

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005159.D
 Acq On : 09 Oct 2018 15:21
 Operator : JC/MD
 Sample : VX1009MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 2:07:54 PM

Quant Time: Oct 10 06:47:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	146405	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	5.50	113	114678	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.71	98	421950	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
62) 4-Bromofluorobenzene	11.14	95	157352	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69296	26.123	ug/l	97
3) Chloromethane	1.32	50	79105	24.580	ug/l	99
4) Vinyl Chloride	1.40	62	78792	26.103	ug/l	100
5) Bromomethane	1.64	94	42043	23.489	ug/l	96
6) Chloroethane	1.72	64	44132	25.697	ug/l	96
7) Trichlorofluoromethane	1.93	101	97467	26.083	ug/l	97
8) Diethyl Ether	2.19	74	37160	22.891	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52250	24.547	ug/l	99
10) Methyl Iodide	2.51	142	57823	20.300	ug/l	91
11) Tert butyl alcohol	3.07	59	95795	123.276	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51081	24.232	ug/l	96
13) Acrolein	2.29	56	57855	104.641	ug/l	91
14) Allyl chloride	2.73	41	115885	25.195	ug/l	95
15) Acrylonitrile	3.15	53	206196	120.537	ug/l	96
16) Acetone	2.45	43	186090	114.691	ug/l	93
17) Carbon Disulfide	2.57	76	153451	24.225	ug/l	99
18) Methyl Acetate	2.78	43	105190	25.588	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	183299	25.209	ug/l	97
20) Methylene Chloride	2.85	84	59431	24.769	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	54246	23.507	ug/l #	79
22) Diisopropyl ether	3.87	45	185480	23.948	ug/l	97
23) Vinyl Acetate	3.82	43	822077	115.955	ug/l	98
24) 1,1-Dichloroethane	3.70	63	109630	23.729	ug/l	99
25) 2-Butanone	4.70	43	270128	112.946	ug/l	95
26) 2,2-Dichloropropane	4.59	77	74573	23.179	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	57870	22.448	ug/l	94
28) Bromochloromethane	5.02	49	44664	20.529	ug/l	99
29) Tetrahydrofuran	5.16	42	177462	119.382	ug/l	97
30) Chloroform	5.21	83	97936	22.429	ug/l	98
31) Cyclohexane	5.57	56	90471	25.585	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	84979	23.830	ug/l	96
36) 1,1-Dichloropropene	5.80	75	72653	22.769	ug/l	93
37) Ethyl Acetate	4.85	43	96820	22.859	ug/l	98
38) Carbon Tetrachloride	5.78	117	75337	22.461	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82114	25.202	ug/l	87
40) Benzene	6.15	78	237584	23.783	ug/l	93
41) Methacrylonitrile	5.06	41	52997	22.562	ug/l	97
42) 1,2-Dichloroethane	6.20	62	80730	22.861	ug/l	98
43) Isopropyl Acetate	6.46	43	141124	23.085	ug/l	98
44) Trichloroethene	7.21	130	60096	24.472	ug/l	94
45) 1,2-Dichloropropane	7.52	63	59070	24.113	ug/l	99
46) Dibromomethane	7.66	93	37947	24.648	ug/l	100
47) Bromodichloromethane	7.90	83	72343	25.097	ug/l	99
48) Methyl methacrylate	7.78	41	72202	26.021	ug/l	99
49) 1,4-Dioxane	7.76	88	33893	491.659	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	502188	130.464	ug/l	99
52) Toluene	8.79	92	140247	25.550	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	78078	23.970	ug/l	95
54) cis-1,3-Dichloropropene	8.44	75	87575	25.668	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56843	23.641	ug/l	96
56) Ethyl methacrylate	9.18	69	84704	23.329	ug/l	98
57) 1,3-Dichloropropane	9.37	76	95768	23.932	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	207995	108.919	ug/l	99
59) 2-Hexanone	9.50	43	393944	122.814	ug/l	94
60) Dibromochloromethane	9.59	129	57486	23.907	ug/l	99
61) 1,2-Dibromoethane	9.67	107	59567	23.133	ug/l	95
64) Tetrachloroethene	9.34	164	61699	23.472	ug/l	95
65) Chlorobenzene	10.14	112	155225	22.665	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	55596	23.091	ug/l	99
67) Ethyl Benzene	10.26	91	257033	23.640	ug/l	95
68) m/p-Xylenes	10.36	106	202926	47.760	ug/l	95
69) o-Xylene	10.70	106	95456	24.460	ug/l	99
70) Styrene	10.71	104	162147	23.404	ug/l	99
71) Bromoform	10.86	173	46152	22.390	ug/l #	98
73) Isopropylbenzene	11.02	105	260663	25.007	ug/l	100
74) N-amyl acetate	10.90	43	119227	21.831	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	91528	21.571	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87417m	23.584	ug/l	
77) Bromobenzene	11.26	156	71475	23.608	ug/l	98
78) n-propylbenzene	11.36	91	300894	25.159	ug/l	99
79) 2-Chlorotoluene	11.42	91	180970	24.276	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	223061	23.243	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24810	19.518	ug/l	98
82) 4-Chlorotoluene	11.51	91	213266	24.305	ug/l	100
83) tert-Butylbenzene	11.77	119	218935	25.511	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	230934	23.334	ug/l	99
85) sec-Butylbenzene	11.94	105	268105	25.648	ug/l	100
86) p-Isopropyltoluene	12.07	119	237416	25.069	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	130856	23.146	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132792	22.754	ug/l	99
89) n-Butylbenzene	12.39	91	204854	23.817	ug/l	99
90) Hexachloroethane	12.60	117	36298	23.019	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	128774	21.796	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21583	23.166	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

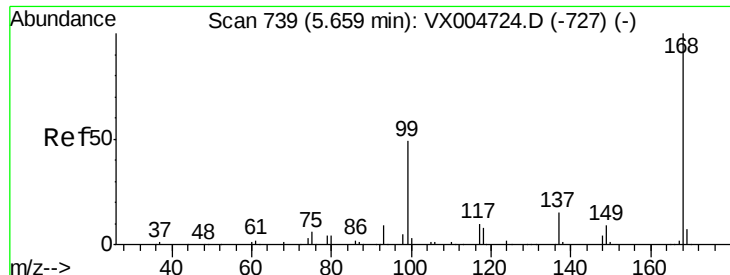
Manual Integrations
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10/10/2018 2:07:54 PM

Quant Time: Oct 10 06:47:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94125	22.711	ug/l	100
94) Hexachlorobutadiene	13.79	225	49760	23.154	ug/l	99
95) Naphthalene	13.83	128	295023	21.858	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99298	23.194	ug/l	100

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



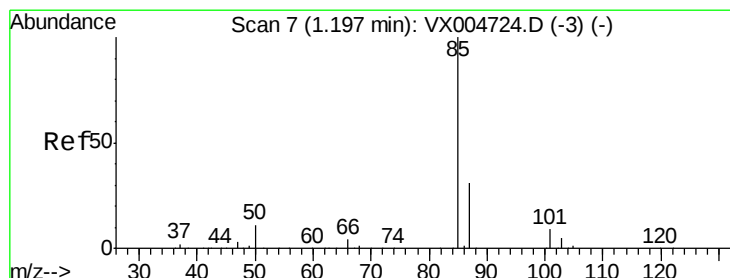
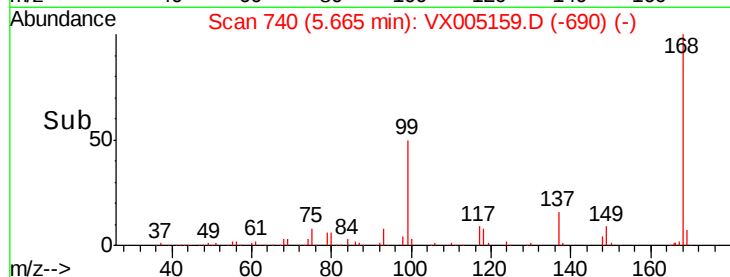
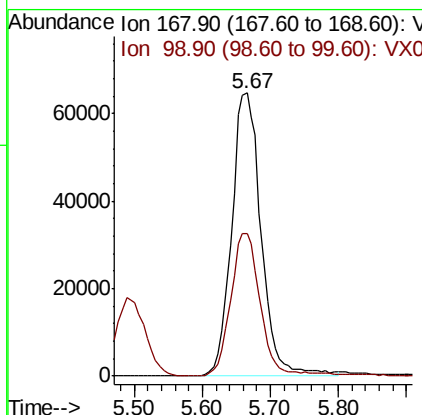
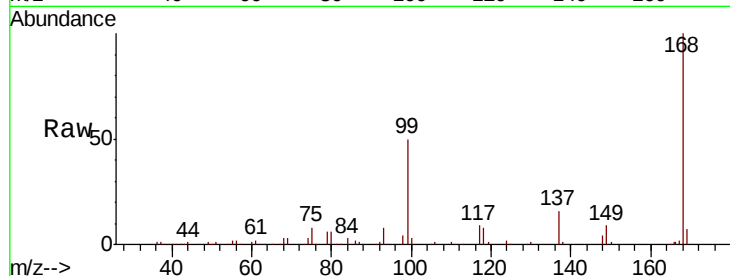
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.3	58.9

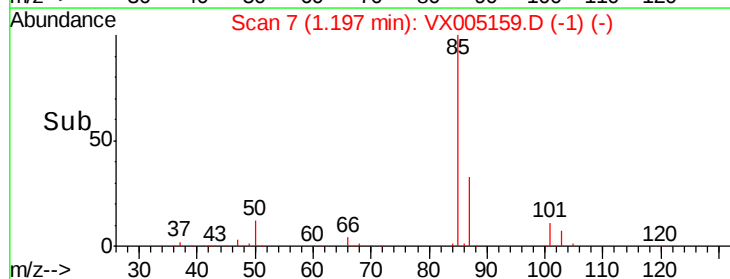
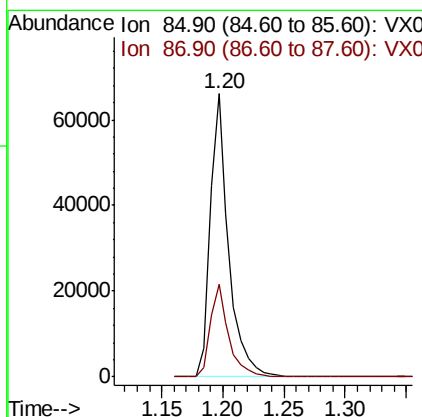
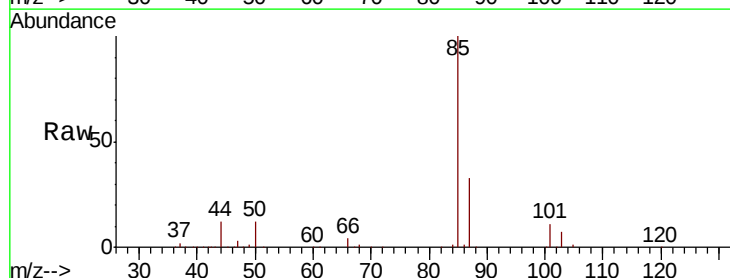
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 26.123 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.7	47.1





#3

Chloromethane

Concen: 24.580 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009MBS01

Tot Ion: 50 Resp: 79105

Ion Ratio Lower Upper

50 100

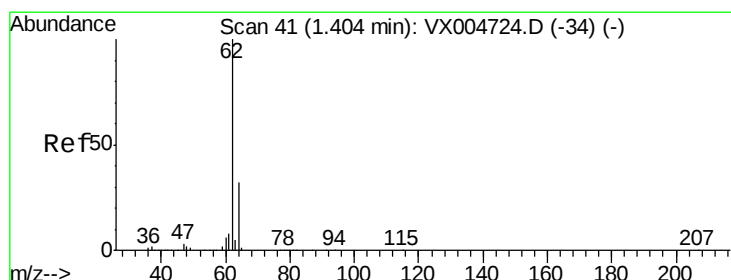
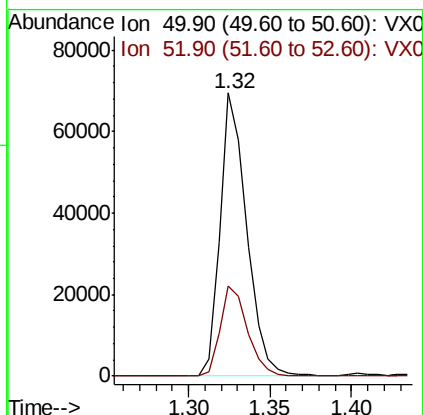
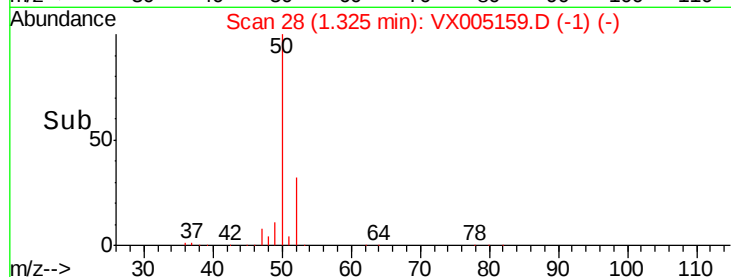
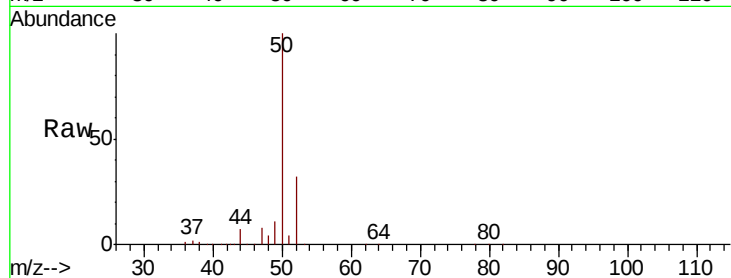
52 31.8 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 26.103 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005159.D

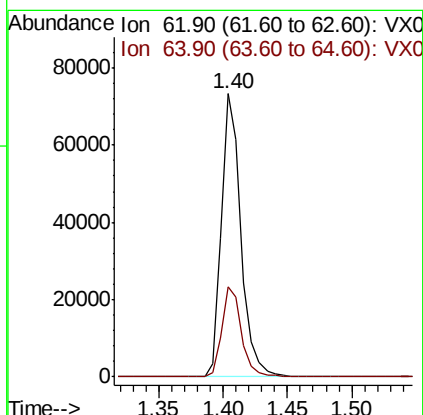
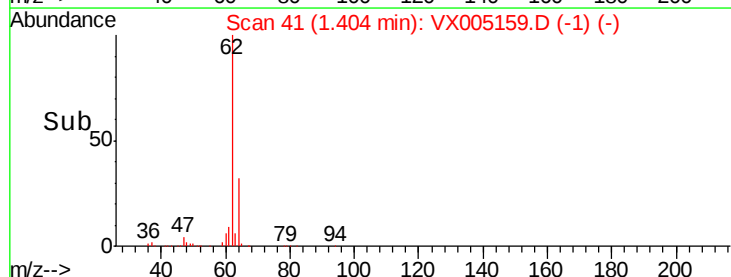
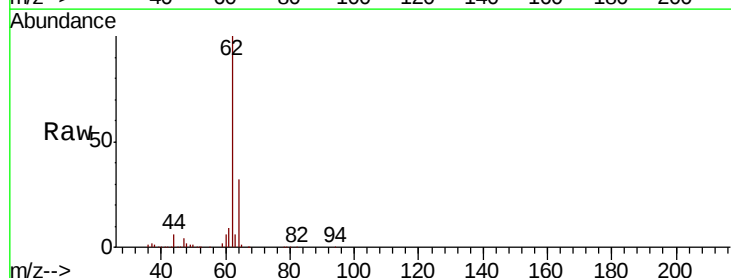
Acq: 09 Oct 2018 15:21

Tgt Ion: 62 Resp: 78792

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 23.489 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009MBS01

Tot Ion: 94 Resp: 42043

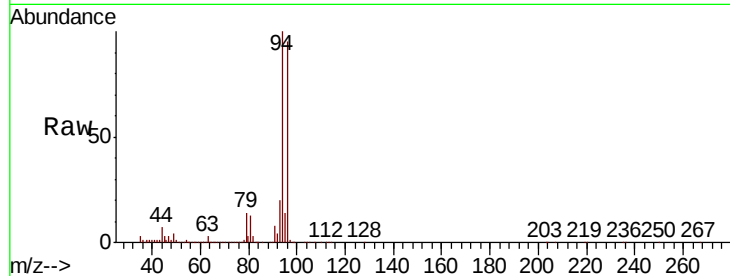
Ion Ratio Lower Upper

94 100

96 95.2 79.5 119.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

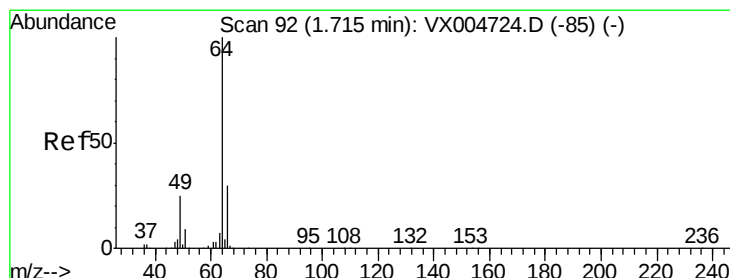
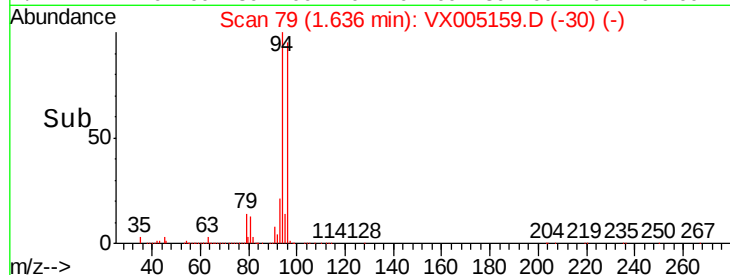
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20000

10000

0

Time-->



#6

Chloroethane

Concen: 25.697 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005159.D

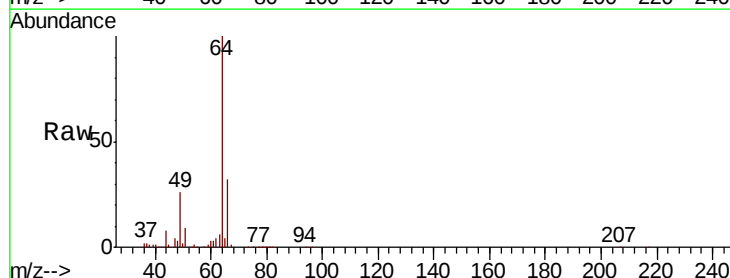
Acq: 09 Oct 2018 15:21

Tgt Ion: 64 Resp: 44132

Ion Ratio Lower Upper

64 100

66 31.7 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

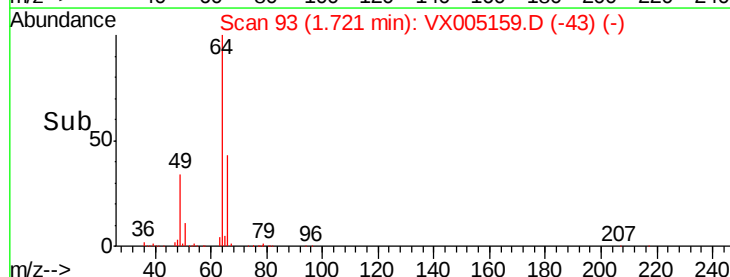
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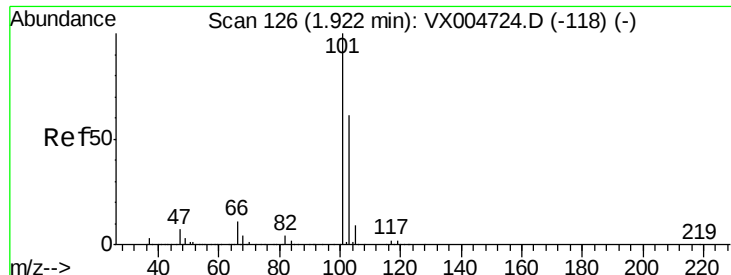
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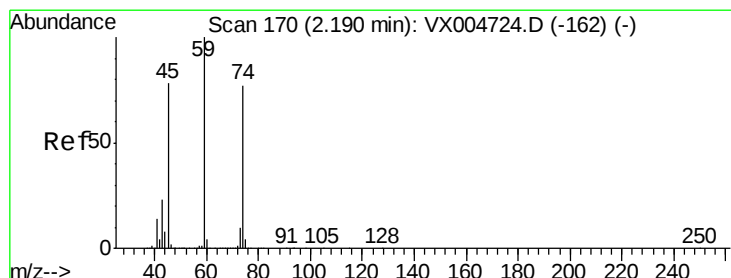
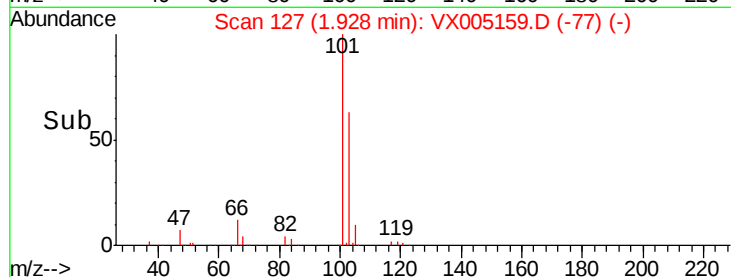
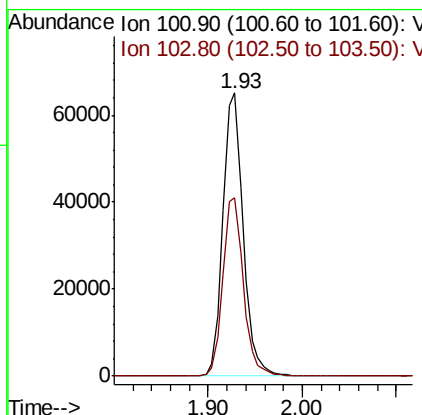
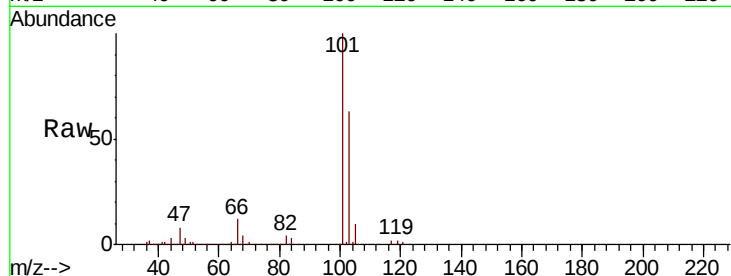
Trichlorofluoromethane
Concen: 26.083 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	48.4	72.6

Manual Integrations
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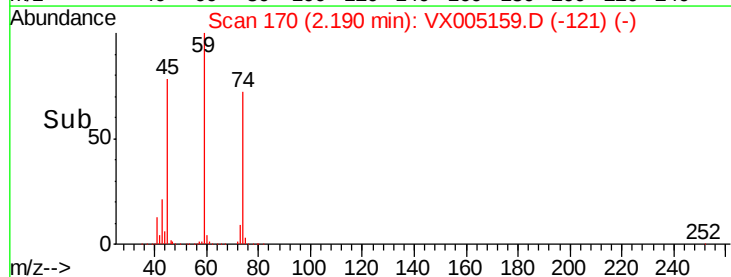
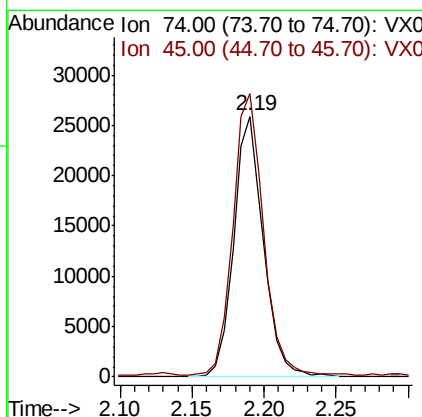
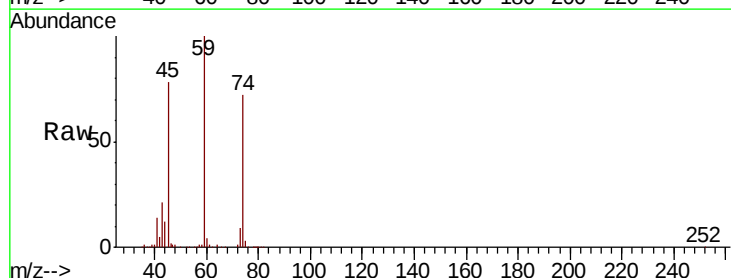
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#8

Diethyl Ether
Concen: 22.891 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.2	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.547 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

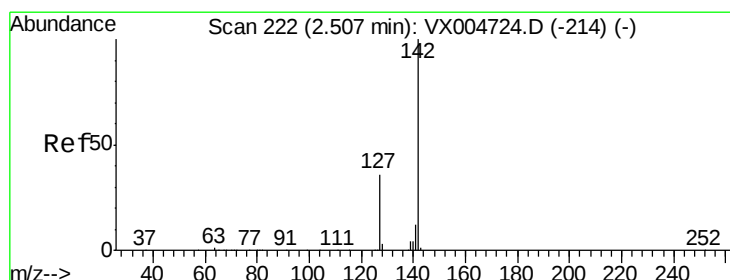
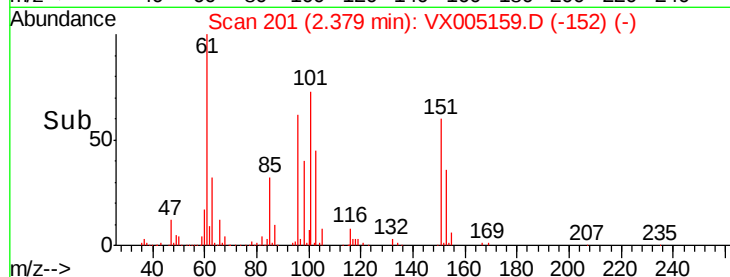
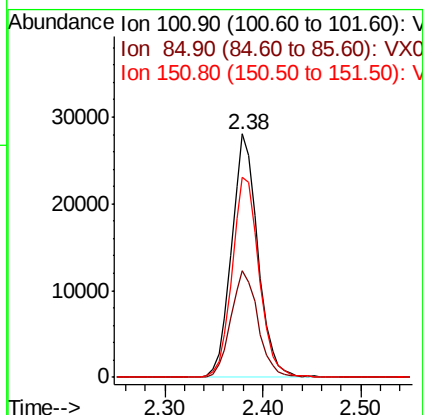
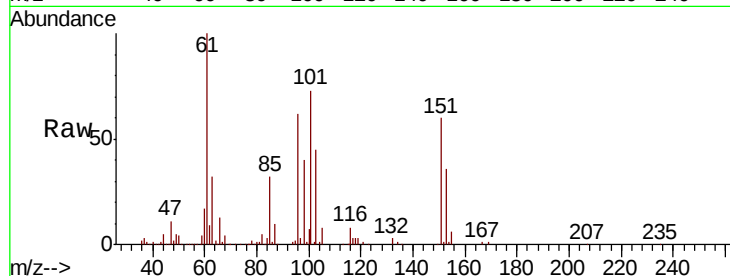
ClientSampleId :

VX1009MBS01

Tot Ion:	101	Resp:	52250
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.9	53.9
151	84.5	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 20.300 ug/l

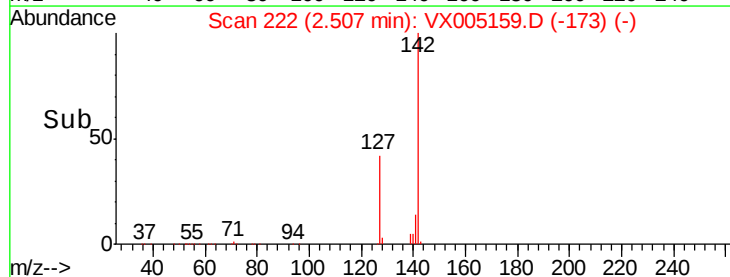
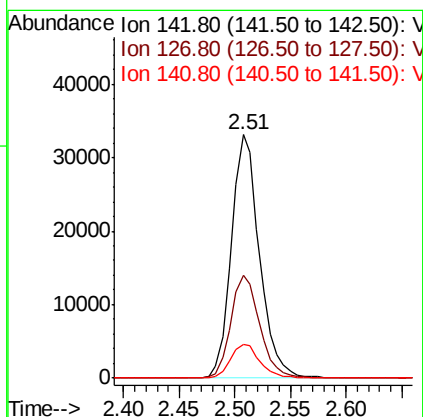
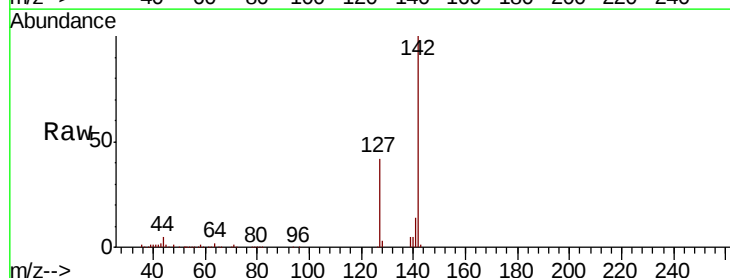
RT: 2.51 min Scan# 222

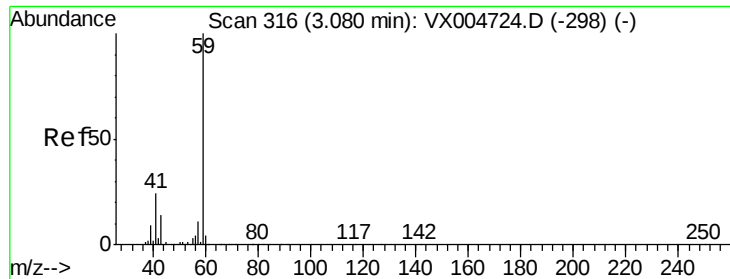
Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Tgt Ion:	142	Resp:	57823
Ion Ratio	Lower	Upper	
142	100		
127	43.8	30.1	45.1
141	14.3	10.1	15.1





