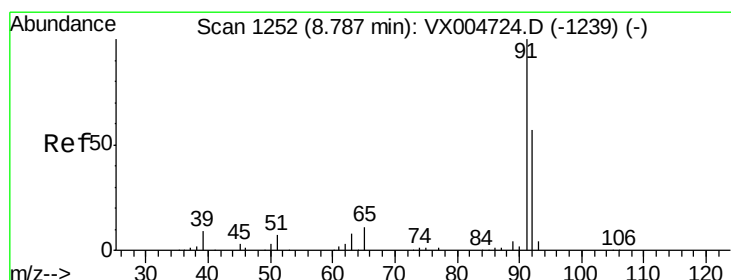
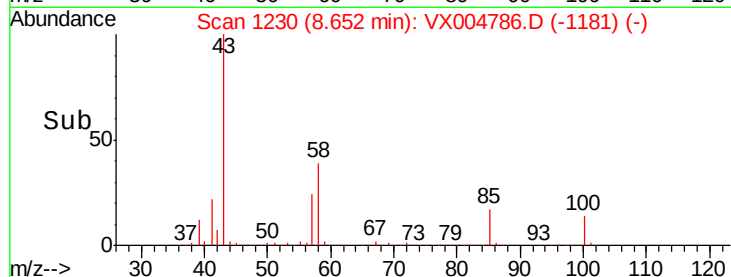
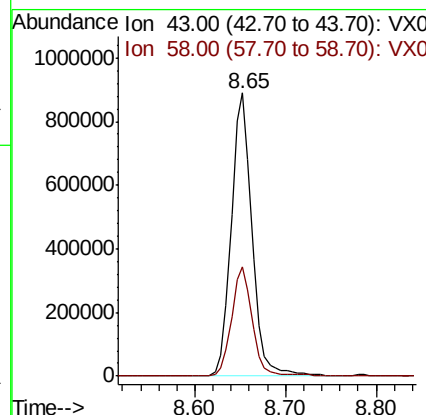
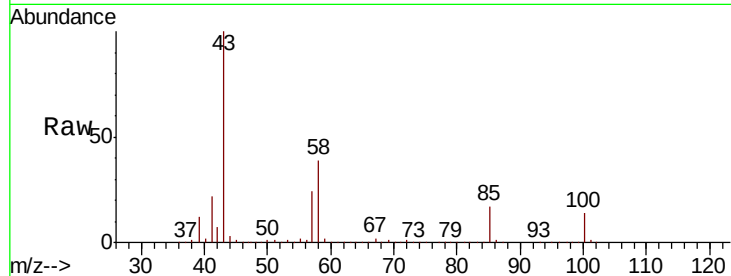
#51
 4-Methyl-2-Pentanone
 Concen: 304.689 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1437190
 Ion Ratio Lower Upper
 43 100
 58 38.8 33.1 49.7

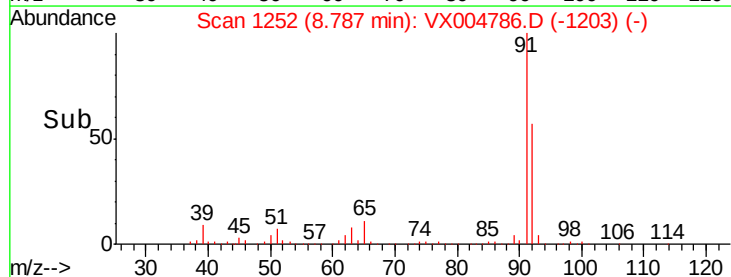
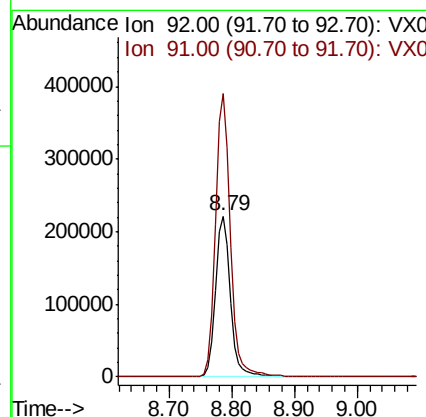
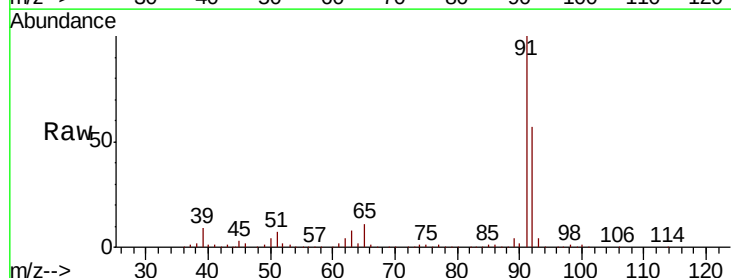
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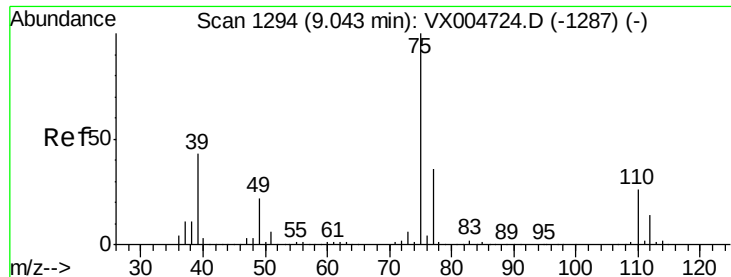
MMDadoda
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#52
 Toluene
 Concen: 54.289 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion: 92 Resp: 365166
 Ion Ratio Lower Upper
 92 100
 91 175.3 136.4 204.6





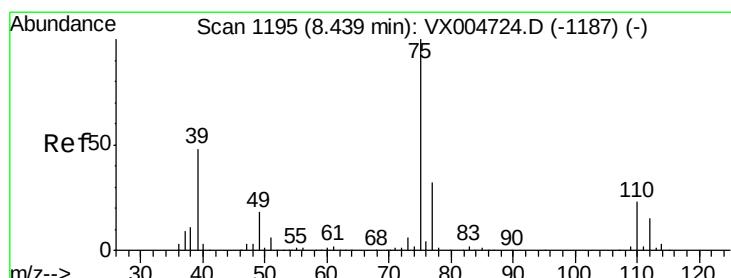
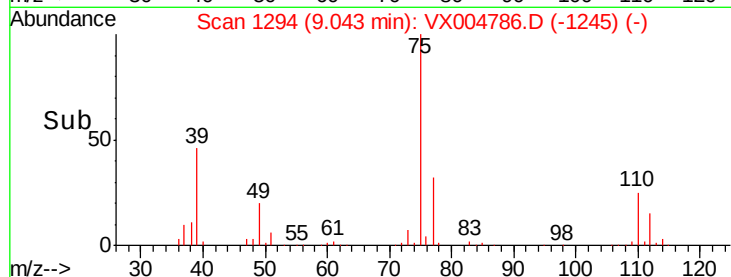
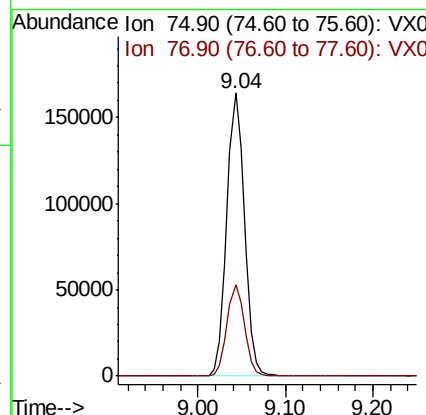
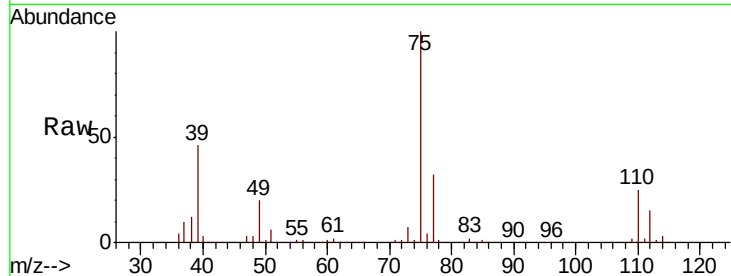
#53
 t-1,3-Dichloropropene
 Concen: 57.590 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 229876
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 37.0

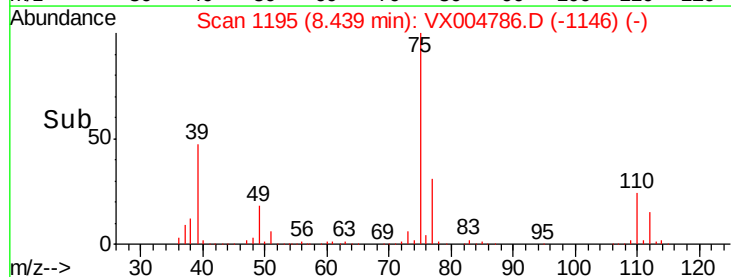
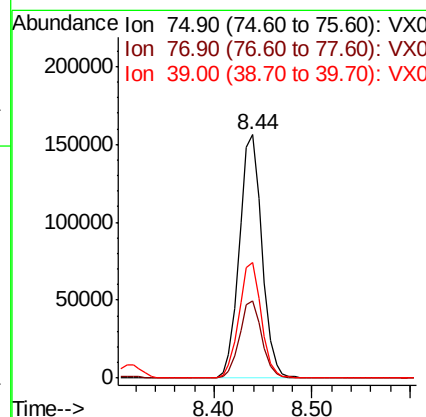
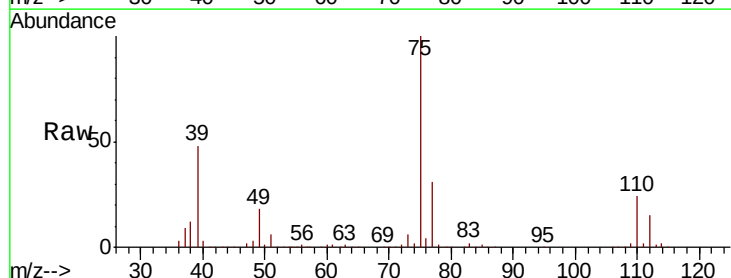
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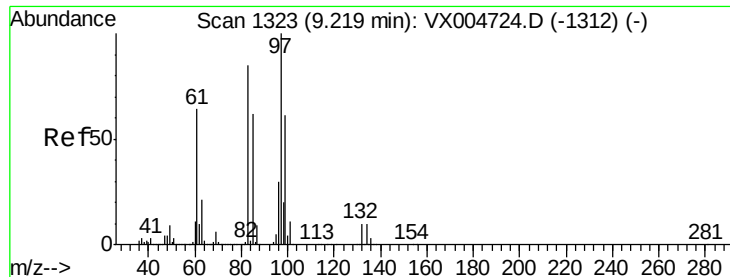
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#54
 cis-1,3-Dichloropropene
 Concen: 59.699 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion: 75 Resp: 249591
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.2 39.2
 39 47.5 36.4 54.6





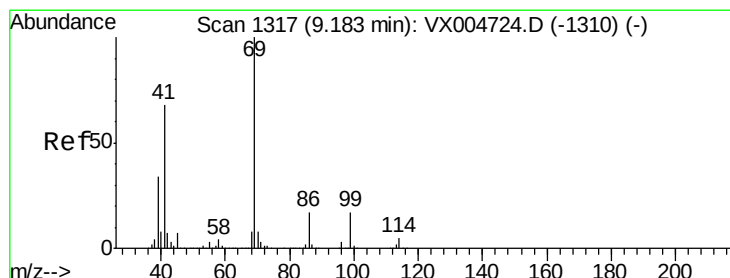
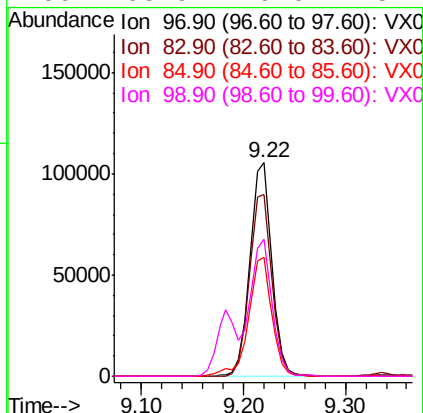
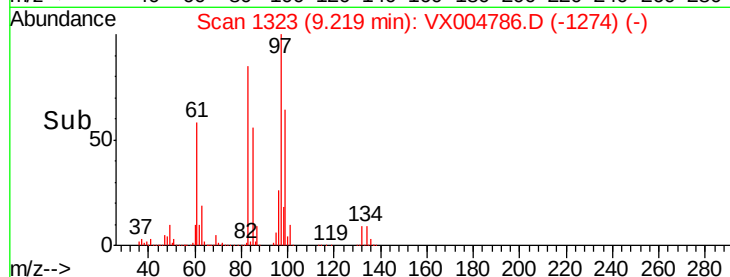
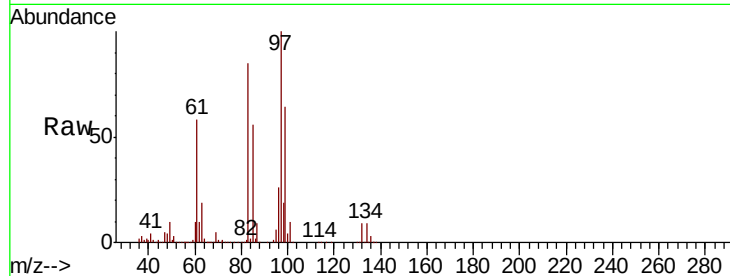
#55
 1,1,2-Trichloroethane
 Concen: 54.251 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	159844
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.4	99.6
85	55.9	43.3	64.9
99	63.9	49.0	73.4

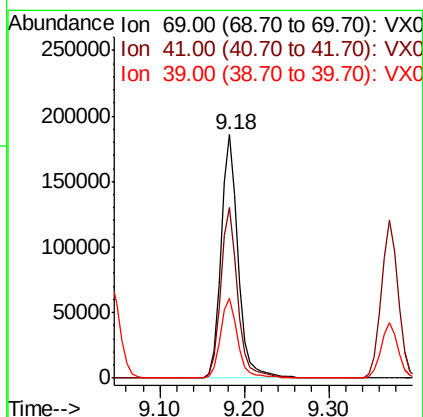
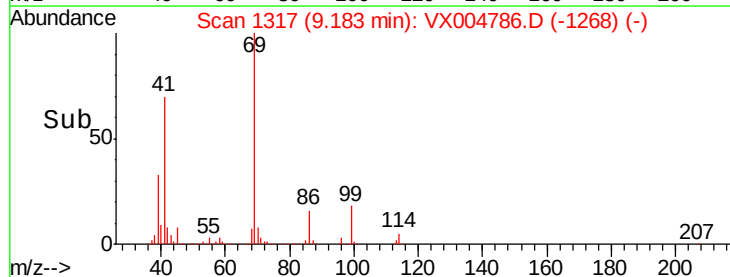
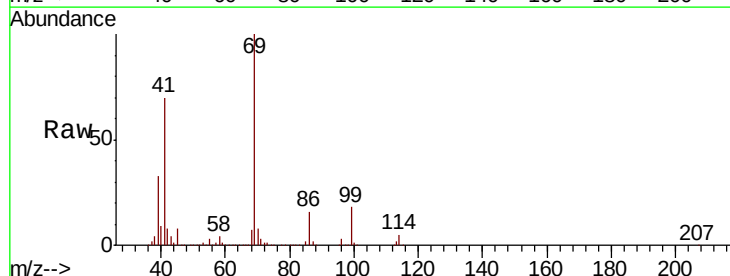
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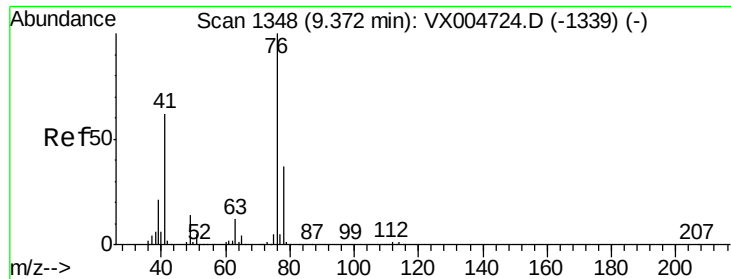
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#56
 Ethyl methacrylate
 Concen: 54.255 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion:	69	Resp:	260638
Ion	Ratio	Lower	Upper
69	100		
41	69.6	51.0	76.4
39	33.0	26.1	39.1





