

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004810.D
 Acq On : 28 Sep 2018 08:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 9/28/2018 2:26:12 PM

Quant Time: Sep 28 08:45:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206295	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167018	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.50	113	135347	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
50) Toluene-d8	8.72	98	518642	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.14	95	190838	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	202966	61.829	ug/l	94
3) Chloromethane	1.32	50	204082	51.242	ug/l	99
4) Vinyl Chloride	1.40	62	213127	57.056	ug/l	100
5) Bromomethane	1.64	94	104547	47.199	ug/l	99
6) Chloroethane	1.71	64	119028	58.884	ug/l	97
7) Trichlorofluoromethane	1.92	101	262211	56.702	ug/l	95
8) Diethyl Ether	2.19	74	105020	52.276	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	147360	55.942	ug/l	100
10) Methyl Iodide	2.51	142	101794	28.878	ug/l	97
11) Tert butyl alcohol	3.08	59	251997	262.047	ug/l	100
12) 1,1-Dichloroethene	2.37	96	142078	54.463	ug/l	94
13) Acrolein	2.29	56	141395	206.655	ug/l	99
14) Allyl chloride	2.73	41	302447	53.136	ug/l	95
15) Acrylonitrile	3.15	53	570890	269.675	ug/l	99
16) Acetone	2.45	43	492510	245.285	ug/l	95
17) Carbon Disulfide	2.57	76	423678	54.048	ug/l	98
18) Methyl Acetate	2.78	43	288773	56.764	ug/l	91
19) Methyl tert-butyl Ether	3.20	73	508957	56.561	ug/l	96
20) Methylene Chloride	2.85	84	163361	56.059	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	155516	54.458	ug/l	94
22) Diisopropyl ether	3.87	45	532990	55.608	ug/l	96
23) Vinyl Acetate	3.82	43	2410436	274.739	ug/l	98
24) 1,1-Dichloroethane	3.70	63	300237	52.512	ug/l	97
25) 2-Butanone	4.70	43	765183	258.533	ug/l	94
26) 2,2-Dichloropropane	4.59	77	134491	33.780	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	164356	51.519	ug/l	95
28) Bromochloromethane	5.02	49	128814	47.843	ug/l	91
29) Tetrahydrofuran	5.15	42	494550	268.840	ug/l	92
30) Chloroform	5.21	83	272424	50.416	ug/l	98
31) Cyclohexane	5.57	56	257986	58.955	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	235219	53.302	ug/l	99
36) 1,1-Dichloropropene	5.80	75	205478	49.998	ug/l	100
37) Ethyl Acetate	4.86	43	270409	49.568	ug/l	97
38) Carbon Tetrachloride	5.78	117	207445	48.019	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241516	57.552	ug/l	95
40) Benzene	6.14	78	623145	48.432	ug/l	100
41) Methacrylonitrile	5.06	41	152707	50.475	ug/l	95
42) 1,2-Dichloroethane	6.20	62	223589	49.158	ug/l	97
43) Isopropyl Acetate	6.46	43	407870	51.800	ug/l	96
44) Trichloroethene	7.21	130	164768	52.093	ug/l	94
45) 1,2-Dichloropropane	7.52	63	168832	53.508	ug/l	99
46) Dibromomethane	7.66	93	107903	54.416	ug/l	97
47) Bromodichloromethane	7.90	83	204399	55.055	ug/l	100
48) Methyl methacrylate	7.77	41	215764	60.373	ug/l	93
49) 1,4-Dioxane	7.75	88	91558	1031.195	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1438095	290.069	ug/l	95
52) Toluene	8.79	92	387683	54.836	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	215660	51.404	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	237847	54.126	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160785	51.919	ug/l	96
56) Ethyl methacrylate	9.18	69	257414	51.153	ug/l	94
57) 1,3-Dichloropropane	9.37	76	270445	52.471	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	701071	262.009	ug/l	93
59) 2-Hexanone	9.50	43	1144692	277.071	ug/l	94
60) Dibromochloromethane	9.59	129	165147	53.324	ug/l	100
61) 1,2-Dibromoethane	9.67	107	167247	50.428	ug/l	99
64) Tetrachloroethene	9.34	164	160873	48.226	ug/l	99
65) Chlorobenzene	10.14	112	428603	49.315	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	156276	51.147	ug/l	99
67) Ethyl Benzene	10.26	91	741897	53.768	ug/l	97
68) m/p-Xylenes	10.36	106	574338	106.517	ug/l	94
69) o-Xylene	10.70	106	278037	56.141	ug/l	97
70) Styrene	10.71	104	469385	50.646	ug/l	97
71) Bromoform	10.86	173	135006	51.611	ug/l	99
73) Isopropylbenzene	11.02	105	743089	57.147	ug/l	99
74) N-amyl acetate	10.90	43	374214	52.277	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	266380	50.326	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	238078m	51.489	ug/l	
77) Bromobenzene	11.26	156	199542	52.833	ug/l	97
78) n-propylbenzene	11.36	91	862438	57.806	ug/l	99
79) 2-Chlorotoluene	11.42	91	511116	54.961	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	631947	53.038	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	66483	39.644	ug/l	99
82) 4-Chlorotoluene	11.51	91	604615	55.236	ug/l	99
83) tert-Butylbenzene	11.77	119	620582	57.967	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	657324	53.496	ug/l	98
85) sec-Butylbenzene	11.94	105	751038	57.595	ug/l	98
86) p-Isopropyltoluene	12.07	119	674103	57.058	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	365420	51.815	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	370825	50.936	ug/l	99
89) n-Butylbenzene	12.39	91	598671	55.796	ug/l	97
90) Hexachloroethane	12.60	117	108503	55.160	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	372402	50.529	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63261	54.432	ug/l	96

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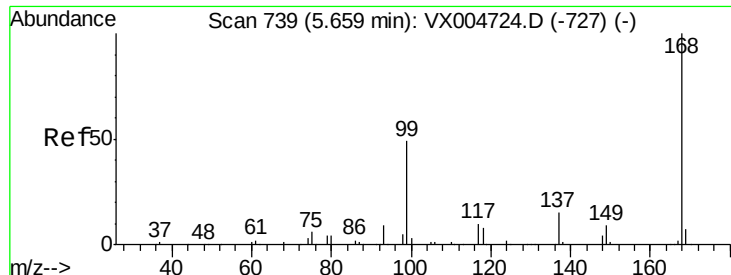
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277960	53.764	ug/l	99
94) Hexachlorobutadiene	13.79	225	130999	48.863	ug/l	98
95) Naphthalene	13.83	128	908202	52.885	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284665	53.301	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 240760

Ion Ratio Lower Upper

168 100

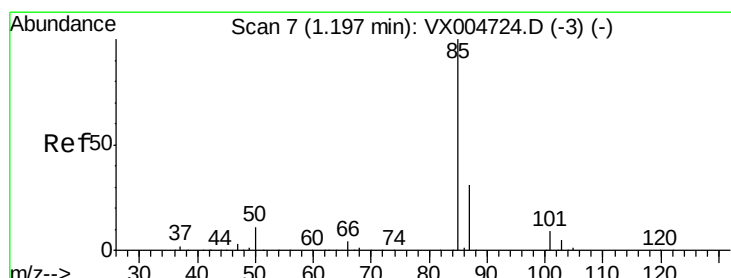
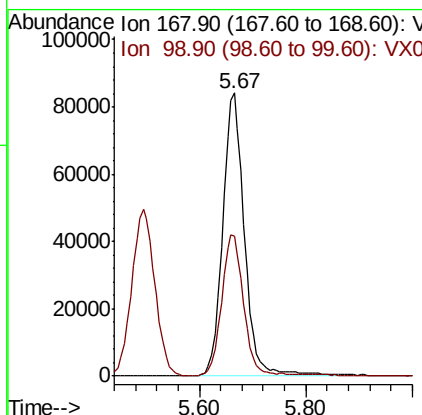
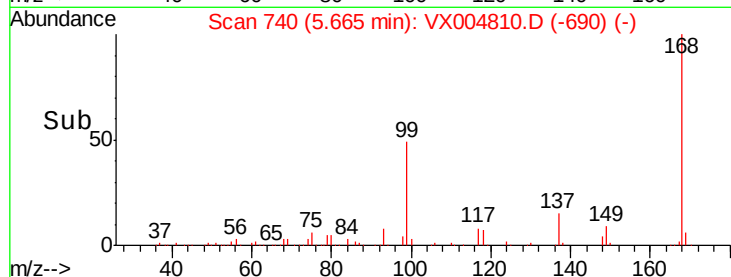
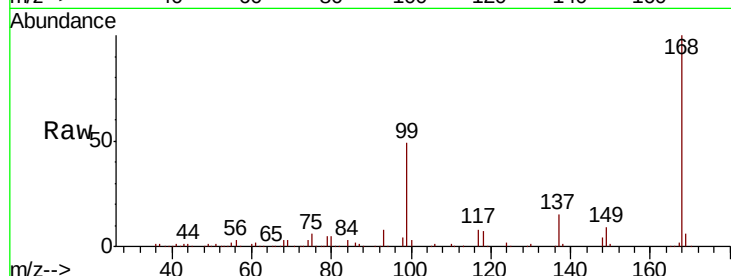
99 49.3 39.9 59.9

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#2

Dichlorodifluoromethane

Concen: 61.829 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004810.D

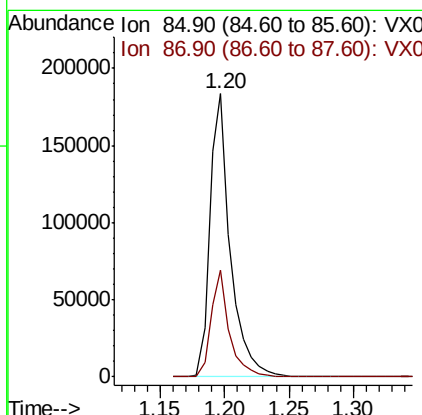
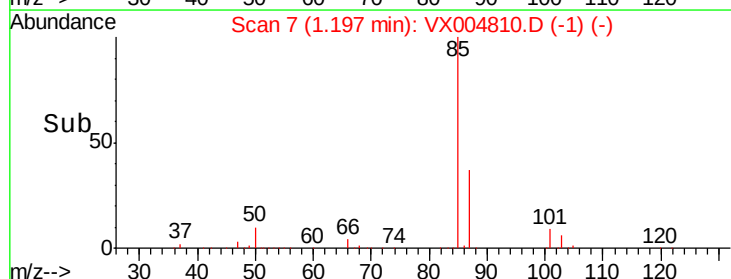
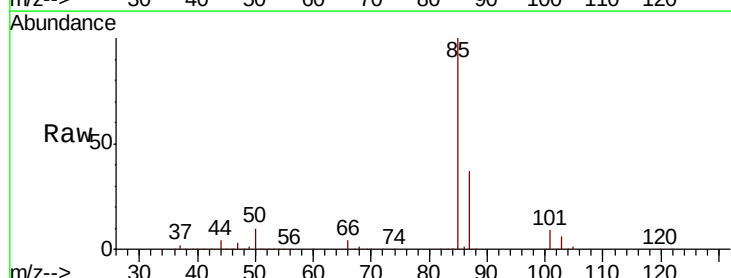
Acq: 28 Sep 2018 08:10

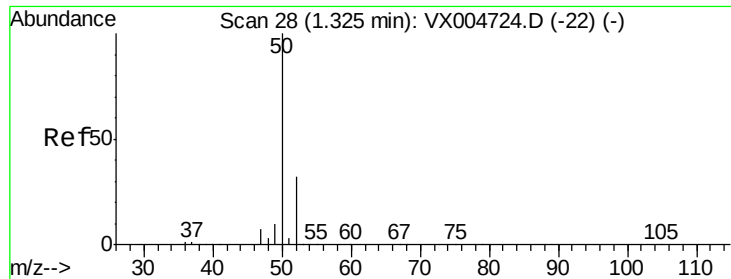
Tgt Ion: 85 Resp: 202966

Ion Ratio Lower Upper

85 100

87 37.5 17.0 50.9





#3

Chloromethane

Concen: 51.242 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 204082

Ion Ratio Lower Upper

50 100

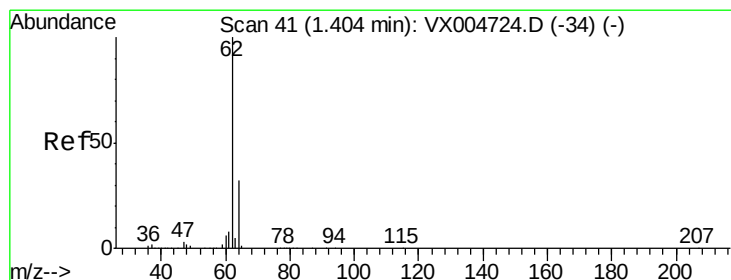
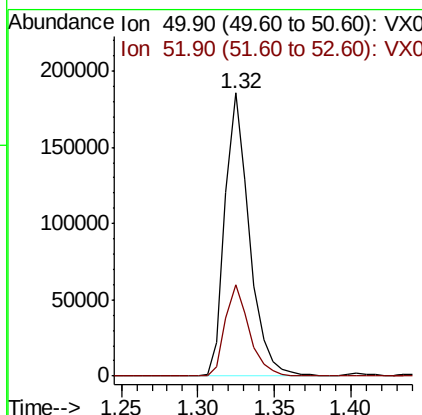
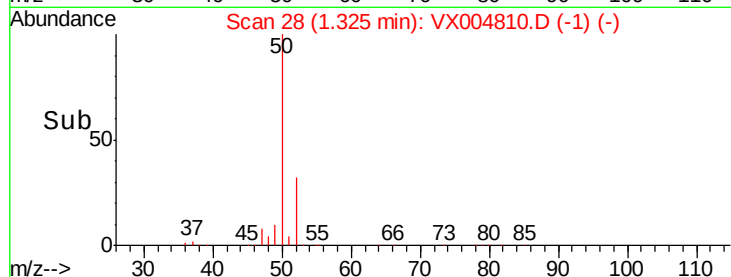
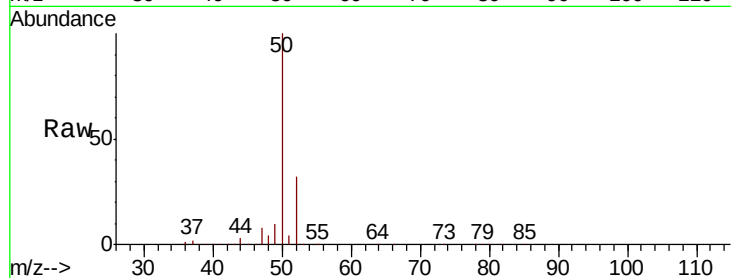
52 32.4 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 57.056 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004810.D

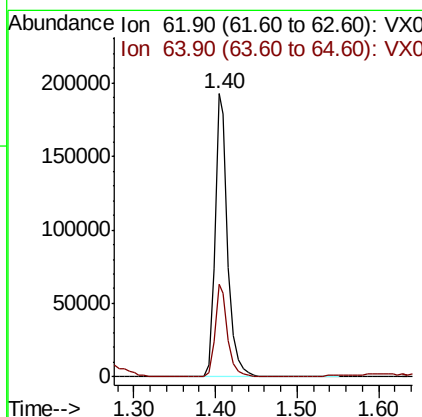
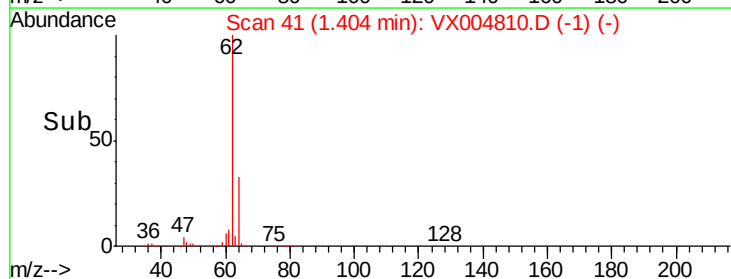
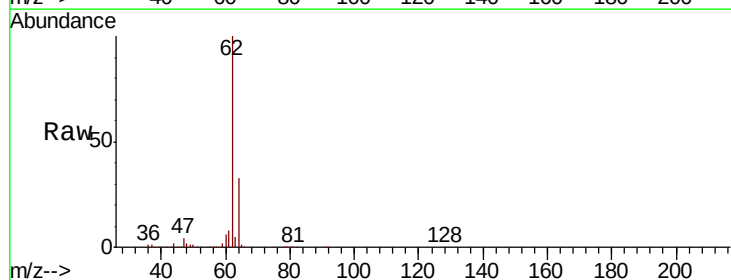
Acq: 28 Sep 2018 08:10

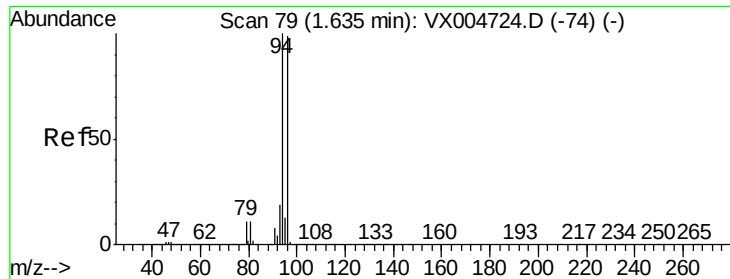
Tgt Ion: 62 Resp: 213127

Ion Ratio Lower Upper

62 100

64 32.4 25.8 38.8





#5

Bromomethane

Concen: 47.199 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 104547

Ion Ratio Lower Upper

94 100

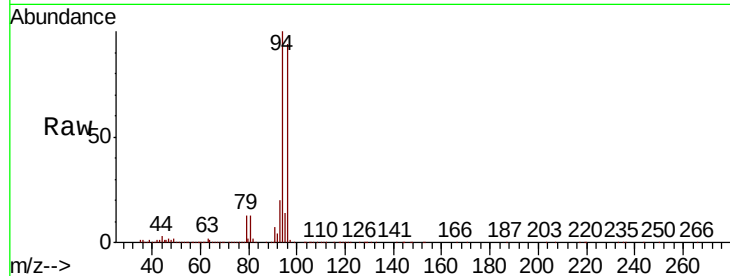
96 94.1 74.5 111.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

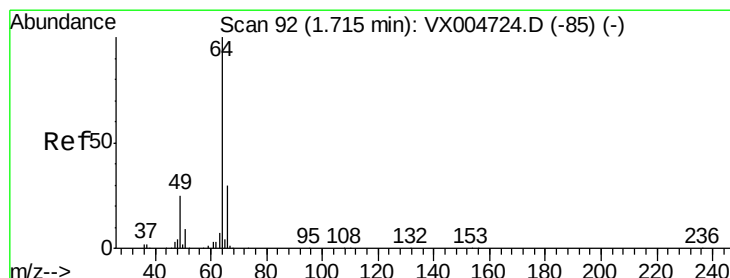
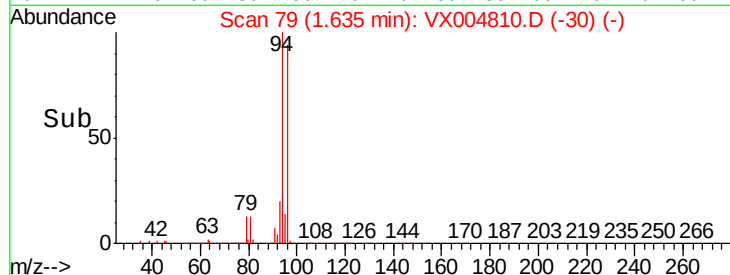
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 58.884 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004810.D

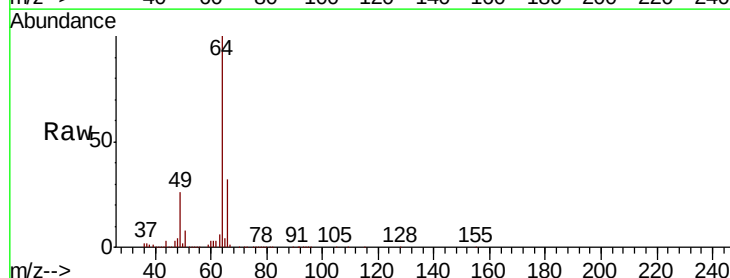
Acq: 28 Sep 2018 08:10

Tgt Ion: 64 Resp: 119028

Ion Ratio Lower Upper

64 100

66 32.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

60000

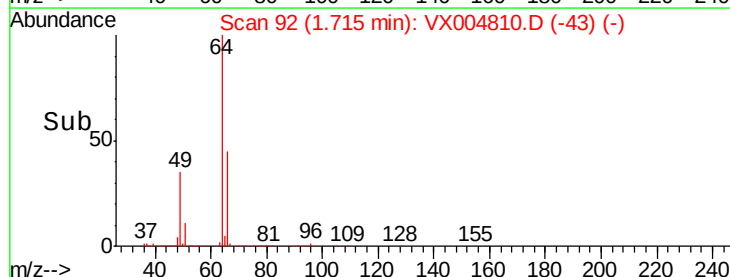
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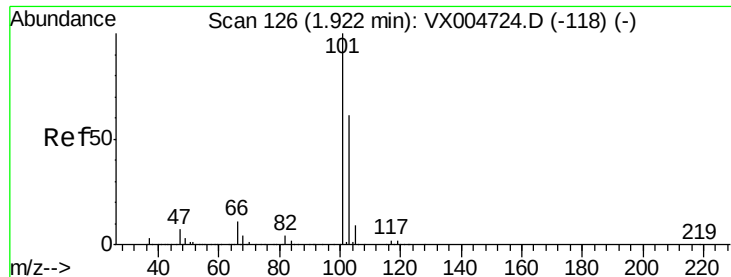
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0