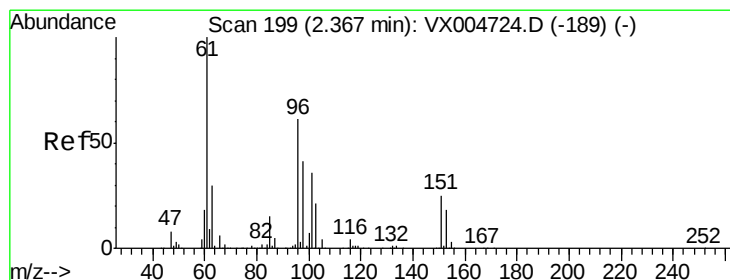
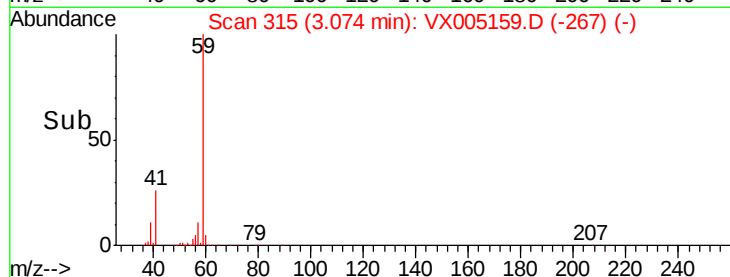
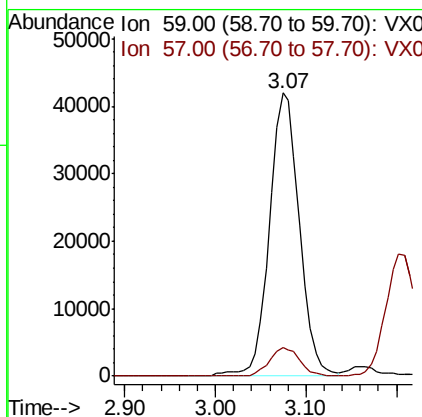
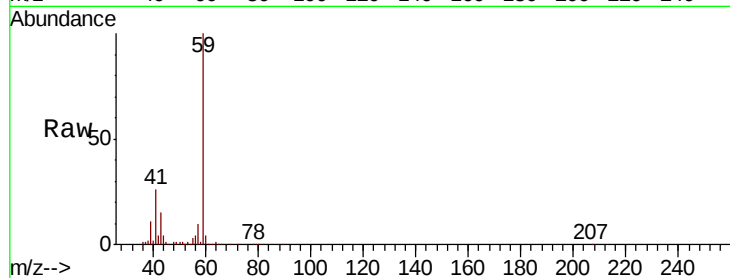
#11
Tert butyl alcohol
Concen: 123.276 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	59	Resp	95795
Ion Ratio	100	Lower	Upper
57	10.2	8.6	12.8

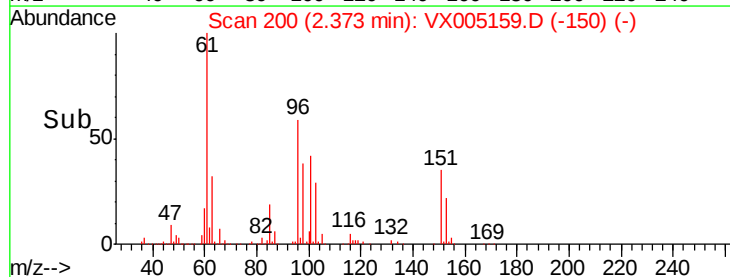
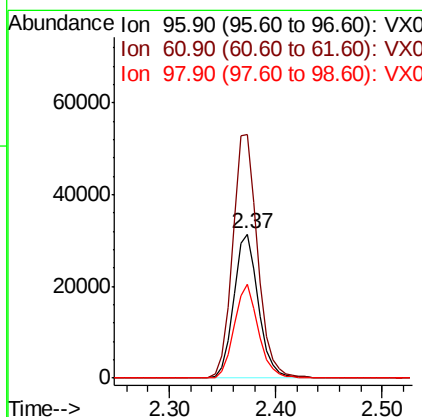
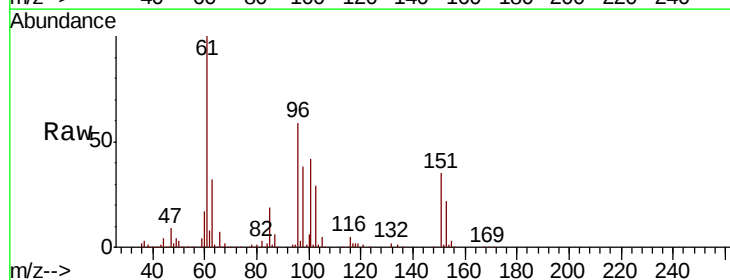
Manual Integrations
APPROVED

MMDadoda
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#12
1,1-Dichloroethene
Concen: 24.232 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	96	Resp	51081
Ion Ratio	100	Lower	Upper
61	168.7	130.2	195.4
98	64.8	53.4	80.0





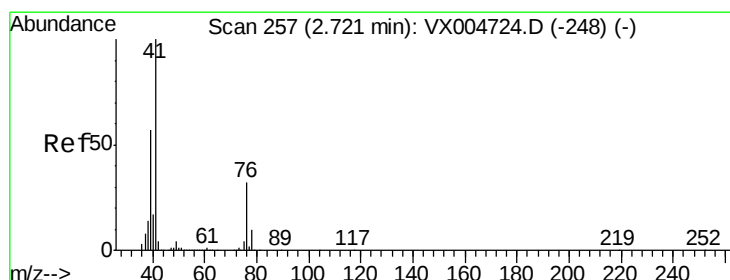
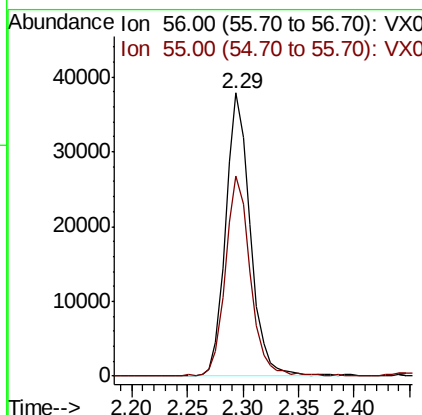
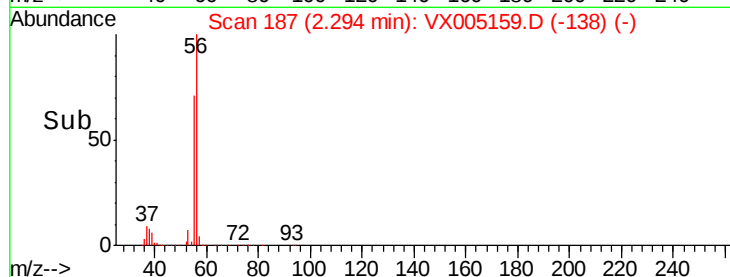
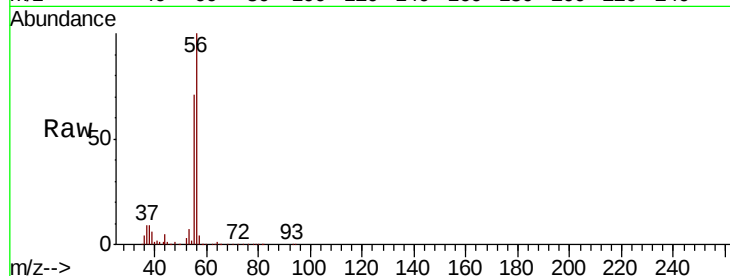
#13
Acrolein
Concen: 104.641 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.4	63.4	95.2

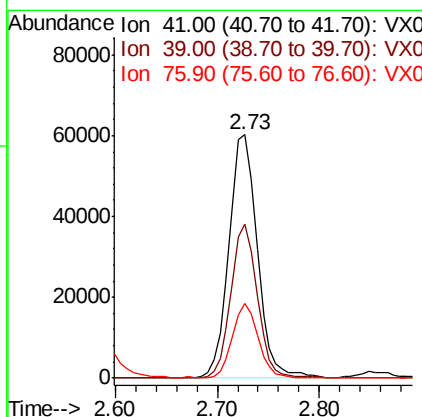
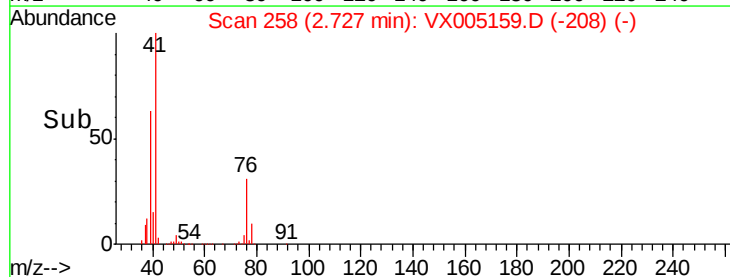
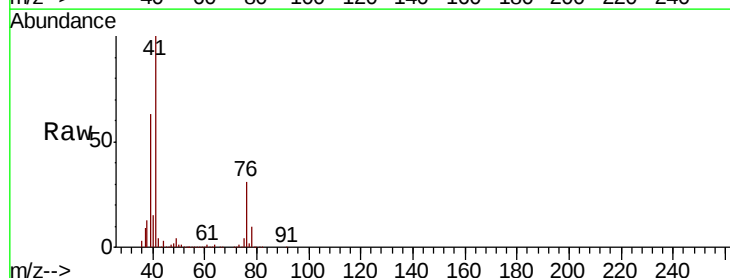
Manual Integrations
APPROVED

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10/10/2018 2:07:54 PM



#14
Allyl chloride
Concen: 25.195 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.4	44.1	66.1
76	27.5	25.0	37.4





#15

Acrylonitrile

Concen: 120.537 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

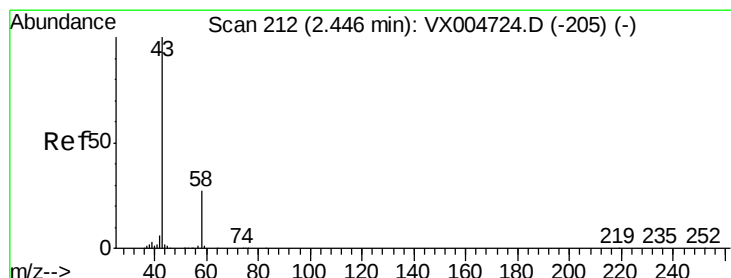
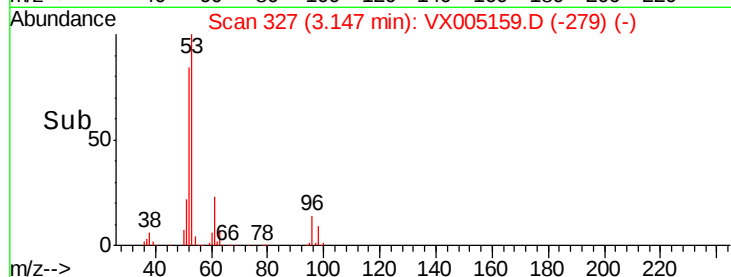
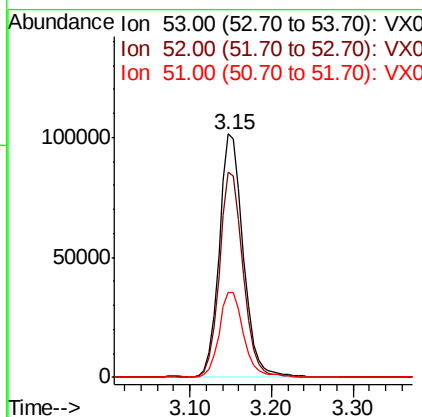
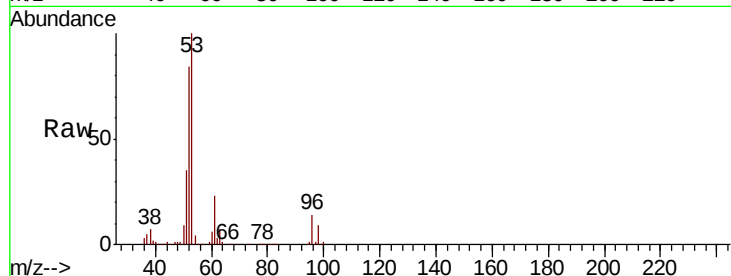
ClientSampleId :

VX1009MBS01

Tot Ion	53	Resp	206196
Ion	Ratio	Lower	Upper
53	100		
52	83.3	63.0	94.4
51	36.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 114.691 ug/l

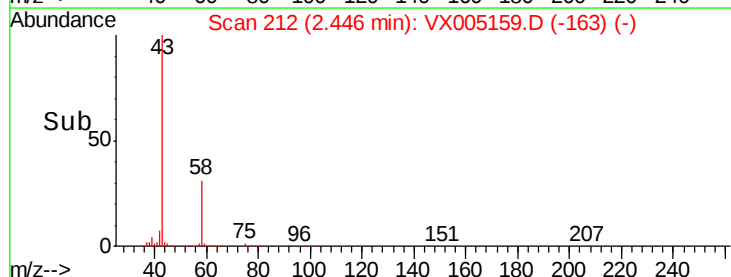
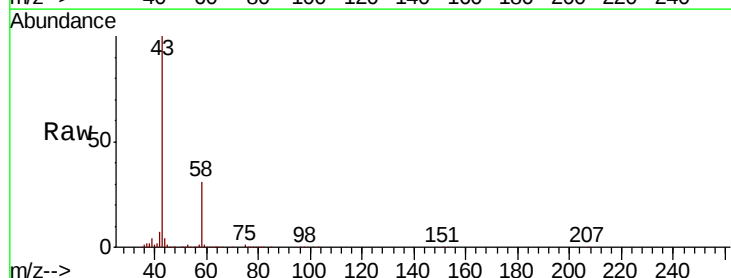
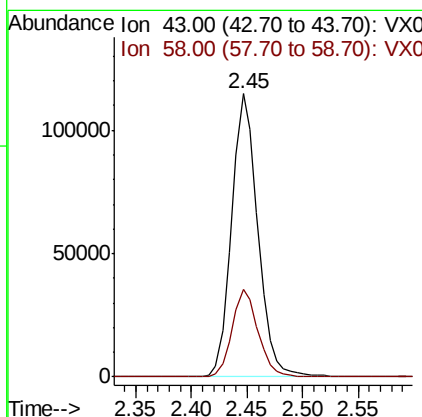
RT: 2.45 min Scan# 212

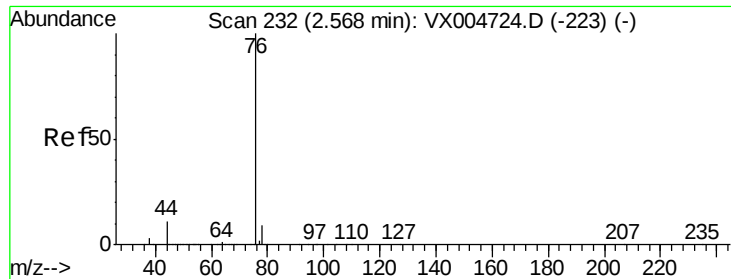
Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Tgt Ion	43	Resp	186090
Ion	Ratio	Lower	Upper
43	100		
58	30.7	21.8	32.6





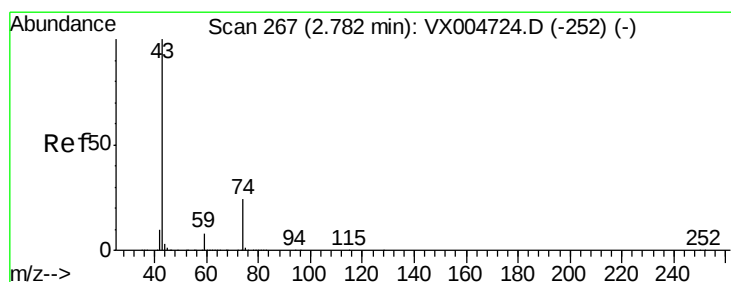
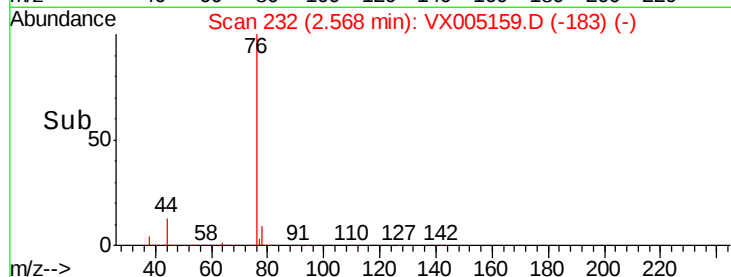
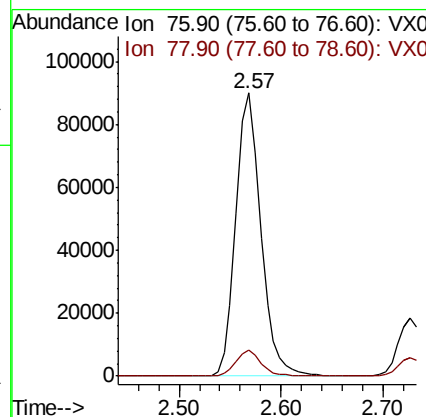
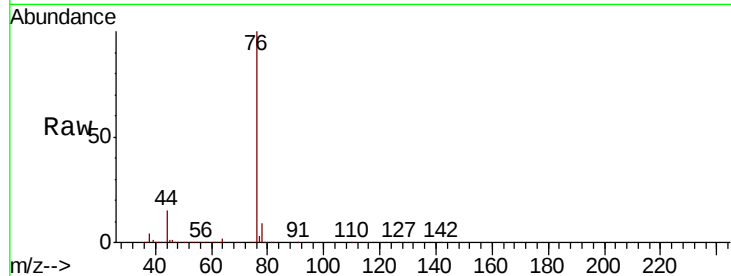
#17
Carbon Disulfide
Concen: 24.225 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

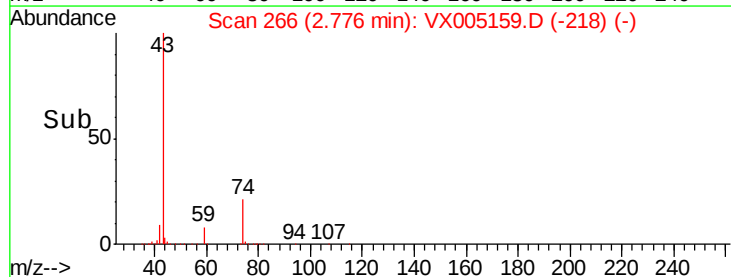
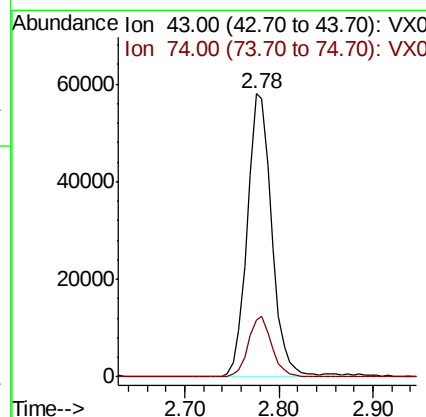
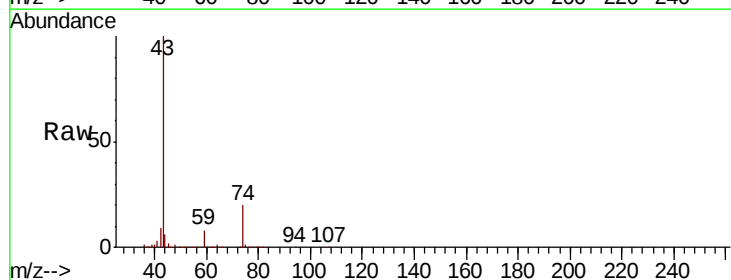
Manual Integrations
APPROVED

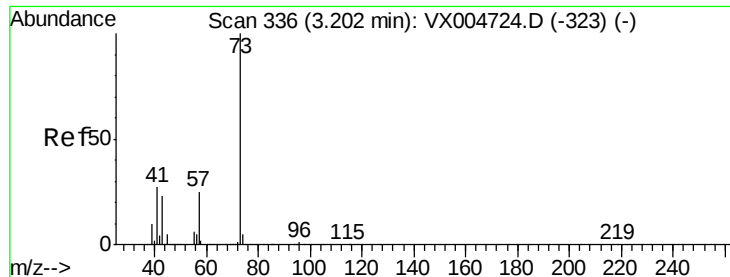
MMDadoda
10/10/2018 2:07:54 PM



#18
Methyl Acetate
Concen: 25.588 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	17.8	26.8





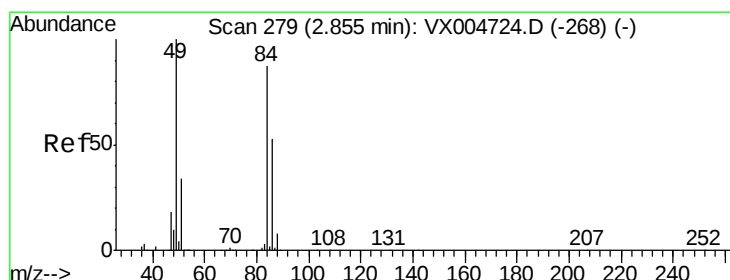
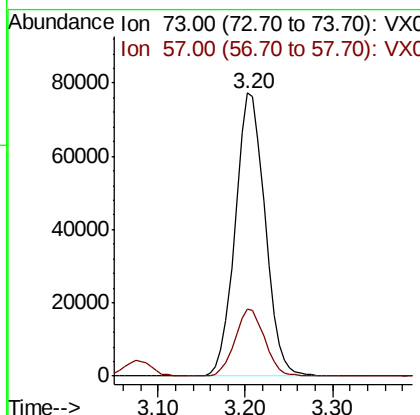
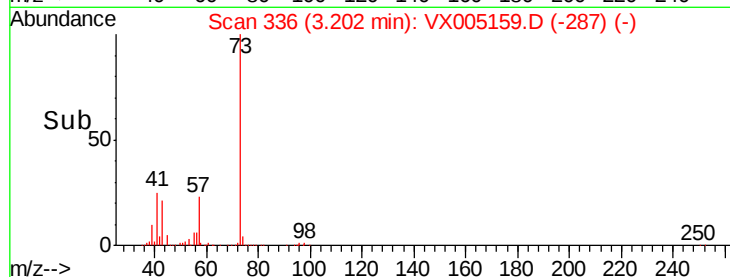
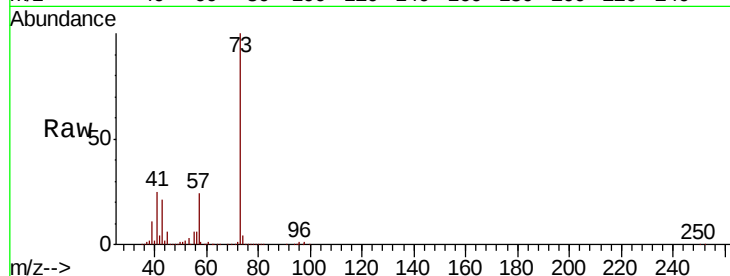
#19
Methvl tert-butvl Ether
Concen: 25.209 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	19.9	29.9

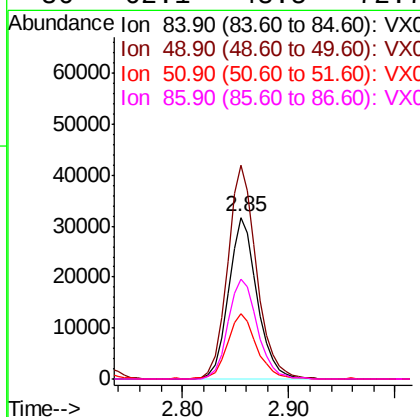
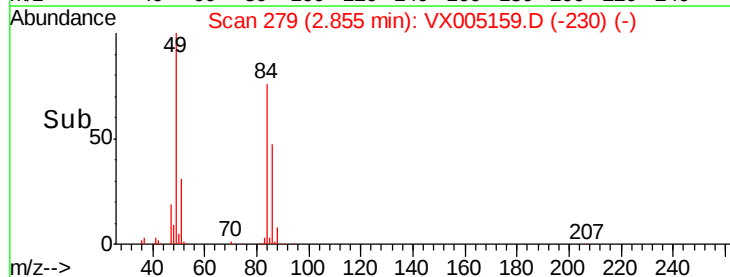
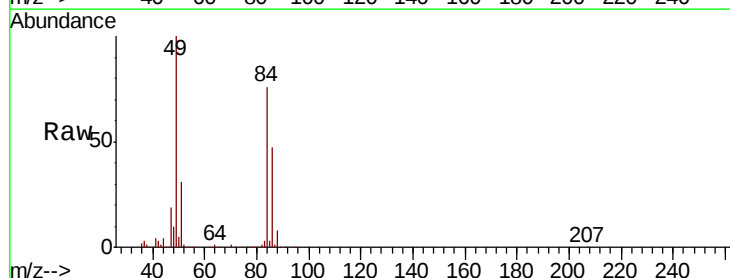
Manual Integrations
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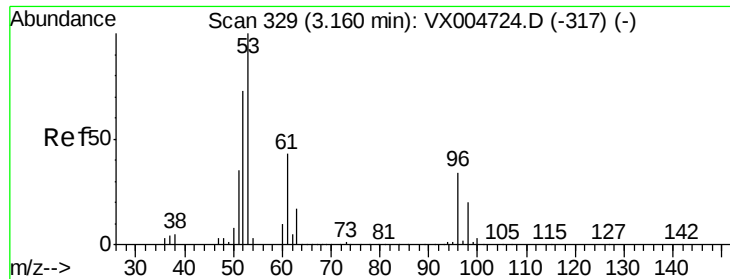
MMDadoda
10/10/2018 2:07:54 PM



#20
Methylene Chloride
Concen: 24.769 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.0	92.3	138.5
51	40.4	31.8	47.6
86	62.1	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 23.507 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

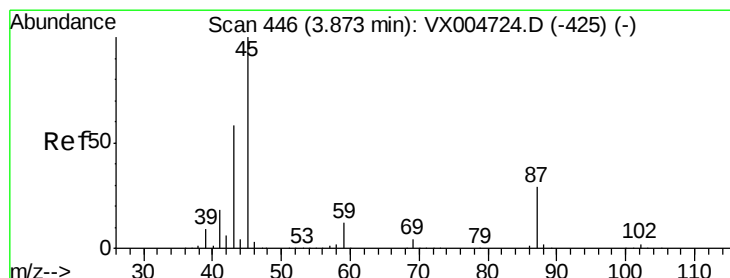
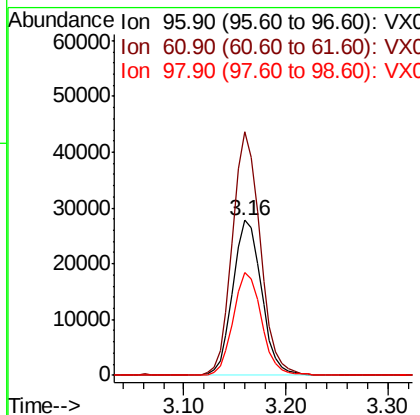
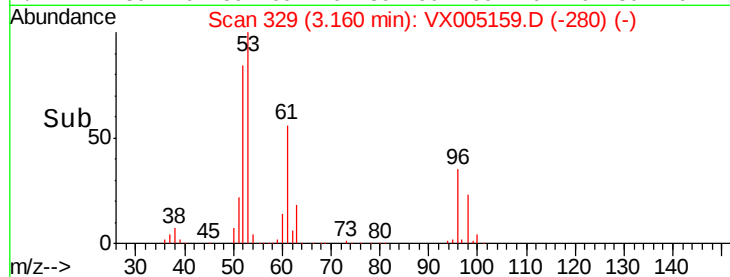
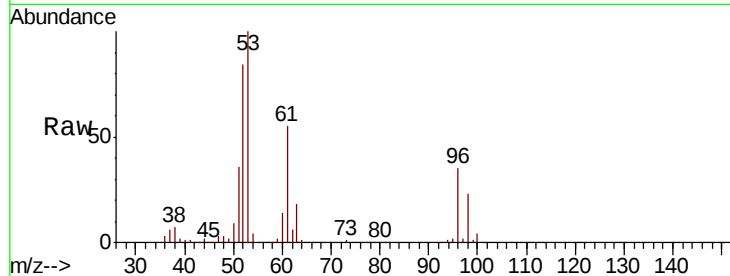
ClientSampleId :

VX1009MBS01

Tot Ion:	96	Resp:	54246
Ion	Ratio	Lower	Upper
96	100		
61	156.8	101.0	151.6#
98	66.4	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 23.948 ug/l

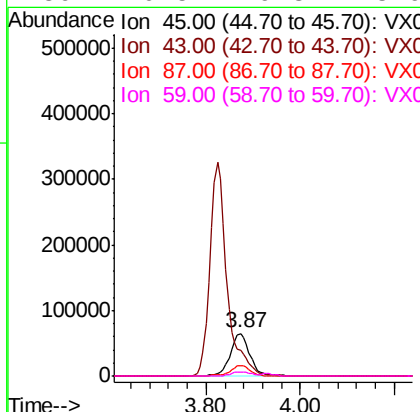
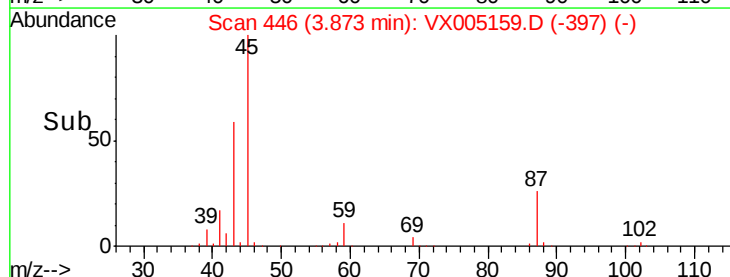
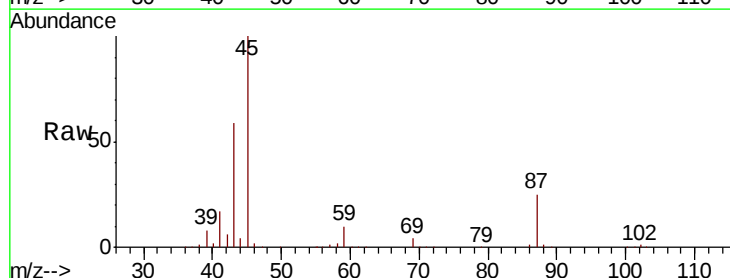
RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Tgt Ion:	45	Resp:	185480
Ion	Ratio	Lower	Upper
45	100		
43	59.2	46.7	70.1
87	25.5	22.9	34.3
59	10.5	9.3	13.9





