

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004730.D
 Acq On : 26 Sep 2018 17:01
 Operator : JC/MD
 Sample : VX0926WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:31:00 PM

Quant Time: Sep 27 01:42:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	273235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	203074	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
35) Dibromofluoromethane	5.51	113	164615	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	8.71	98	591456	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
62) 4-Bromofluorobenzene	11.14	95	213638	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	88501	23.756	ug/l	94
3) Chloromethane	1.32	50	98887	21.878	ug/l	98
4) Vinyl Chloride	1.40	62	94034	22.182	ug/l	95
5) Bromomethane	1.64	94	57519	22.881	ug/l	98
6) Chloroethane	1.72	64	57134	23.497	ug/l	98
7) Trichlorofluoromethane	1.93	101	110847	21.121	ug/l #	82
8) Diethyl Ether	2.18	74	48463	21.256	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66223	22.152	ug/l	98
10) Methyl Iodide	2.51	142	73623	18.404	ug/l	94
11) Tert butyl alcohol	3.08	59	113317	103.831	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61306	20.707	ug/l	97
13) Acrolein	2.29	56	78797	101.477	ug/l	100
14) Allyl chloride	2.73	41	136856	21.186	ug/l	93
15) Acrylonitrile	3.15	53	253673	105.587	ug/l	99
16) Acetone	2.45	43	235950	103.544	ug/l	97
17) Carbon Disulfide	2.57	76	193344	21.733	ug/l	99
18) Methyl Acetate	2.78	43	119269	20.658	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	217211	21.270	ug/l	94
20) Methylene Chloride	2.85	84	69417	20.456	ug/l	87
21) trans-1,2-Dichloroethene	3.15	96	65766	20.292	ug/l	91
22) Diisopropyl ether	3.87	45	231553	21.287	ug/l #	85
23) Vinyl Acetate	3.82	43	1043295	104.780	ug/l	96
24) 1,1-Dichloroethane	3.70	63	127472	19.645	ug/l	98
25) 2-Butanone	4.70	43	355565	105.856	ug/l	95
26) 2,2-Dichloropropane	4.57	77	94637	20.945	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	76023	20.998	ug/l	96
28) Bromochloromethane	5.02	49	62418	20.428	ug/l	93
29) Tetrahydrofuran	5.16	42	221653	106.171	ug/l	95
30) Chloroform	5.21	83	127954	20.865	ug/l	99
31) Cyclohexane	5.57	56	114212	22.998	ug/l	86
32) 1,1,1-Trichloroethane	5.49	97	102573	20.481	ug/l	100
36) 1,1-Dichloropropene	5.80	75	88996	20.185	ug/l	97
37) Ethyl Acetate	4.85	43	124233	21.228	ug/l	98
38) Carbon Tetrachloride	5.77	117	90217	19.466	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Sep 27 01:42:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100665	22.360	ug/l	95
40) Benzene	6.15	78	277215	20.084	ug/l #	89
41) Methacrylonitrile	5.06	41	67318	20.741	ug/l	97
42) 1,2-Dichloroethane	6.20	62	100974	20.693	ug/l	98
43) Isopropyl Acetate	6.46	43	178445	21.125	ug/l	95
44) Trichloroethene	7.21	130	71676	21.123	ug/l	80
45) 1,2-Dichloropropane	7.52	63	69457	20.519	ug/l	93
46) Dibromomethane	7.66	93	45024	21.165	ug/l	96
47) Bromodichloromethane	7.90	83	82977	20.833	ug/l	98
48) Methyl methacrylate	7.77	41	84682	22.087	ug/l	94
49) 1,4-Dioxane	7.76	88	40932	429.724	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	587837	110.523	ug/l	95
52) Toluene	8.79	92	161594	21.306	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	91413	20.310	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	102511	21.745	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	65963	19.855	ug/l	94
56) Ethyl methacrylate	9.18	69	99242	20.217	ug/l	95
57) 1,3-Dichloropropane	9.37	76	112238	20.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	293635	110.974	ug/l	93
59) 2-Hexanone	9.50	43	463657	104.612	ug/l	93
60) Dibromochloromethane	9.59	129	65286	19.649	ug/l	99
61) 1,2-Dibromoethane	9.68	107	68800	19.337	ug/l	99
64) Tetrachloroethene	9.34	164	68850	19.421	ug/l	98
65) Chlorobenzene	10.14	112	179569	19.441	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	62049	19.109	ug/l	99
67) Ethyl Benzene	10.26	91	295128	20.126	ug/l	99
68) m/p-Xylenes	10.36	106	234319	40.891	ug/l	94
69) o-Xylene	10.70	106	111042	21.097	ug/l	96
70) Styrene	10.71	104	187485	20.371	ug/l	96
71) Bromoform	10.86	173	51513	18.530	ug/l #	99
73) Isopropylbenzene	11.02	105	301451	22.074	ug/l	99
74) N-amyl acetate	10.90	43	138299	19.528	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	106903	19.230	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	97821m	20.143	ug/l	
77) Bromobenzene	11.26	156	80465	20.285	ug/l	97
78) n-propylbenzene	11.36	91	351463	22.430	ug/l	99
79) 2-Chlorotoluene	11.42	91	211923	21.698	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	258102	20.504	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	28950	17.600	ug/l	96
82) 4-Chlorotoluene	11.51	91	248527	21.618	ug/l	100
83) tert-Butylbenzene	11.77	119	246829	21.952	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	266337	20.517	ug/l	98
85) sec-Butylbenzene	11.94	105	304670	22.246	ug/l	99
86) p-Isopropyltoluene	12.07	119	272973	22.000	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	151958	20.516	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153068	20.019	ug/l	98
89) n-Butylbenzene	12.39	91	243503	21.608	ug/l	97
90) Hexachloroethane	12.60	117	39560	19.149	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	149846	19.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23996	19.659	ug/l	95

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

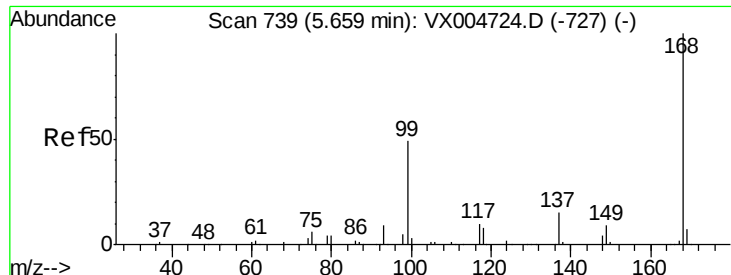
Manual Integrations
APPROVED

MMDadoda
10/1/2018 1:31:00 PM

Quant Time: Sep 27 01:42:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112318	20.685	ug/l	100
94) Hexachlorobutadiene	13.79	225	58097	20.633	ug/l	97
95) Naphthalene	13.83	128	348224	19.764	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	113521	20.239	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampled :

VX0926WBS01

Tot Ion:168 Resp: 273235

Ion Ratio Lower Upper

168 100

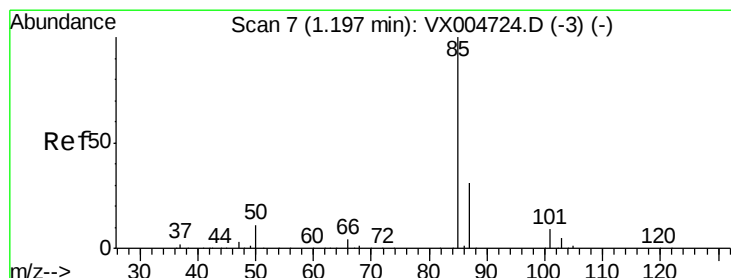
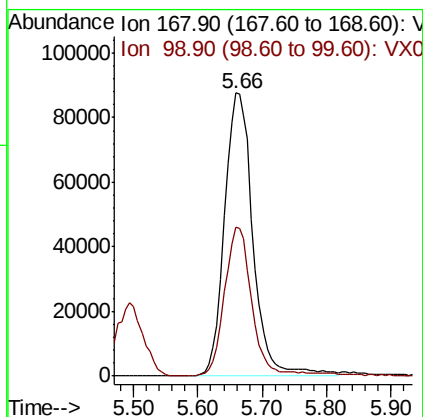
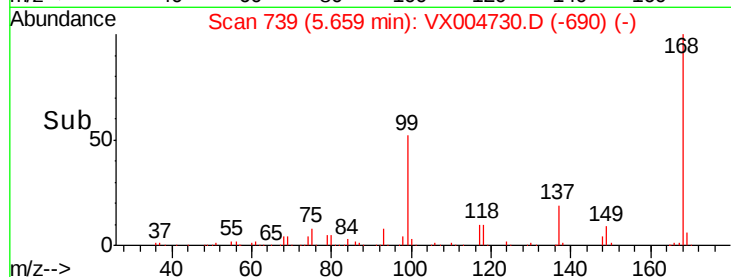
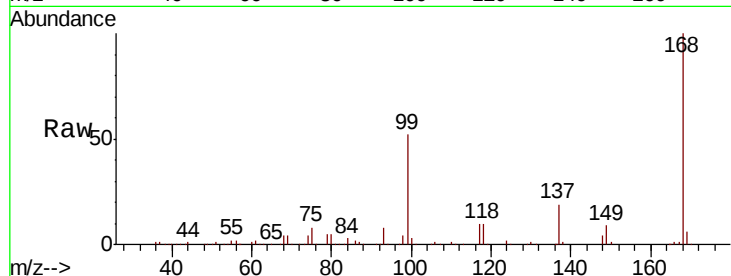
99 52.3 39.9 59.9

Manual Integrations

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10/1/2018 1:31:00 PM



#2

Dichlorodifluoromethane

Concen: 23.756 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004730.D

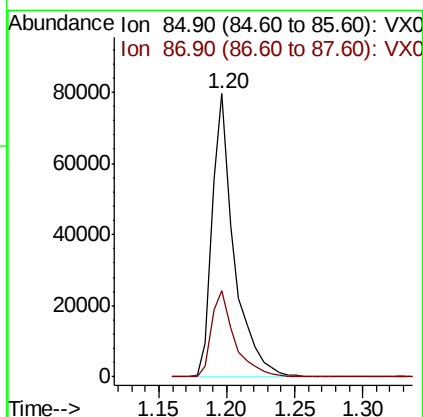
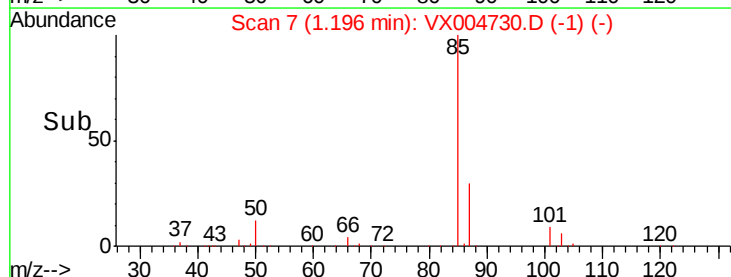
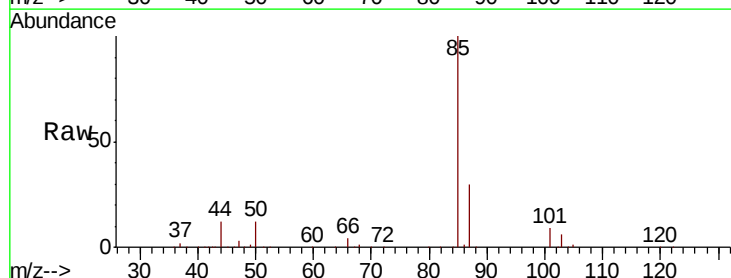
Acq: 26 Sep 2018 17:01

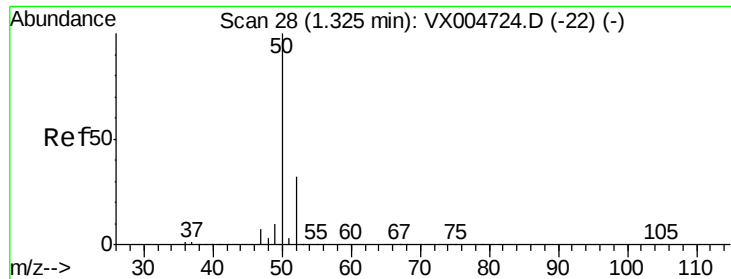
Tgt Ion: 85 Resp: 88501

Ion Ratio Lower Upper

85 100

87 30.3 17.0 50.9





#3

Chloromethane

Concen: 21.878 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 50 Resp: 98887

Ion Ratio Lower Upper

50 100

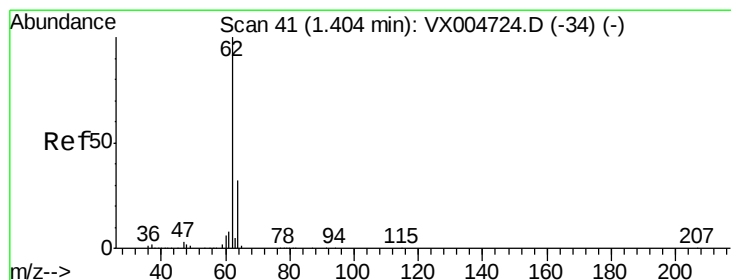
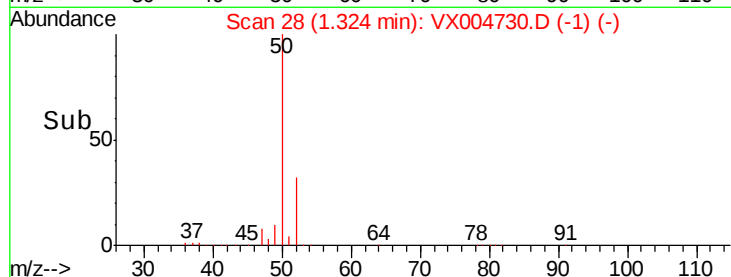
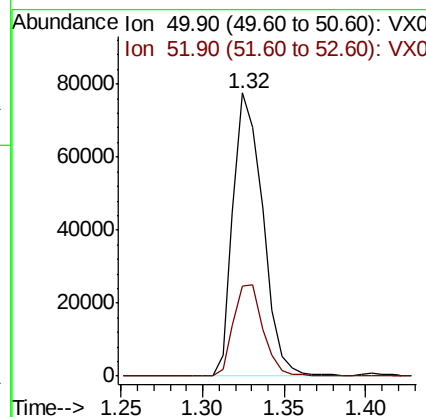
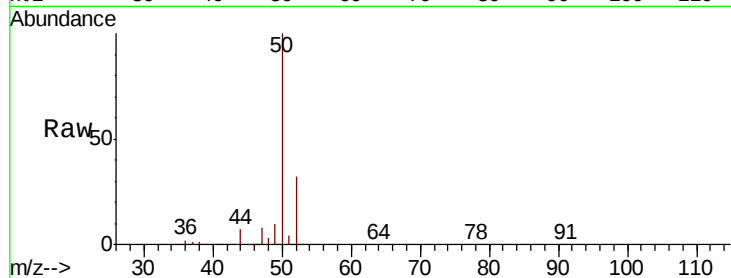
52 31.8 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.182 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004730.D

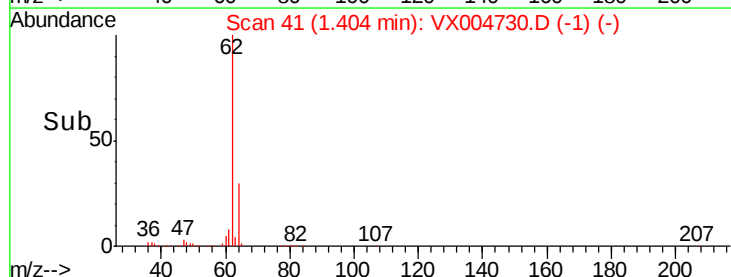
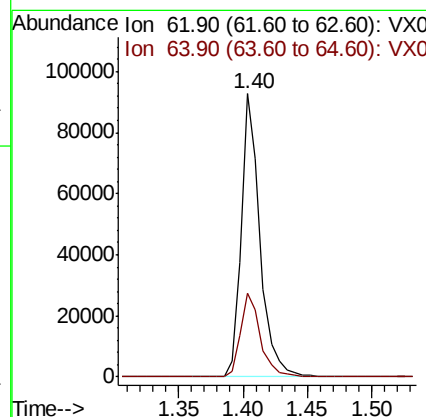
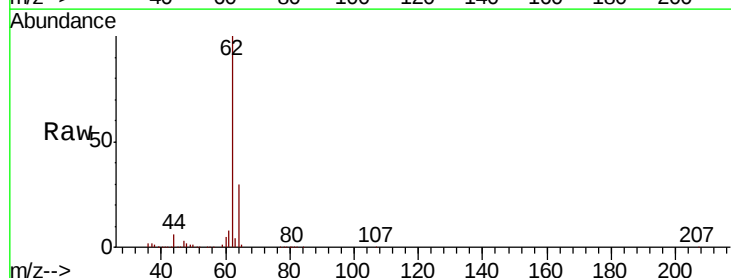
Acq: 26 Sep 2018 17:01

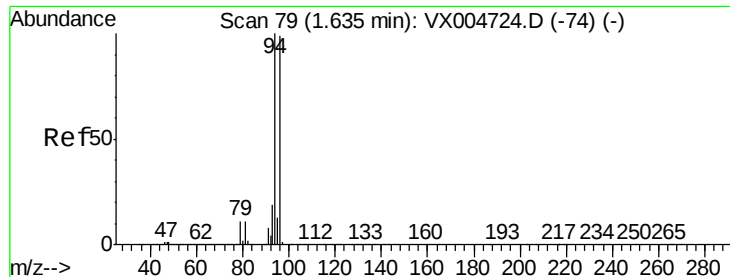
Tgt Ion: 62 Resp: 94034

Ion Ratio Lower Upper

62 100

64 29.7 25.8 38.8





#5

Bromomethane

Concen: 22.881 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 94 Resp: 57519

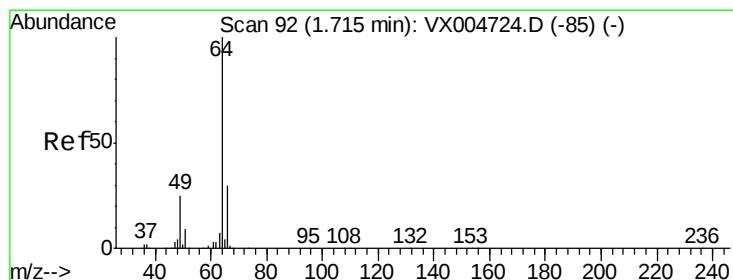
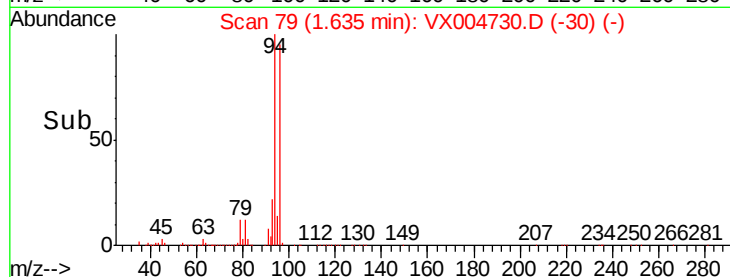
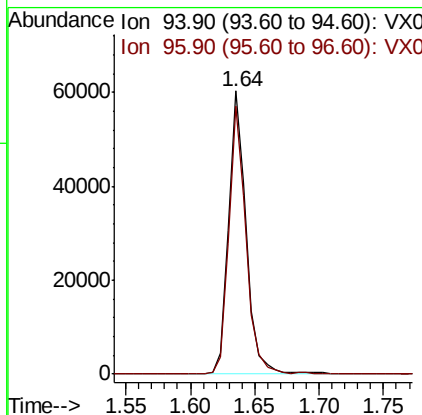
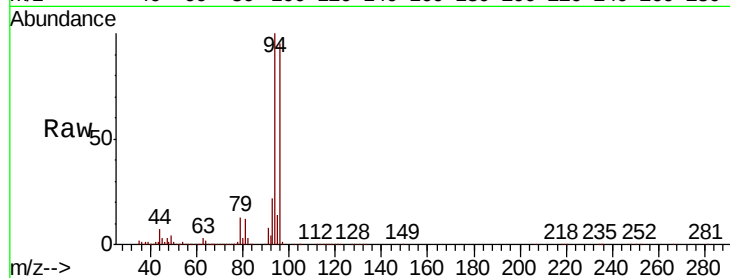
Ion Ratio Lower Upper

94 100

96 94.9 74.5 111.7

Manual Integrations
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10/1/2018 1:31:00 PM



#6

Chloroethane

Concen: 23.497 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004730.D

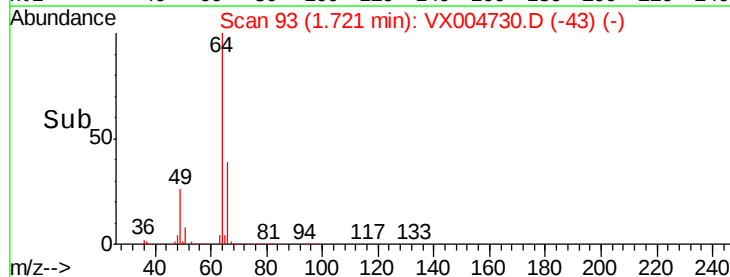
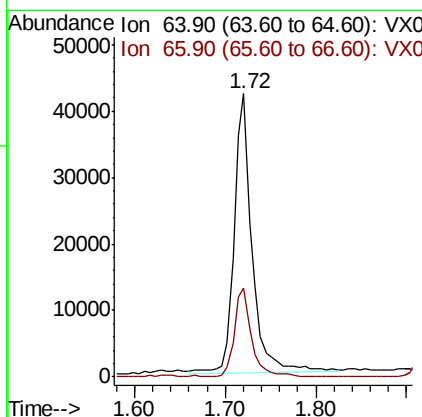
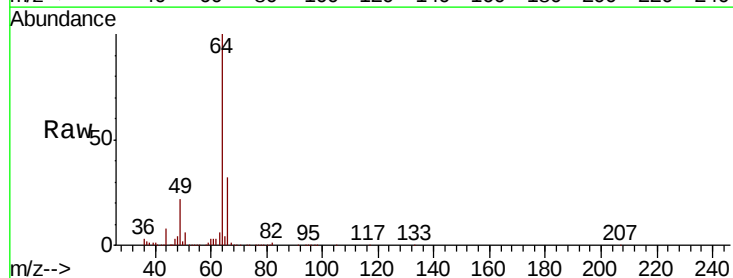
Acq: 26 Sep 2018 17:01

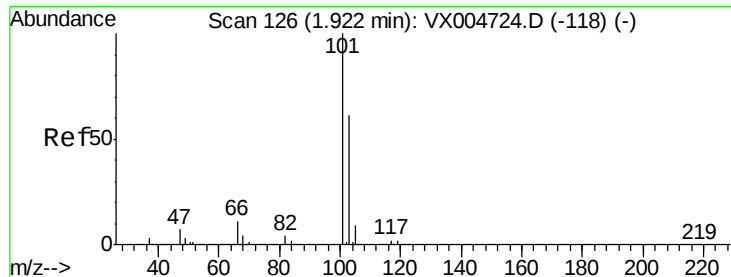
Tgt Ion: 64 Resp: 57134

Ion Ratio Lower Upper

64 100

66 32.0 24.6 36.8





#7

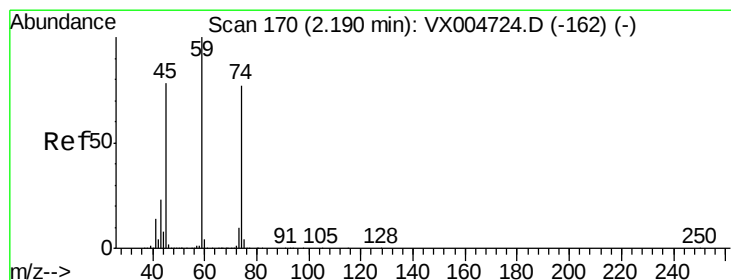
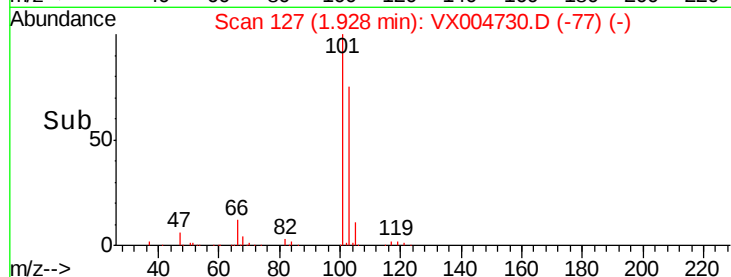
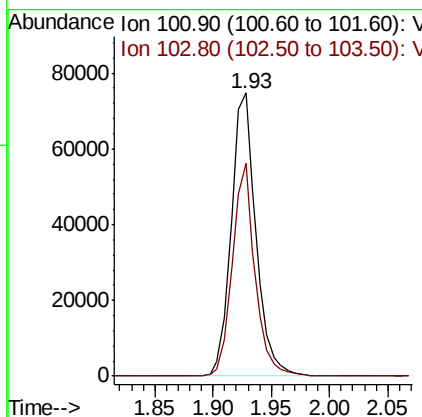
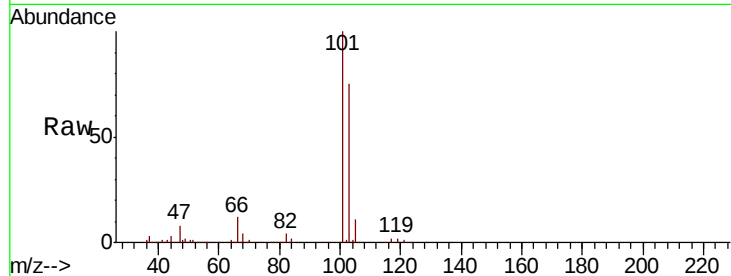
Trichlorofluoromethane
 Concen: 21.121 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
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 ClientSampleId :
 VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	110847		
103	75.1	48.9	73.3#	

Manual Integrations
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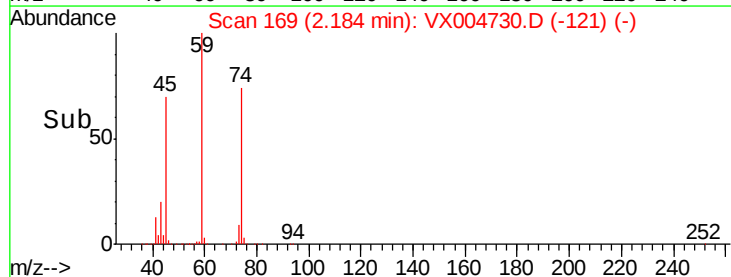
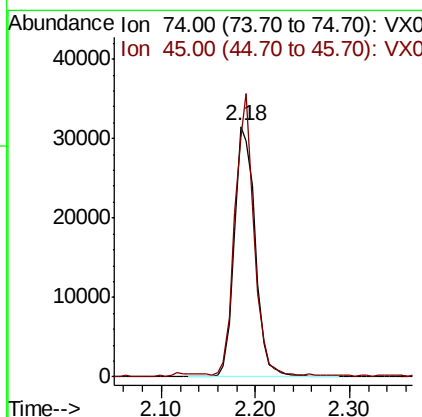
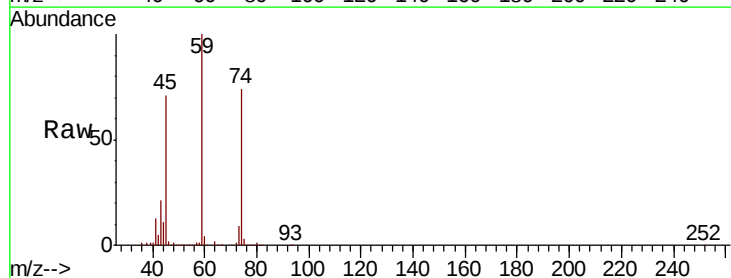
MMDadoda
 10/1/2018 1:31:00 PM

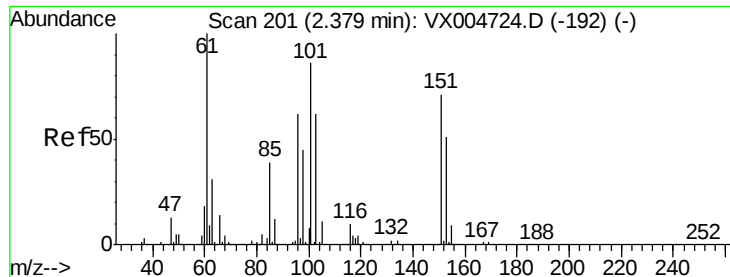


#8

Diethyl Ether
 Concen: 21.256 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	48463		
45	102.2	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.152 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

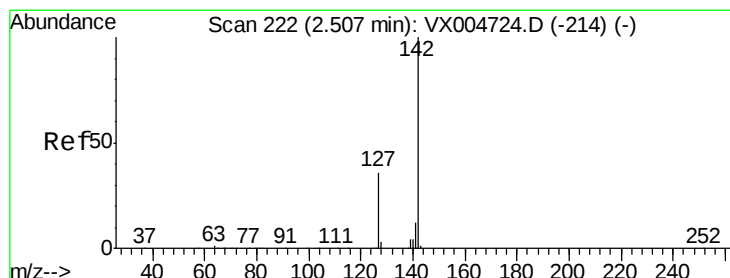
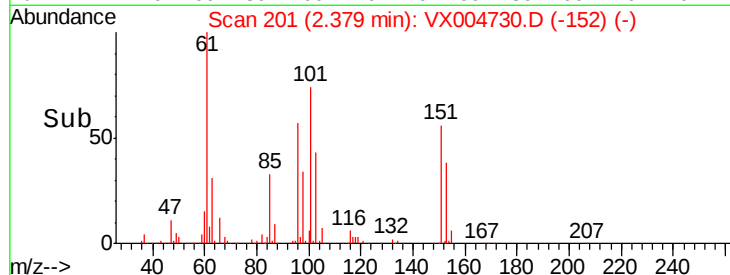
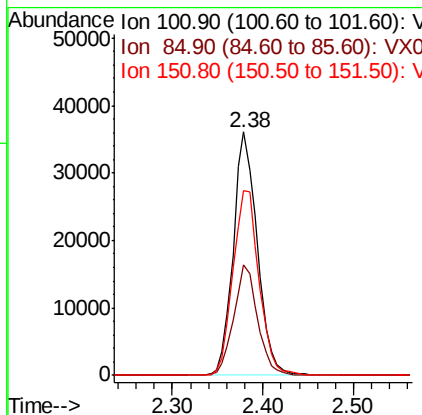
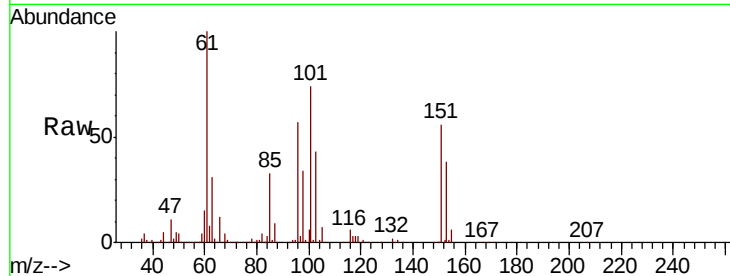
ClientSampleId :

VX0926WBS01

Tot Ion:	101	Resp:	66223
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.2	51.4
151	82.0	65.0	97.6

Manual Integrations
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10/1/2018 1:31:00 PM



#10

Methyl Iodide

Concen: 18.404 ug/l

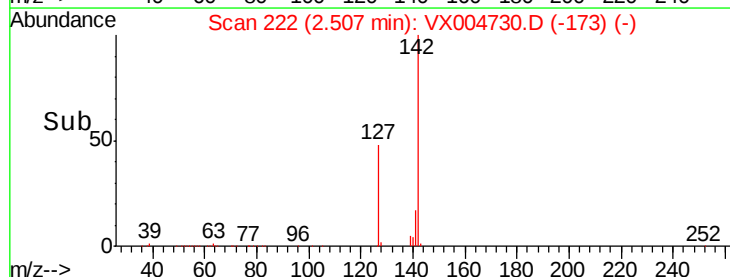
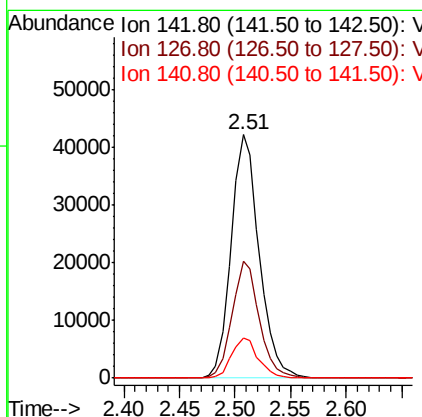
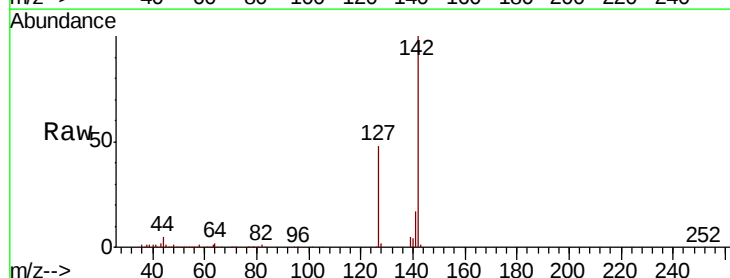
RT: 2.51 min Scan# 222