1.60 1.70 1.80 1.90

Time-->





#7

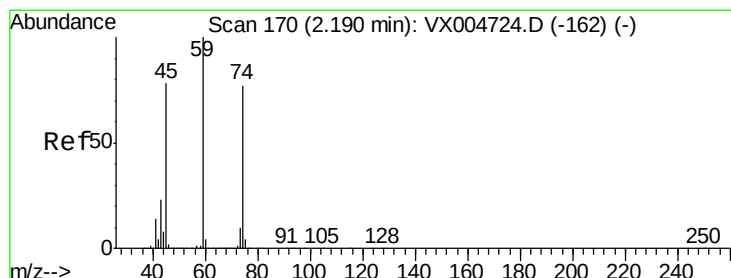
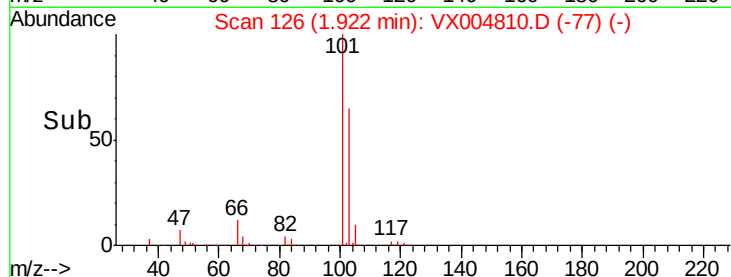
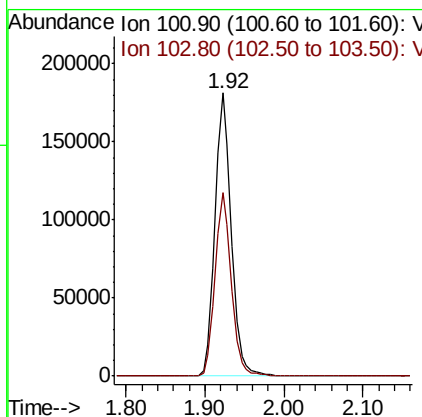
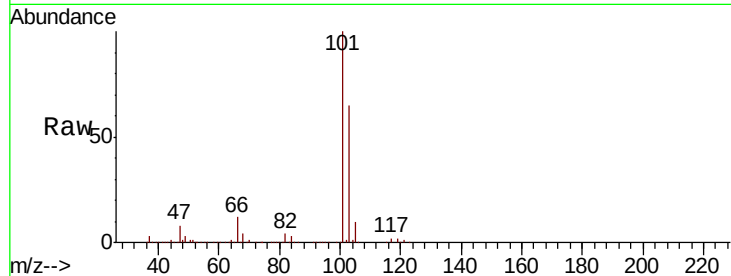
Trichlorofluoromethane
 Concen: 56.702 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	262211		
103	65.0	48.9	73.3	

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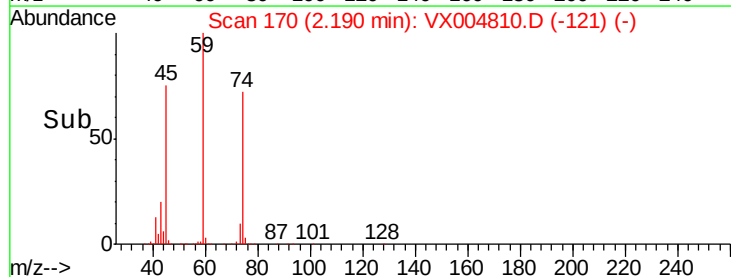
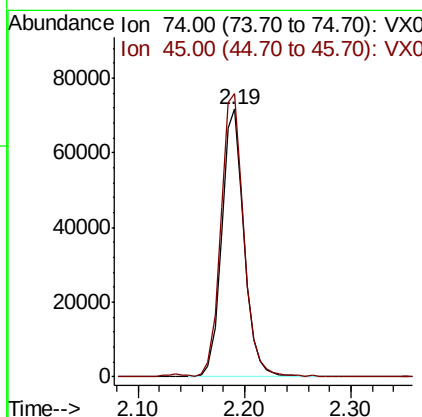
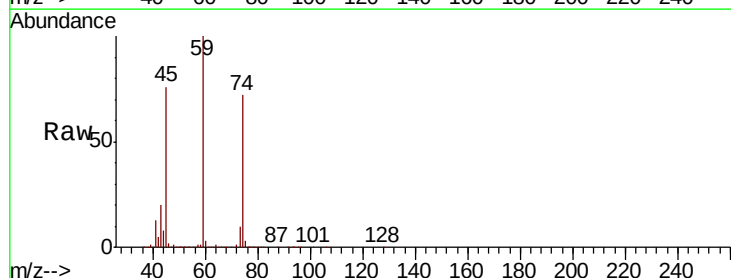
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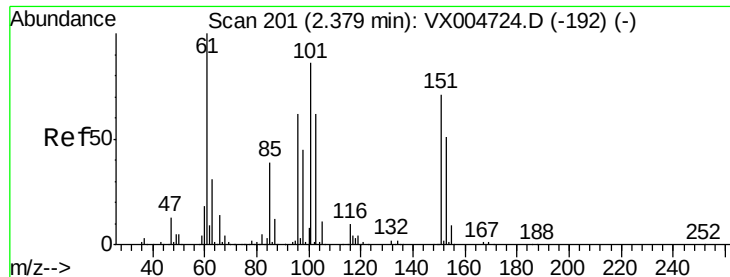


#8

Diethyl Ether
 Concen: 52.276 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	105020		
45	107.8	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.942 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

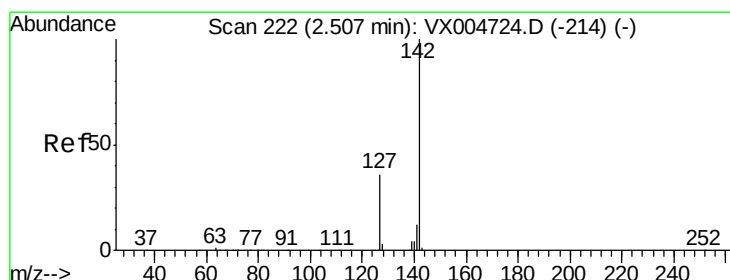
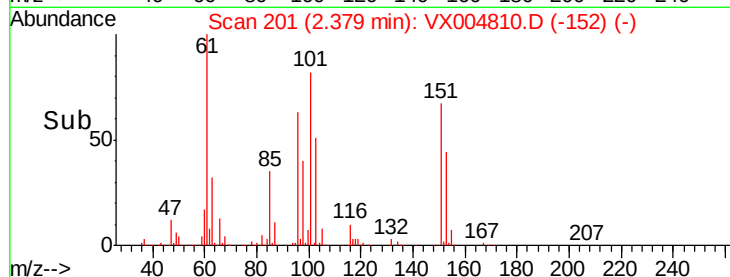
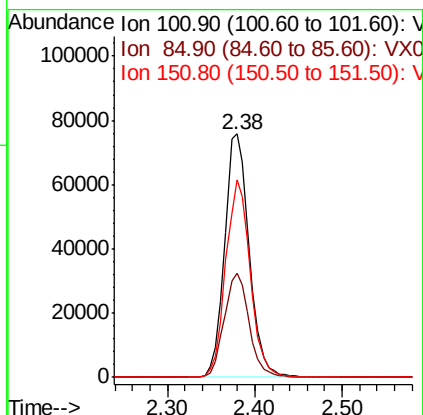
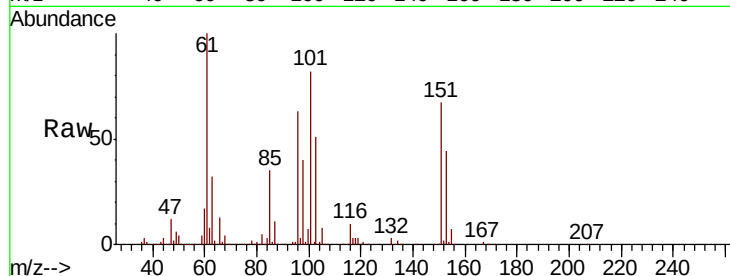
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	147360
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.2	51.4
151	81.2	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 28.878 ug/l

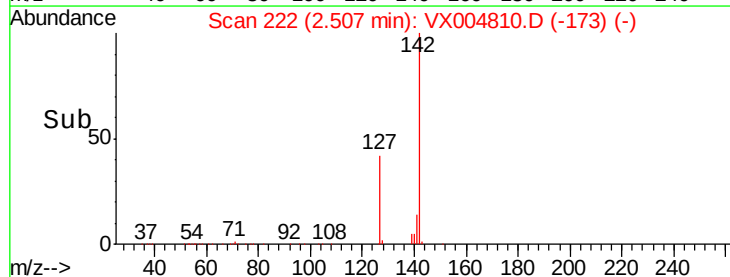
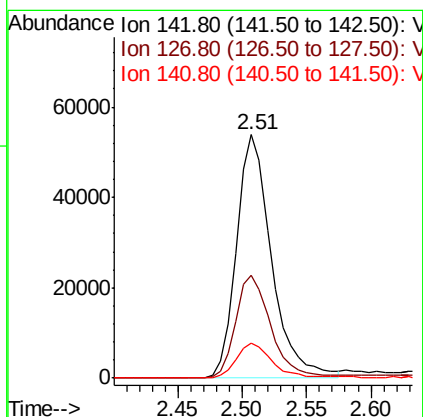
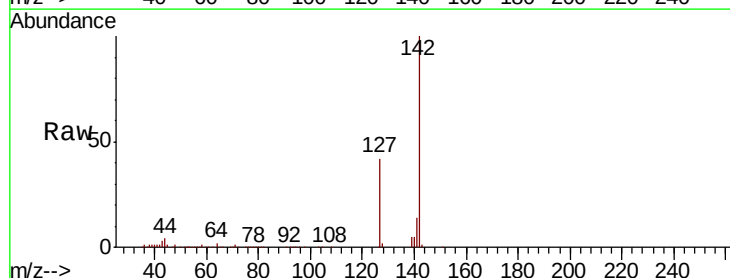
RT: 2.51 min Scan# 222

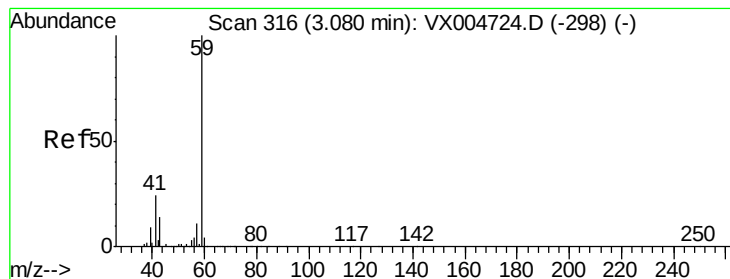
Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Tgt Ion:	142	Resp:	101794
Ion Ratio	Lower	Upper	
142	100		
127	43.9	33.8	50.6
141	15.0	11.4	17.0





#11

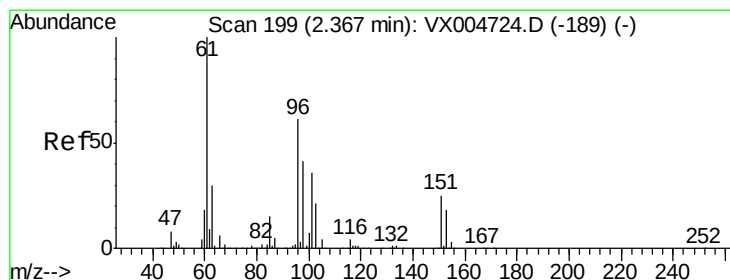
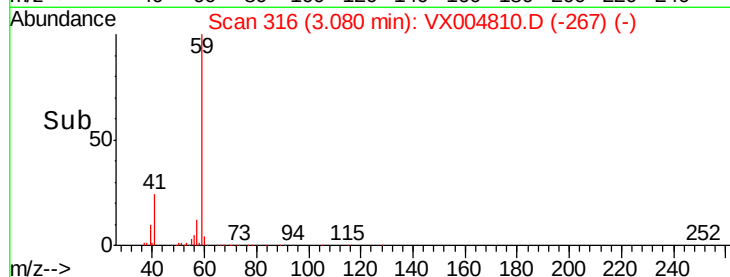
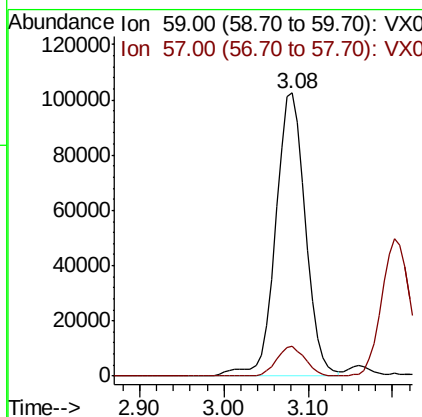
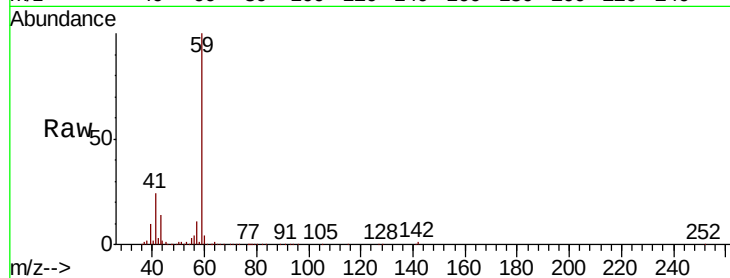
Tert butyl alcohol
 Concen: 262.047 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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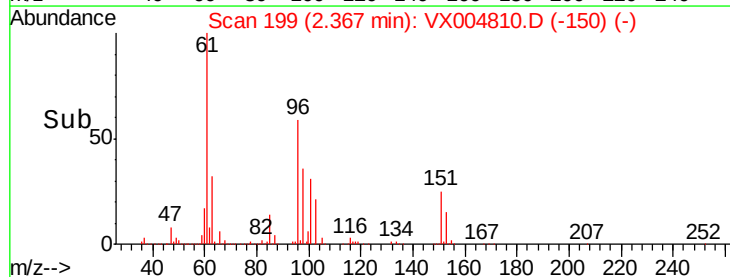
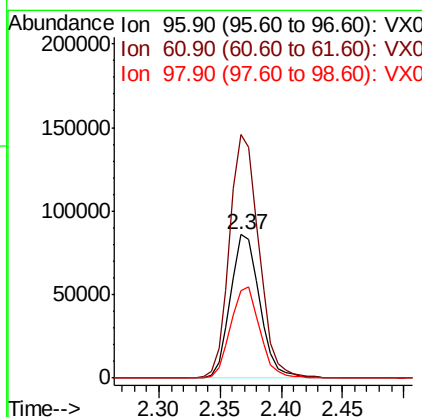
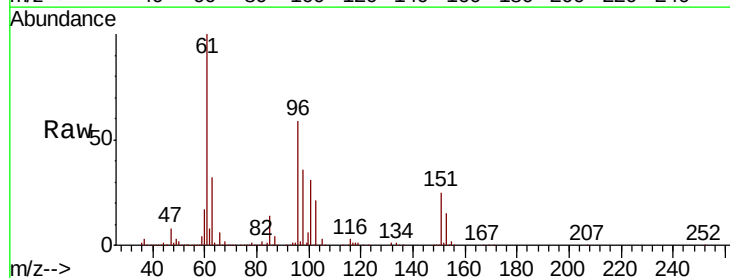
MMDadoda
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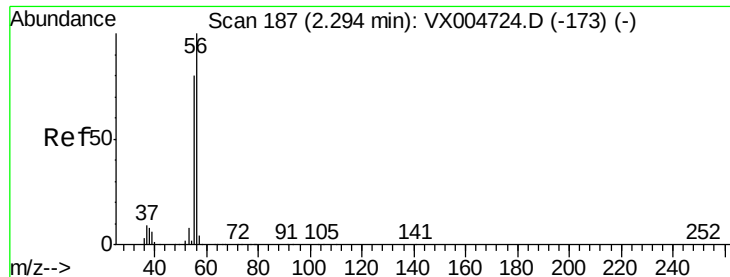


#12

1,1-Dichloroethene
 Concen: 54.463 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.8	128.8	193.2
98	61.3	52.2	78.2





#13

Acrolein

Concen: 206.655 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 141395

Ion Ratio Lower Upper

56 100

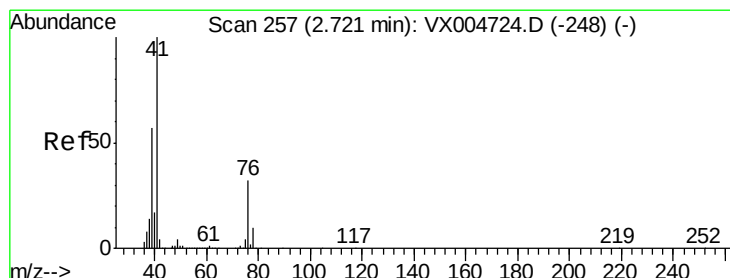
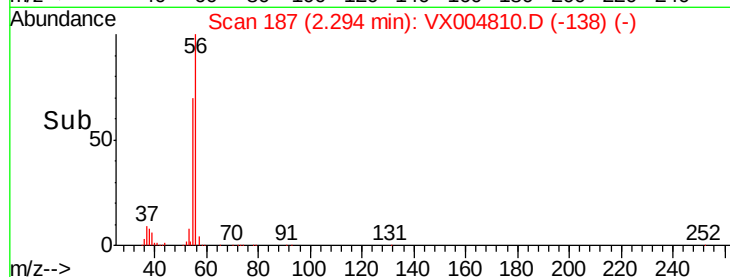
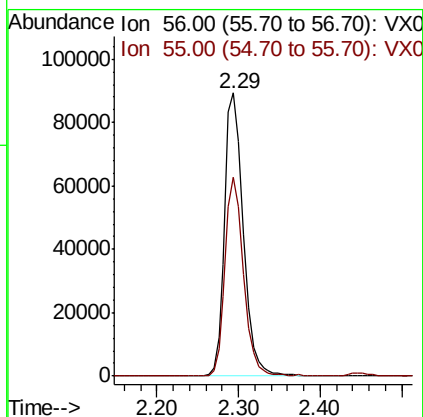
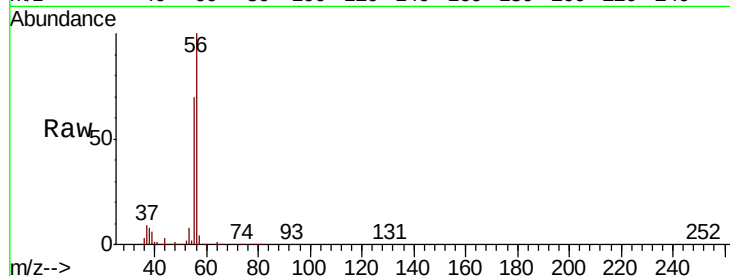
55 69.5 54.7 82.1

Manual Integrations

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#14

Allyl chloride

Concen: 53.136 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

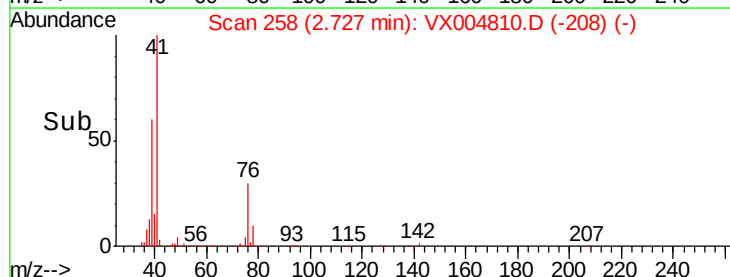
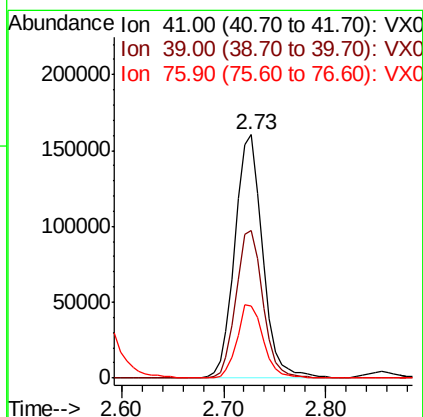
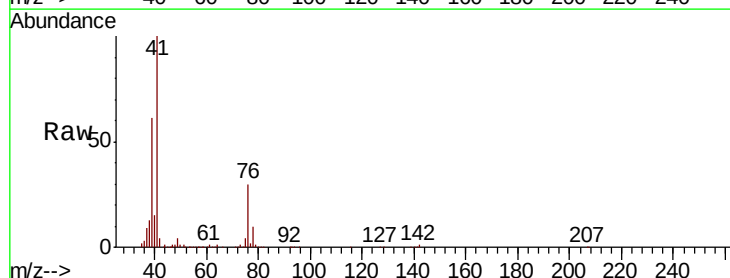
Tgt Ion: 41 Resp: 302447