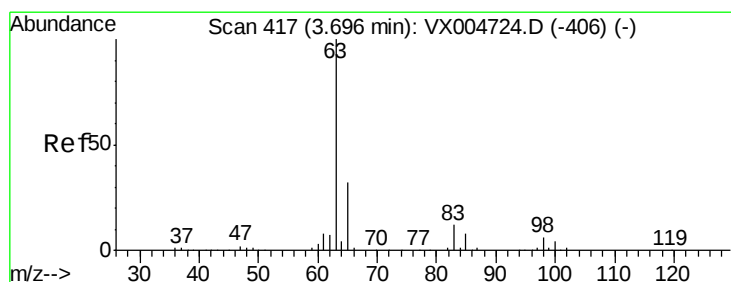
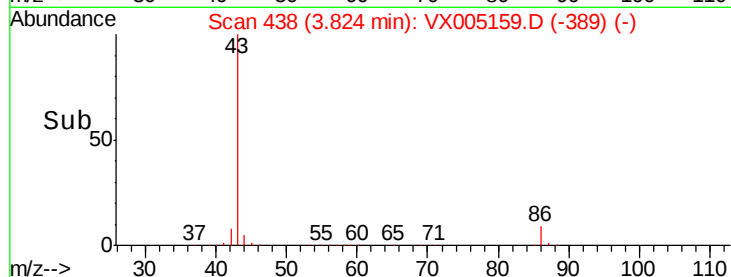
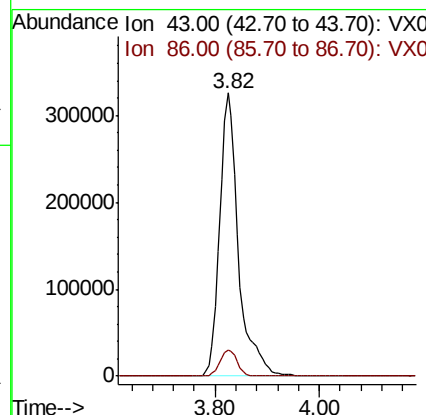
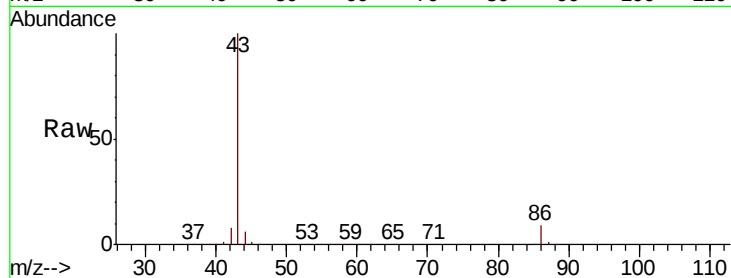
#23
 Vinyl Acetate
 Concen: 115.955 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Tot Ion	43	86	Resp	Lower	Upper
43	100				
86	9.2		8.1	12.1	

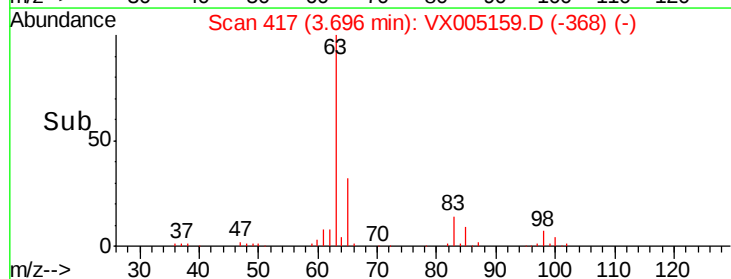
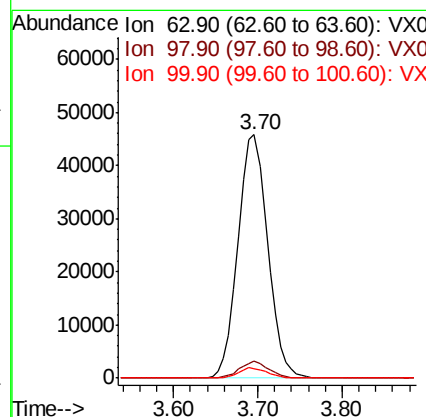
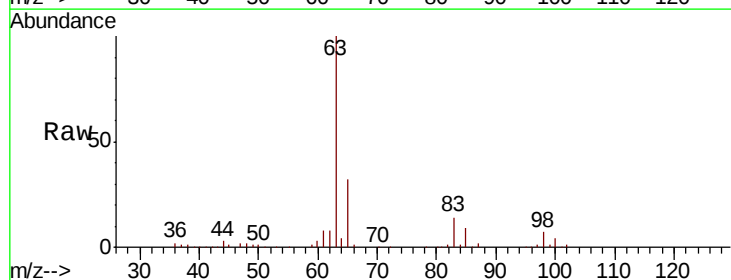
Manual Integrations
 APPROVED

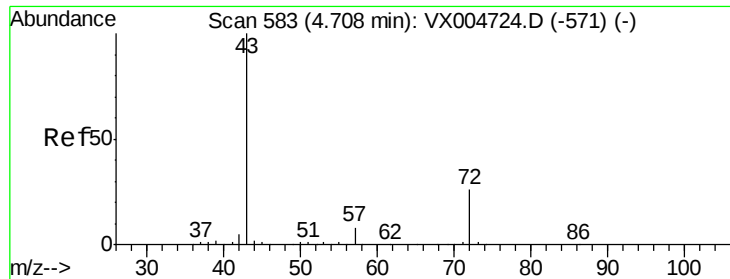
MMDadoda
 10/10/2018 2:07:54 PM



#24
 1,1-Dichloroethane
 Concen: 23.729 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Tgt Ion	63	98	100	Resp	Lower	Upper
63	100					
98	6.8			3.0	9.2	
100	4.0			2.0	5.8	





#25

2-Butanone

Concen: 112.946 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009MBS01

Tot Ion: 43 Resp: 270128

Ion Ratio Lower Upper

43 100

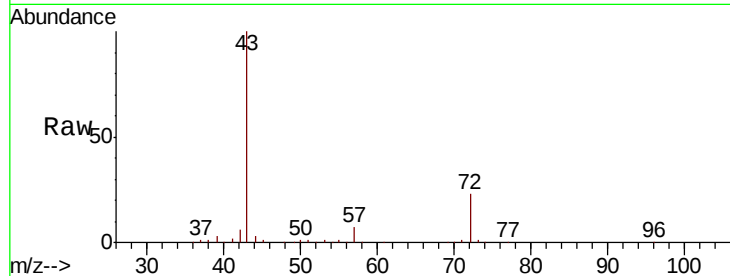
72 23.3 20.8 31.2

Manual Integrations

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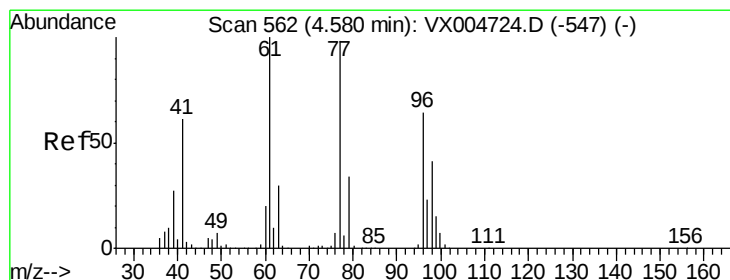
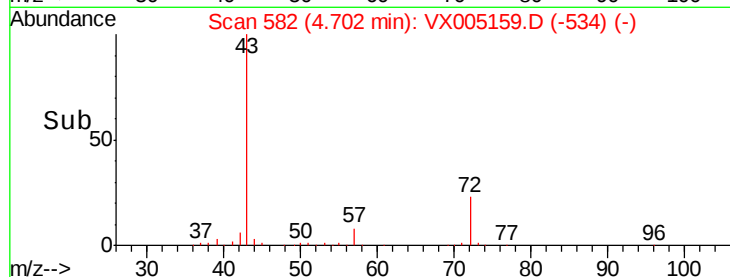
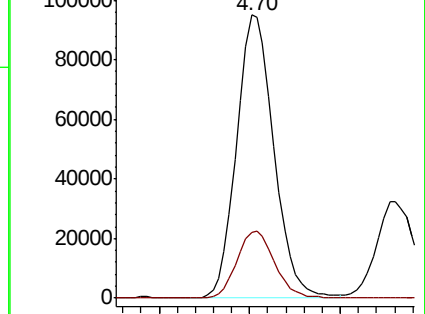
MMDadoda

10/10/2018 2:07:54 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 23.179 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005159.D

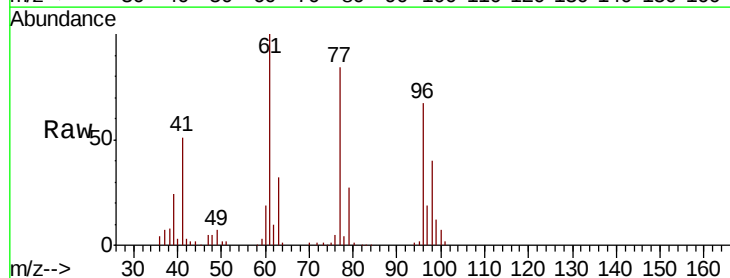
Acq: 09 Oct 2018 15:21

Tgt Ion: 77 Resp: 74573

Ion Ratio Lower Upper

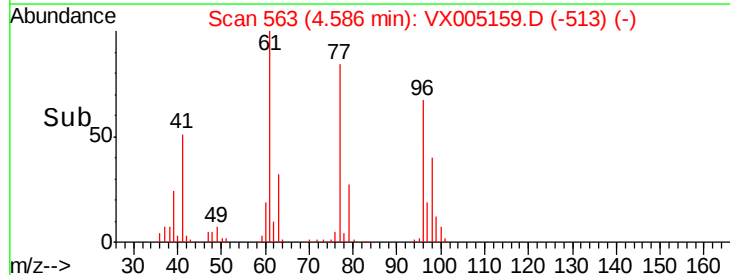
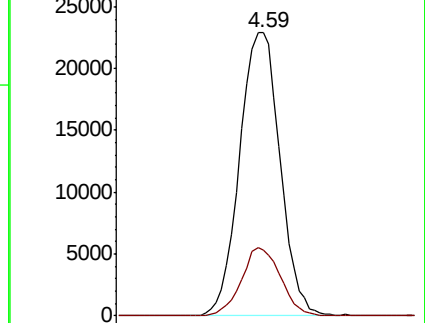
77 100

97 23.2 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

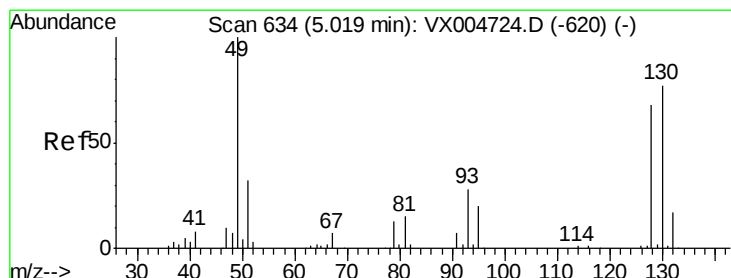
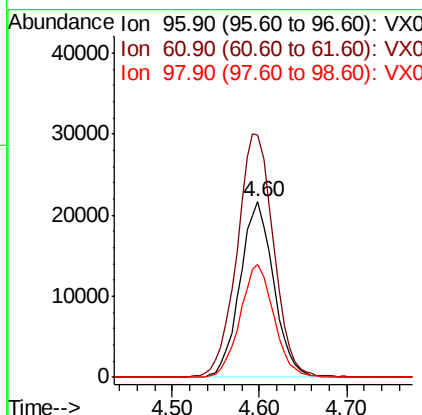
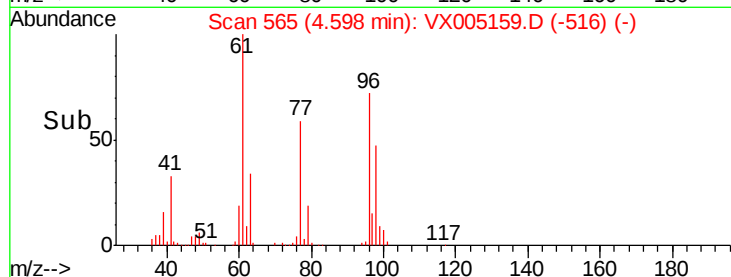
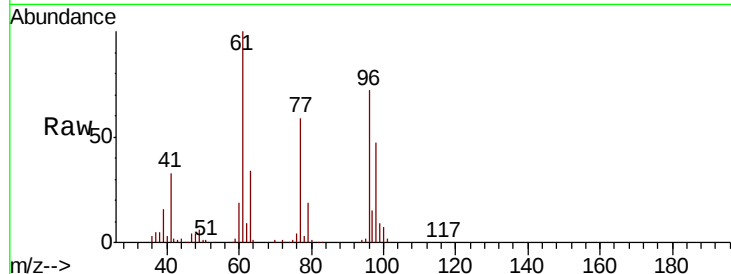
cis-1,2-Dichloroethene
Concen: 22.448 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	285.8
98	64.9	0.0	136.2

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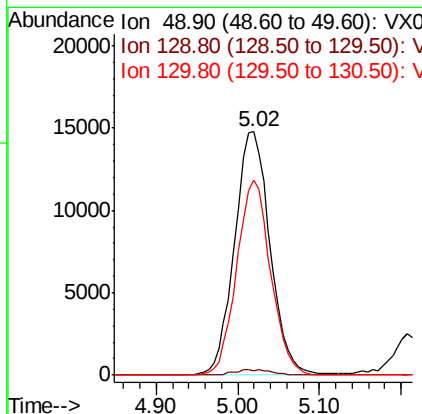
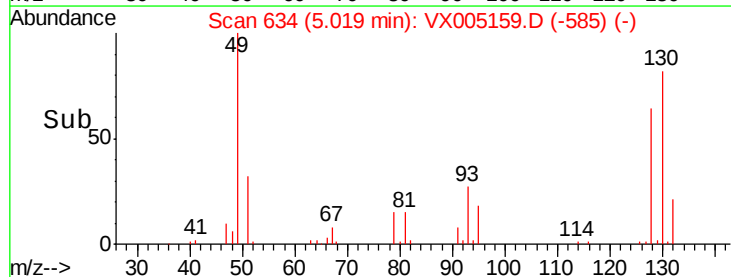
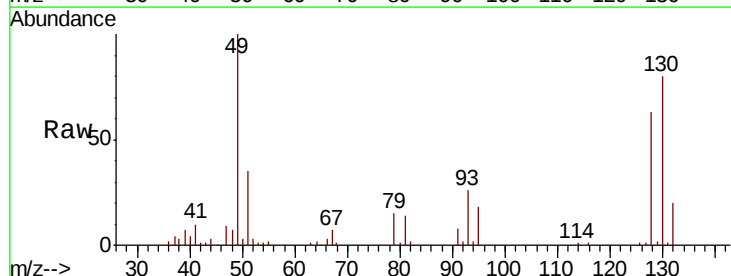
MMDadoda
10/10/2018 2:07:54 PM



#28

Bromochloromethane
Concen: 20.529 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.2
130	76.5	62.0	93.0





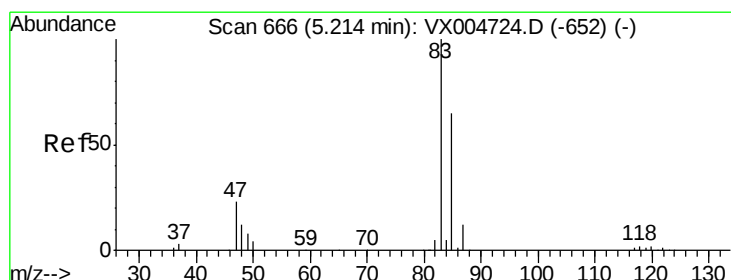
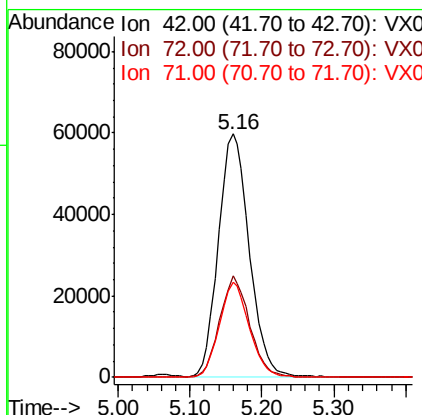
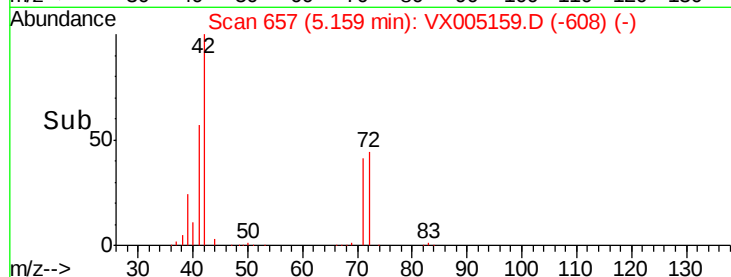
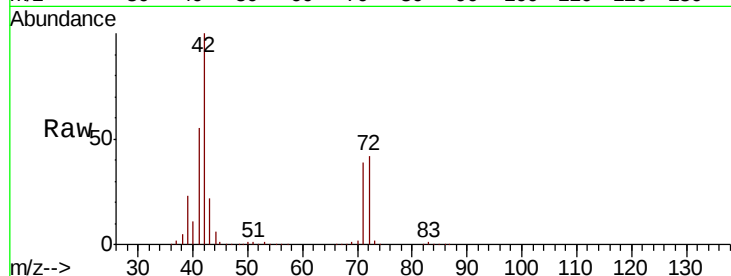
#29
Tetrahydrofuran
Concen: 119.382 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	33.7	50.5
71	38.1	32.2	48.4

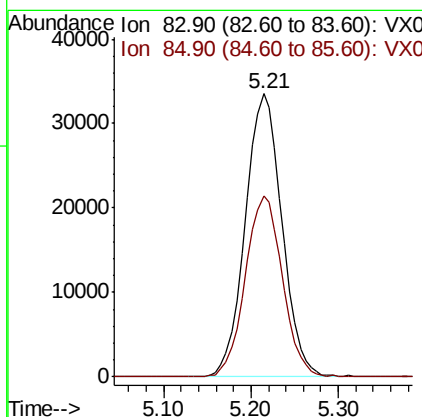
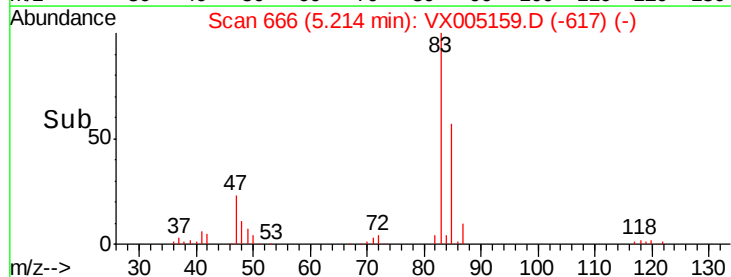
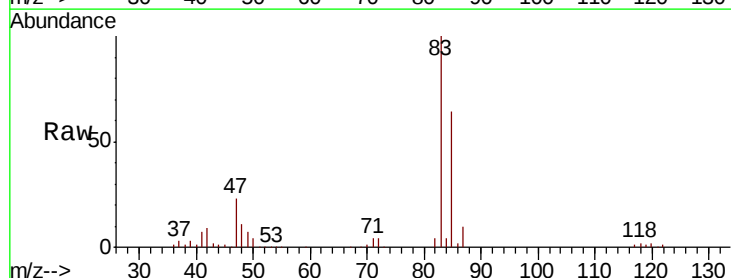
Manual Integrations
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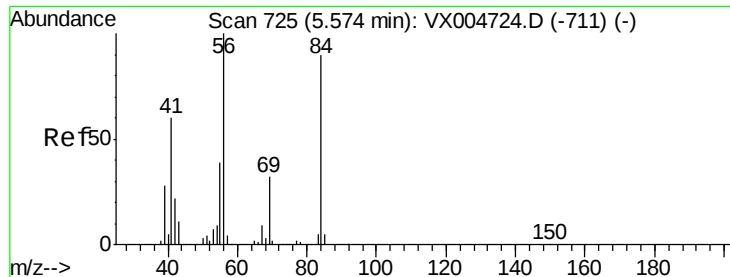
MMDadoda
10/10/2018 2:07:54 PM



#30
Chloroform
Concen: 22.429 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.4	78.6





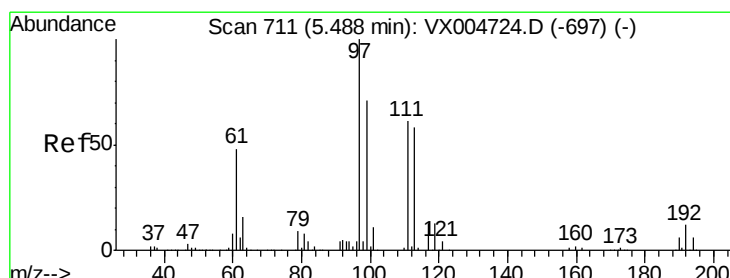
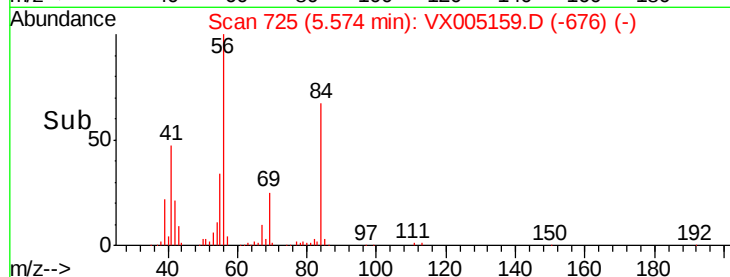
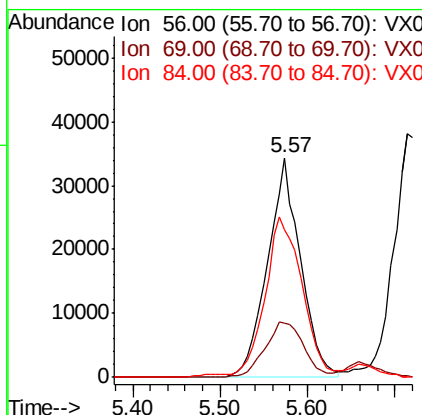
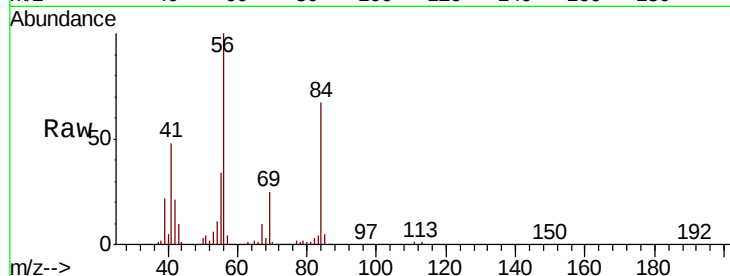
#31
Cyclohexane
Concen: 25.585 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	24.9	25.9	38.9#
84	67.0	71.9	107.9#

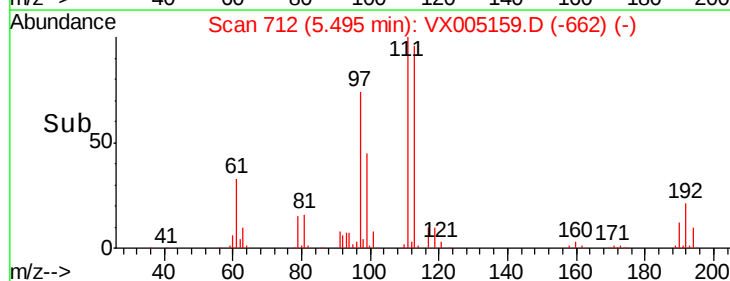
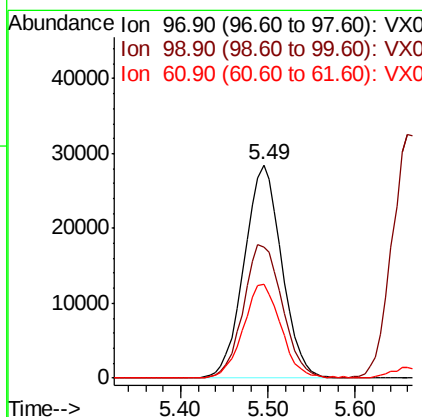
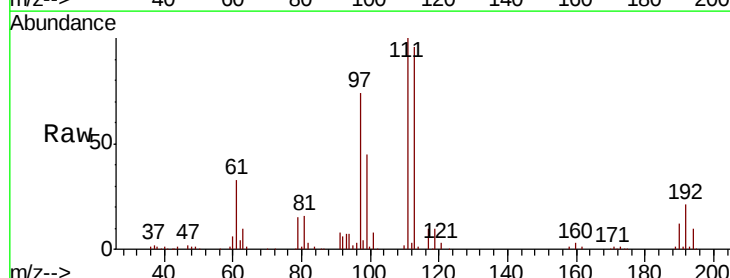
Manual Integrations
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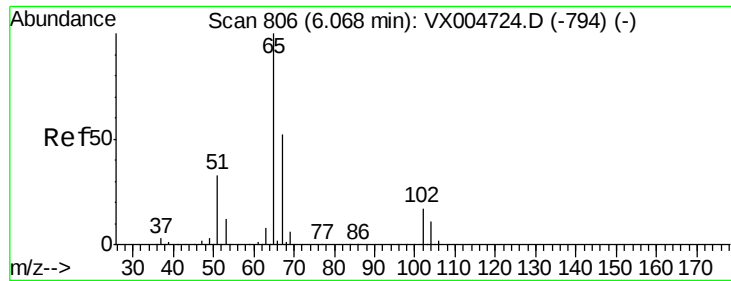
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#32
1,1,1-Trichloroethane
Concen: 23.830 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	54.6	82.0
61	44.5	37.5	56.3





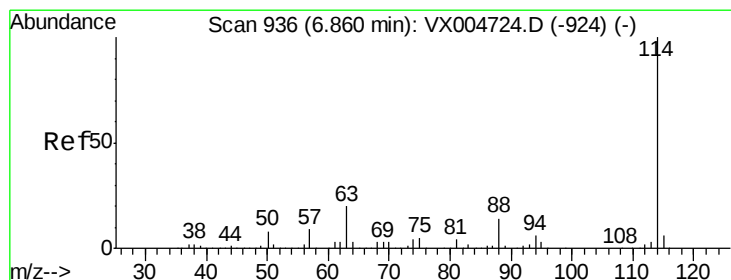
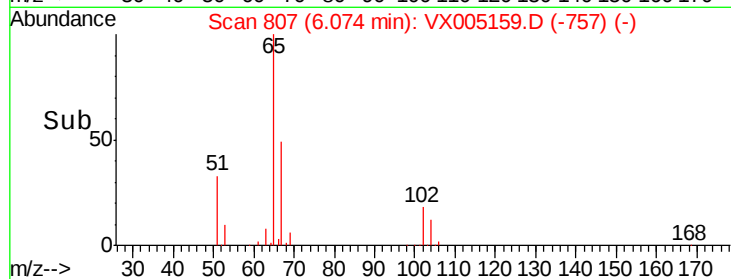
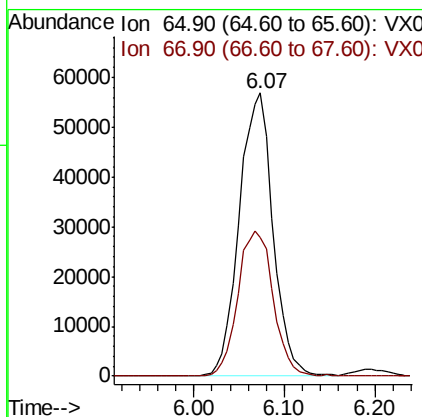
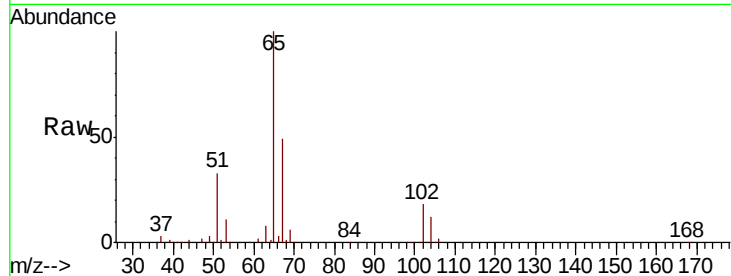
#33
 1,2-Dichloroethane-d4
 Concen: 52.679 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.4

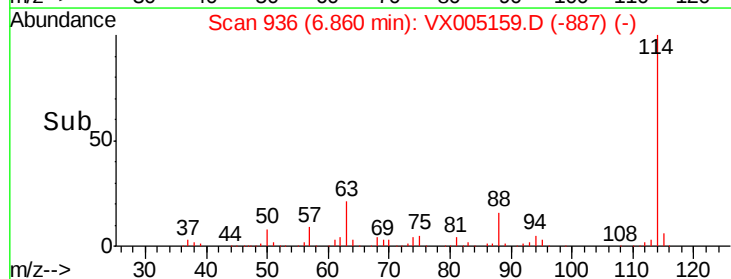
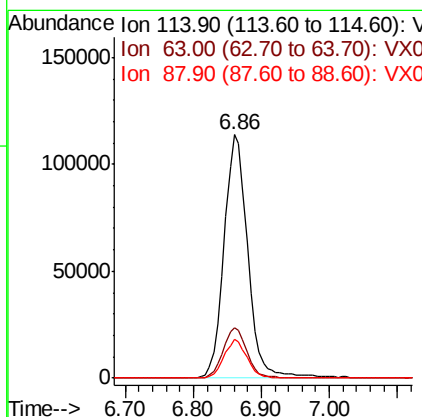
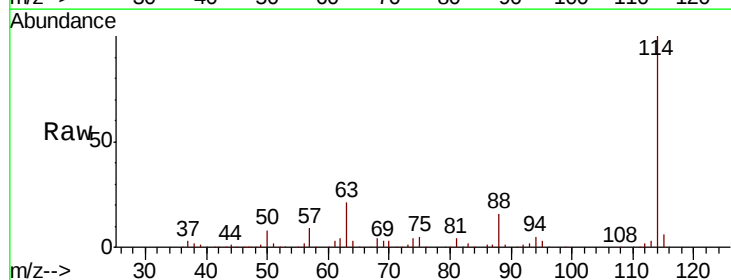
Manual Integrations
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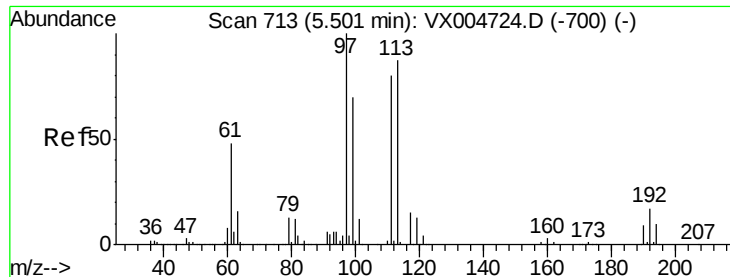
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.8
88	15.7	0.0	27.0