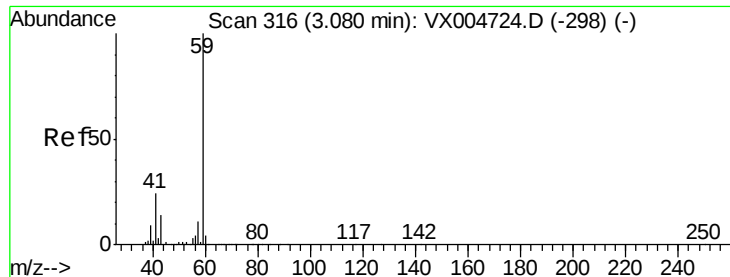
Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Tgt Ion:	142	Resp:	73623
Ion Ratio	Lower	Upper	
142	100		
127	46.4	33.8	50.6
141	15.7	11.4	17.0





#11

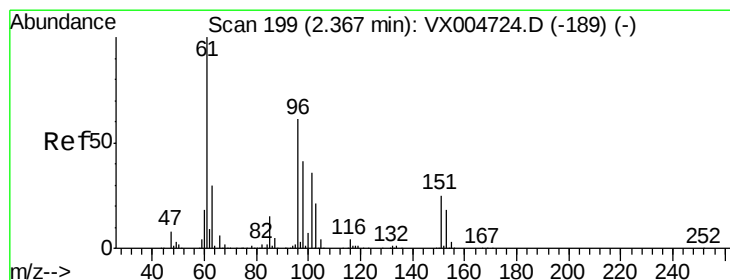
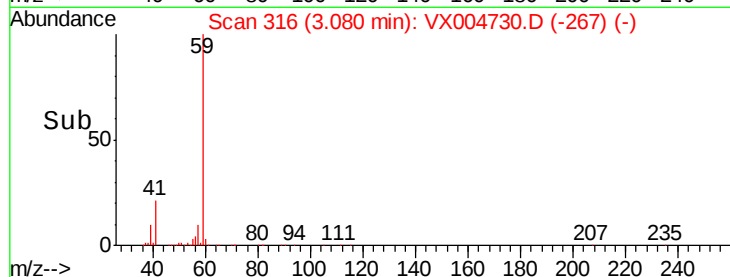
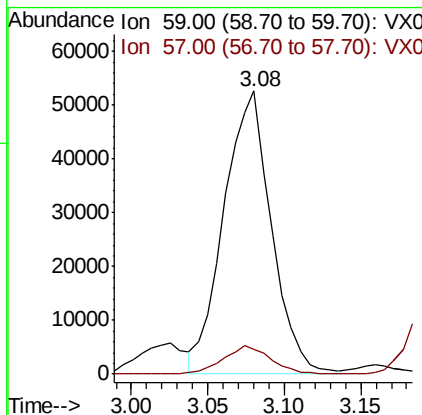
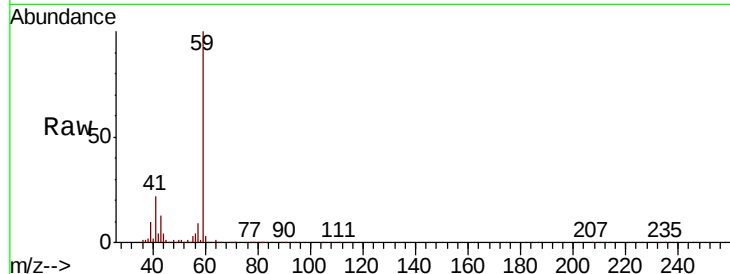
Tert butyl alcohol
 Concen: 103.831 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.4

Manual Integrations
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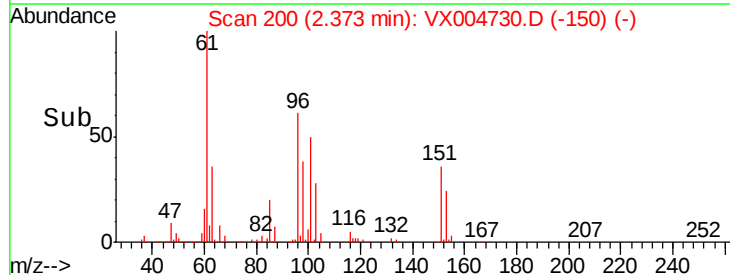
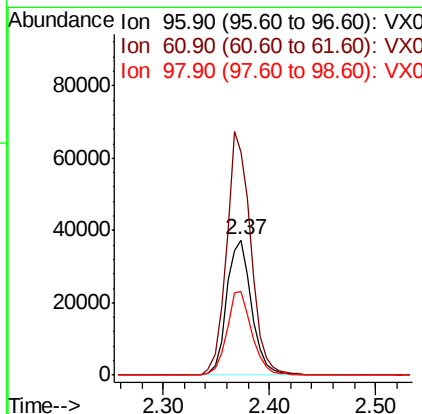
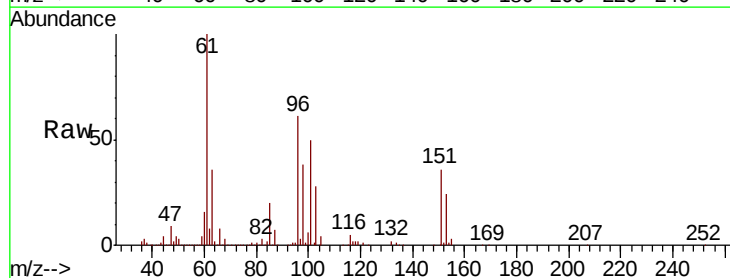
MMDadoda
 10/1/2018 1:31:00 PM

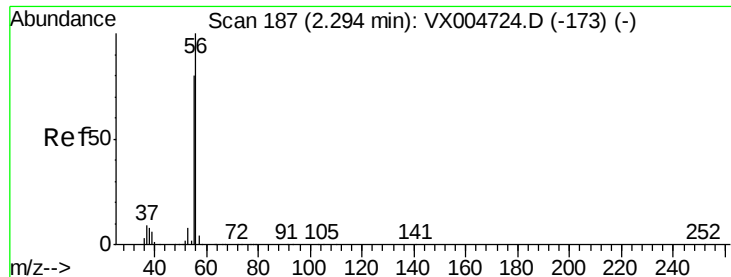


#12

1,1-Dichloroethene
 Concen: 20.707 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.8	128.8	193.2
98	62.1	52.2	78.2





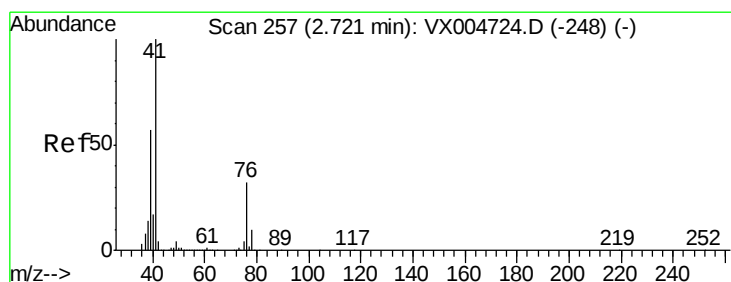
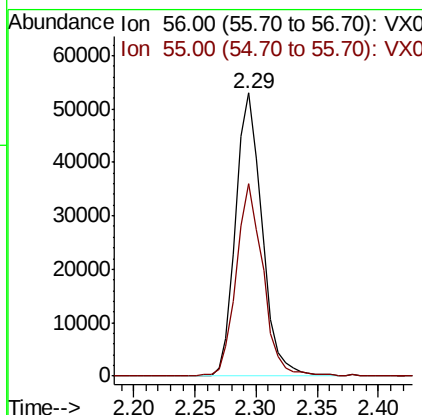
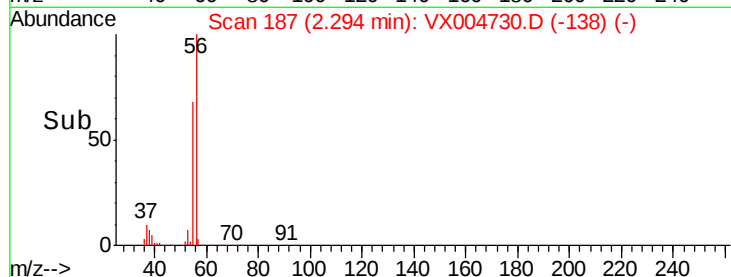
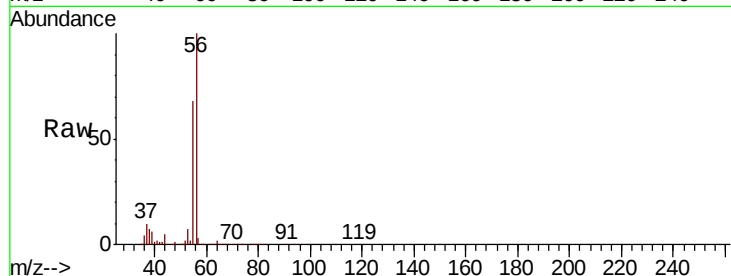
#13
Acrolein
Concen: 101.477 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.3	54.7	82.1

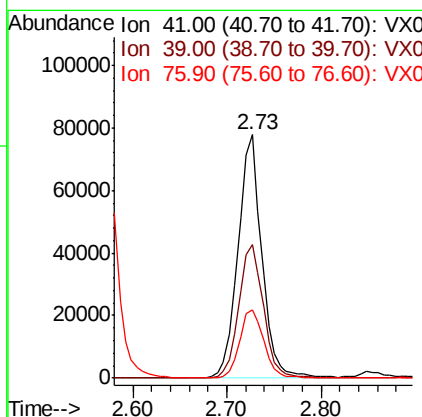
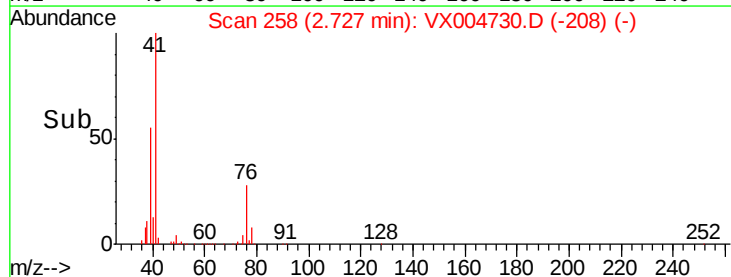
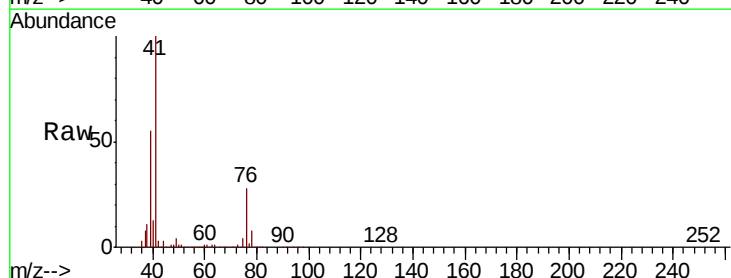
Manual Integrations
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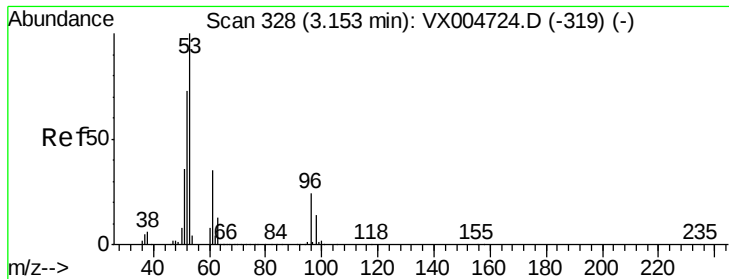
MMDadoda
10/1/2018 1:31:00 PM



#14
Allyl chloride
Concen: 21.186 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.5	48.9	73.3
76	29.0	26.7	40.1





#15

Acrylonitrile

Concen: 105.587 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

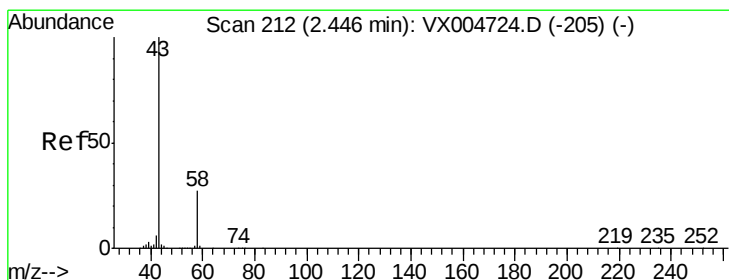
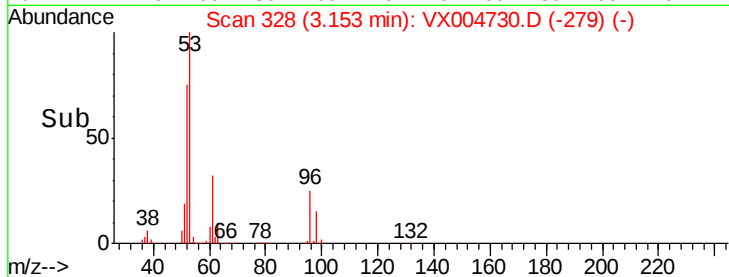
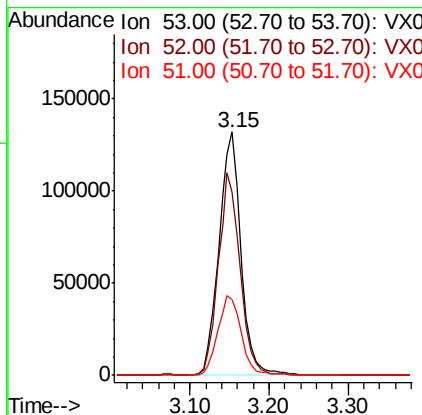
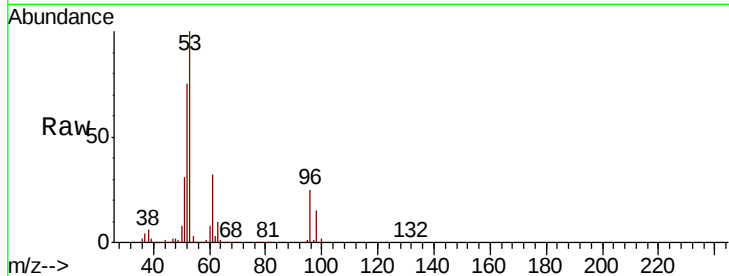
ClientSampleId :

VX0926WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.2	97.8
51	35.1	28.2	42.2

Manual Integrations
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10/1/2018 1:31:00 PM



#16

Acetone

Concen: 103.544 ug/l

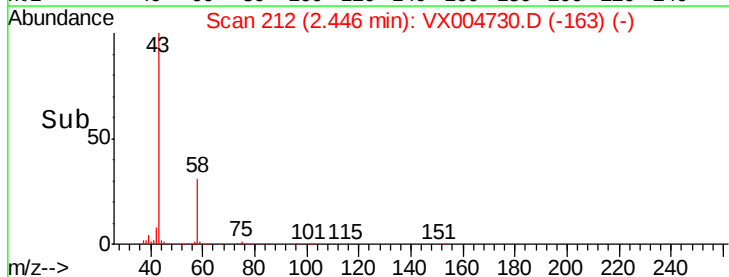
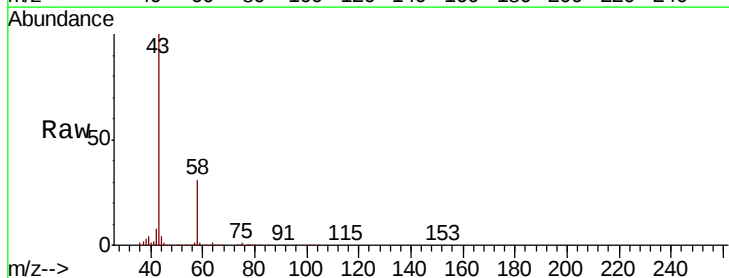
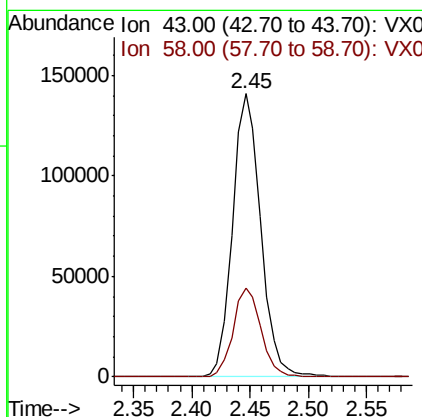
RT: 2.45 min Scan# 212

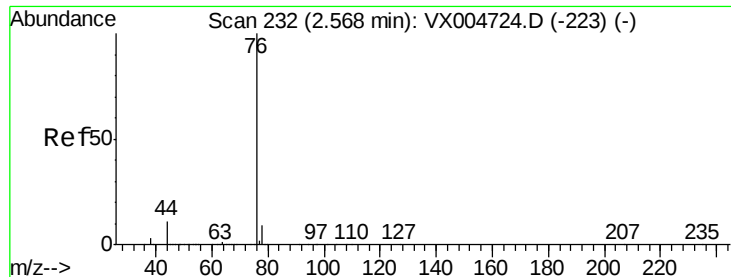
Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.2	26.2	39.4





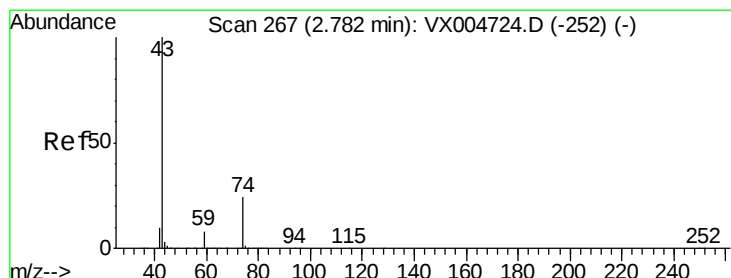
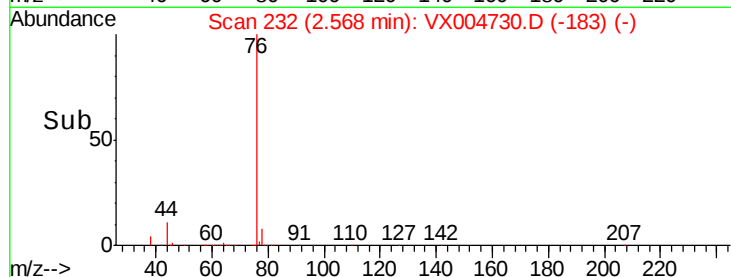
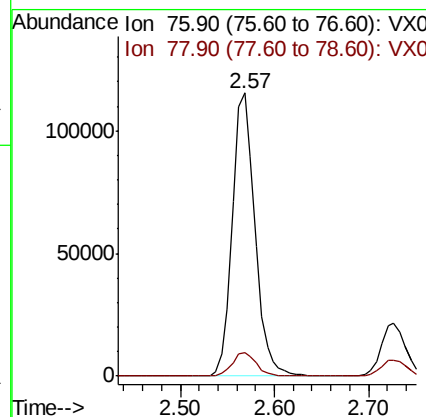
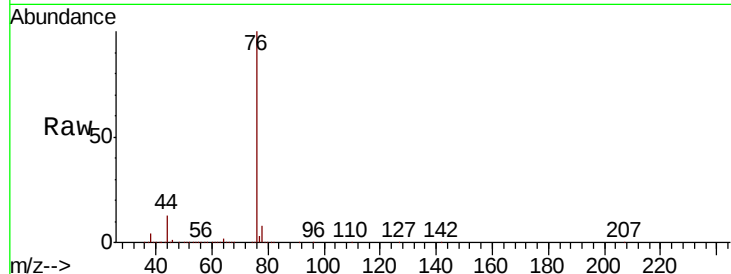
#17
Carbon Disulfide
Concen: 21.733 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampled :
VX0926WBS01

Tot Ion	Ion	Ratio	Lower	Upper
76	100			
78	8.3	7.0	10.6	

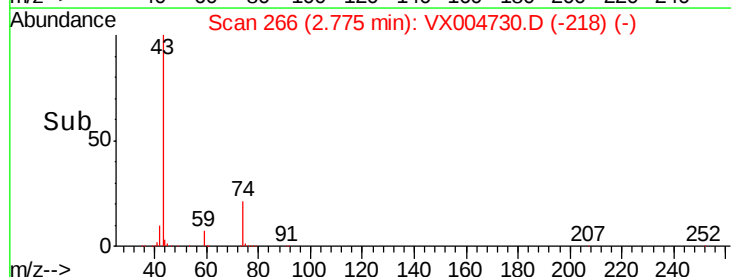
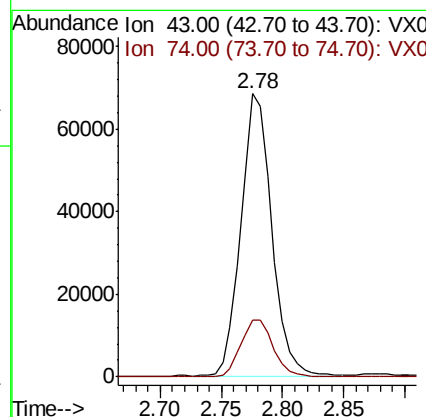
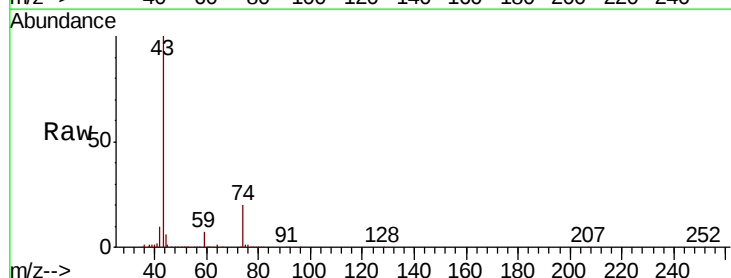
Manual Integrations
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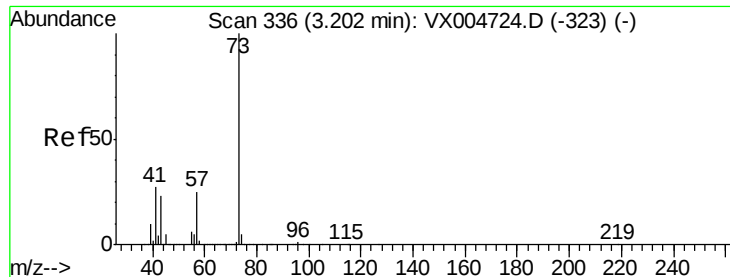
MMDadoda
10/1/2018 1:31:00 PM



#18
Methyl Acetate
Concen: 20.658 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
74	20.8	19.4	29.2	





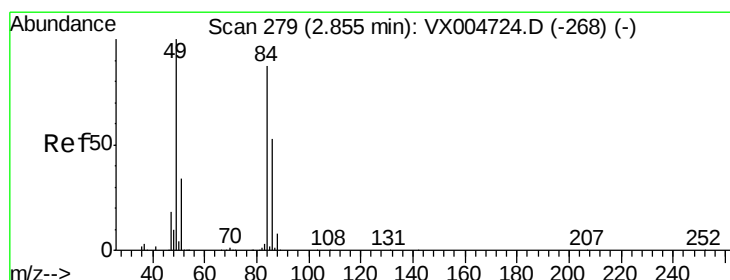
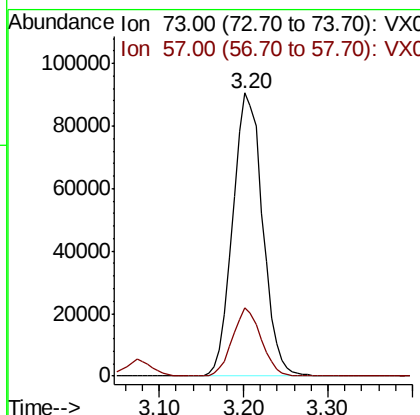
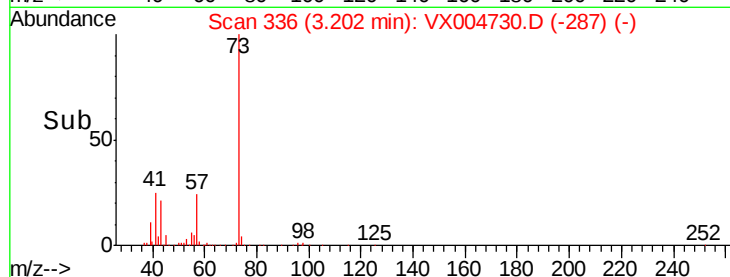
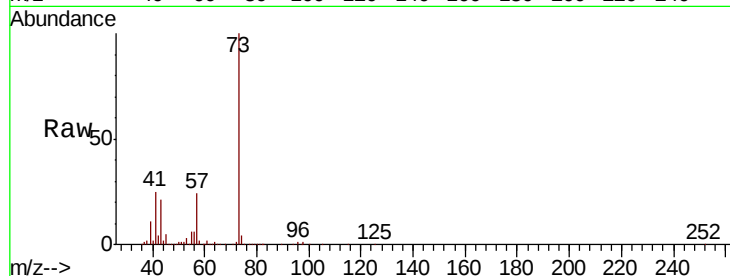
#19
Methyl tert-butyl Ether
Concen: 21.270 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.1	17.1	25.7

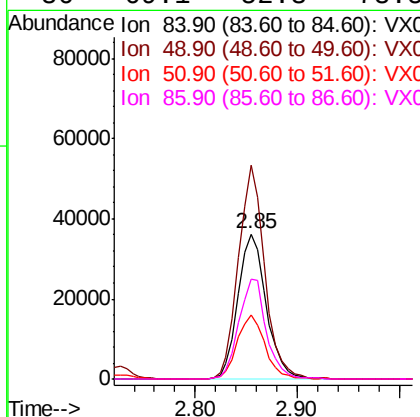
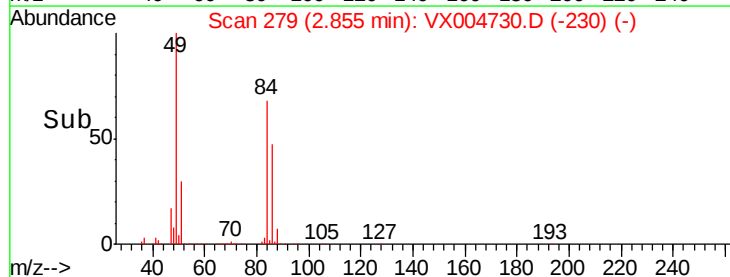
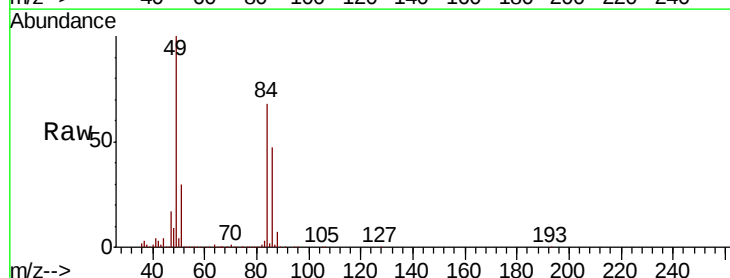
Manual Integrations
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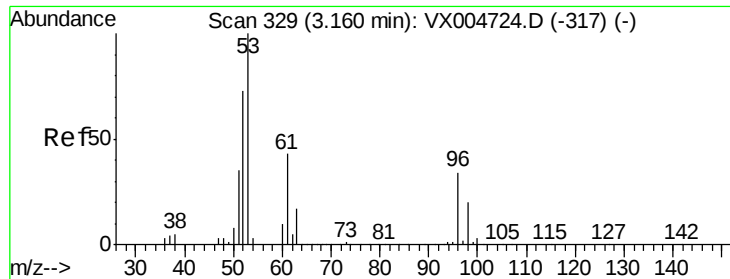
MMDadoda
10/1/2018 1:31:00 PM



#20
Methylene Chloride
Concen: 20.456 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.4	101.2	151.8
51	43.7	29.5	44.3
86	69.1	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 20.292 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

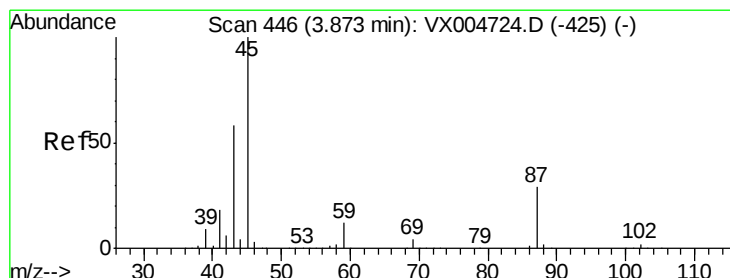
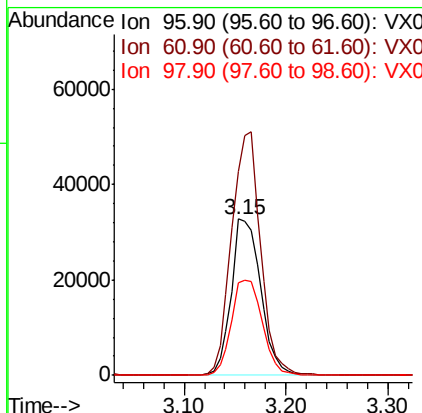
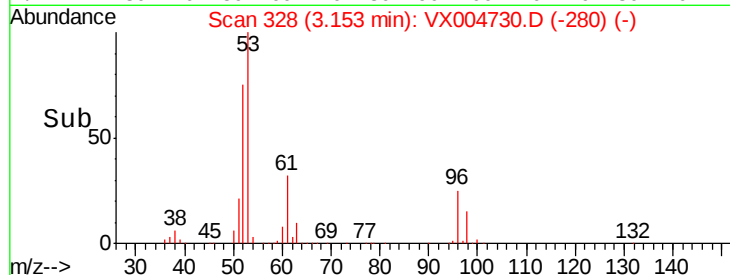
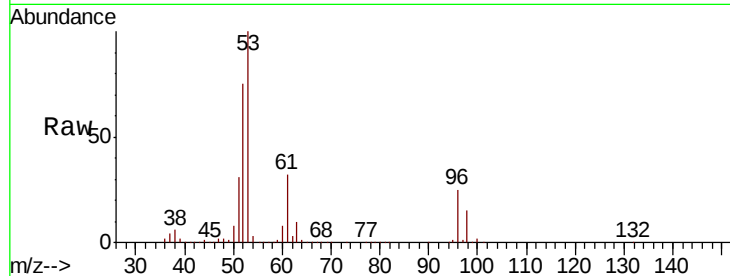
ClientSampleId :

VX0926WBS01

Tot Ion:	96	Resp:	65766
Ion	Ratio	Lower	Upper
96	100		
61	130.3	113.8	170.6
98	59.1	51.8	77.8

Manual Integrations
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10/1/2018 1:31:00 PM



#22

Diisopropyl ether

Concen: 21.287 ug/l

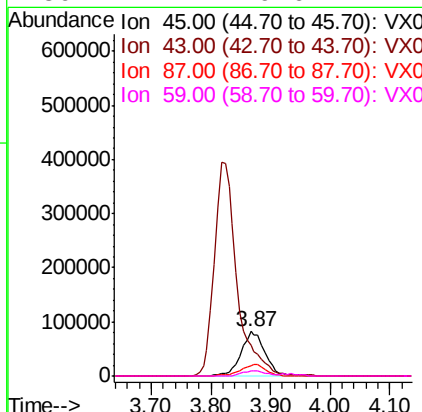
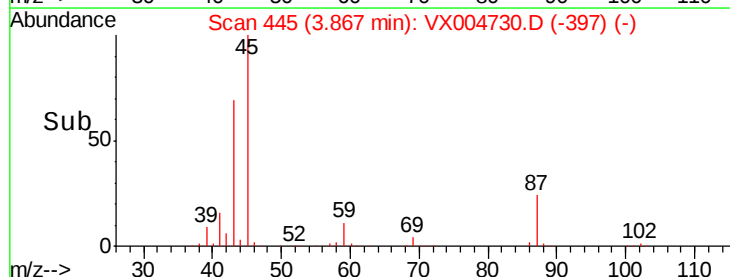
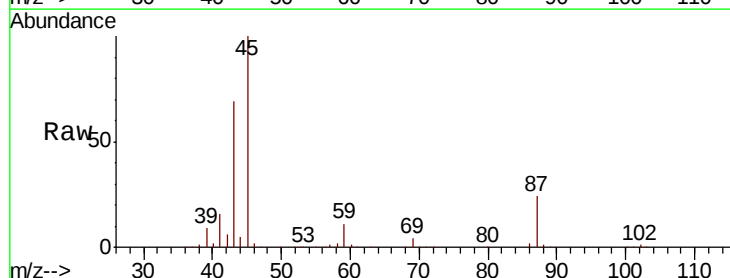
RT: 3.87 min Scan# 445