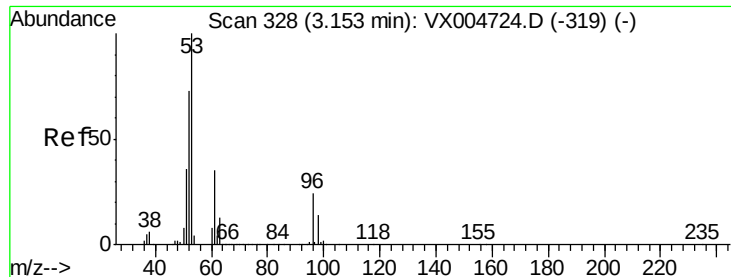
Ion Ratio Lower Upper

41 100

39 58.6 48.9 73.3

76 28.1 26.7 40.1





#15

Acrylonitrile

Concen: 269.675 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

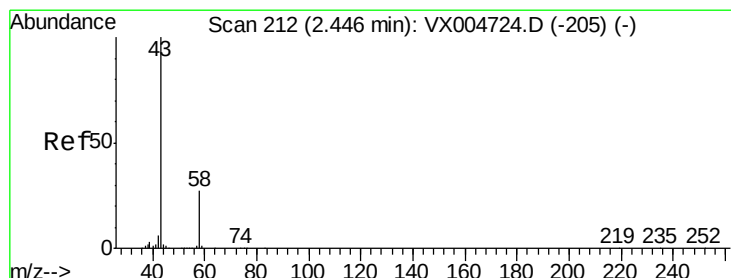
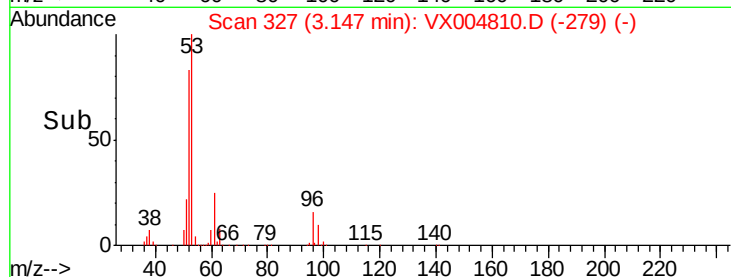
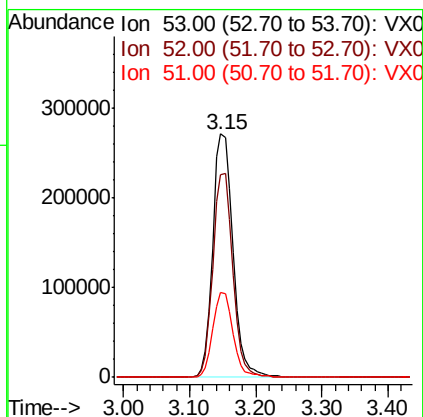
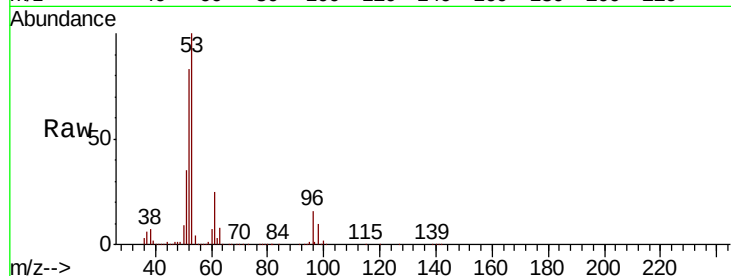
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	570890
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.2	97.8
51	35.1	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 245.285 ug/l

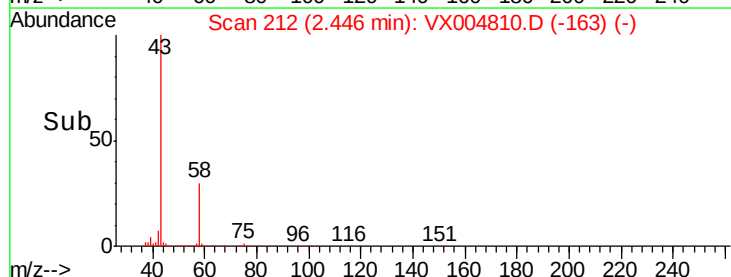
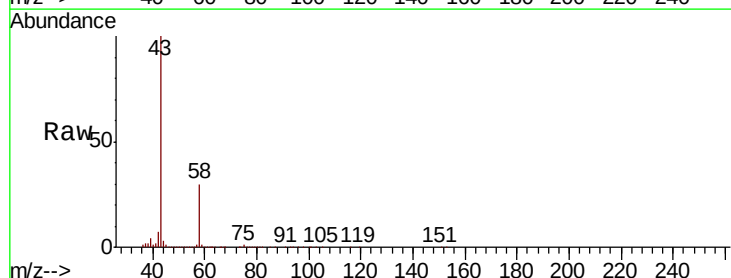
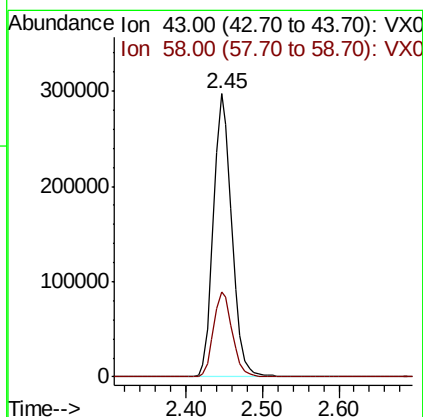
RT: 2.45 min Scan# 212

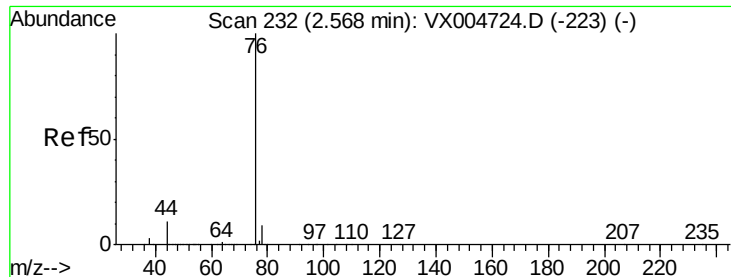
Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Tgt Ion:	43	Resp:	492510
Ion	Ratio	Lower	Upper
43	100		
58	30.2	26.2	39.4





#17

Carbon Disulfide

Concen: 54.048 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 423678

Ion Ratio Lower Upper

76 100

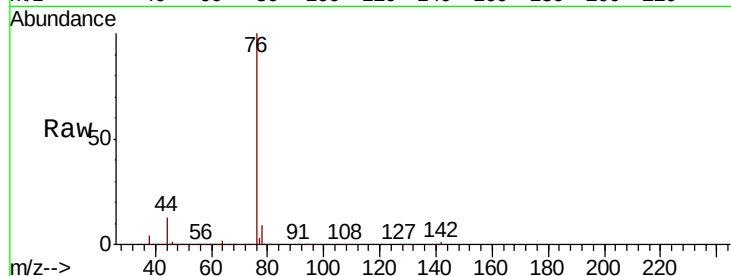
78 9.5 7.0 10.6

Manual Integrations

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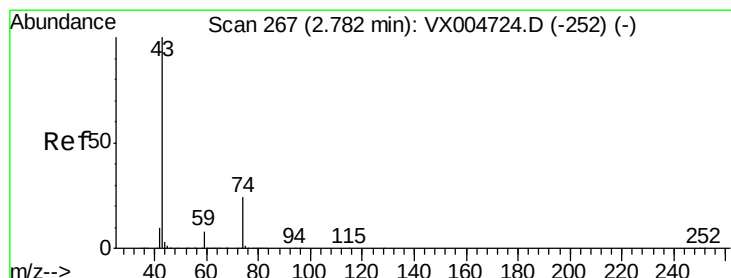
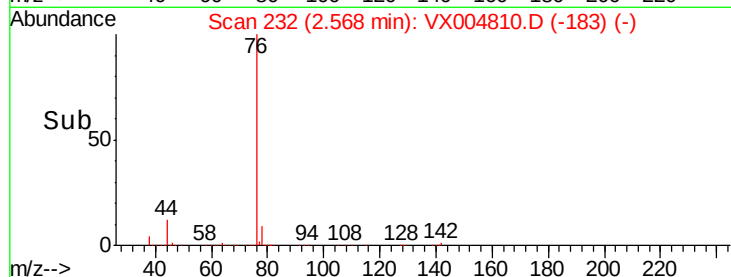
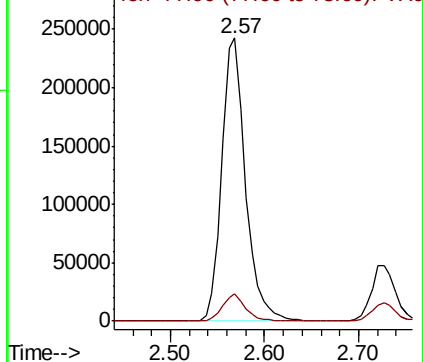
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 56.764 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004810.D

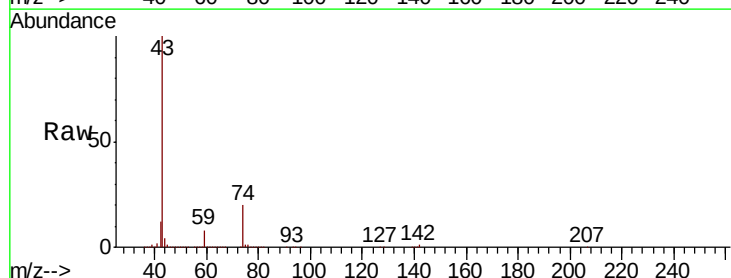
Acq: 28 Sep 2018 08:10

Tgt Ion: 43 Resp: 288773

Ion Ratio Lower Upper

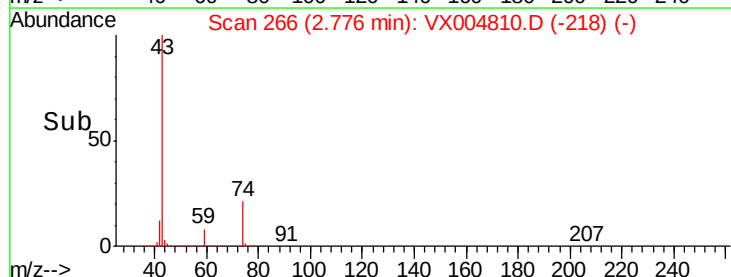
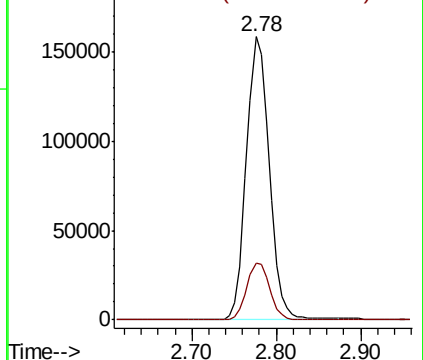
43 100

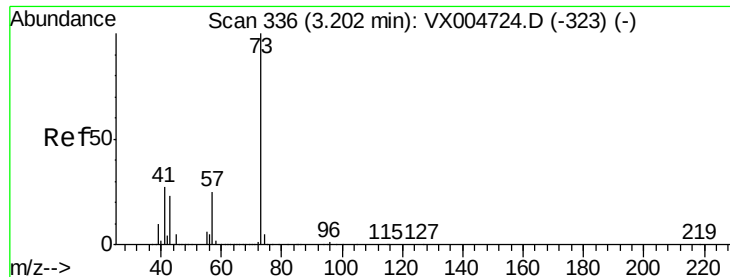
74 19.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





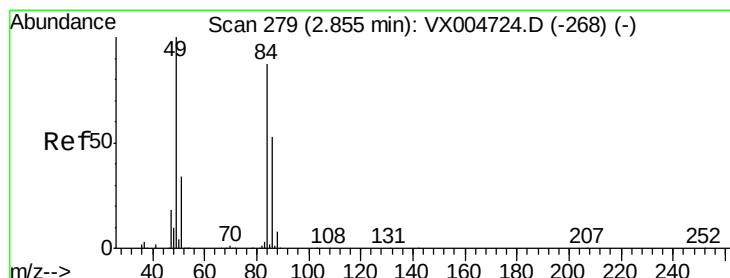
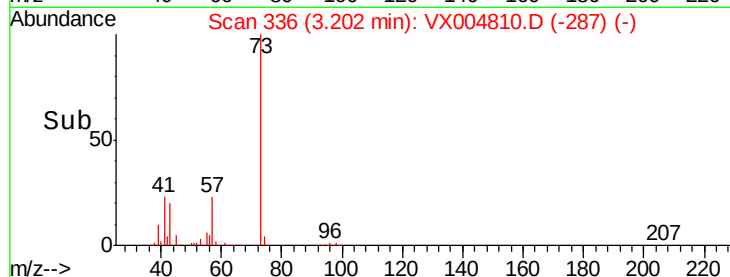
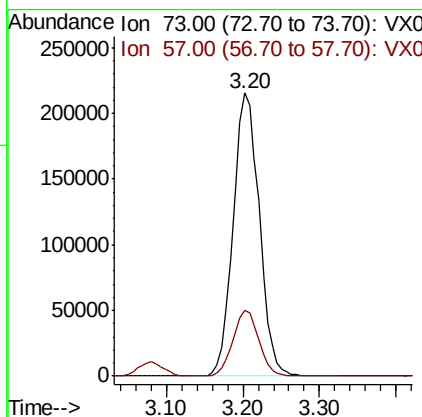
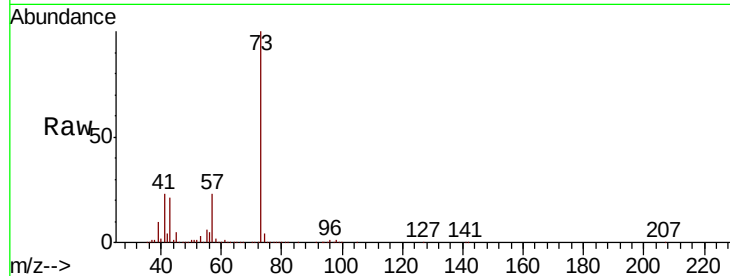
#19
Methyl tert-butyl Ether
Concen: 56.561 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.1	25.7

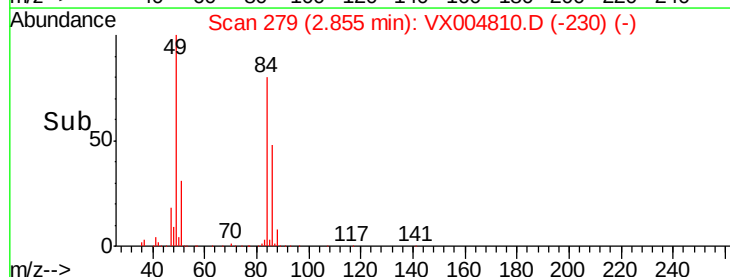
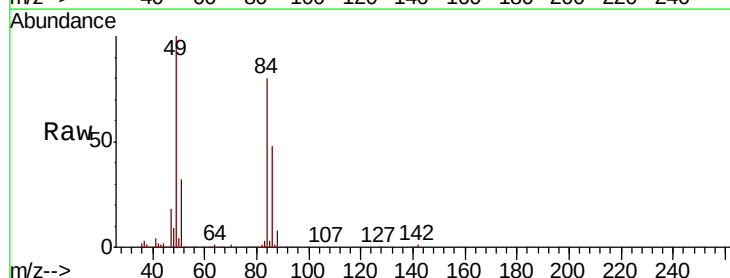
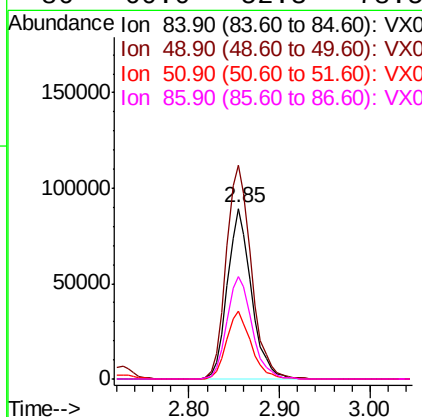
Manual Integrations
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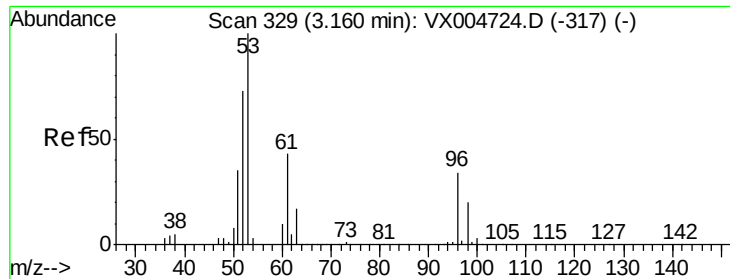
MMDadoda
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#20
Methylene Chloride
Concen: 56.059 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.2	101.2	151.8
51	39.5	29.5	44.3
86	60.0	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 54.458 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

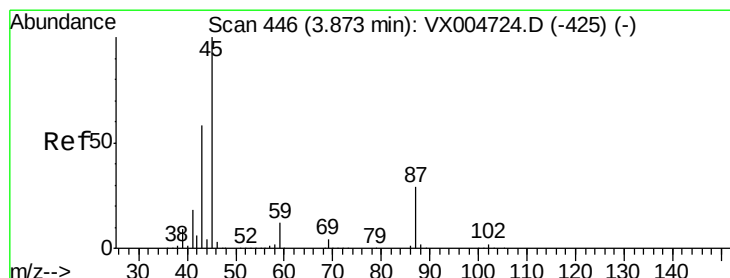
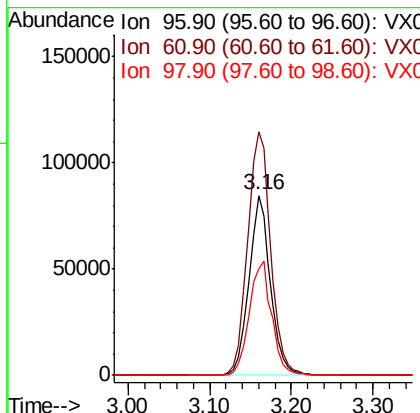
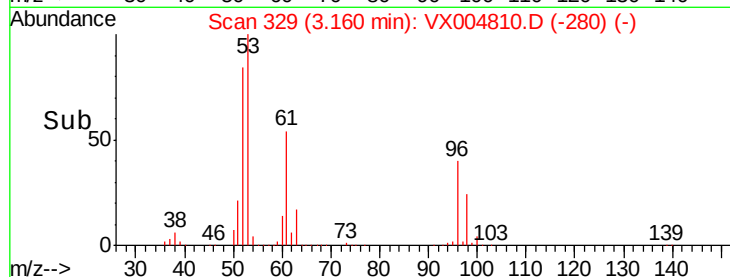
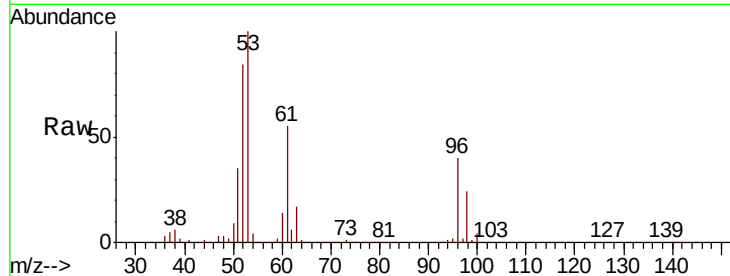
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	155516
Ion	Ratio	Lower	Upper
96	100		
61	135.1	113.8	170.6
98	59.1	51.8	77.8

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#22

Diisopropyl ether

Concen: 55.608 ug/l

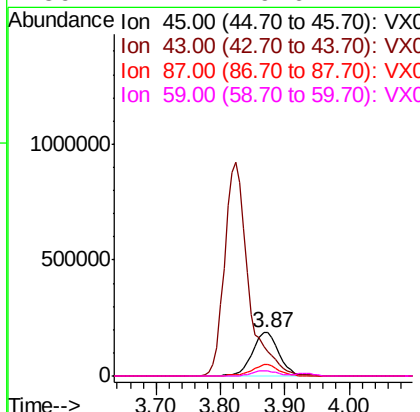
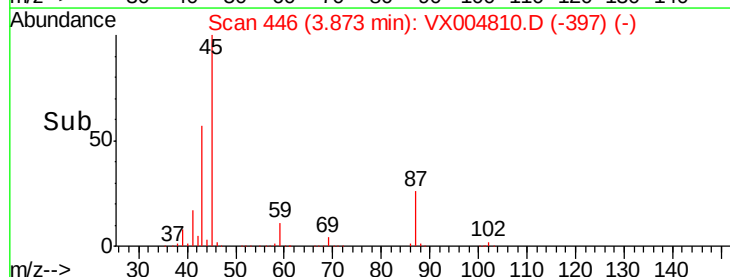
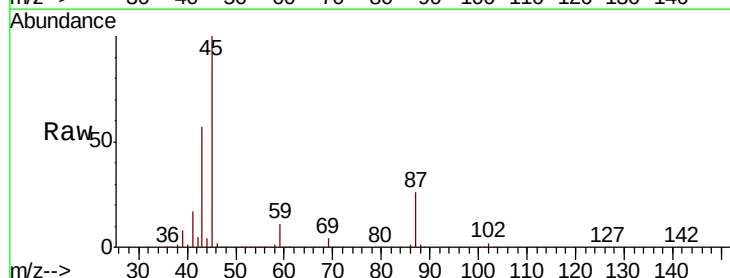
RT: 3.87 min Scan# 446