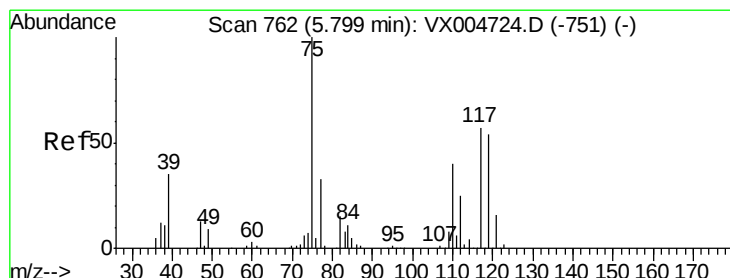
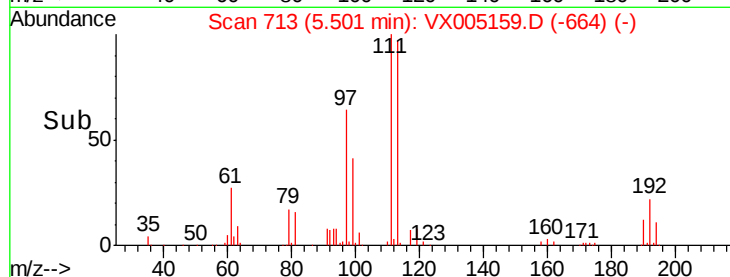
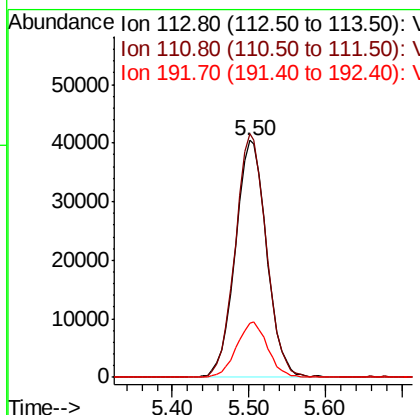
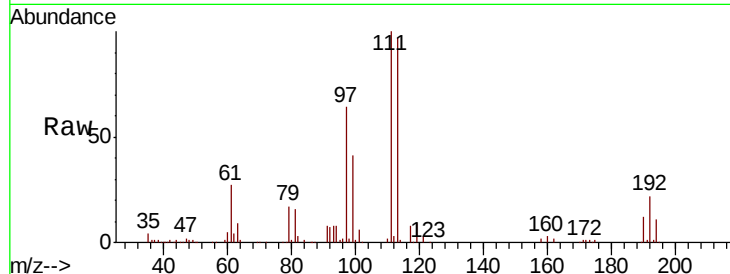
#35
 Dibromofluoromethane
 Concen: 49.035 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	77.0	115.4
192	23.1	17.0	25.6

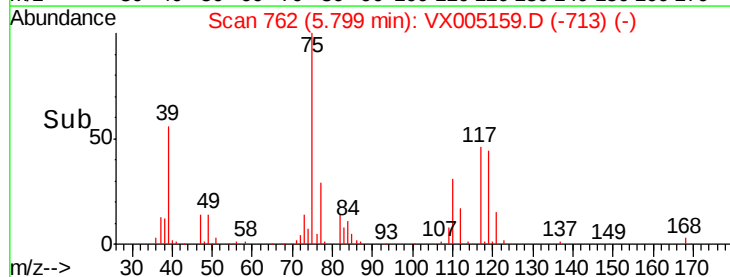
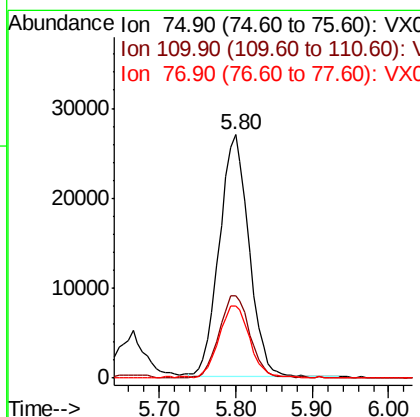
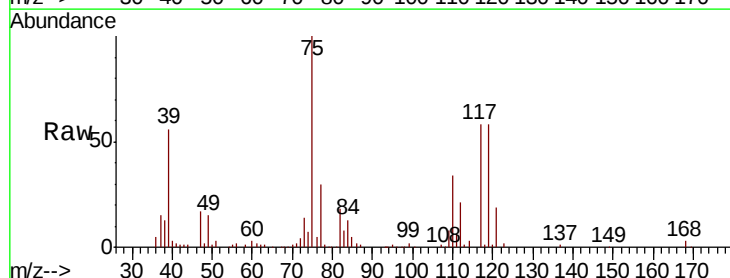
Manual Integrations
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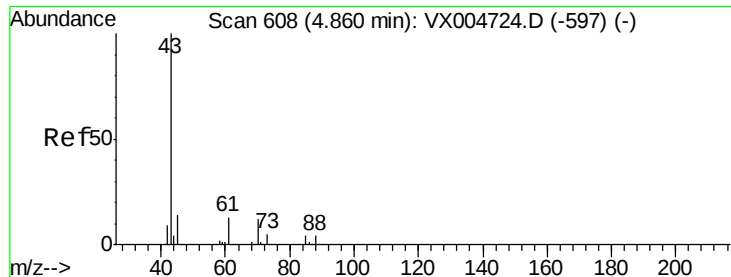
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#36
 1,1-Dichloropropene
 Concen: 22.769 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	20.0	59.9
77	30.2	27.1	40.7





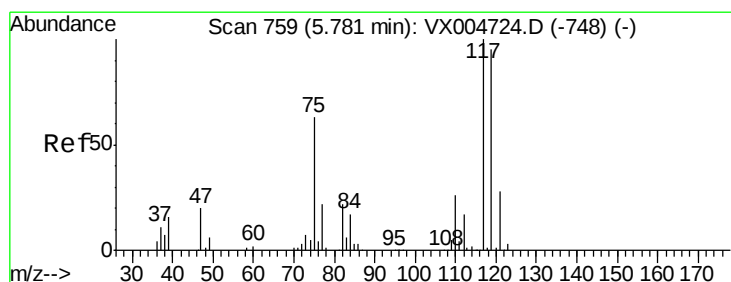
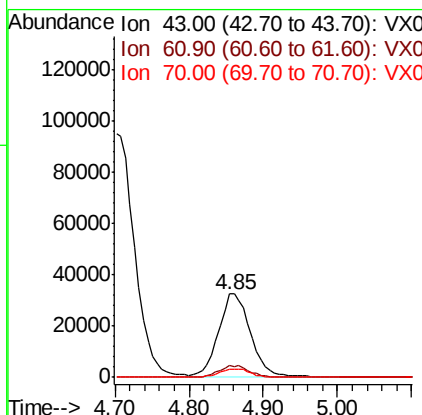
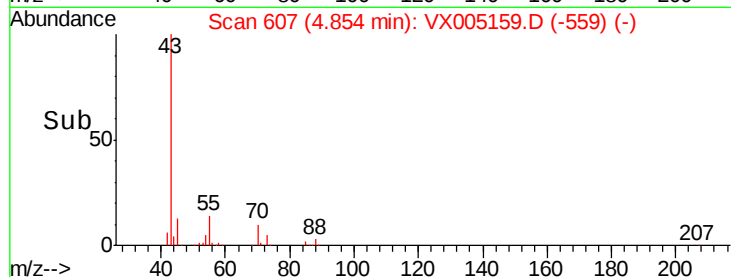
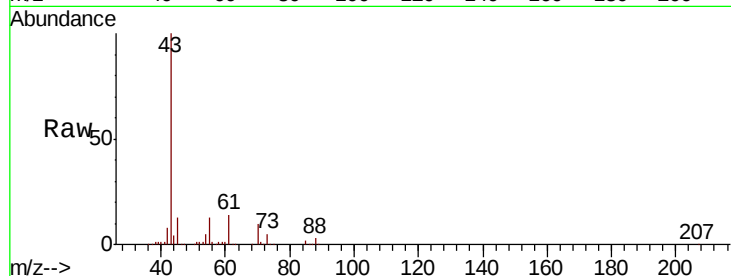
#37
Ethyl Acetate
Concen: 22.859 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	10.0	8.7	13.1

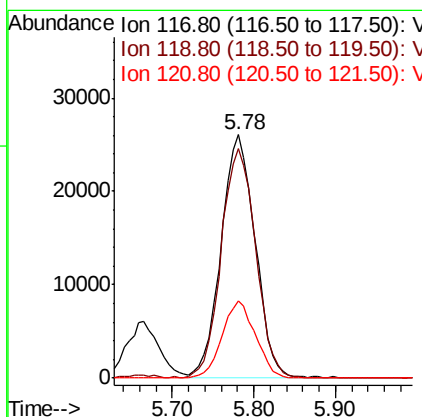
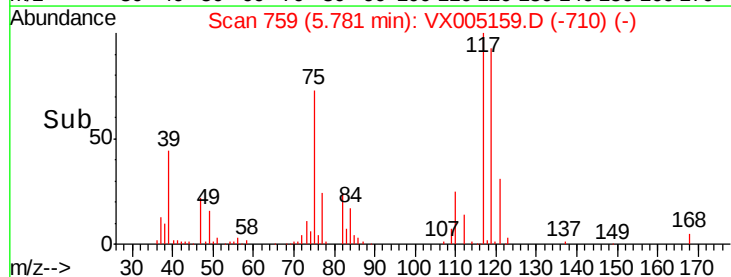
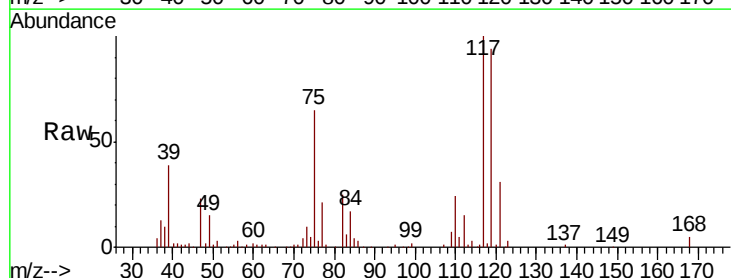
Manual Integrations
APPROVED

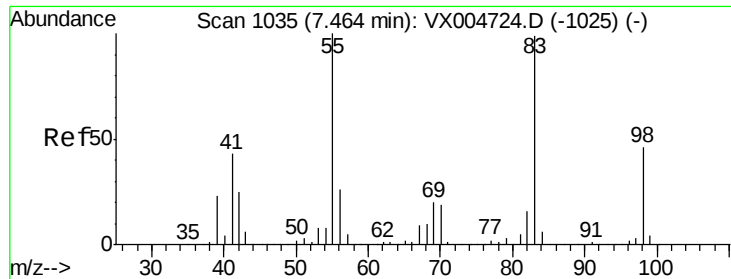
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#38
Carbon Tetrachloride
Concen: 22.461 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.2	112.8
121	31.5	22.5	33.7





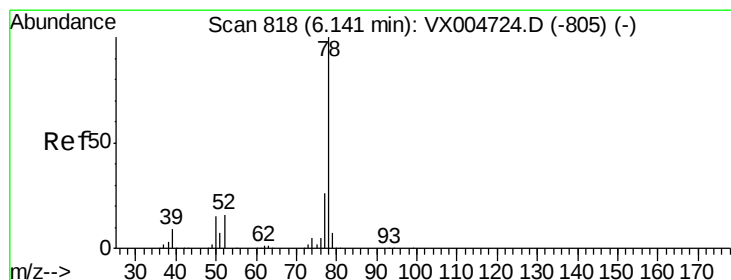
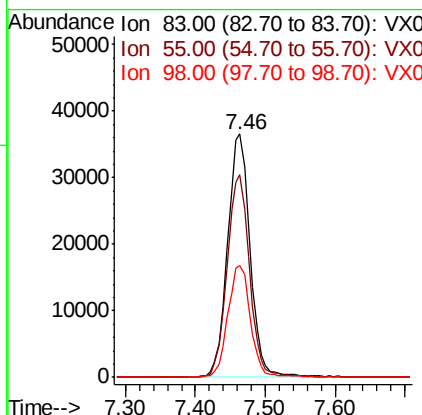
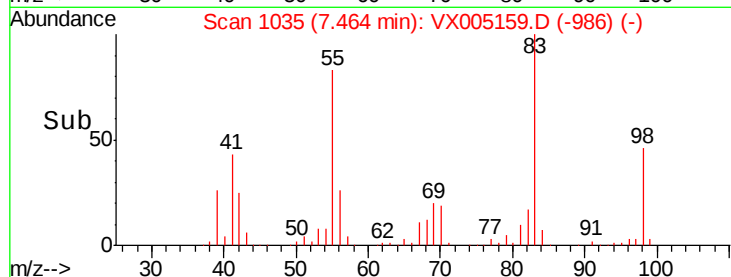
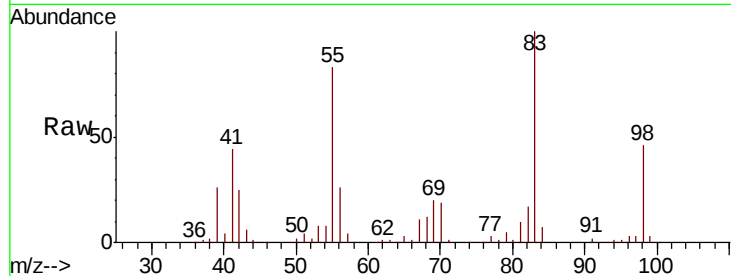
#39
Methvlcvclohexane
Concen: 25.202 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.5	81.1	121.7
98	45.7	37.3	55.9

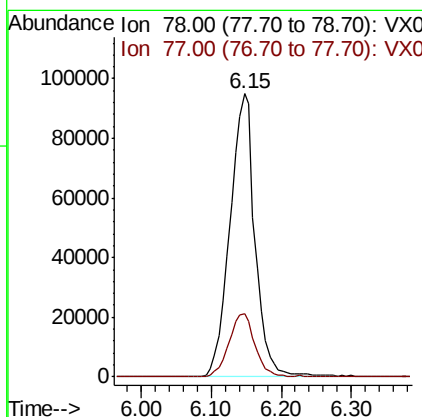
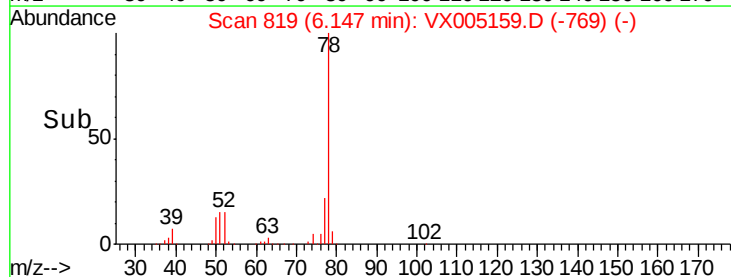
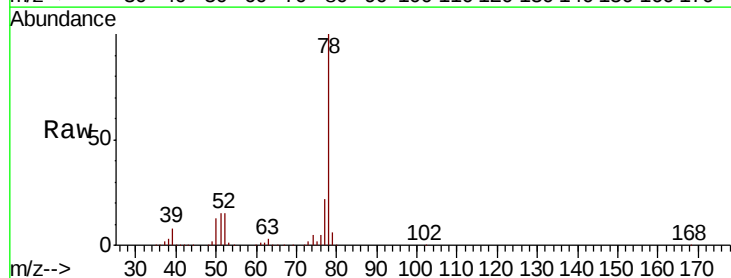
Manual Integrations
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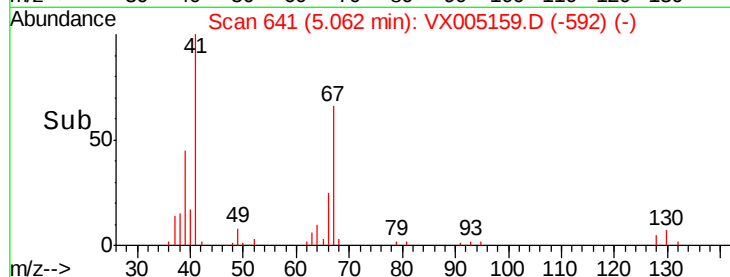
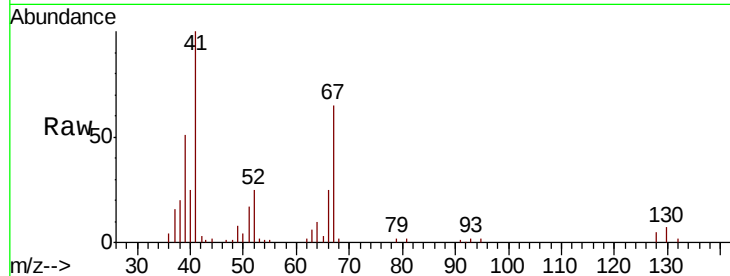
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#40
Benzene
Concen: 23.783 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	21.0	31.4





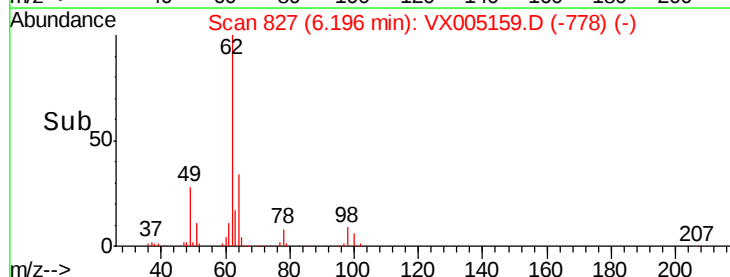
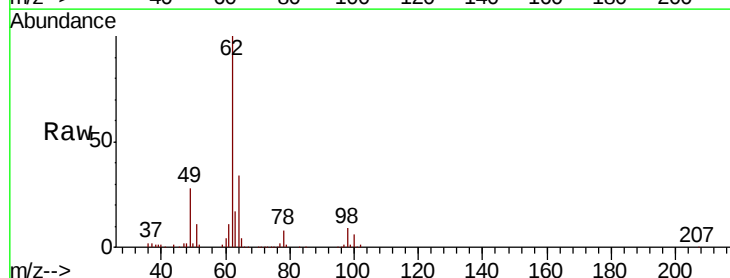
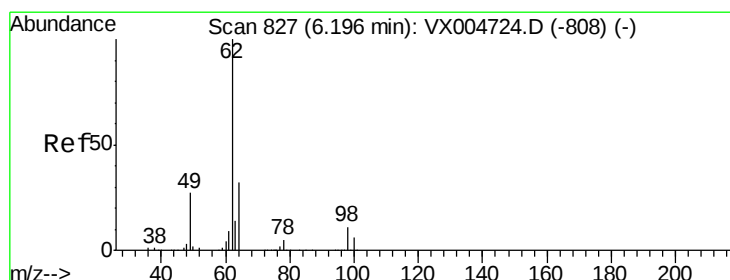
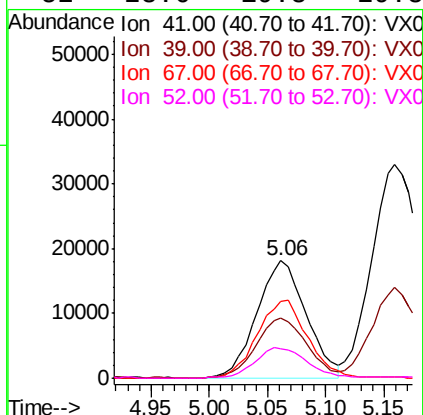
#41
Methacrylonitrile
Concen: 22.562 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	42.5	63.7	
67	68.5	53.0	79.6	
52	28.6	19.8	29.8	

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

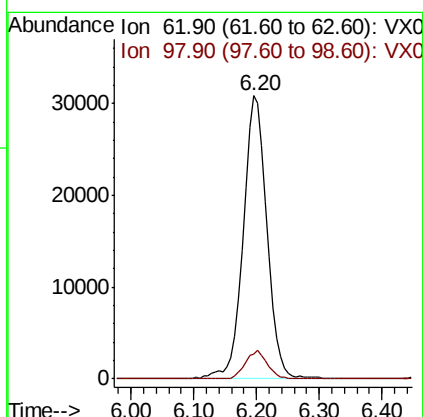
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 22.861 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	20.2	





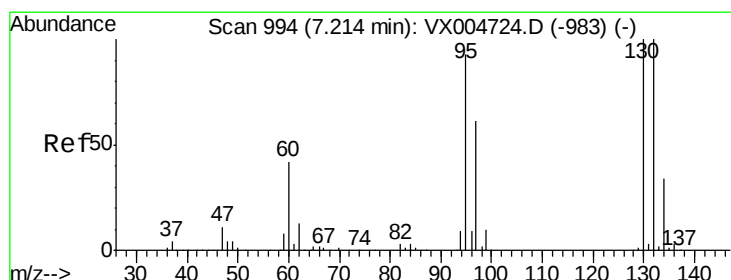
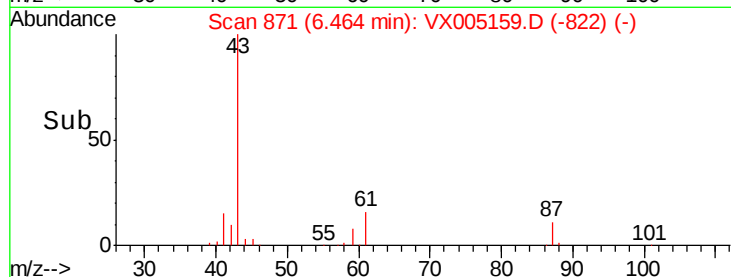
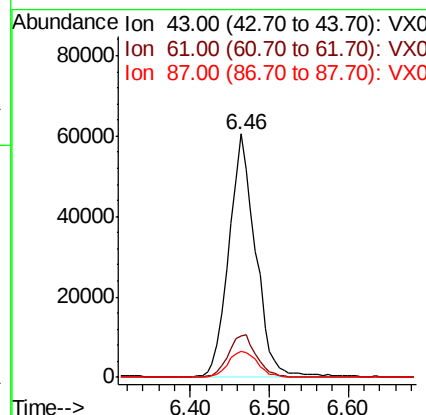
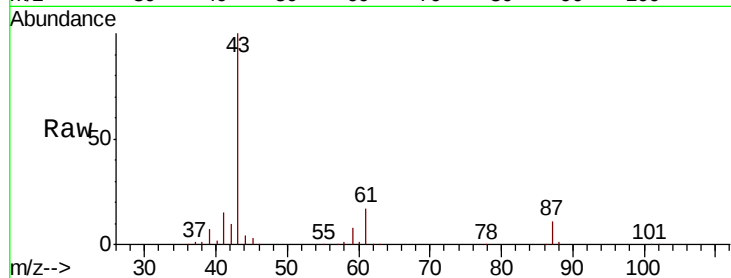
#43
Isopropyl Acetate
Concen: 23.085 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.2	21.4
87	12.0	9.3	13.9

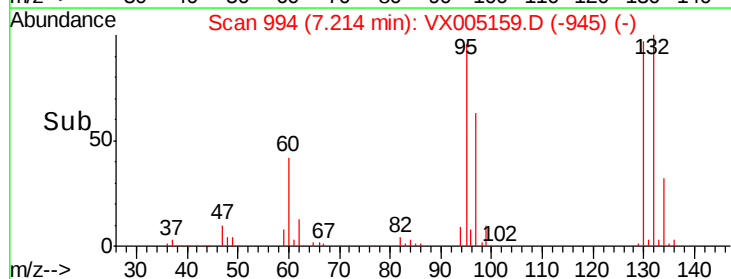
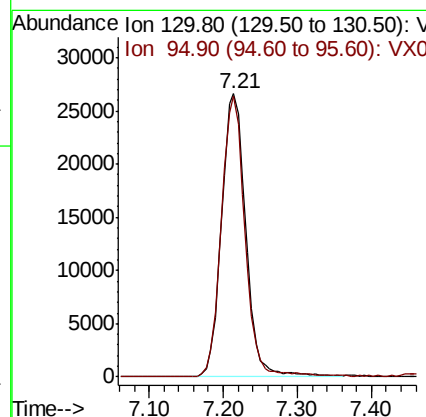
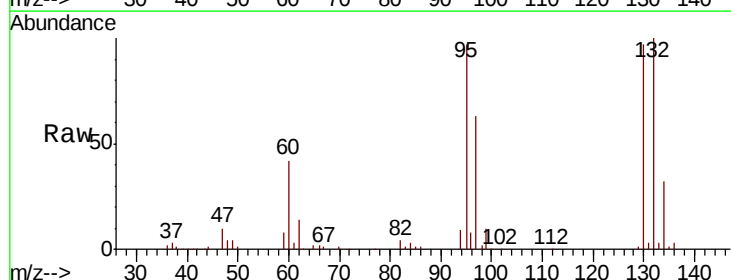
Manual Integrations
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#44
Trichloroethene
Concen: 24.472 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	186.8





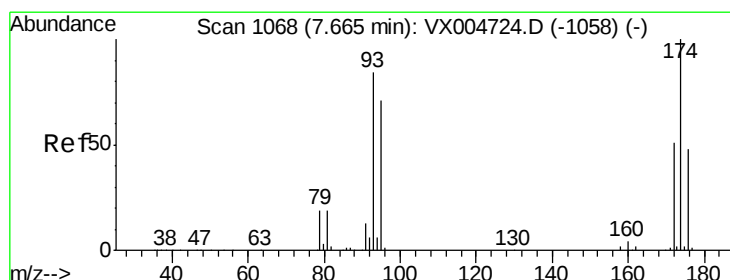
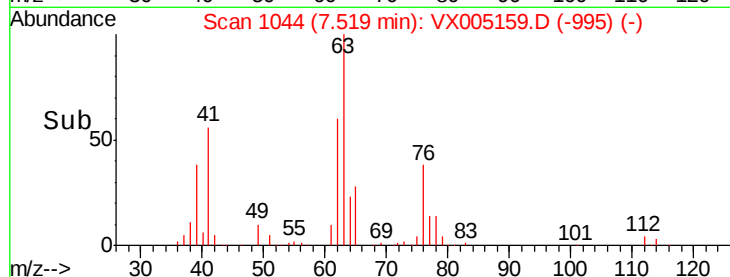
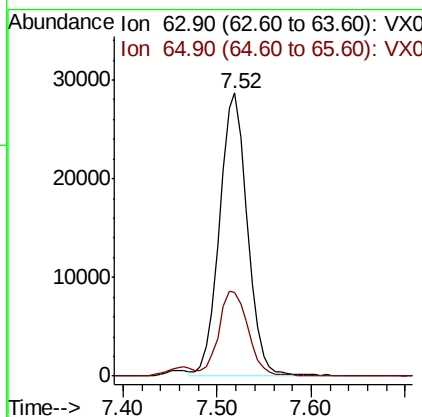
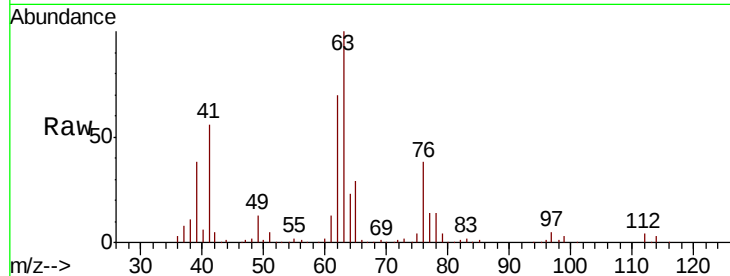
#45
 1,2-Dichloropropane
 Concen: 24.113 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Tot Ion: 63 Resp: 59070
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.9 35.9

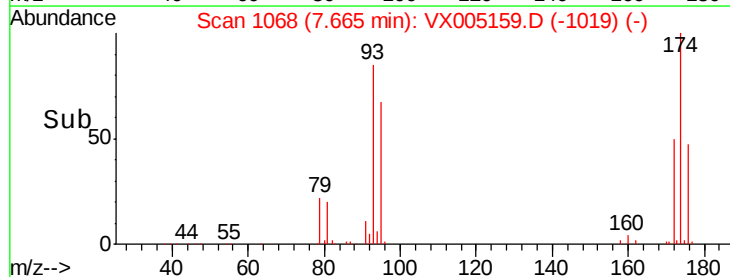
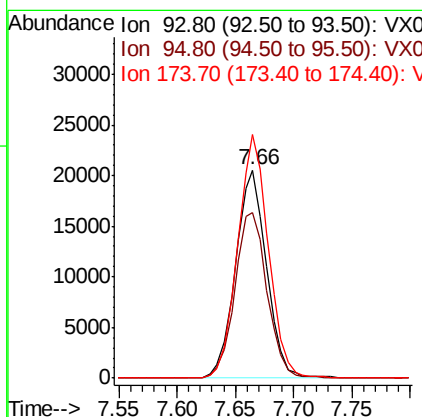
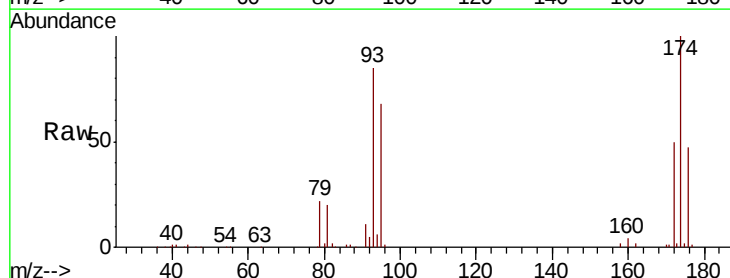
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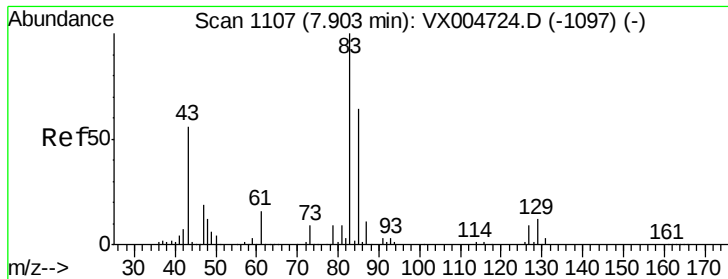
MMDadoda
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#46
 Dibromomethane
 Concen: 24.648 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Tgt Ion: 93 Resp: 37947
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 116.0 92.7 139.1