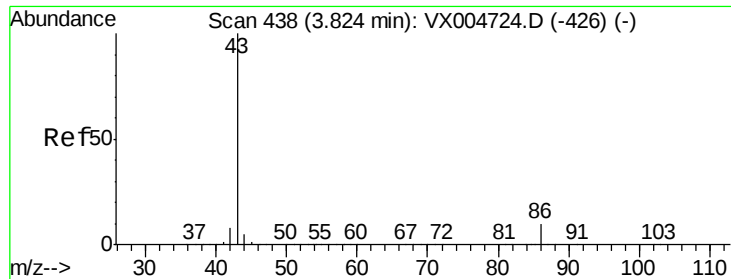
Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Tgt Ion:	45	Resp:	231553
Ion	Ratio	Lower	Upper
45	100		
43	68.8	42.8	64.2#
87	23.6	22.6	34.0
59	11.2	9.6	14.4





#23

Vinyl Acetate

Concen: 104.780 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 43 Resp: 1043295

Ion Ratio Lower Upper

43 100

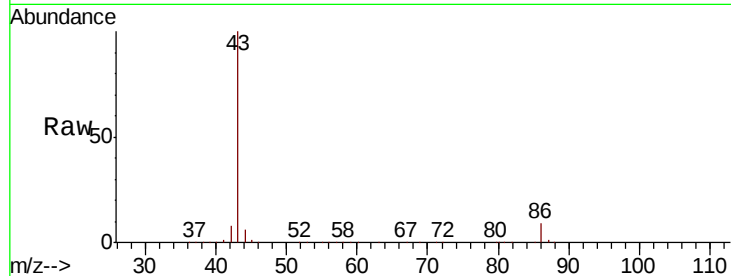
86 9.4 8.9 13.3

Manual Integrations

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10/1/2018 1:31:00 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

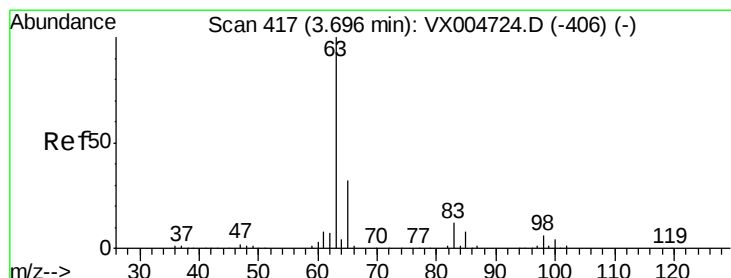
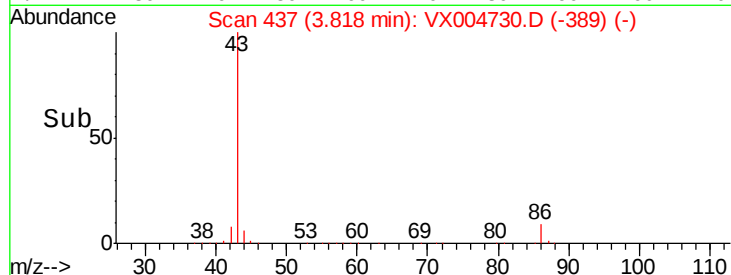
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.645 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

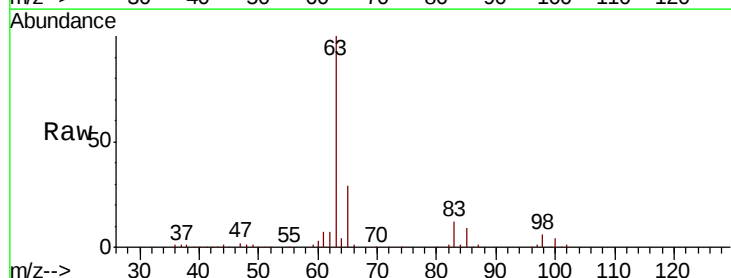
Tgt Ion: 63 Resp: 127472

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 3.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

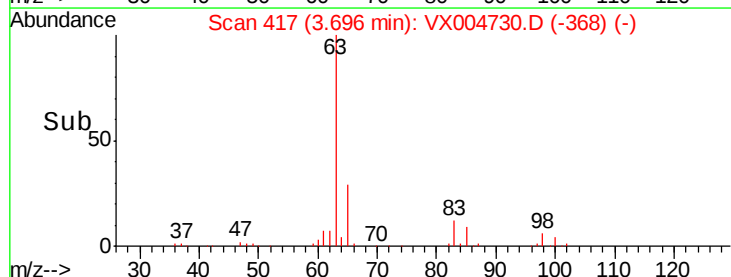
60000

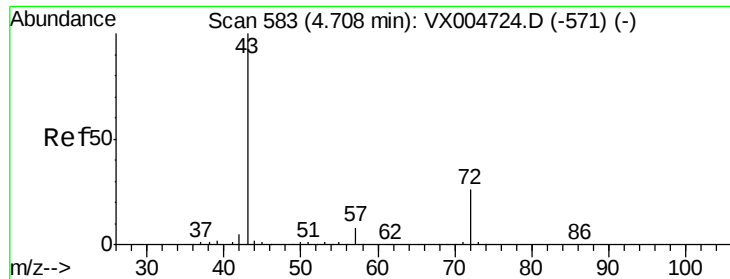
40000

20000

0

Time-->





#25

2-Butanone

Concen: 105.856 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 43 Resp: 355565

Ion Ratio Lower Upper

43 100

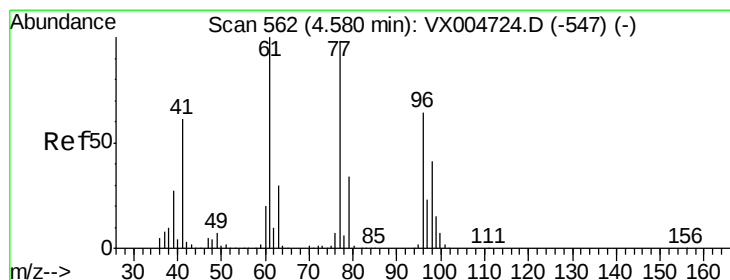
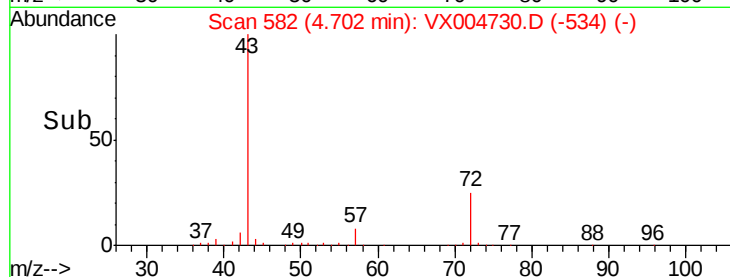
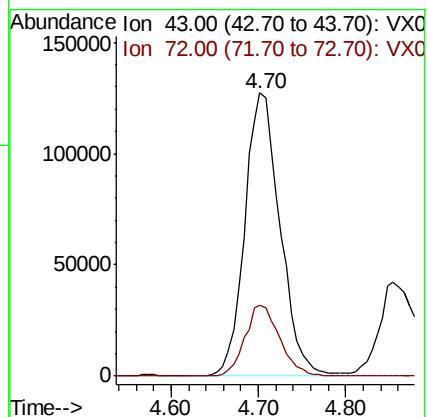
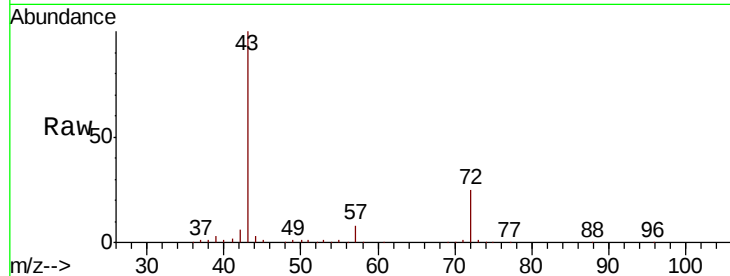
72 25.0 22.0 33.0

Manual Integrations

APPROVED

MMDadoda

10/1/2018 1:31:00 PM



#26

2,2-Dichloropropane

Concen: 20.945 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX004730.D

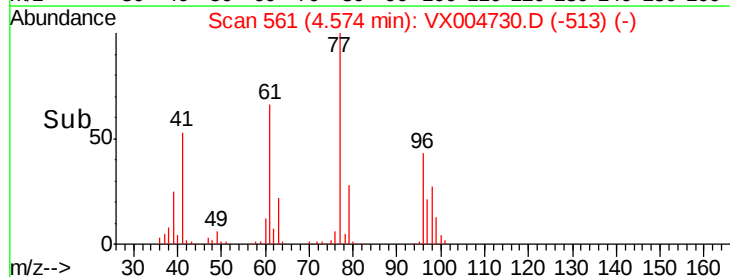
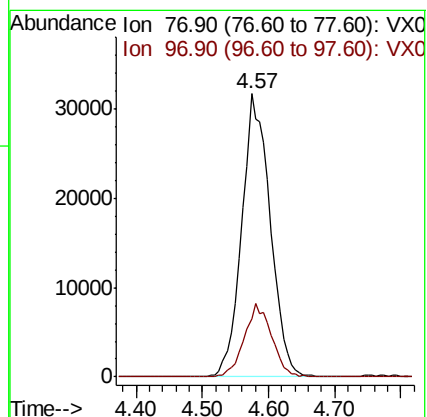
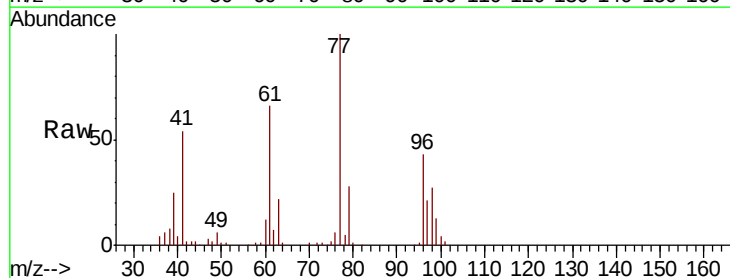
Acq: 26 Sep 2018 17:01

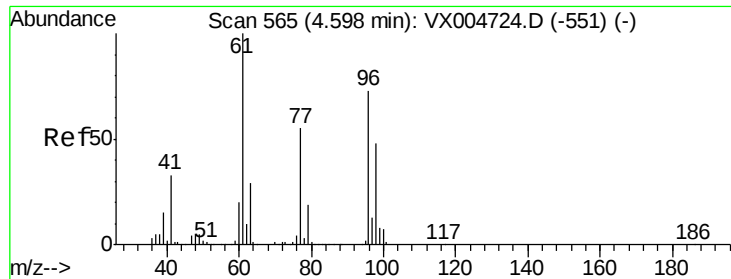
Tgt Ion: 77 Resp: 94637

Ion Ratio Lower Upper

77 100

97 24.9 11.7 35.0





#27

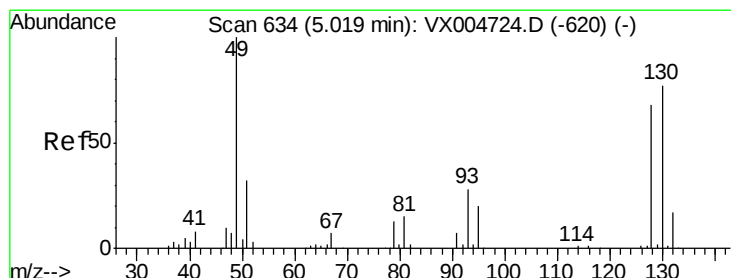
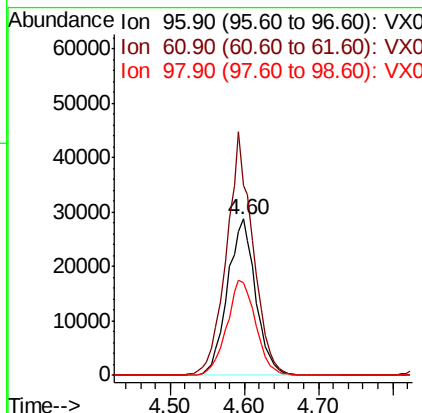
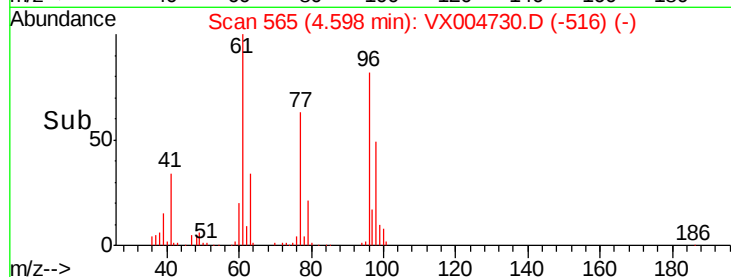
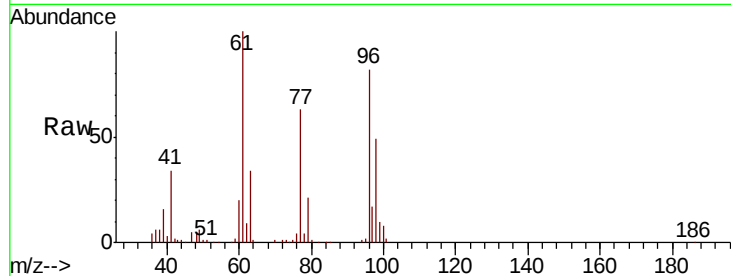
cis-1,2-Dichloroethene
Concen: 20.998 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	282.6
98	62.5	0.0	130.2

Manual Integrations
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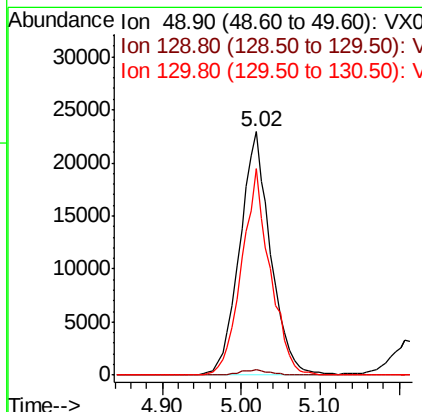
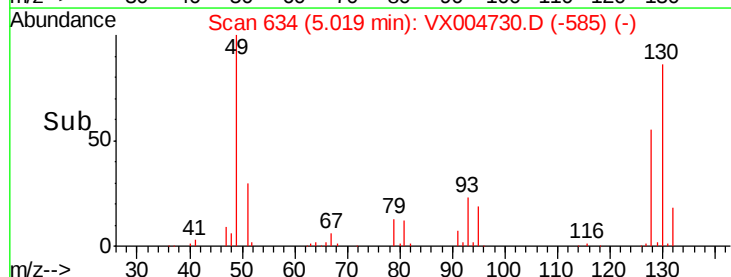
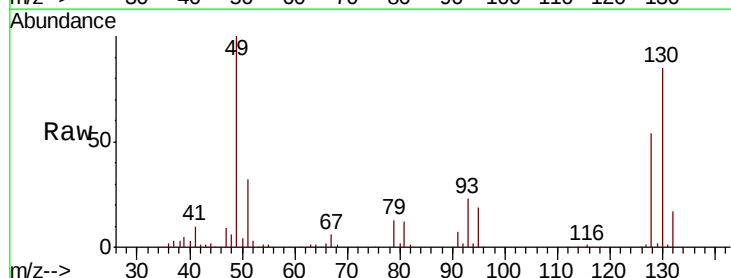
MMDadoda
10/1/2018 1:31:00 PM

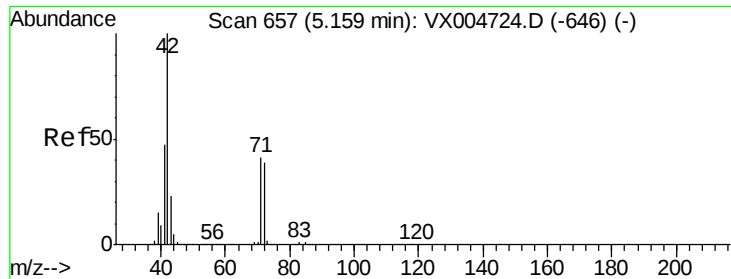


#28

Bromochloromethane
Concen: 20.428 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	78.1	67.5	101.3





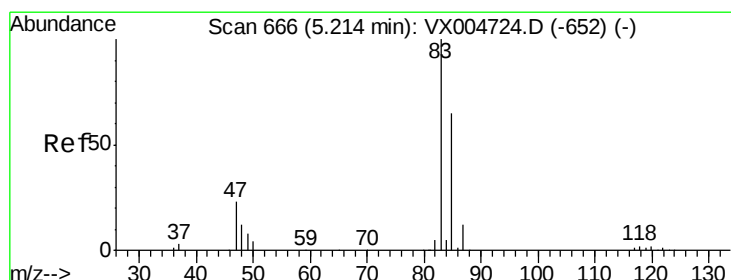
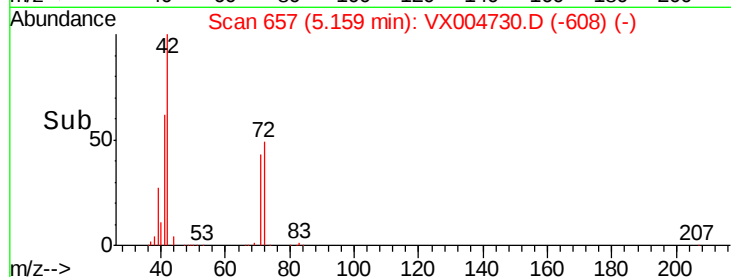
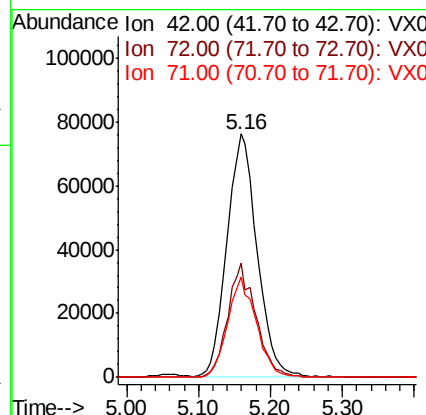
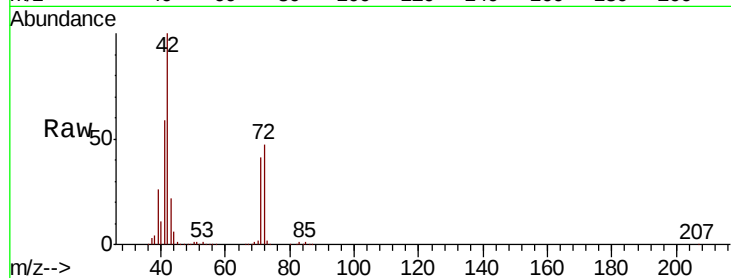
#29
Tetrahydrofuran
Concen: 106.171 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	37.4	56.0
71	39.3	34.5	51.7

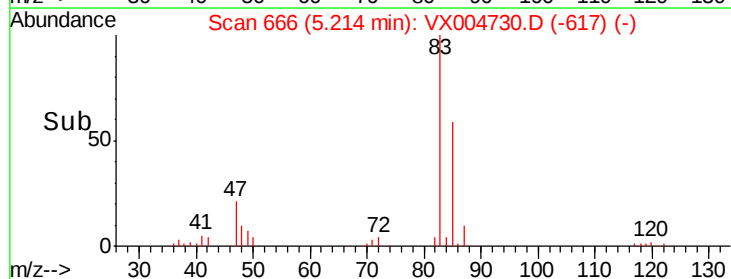
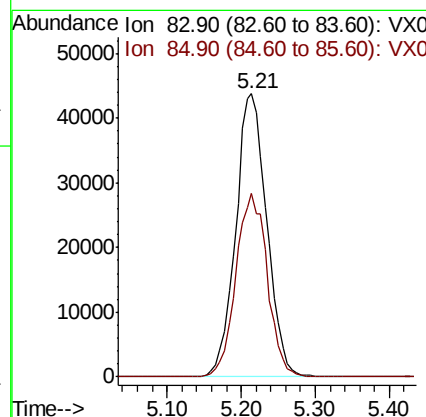
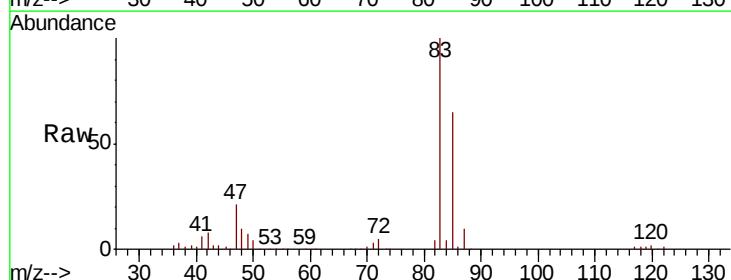
Manual Integrations
APPROVED

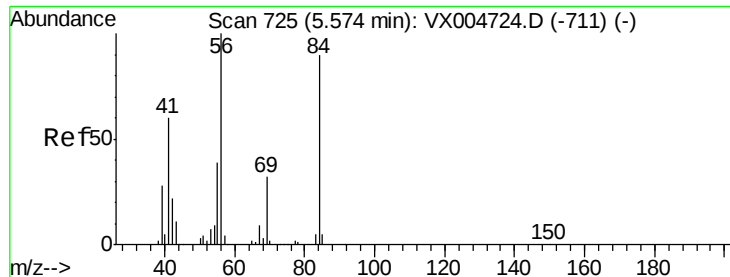
MMDadoda
10/1/2018 1:31:00 PM



#30
Chloroform
Concen: 20.865 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.6	79.0





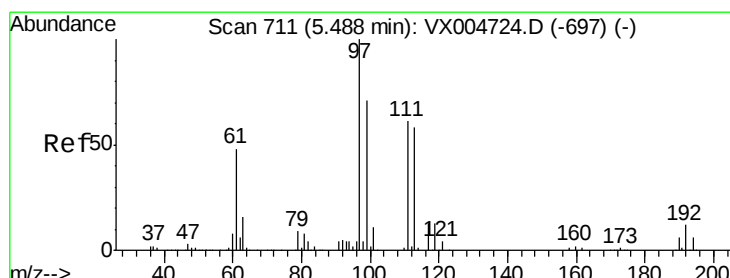
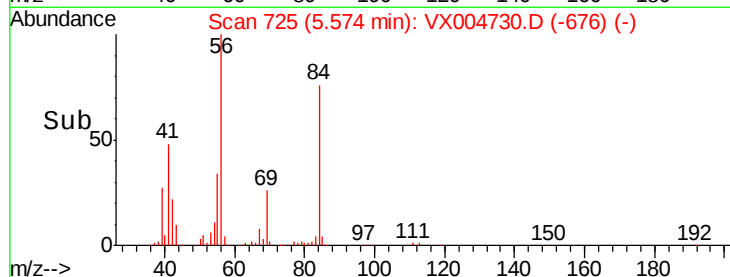
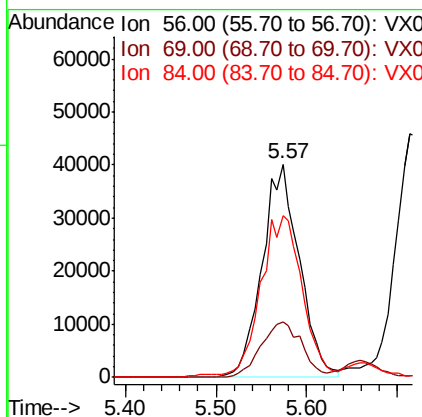
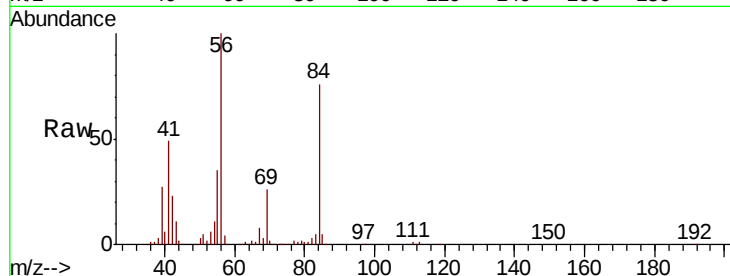
#31
Cyclohexane
Concen: 22.998 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.2	25.4	38.2
84	74.8	71.4	107.2

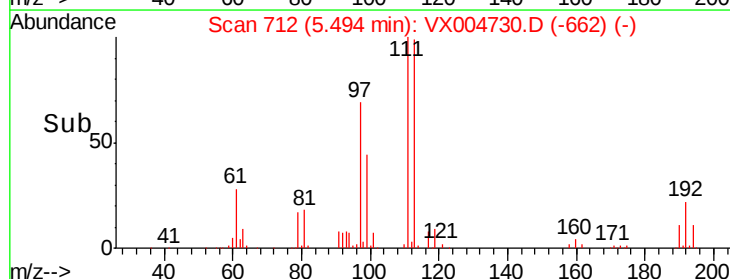
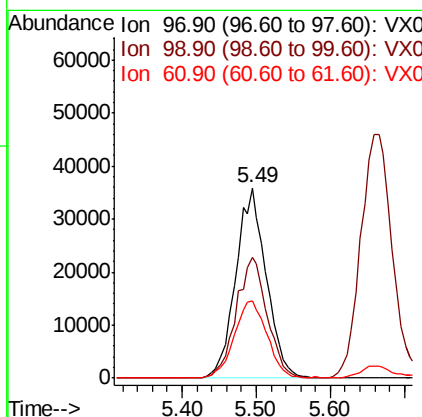
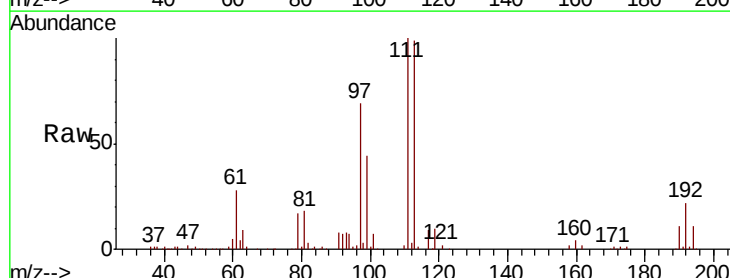
Manual Integrations
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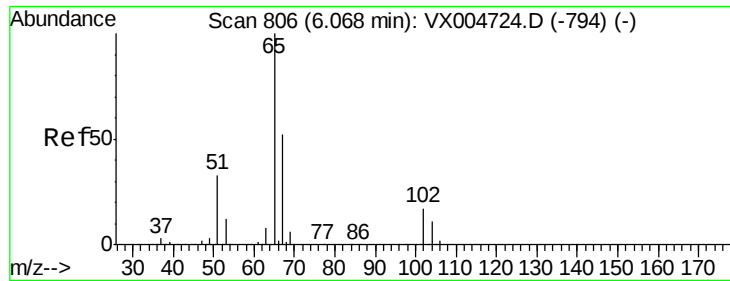
MMDadoda
10/1/2018 1:31:00 PM



#32
1,1,1-Trichloroethane
Concen: 20.481 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.0	78.0
61	43.9	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 52.028 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 65 Resp: 203074

Ion Ratio Lower Upper

65 100

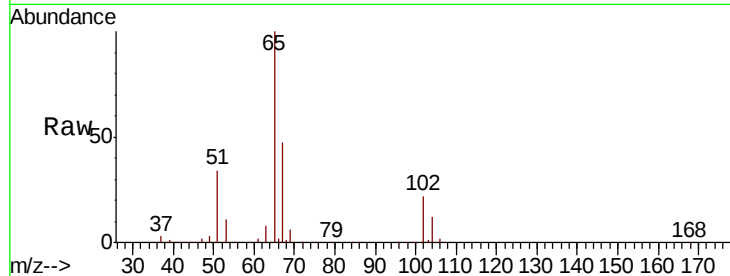
67 53.5 0.0 106.8

Manual Integrations

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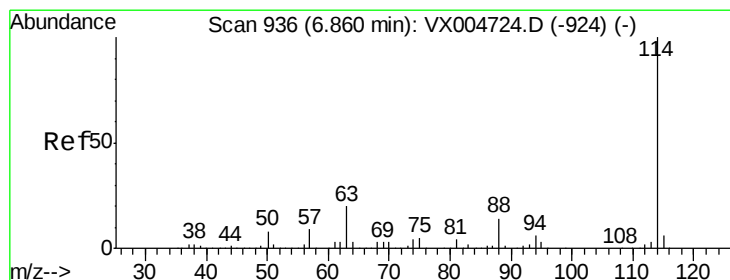
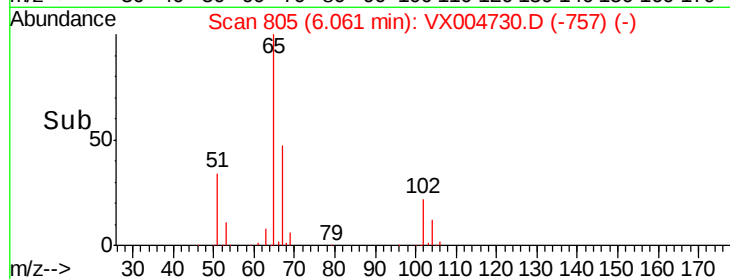
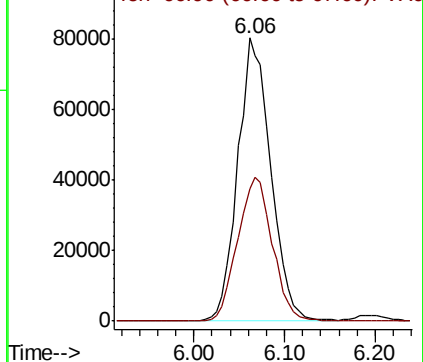
MMDadoda

10/1/2018 1:31:00 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

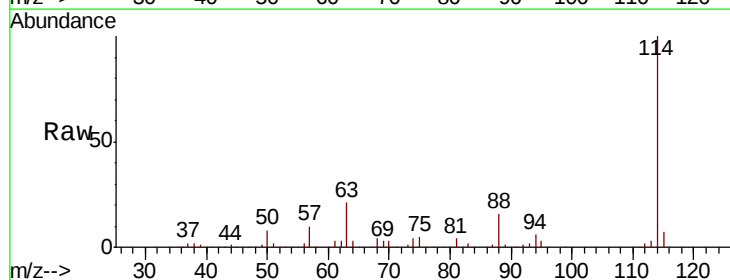
Tgt Ion: 114 Resp: 381290

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.0

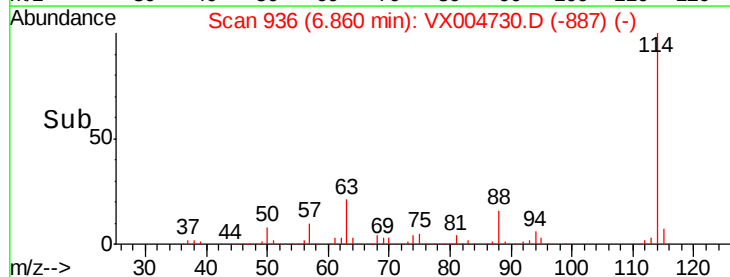
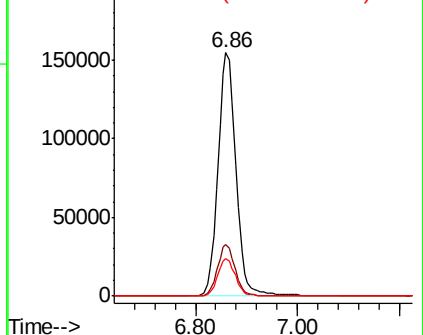
88 15.6 0.0 30.4