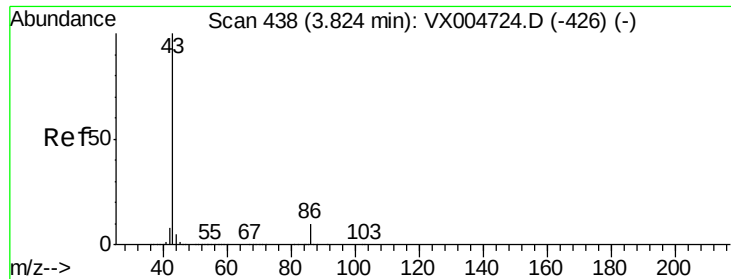
Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Tgt Ion:	45	Resp:	532990
Ion	Ratio	Lower	Upper
45	100		
43	57.2	42.8	64.2
87	26.3	22.6	34.0
59	11.4	9.6	14.4





#23

Vinyl Acetate

Concen: 274.739 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2410436

Ion Ratio Lower Upper

43 100

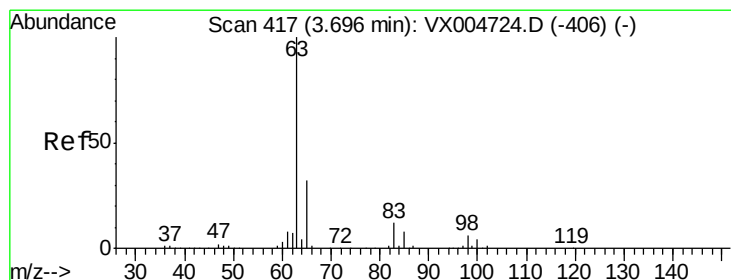
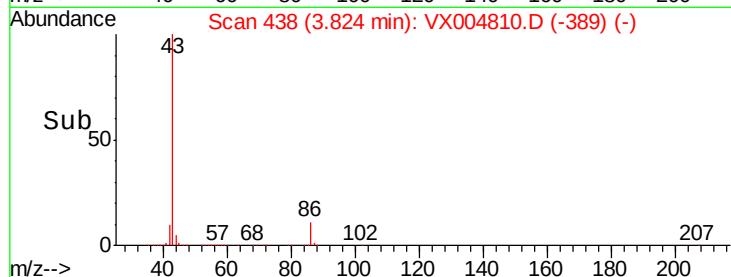
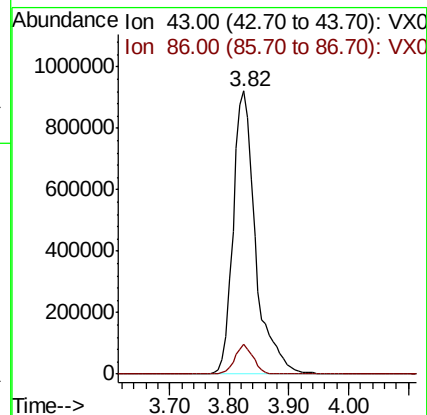
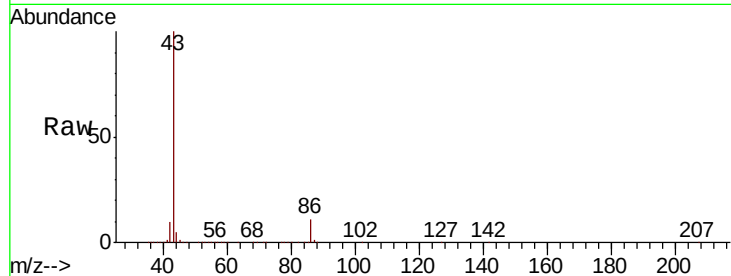
86 10.5 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 52.512 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

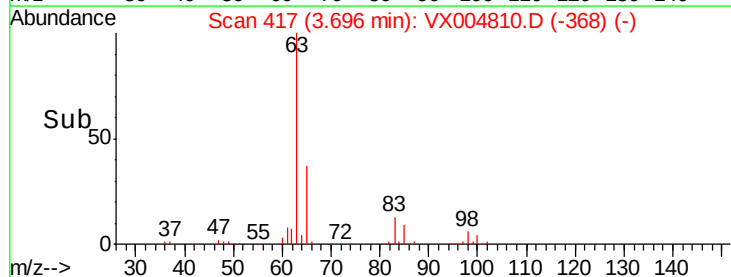
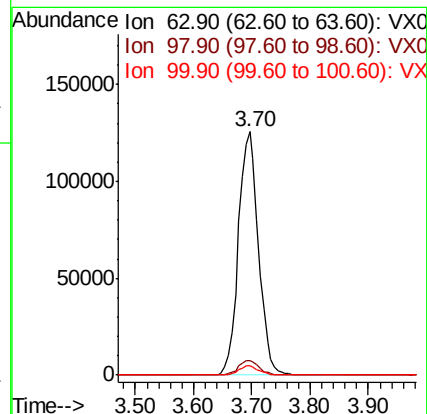
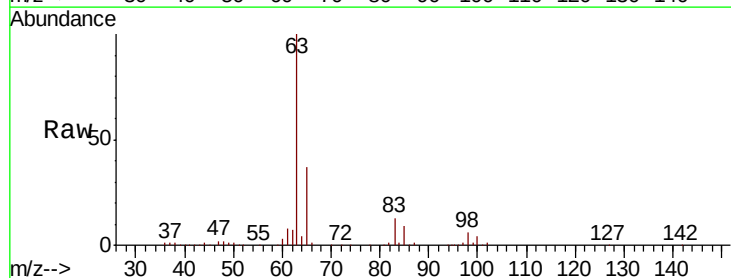
Tgt Ion: 63 Resp: 300237

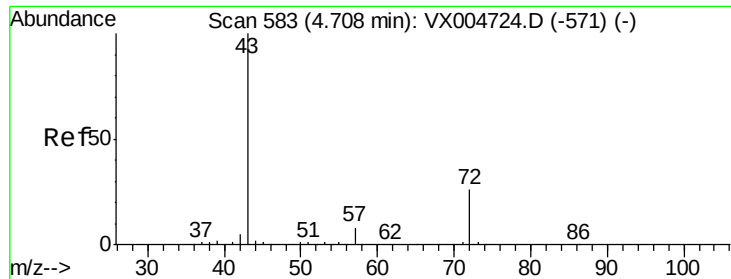
Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.4

100 3.9 2.4 7.1





#25

2-Butanone

Concen: 258.533 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 765183

Ion Ratio Lower Upper

43 100

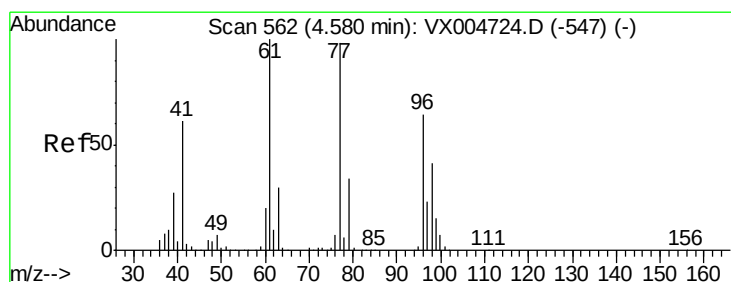
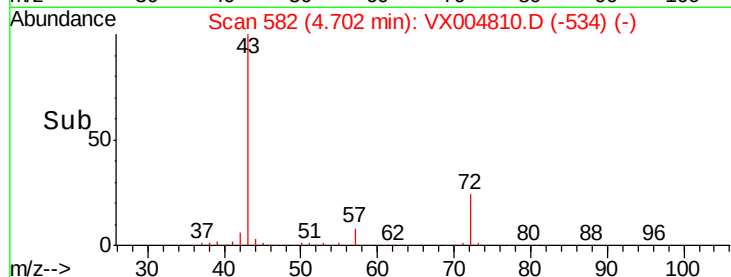
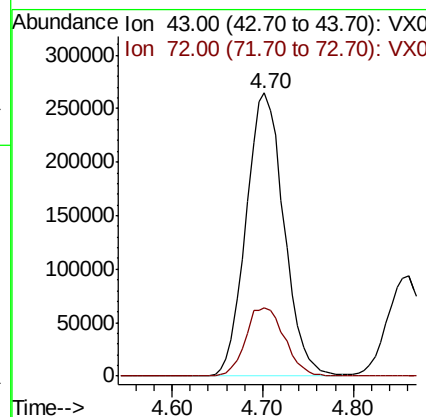
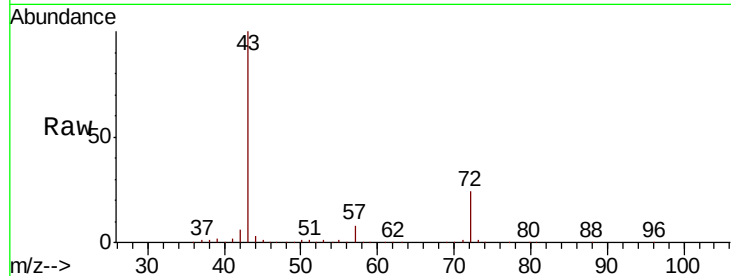
72 24.2 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 33.780 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004810.D

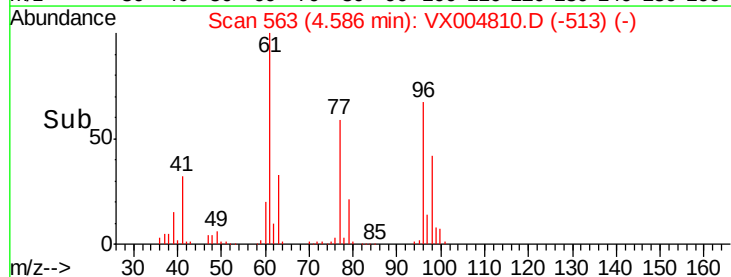
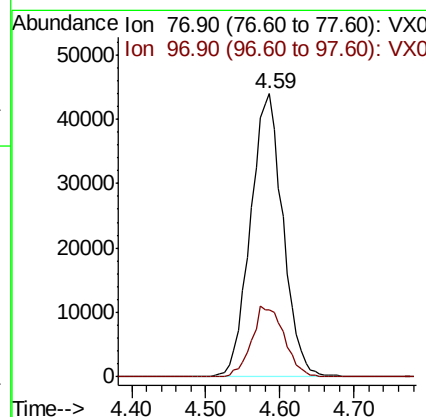
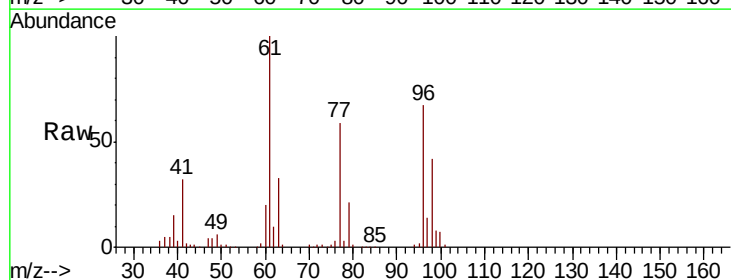
Acq: 28 Sep 2018 08:10

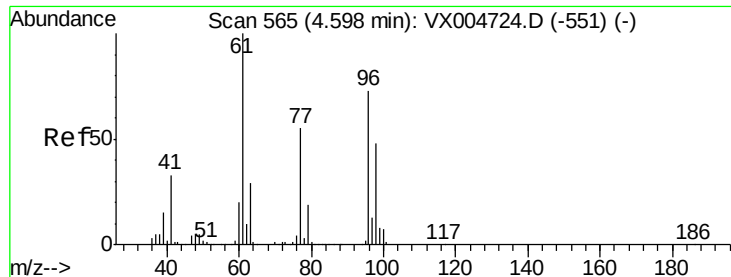
Tgt Ion: 77 Resp: 134491

Ion Ratio Lower Upper

77 100

97 25.1 11.7 35.0





#27

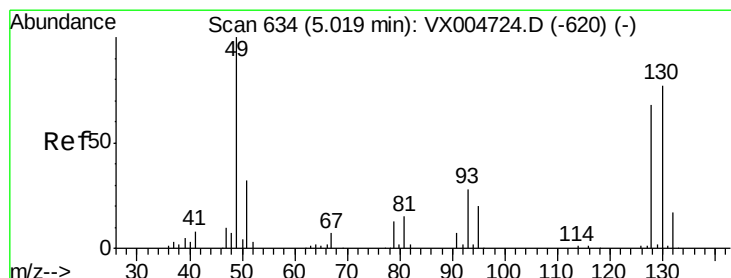
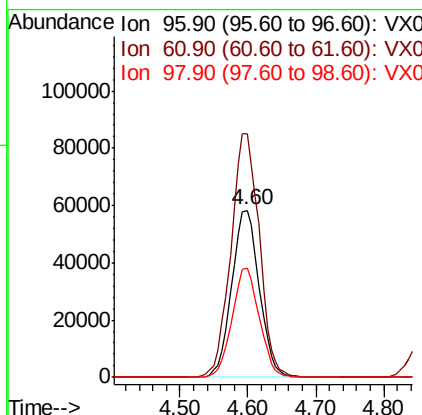
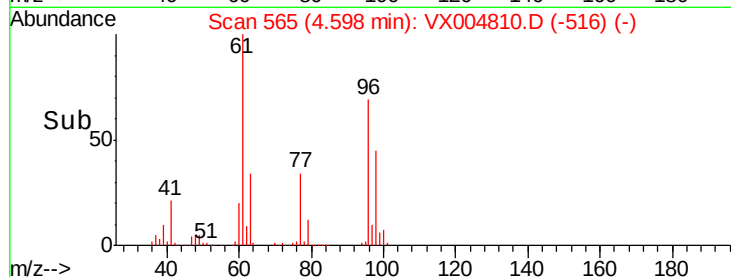
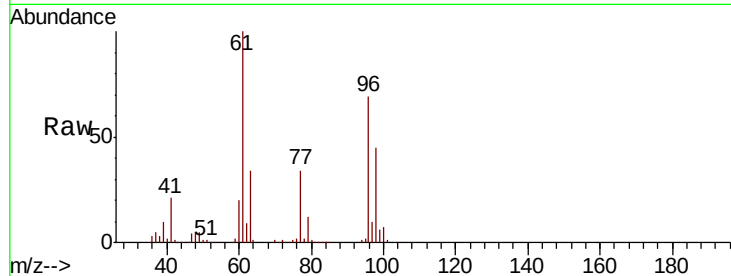
cis-1,2-Dichloroethene
Concen: 51.519 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	164356		
61	149.7	0.0	282.6	
98	64.4	0.0	130.2	

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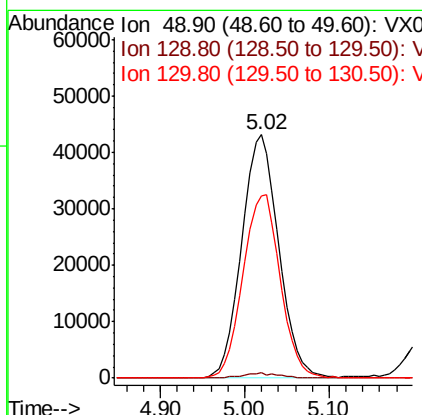
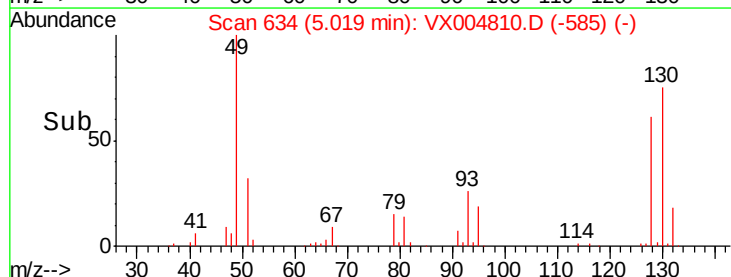
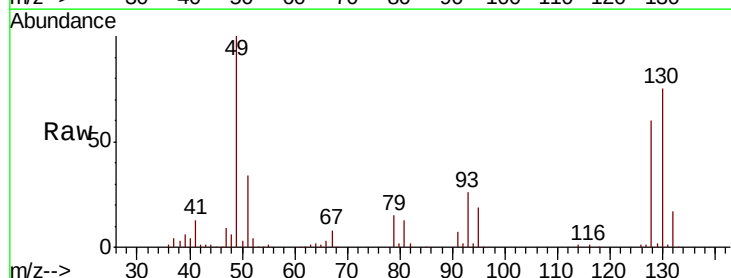
MMDadoda
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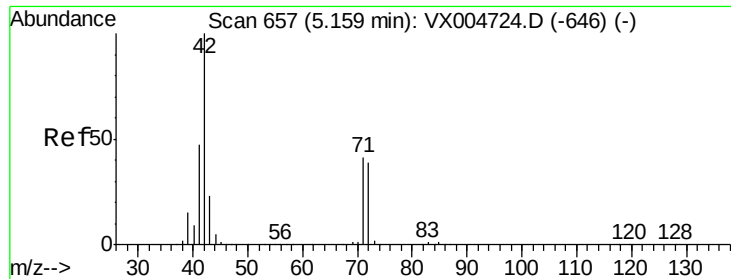


#28

Bromochloromethane
Concen: 47.843 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	128814		
129	2.0	0.0	4.2	
130	75.9	67.5	101.3	





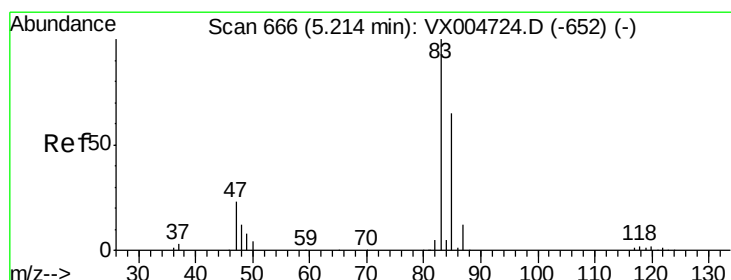
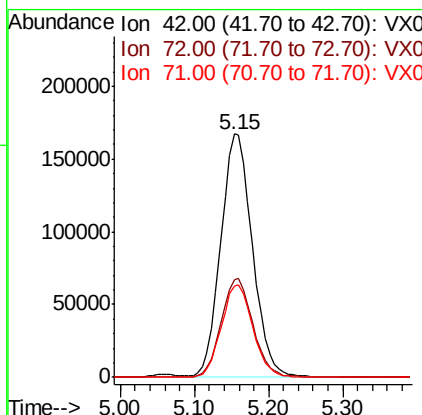
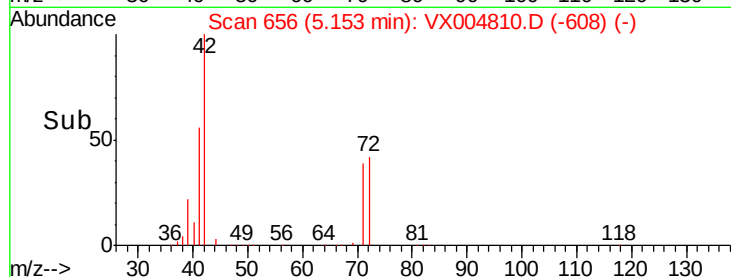
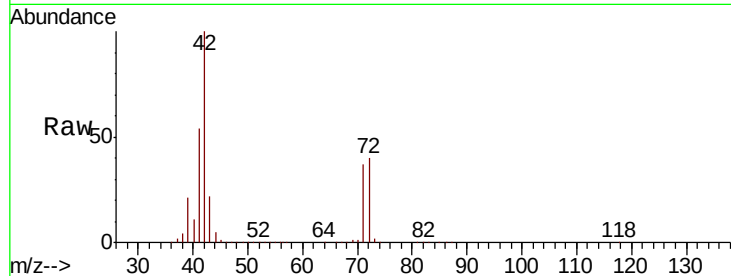
#29
Tetrahydrofuran
Concen: 268.840 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	37.4	56.0
71	38.1	34.5	51.7