#47

Bromodichloromethane

Concen: 25.097 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

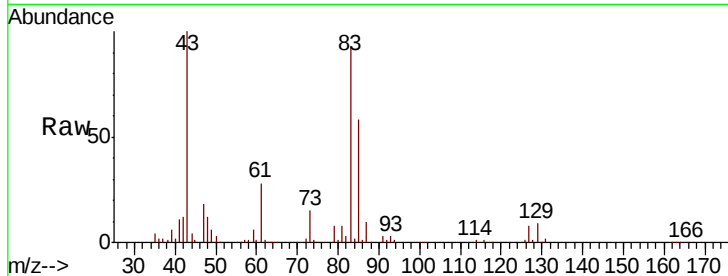
ClientSampleId :

VX1009MBS01

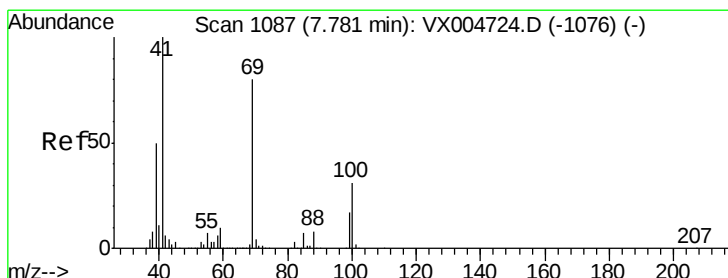
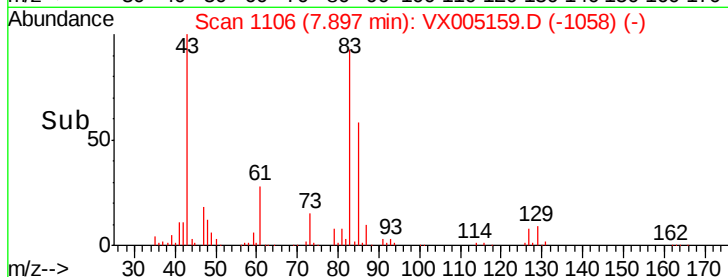
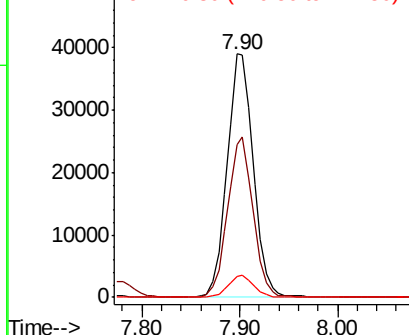
Tot Ion:	83	Resp:	72343
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.2	76.8
127	8.7	7.0	10.6

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 26.021 ug/l

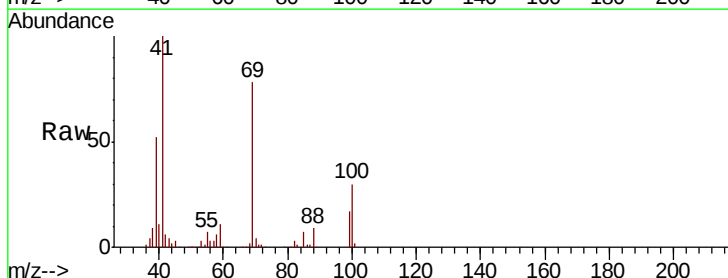
RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

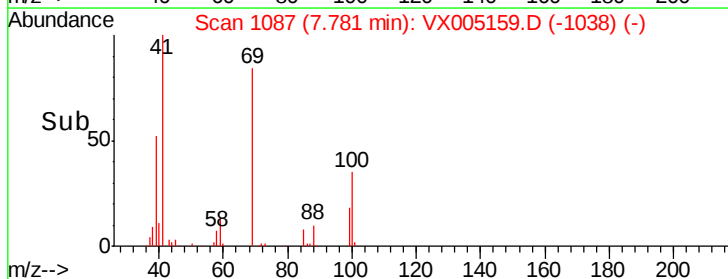
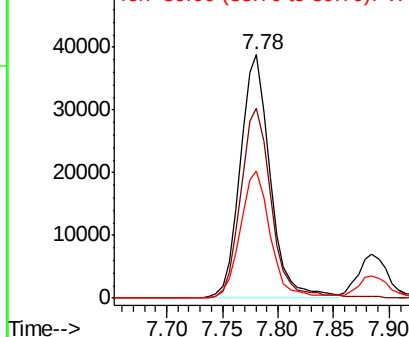
Lab File: VX005159.D

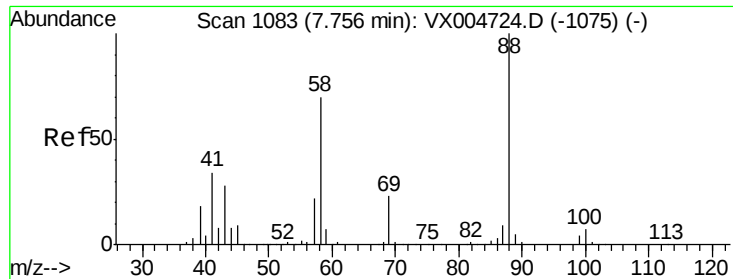
Acq: 09 Oct 2018 15:21

Tgt Ion:	41	Resp:	72202
Ion	Ratio	Lower	Upper
41	100		
69	80.3	63.8	95.6
39	52.8	40.7	61.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





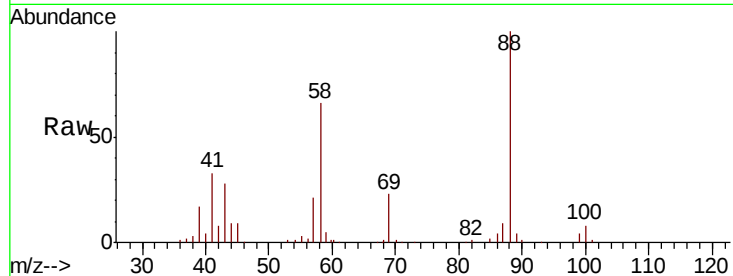
#49
1,4-Dioxane
Concen: 491.659 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	25.1	37.7
58	73.4	56.2	84.2

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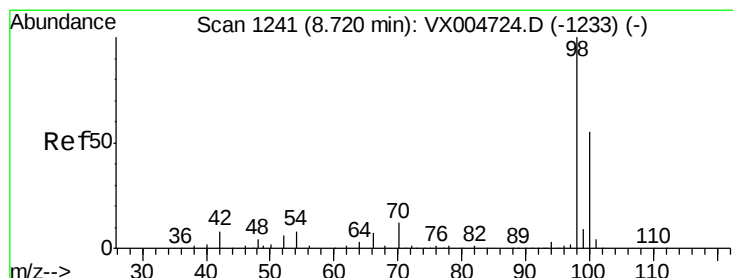
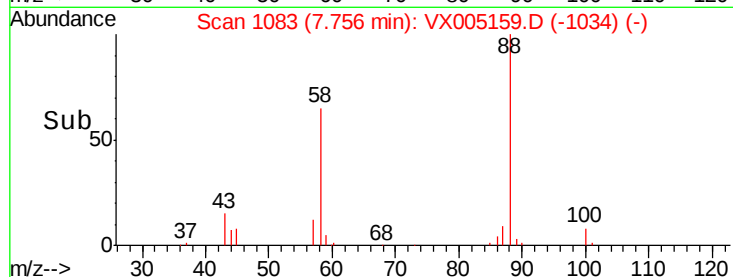
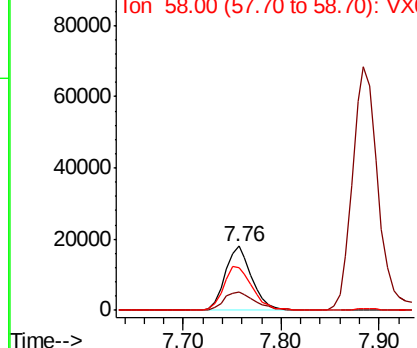


Abundance

Ion 88.00 (87.70 to 88.70): VX0

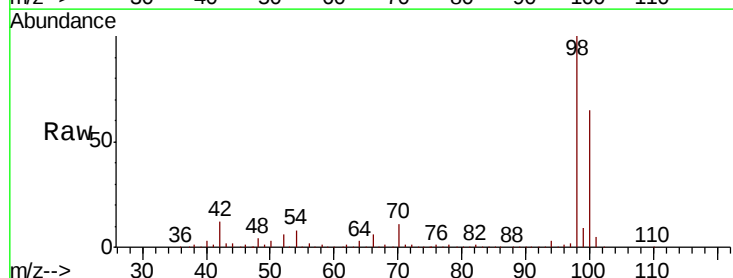
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 54.270 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

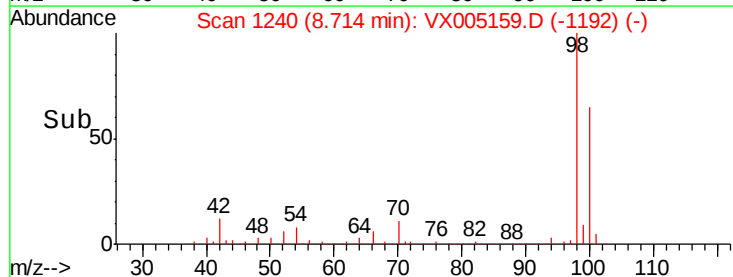
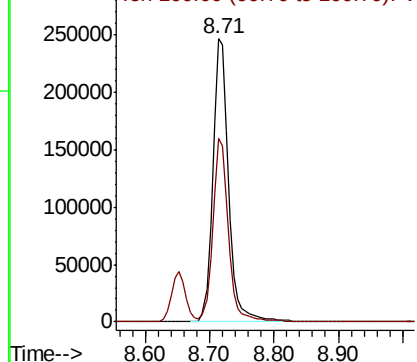
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





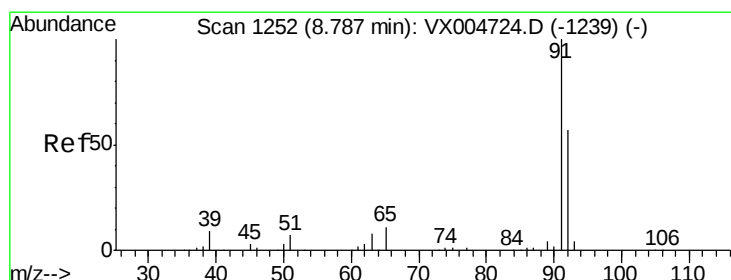
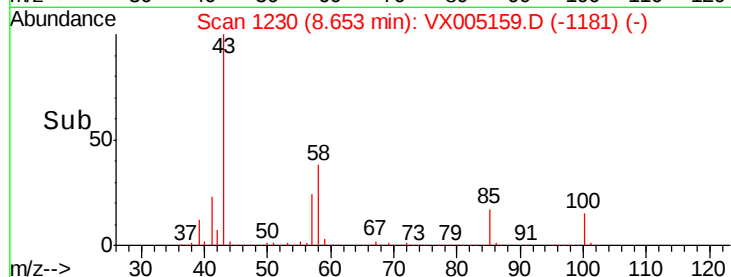
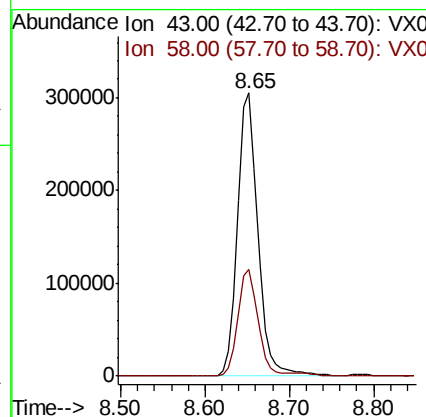
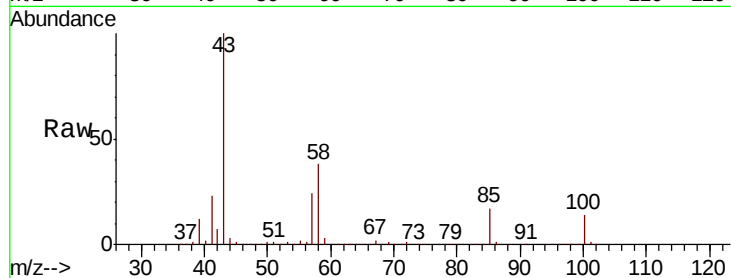
#51
4-Methyl-2-Pentanone
Concen: 130.464 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.2	30.5	45.7

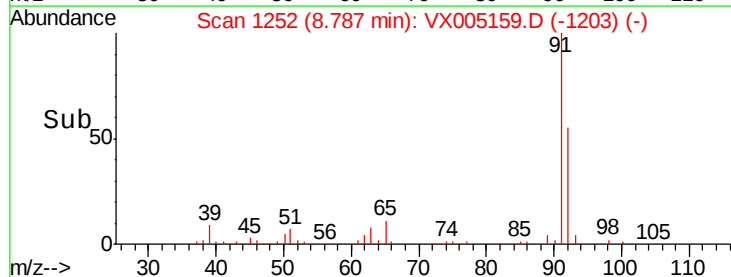
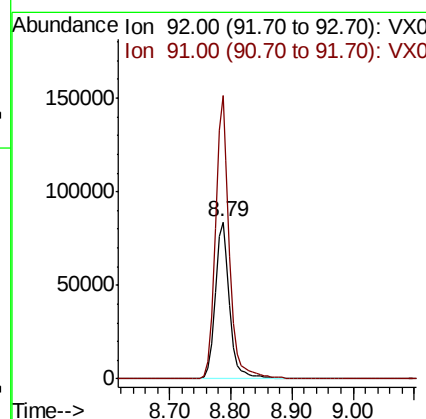
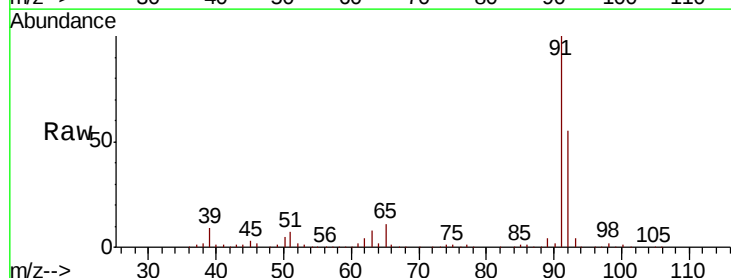
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#52
Toluene
Concen: 25.550 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.6	136.7	205.1





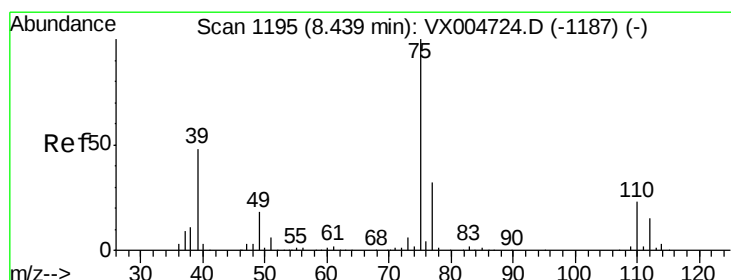
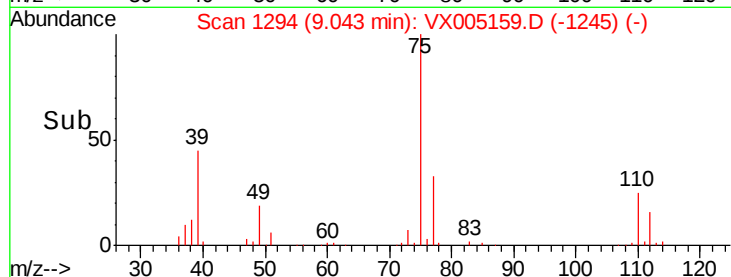
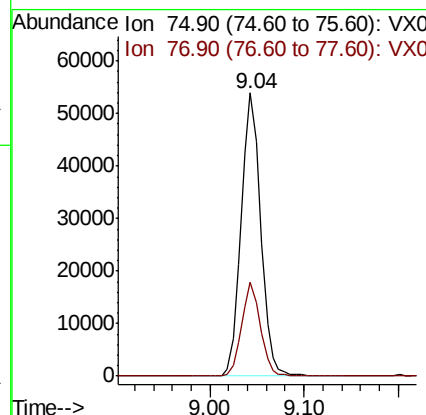
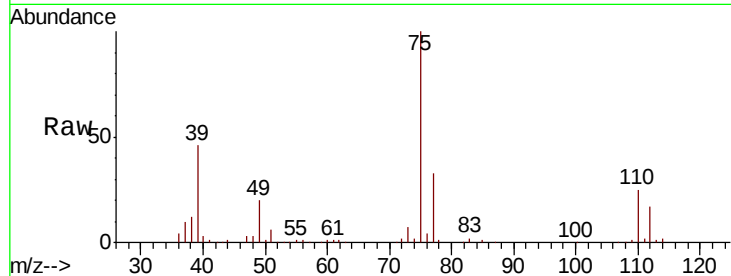
#53
t-1,3-Dichloropropene
Concen: 23.970 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion: 75 Resp: 78078
Ion Ratio Lower Upper
75 100
77 33.4 28.9 43.3

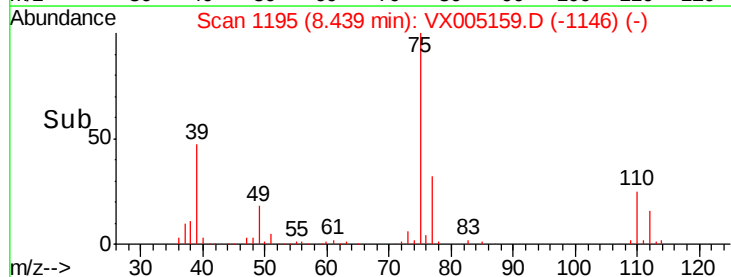
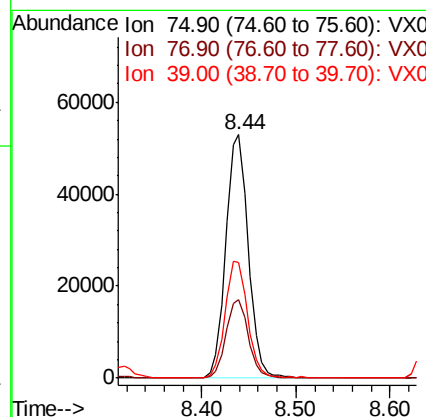
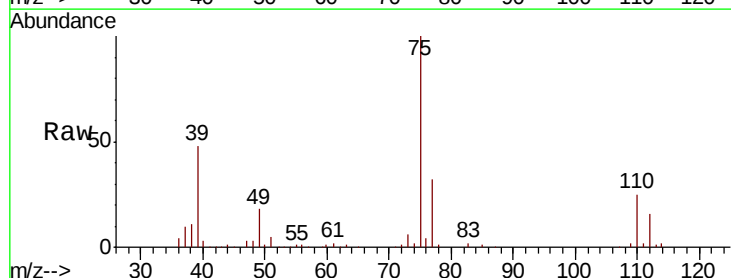
Manual Integrations
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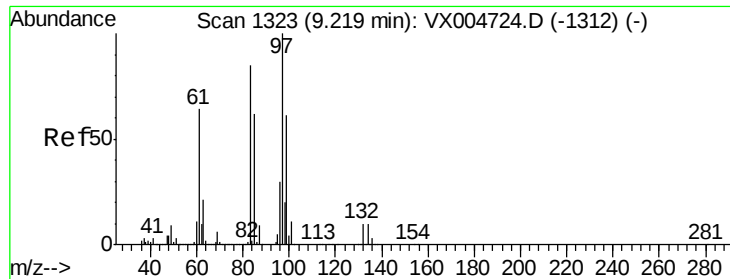
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#54
cis-1,3-Dichloropropene
Concen: 25.668 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion: 75 Resp: 87575
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
39 47.3 38.3 57.5





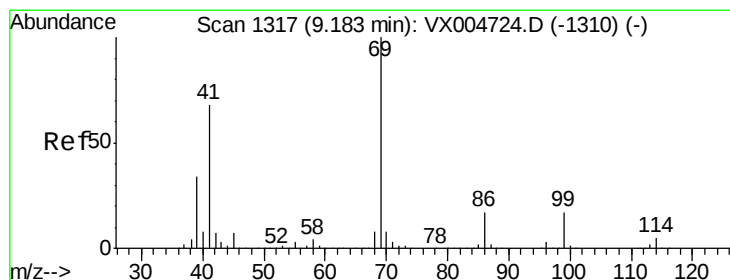
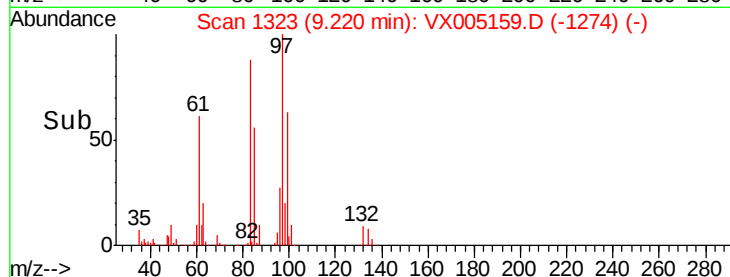
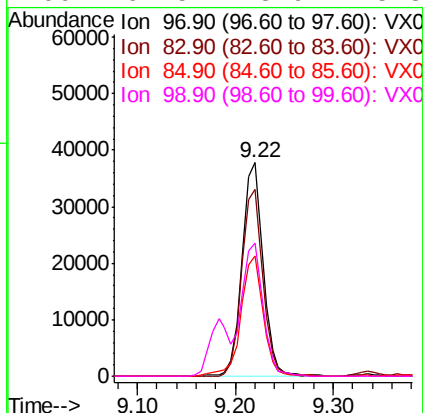
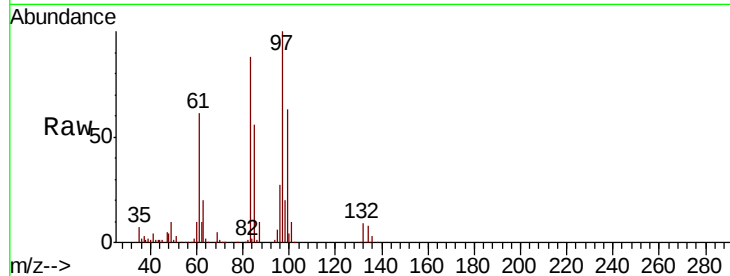
#55
1,1,2-Trichloroethane
Concen: 23.641 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion:	97	Resp:	56843
Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.2	102.2
85	56.1	49.9	74.9
99	62.5	48.9	73.3

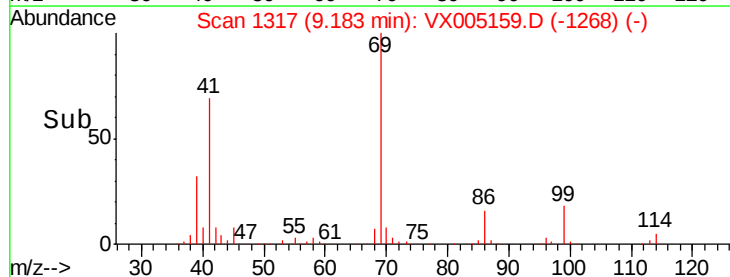
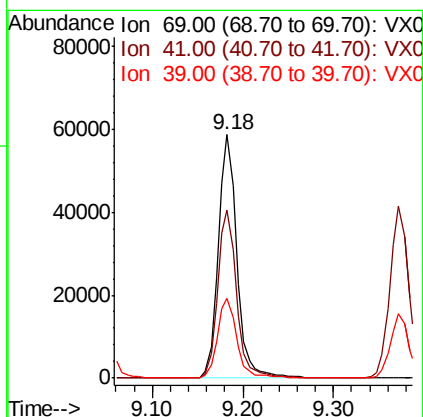
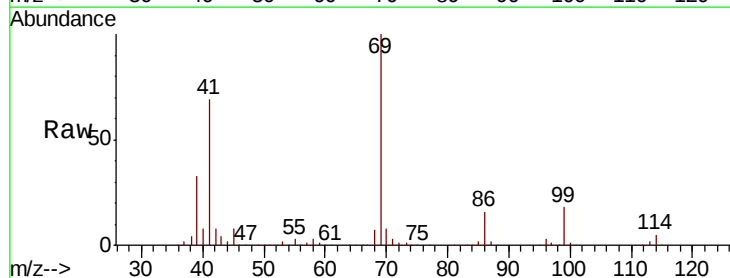
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#56
Ethyl methacrylate
Concen: 23.329 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion:	69	Resp:	84704
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.9	85.3
39	34.0	28.4	42.6





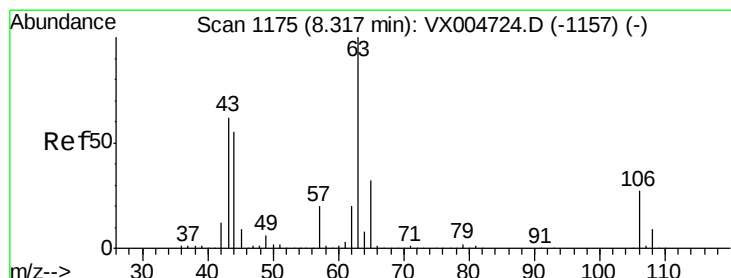
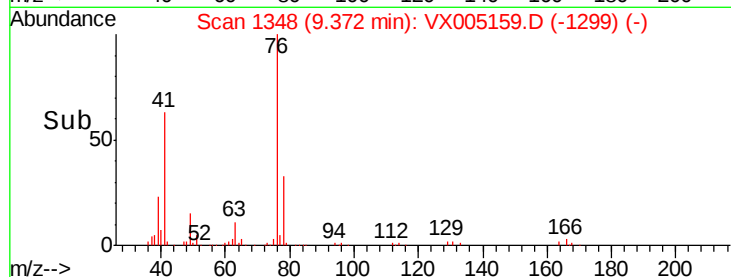
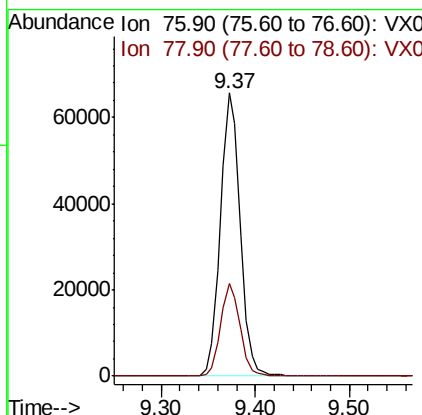
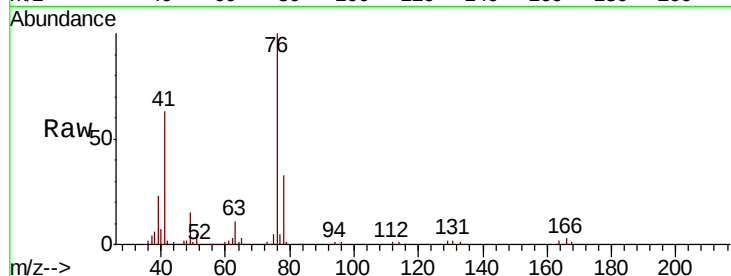
#57
 1,3-Dichloropropane
 Concen: 23.932 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.6	40.0

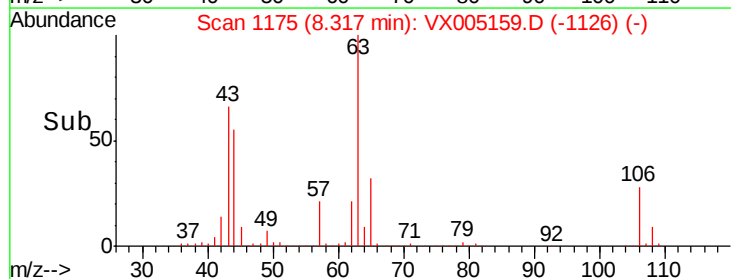
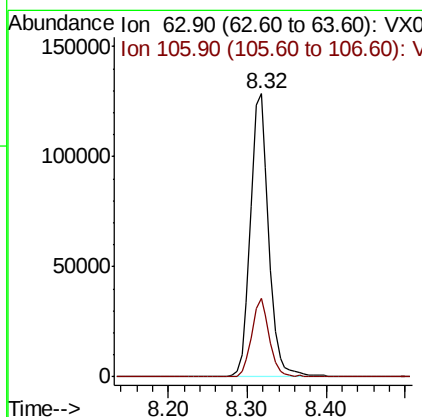
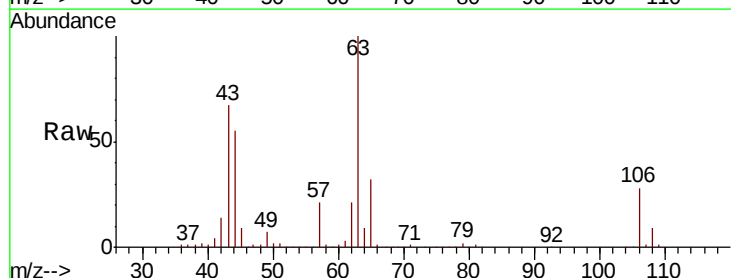
Manual Integrations
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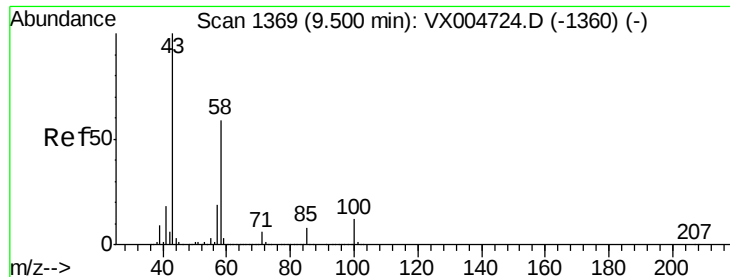
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#58
 2-Chloroethyl Vinyl ether
 Concen: 108.919 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.8	21.0	31.6