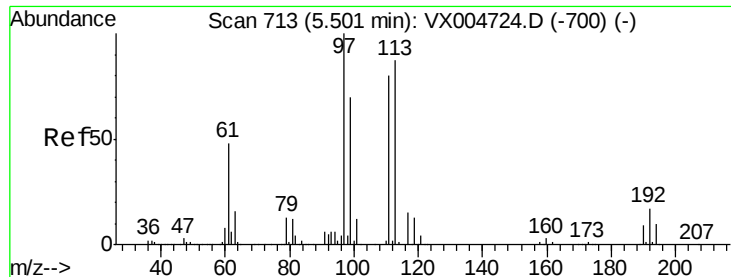


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





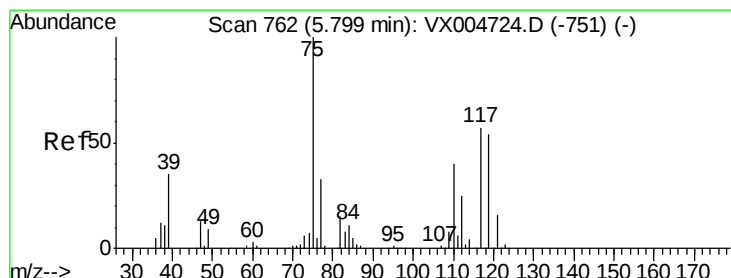
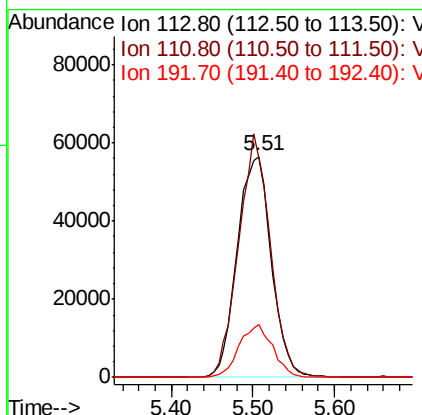
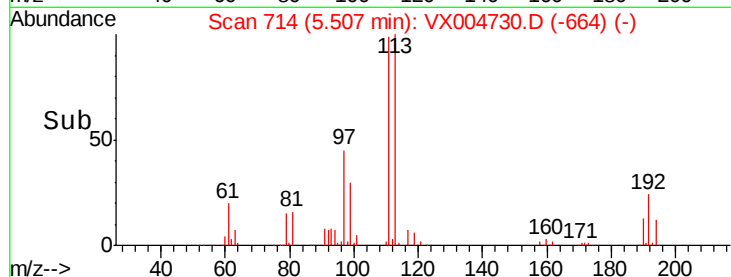
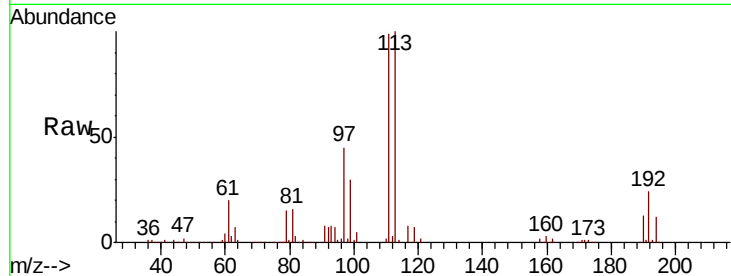
#35
 Dibromofluoromethane
 Concen: 50.941 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	164615		
111	101.9	82.4	123.6	
192	23.6	19.4	29.2	

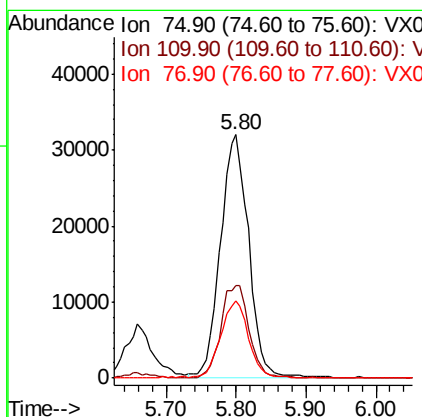
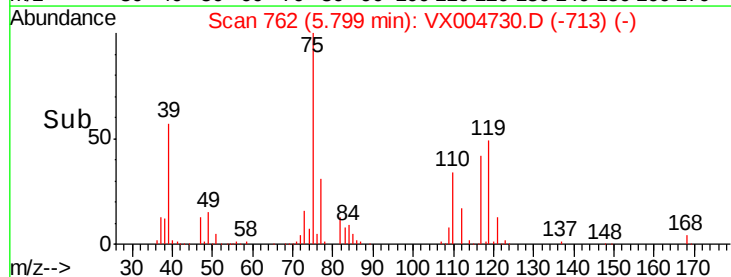
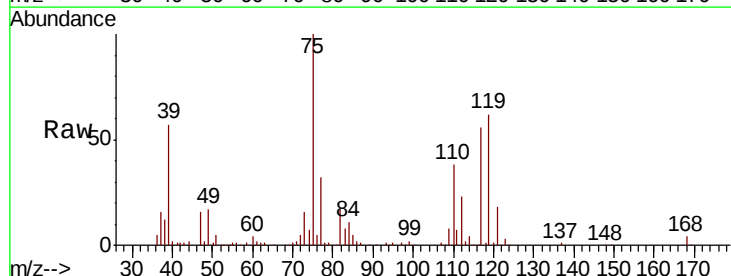
Manual Integrations
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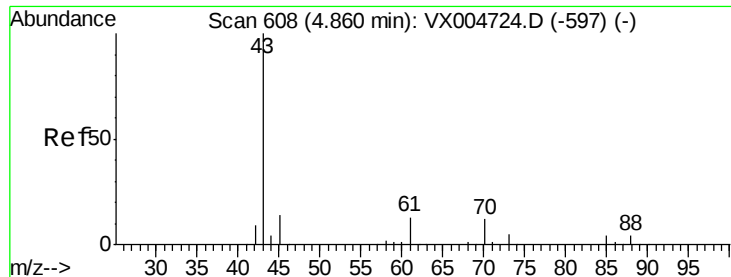
MMDadoda
 10/1/2018 1:31:00 PM



#36
 1,1-Dichloropropene
 Concen: 20.185 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	88996		
110	38.5	18.0	54.0	
77	31.0	24.6	36.8	





#37

Ethyl Acetate

Concen: 21.228 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

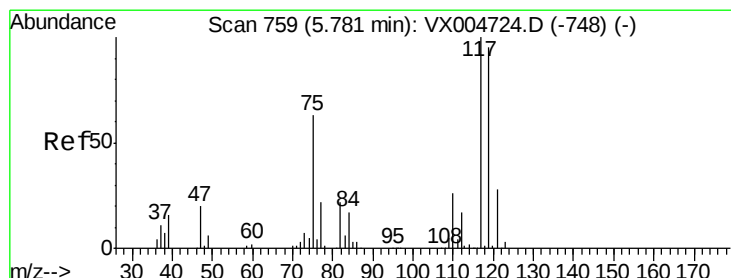
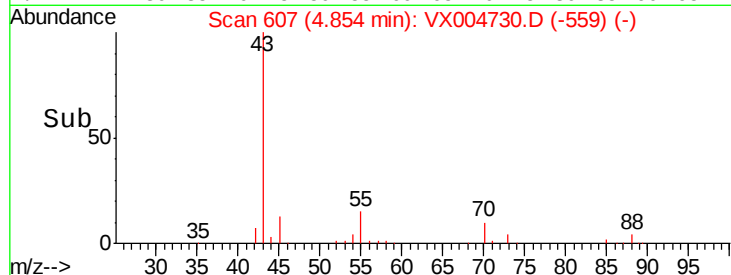
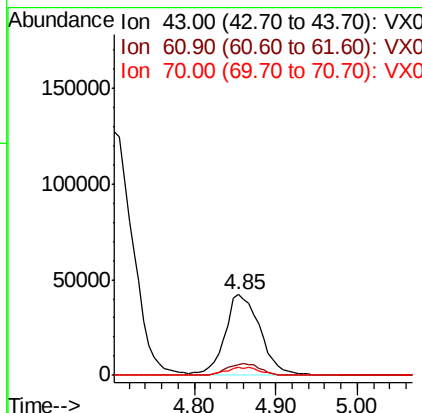
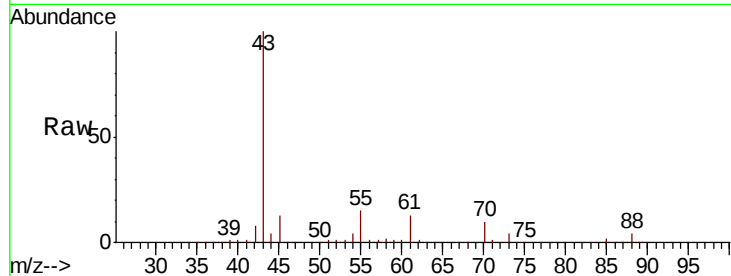
ClientSampleId :

VX0926WBS01

Tot Ion:	43	Resp:	124233
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.5	17.3
70	9.9	9.0	13.6

Manual Integrations
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10/1/2018 1:31:00 PM



#38

Carbon Tetrachloride

Concen: 19.466 ug/l

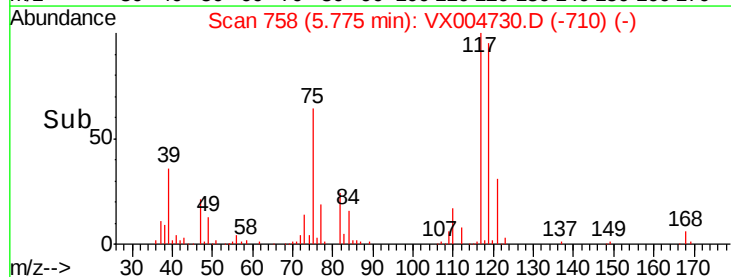
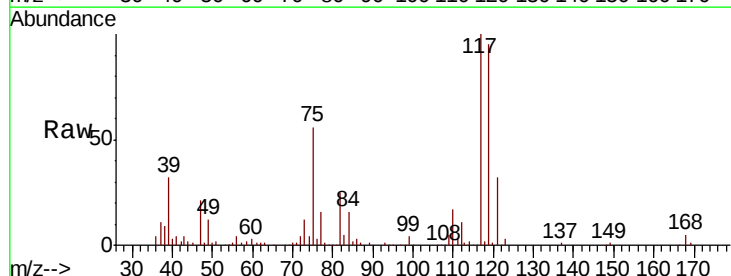
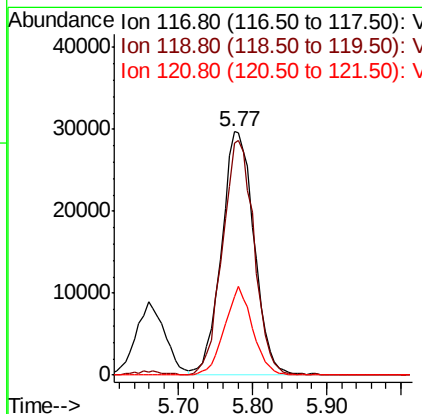
RT: 5.77 min Scan# 758

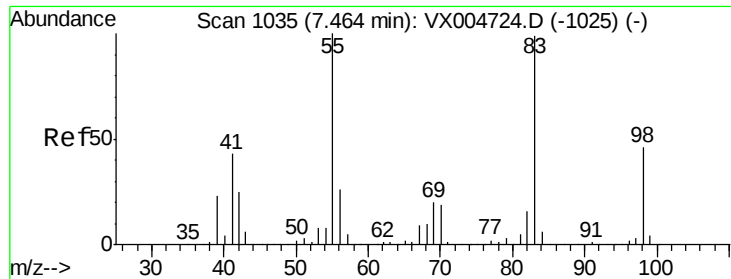
Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Tgt Ion:	117	Resp:	90217
Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.8	118.2
121	32.4	24.9	37.3





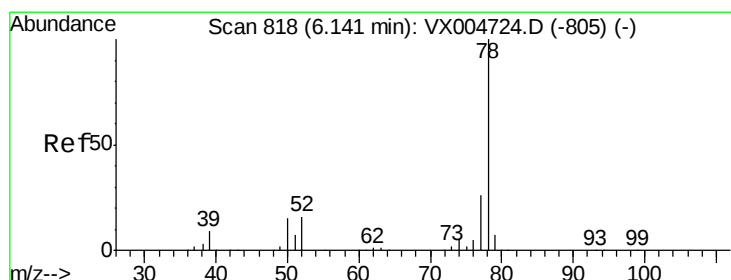
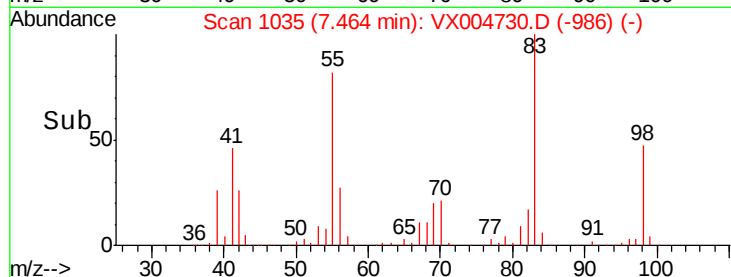
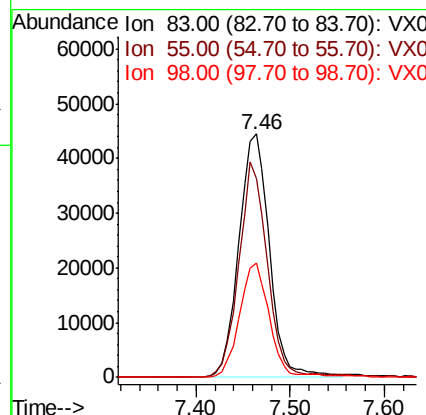
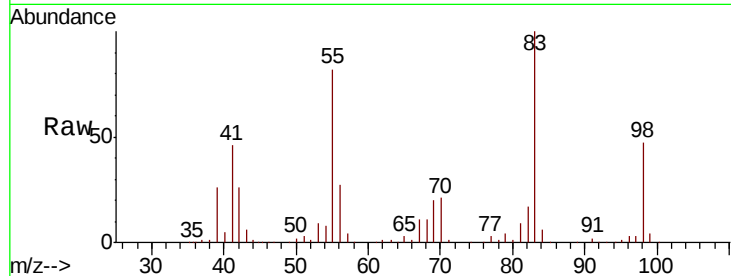
#39
Methylvlcyclohexane
Concen: 22.360 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.8	61.0	91.4	
98	47.2	39.6	59.4	

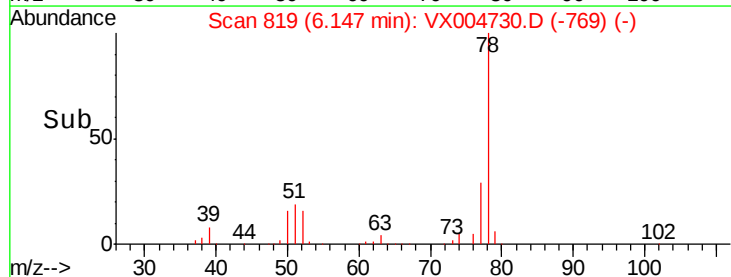
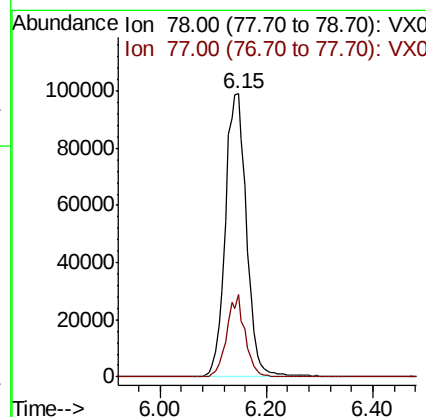
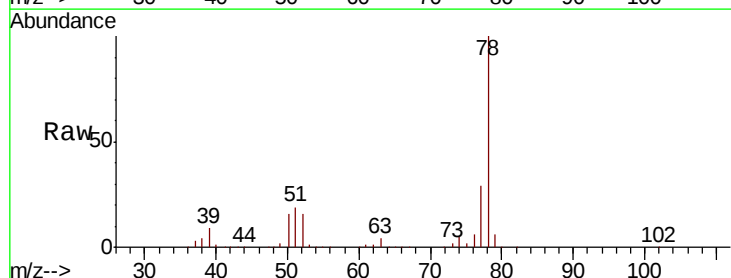
Manual Integrations
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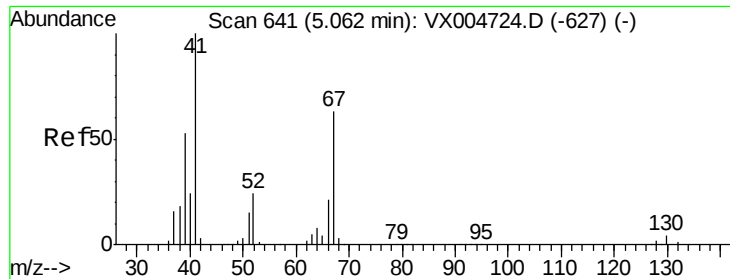
MMDadoda
10/1/2018 1:31:00 PM



#40
Benzene
Concen: 20.084 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	29.3	19.0	28.4	





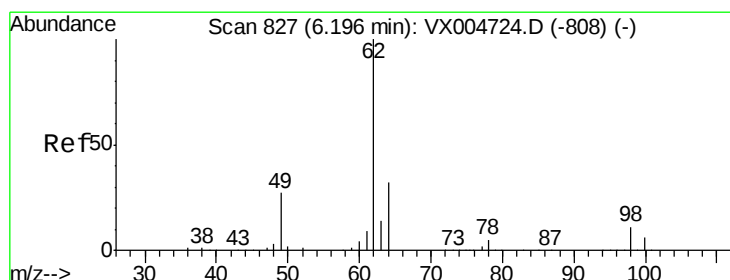
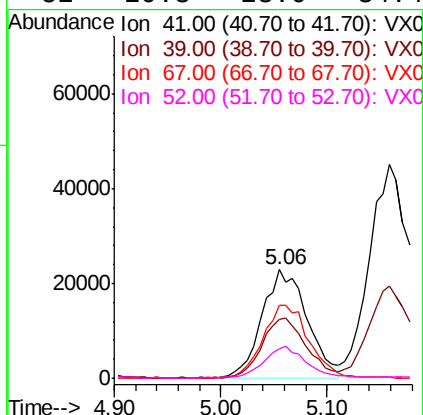
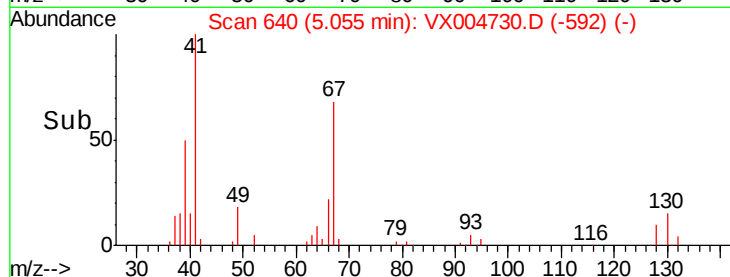
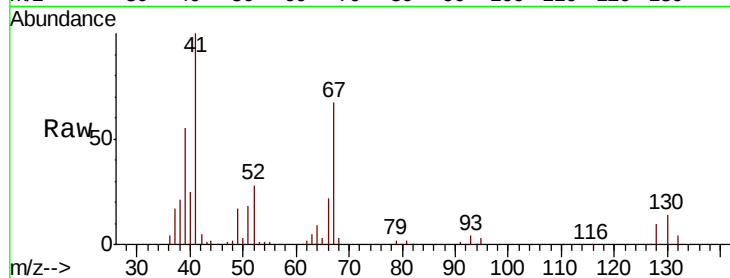
#41
Methacrylonitrile
Concen: 20.741 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.6	42.4	63.6
67	69.7	59.2	88.8
52	29.3	23.0	34.4

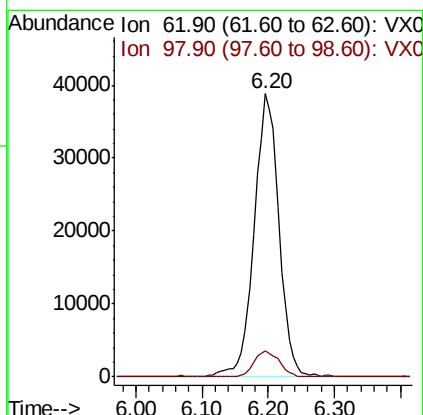
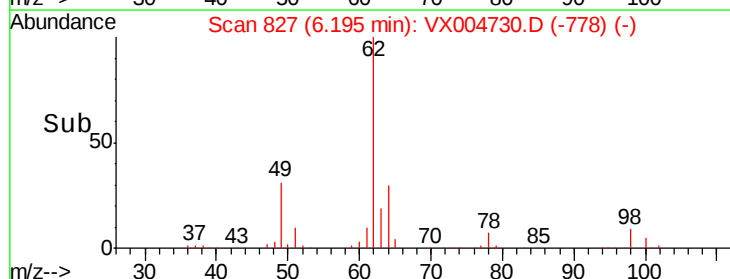
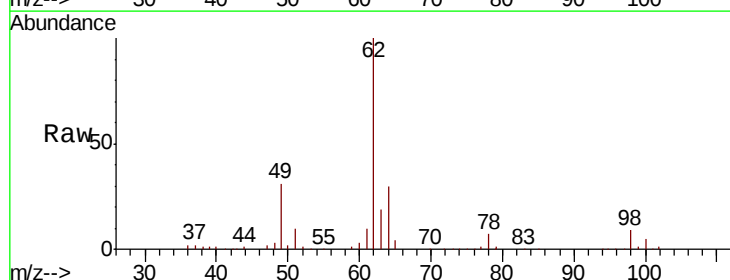
Manual Integrations
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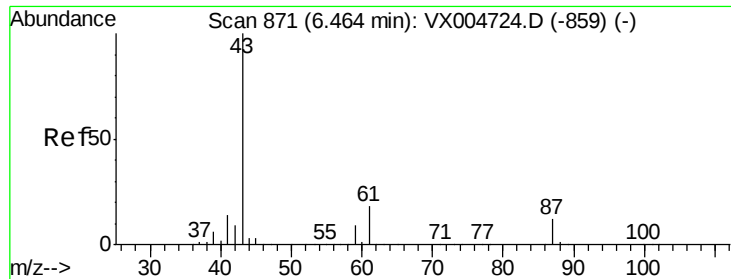
MMDadoda
10/1/2018 1:31:00 PM



#42
1,2-Dichloroethane
Concen: 20.693 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.6





#43

Isopropyl Acetate

Concen: 21.125 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

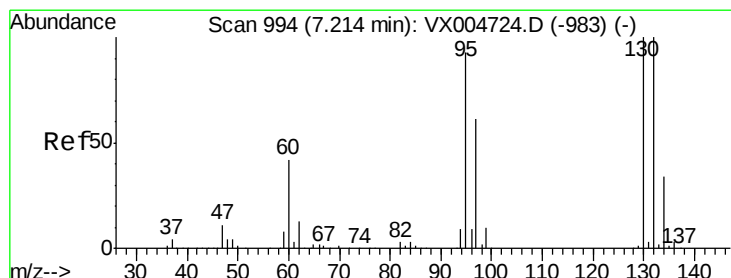
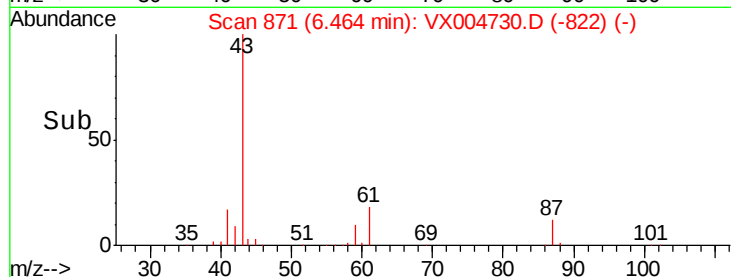
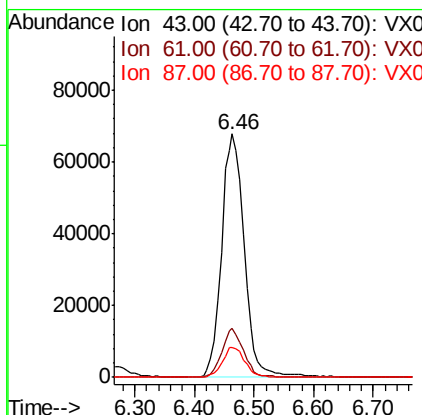
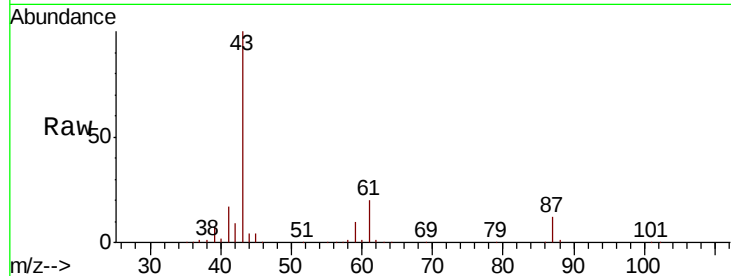
ClientSampled :

VX0926WBS01

Tot Ion:	43	Resp:	178445
Ion	Ratio	Lower	Upper
43	100		
61	19.2	17.0	25.4
87	12.2	11.4	17.2

Manual Integrations
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MMDadoda
10/1/2018 1:31:00 PM



#44

Trichloroethene

Concen: 21.123 ug/l

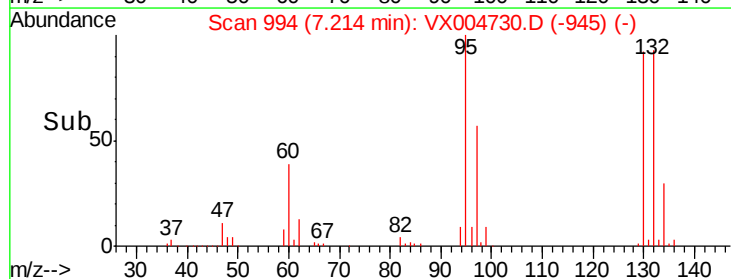
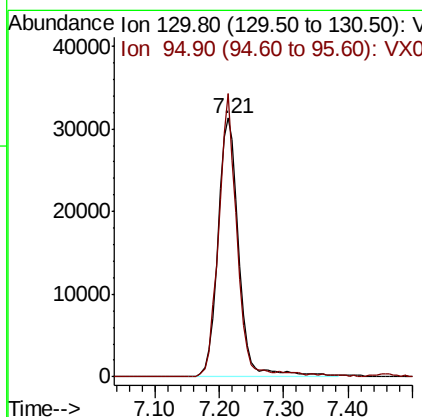
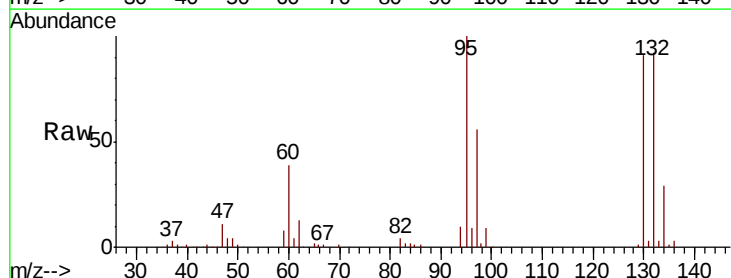
RT: 7.21 min Scan# 994

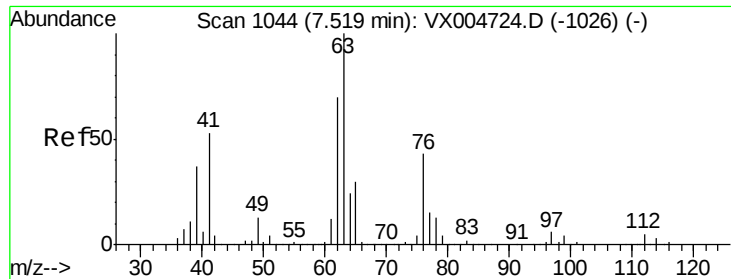
Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Tgt Ion:	130	Resp:	71676
Ion	Ratio	Lower	Upper
130	100		
95	109.4	0.0	181.6





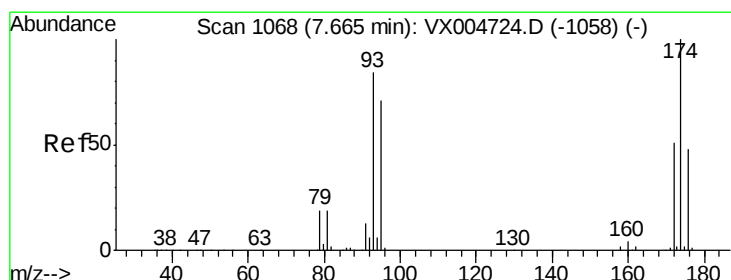
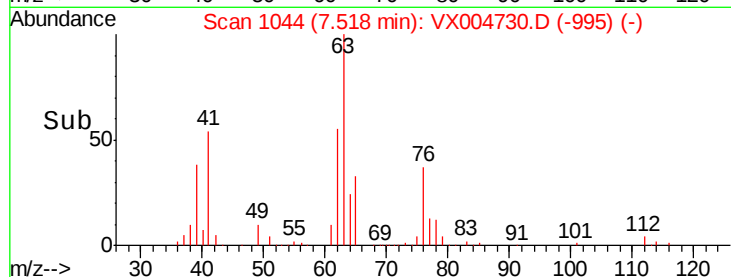
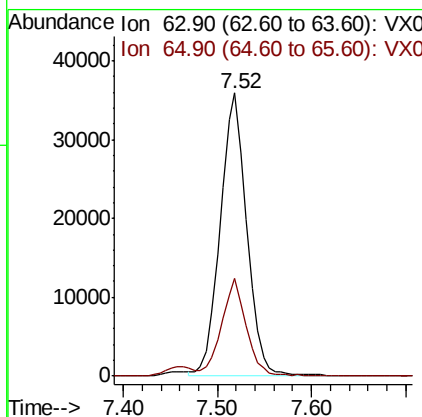
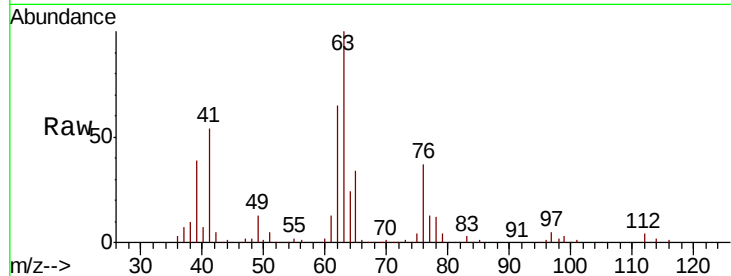
#45
 1,2-Dichloropropane
 Concen: 20.519 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion: 63 Resp: 69457
 Ion Ratio Lower Upper
 63 100
 65 34.3 24.3 36.5

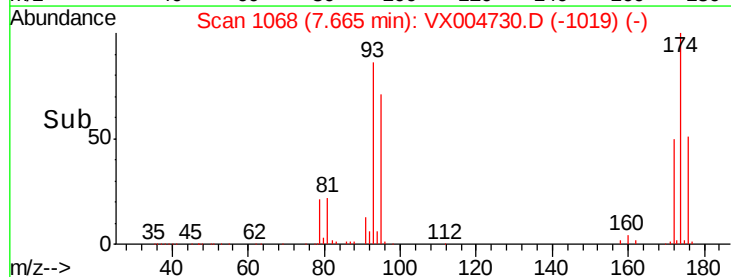
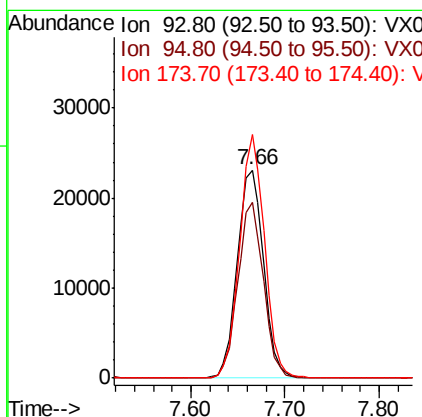
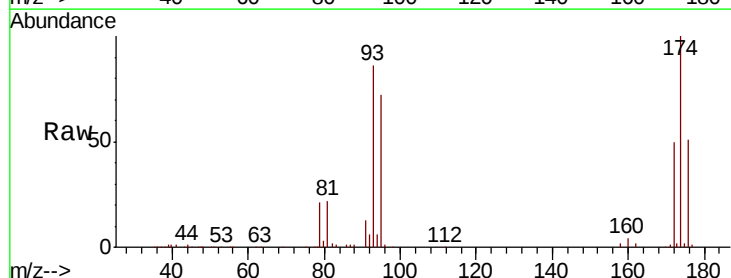
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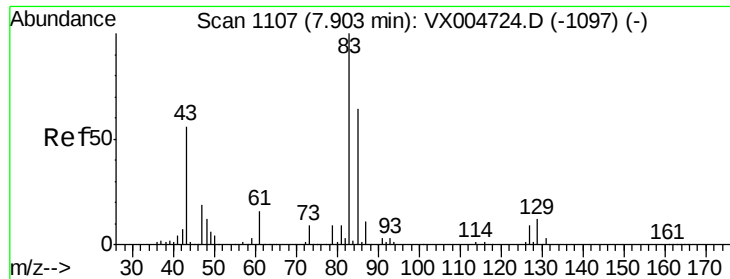
MMDadoda
 10/1/2018 1:31:00 PM



#46
 Dibromomethane
 Concen: 21.165 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion: 93 Resp: 45024
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.5 98.3
 174 111.3 94.2 141.4