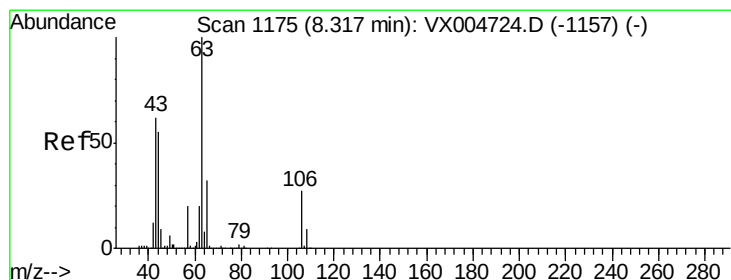
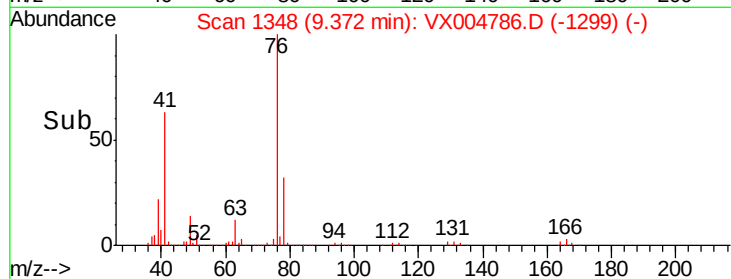
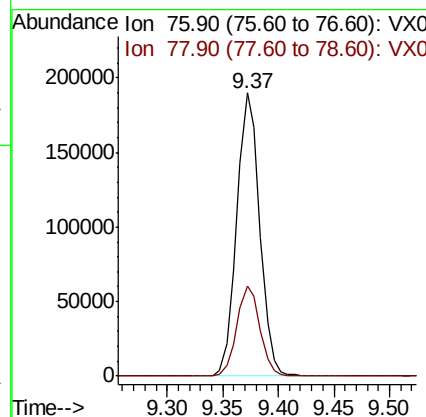
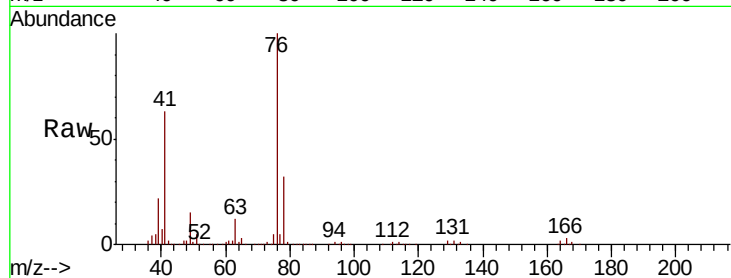
#57
 1,3-Dichloropropane
 Concen: 55.381 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3

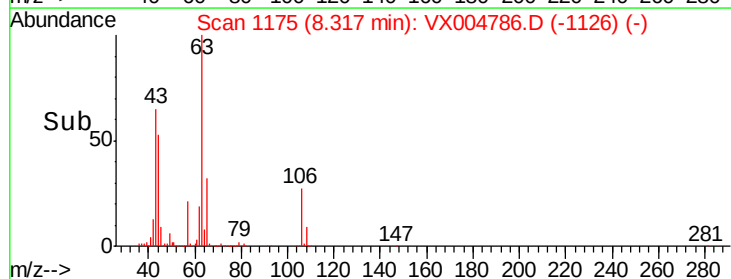
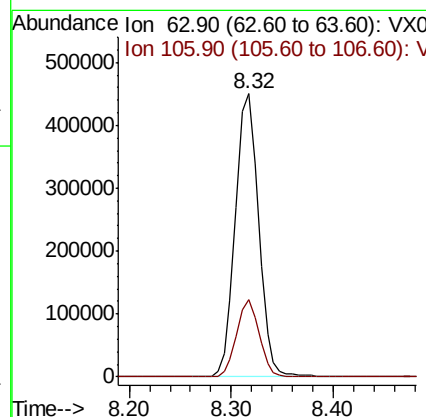
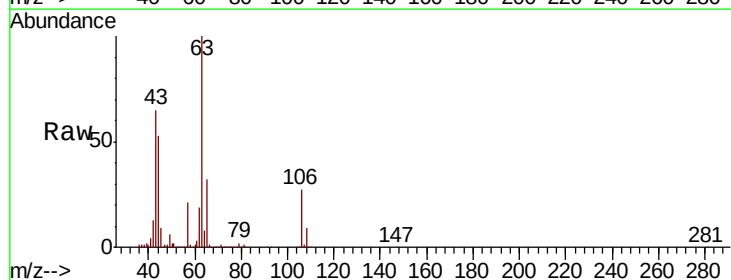
Manual Integrations
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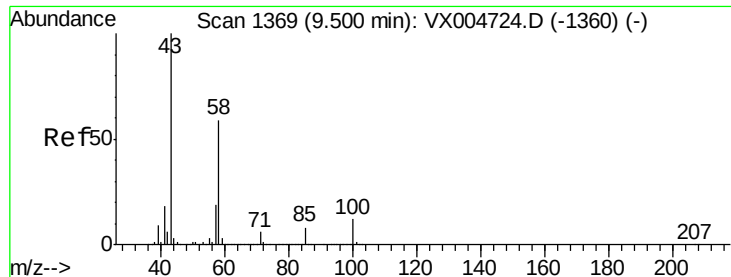
MMDadoda
 9/28/2018 2:26:09 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.697 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	23.9	35.9





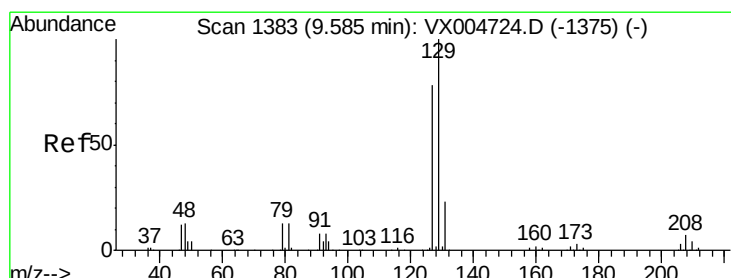
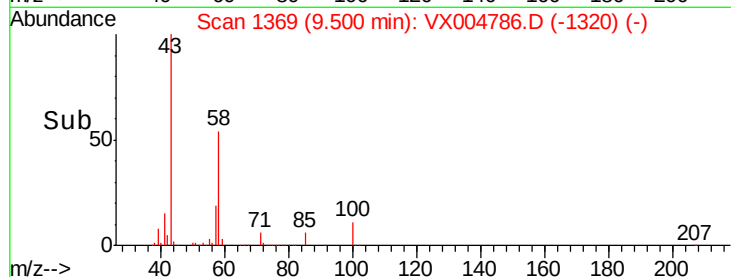
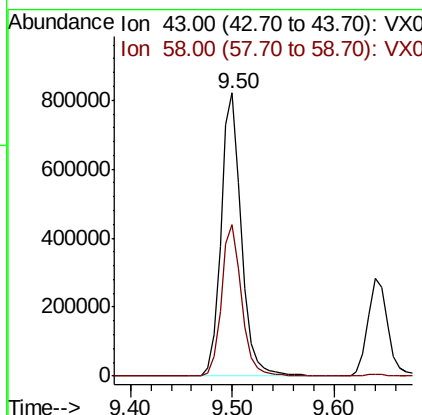
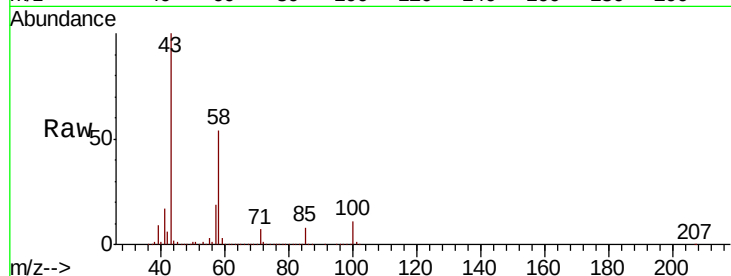
#59
2-Hexanone
Concen: 289.468 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1137807
Ion Ratio Lower Upper
43 100
58 53.3 29.0 87.0

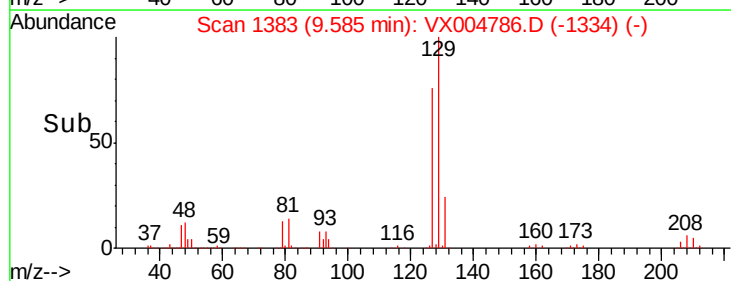
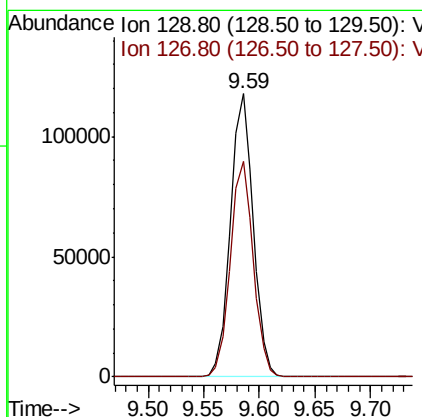
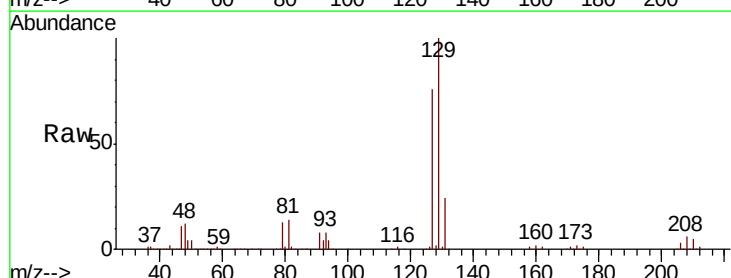
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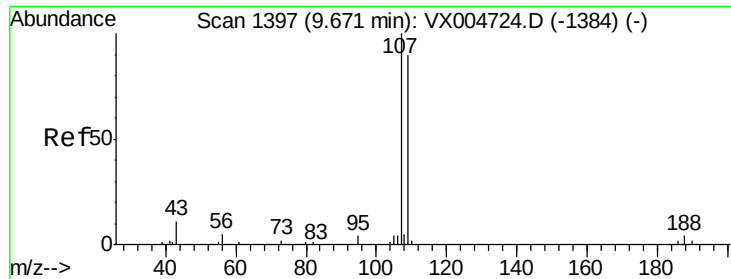
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#60
Dibromochloromethane
Concen: 56.611 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion: 129 Resp: 166812
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





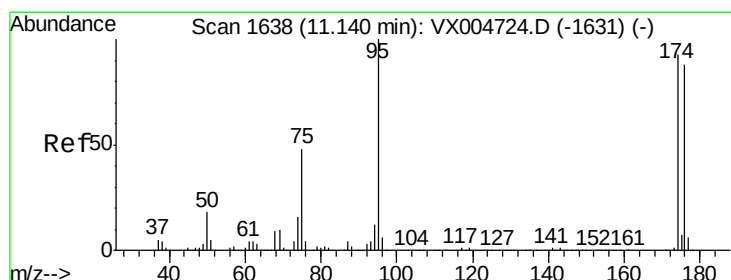
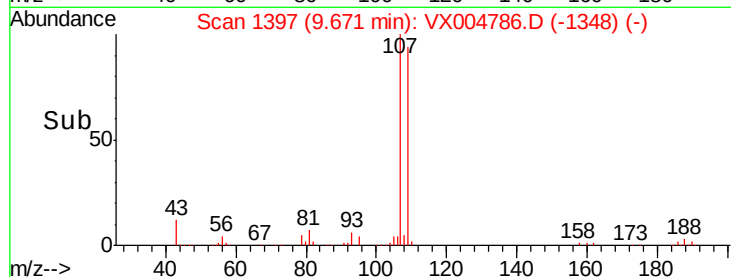
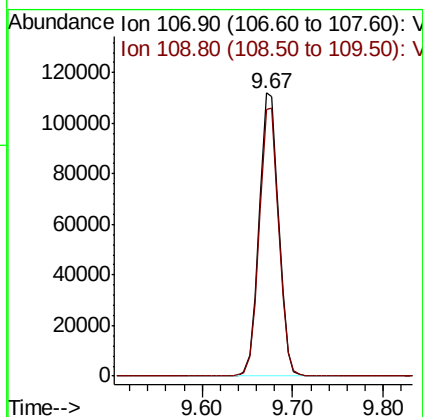
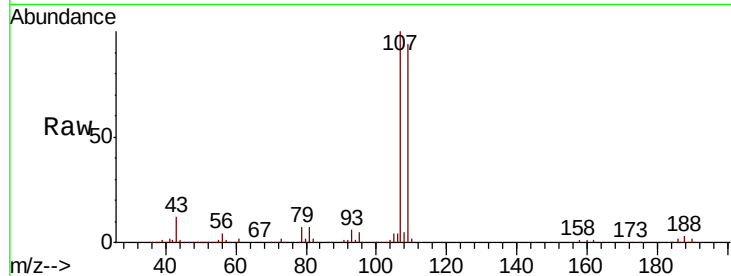
#61
 1,2-Dibromoethane
 Concen: 52.982 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.0	114.0