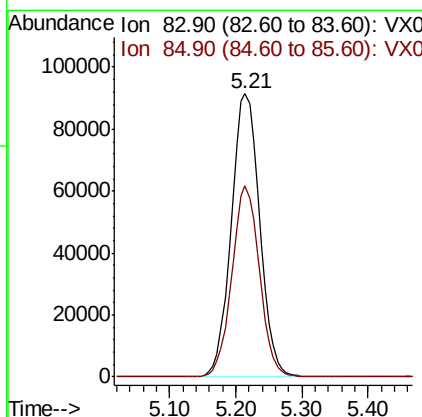
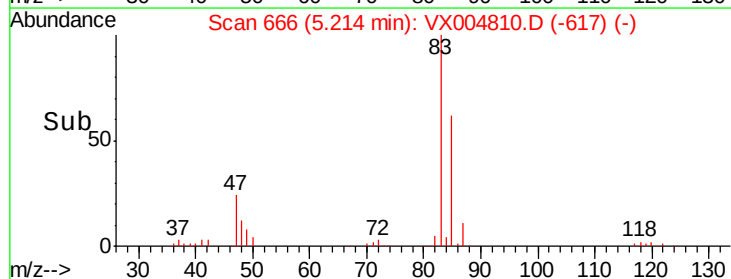
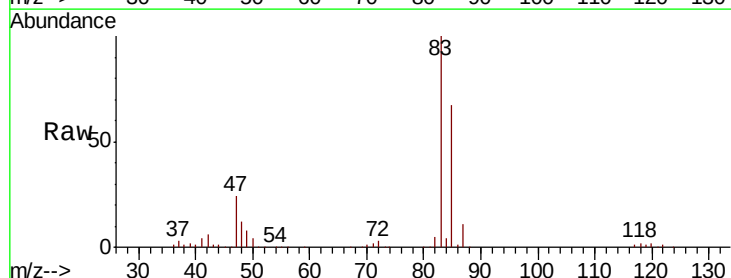
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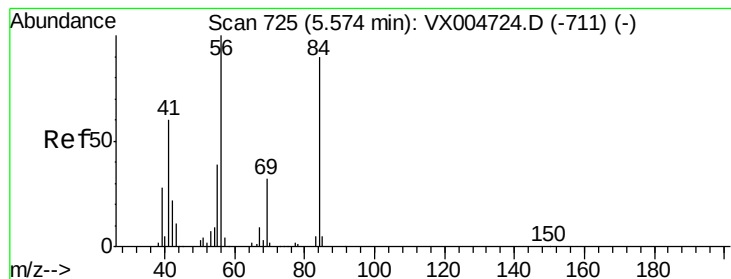
MMDadoda
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#30
Chloroform
Concen: 50.416 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	52.6	79.0





#31

Cyclohexane

Concen: 58.955 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

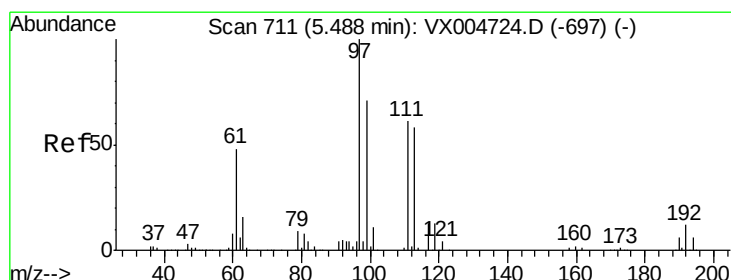
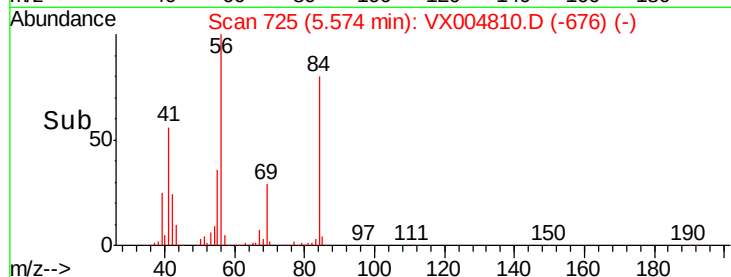
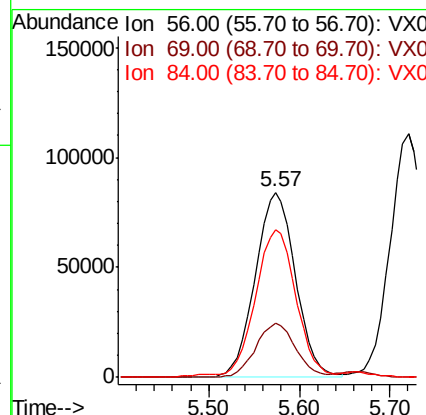
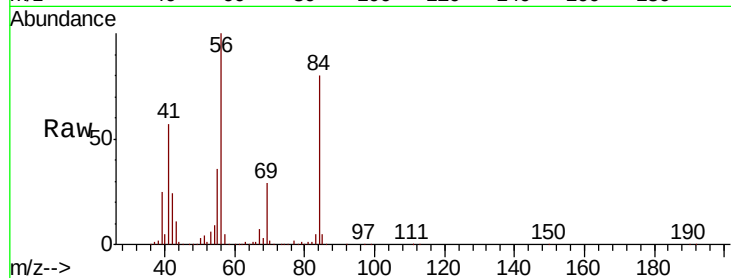
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	257986
Ion	Ratio	Lower	Upper
56	100		
69	29.0	25.4	38.2
84	79.0	71.4	107.2

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#32

1,1,1-Trichloroethane

Concen: 53.302 ug/l

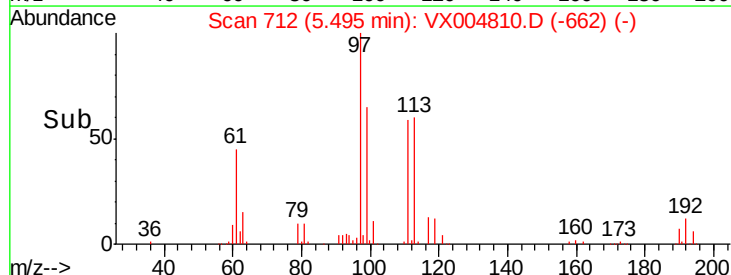
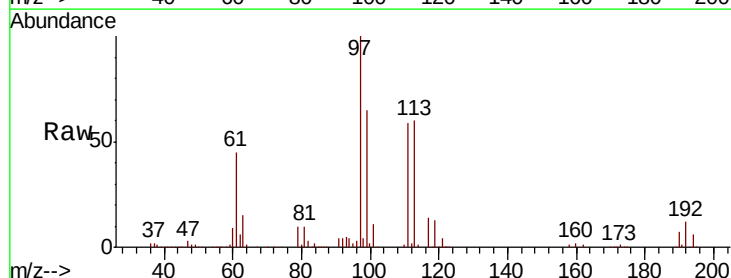
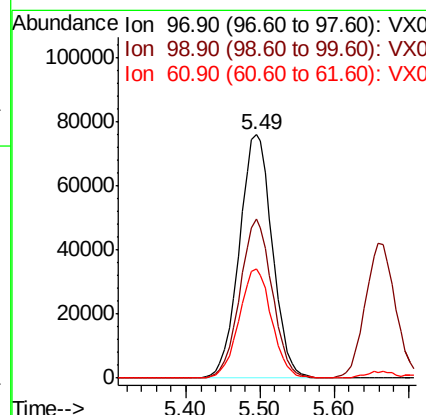
RT: 5.49 min Scan# 712

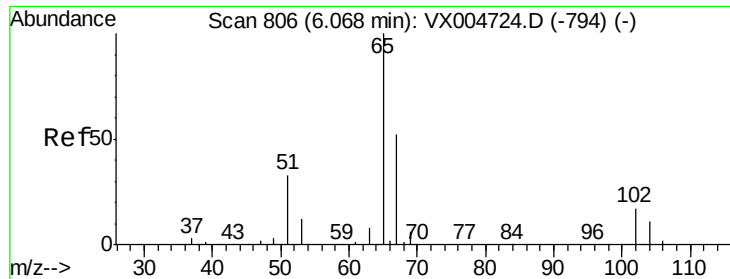
Delta R.T. 0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Tgt Ion:	97	Resp:	235219
Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	44.3	34.9	52.3





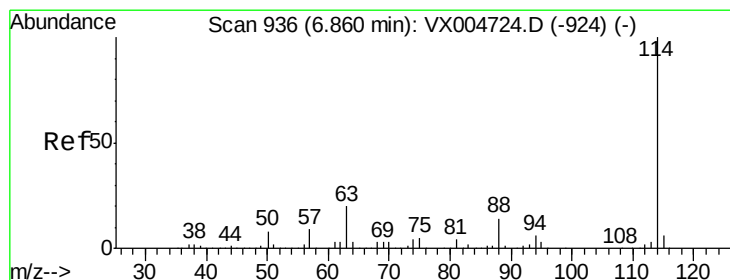
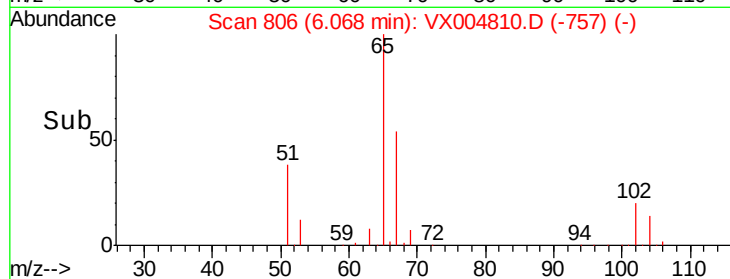
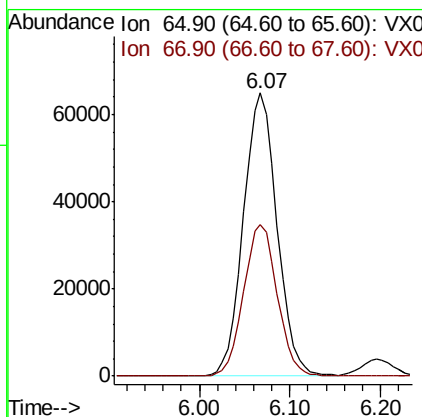
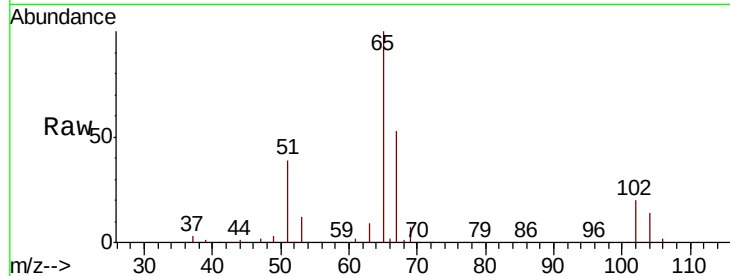
#33
 1,2-Dichloroethane-d4
 Concen: 48.562 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.8

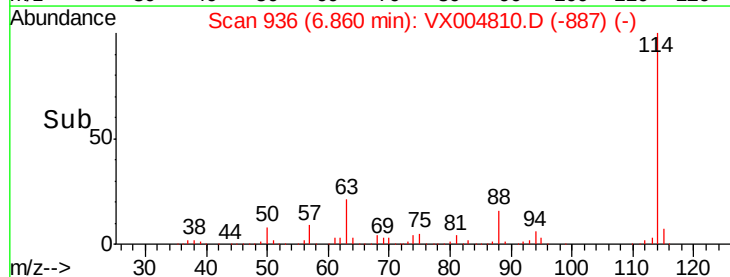
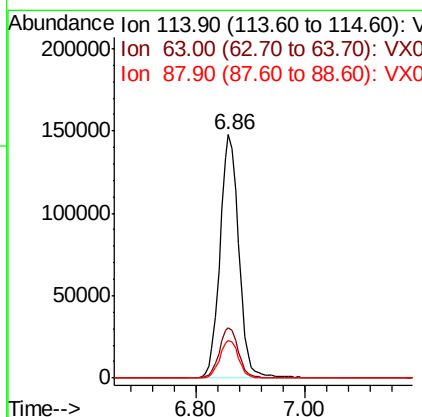
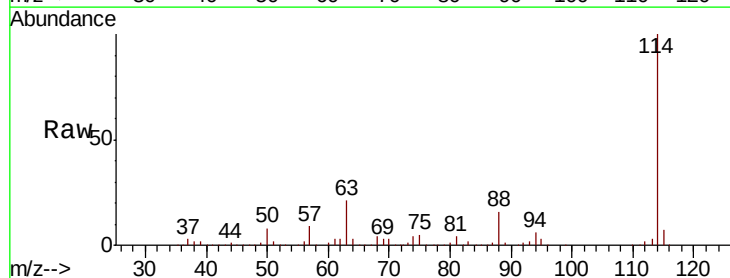
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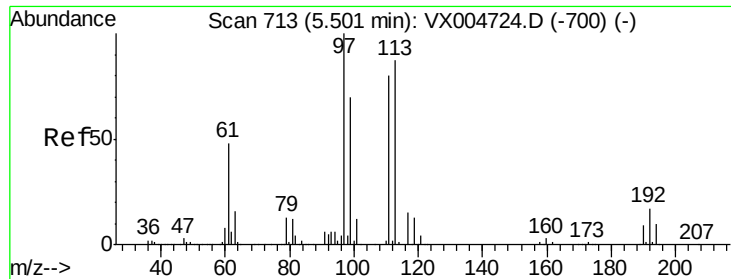
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.0
88	15.6	0.0	30.4





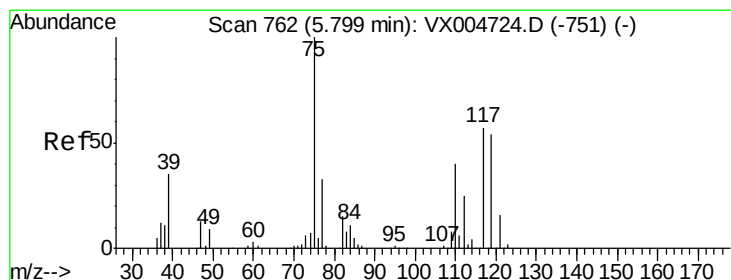
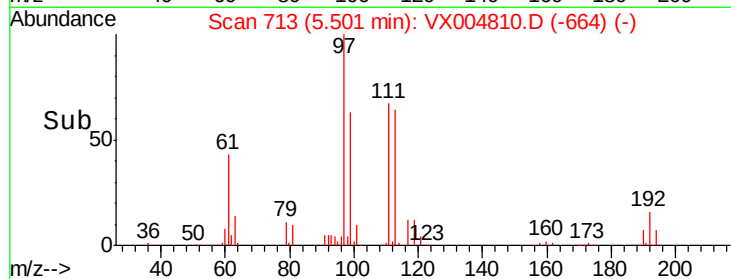
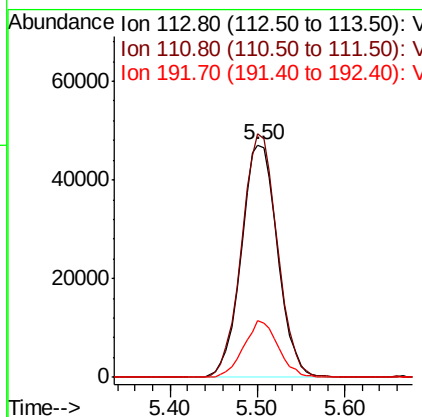
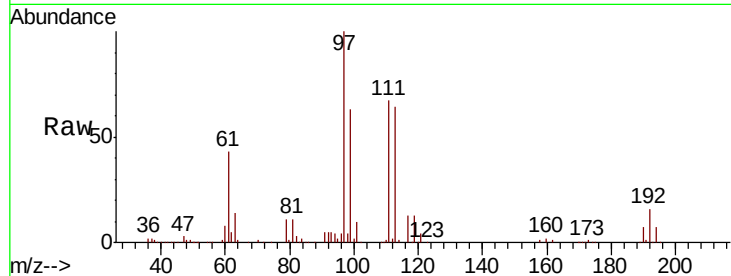
#35
 Dibromofluoromethane
 Concen: 44.933 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	23.4	19.4	29.2

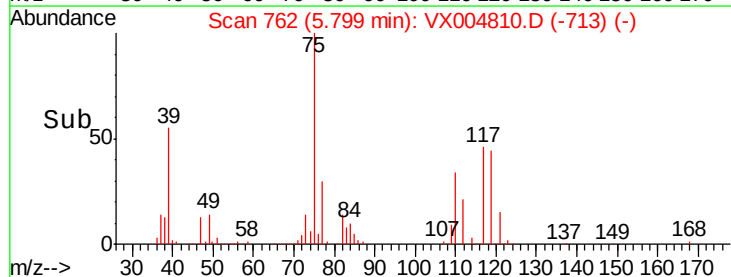
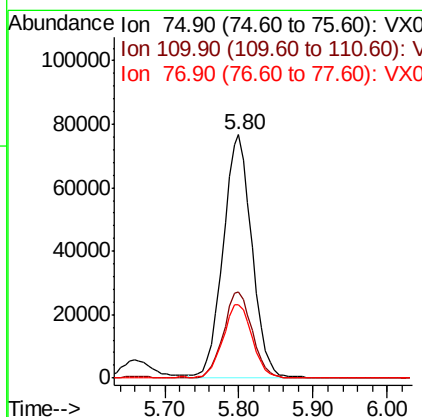
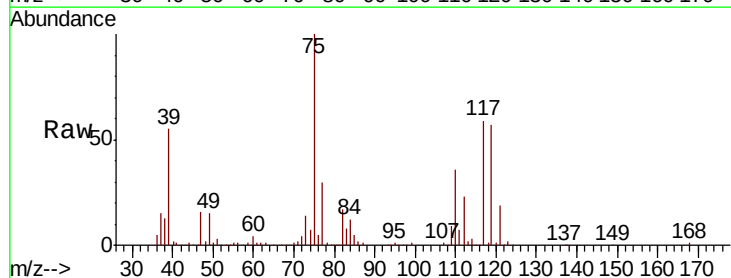
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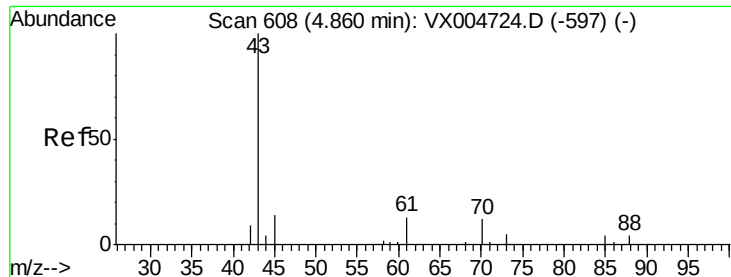
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#36
 1,1-Dichloropropene
 Concen: 49.998 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.0	54.0
77	30.8	24.6	36.8





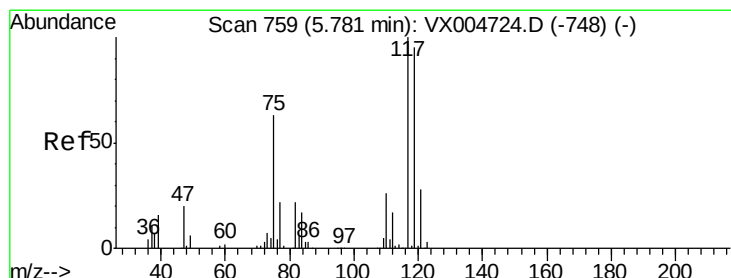
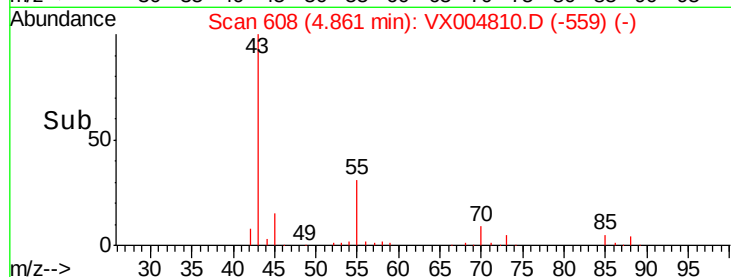
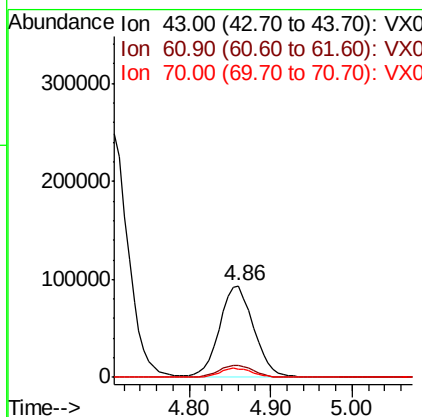
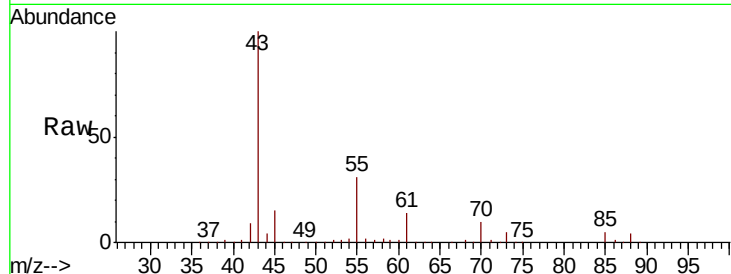
#37
Ethyl Acetate
Concen: 49.568 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	13.5	11.5	17.3	
70	9.9	9.0	13.6	