#47

Bromodichloromethane

Concen: 20.833 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

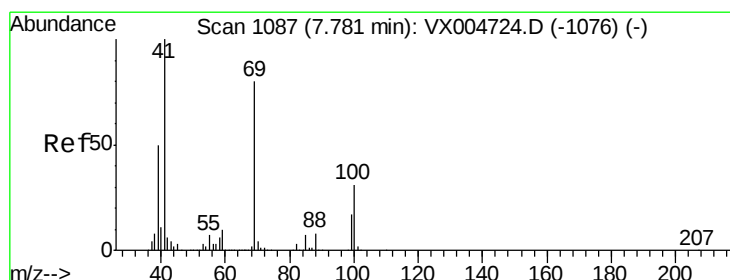
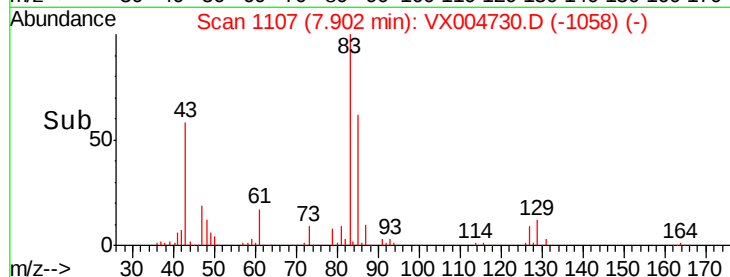
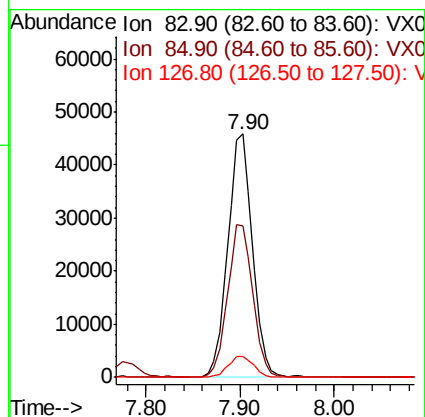
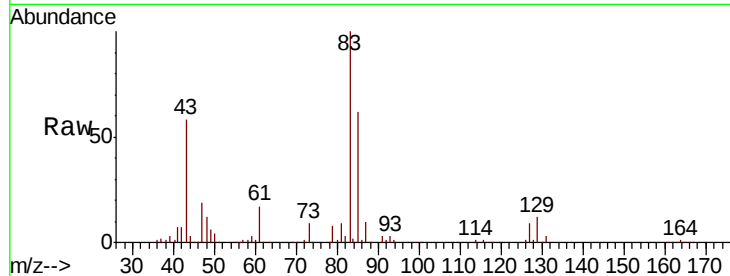
ClientSampleId :

VX0926WBS01

Tot Ion:	83	Resp:	82977
Ion Ratio	Lower	Upper	
83	100		
85	62.0	50.9	76.3
127	8.7	7.3	10.9

Manual Integrations
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MMDadoda
10/1/2018 1:31:00 PM



#48

Methyl methacrylate

Concen: 22.087 ug/l

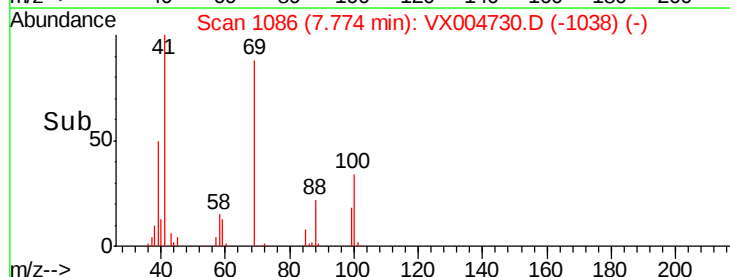
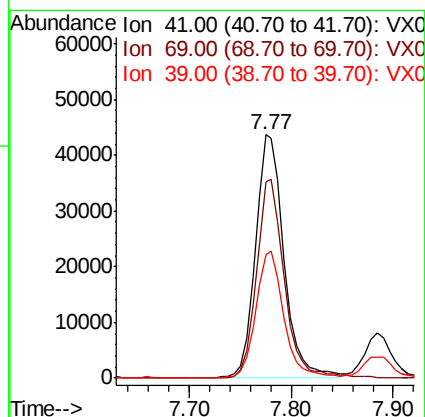
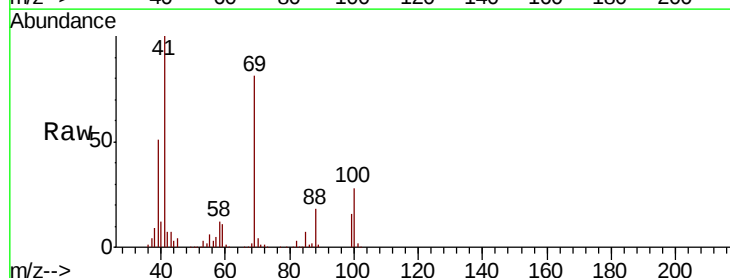
RT: 7.77 min Scan# 1086

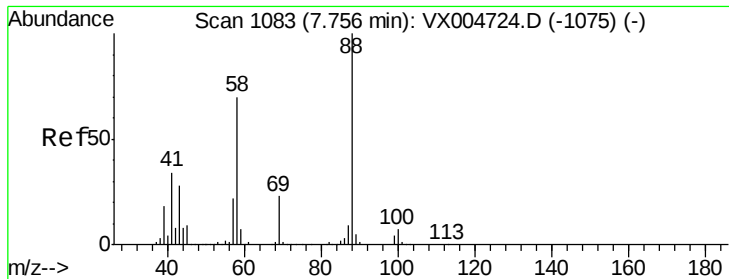
Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Tgt Ion:	41	Resp:	84682
Ion Ratio	Lower	Upper	
41	100		
69	80.8	70.2	105.4
39	51.2	42.7	64.1





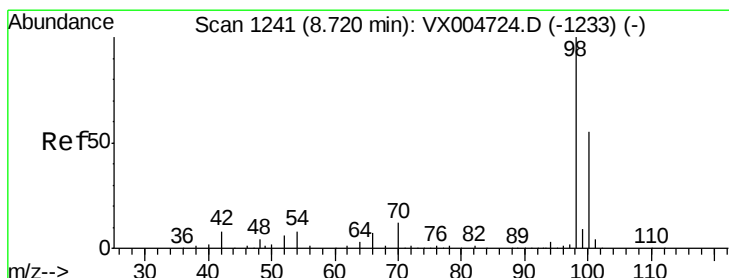
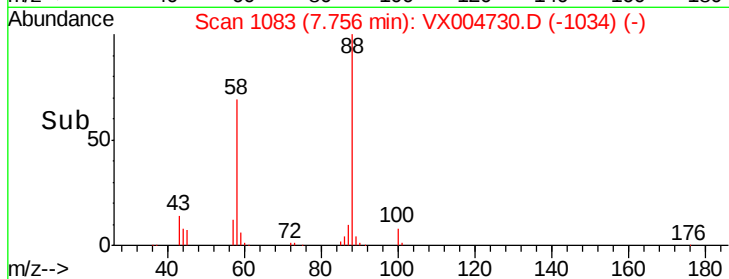
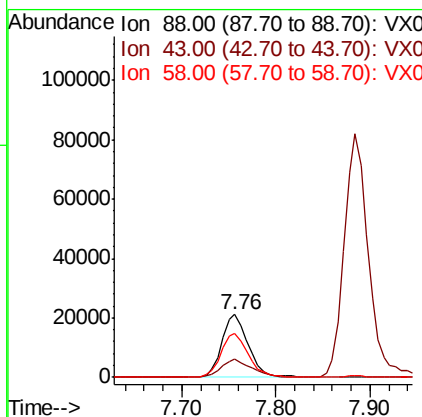
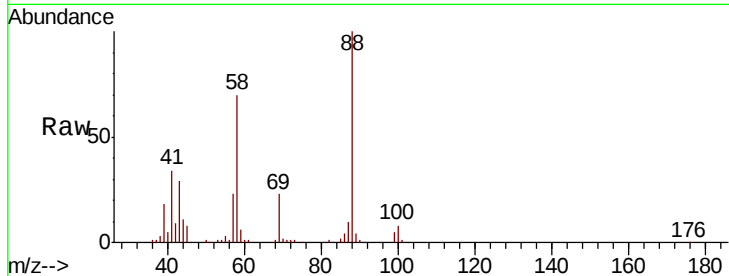
#49
 1,4-Dioxane
 Concen: 429.724 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0926WBS01

Tot Ion	88	Resp	40932
Ion	Ratio	Lower	Upper
88	100		
43	32.4	24.7	37.1
58	73.4	55.3	82.9

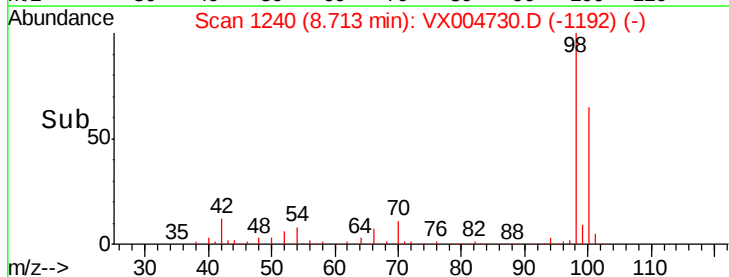
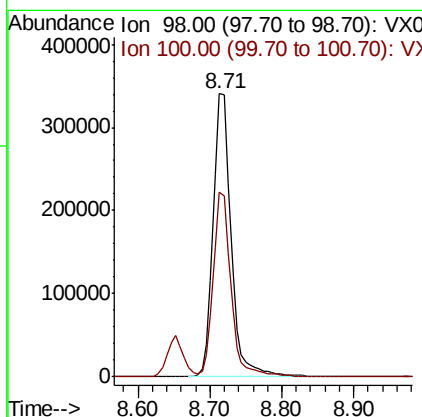
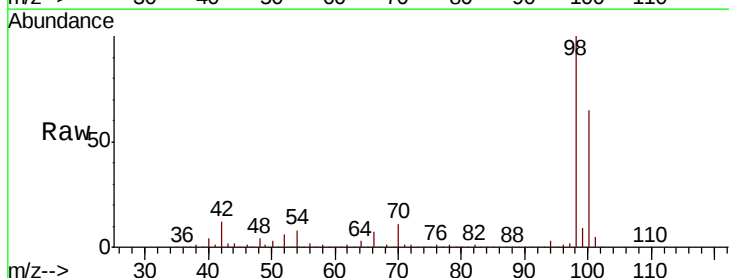
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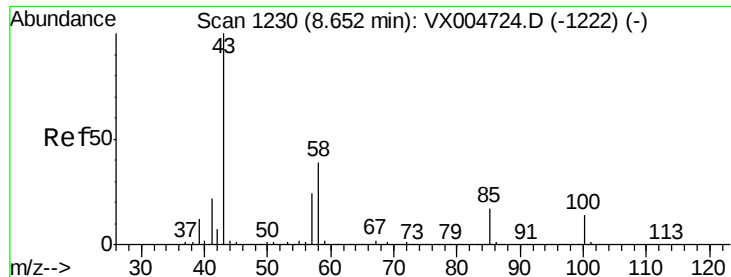
MMDadoda
 10/1/2018 1:31:00 PM



#50
 Toluene-d8
 Concen: 55.055 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion	98	Resp	591456
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.9	79.3





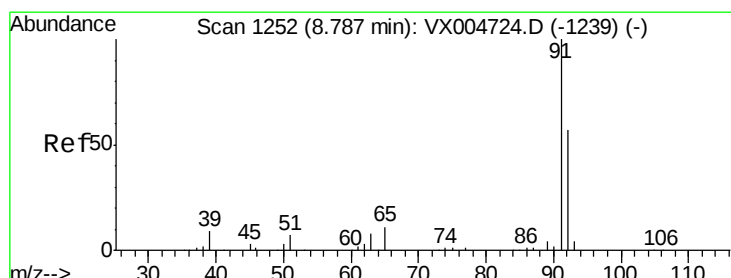
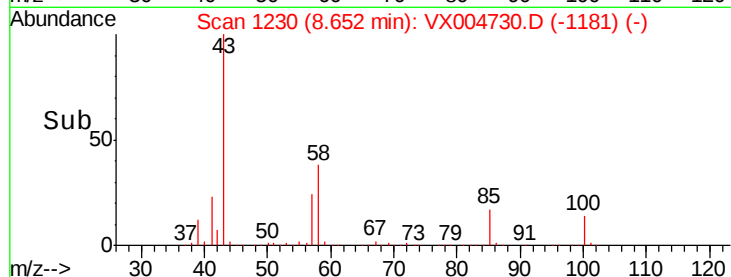
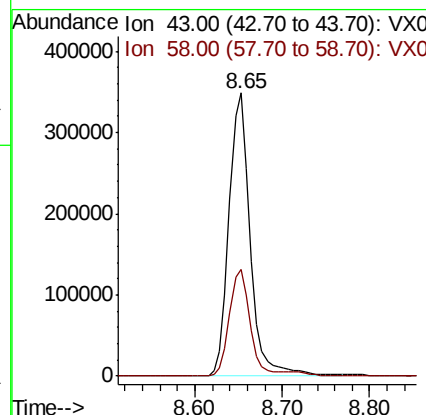
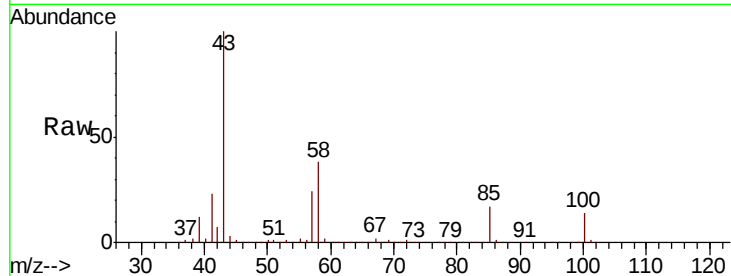
#51
4-Methyl-2-Pentanone
Concen: 110.523 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.5	33.1	49.7

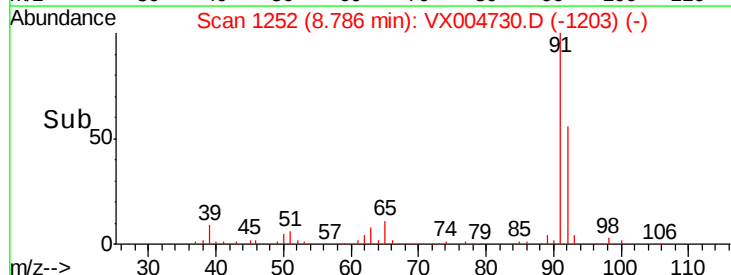
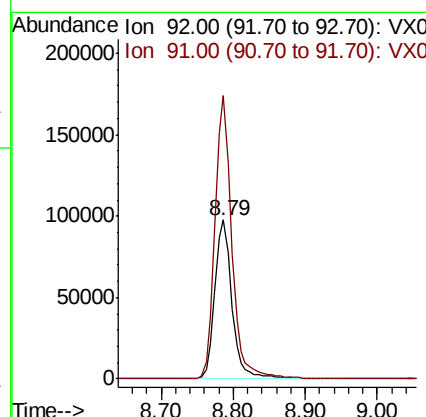
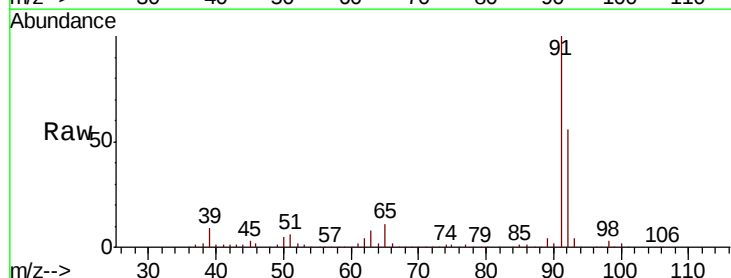
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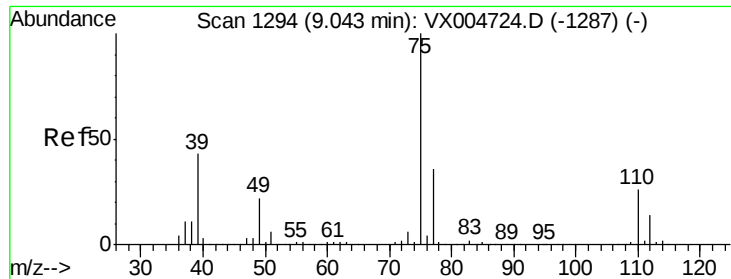
MMDadoda
10/1/2018 1:31:00 PM



#52
Toluene
Concen: 21.306 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.9	136.4	204.6





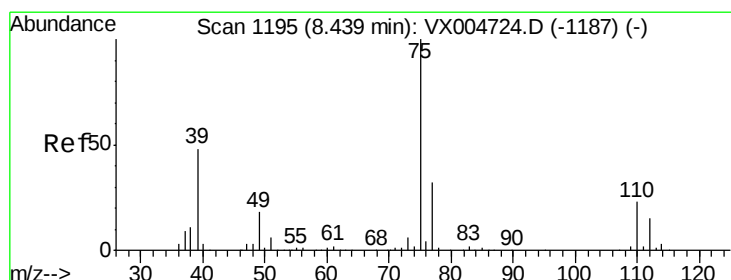
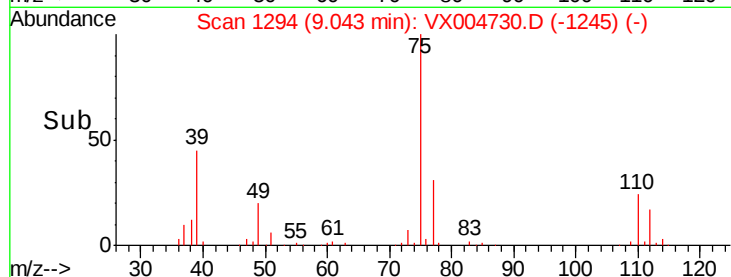
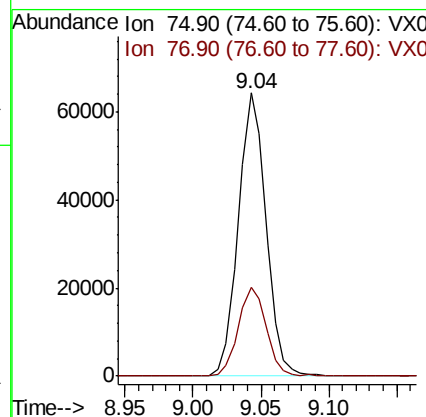
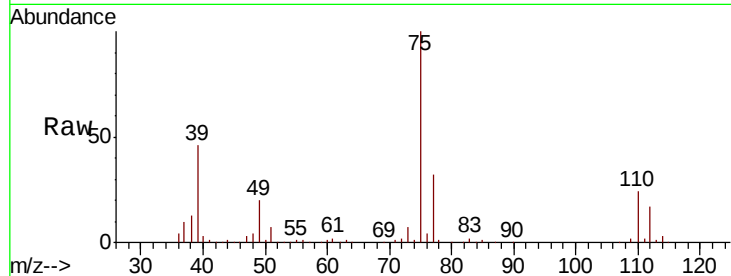
#53
t-1,3-Dichloropropene
Concen: 20.310 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion: 75 Resp: 91413
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0

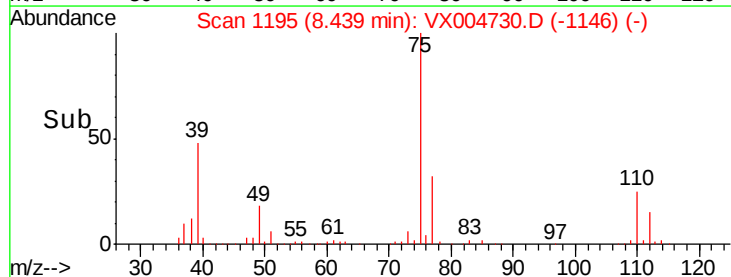
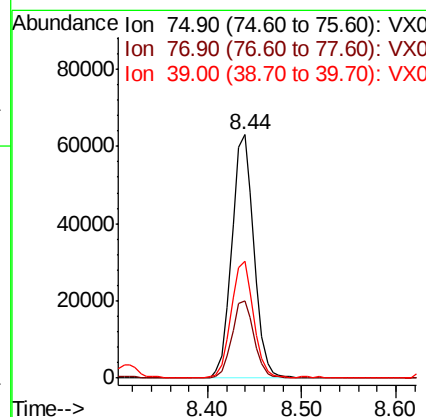
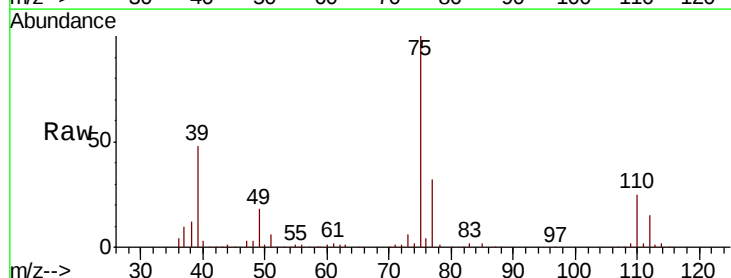
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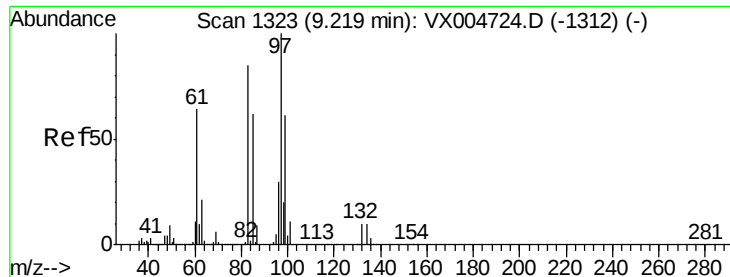
MMDadoda
10/1/2018 1:31:00 PM



#54
cis-1,3-Dichloropropene
Concen: 21.745 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion: 75 Resp: 102511
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.2
39 47.7 36.4 54.6





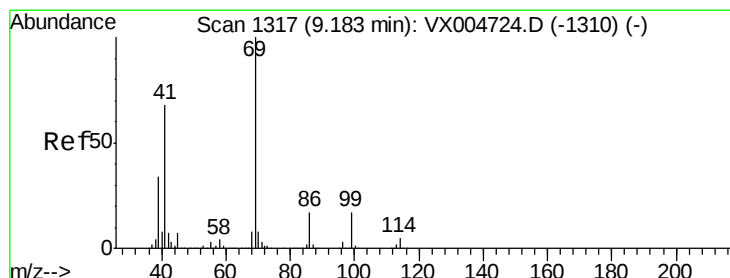
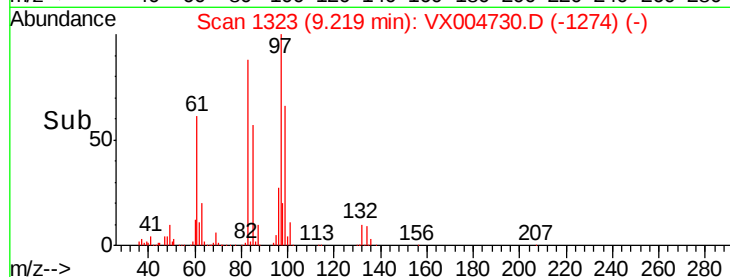
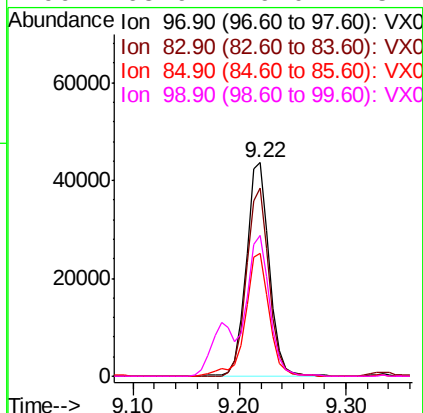
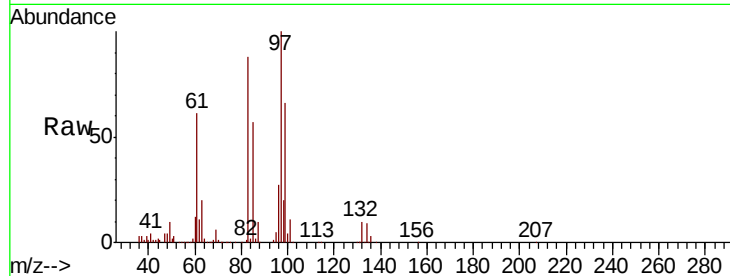
#55
 1,1,2-Trichloroethane
 Concen: 19.855 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		65963		
83	88.1	66.4	99.6		
85	57.4	43.3	64.9		
99	65.9	49.0	73.4		

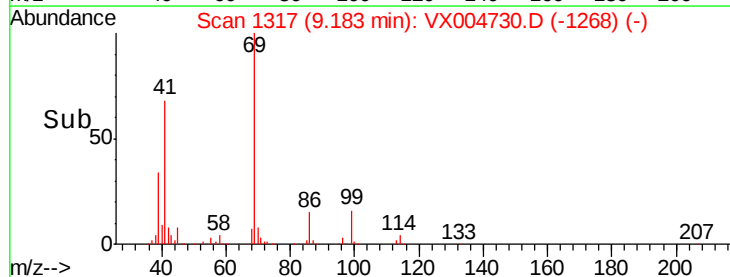
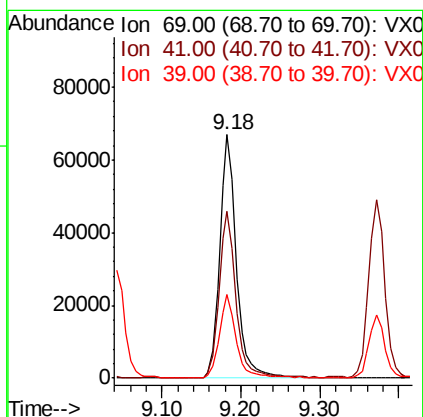
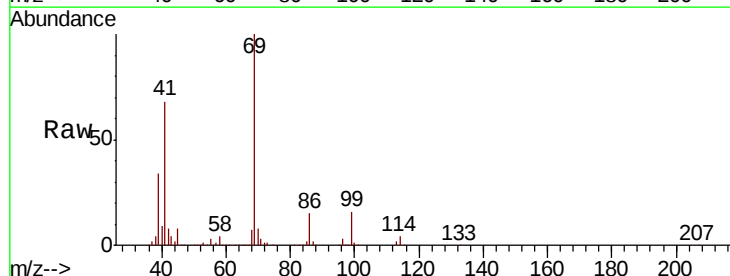
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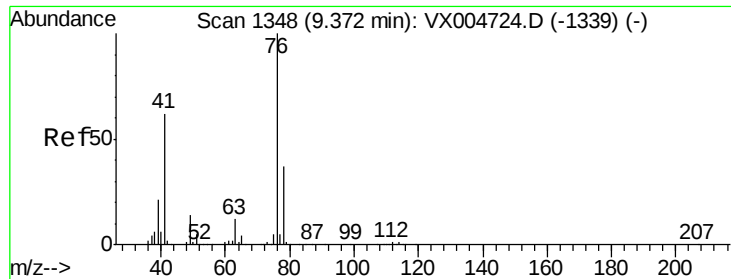
MMDadoda
 10/1/2018 1:31:00 PM



#56
 Ethyl methacrylate
 Concen: 20.217 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		99242		
41	68.7	51.0	76.4		
39	33.7	26.1	39.1		





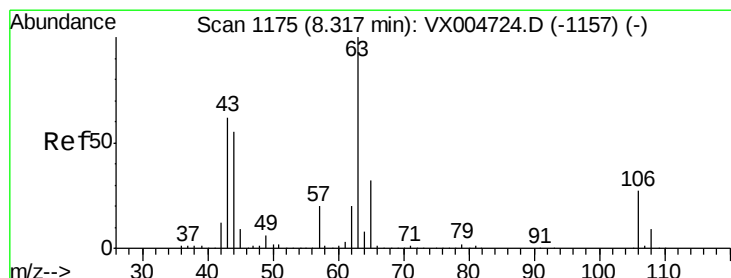
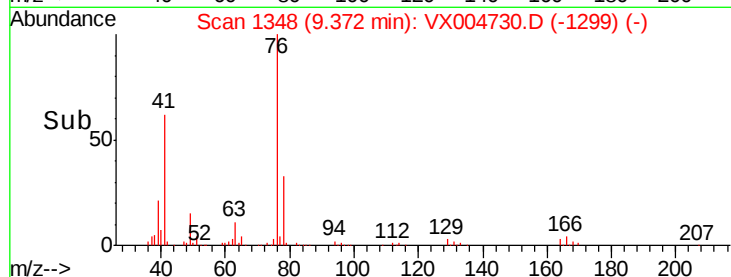
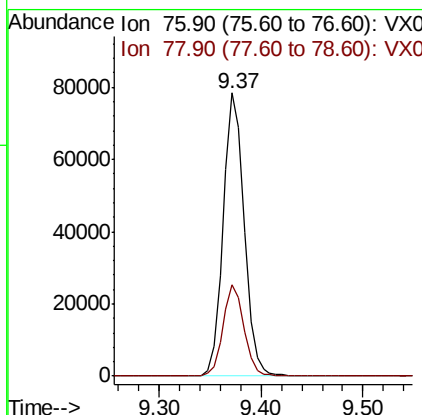
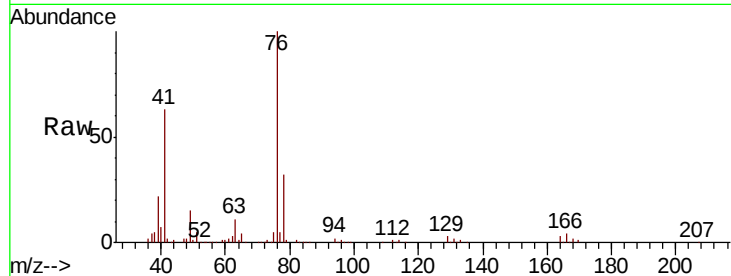
#57
 1,3-Dichloropropane
 Concen: 20.299 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3

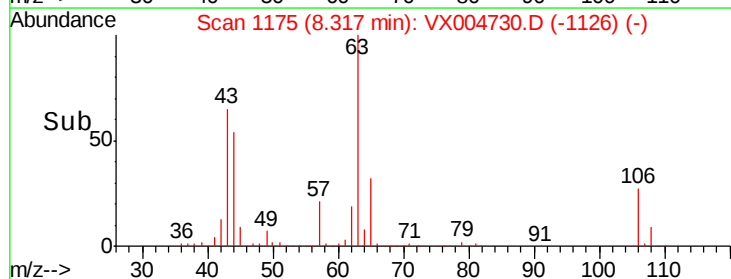
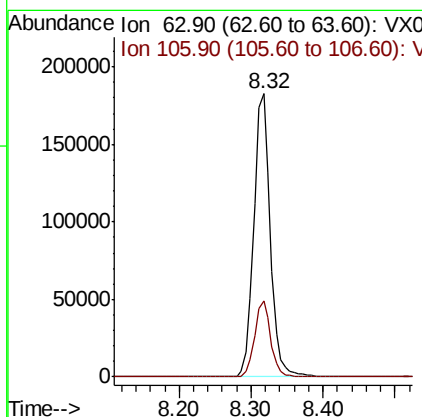
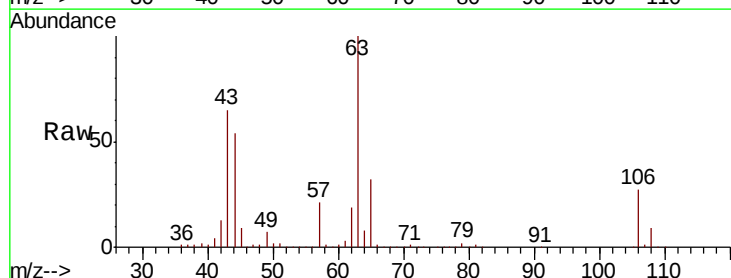
Manual Integrations
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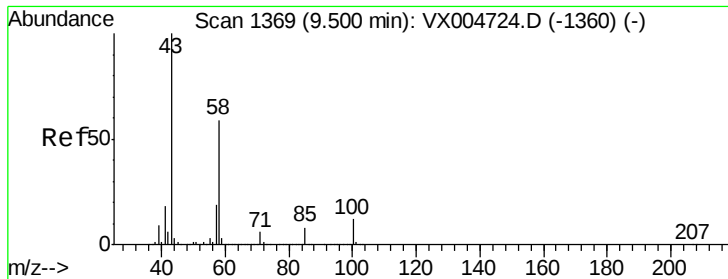
MMDadoda
 10/1/2018 1:31:00 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.974 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.2	23.9	35.9