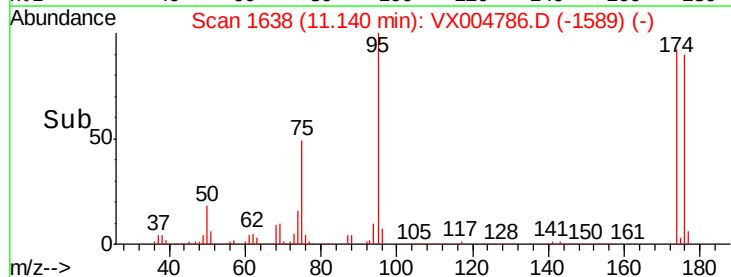
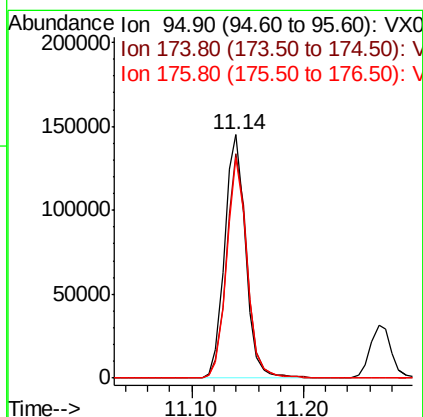
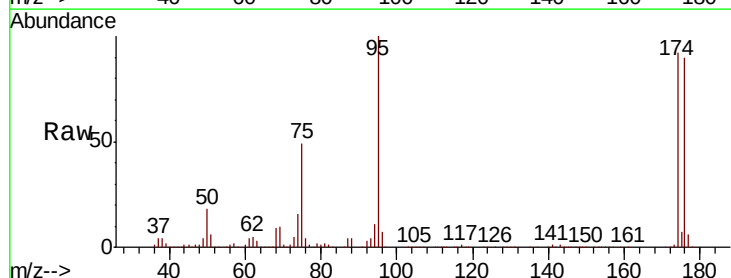
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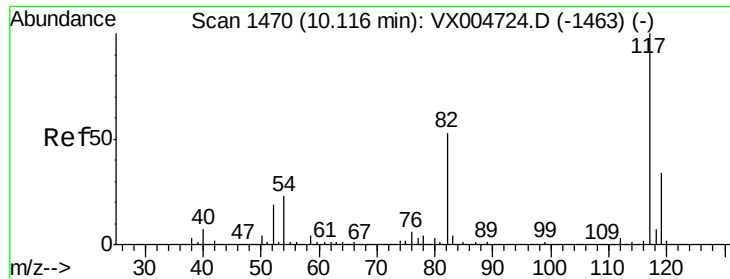
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#62
 4-Bromofluorobenzene
 Concen: 55.080 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	185.2
176	87.8	0.0	178.6





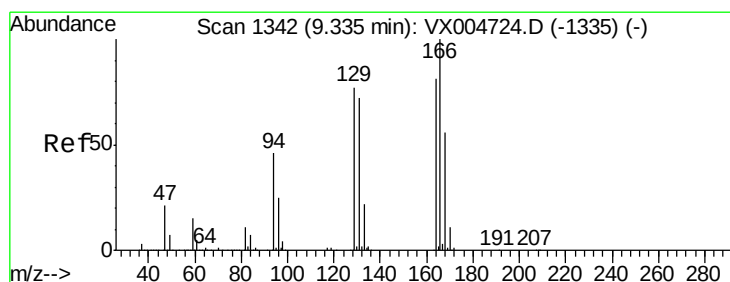
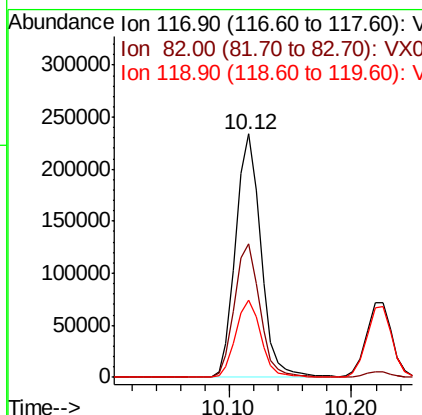
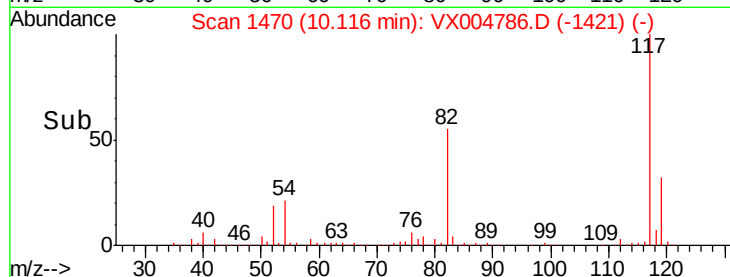
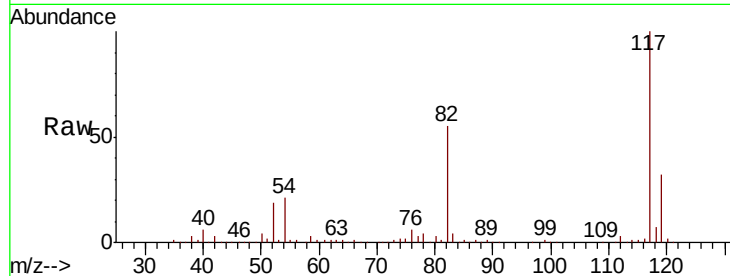
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	47.8	71.6
119	31.7	29.3	43.9

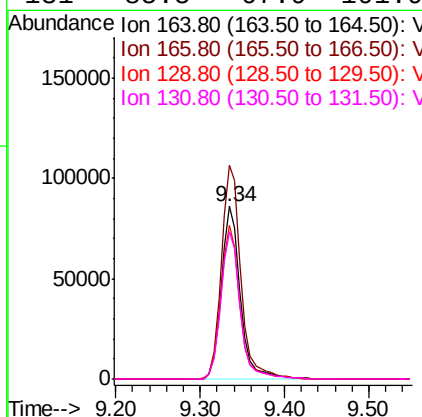
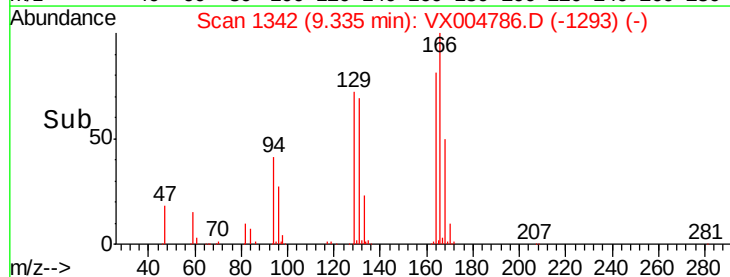
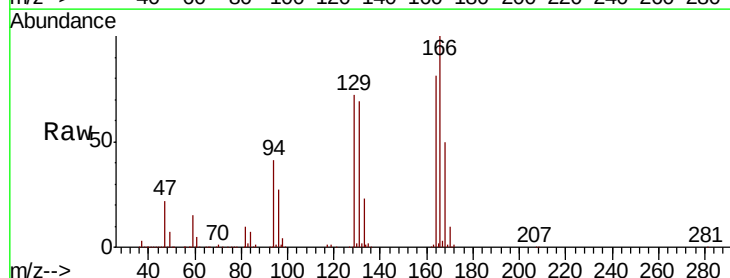
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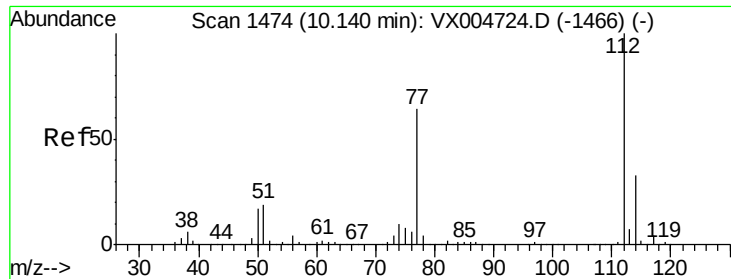
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#64
Tetrachloroethene
Concen: 40.936 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	102.8	154.2
129	89.3	69.4	104.0
131	85.5	67.9	101.9





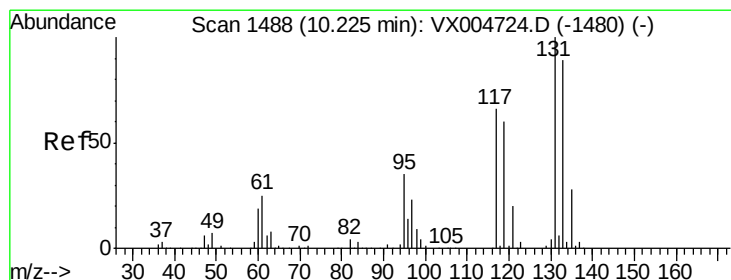
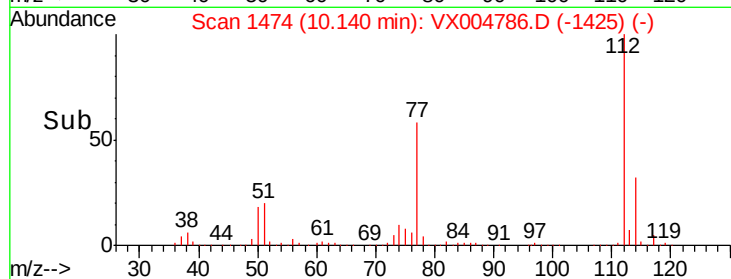
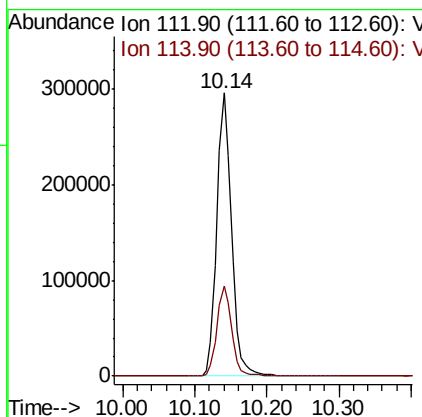
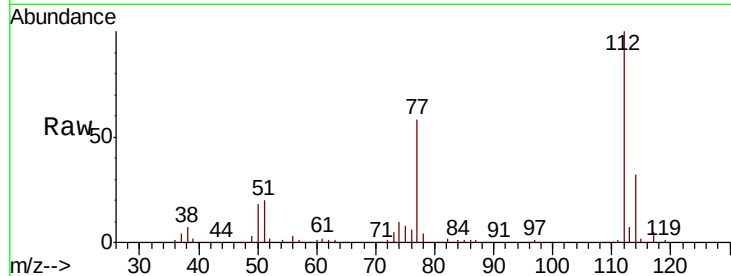
#65
Chlorobenzene
Concen: 48.843 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 418425
Ion Ratio Lower Upper
112 100
114 31.8 27.8 41.8

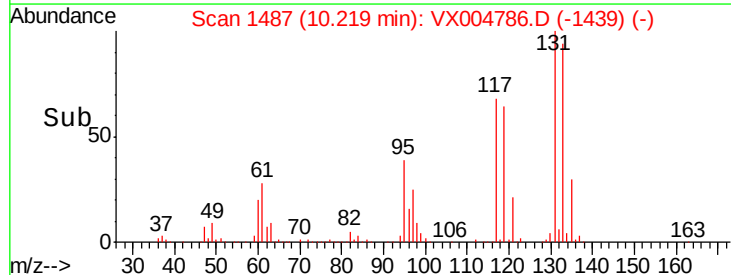
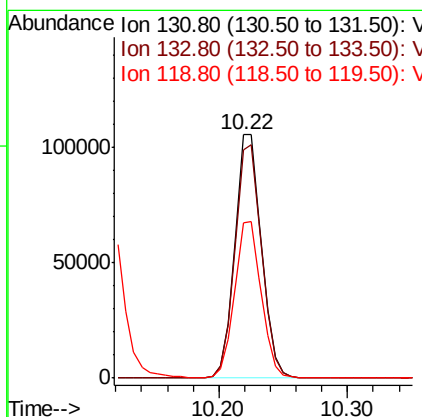
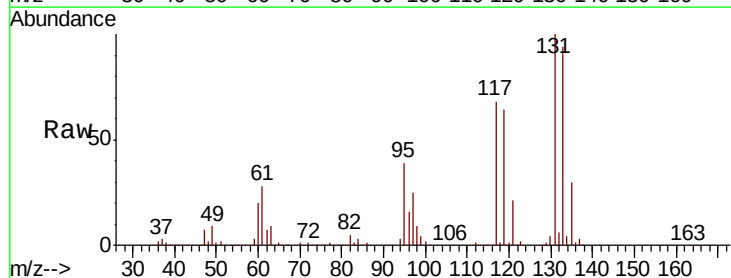
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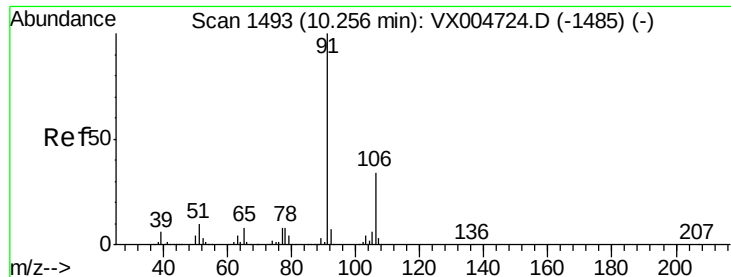
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.411 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion:131 Resp: 151823
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 64.6 32.9 98.6





#67

Ethyl Benzene

Concen: 50.116 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 681620

Ion Ratio Lower Upper

91 100

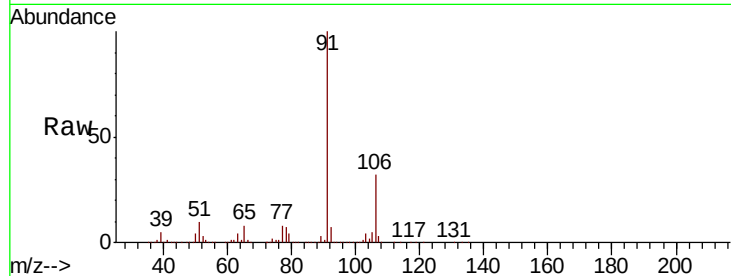
106 32.0 25.9 38.9

Manual Integrations

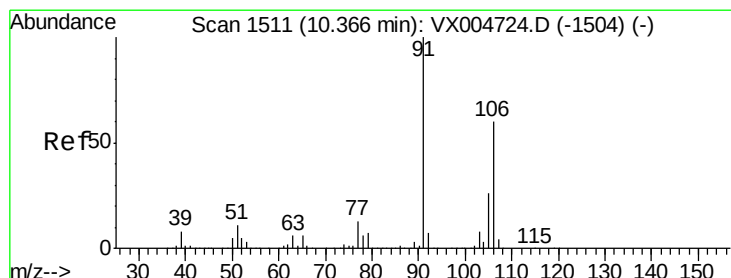
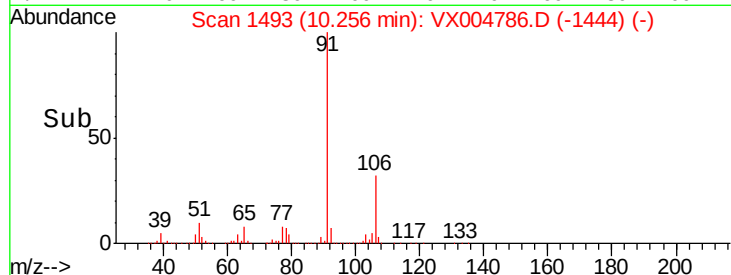
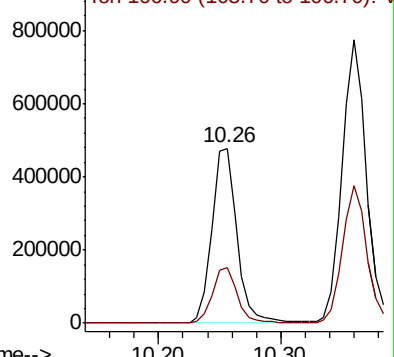
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Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1485) (-)