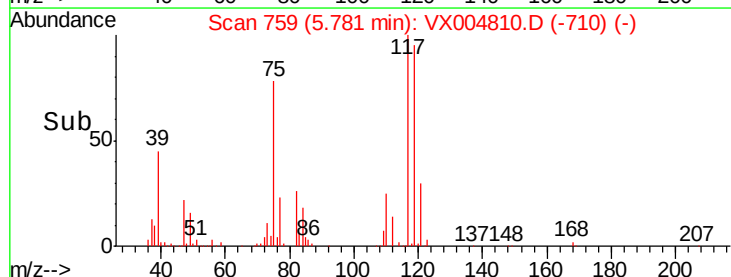
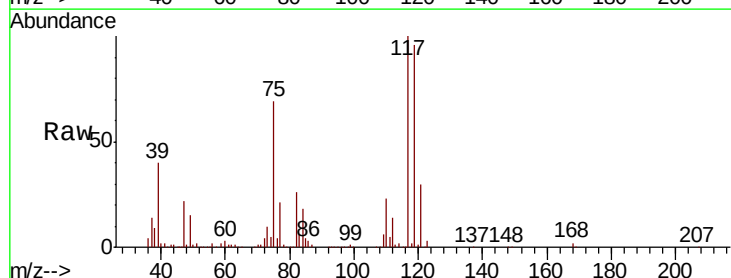
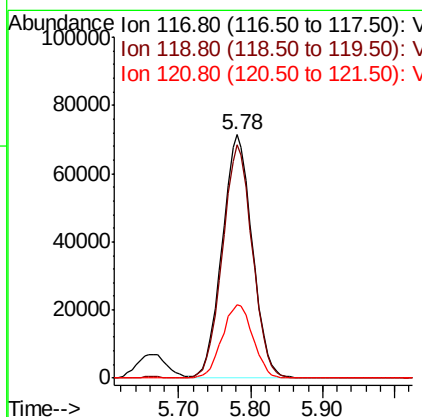
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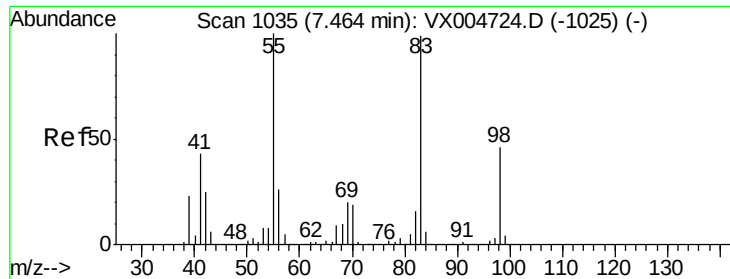
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#38
Carbon Tetrachloride
Concen: 48.019 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	95.8	78.8	118.2	
121	30.4	24.9	37.3	





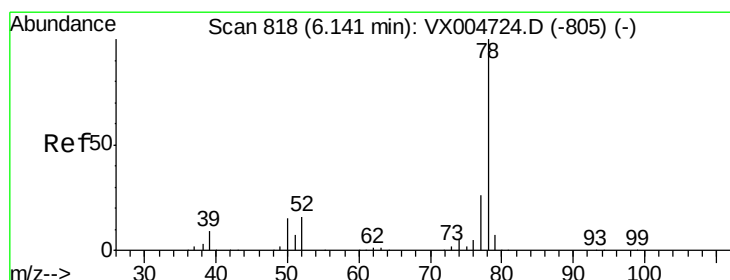
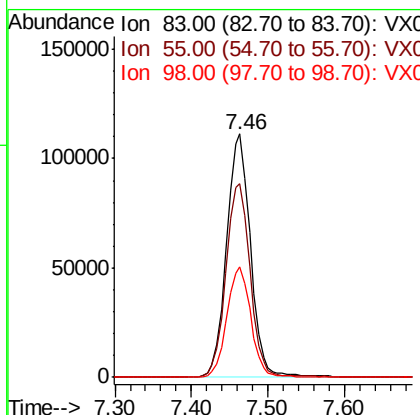
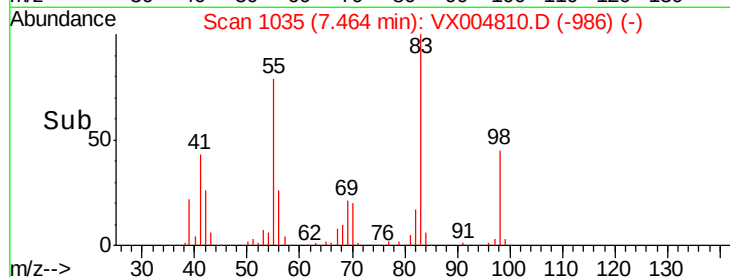
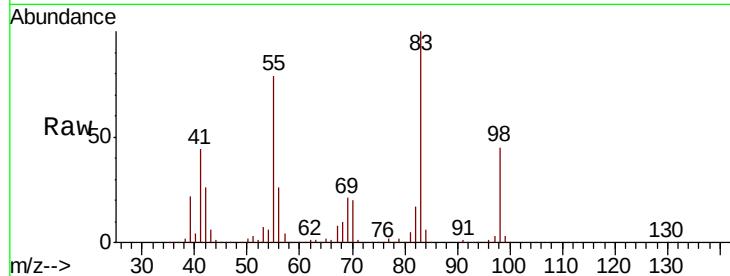
#39
Methylvlcyclohexane
Concen: 57.552 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	241516		
55	79.4		61.0	91.4
98	45.3		39.6	59.4

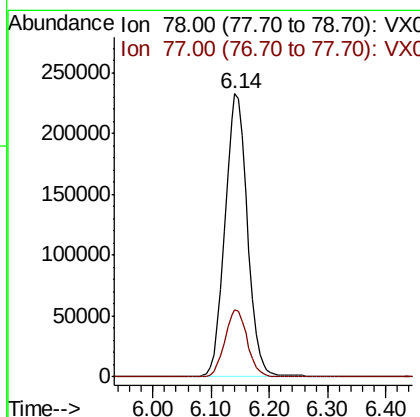
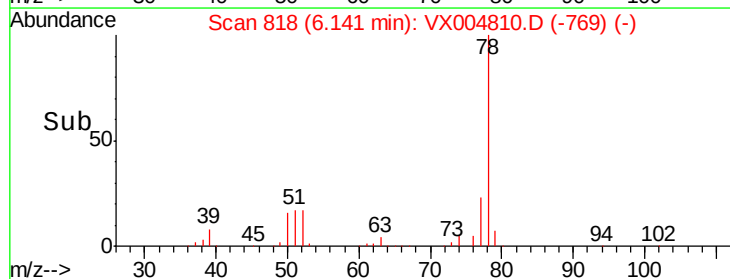
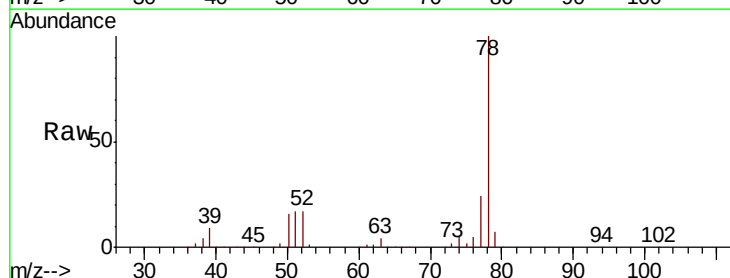
Manual Integrations
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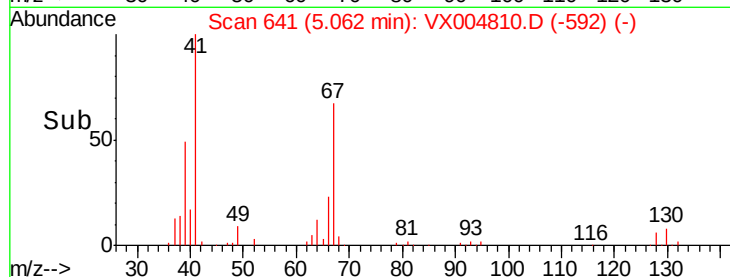
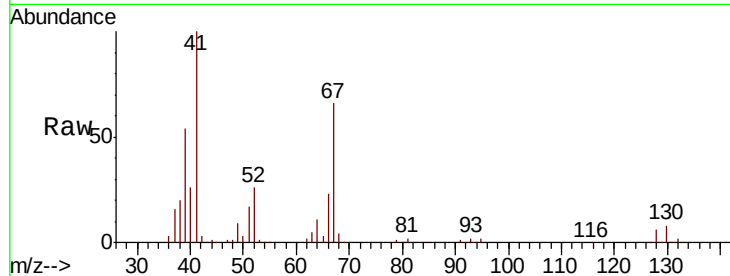
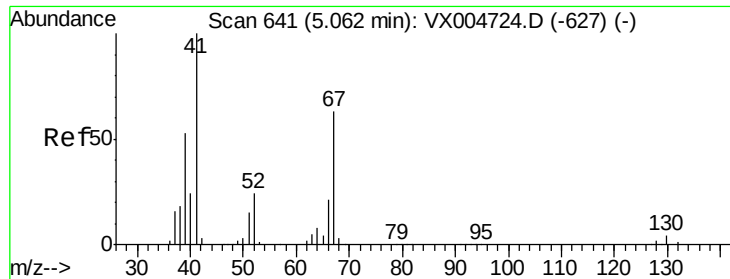
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#40
Benzene
Concen: 48.432 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	623145		
77	23.9		19.0	28.4





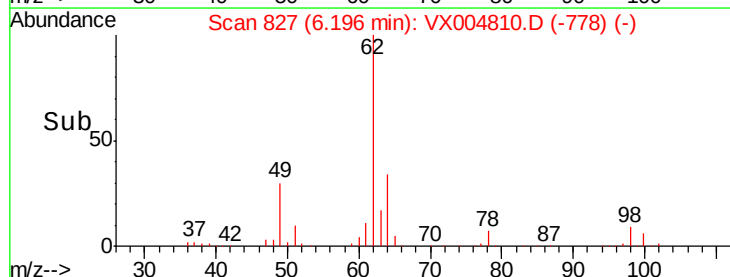
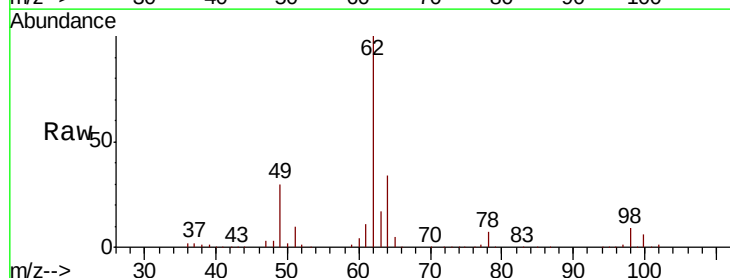
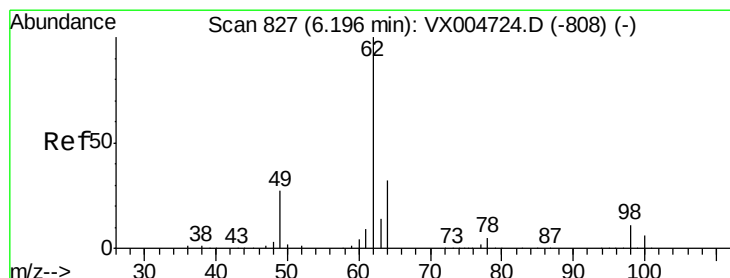
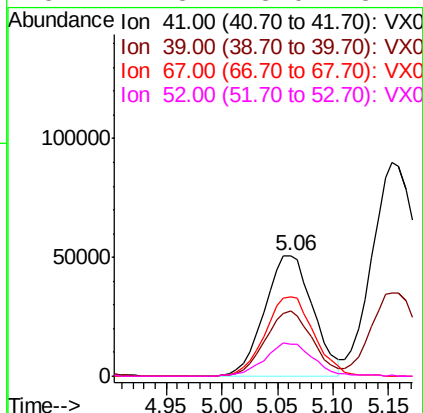
#41
Methacrylonitrile
Concen: 50.475 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		152707		
39	53.4	42.4	63.6		
67	67.0	59.2	88.8		
52	27.3	23.0	34.4		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

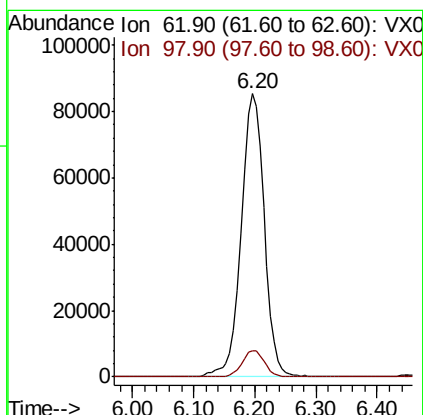
Manual Integrations
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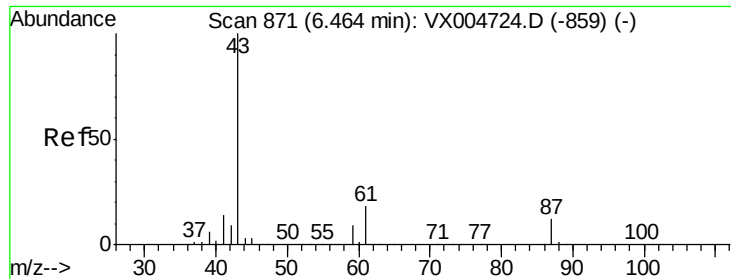
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9/28/2018 2:26:12 PM



#42
1,2-Dichloroethane
Concen: 49.158 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		223589		
98	9.0	0.0	20.6		





#43

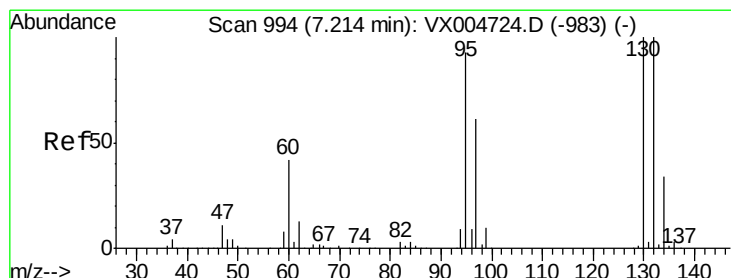
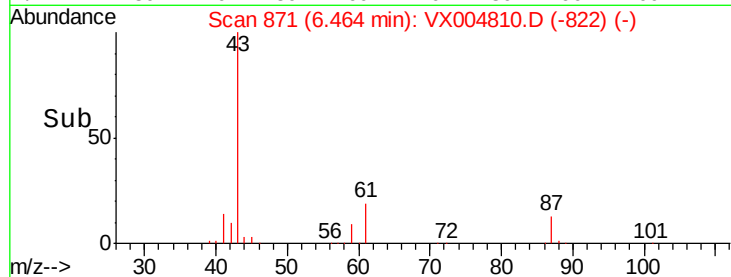
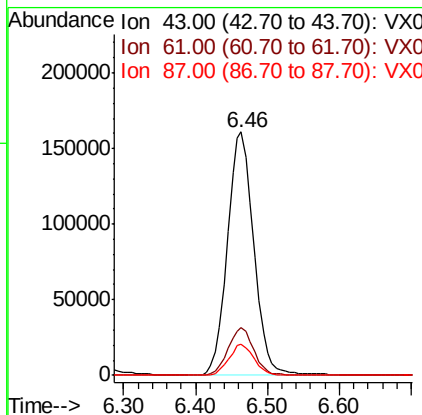
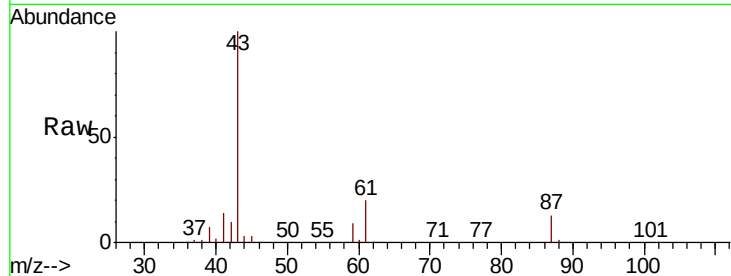
Isopropyl Acetate
 Concen: 51.800 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	61	87
Resp	407870		
Ratio	100	19.5	12.3
Lower		17.0	11.4
Upper		25.4	17.2

Manual Integrations
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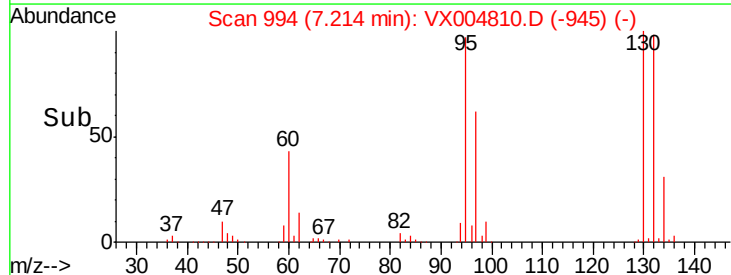
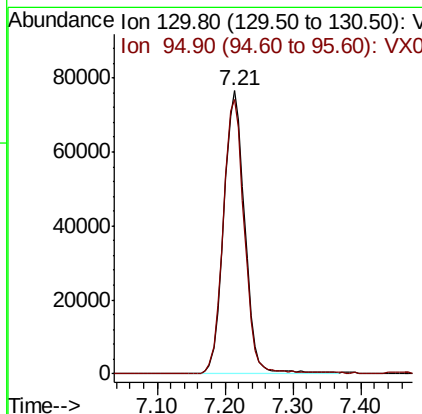
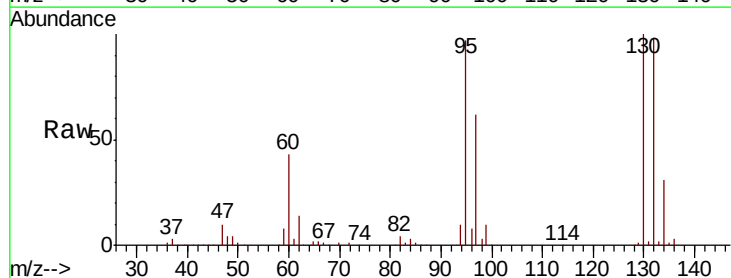
MMDadoda
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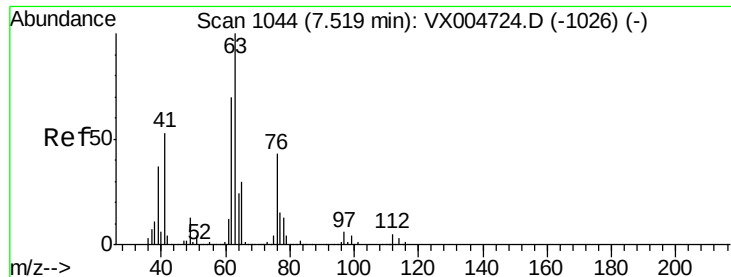


#44

Trichloroethene
 Concen: 52.093 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion	130	95
Resp	164768	
Ratio	100	96.8
Lower		0.0
Upper		181.6





#45

1,2-Dichloropropane

Concen: 53.508 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 168832

Ion Ratio Lower Upper

63 100

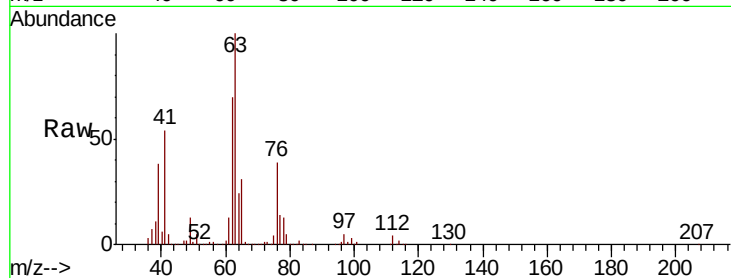
65 31.0 24.3 36.5

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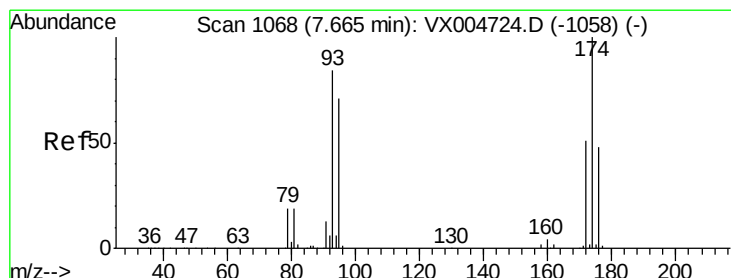
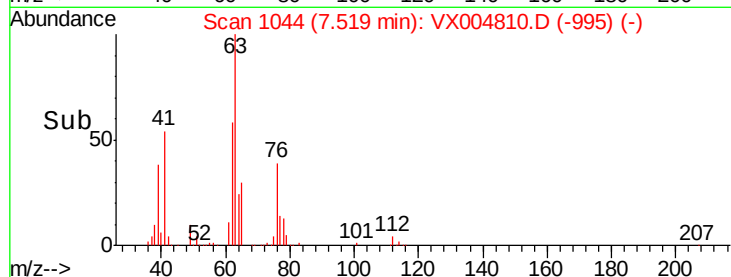
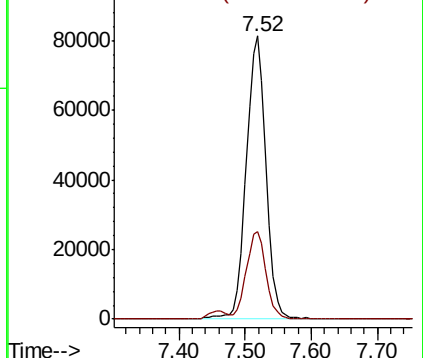
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.416 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