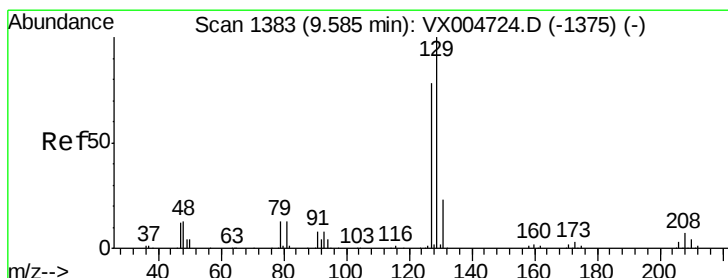
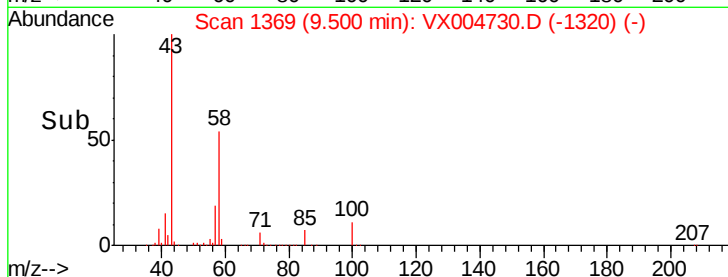
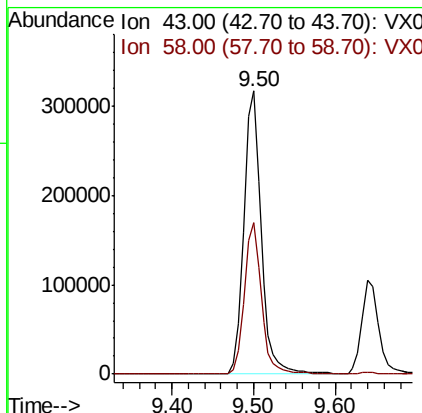
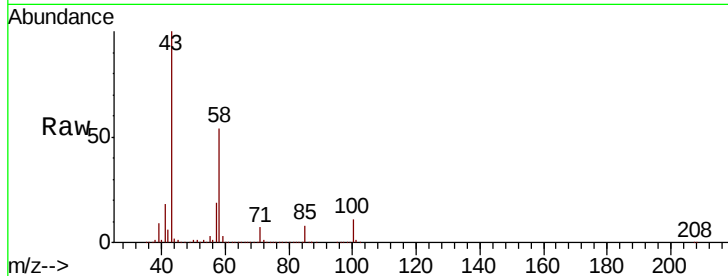
#59
2-Hexanone
Concen: 104.612 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion: 43 Resp: 463657
Ion Ratio Lower Upper
43 100
58 52.8 29.0 87.0

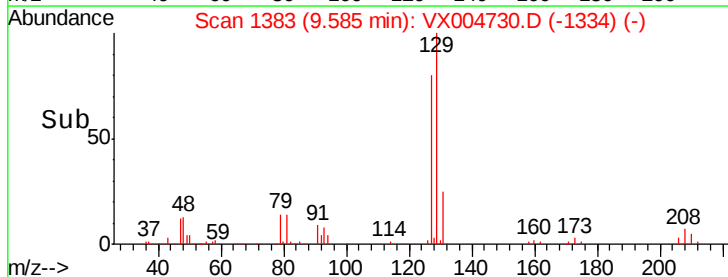
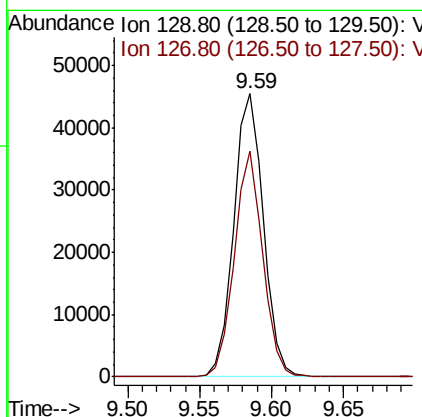
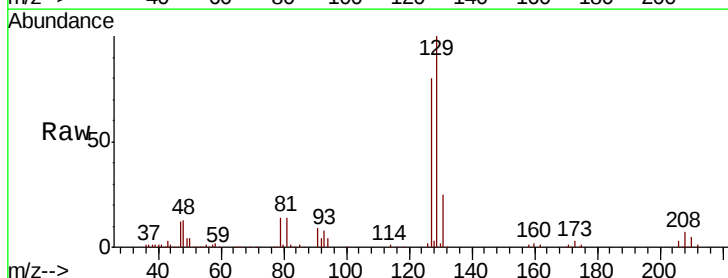
Manual Integrations
APPROVED

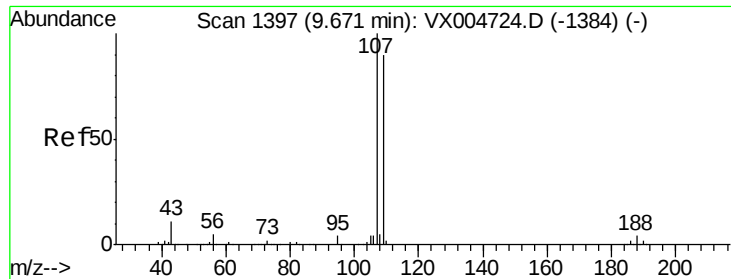
MMDadoda
10/1/2018 1:31:00 PM



#60
Dibromochloromethane
Concen: 19.649 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion: 129 Resp: 65286
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





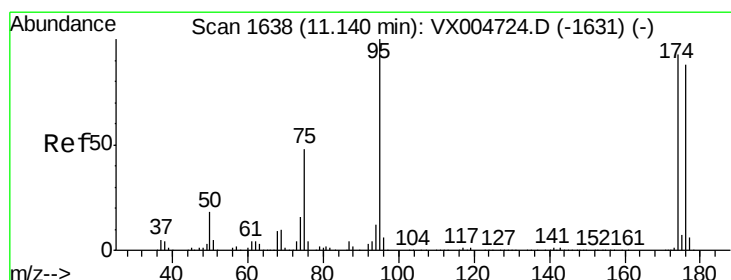
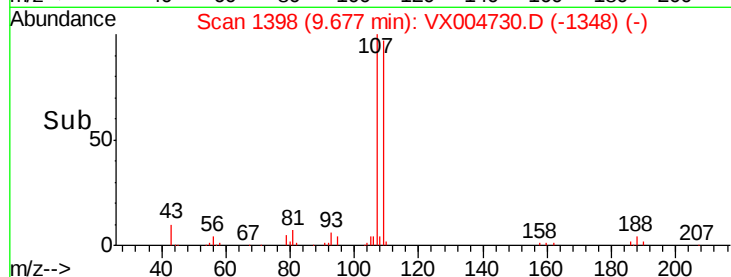
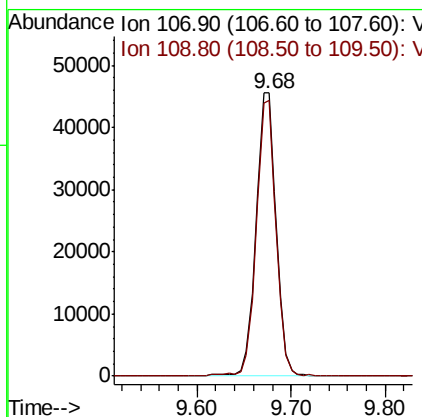
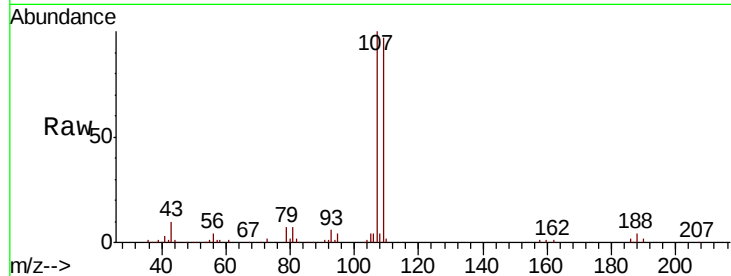
#61
 1,2-Dibromoethane
 Concen: 19.337 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion:107 Resp: 68800
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.0 114.0

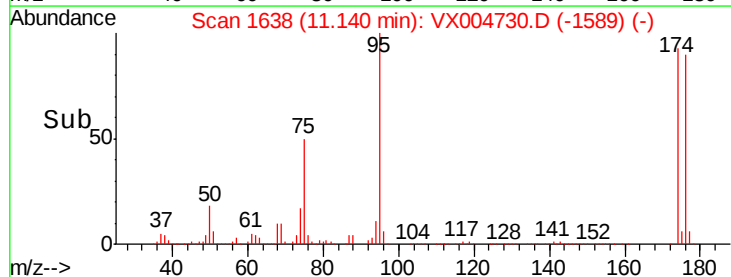
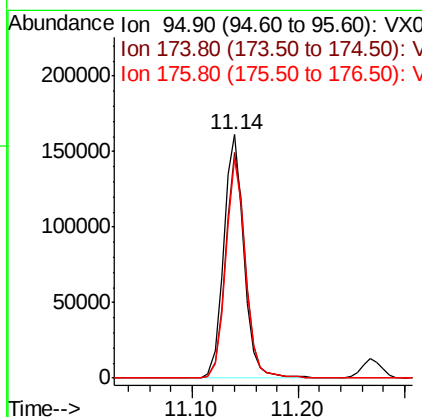
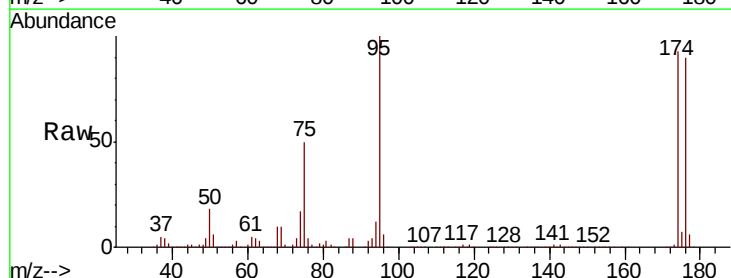
Manual Integrations
 APPROVED

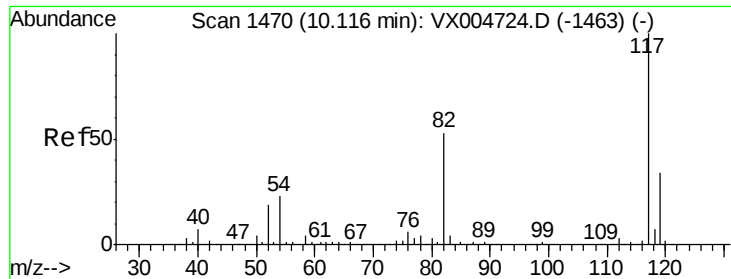
MMDadoda
 10/1/2018 1:31:00 PM



#62
 4-Bromofluorobenzene
 Concen: 55.200 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion: 95 Resp: 213638
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 185.2
 176 88.3 0.0 178.6





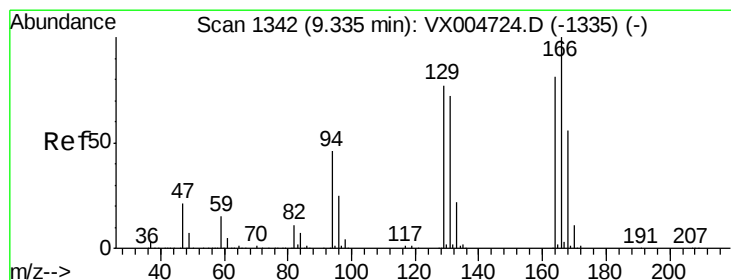
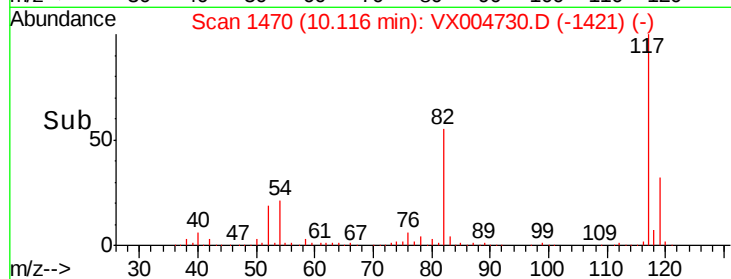
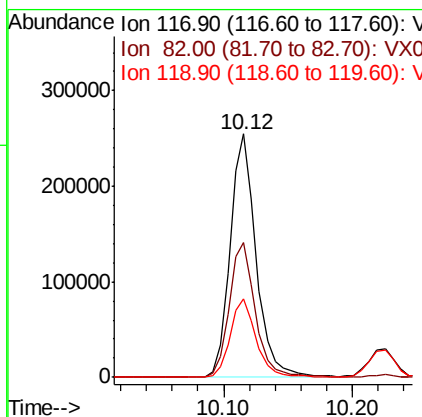
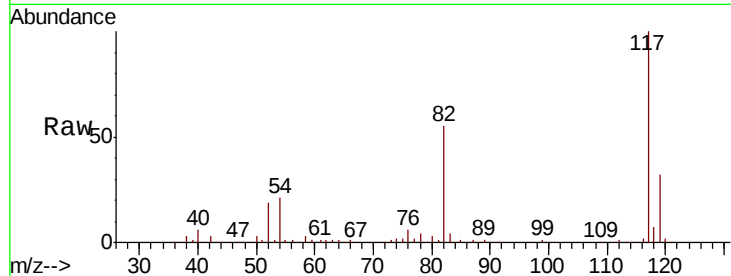
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	47.8	71.6
119	32.1	29.3	43.9

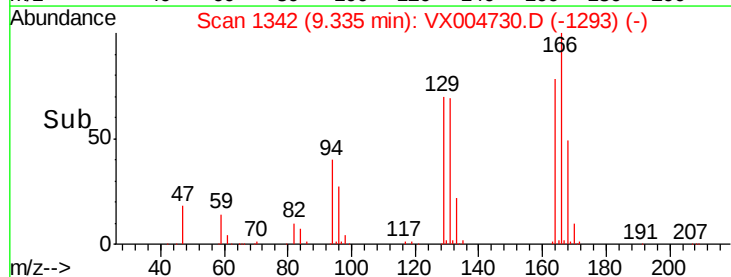
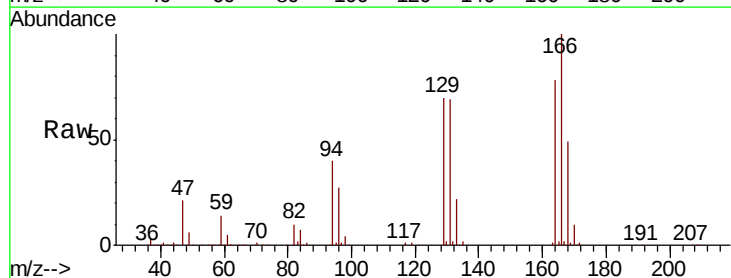
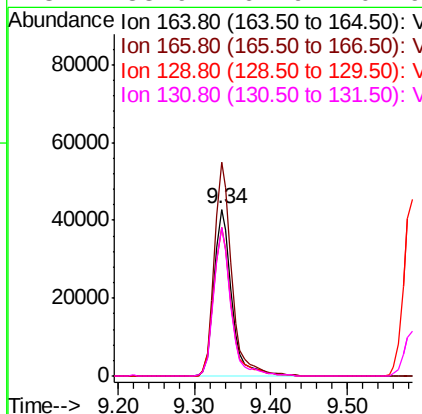
Manual Integrations
APPROVED

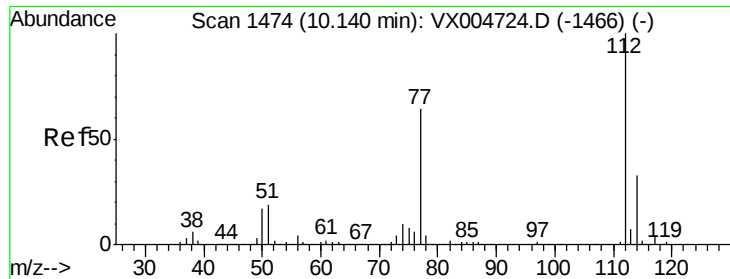
MMDadoda
10/1/2018 1:31:00 PM



#64
Tetrachloroethene
Concen: 19.421 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.8	154.2
129	89.2	69.4	104.0
131	88.9	67.9	101.9





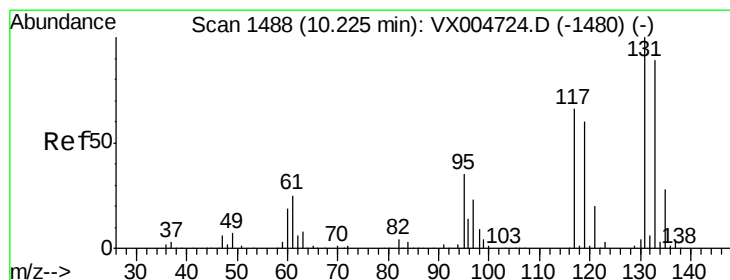
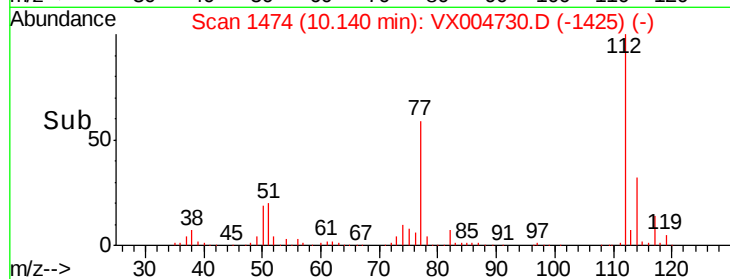
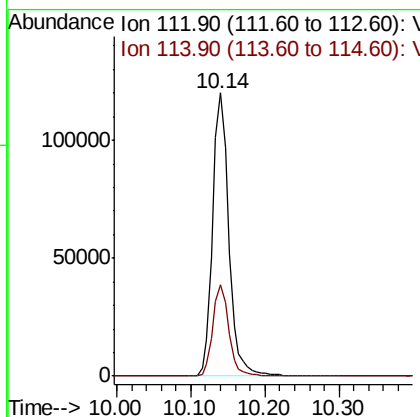
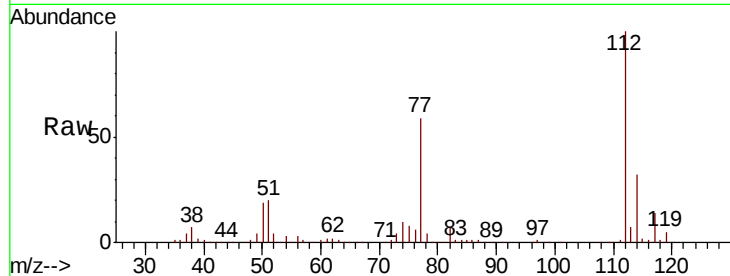
#65
Chlorobenzene
Concen: 19.441 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampled :
VX0926WBS01

Tot Ion:112 Resp: 179569
Ion Ratio Lower Upper
112 100
114 32.4 27.8 41.8

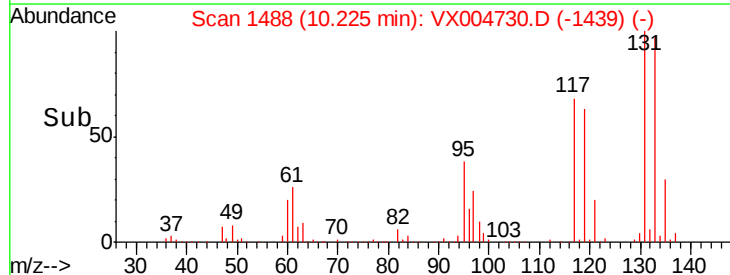
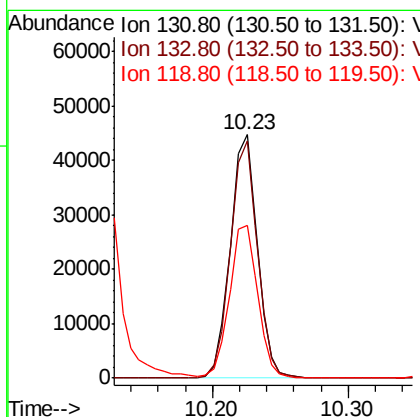
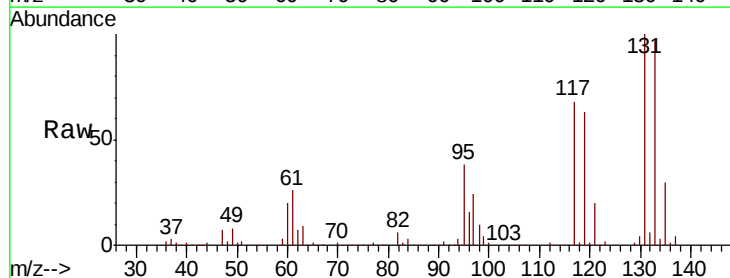
Manual Integrations
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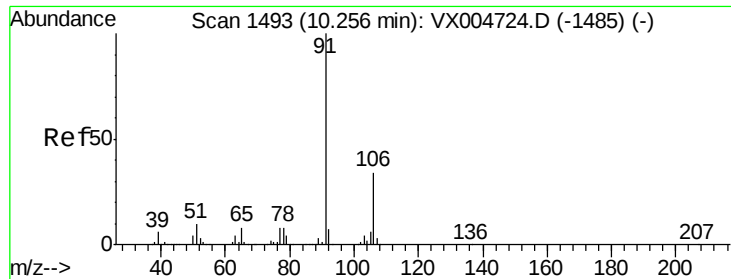
MMDadoda
10/1/2018 1:31:00 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.109 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion:131 Resp: 62049
Ion Ratio Lower Upper
131 100
133 97.0 48.1 144.4
119 65.5 32.9 98.6





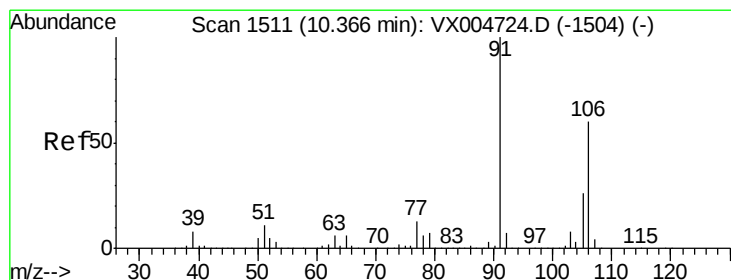
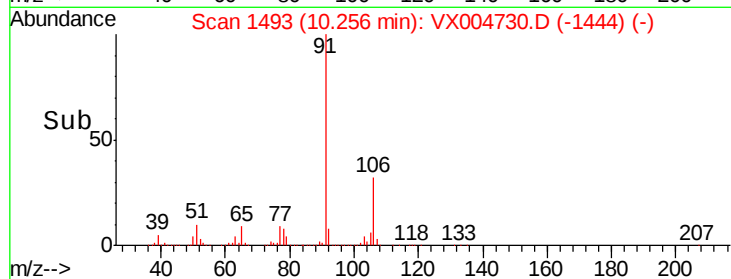
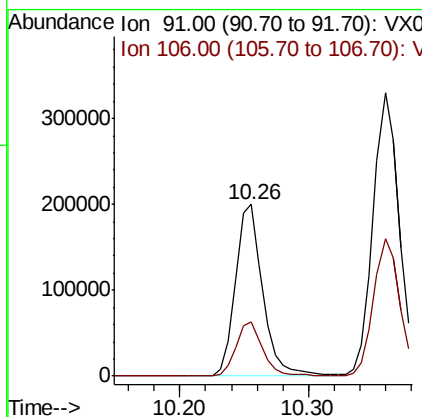
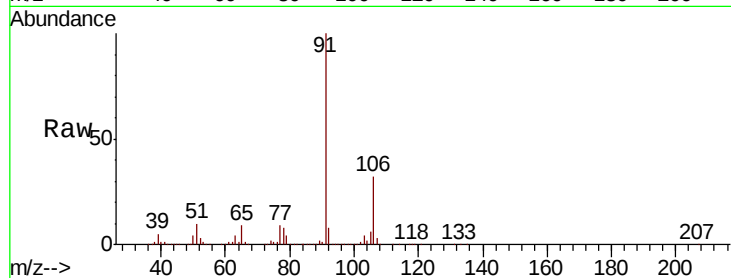
#67
Ethyl Benzene
Concen: 20.126 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion: 91 Resp: 295128
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9

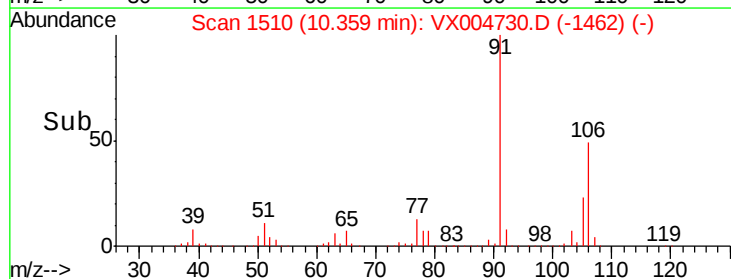
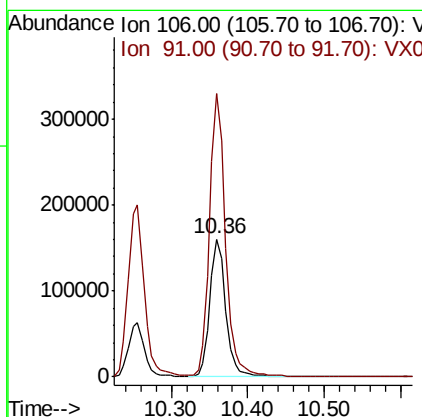
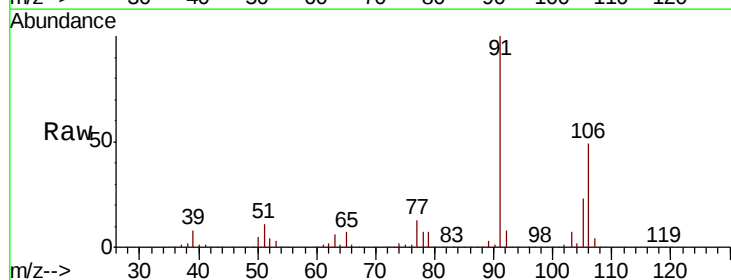
Manual Integrations
APPROVED

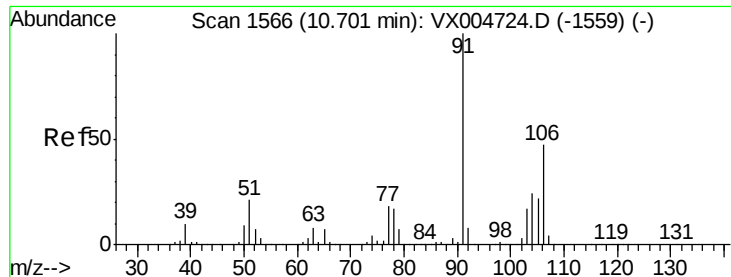
MMDadoda
10/1/2018 1:31:00 PM



#68
m/p-Xylenes
Concen: 40.891 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion: 106 Resp: 234319
Ion Ratio Lower Upper
106 100
91 205.1 157.1 235.7





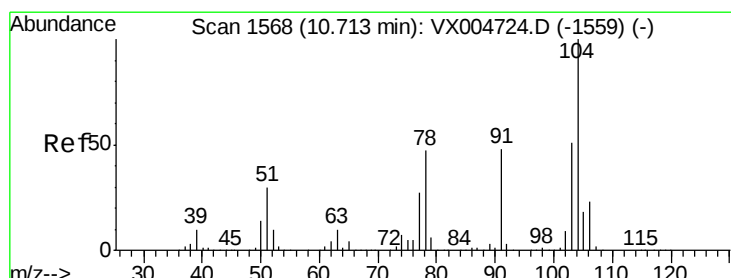
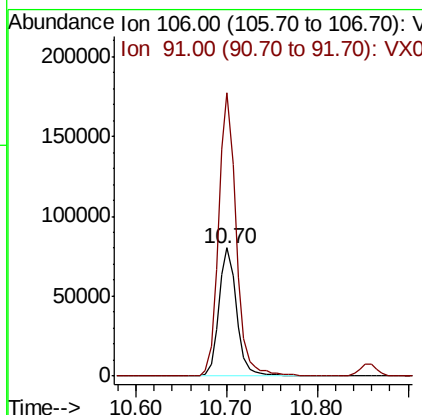
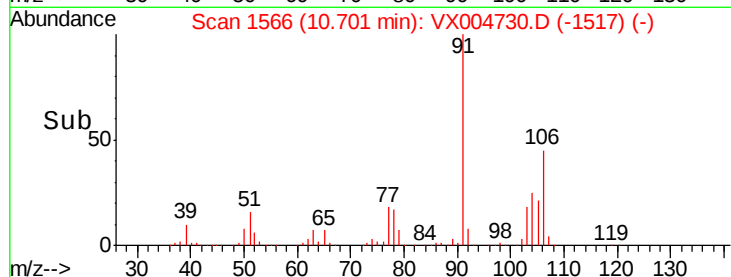
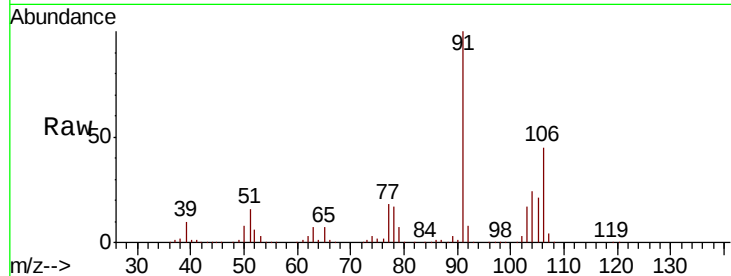
#69
o-Xylene
Concen: 21.097 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion:106 Resp: 111042
Ion Ratio Lower Upper
106 100
91 216.9 105.1 315.1

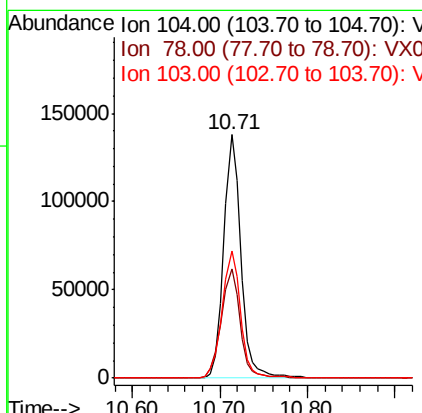
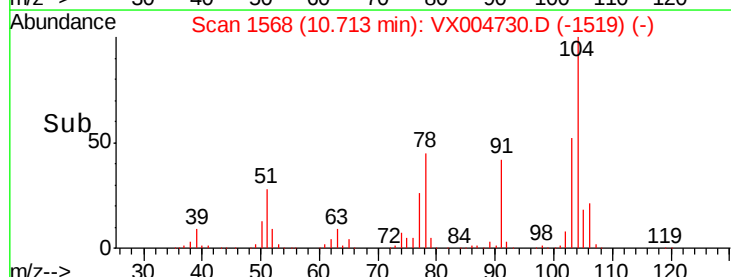
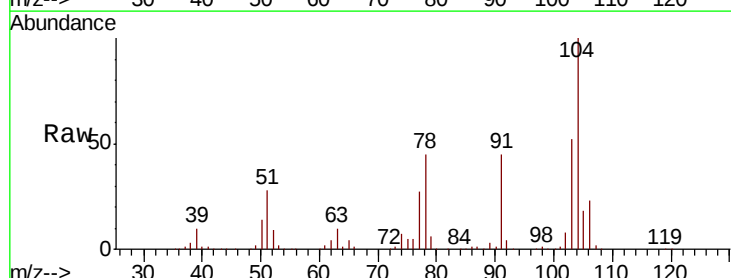
Manual Integrations
APPROVED

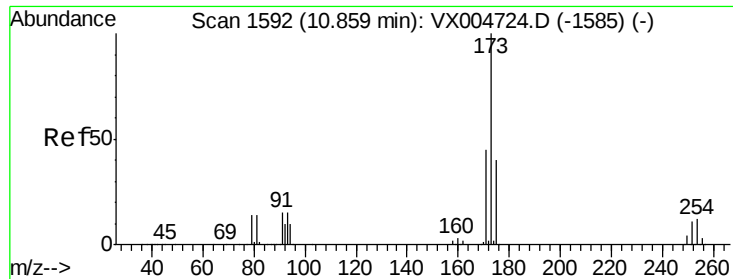
MMDadoda
10/1/2018 1:31:00 PM



#70
Styrene
Concen: 20.371 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion:104 Resp: 187485
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 56.6 43.8 65.6





#71

Bromoform

Concen: 18.530 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

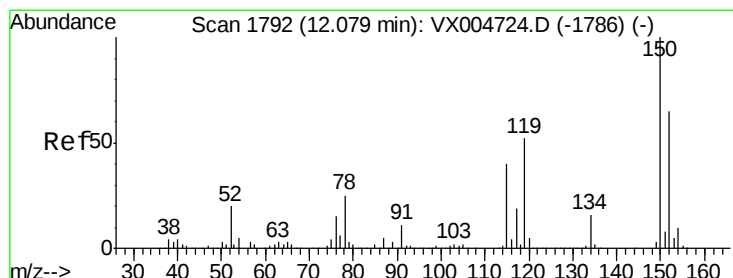
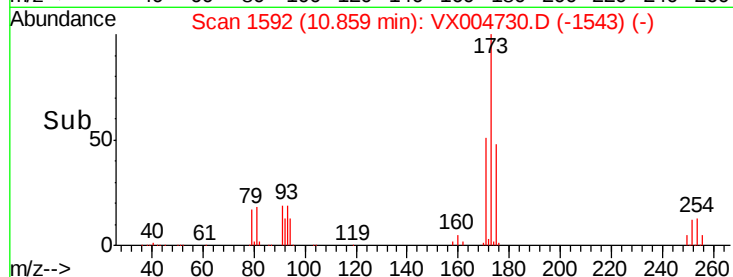
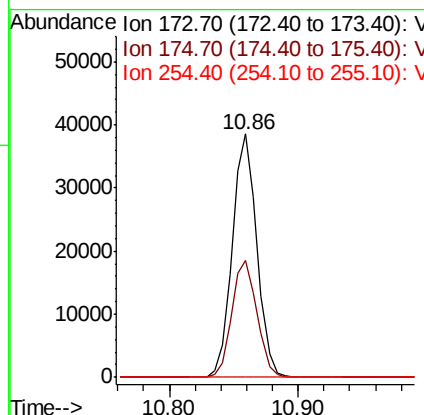
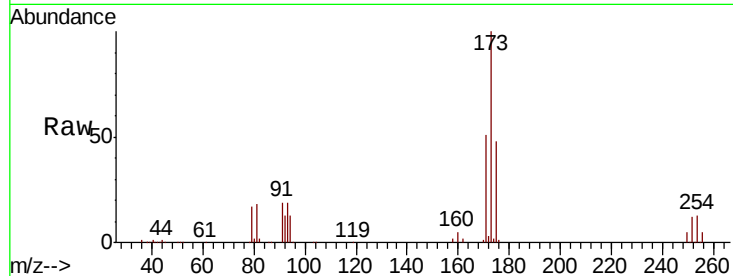
ClientSampled :