#68

m/p-Xylenes

Concen: 100.247 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004786.D

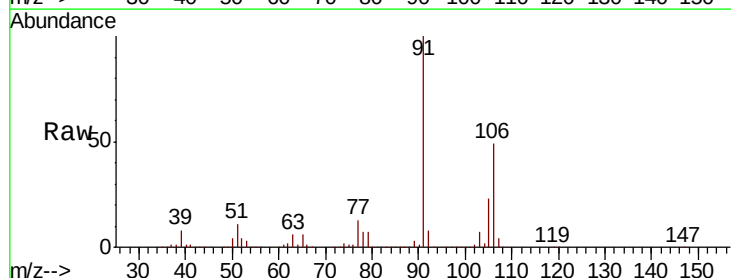
Acq: 27 Sep 2018 20:37

Tgt Ion: 106 Resp: 532794

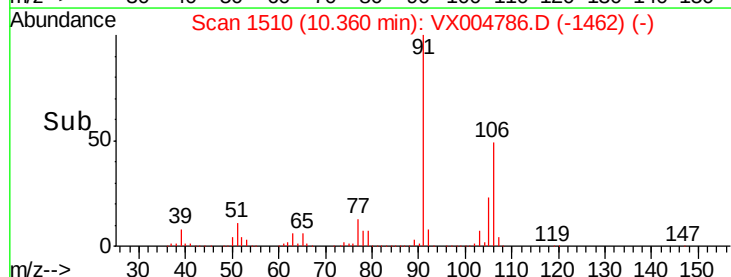
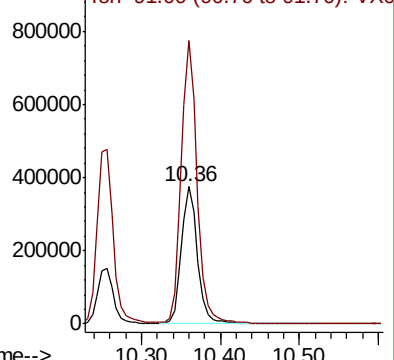
Ion Ratio Lower Upper

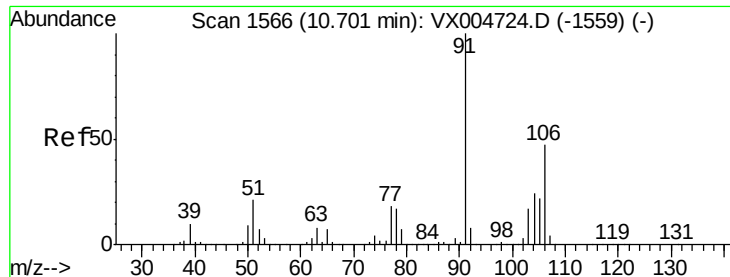
106 100

91 204.8 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): VX004724.D (-1504) (-)





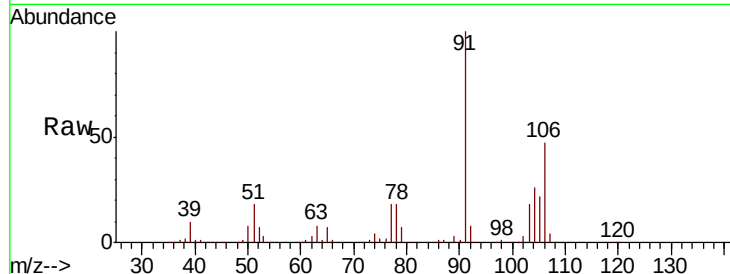
#69
o-Xylene
Concen: 54.616 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

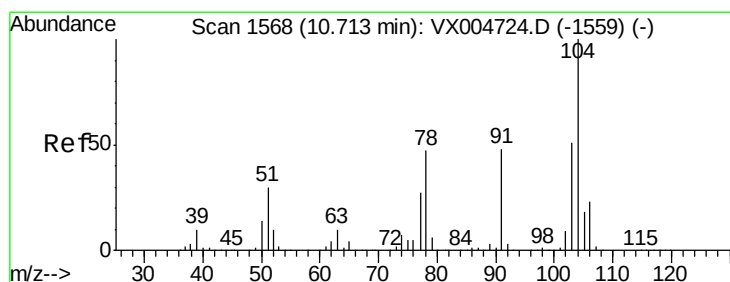
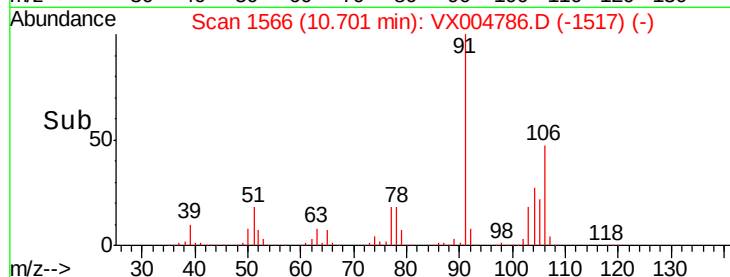
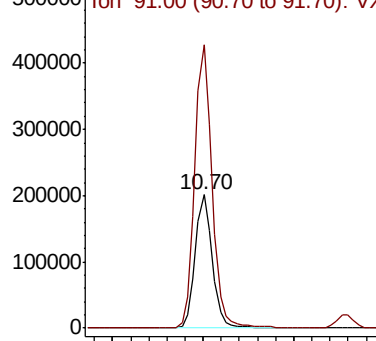
Tot Ion:106 Resp: 266613
Ion Ratio Lower Upper
106 100
91 215.2 105.1 315.1

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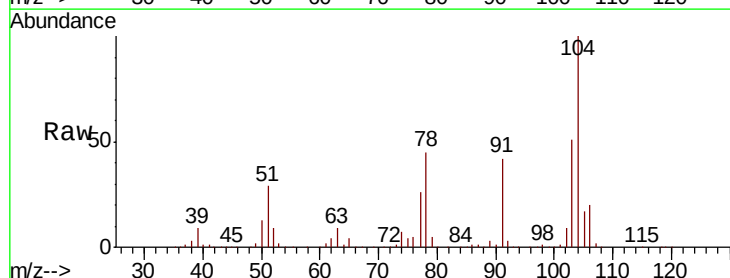


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

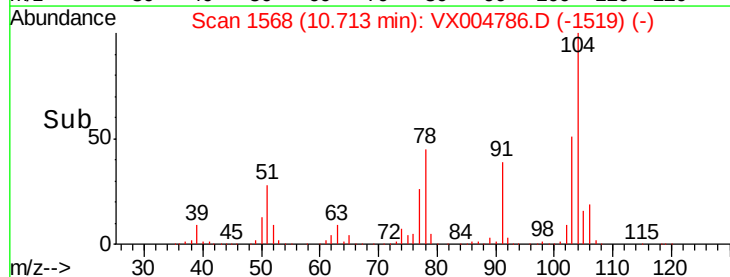
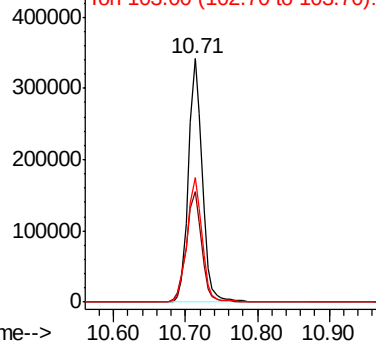


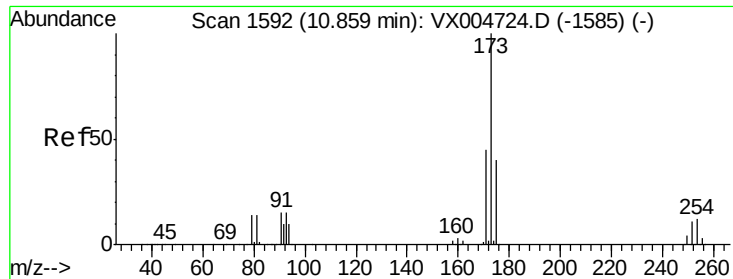
#70
Styrene
Concen: 49.772 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion:104 Resp: 454335
Ion Ratio Lower Upper
104 100
78 50.3 37.4 56.0
103 55.5 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.966 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

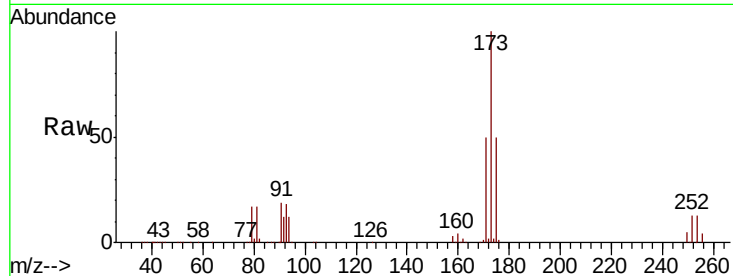
ClientSampleId :

VSTDCCC050EC

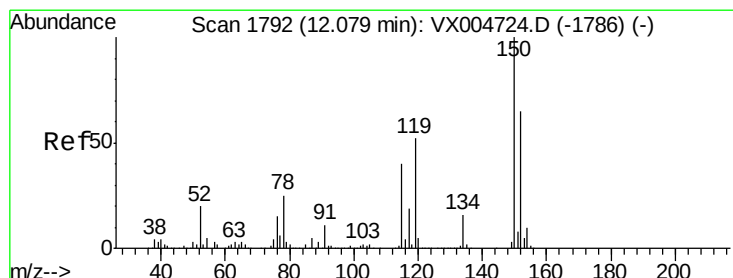
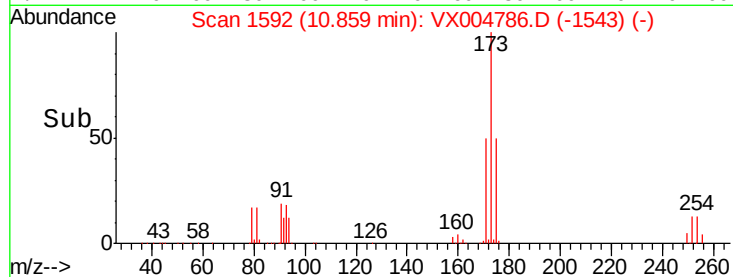
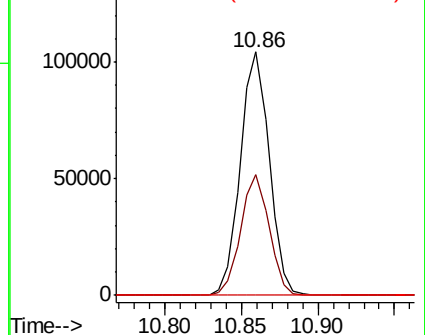
Tot Ion:	173	Resp:	136567
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.1	72.3
254	0.1	0.2	0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

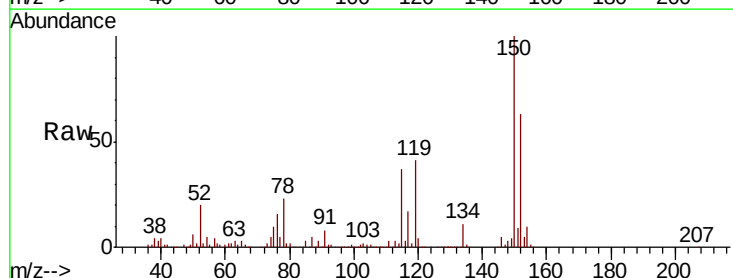
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

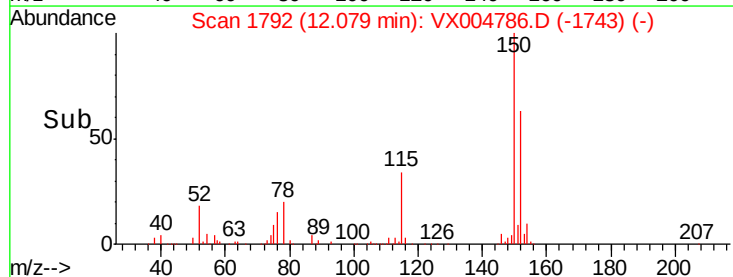
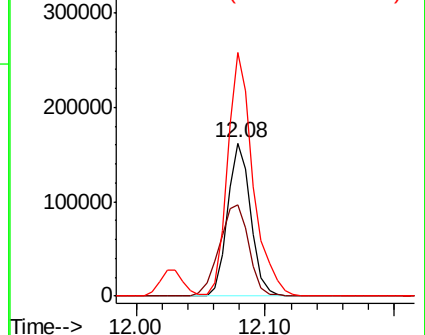
Lab File: VX004786.D

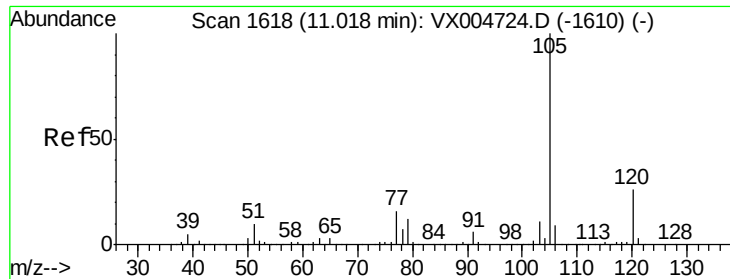
Acq: 27 Sep 2018 20:37

Tgt Ion:	152	Resp:	204713
Ion Ratio	Lower	Upper	
152	100		
115	76.3	39.0	117.0
150	174.9	0.0	351.0



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: 51.222 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 660930