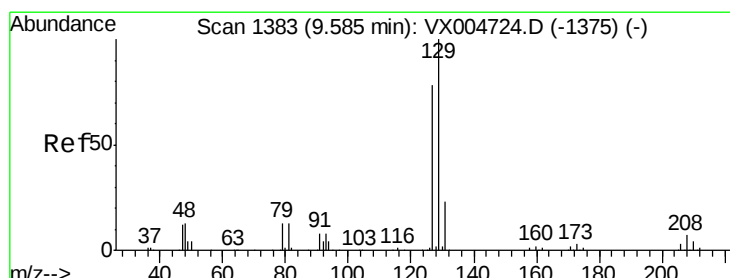
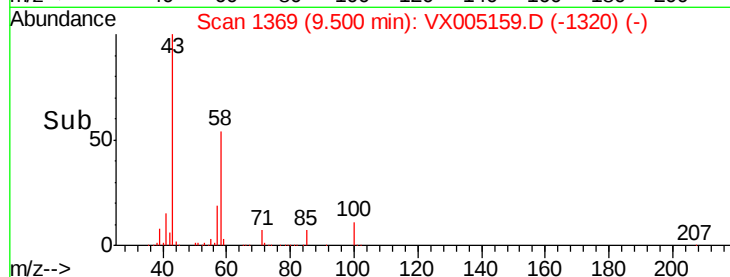
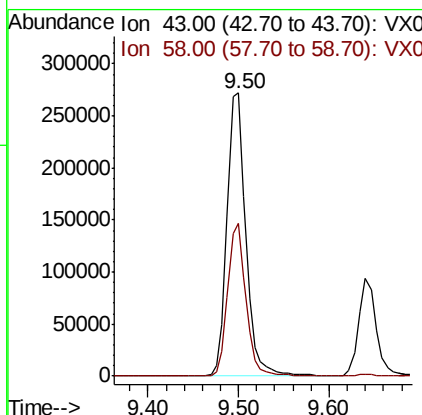
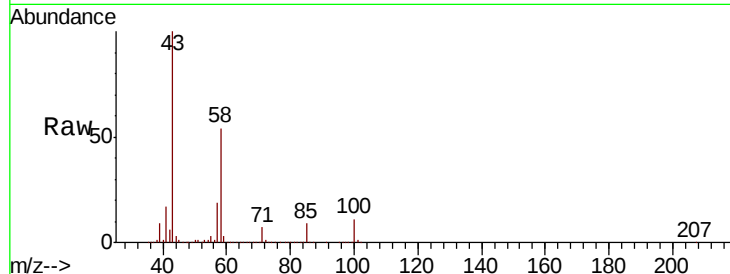
#59
2-Hexanone
Concen: 122.814 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion: 43 Resp: 393944
Ion Ratio Lower Upper
43 100
58 52.7 28.4 85.3

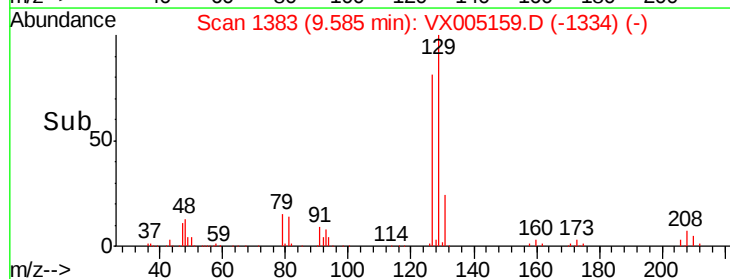
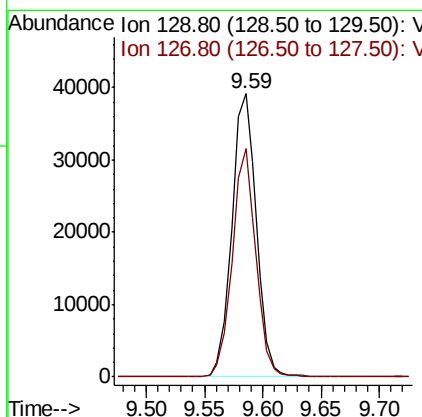
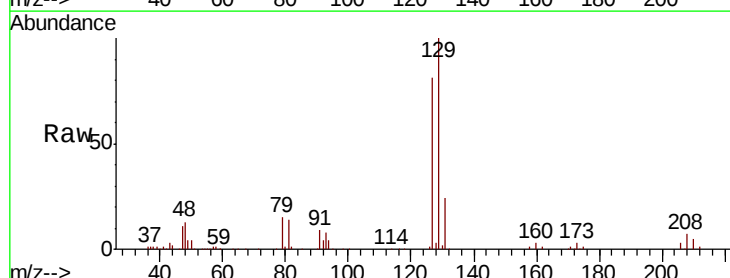
Manual Integrations
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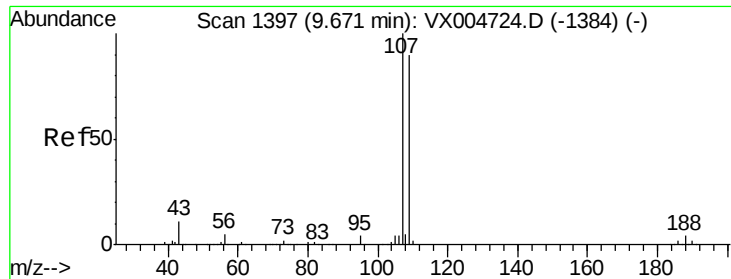
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#60
Dibromochloromethane
Concen: 23.907 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion: 129 Resp: 57486
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





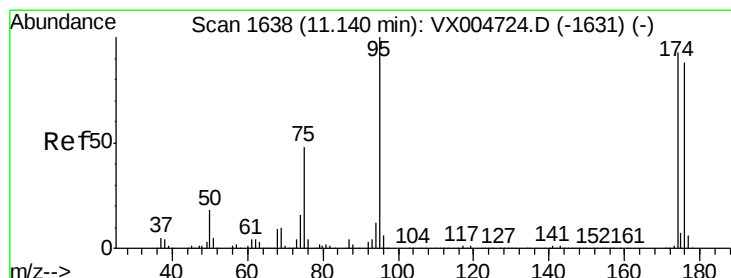
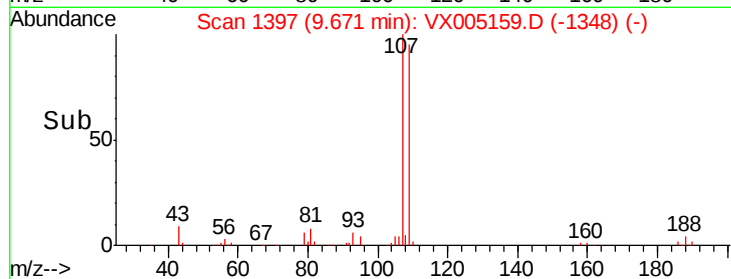
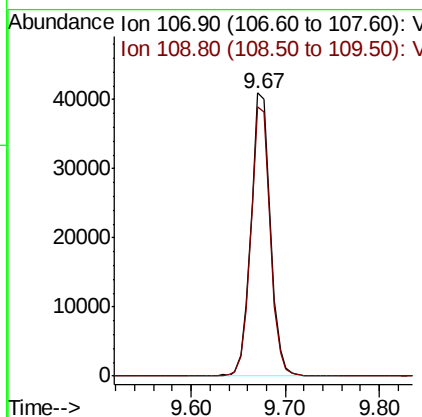
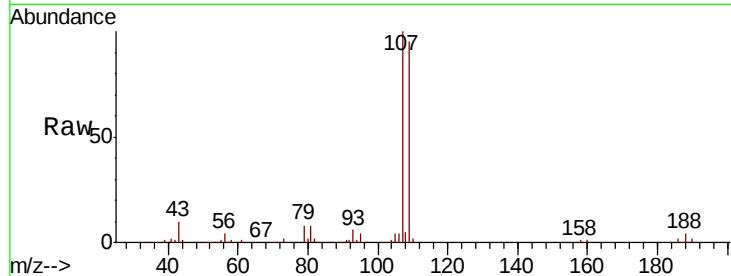
#61
 1,2-Dibromoethane
 Concen: 23.133 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	72.1	108.1

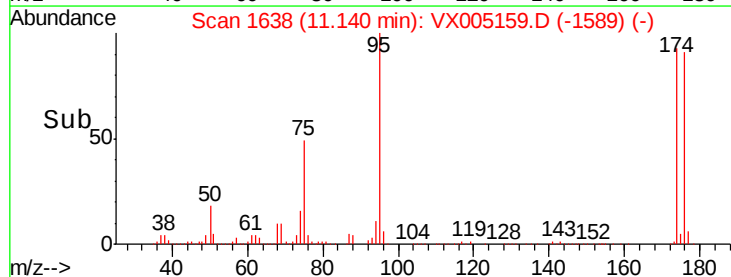
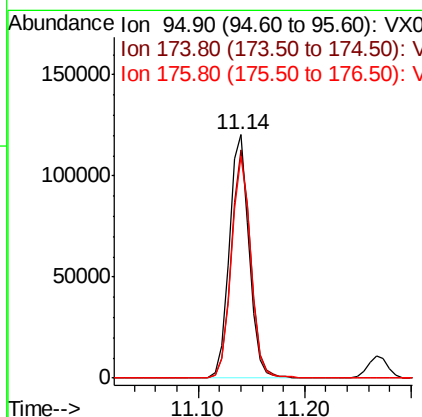
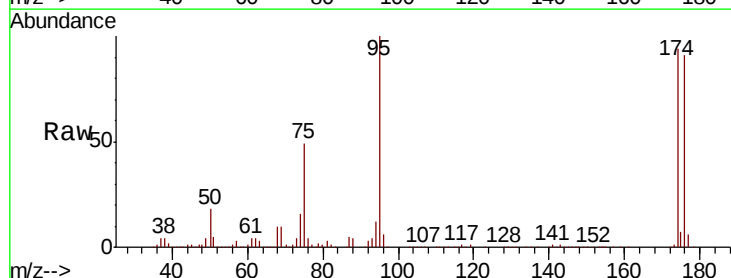
Manual Integrations
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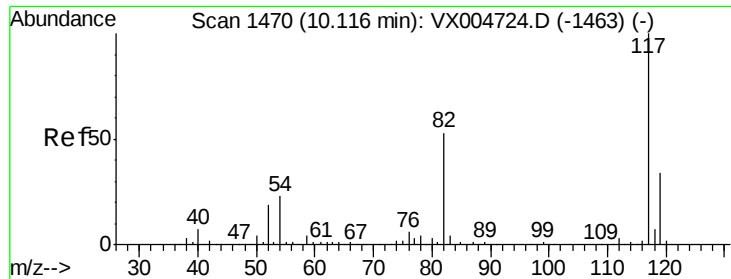
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 56.178 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	185.0
176	89.5	0.0	180.2





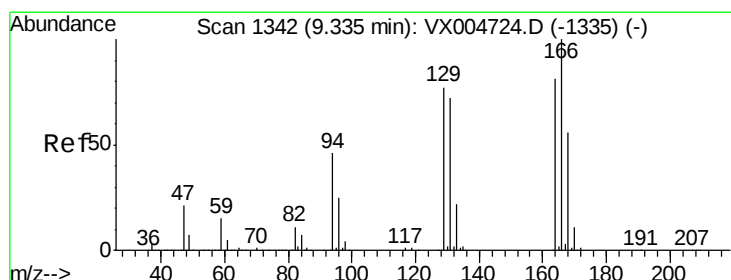
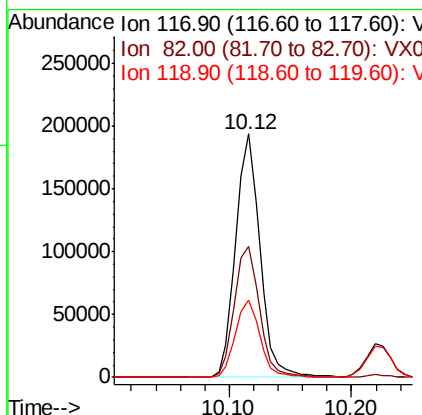
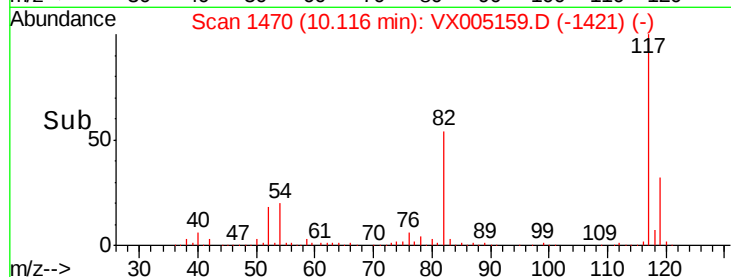
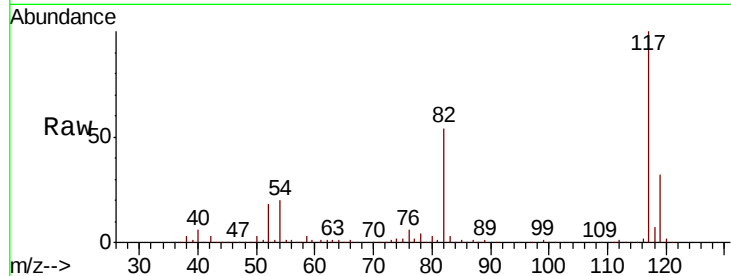
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.2	63.4
119	31.9	27.4	41.0

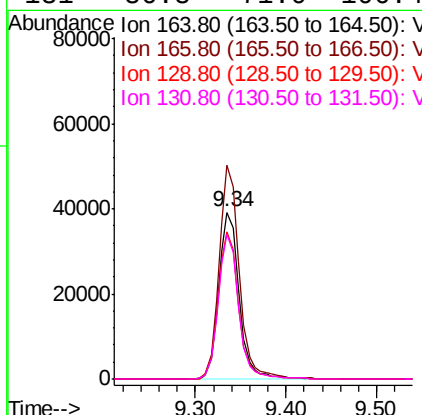
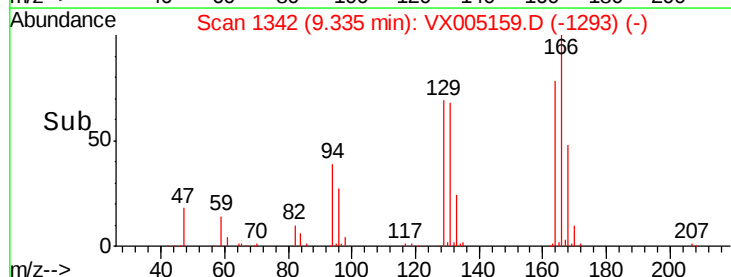
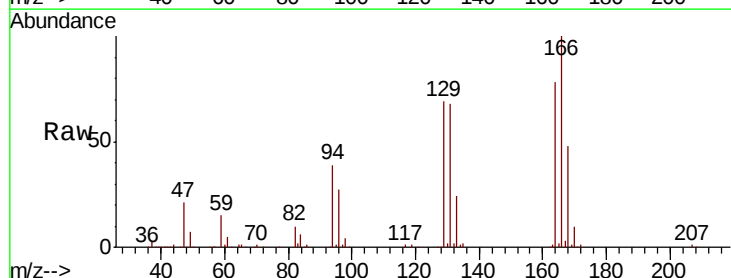
Manual Integrations
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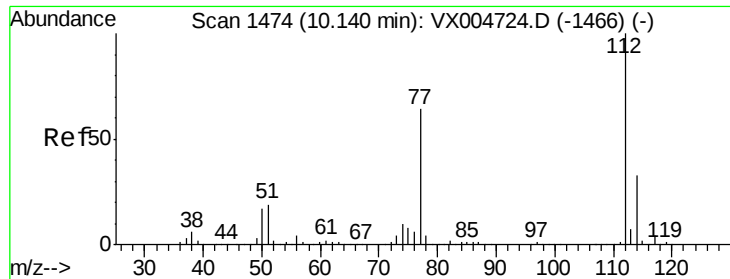
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#64
Tetrachloroethene
Concen: 23.472 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	98.4	147.6
129	88.1	76.1	114.1
131	86.8	71.0	106.4





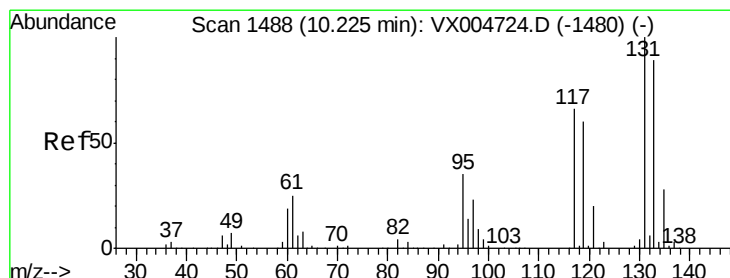
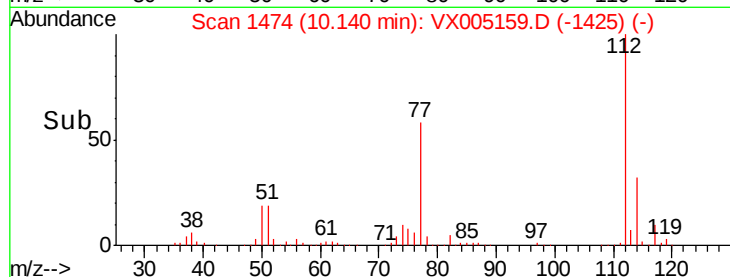
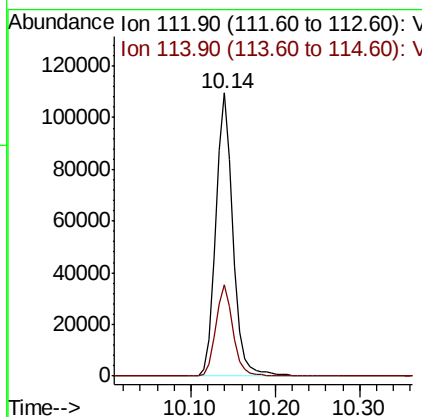
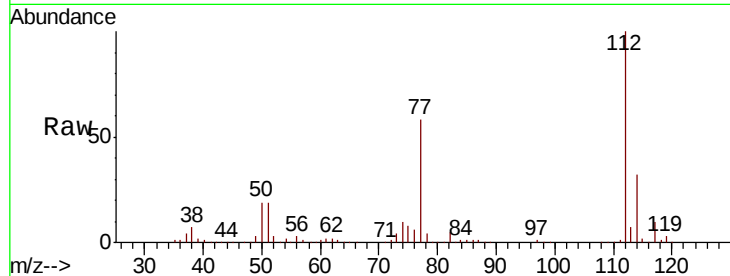
#65
Chlorobenzene
Concen: 22.665 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion:112 Resp: 155225
Ion Ratio Lower Upper
112 100
114 32.1 26.7 40.1

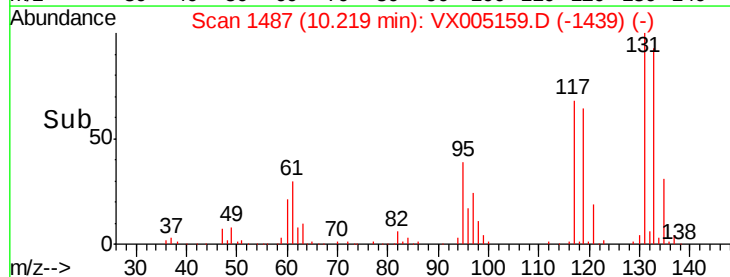
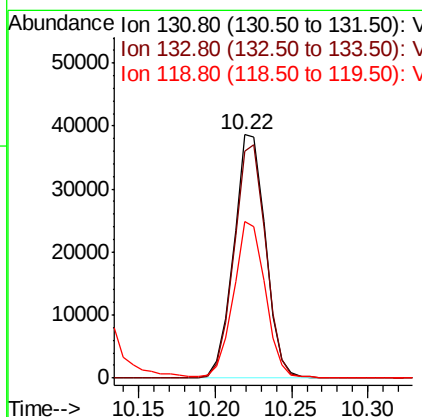
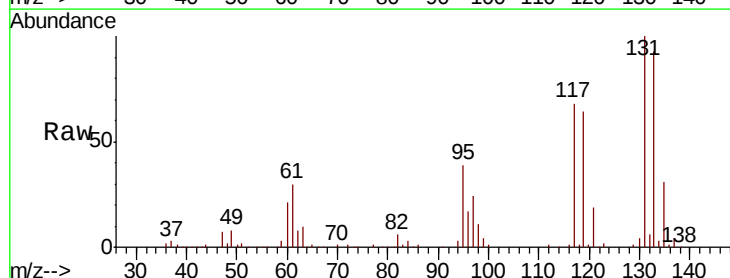
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.091 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion:131 Resp: 55596
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.0
119 64.3 32.3 96.8





#67

Ethyl Benzene

Concen: 23.640 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009MBS01

Tot Ion: 91 Resp: 257033

Ion Ratio Lower Upper

91 100

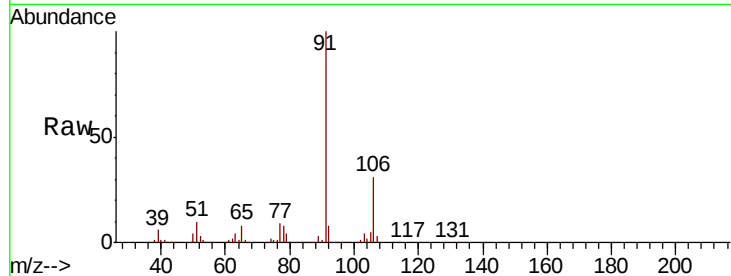
106 30.7 26.9 40.3

Manual Integrations

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

Ion 106.00 (105.70 to 106.70): VX004724.D (-1485) (-)

300000

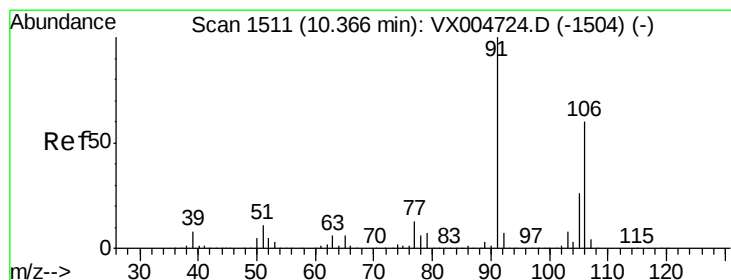
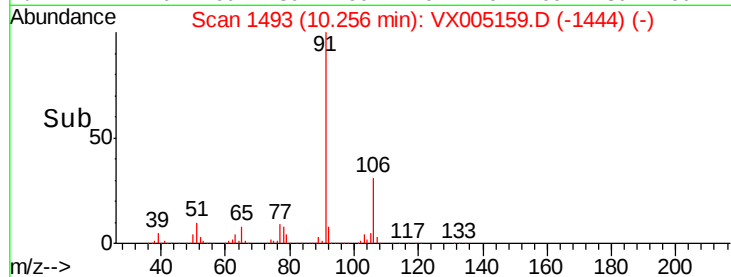
200000

100000

0

10.20 10.26 10.30

Time-->



#68

m/p-Xylenes

Concen: 47.760 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005159.D

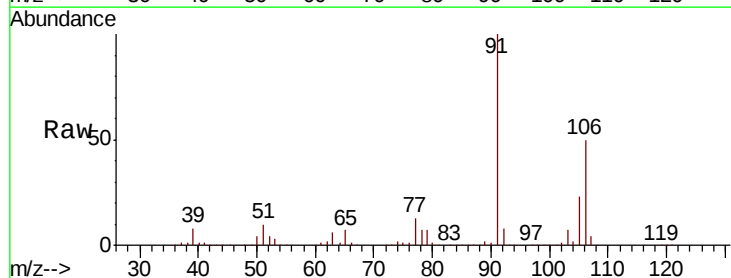
Acq: 09 Oct 2018 15:21

Tgt Ion: 106 Resp: 202926

Ion Ratio Lower Upper

106 100

91 203.8 157.5 236.3



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

Ion 91.00 (90.70 to 91.70): VX004724.D (-1504) (-)

300000

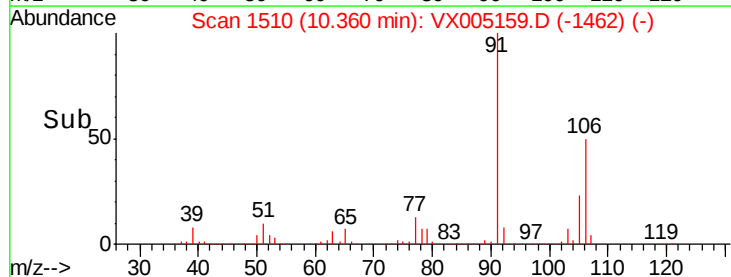
200000

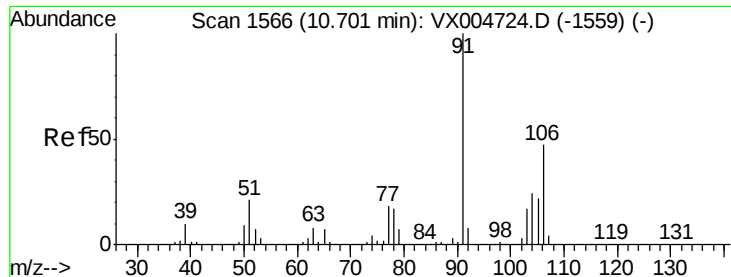
100000

0

10.30 10.36 10.40 10.50

Time-->





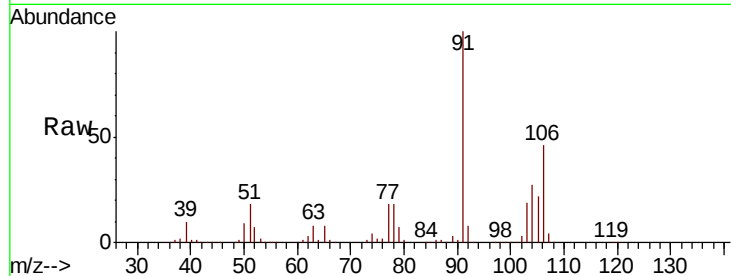
#69
o-Xylene
Concen: 24.460 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

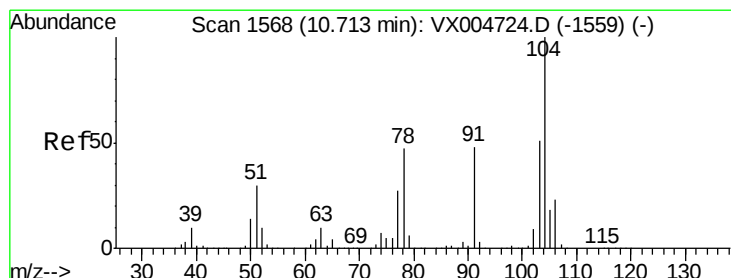
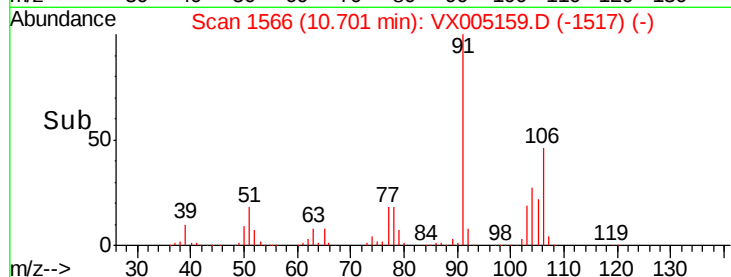
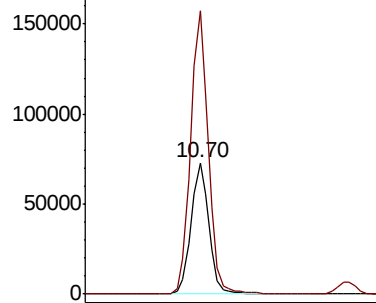
Tot Ion:106 Resp: 95456
Ion Ratio Lower Upper
106 100
91 215.3 108.3 324.8

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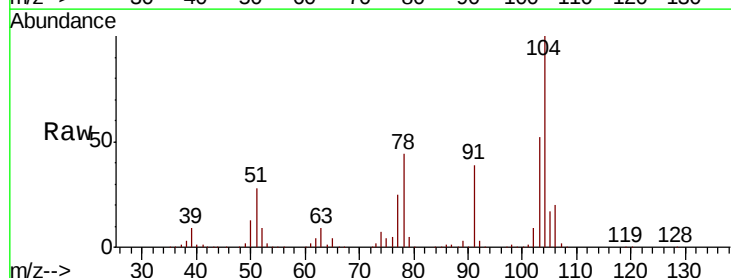


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

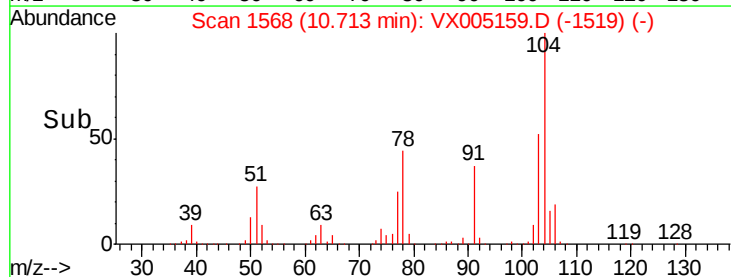
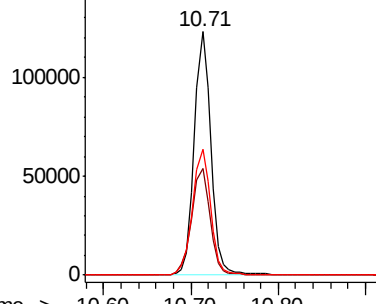


#70
Styrene
Concen: 23.404 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion:104 Resp: 162147
Ion Ratio Lower Upper
104 100
78 49.0 40.0 60.0
103 56.4 44.3 66.5



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: 22.390 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009MBS01

Tot Ion:173 Resp: 46152

Ion Ratio Lower Upper

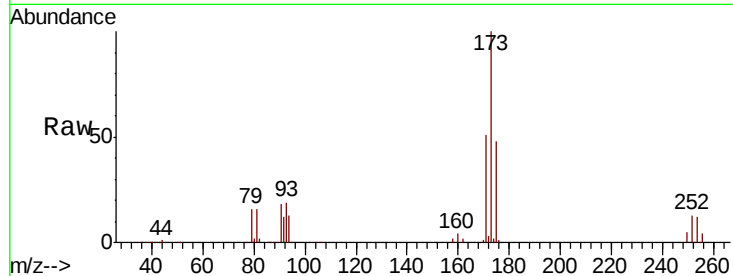
173 100

175 48.1 23.3 69.8

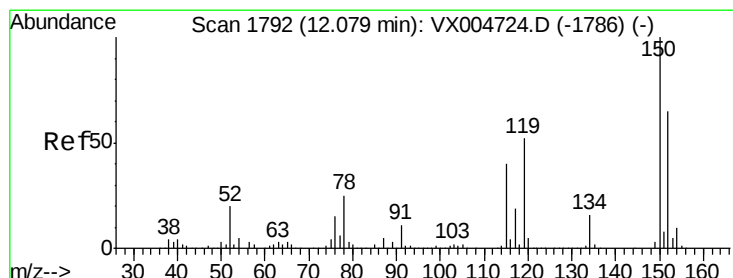
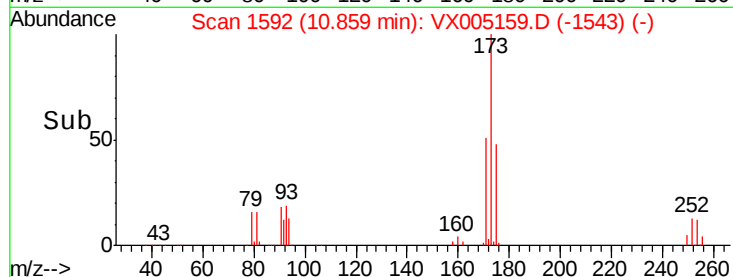
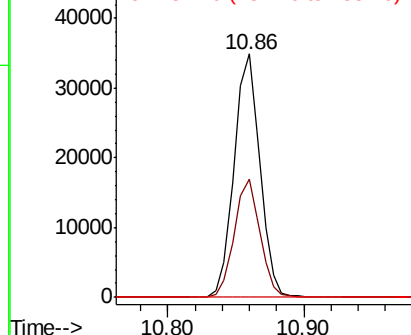
254 0.1 0.2 0.2#