VX0926WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
10/1/2018 1:31:00 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

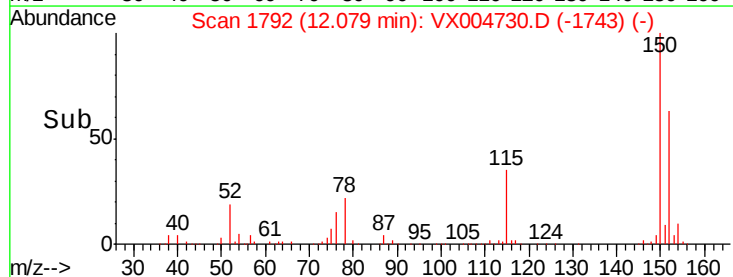
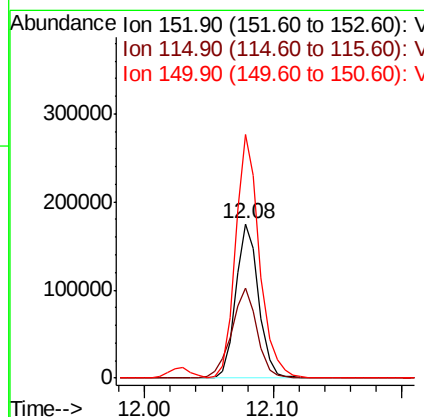
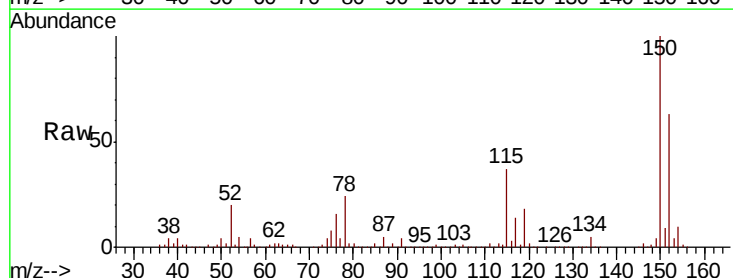
RT: 12.08 min Scan# 1792

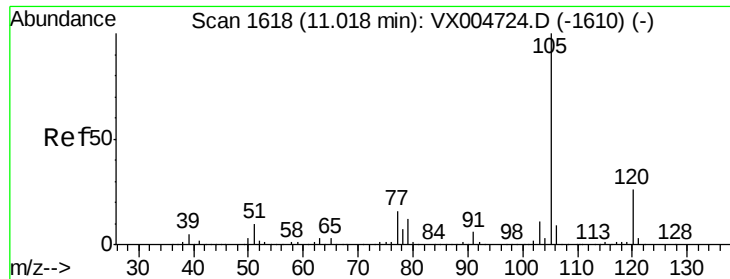
Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	39.0	117.0
150	164.8	0.0	351.0





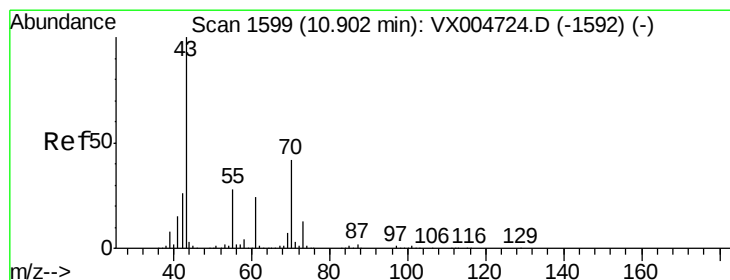
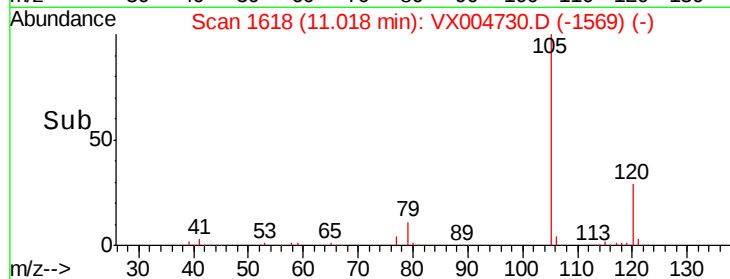
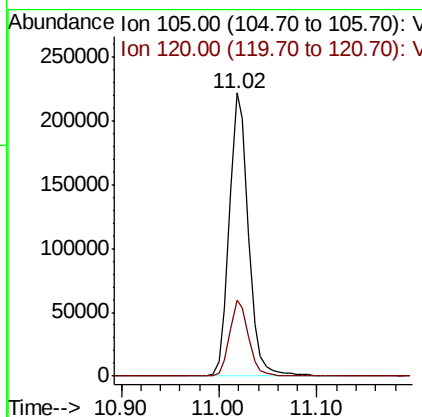
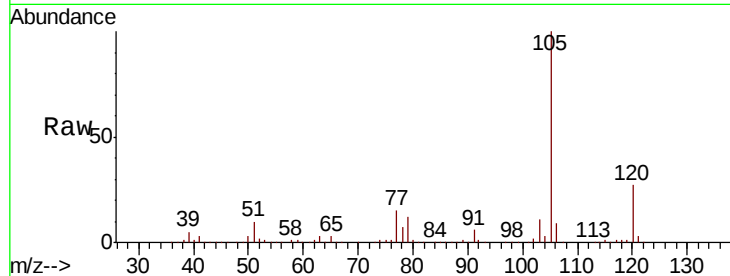
#73
Isopropylbenzene
Concen: 22.074 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion: 105 Resp: 301451
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

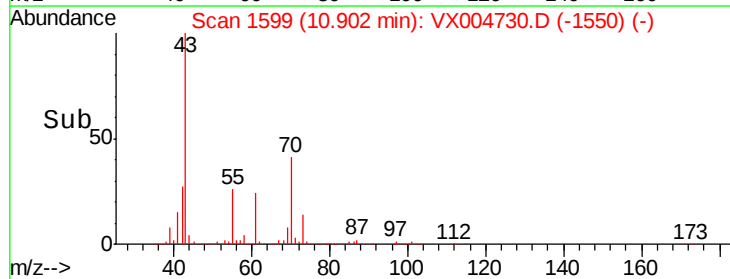
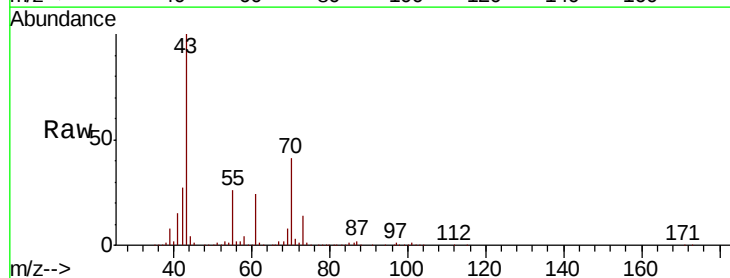
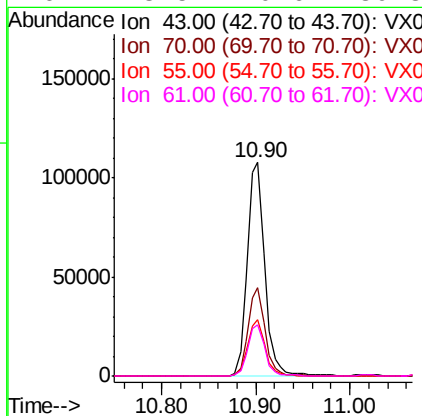
Manual Integrations
APPROVED

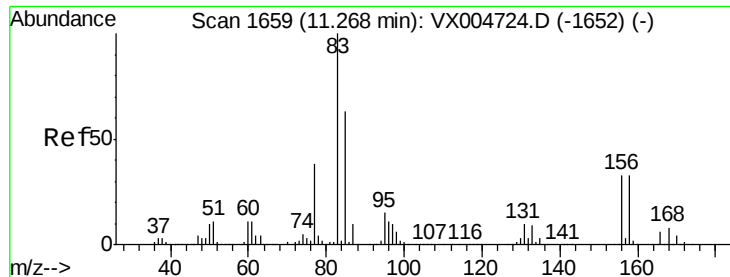
MMDadoda
10/1/2018 1:31:00 PM



#74
N-ethyl acetate
Concen: 19.528 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion: 43 Resp: 138299
Ion Ratio Lower Upper
43 100
70 40.4 37.4 56.0
55 26.4 21.8 32.8
61 23.5 20.6 30.8





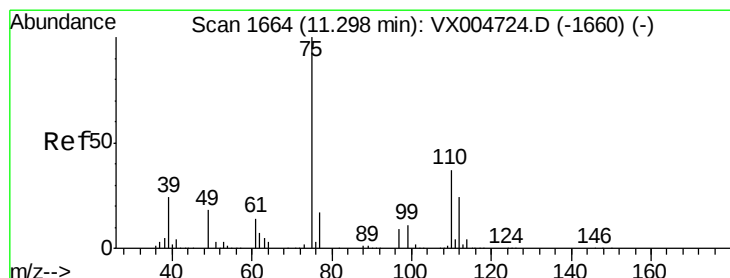
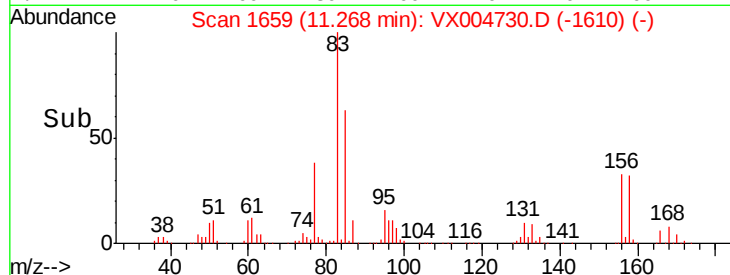
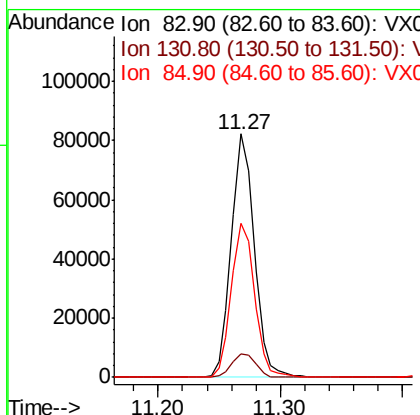
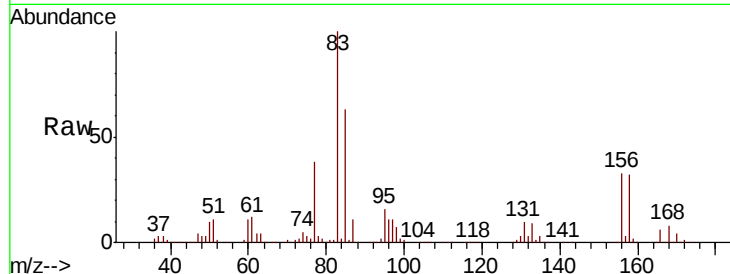
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.230 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.2	5.2	15.6	
85	64.7	32.3	96.8	

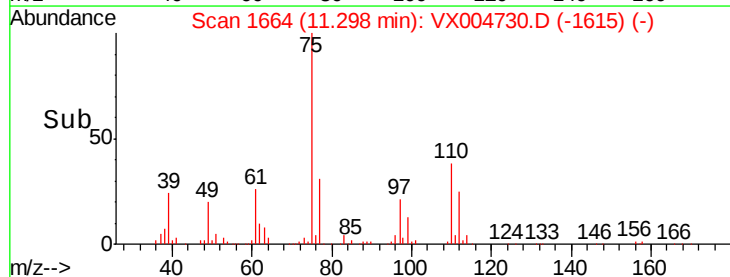
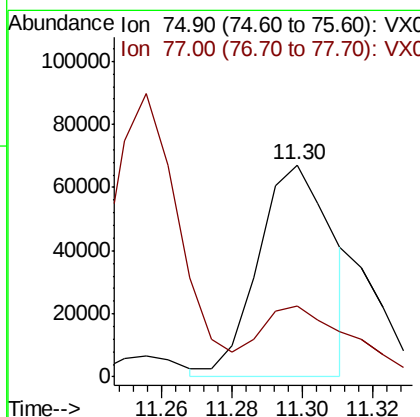
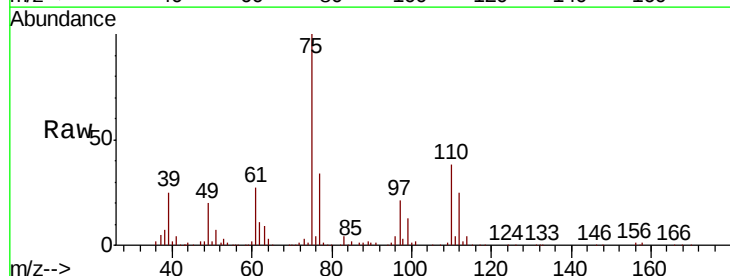
Manual Integrations
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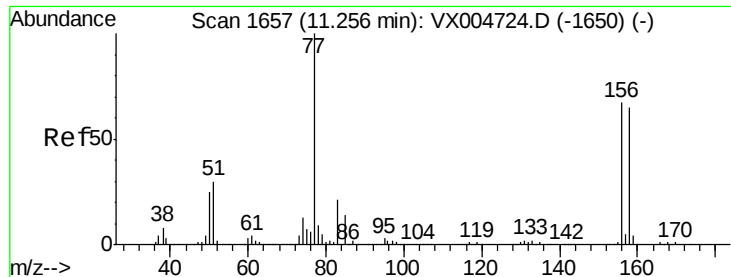
MMDadoda
 10/1/2018 1:31:00 PM



#76
 1,2,3-Trichloropropane
 Concen: 20.143 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	41.3	20.2	60.6	





#77

Bromobenzene

Concen: 20.285 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

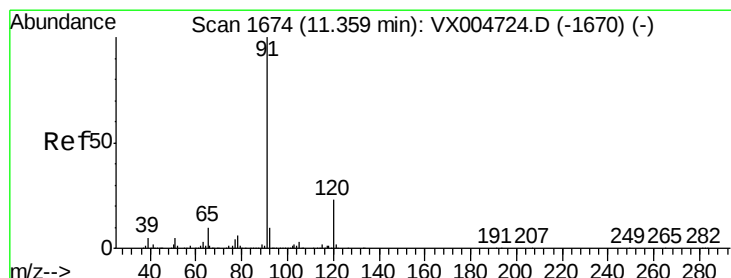
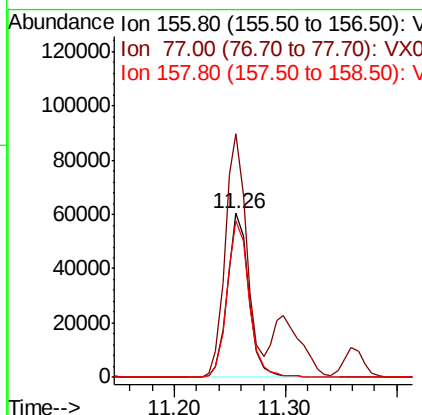
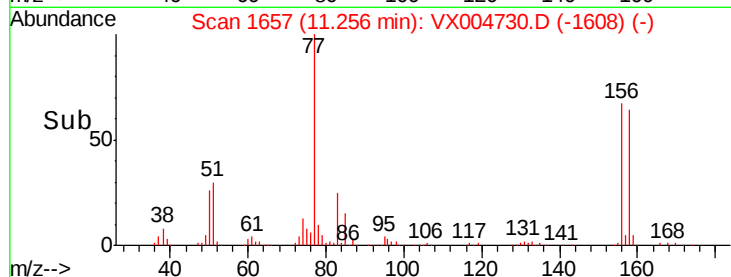
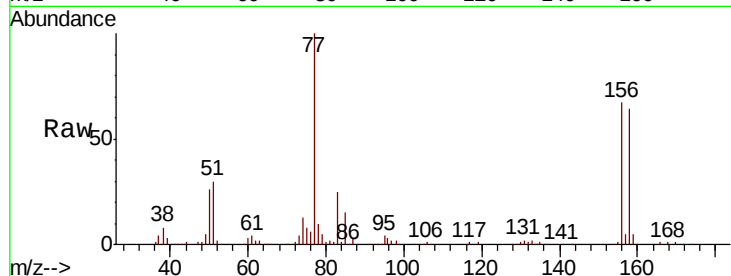
ClientSampleId :

VX0926WBS01

Tot Ion:	156	Resp:	80465
Ion	Ratio	Lower	Upper
156	100		
77	149.7	71.5	214.3
158	98.2	48.9	146.8

Manual Integrations
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10/1/2018 1:31:00 PM



#78

n-propylbenzene

Concen: 22.430 ug/l

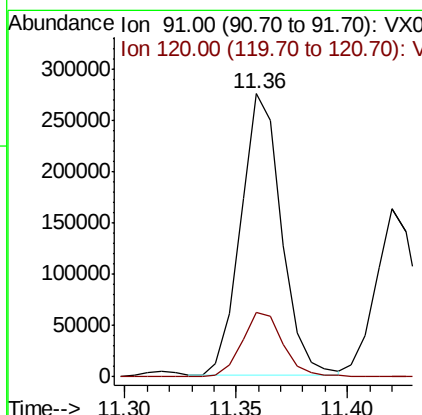
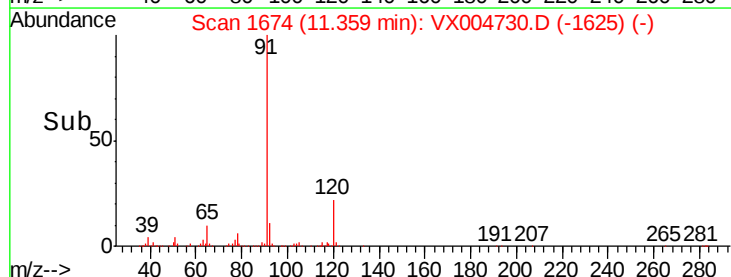
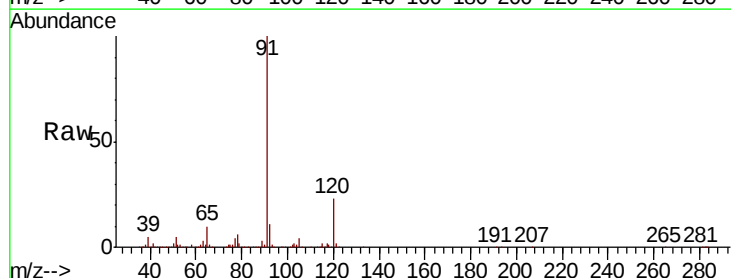
RT: 11.36 min Scan# 1674

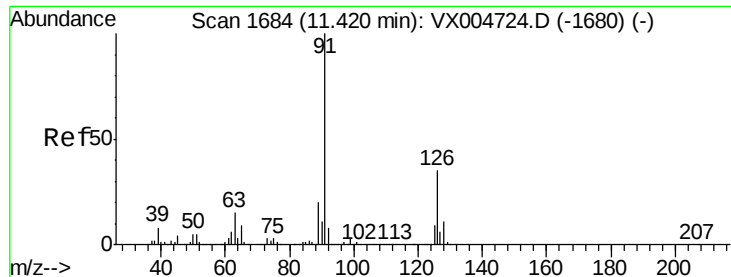
Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Tgt Ion:	91	Resp:	351463
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.9





#79

2-Chlorotoluene

Concen: 21.698 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 91 Resp: 211923

Ion Ratio Lower Upper

91 100

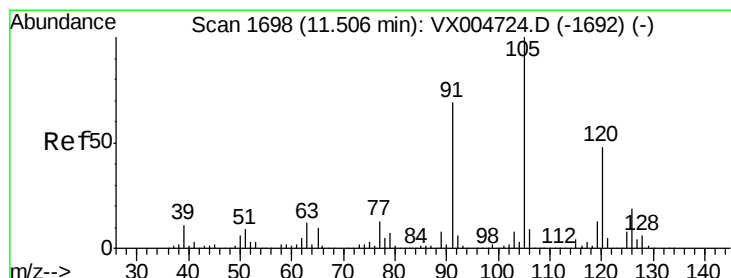
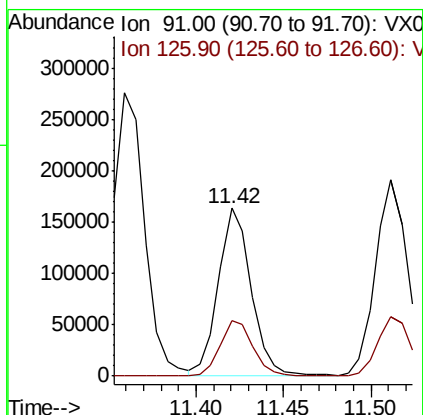
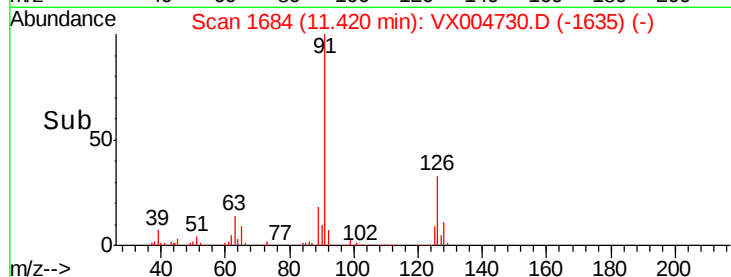
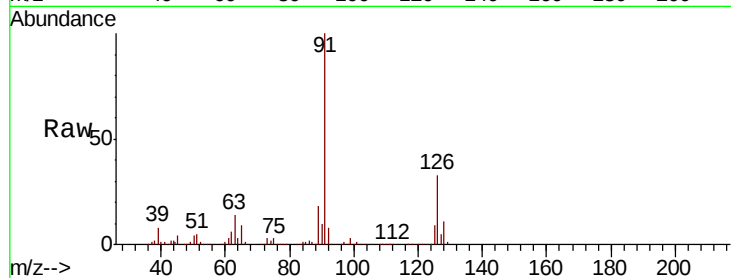
126 34.1 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.504 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004730.D

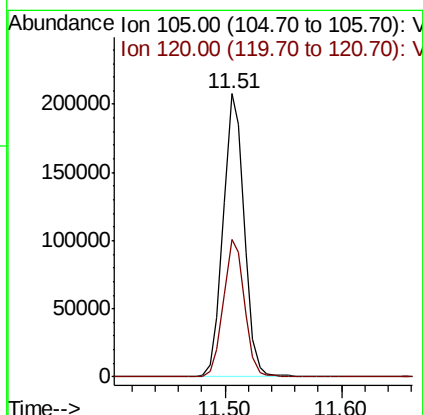
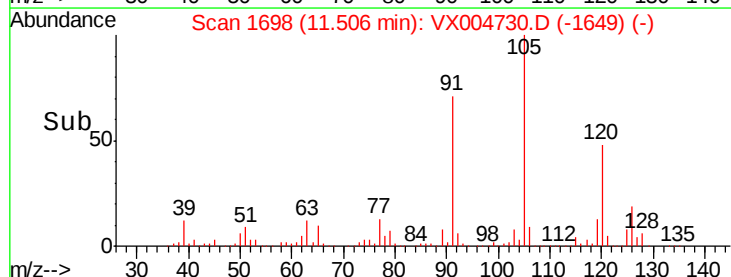
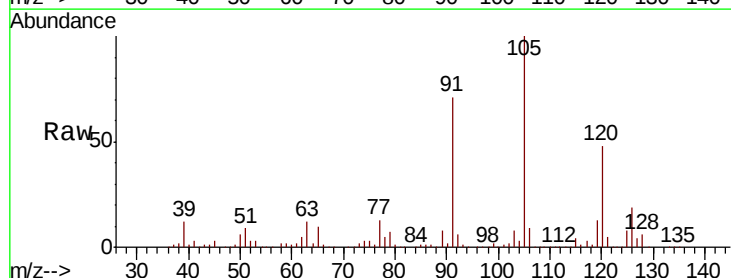
Acq: 26 Sep 2018 17:01

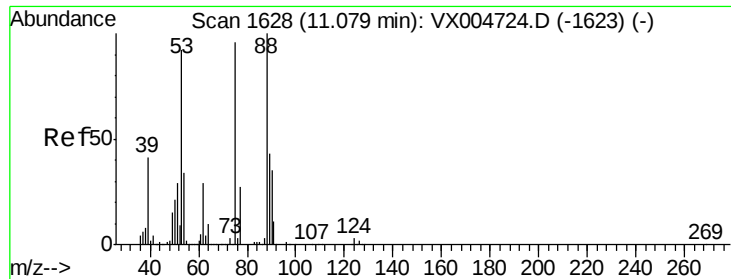
Tgt Ion: 105 Resp: 258102

Ion Ratio Lower Upper

105 100

120 48.8 25.6 76.8





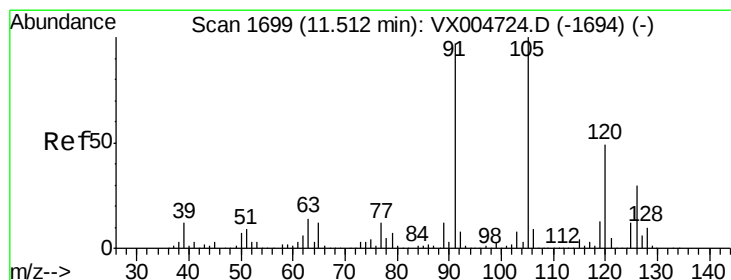
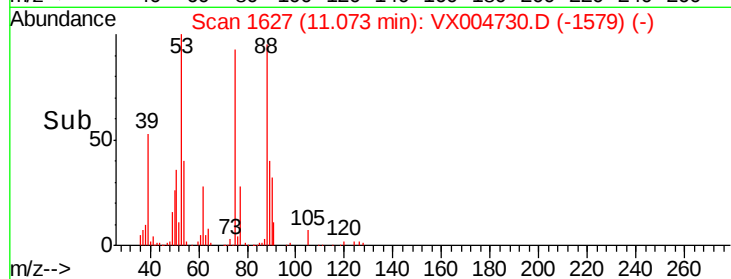
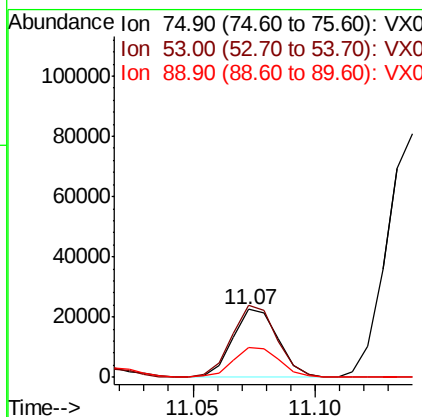
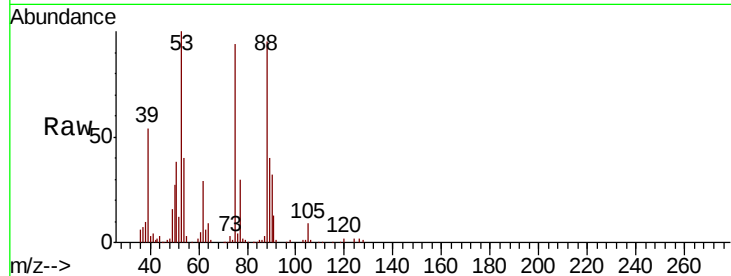
#81
trans-1,4-Dichloro-2-butene
Concen: 17.600 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.0	80.1	120.1
89	46.1	37.2	55.8

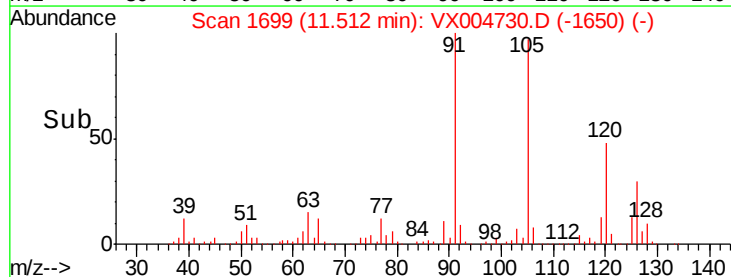
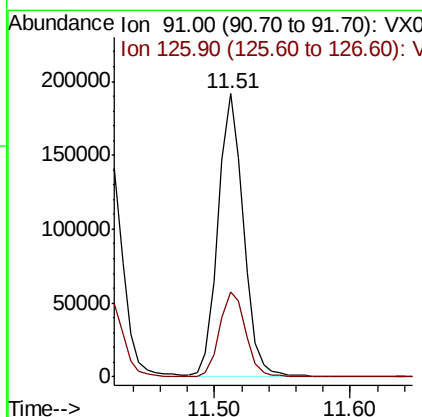
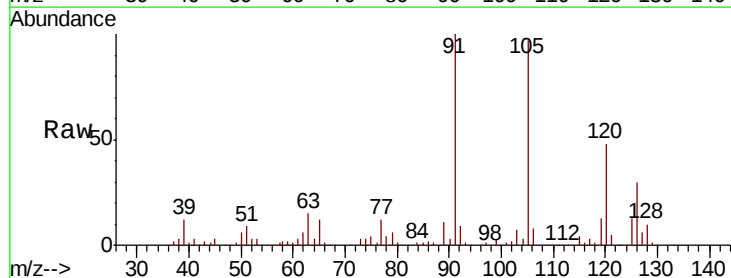
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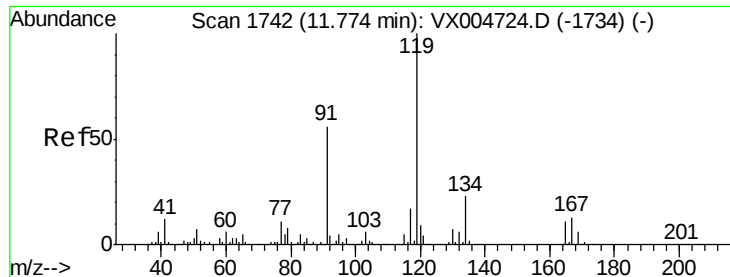
MMDadoda
10/1/2018 1:31:00 PM



#82
4-Chlorotoluene
Concen: 21.618 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.5	46.5





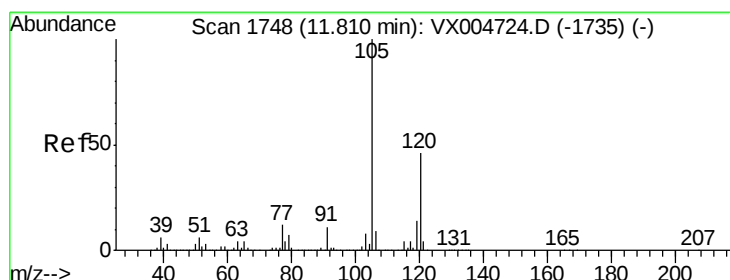
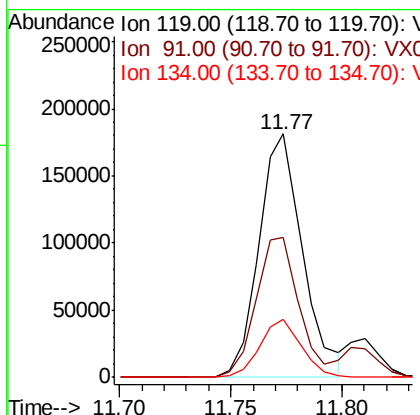
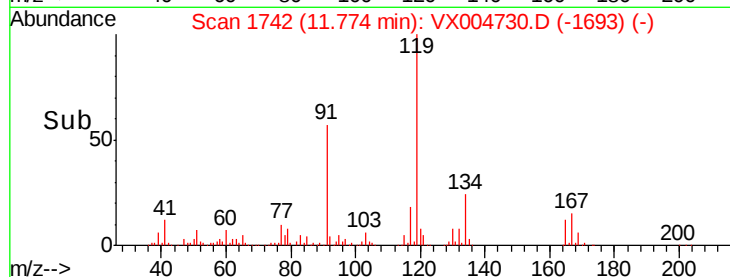
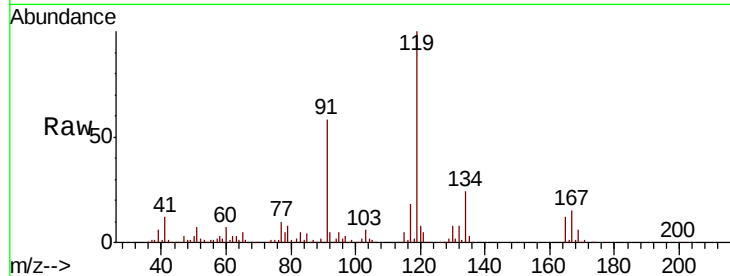
#83
 tert-Butylbenzene
 Concen: 21.952 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	246829		
91	56.2		27.0	81.0
134	22.7		11.7	35.1