Ion Ratio Lower Upper

105 100

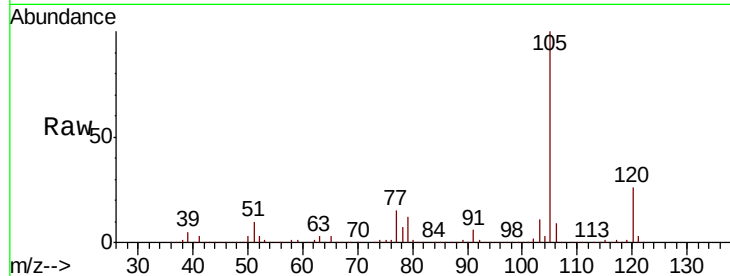
120 26.5 13.5 40.4

Manual Integrations

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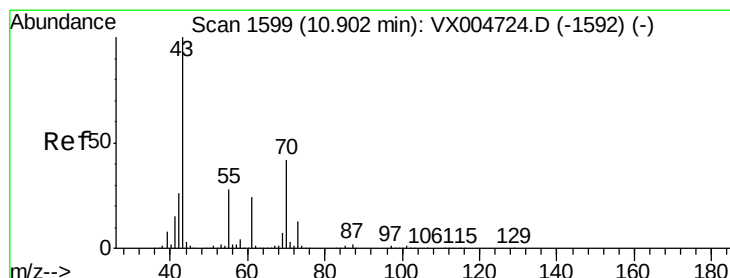
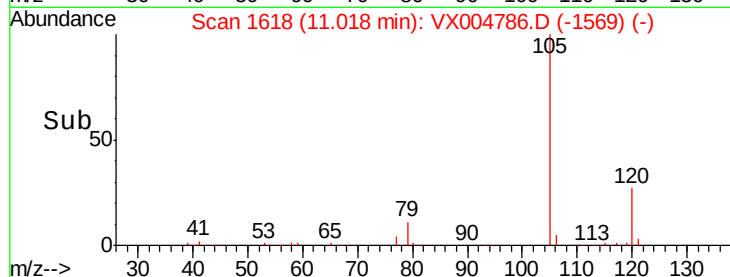
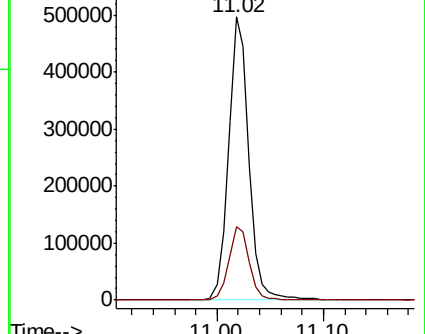
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.720 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Tgt Ion: 43 Resp: 381950

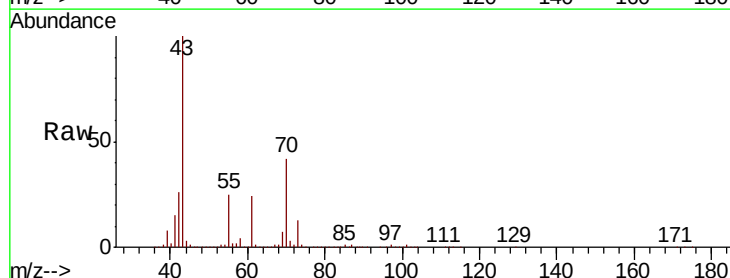
Ion Ratio Lower Upper

43 100

70 40.1 37.4 56.0

55 24.6 21.8 32.8

61 23.2 20.6 30.8

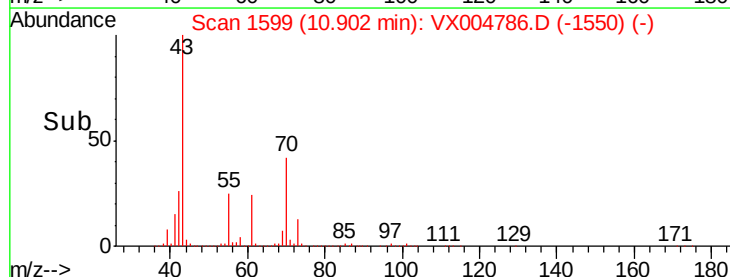
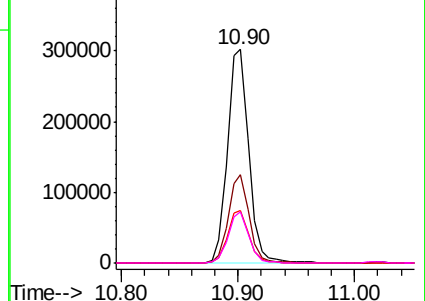


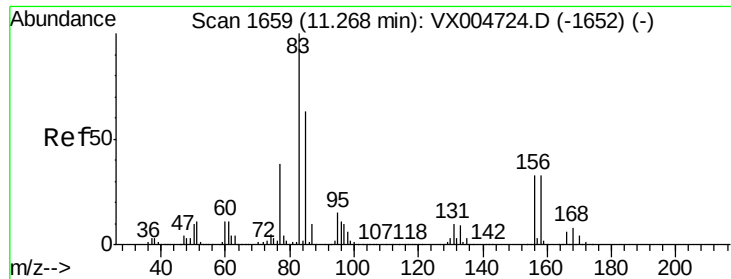
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.782 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 271986

Ion Ratio Lower Upper

83 100

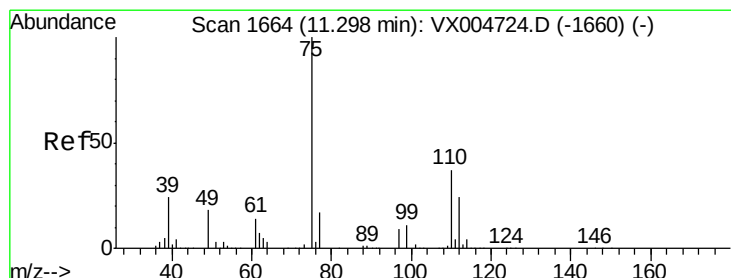
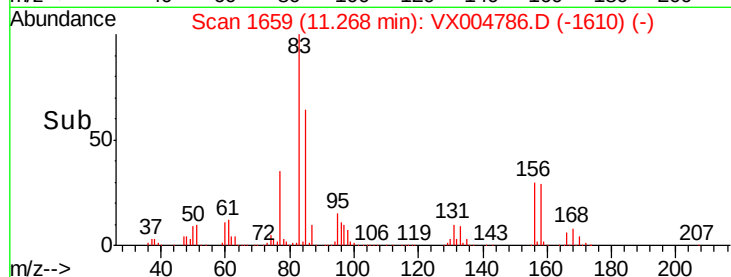
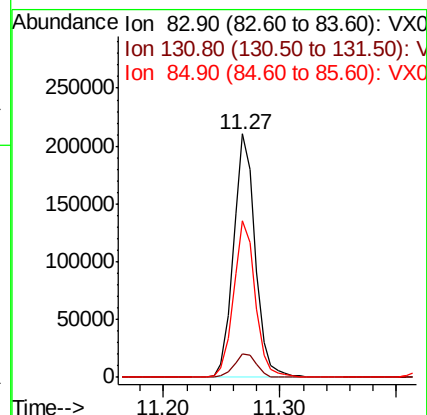
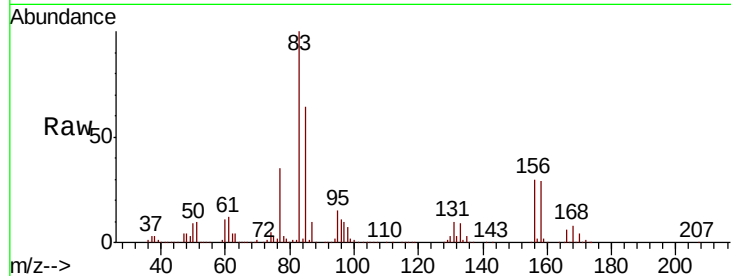
131 10.0 5.2 15.6

85 64.7 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.664 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004786.D

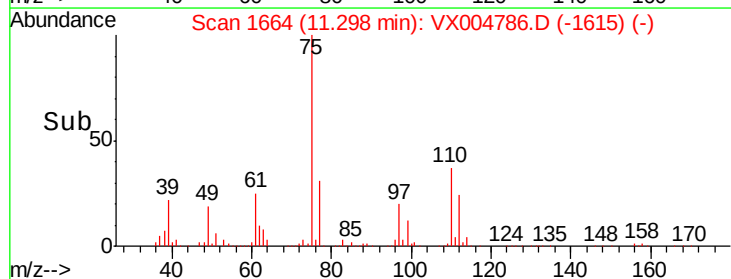
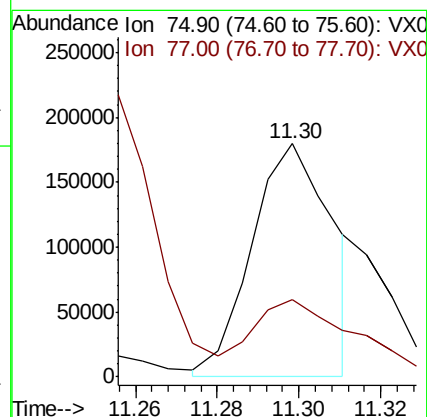
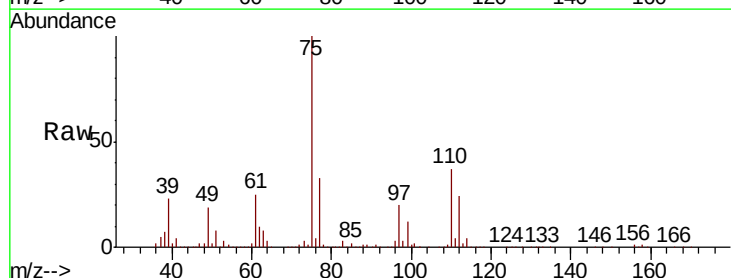
Acq: 27 Sep 2018 20:37

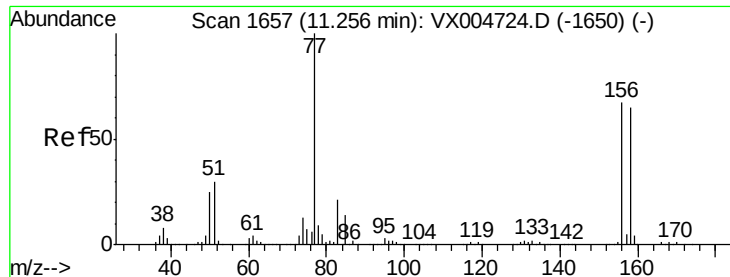
Tgt Ion: 75 Resp: 246232

Ion Ratio Lower Upper

75 100

77 41.9 20.2 60.6





#77

Bromobenzene

Concen: 52.244 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

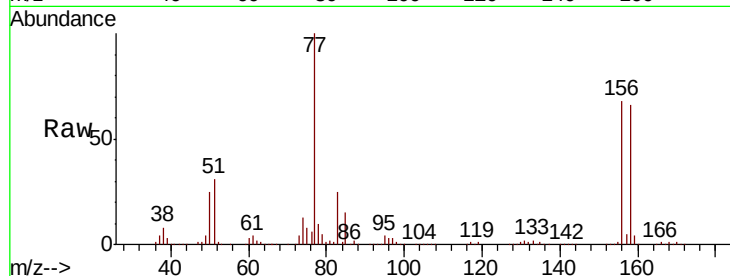
ClientSampleId :

VSTDCCC050EC

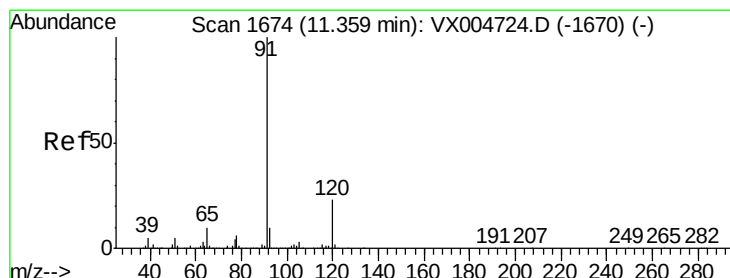
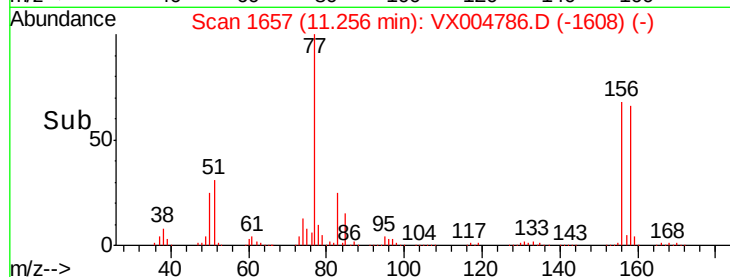
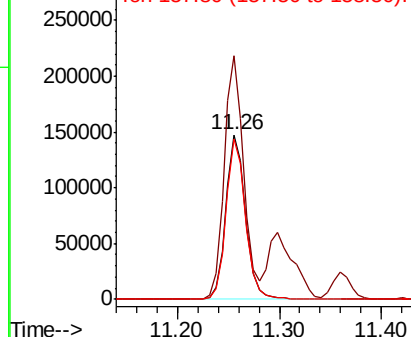
Tot Ion:	156	Resp:	195805
Ion Ratio	Lower	Upper	
156	100		
77	147.6	71.5	214.3
158	97.1	48.9	146.8

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.710 ug/l

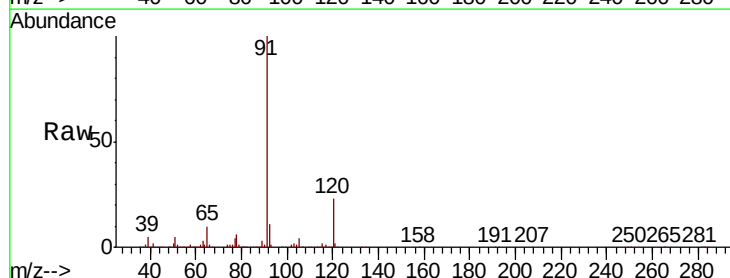
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

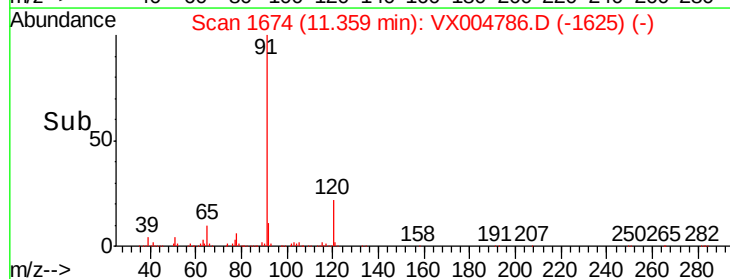
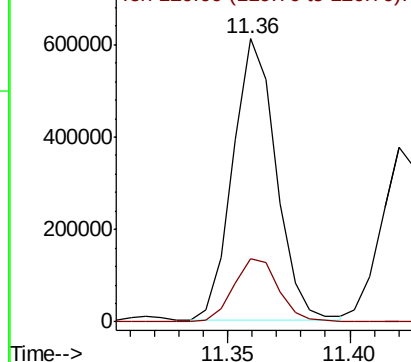
Lab File: VX004786.D

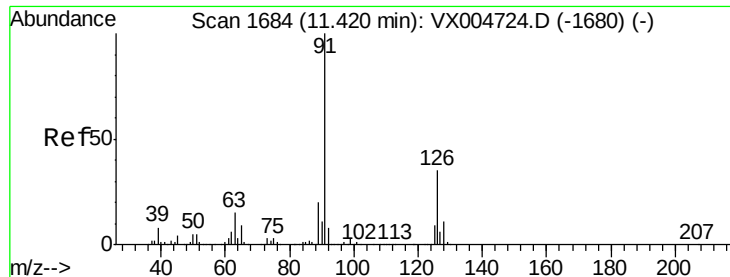
Acq: 27 Sep 2018 20:37

Tgt Ion:	91	Resp:	750760
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.562 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 485055