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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: VX005159.D

Acq: 09 Oct 2018 15:21

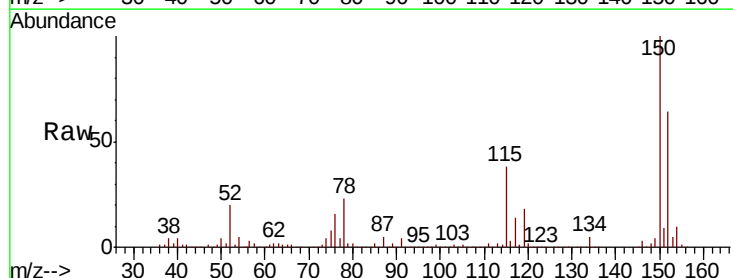
Tgt Ion:152 Resp: 165371

Ion Ratio Lower Upper

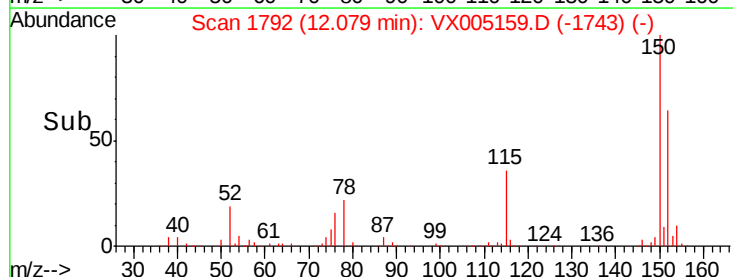
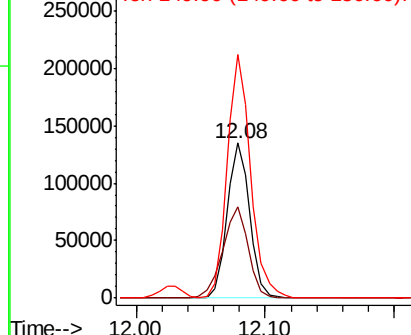
152 100

115 66.9 40.2 120.6

150 164.1 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: 25.007 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009MBS01

Tot Ion: 105 Resp: 260663

Ion Ratio Lower Upper

105 100

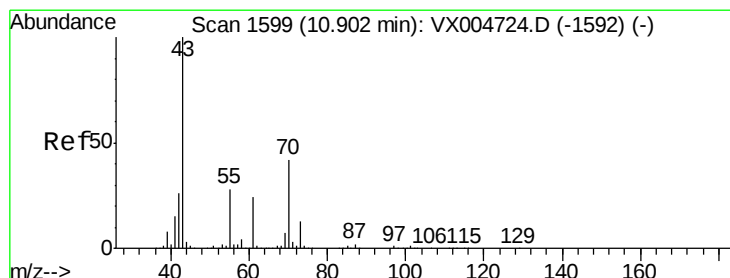
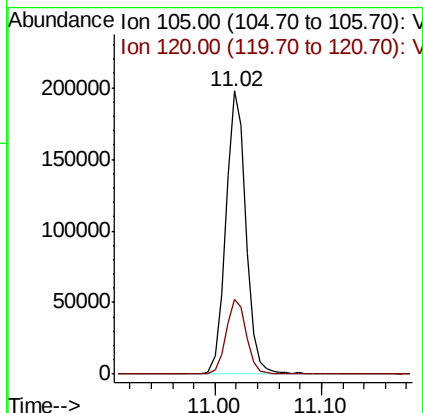
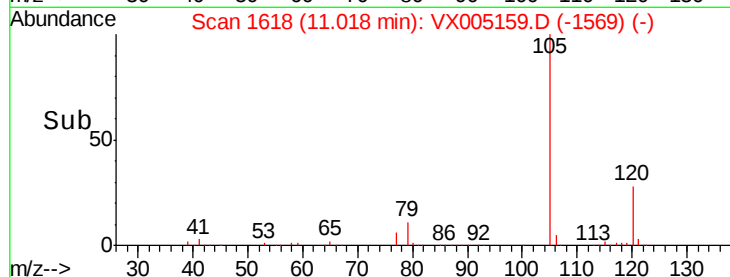
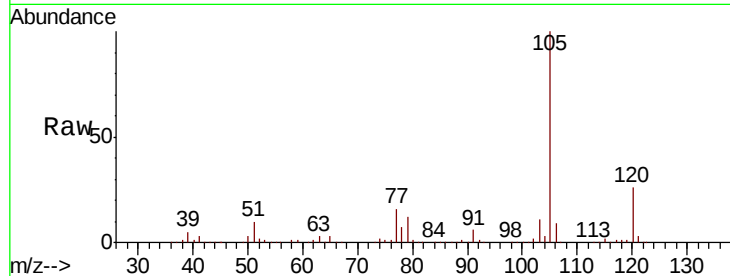
120 26.5 13.2 39.5

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#74

N-ethyl acetate

Concen: 21.831 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Tgt Ion: 43 Resp: 119227

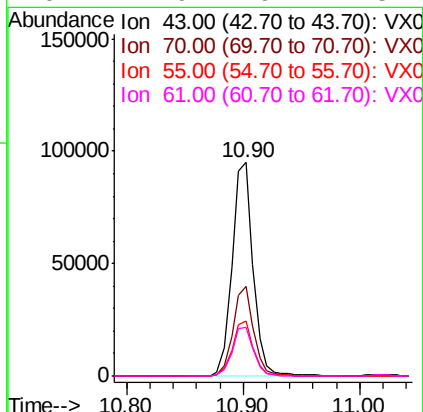
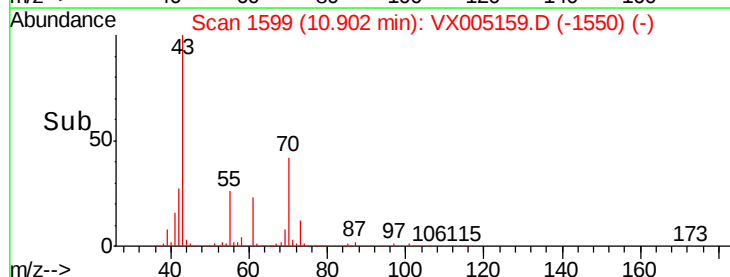
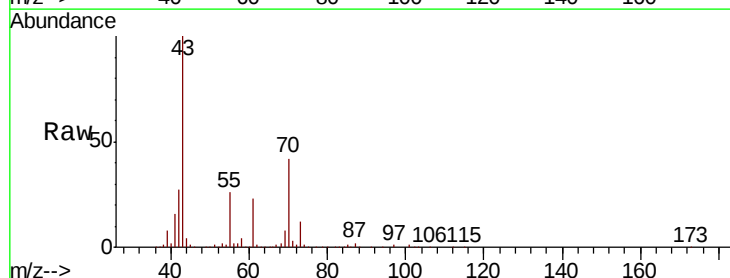
Ion Ratio Lower Upper

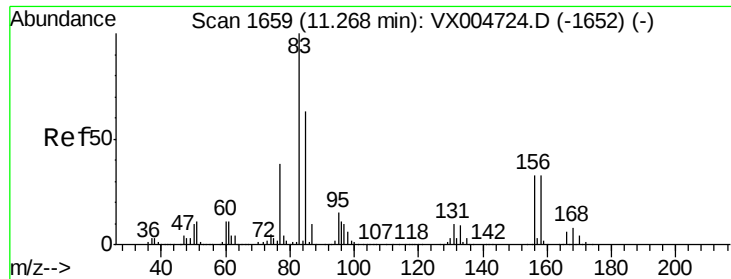
43 100

70 41.3 32.6 48.8

55 25.8 21.6 32.4

61 22.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.571 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

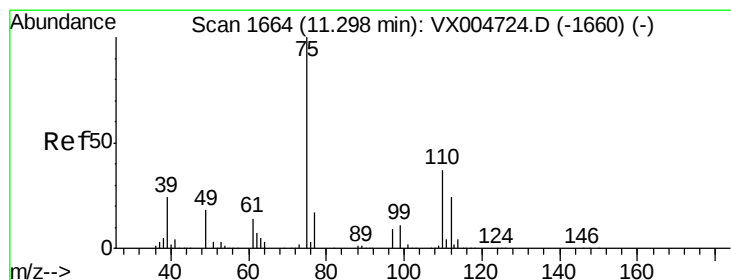
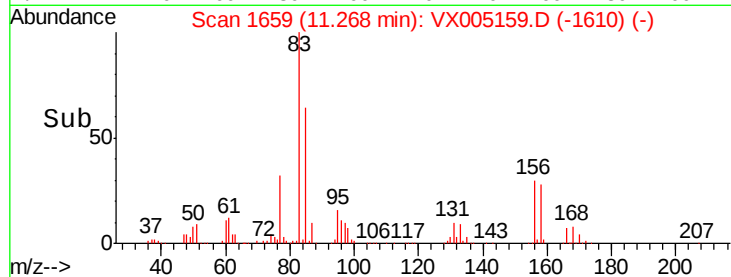
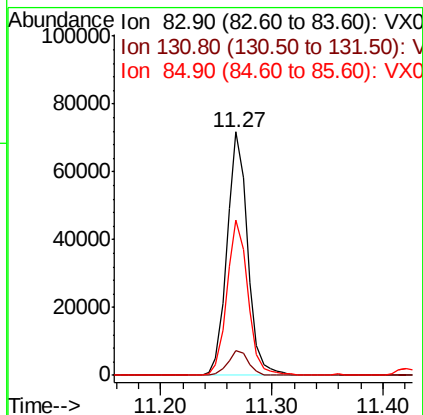
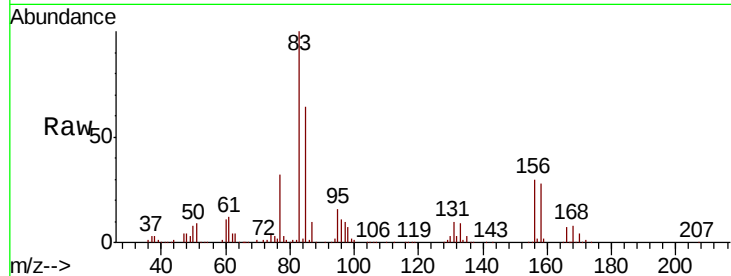
ClientSampleId :

VX1009MBS01

Tot Ion:	83	Resp:	91528
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	65.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.584 ug/l m

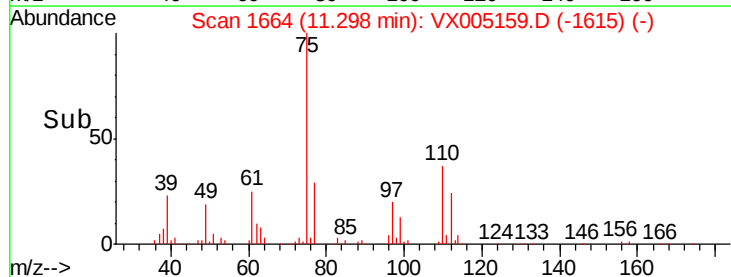
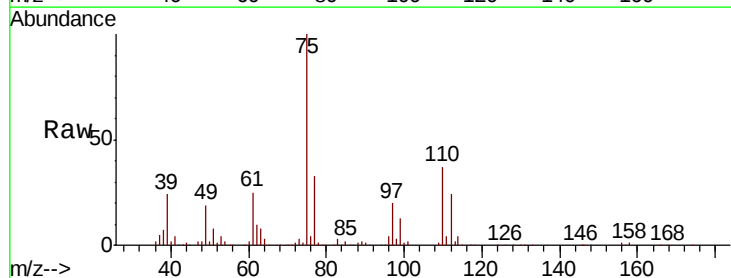
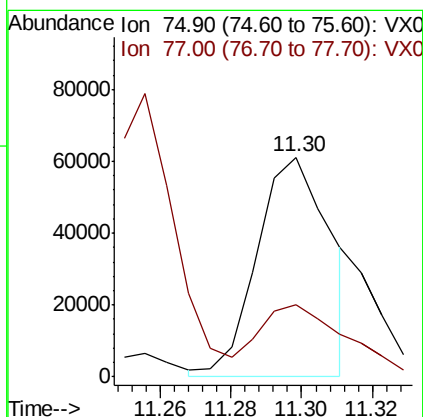
RT: 11.30 min Scan# 1664

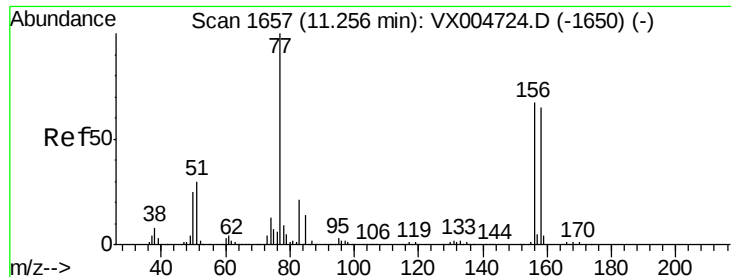
Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Tgt Ion:	75	Resp:	87417
Ion Ratio	Lower	Upper	
75	100		
77	39.9	21.4	64.3





#77

Bromobenzene

Concen: 23.608 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009MBS01

Tot Ion: 156 Resp: 71475

Ion Ratio Lower Upper

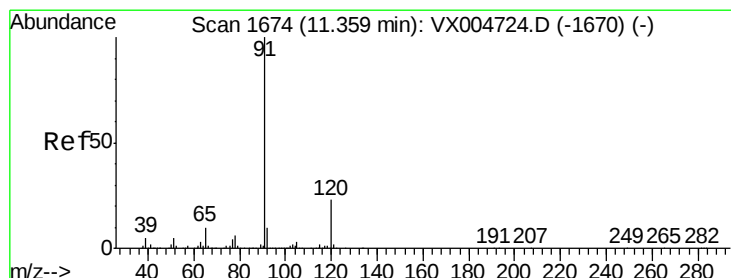
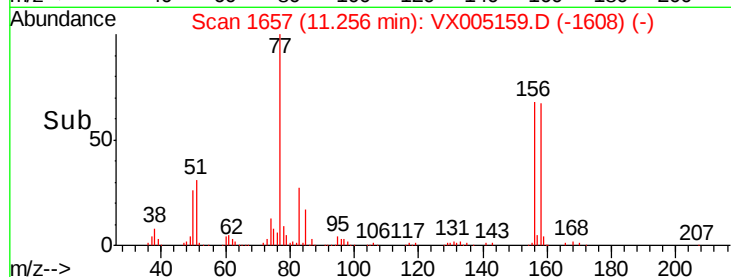
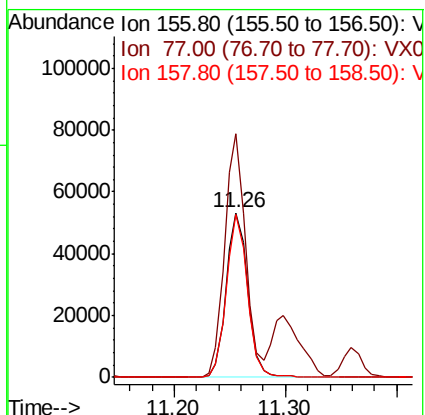
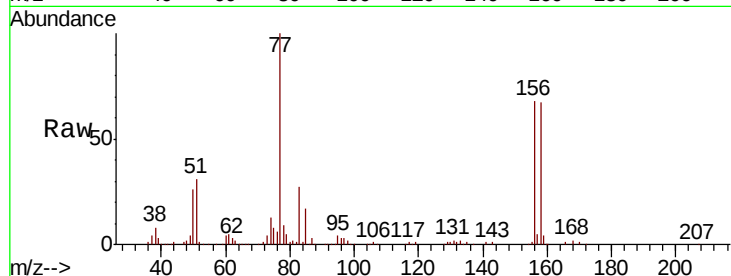
156 100

77 143.8 73.4 220.2

158 96.5 49.1 147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 25.159 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005159.D

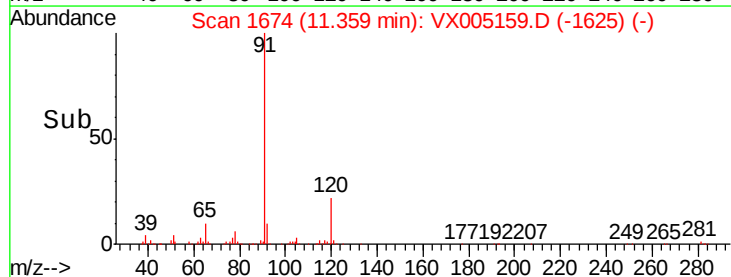
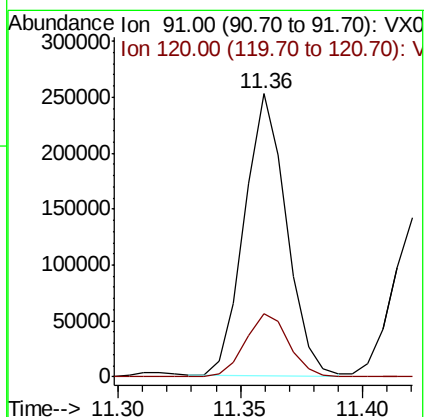
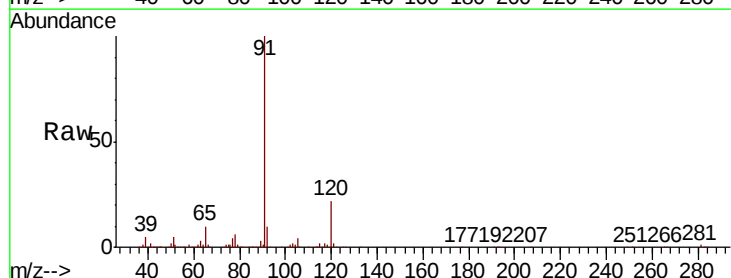
Acq: 09 Oct 2018 15:21

Tgt Ion: 91 Resp: 300894

Ion Ratio Lower Upper

91 100

120 23.5 12.0 36.0





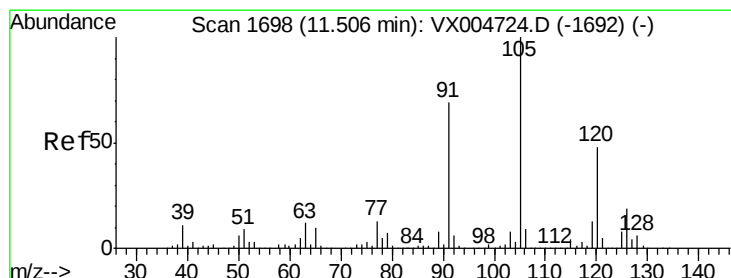
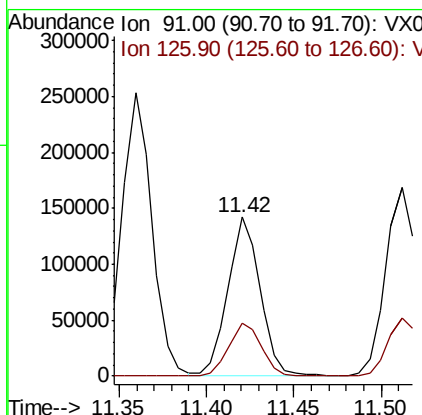
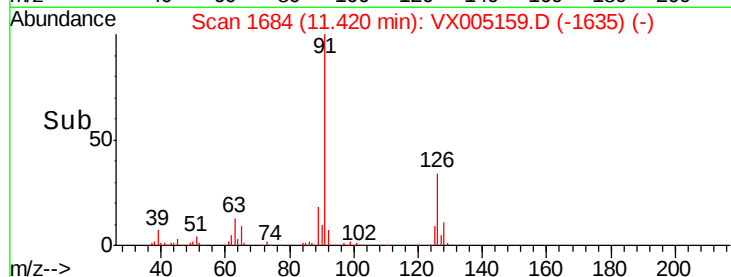
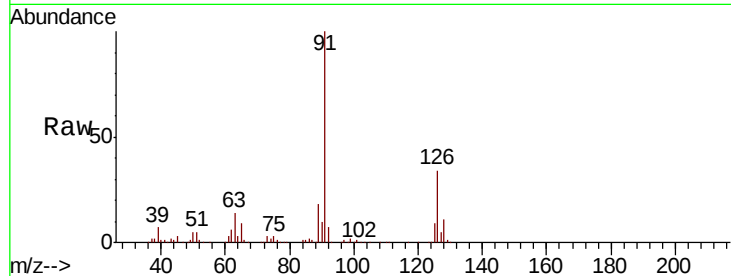
#79
2-Chlorotoluene
Concen: 24.276 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion: 91 Resp: 180970
Ion Ratio Lower Upper
91 100
126 34.8 17.6 52.9

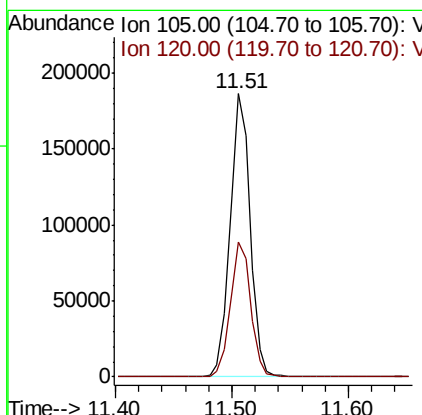
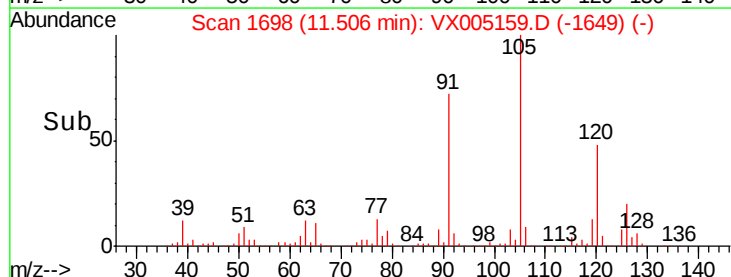
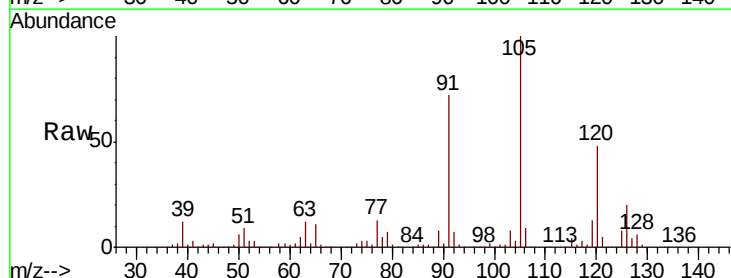
Manual Integrations
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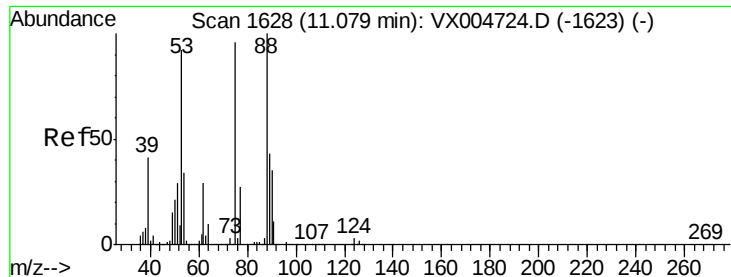
MMDadoda
10/10/2018 2:07:54 PM



#80
1,3,5-Trimethylbenzene
Concen: 23.243 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion: 105 Resp: 223061
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.518 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009MBS01

Tot Ion: 75 Resp: 24810

Ion Ratio Lower Upper

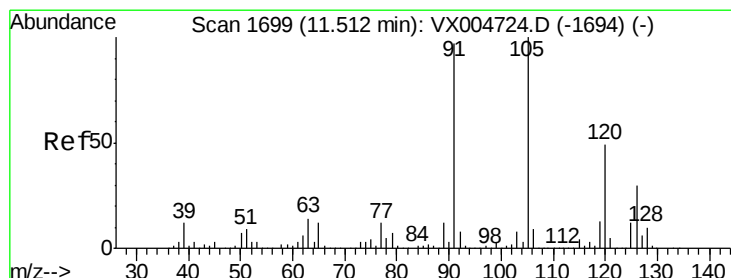
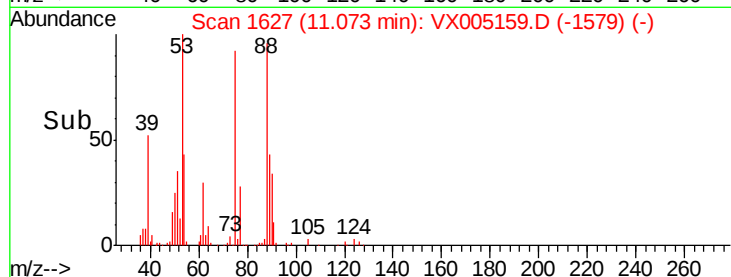
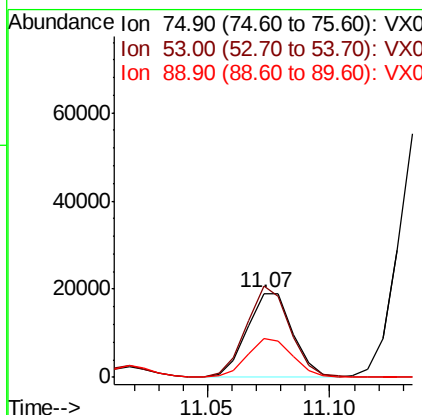
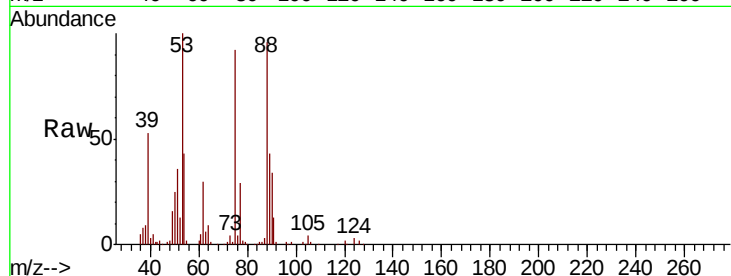
75 100

53 103.5 80.2 120.4

89 45.9 37.1 55.7

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#82

4-Chlorotoluene

Concen: 24.305 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005159.D

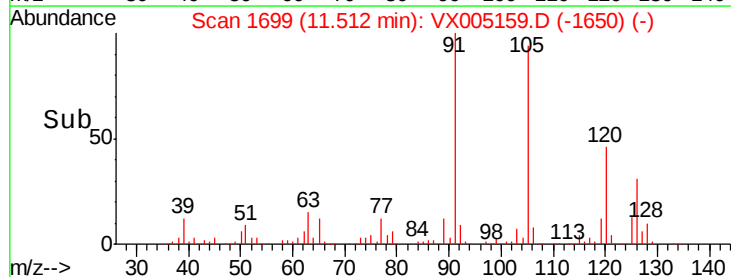
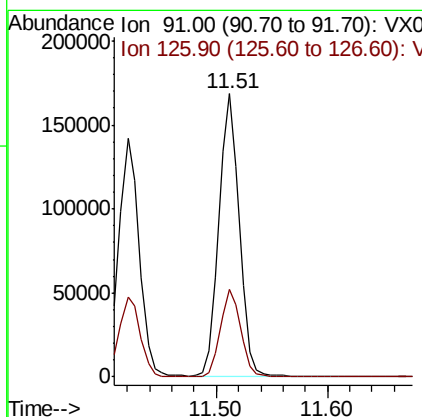
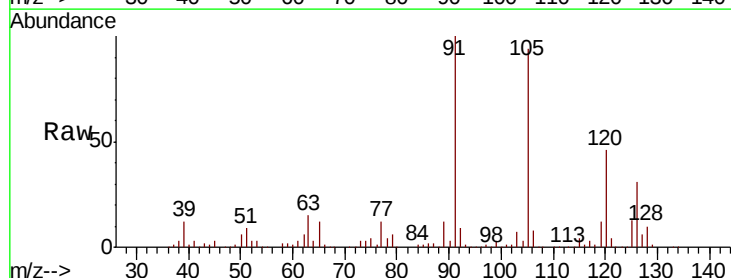
Acq: 09 Oct 2018 15:21

Tgt Ion: 91 Resp: 213266

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5





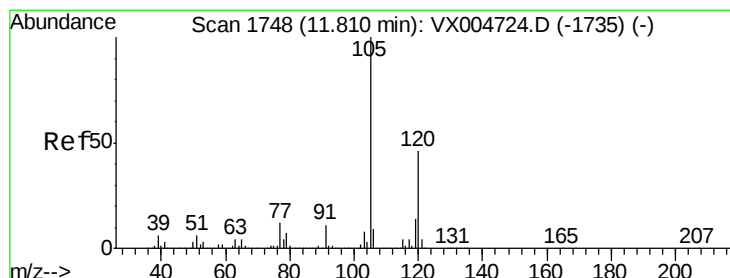
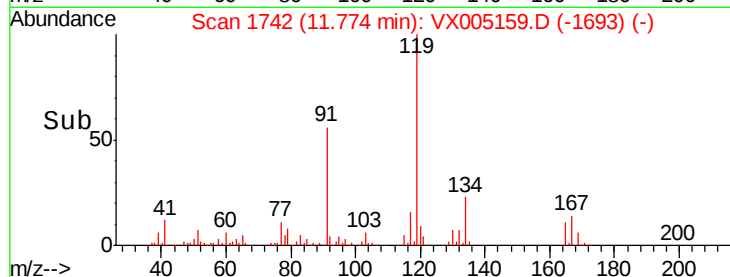
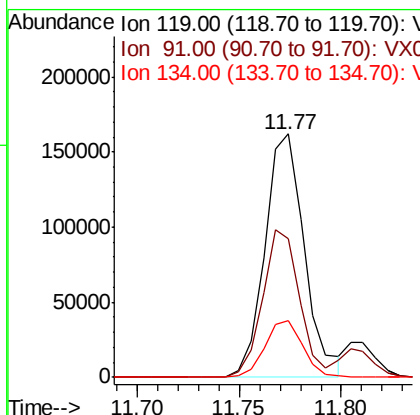
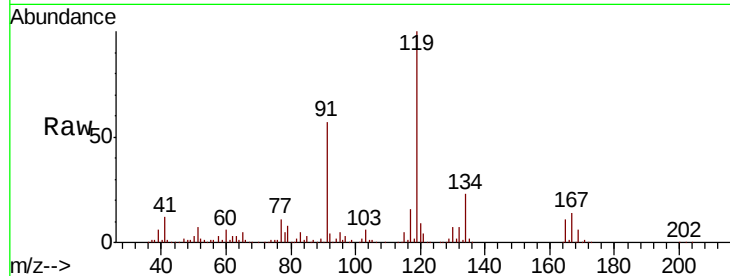
#83
 tert-Butylbenzene
 Concen: 25.511 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	218935		
91	56.4		27.5	82.5
134	22.6		11.5	34.4