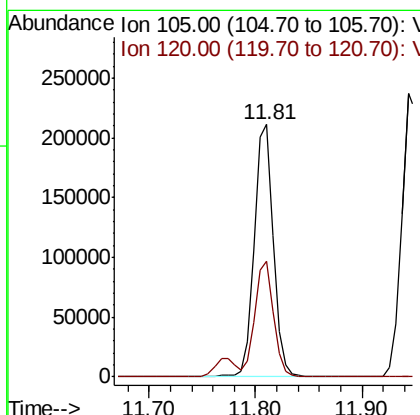
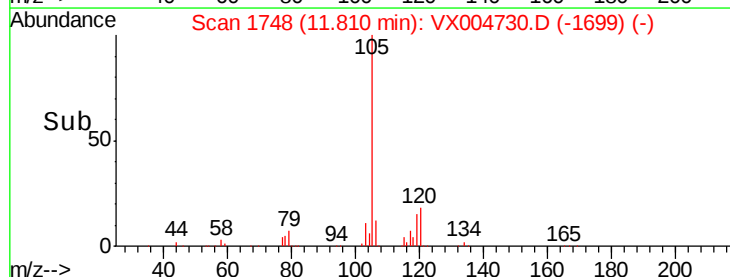
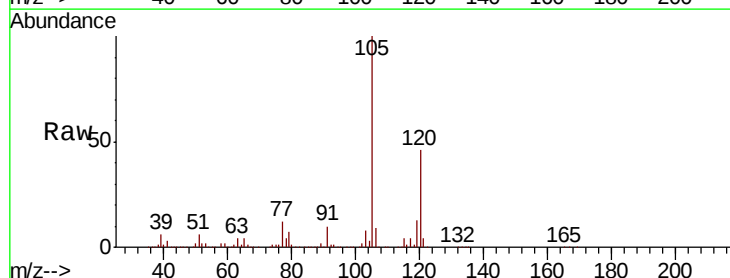
Manual Integrations
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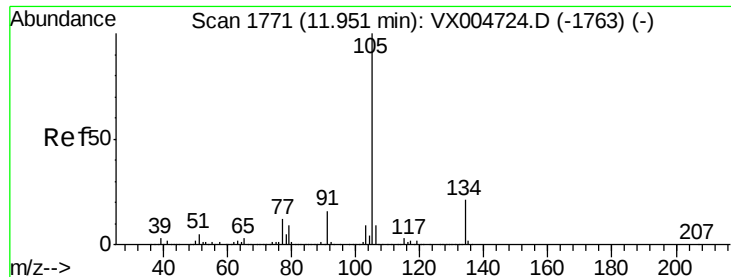
MMDadoda
 10/1/2018 1:31:00 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.517 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	266337		
120	45.0		23.2	69.6





#85

sec-Butylbenzene

Concen: 22.246 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion:105 Resp: 304670

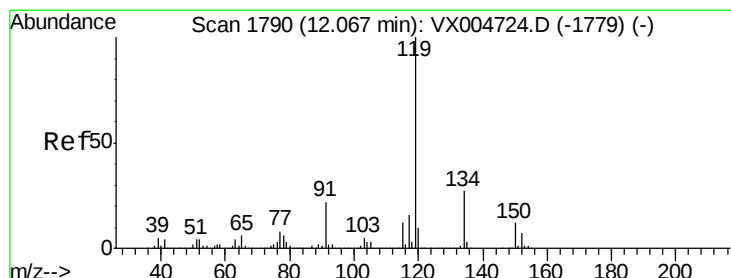
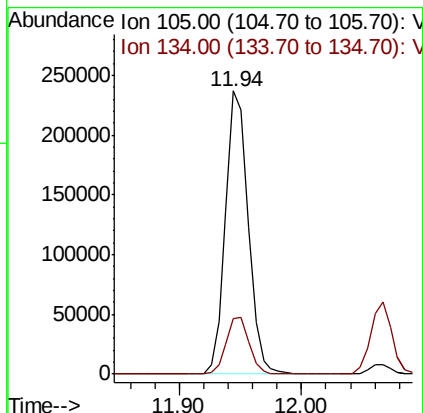
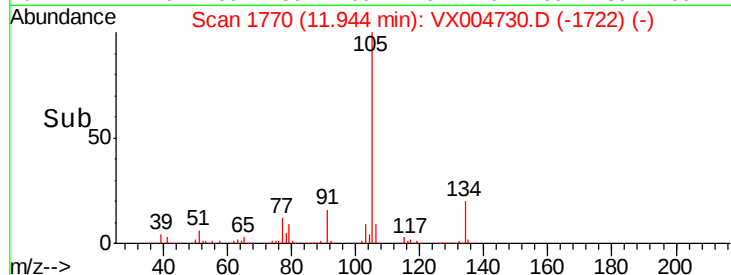
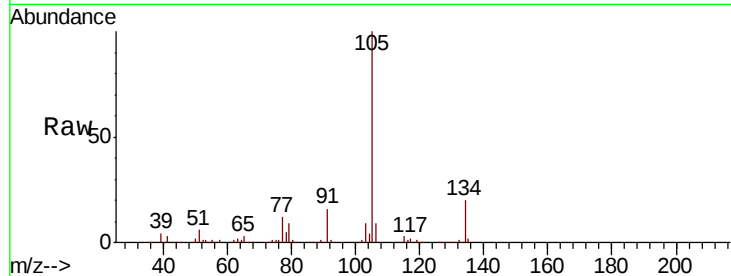
Ion Ratio Lower Upper

105 100

134 20.3 10.5 31.5

Manual Integrations
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10/1/2018 1:31:00 PM



#86

p-Isopropyltoluene

Concen: 22.000 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004730.D

Acq: 26 Sep 2018 17:01

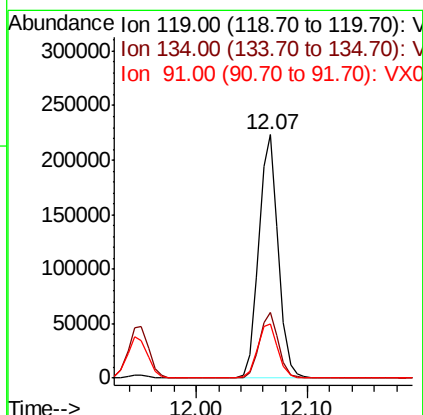
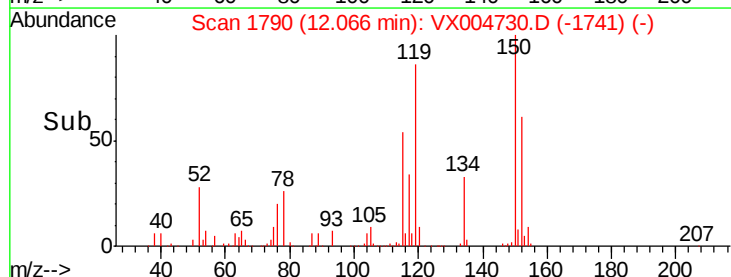
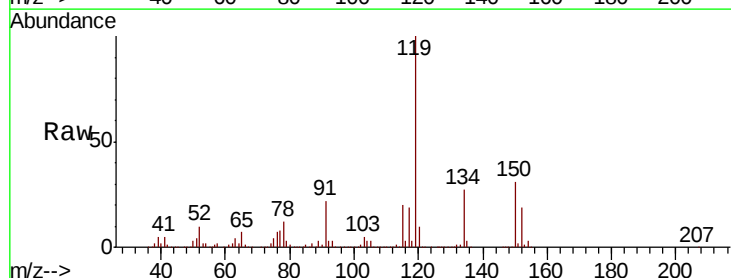
Tgt Ion:119 Resp: 272973

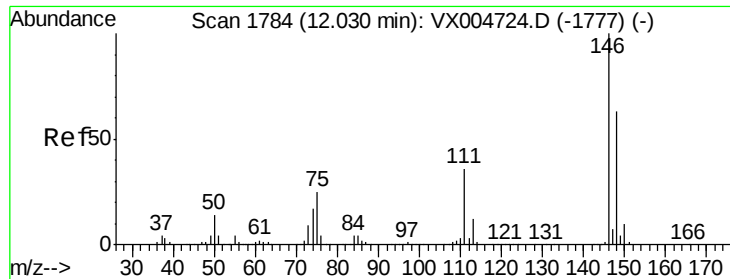
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 23.1 10.9 32.7





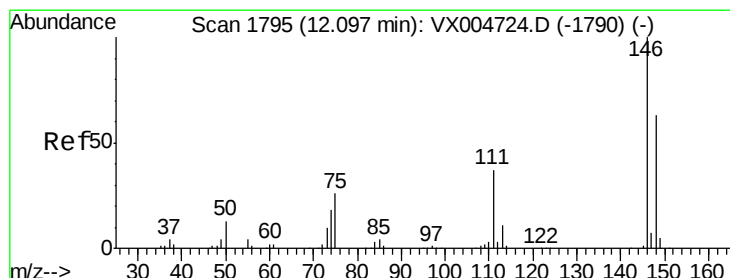
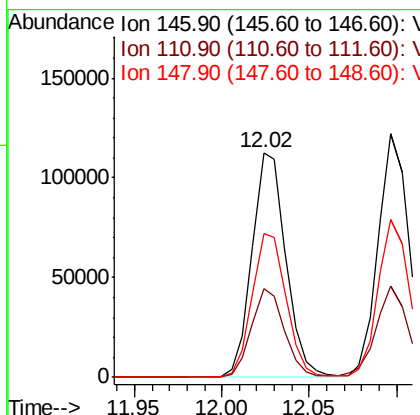
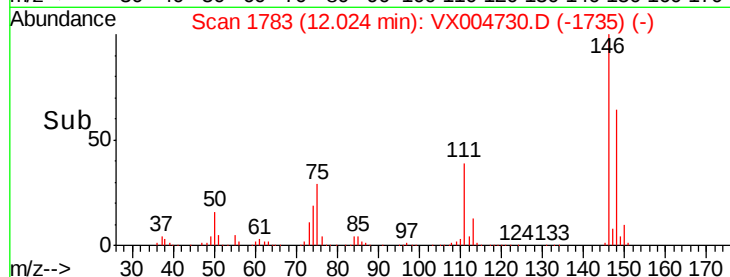
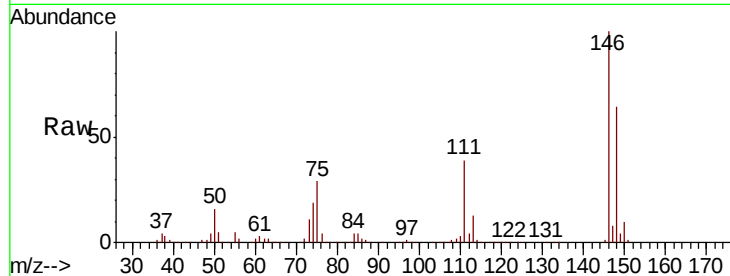
#87
 1,3-Dichlorobenzene
 Concen: 20.516 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.7	56.1
148	64.6	32.1	96.5

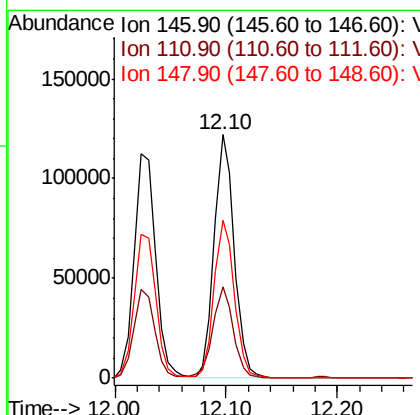
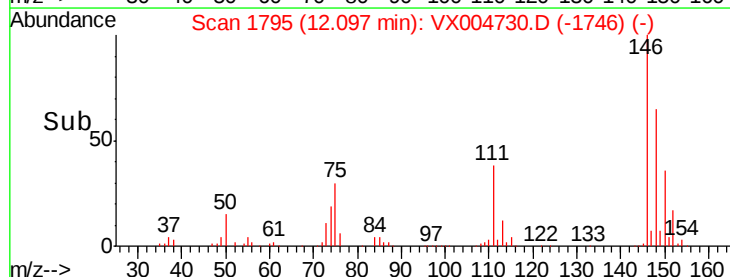
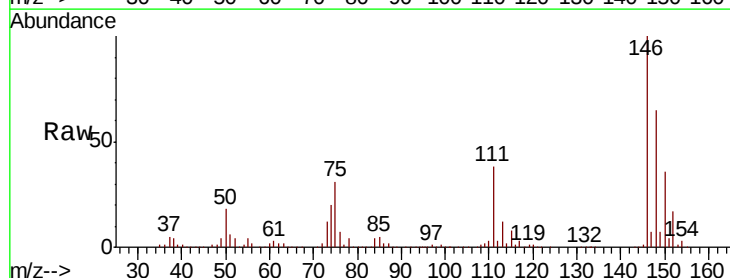
Manual Integrations
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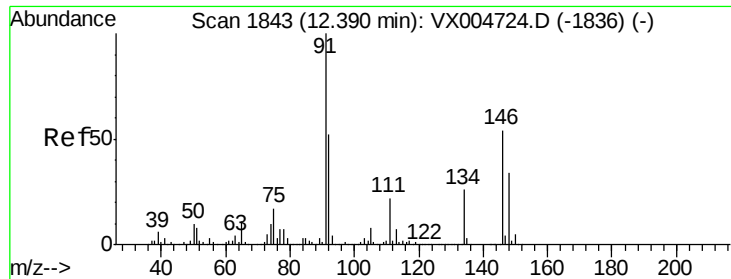
MMDadoda
 10/1/2018 1:31:00 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.019 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.1	54.1
148	65.4	32.0	96.0





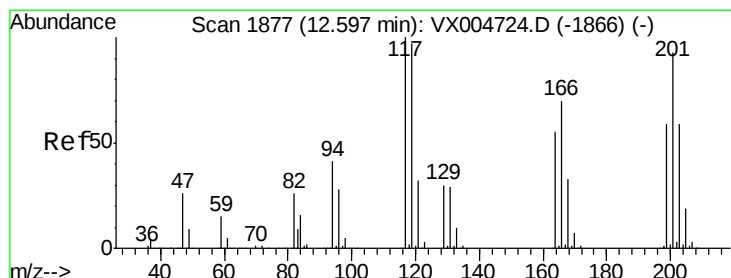
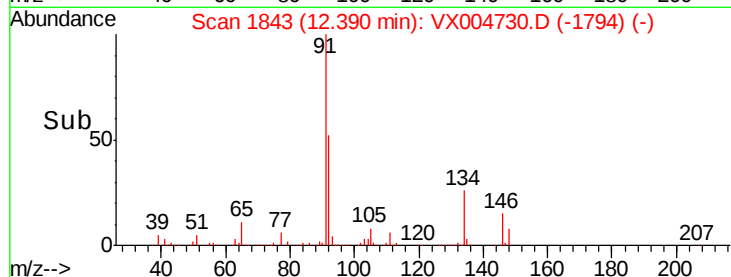
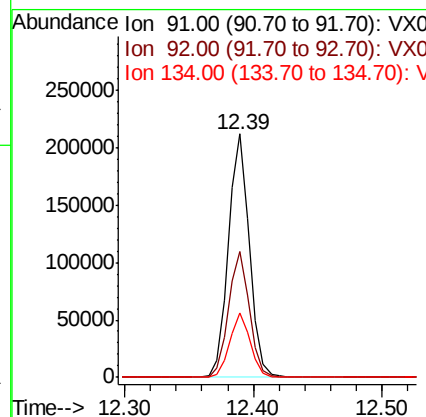
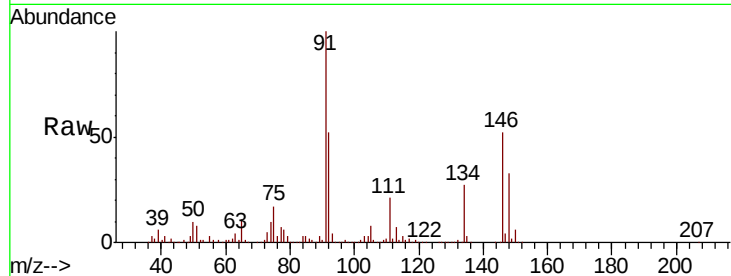
#89
n-Butylbenzene
Concen: 21.608 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampled :
VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	243503		
92	51.8	27.3	81.9	
134	26.0	13.6	40.7	

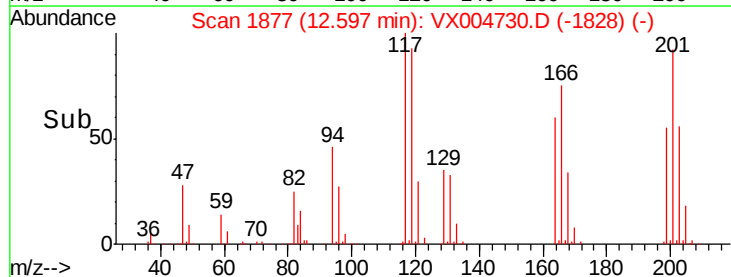
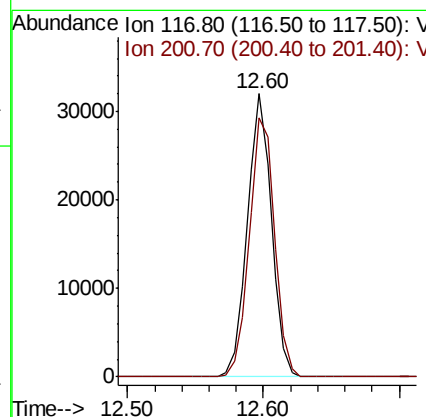
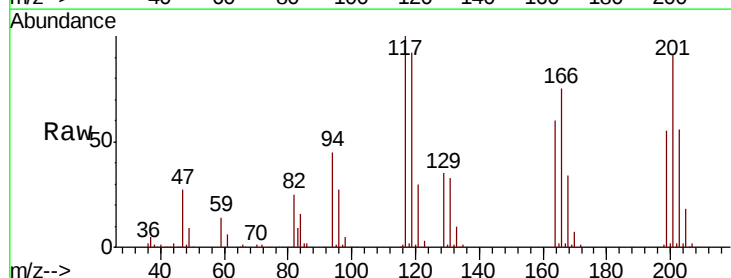
Manual Integrations
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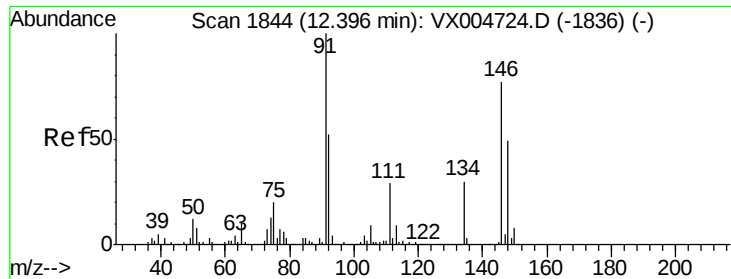
MMDadoda
10/1/2018 1:31:00 PM



#90
Hexachloroethane
Concen: 19.149 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39560		
201	95.8	46.9	140.6	





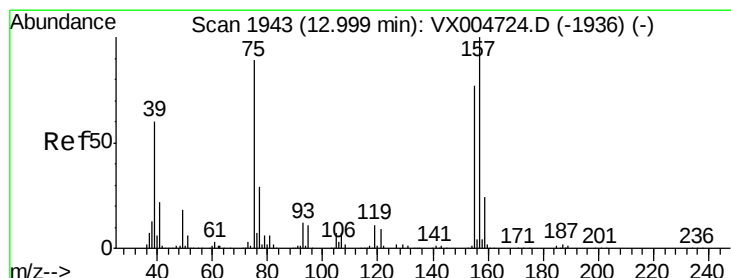
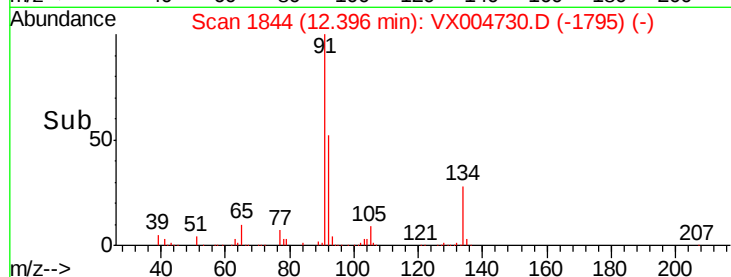
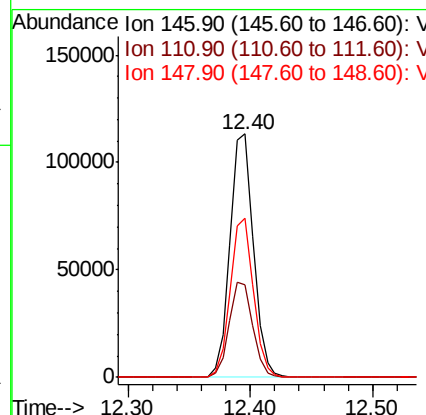
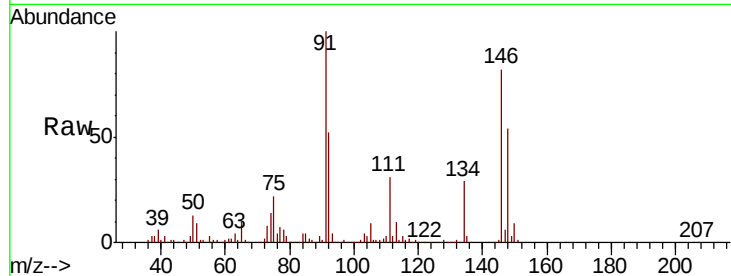
#91
 1,2-Dichlorobenzene
 Concen: 19.359 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	149846		
111	39.2	19.4	58.1	
148	64.5	32.8	98.3	

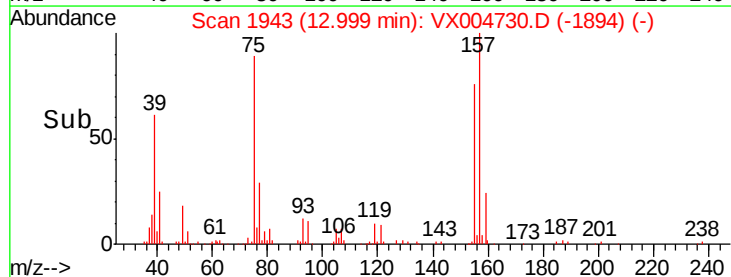
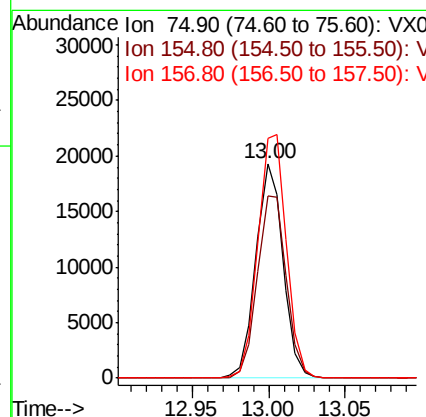
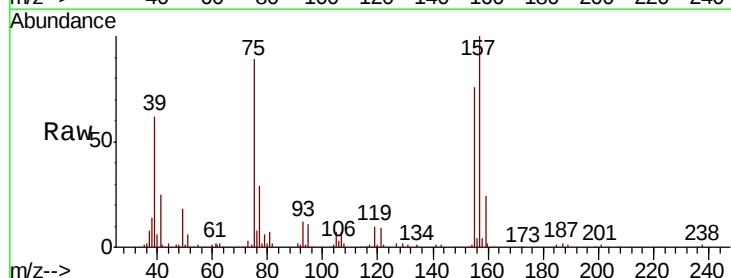
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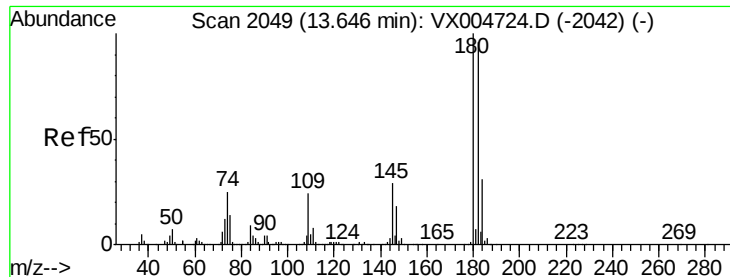
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.659 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23996		
155	90.2	48.0	144.2	
157	118.6	61.4	184.1	





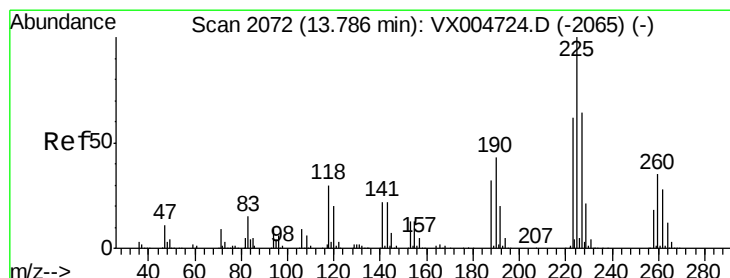
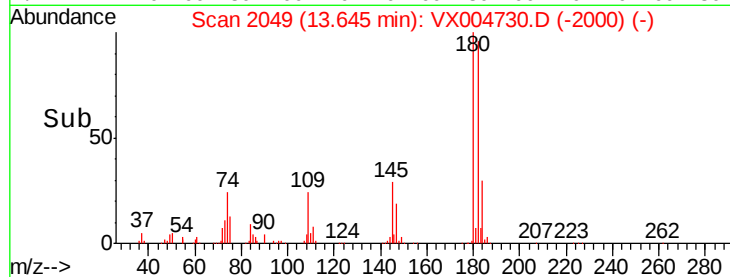
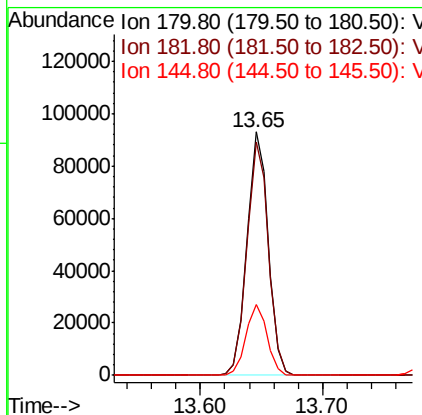
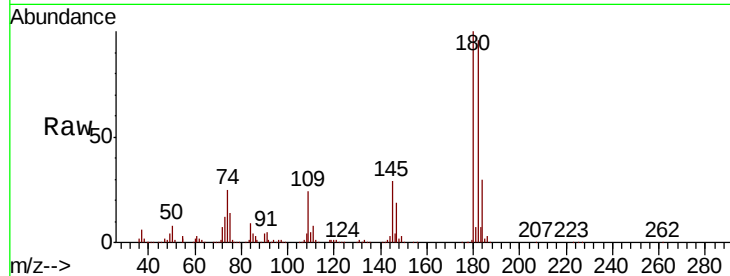
#93
 1,2,4-Trichlorobenzene
 Concen: 20.685 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion:	180	Resp:	112318
Ion Ratio	Lower	Upper	
180	100		
182	96.9	48.4	145.0
145	28.9	14.3	42.9

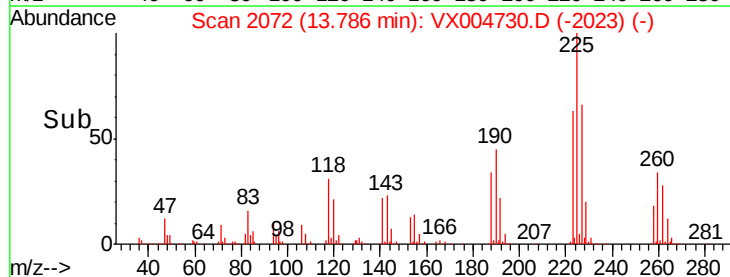
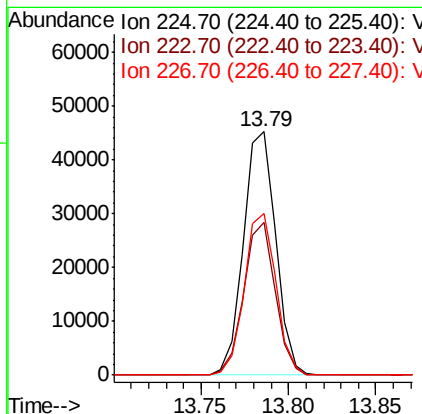
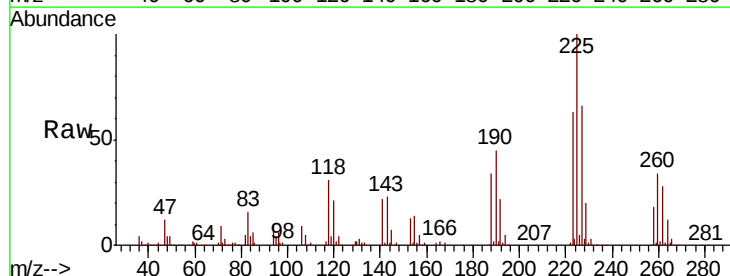
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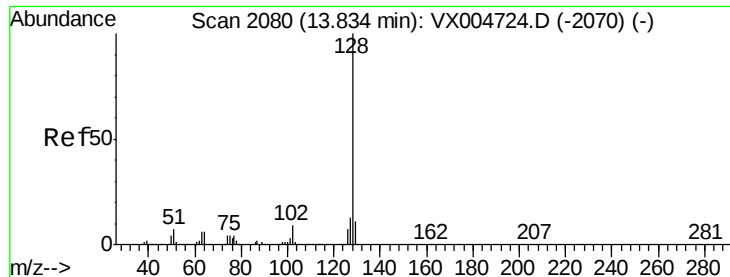
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#94
 Hexachlorobutadiene
 Concen: 20.633 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004730.D
 Acq: 26 Sep 2018 17:01

Tgt Ion:	225	Resp:	58097
Ion Ratio	Lower	Upper	
225	100		
223	61.1	30.1	90.5
227	64.8	30.8	92.4





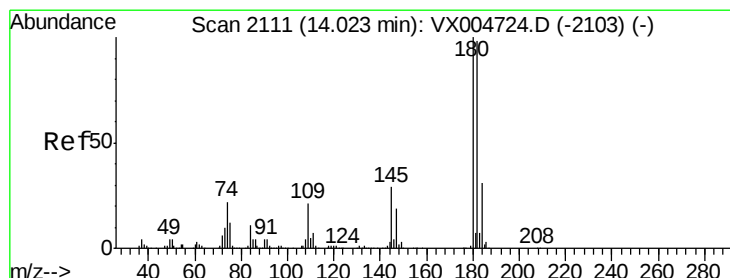
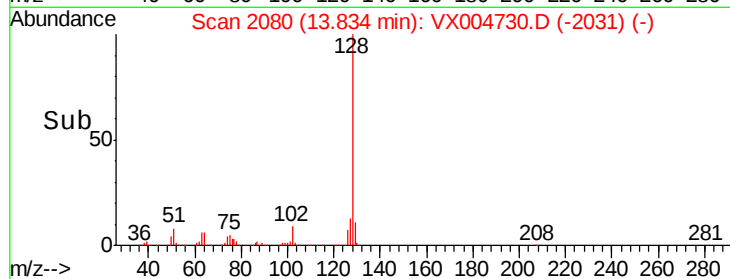
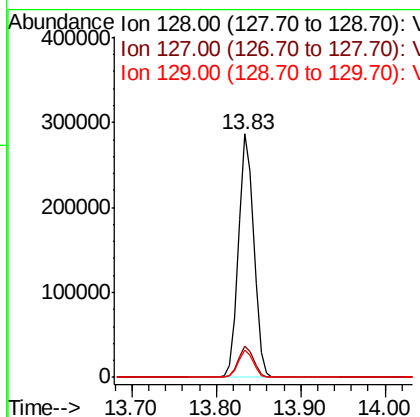
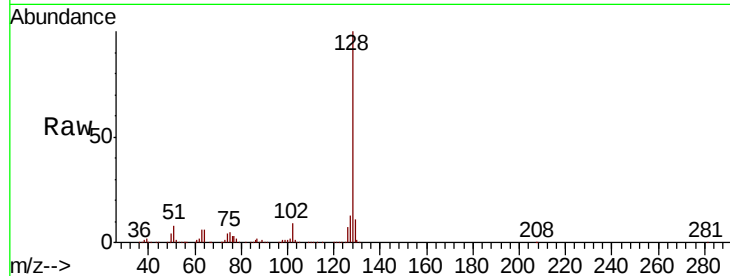
#95
Naphthalene
Concen: 19.764 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	348224		
127	13.0		10.2	15.2
129	11.0		8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.239 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004730.D
Acq: 26 Sep 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	113521		
182	96.3		48.5	145.6
145	29.9		14.9	44.9