Ion Ratio Lower Upper

91 100

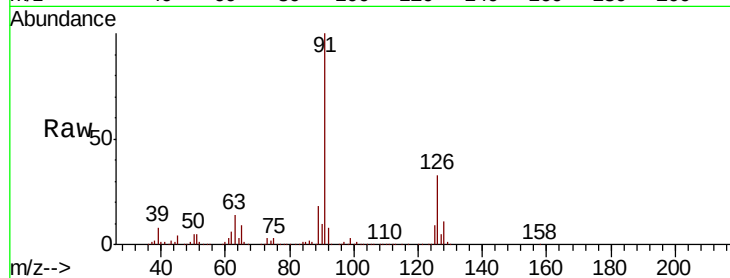
126 34.7 17.9 53.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)

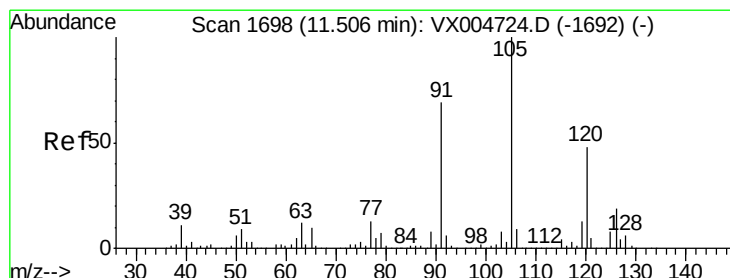
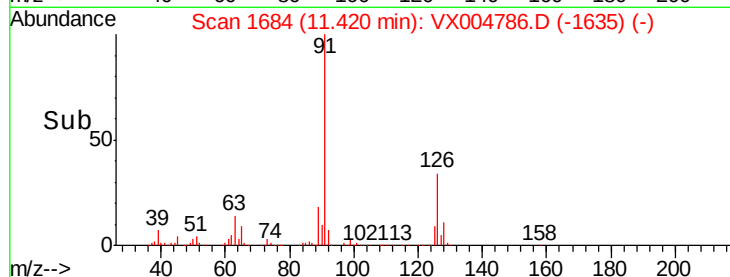
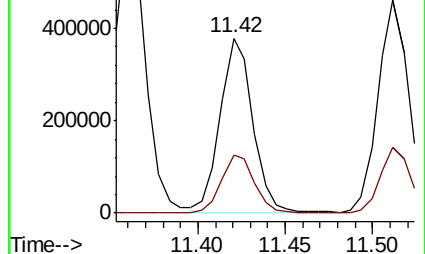
600000

400000

200000

0

11.40 11.42 11.44 11.46 11.48 11.50



#80

1,3,5-Trimethylbenzene

Concen: 48.849 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004786.D

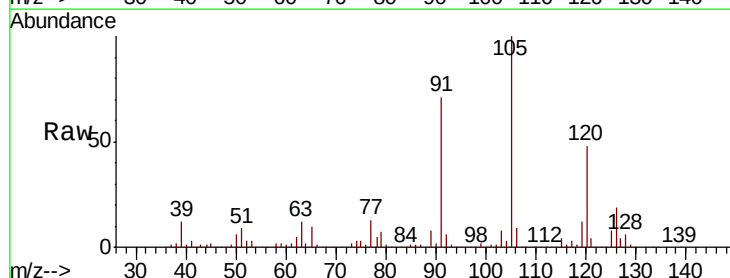
Acq: 27 Sep 2018 20:37

Tgt Ion: 105 Resp: 577760

Ion Ratio Lower Upper

105 100

120 48.5 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)

500000

400000

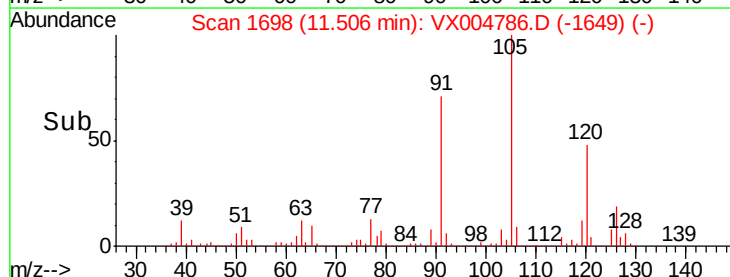
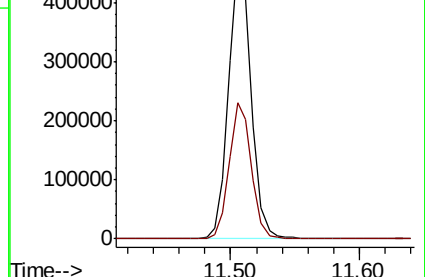
300000

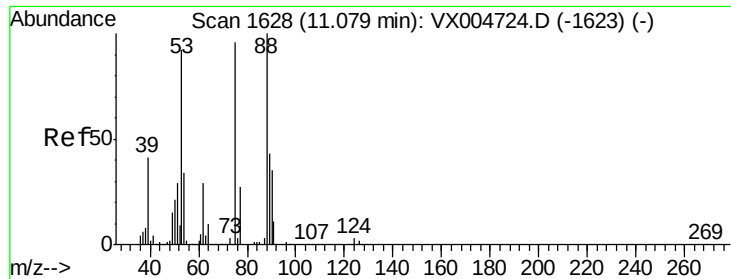
200000

100000

0

11.50 11.51 11.52 11.53 11.54 11.55 11.56 11.57 11.58 11.59 11.60





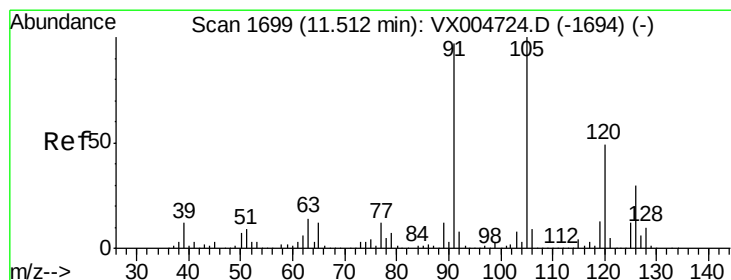
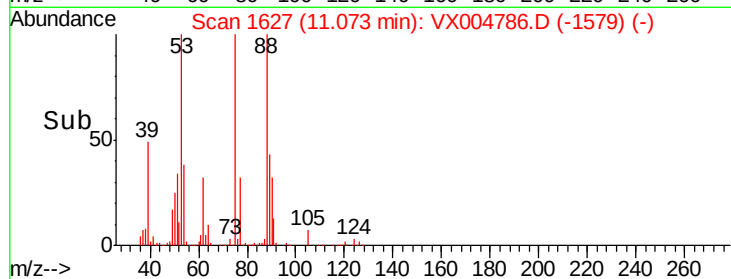
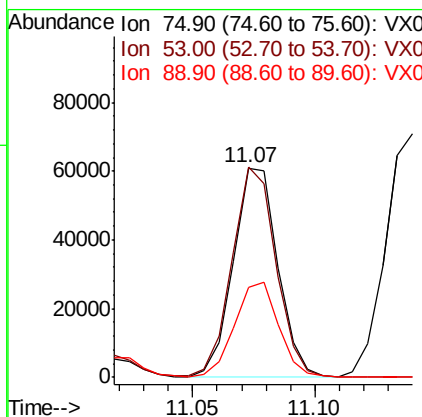
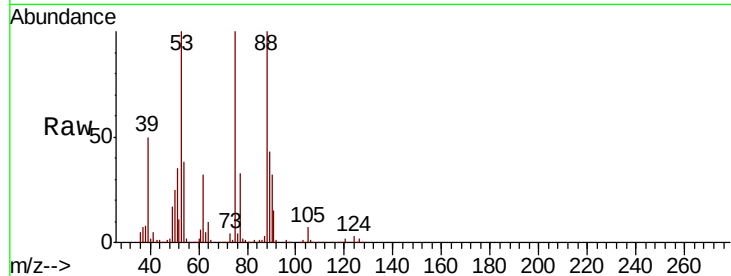
#81
trans-1,4-Dichloro-2-butene
Concen: 45.692 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.4	80.1	120.1
89	45.8	37.2	55.8

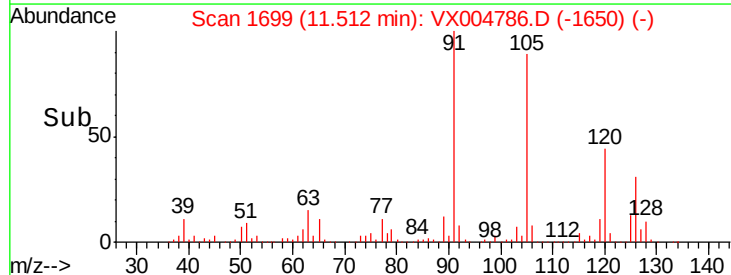
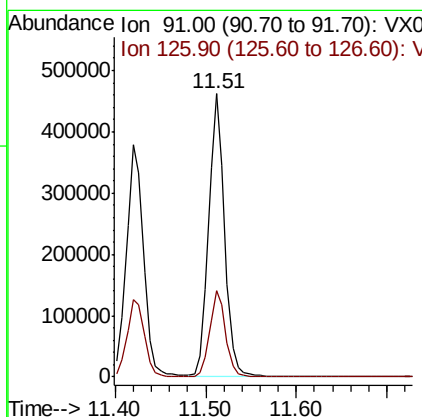
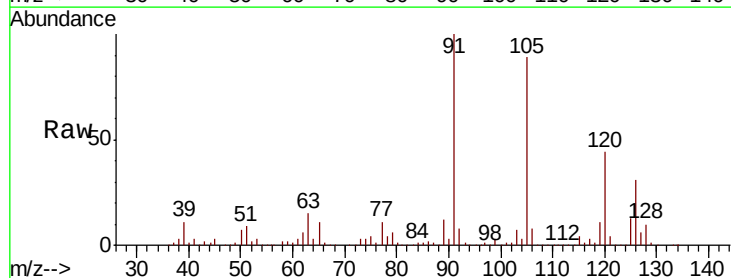
Manual Integrations
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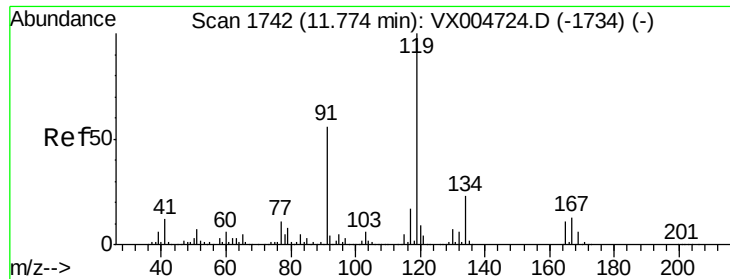
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#82
4-Chlorotoluene
Concen: 52.725 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.5	46.5





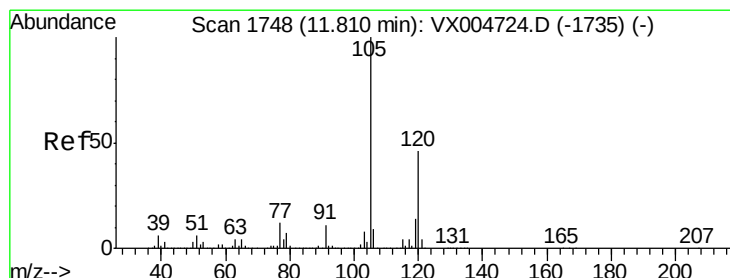
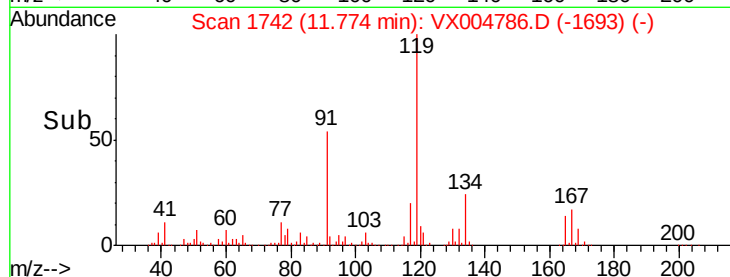
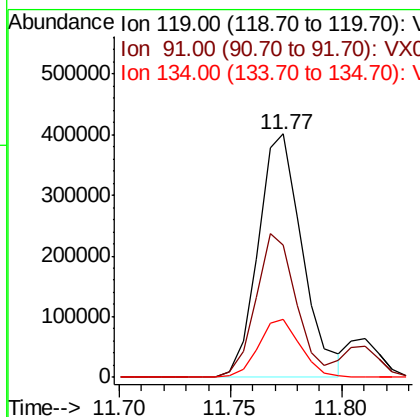
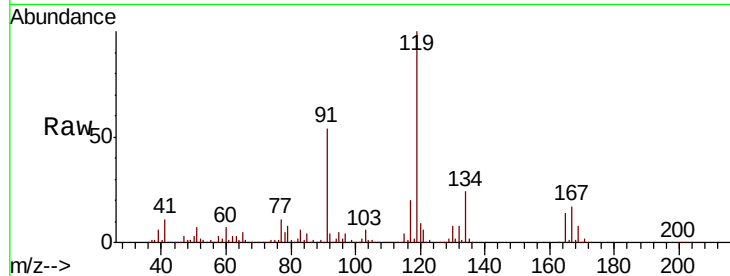
#83
 tert-Butylbenzene
 Concen: 52.130 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	553818		
91	54.0		27.0	81.0
134	22.8		11.7	35.1

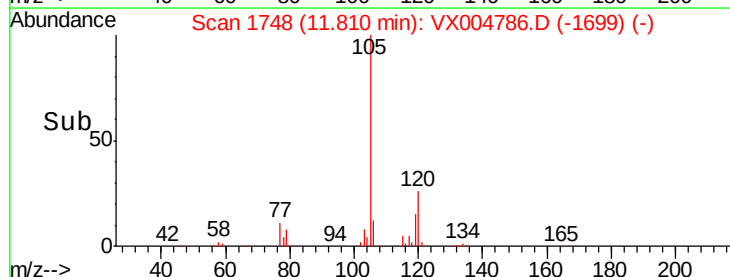
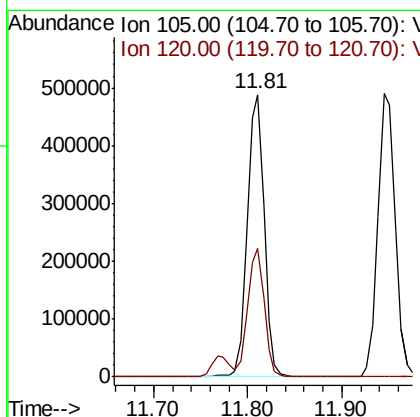
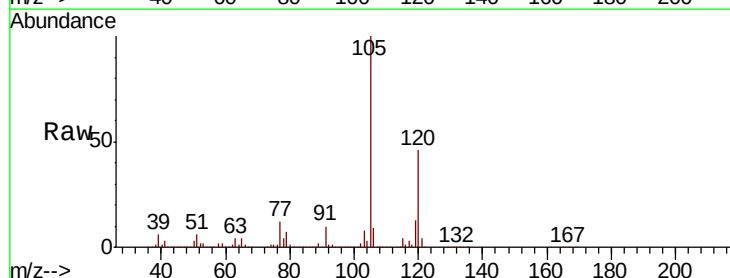
Manual Integrations
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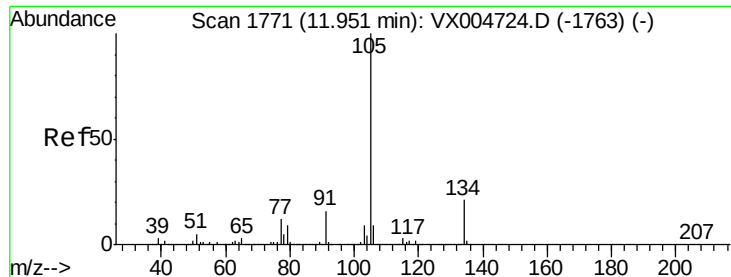
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.021 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	610063		
120	44.7		23.2	69.6