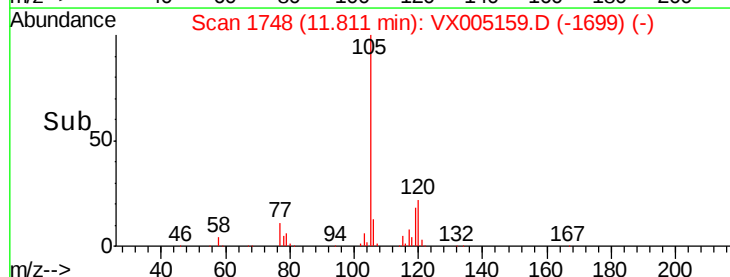
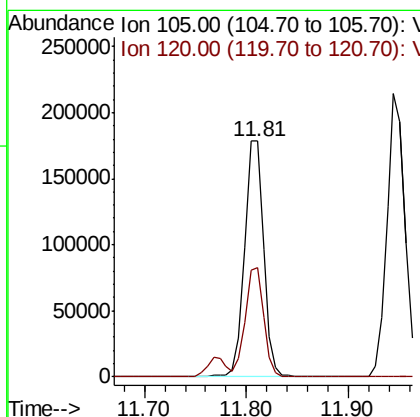
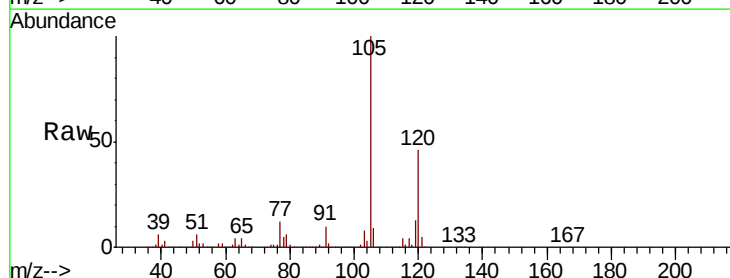
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#84
 1,2,4-Trimethylbenzene
 Concen: 23.334 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	230934		
120	44.7		22.8	68.3





#85

sec-Butylbenzene

Concen: 25.648 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009MBS01

Tot Ion:105 Resp: 268105

Ion Ratio Lower Upper

105 100

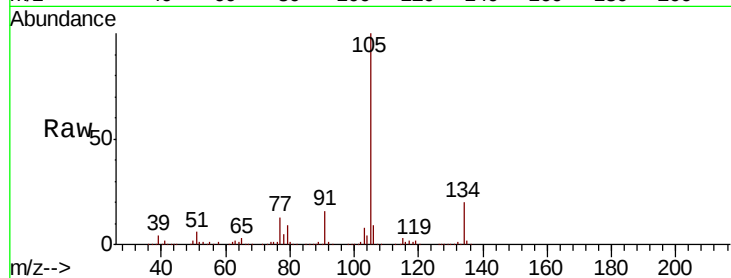
134 20.3 10.2 30.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

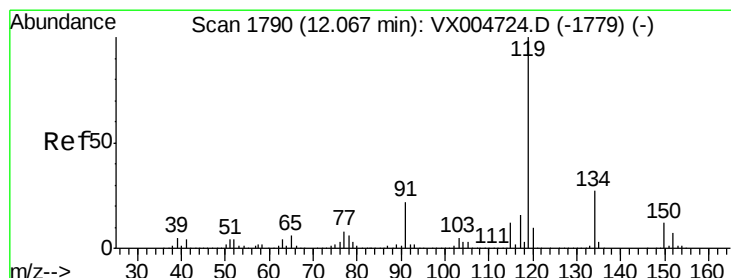
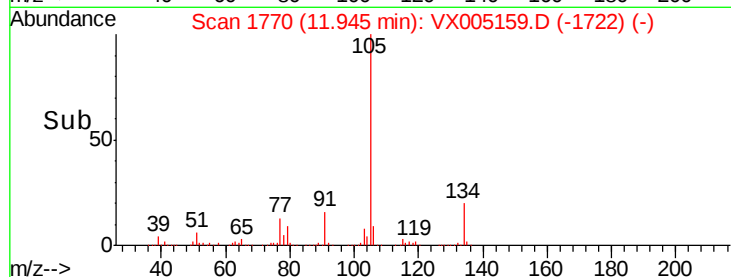
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 25.069 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

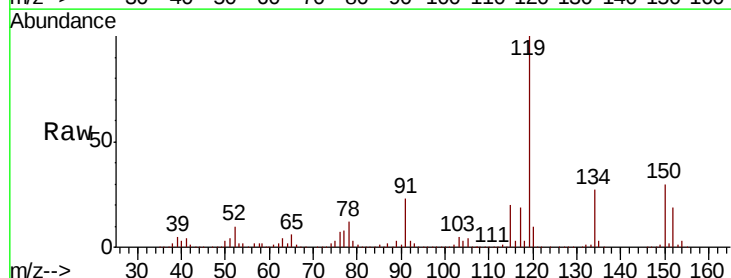
Tgt Ion:119 Resp: 237416

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.3 11.5 34.4



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

12.07

200000

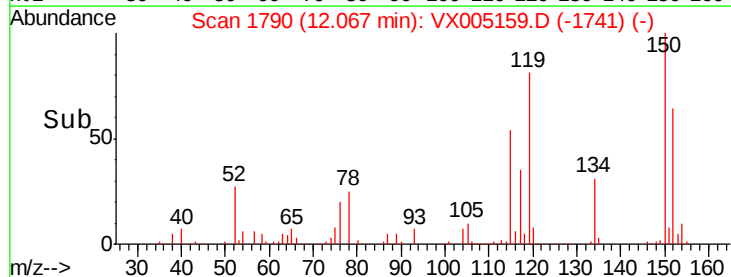
150000

100000

50000

0

Time-->





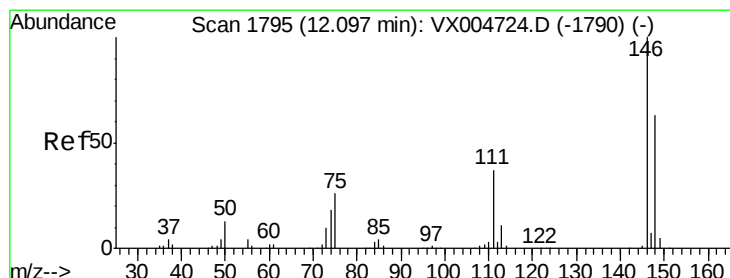
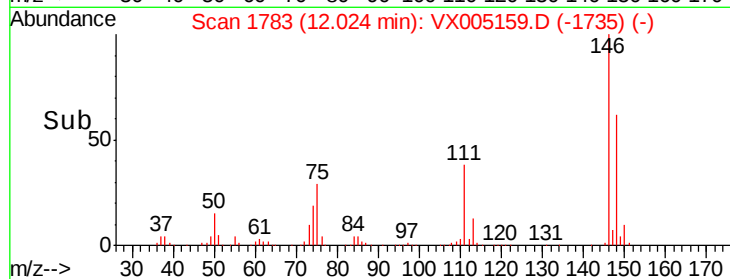
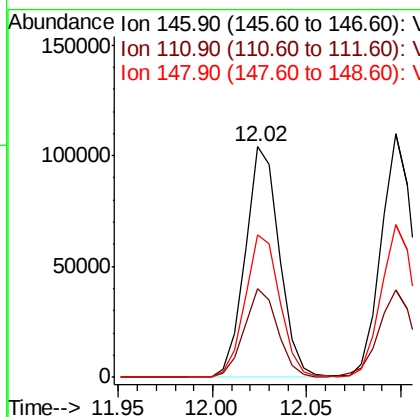
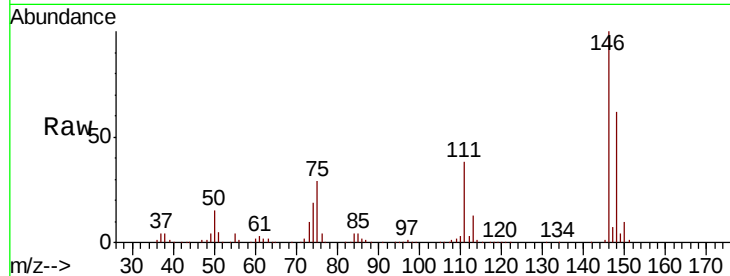
#87
 1,3-Dichlorobenzene
 Concen: 23.146 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	130856		
111	37.6	18.9	56.9	
148	62.8	31.8	95.3	

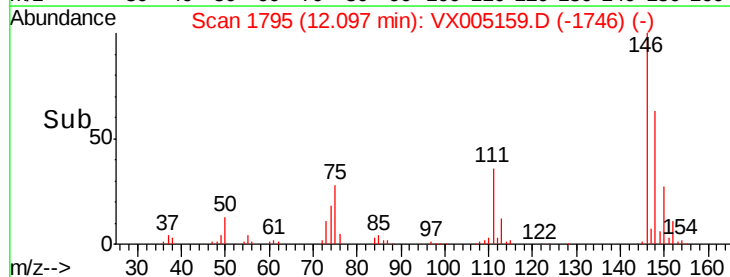
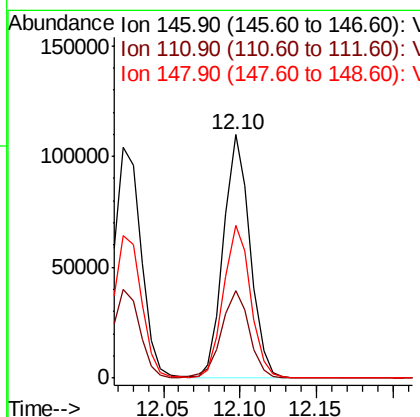
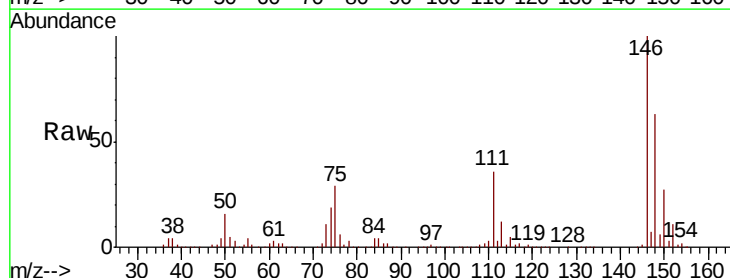
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 22.754 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	132792		
111	37.9	18.4	55.2	
148	63.9	32.0	96.0	





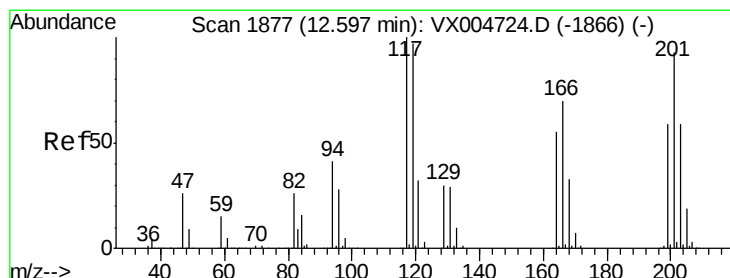
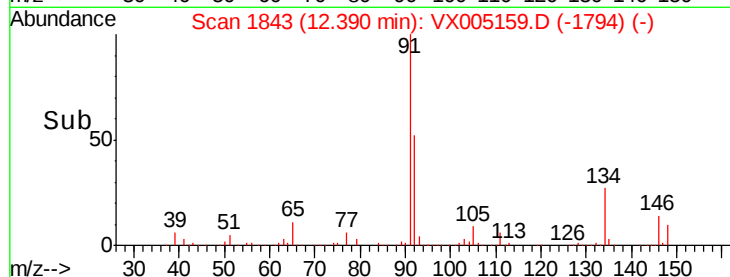
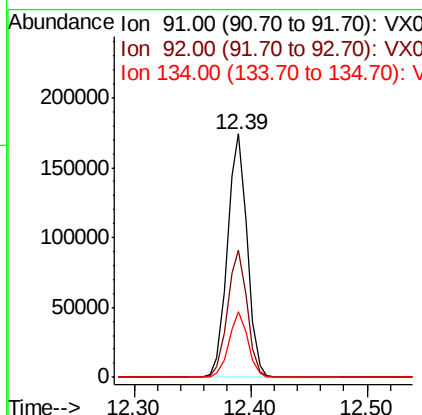
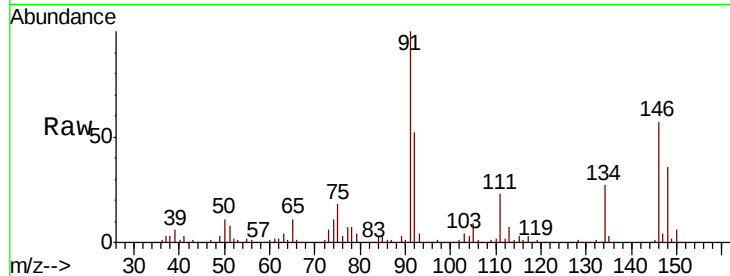
#89
n-Butylbenzene
Concen: 23.817 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	26.0	13.2	39.6

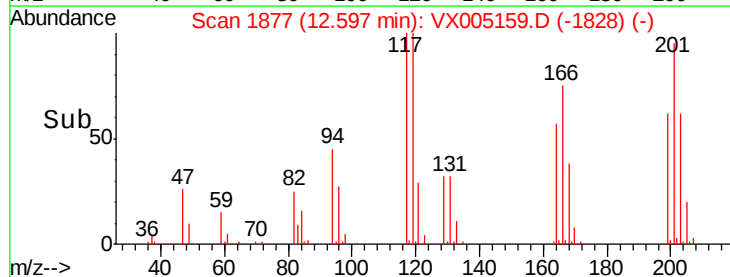
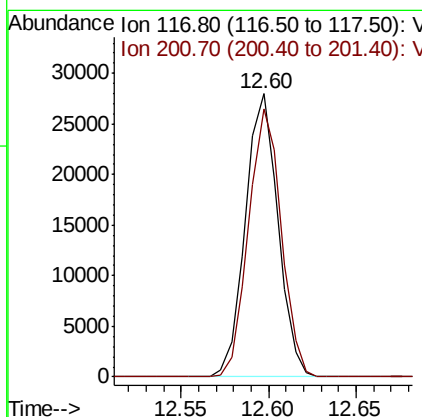
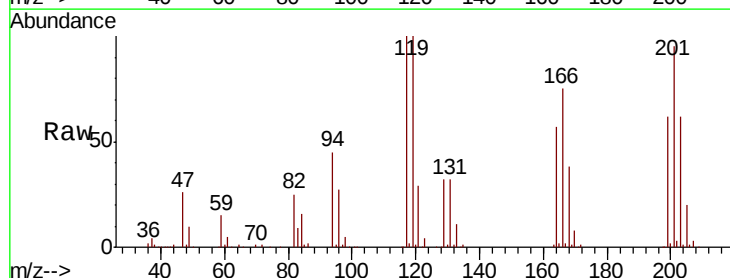
Manual Integrations
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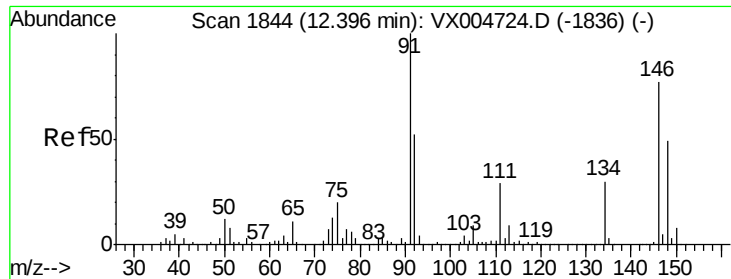
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#90
Hexachloroethane
Concen: 23.019 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005159.D
Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.1	48.4	145.0





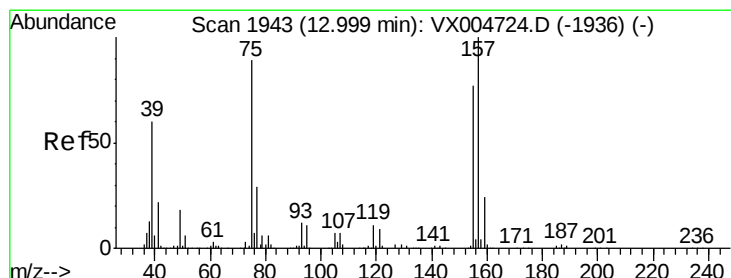
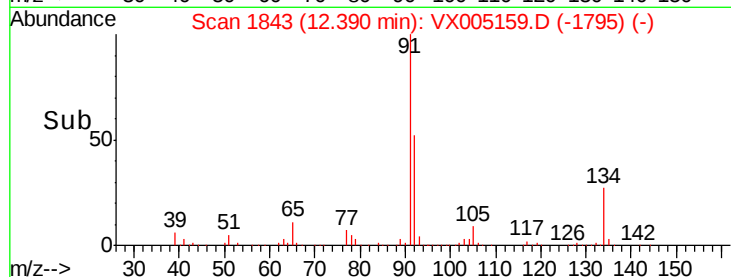
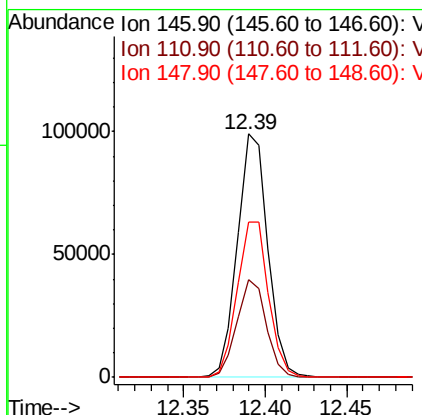
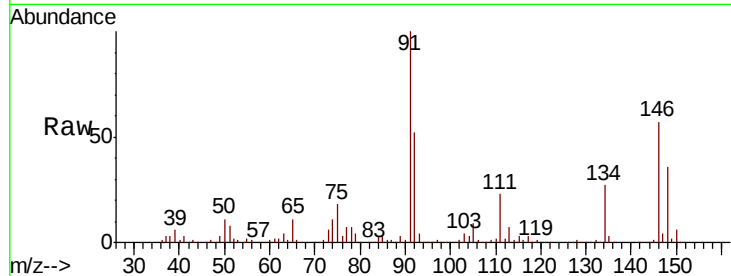
#91
 1,2-Dichlorobenzene
 Concen: 21.796 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	65.7	31.8	95.4

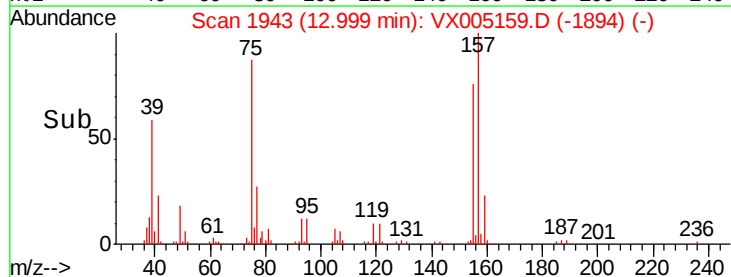
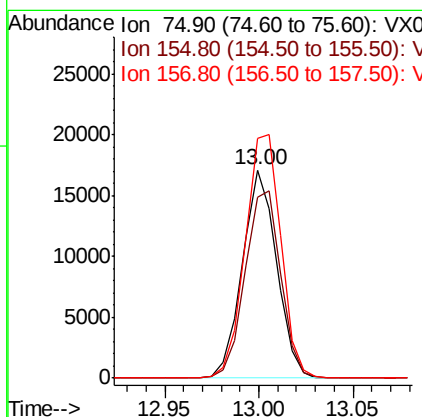
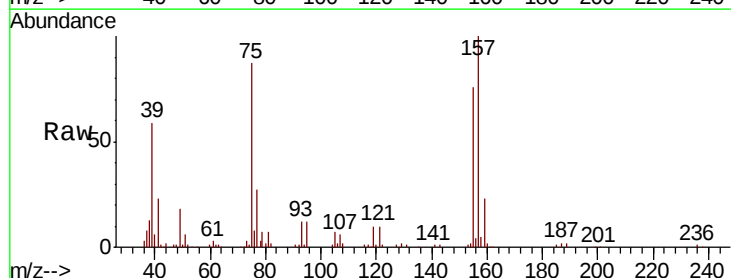
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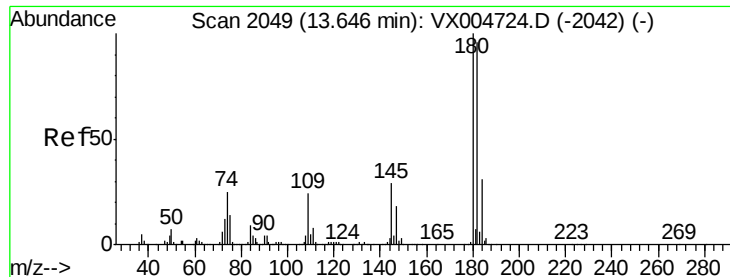
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.166 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	46.1	138.3
157	121.9	60.2	180.6





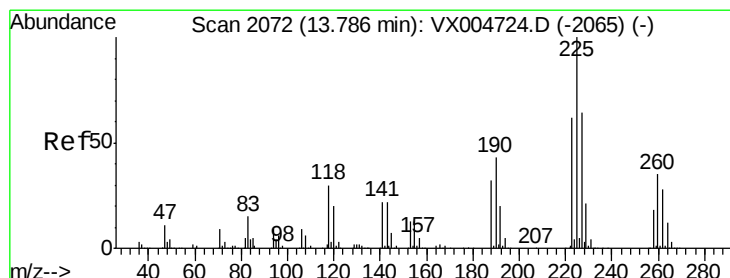
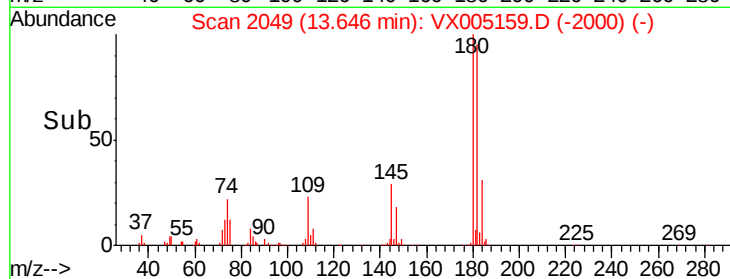
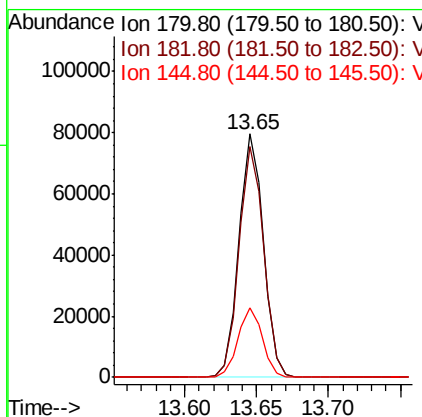
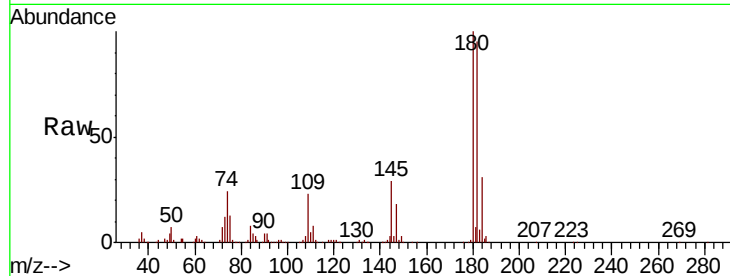
#93
 1,2,4-Trichlorobenzene
 Concen: 22.711 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	94125		
182	95.5	47.8	143.4	
145	28.6	14.1	42.4	

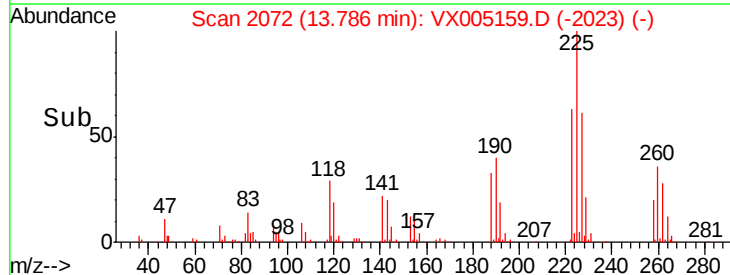
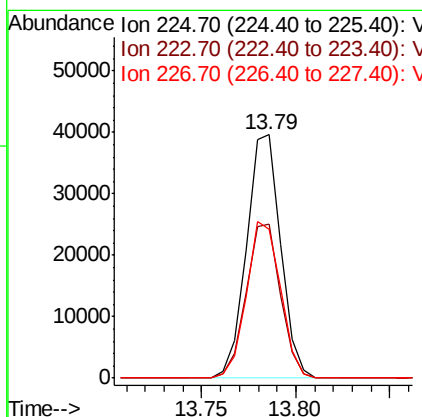
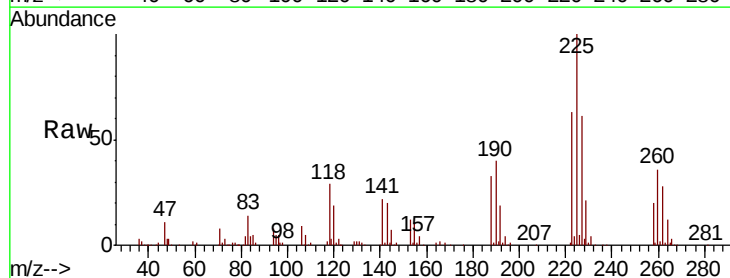
Manual Integrations
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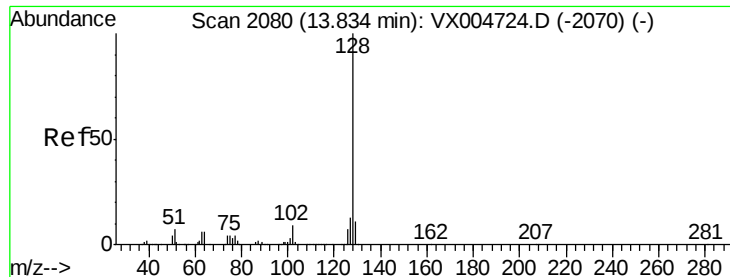
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#94
 Hexachlorobutadiene
 Concen: 23.154 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005159.D
 Acq: 09 Oct 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49760		
223	63.7	31.3	93.8	
227	64.1	31.9	95.5	





#95

Naphthalene

Concen: 21.858 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Instrument :

MSVOA_X

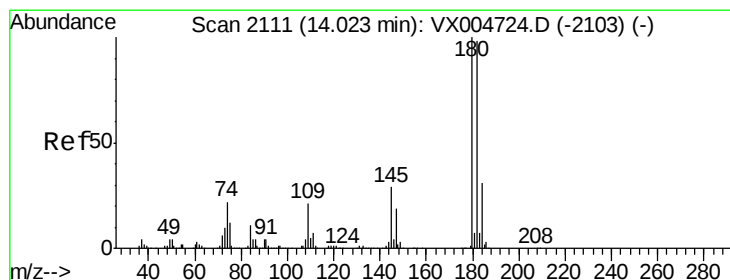
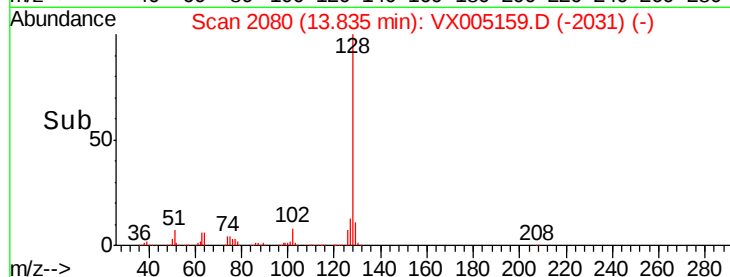
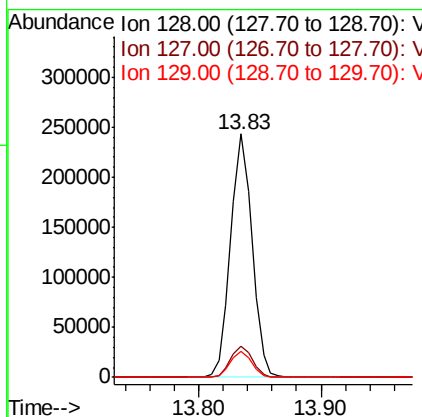
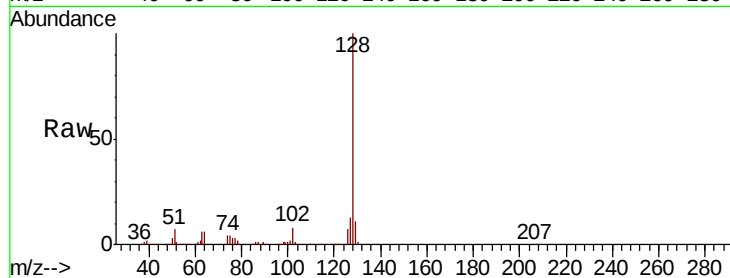
ClientSampleId :

VX1009MBS01

Tot Ion:	128	Resp:	295023
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 23.194 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005159.D

Acq: 09 Oct 2018 15:21

Tgt Ion:	180	Resp:	99298
Ion Ratio		Lower	Upper
180	100		
182	96.2	47.9	143.8
145	29.7	15.0	45.0