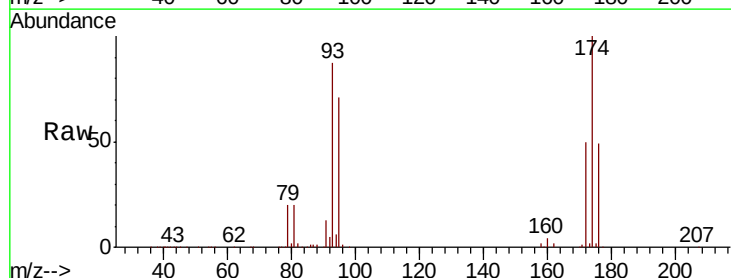
Tgt Ion: 93 Resp: 107903

Ion Ratio Lower Upper

93 100

95 82.8 65.5 98.3

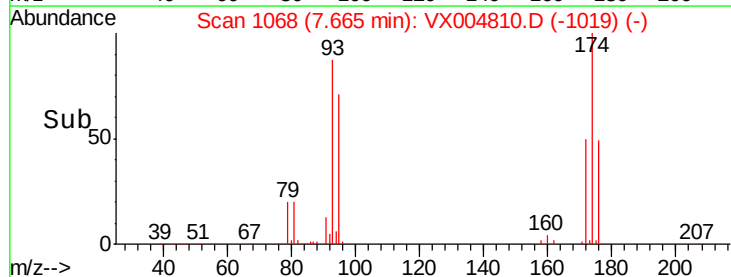
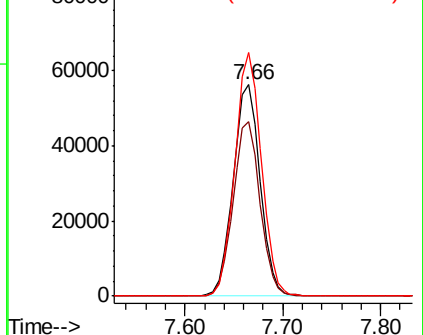
174 113.2 94.2 141.4

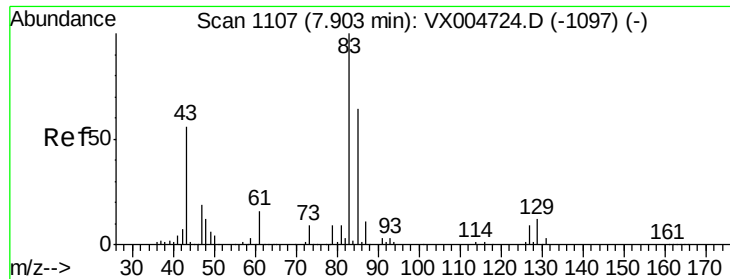


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





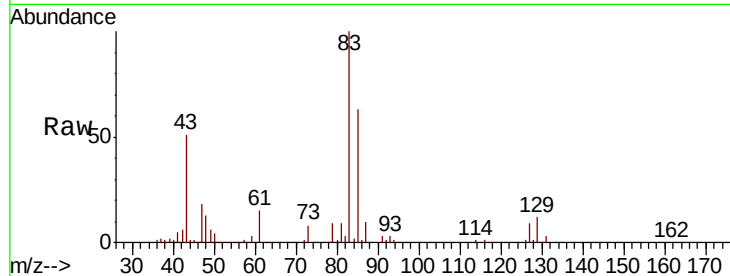
#47
Bromodichloromethane
Concen: 55.055 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

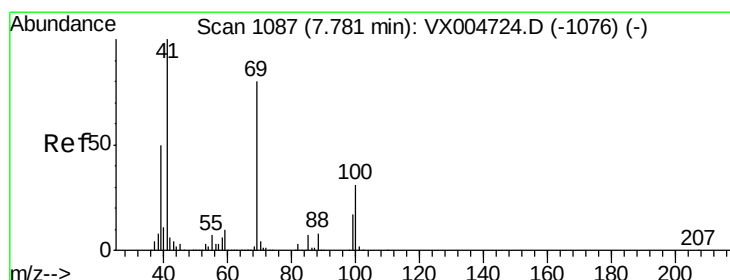
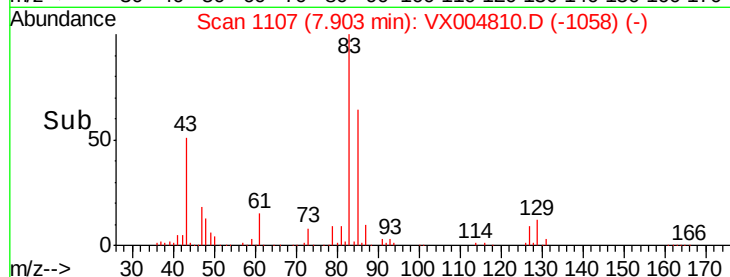
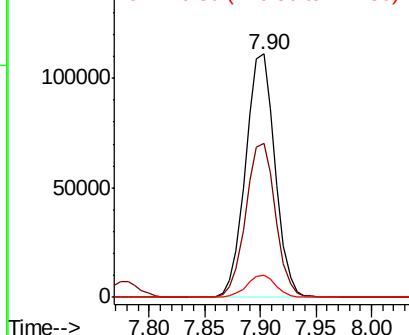
Tot Ion	Ratio	Resp	Lower	Upper
83	100	204399		
85	63.2	50.9	76.3	
127	9.0	7.3	10.9	

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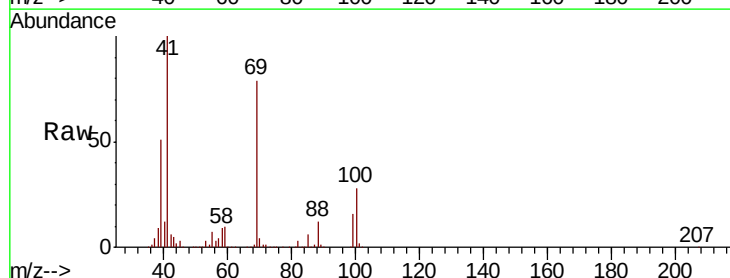


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

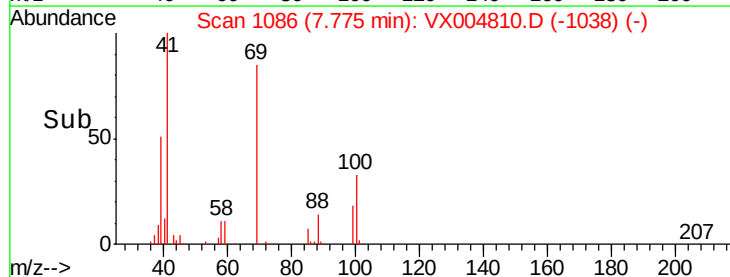
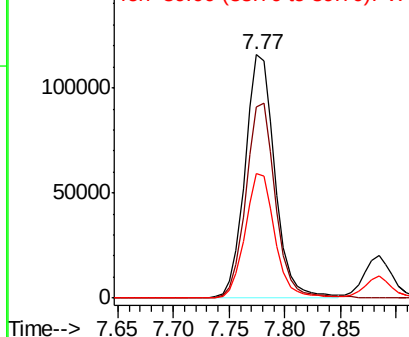


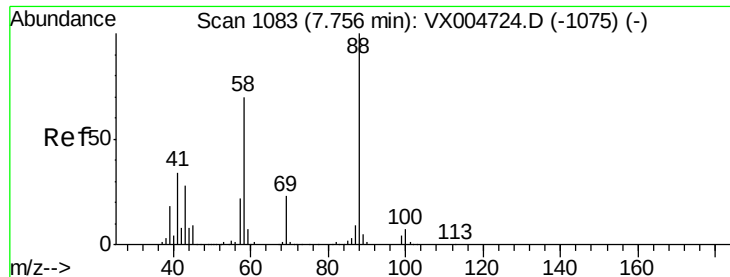
#48
Methyl methacrylate
Concen: 60.373 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	215764		
69	79.9	70.2	105.4	
39	50.9	42.7	64.1	



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





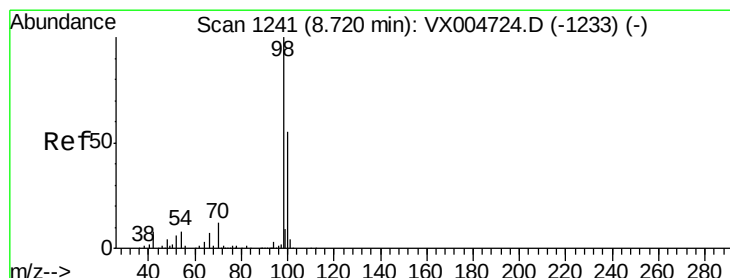
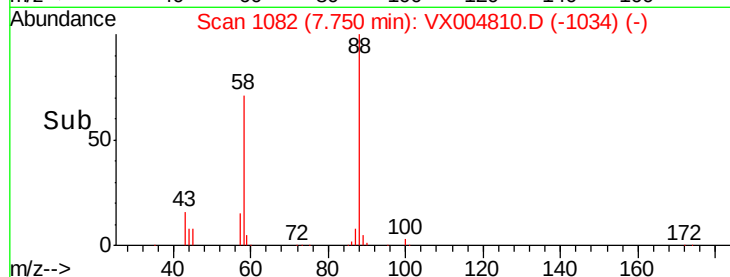
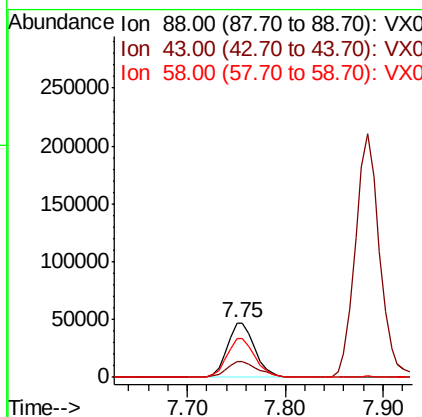
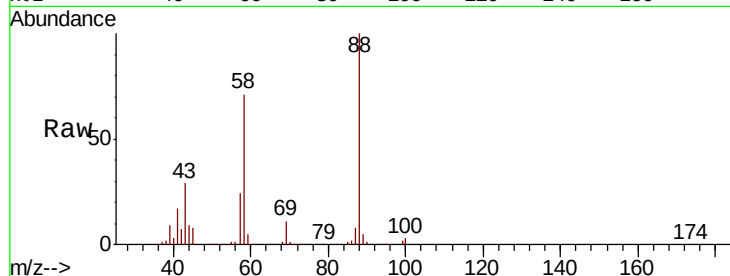
#49
 1,4-Dioxane
 Concen: 1031.195 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	24.7	37.1
58	73.3	55.3	82.9

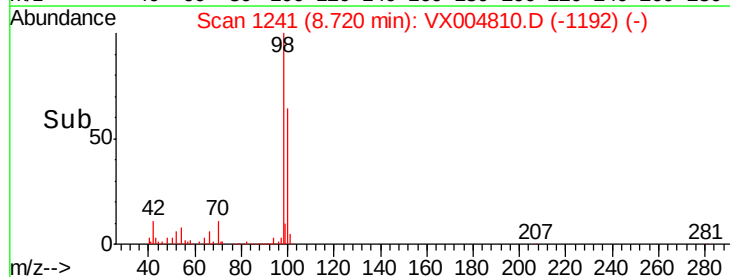
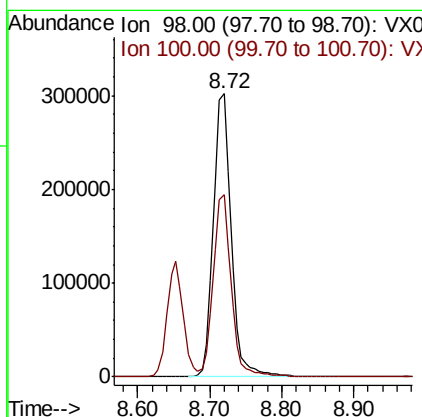
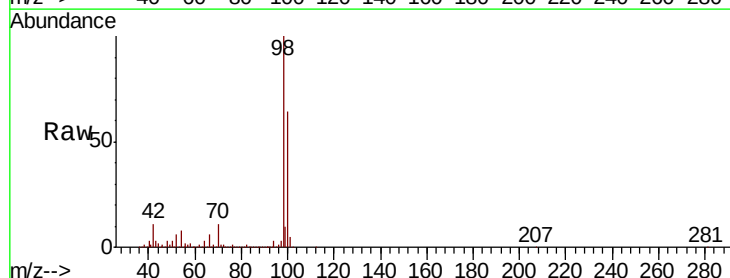
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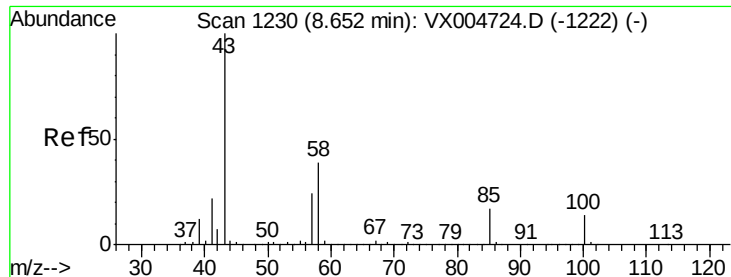
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#50
 Toluene-d8
 Concen: 51.792 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3





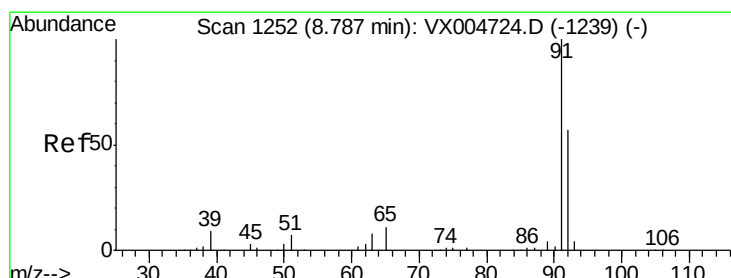
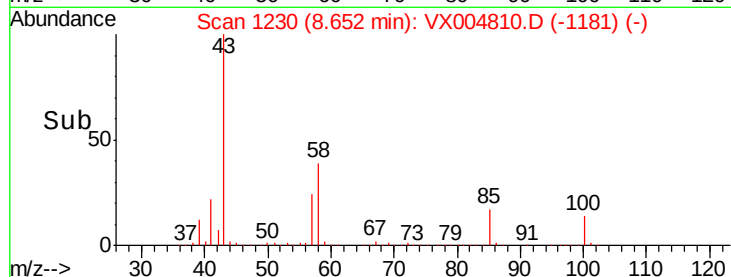
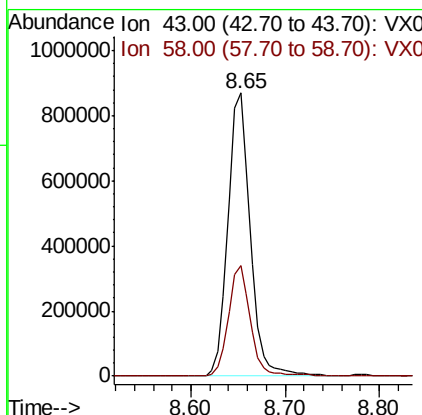
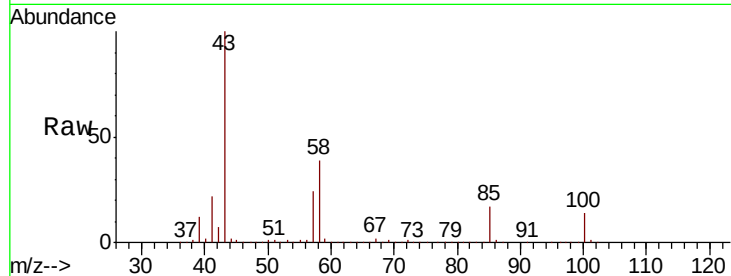
#51
4-Methyl-2-Pentanone
Concen: 290.069 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1438095
Ion Ratio Lower Upper
43 100
58 38.5 33.1 49.7

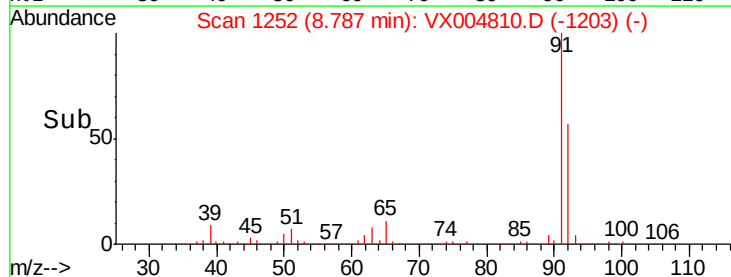
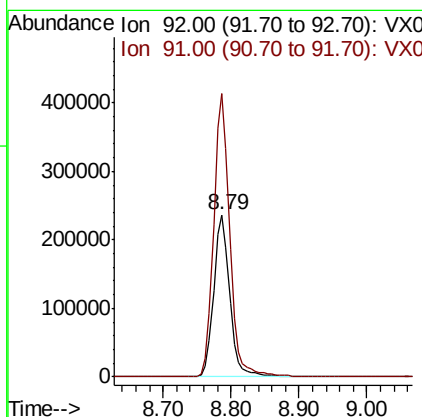
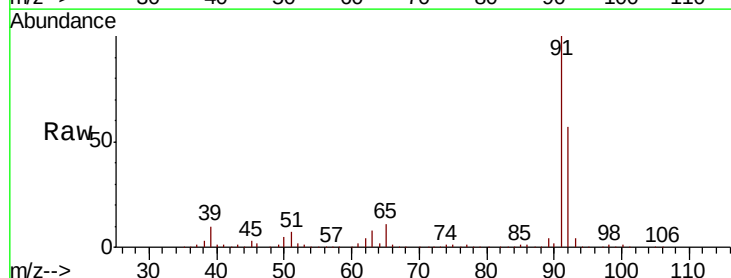
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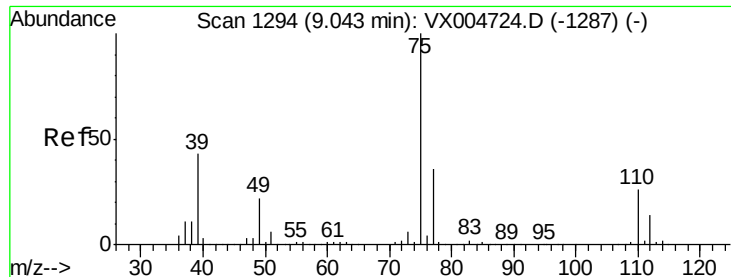
MMDadoda
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#52
Toluene
Concen: 54.836 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion: 92 Resp: 387683
Ion Ratio Lower Upper
92 100
91 175.3 136.4 204.6





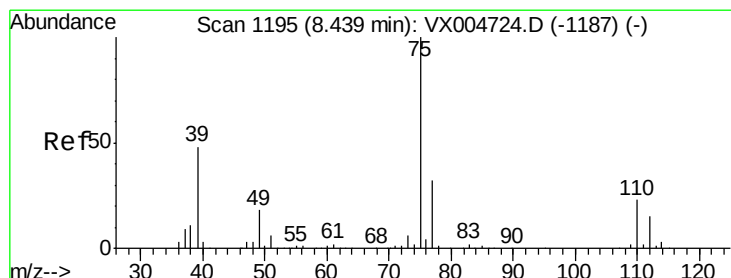
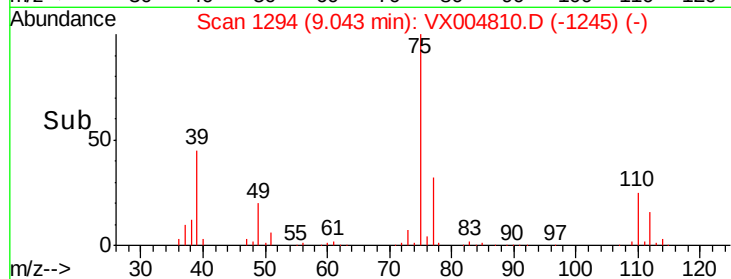
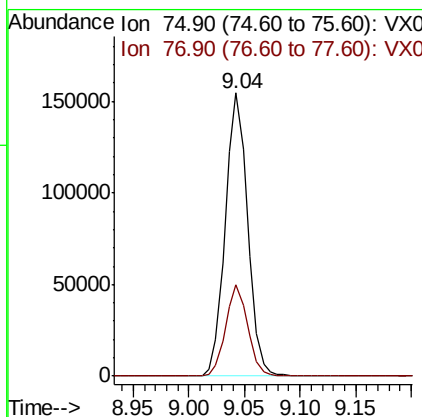
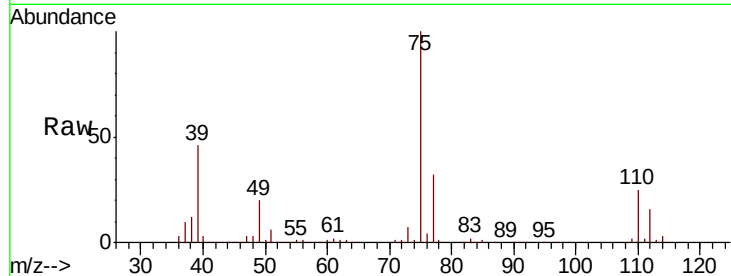
#53
 t-1,3-Dichloropropene
 Concen: 51.404 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 75 Resp: 215660
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 37.0