#85

sec-Butylbenzene

Concen: 48.522 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 627882

Ion Ratio Lower Upper

105 100

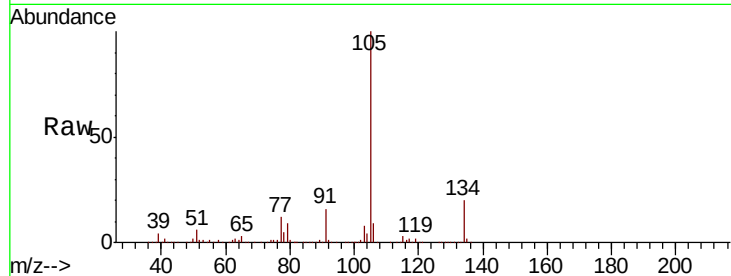
134 20.1 10.5 31.5

Manual Integrations

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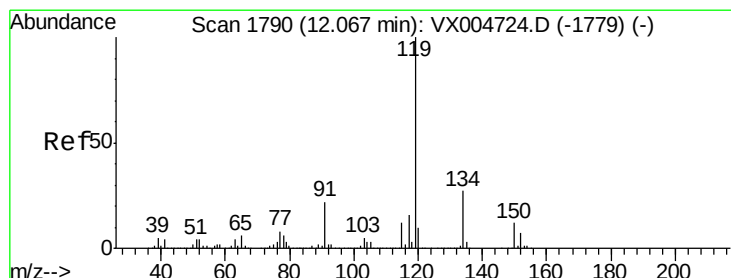
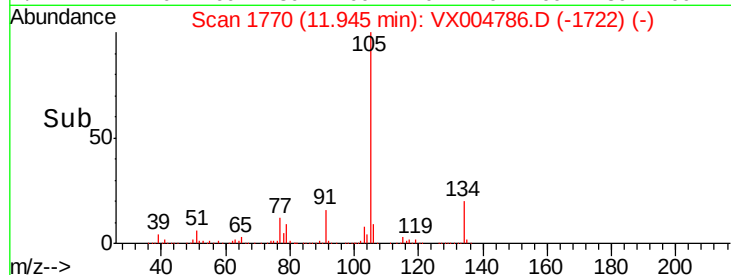
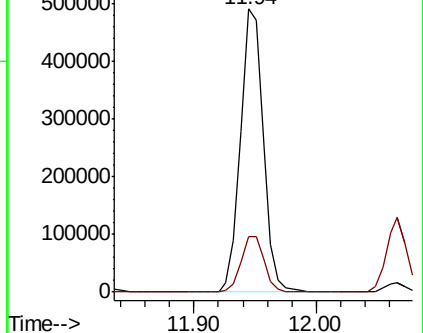
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.424 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004786.D

Acq: 27 Sep 2018 20:37

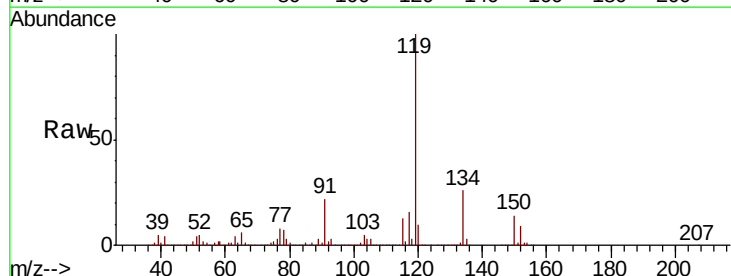
Tgt Ion:119 Resp: 579438

Ion Ratio Lower Upper

119 100

134 25.9 13.4 40.2

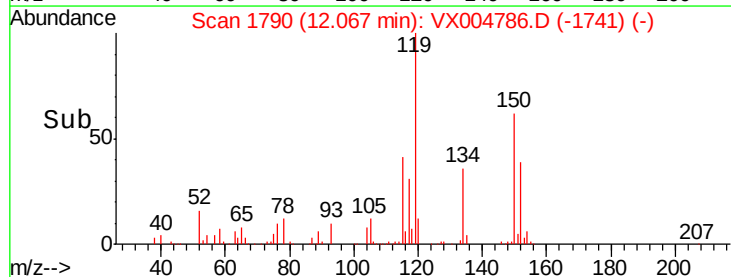
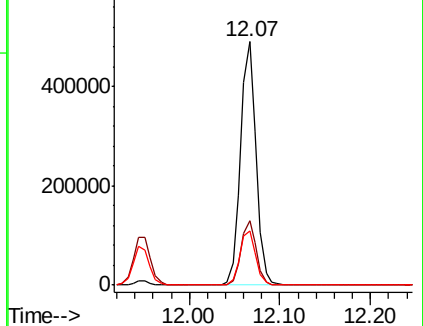
91 22.7 10.9 32.7

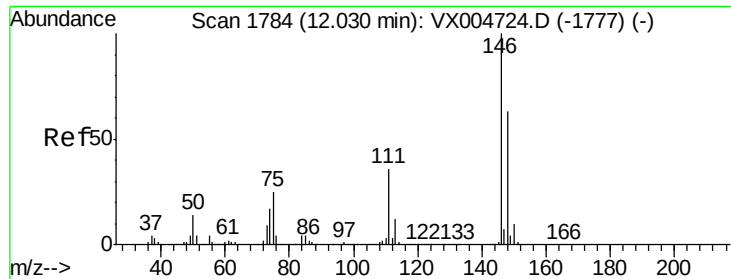


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





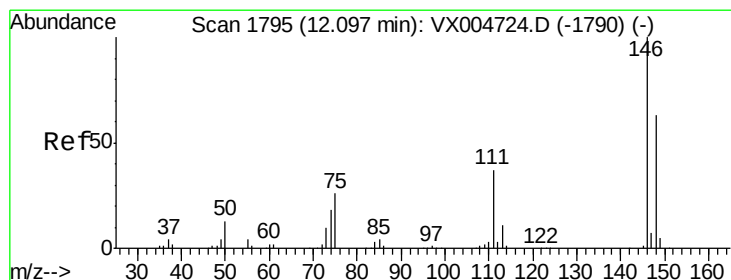
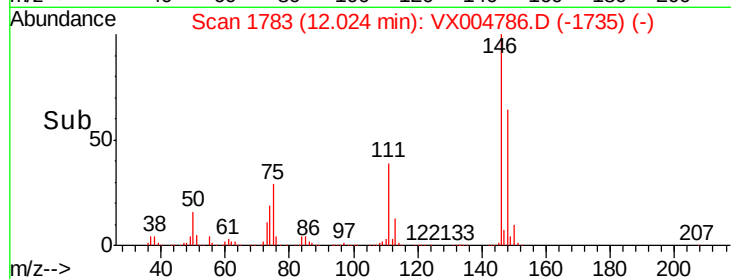
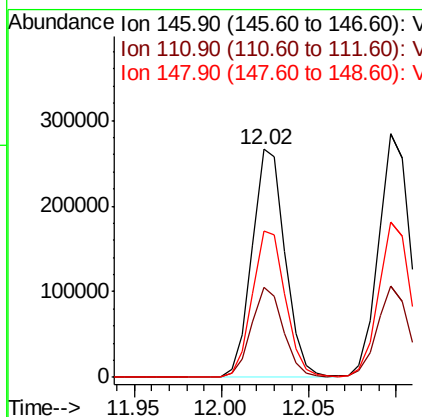
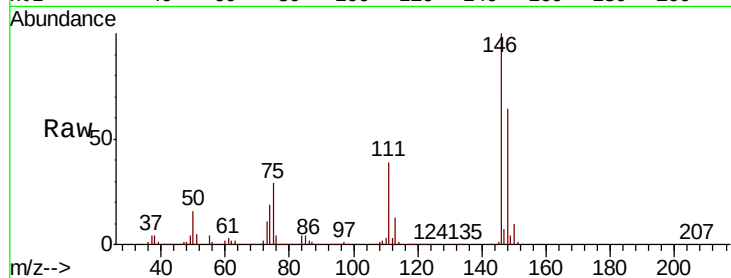
#87
 1,3-Dichlorobenzene
 Concen: 50.185 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	64.1	32.1	96.5

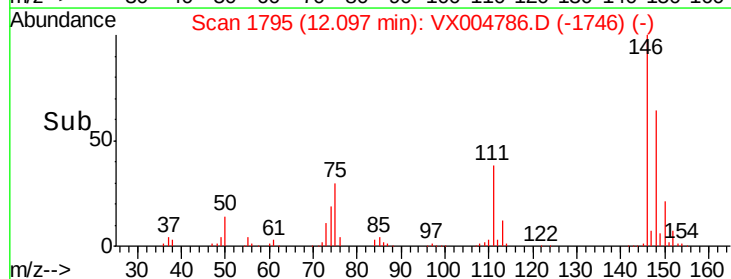
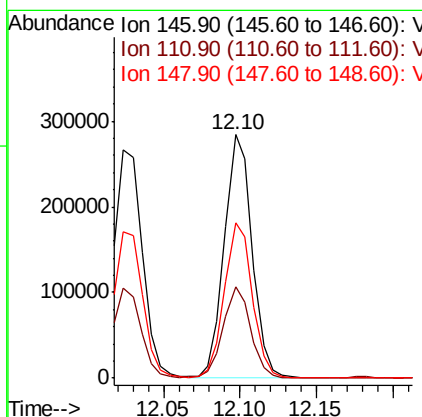
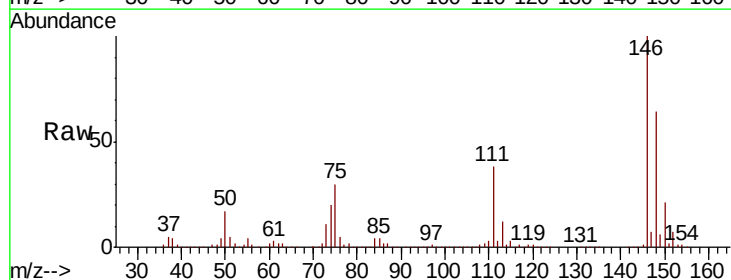
Manual Integrations
 APPROVED

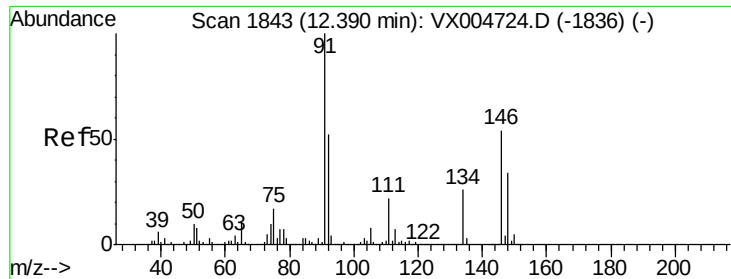
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#88
 1,4-Dichlorobenzene
 Concen: 49.607 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.1	32.0	96.0





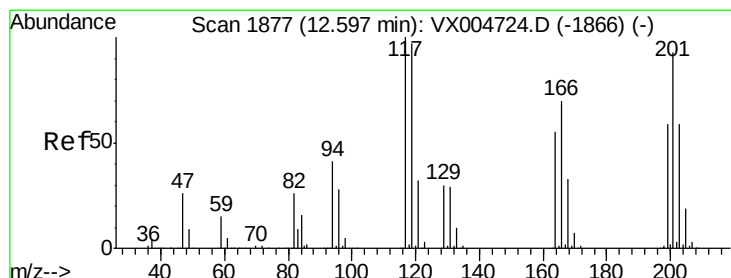
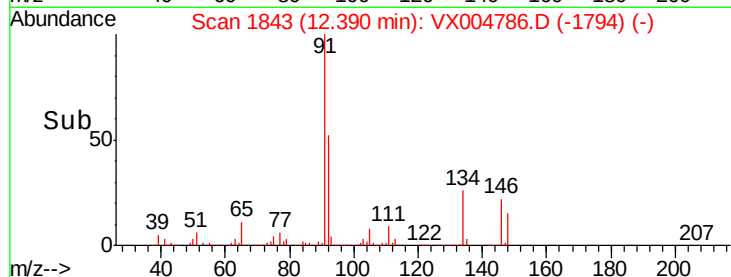
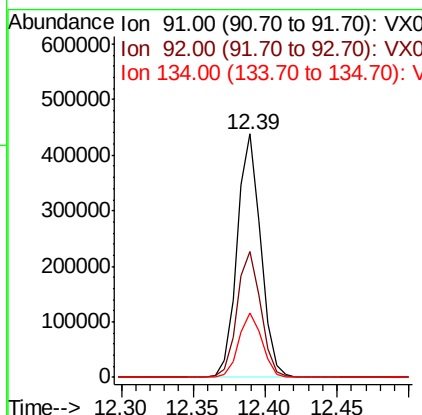
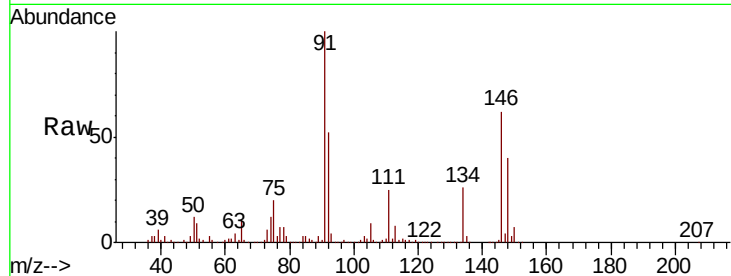
#89
n-Butylbenzene
Concen: 46.977 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.3	81.9
134	26.1	13.6	40.7

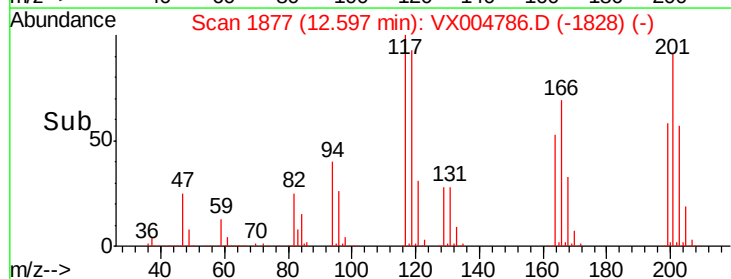
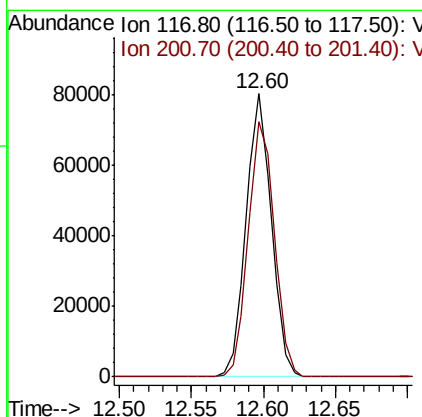
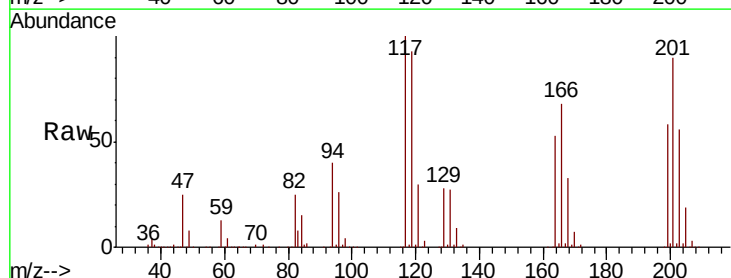
Manual Integrations
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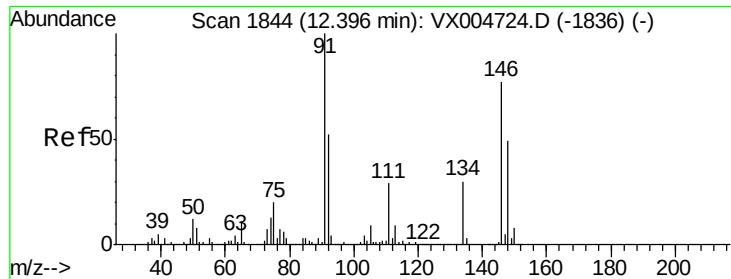
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#90
Hexachloroethane
Concen: 49.874 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.3	46.9	140.6





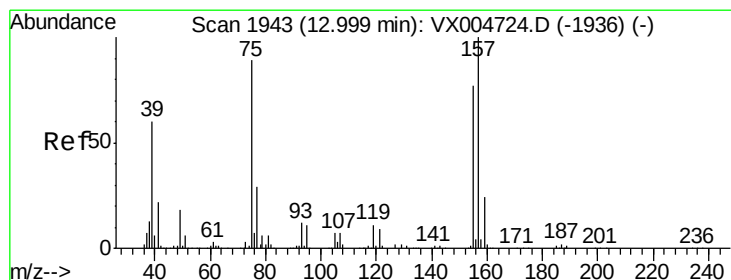
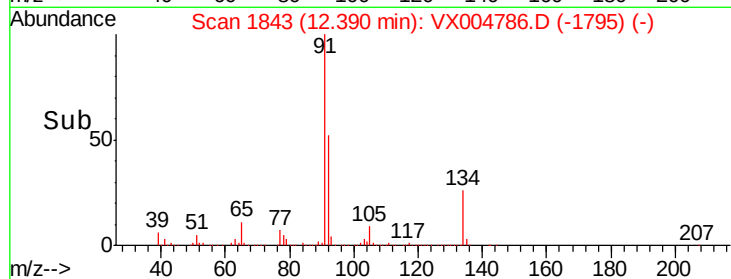
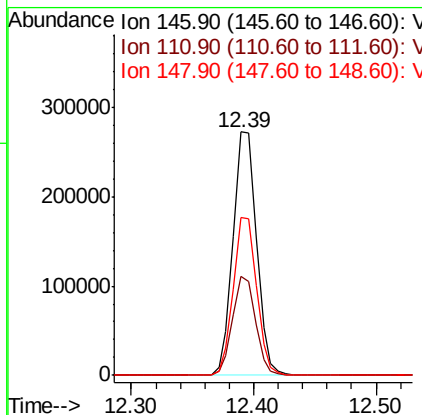
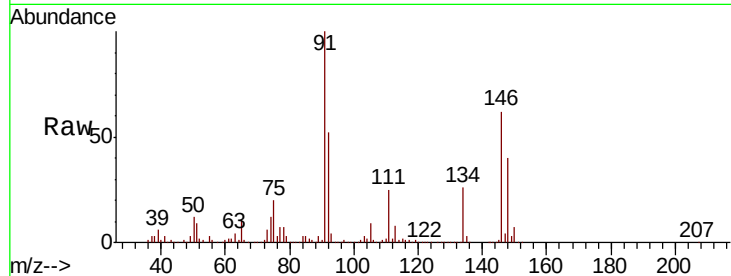
#91
 1,2-Dichlorobenzene
 Concen: 49.321 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.1
148	64.1	32.8	98.3

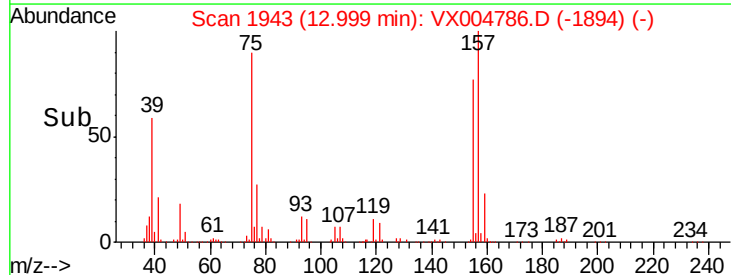
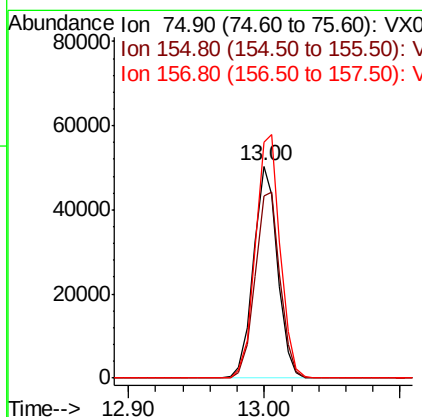
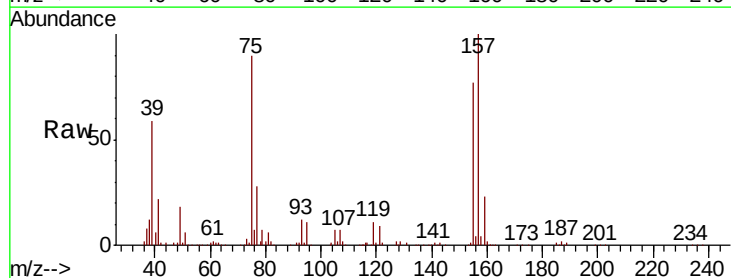
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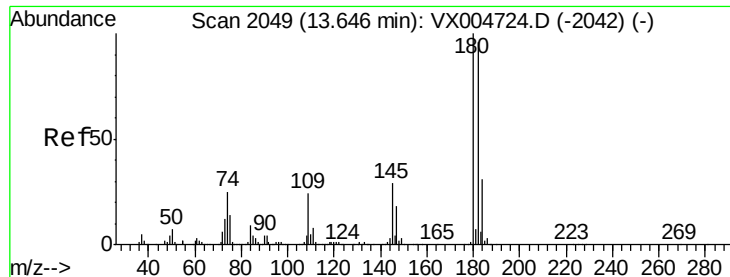
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.259 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.1	48.0	144.2
157	118.1	61.4	184.1





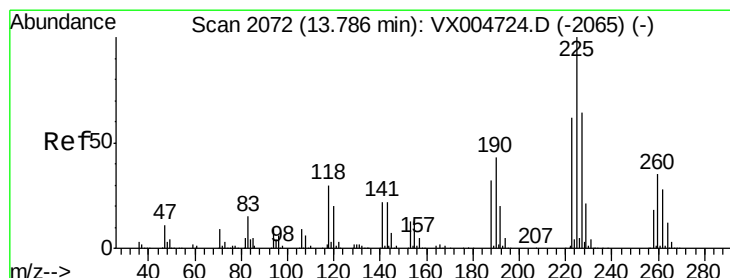
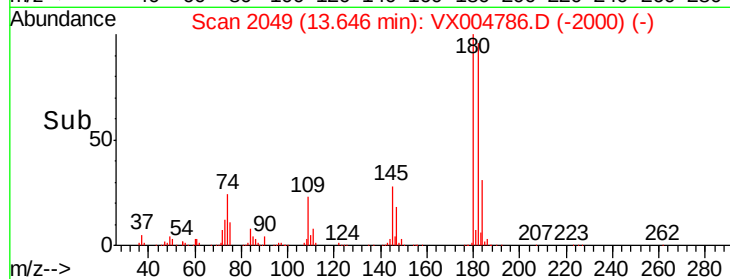
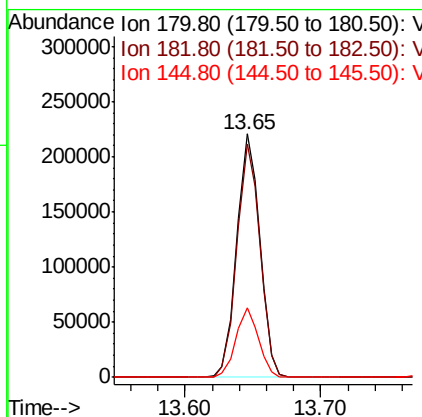
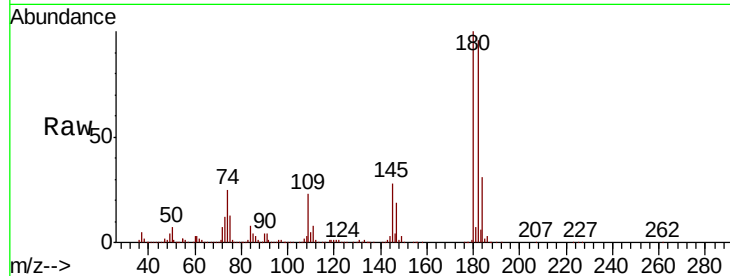
#93
 1,2,4-Trichlorobenzene
 Concen: 50.771 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	260473
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.4	145.0
145	28.1	14.3	42.9

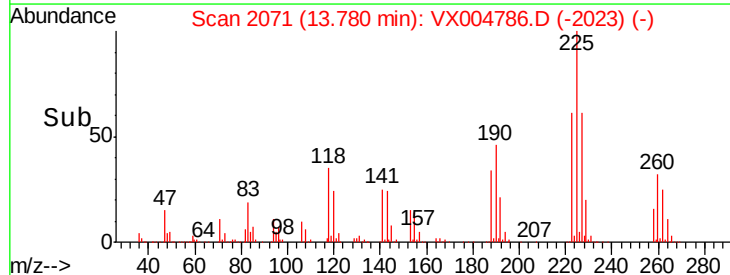
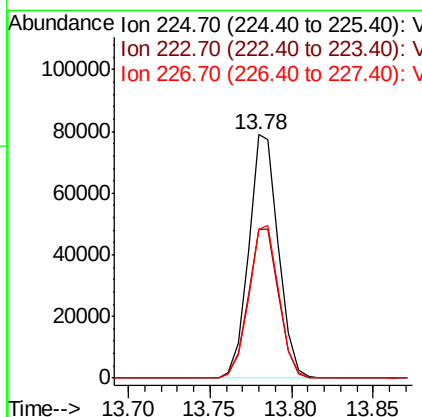
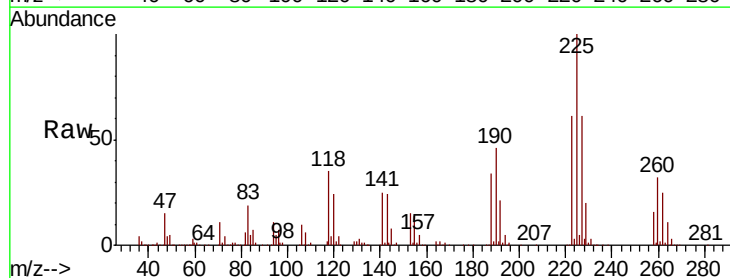
Manual Integrations
 APPROVED

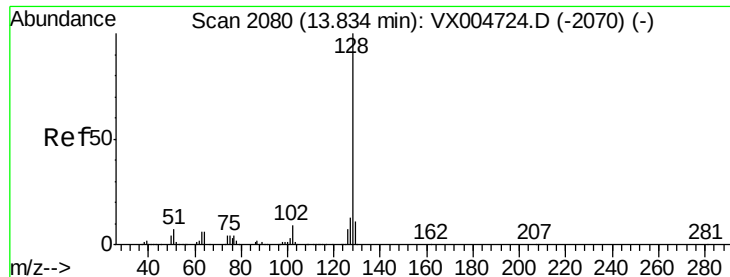
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#94
 Hexachlorobutadiene
 Concen: 37.455 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX004786.D
 Acq: 27 Sep 2018 20:37

Tgt Ion:	225	Resp:	99643
Ion Ratio	Lower	Upper	
225	100		
223	63.2	30.1	90.5
227	63.3	30.8	92.4





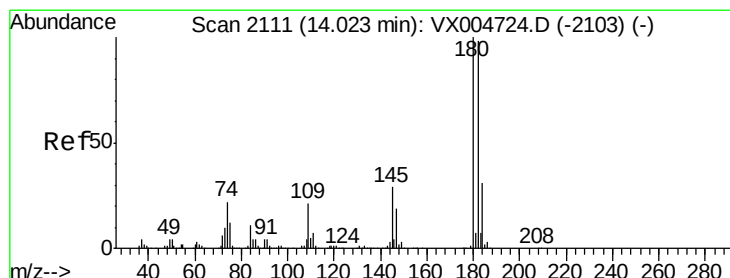
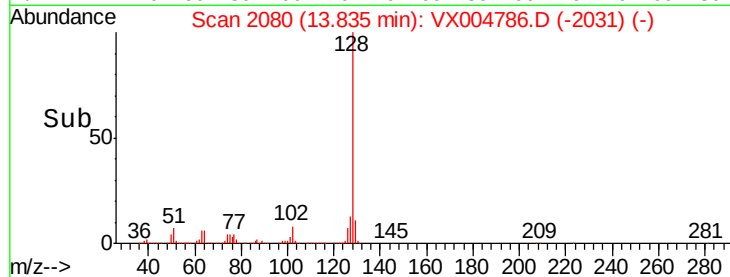
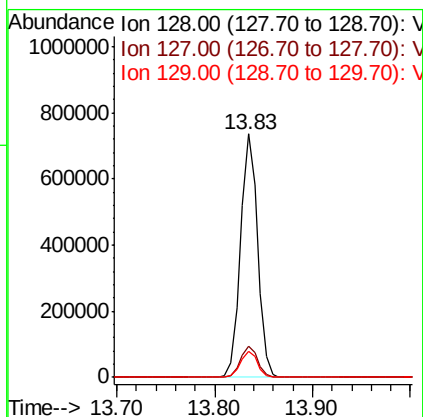
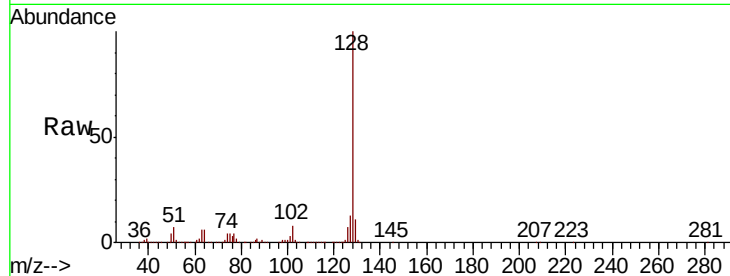
#95
Naphthalene
Concen: 52.228 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	889898		
127	12.9		10.2	15.2
129	10.8		8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.906 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004786.D
Acq: 27 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	269789		
182	95.8		48.5	145.6
145	30.0		14.9	44.9