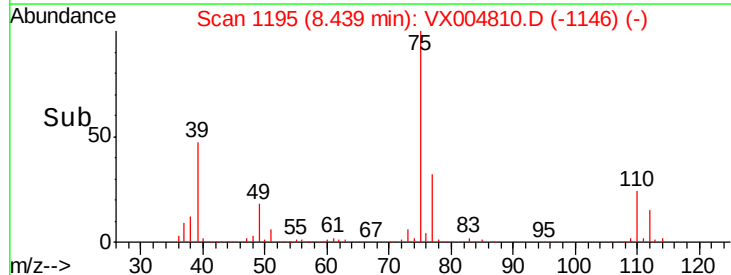
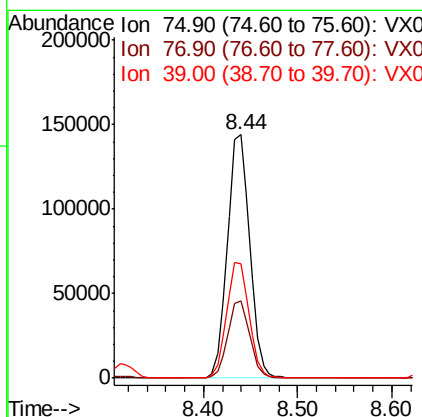
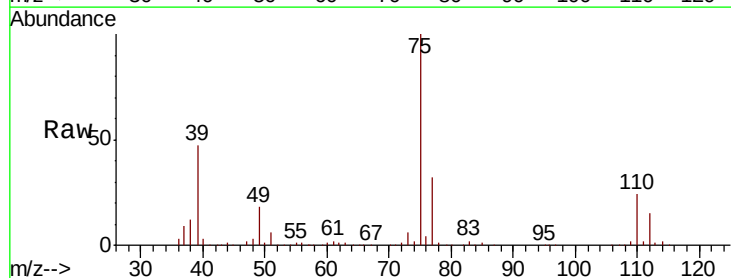
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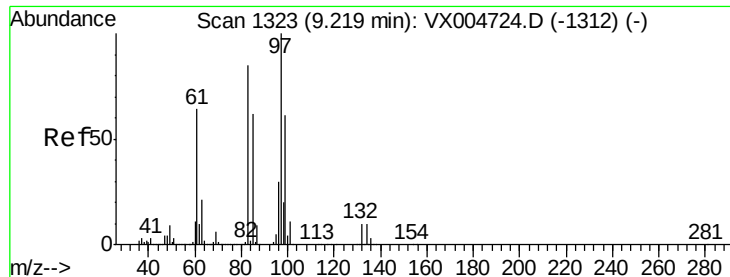
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 54.126 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion: 75 Resp: 237847
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.2 39.2
 39 46.7 36.4 54.6





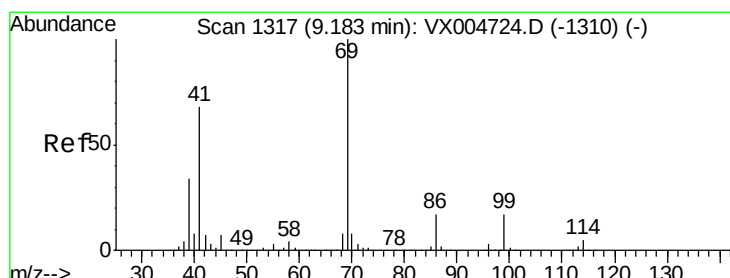
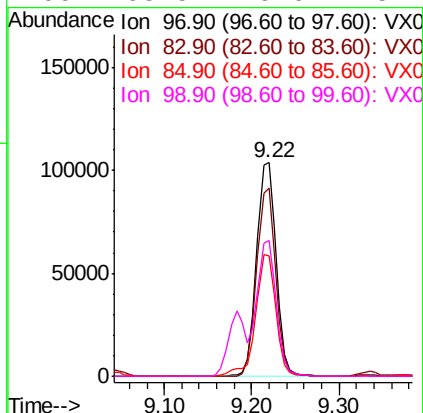
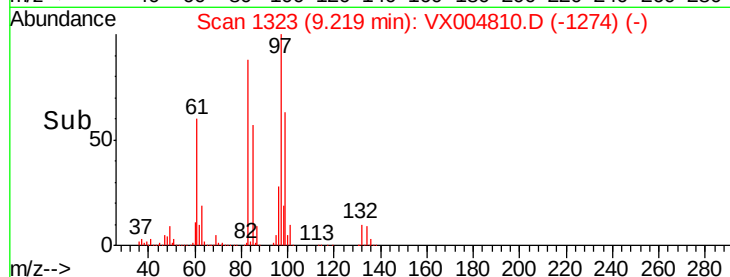
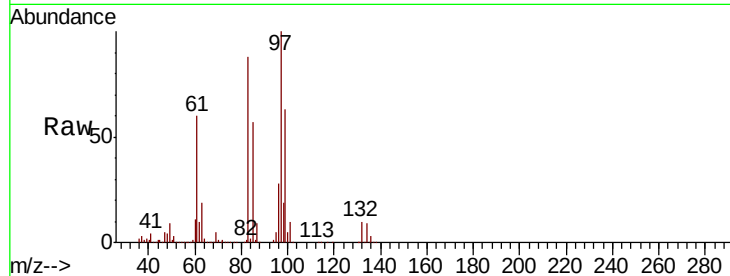
#55
 1,1,2-Trichloroethane
 Concen: 51.919 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		160785		
83	88.0	66.4	99.6		
85	56.6	43.3	64.9		
99	63.5	49.0	73.4		

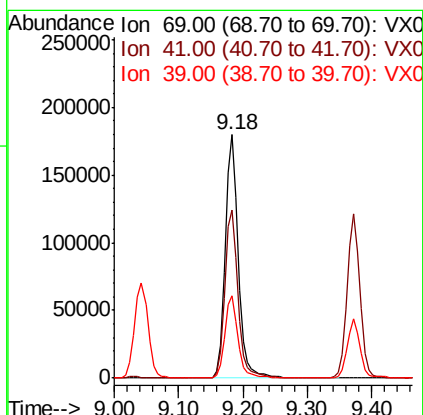
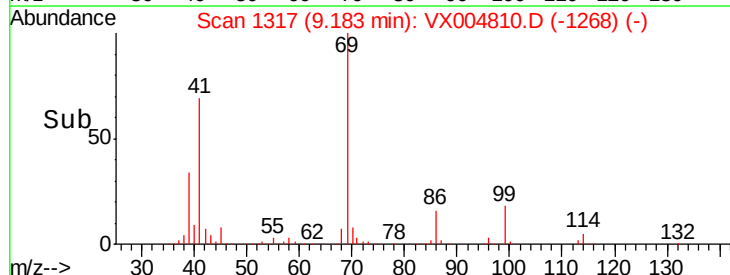
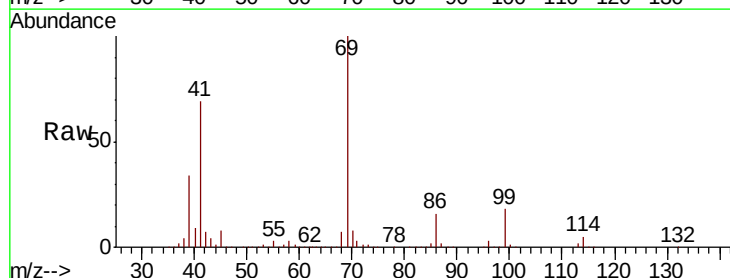
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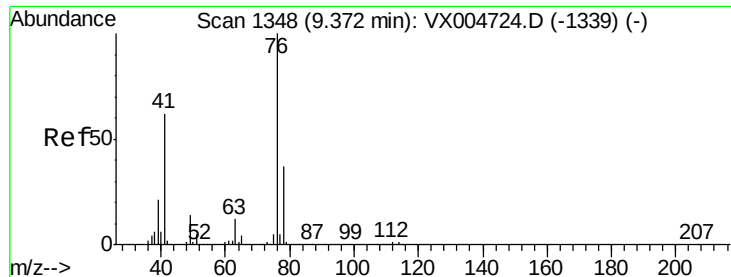
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#56
 Ethyl methacrylate
 Concen: 51.153 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		257414		
41	69.8	51.0	76.4		
39	34.1	26.1	39.1		





#57

1,3-Dichloropropane

Concen: 52.471 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 270445

Ion Ratio Lower Upper

76 100

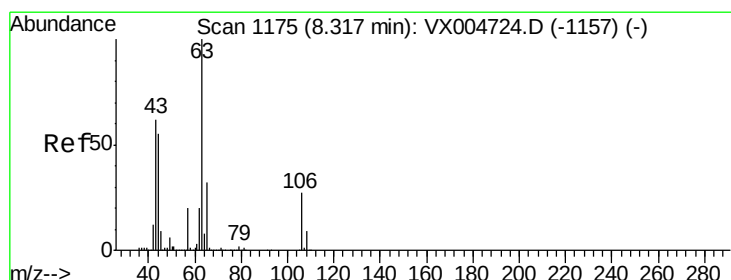
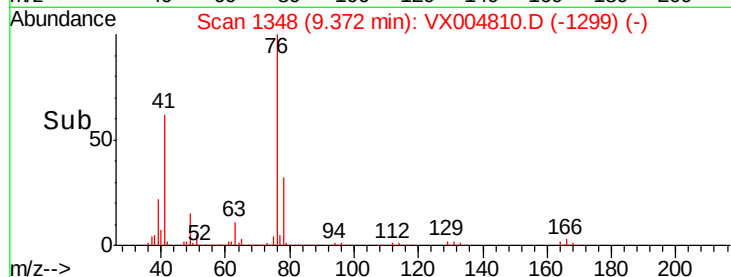
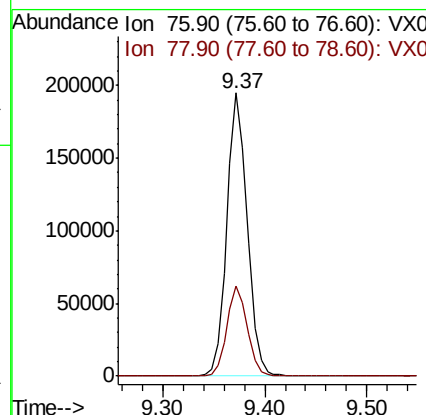
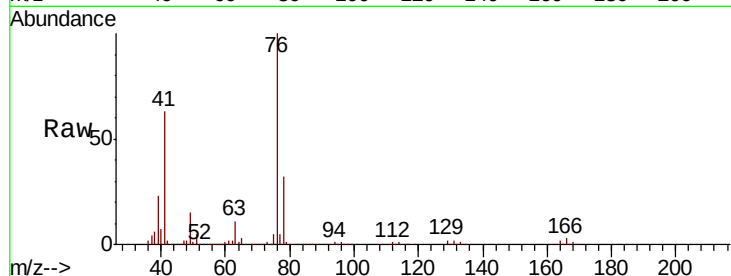
78 32.2 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 262.009 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004810.D

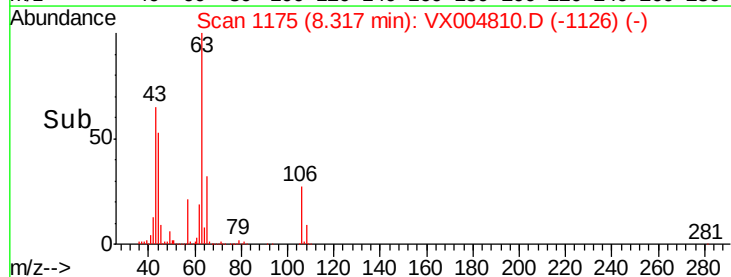
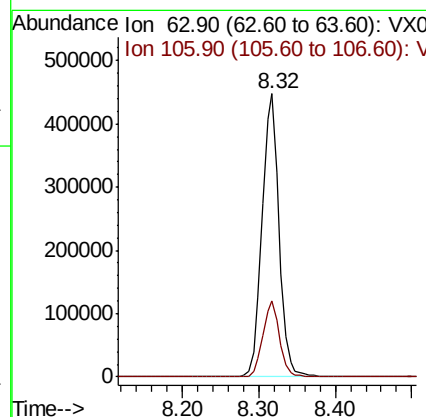
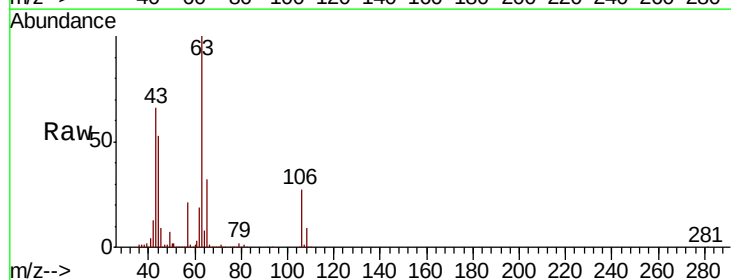
Acq: 28 Sep 2018 08:10

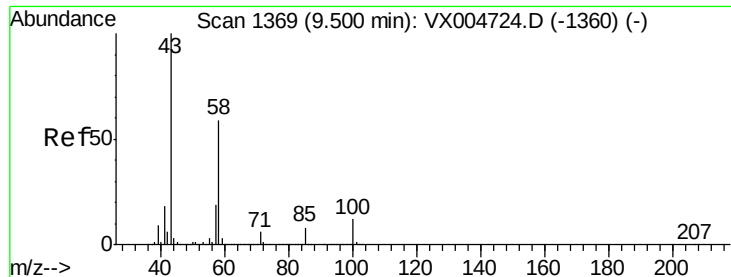
Tgt Ion: 63 Resp: 701071

Ion Ratio Lower Upper

63 100

106 26.2 23.9 35.9





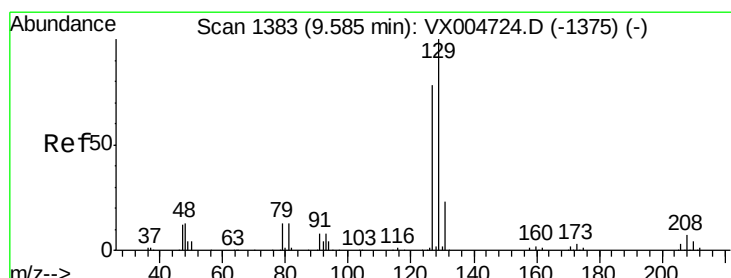
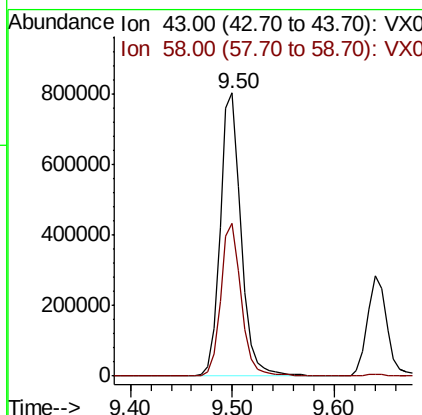
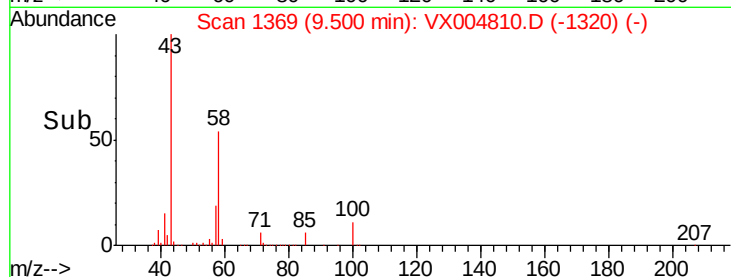
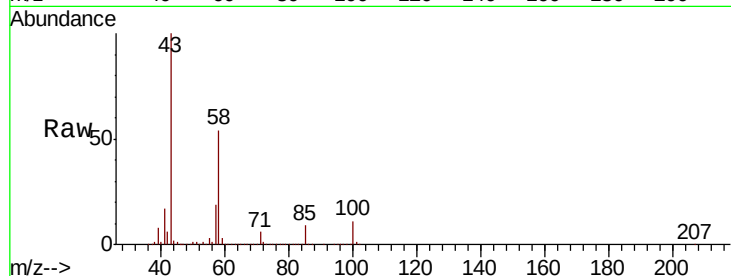
#59
2-Hexanone
Concen: 277.071 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1144692
Ion Ratio Lower Upper
43 100
58 53.2 29.0 87.0

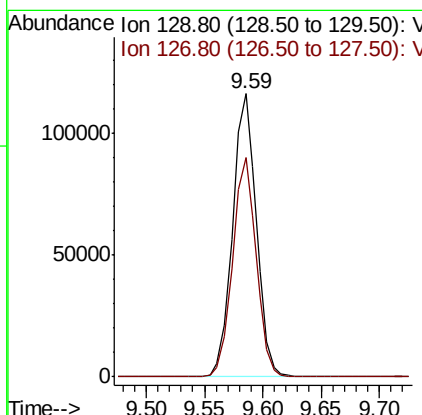
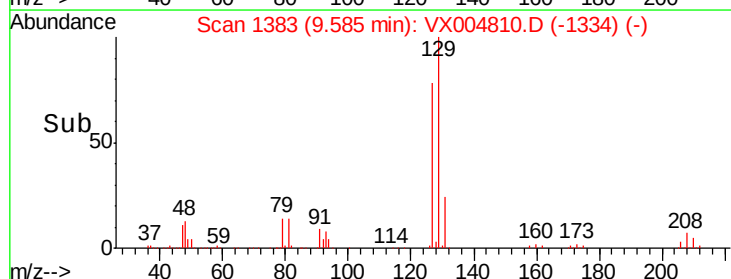
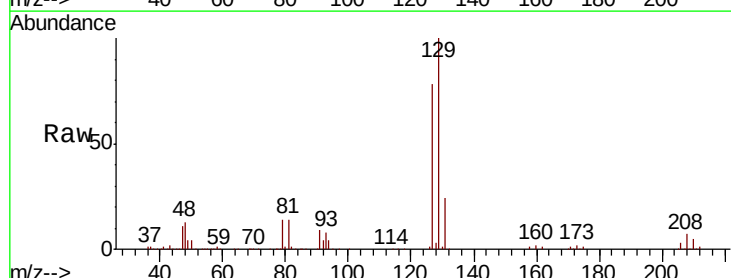
Manual Integrations
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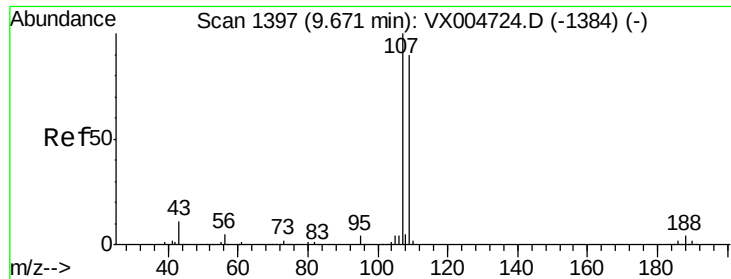
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#60
Dibromochloromethane
Concen: 53.324 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion:129 Resp: 165147
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.428 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 167247

Ion Ratio Lower Upper

107 100

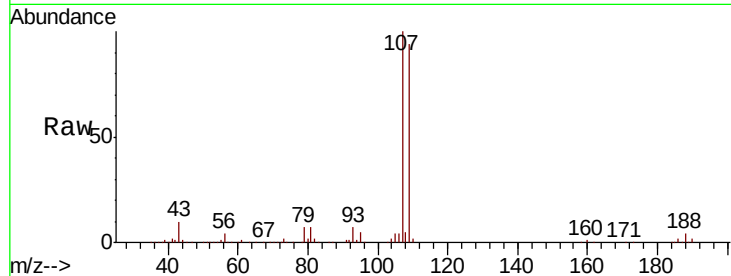
109 94.2 76.0 114.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

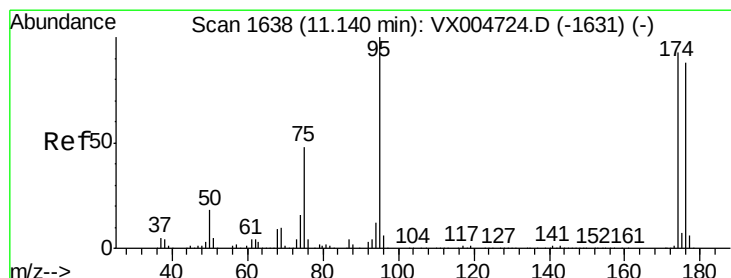
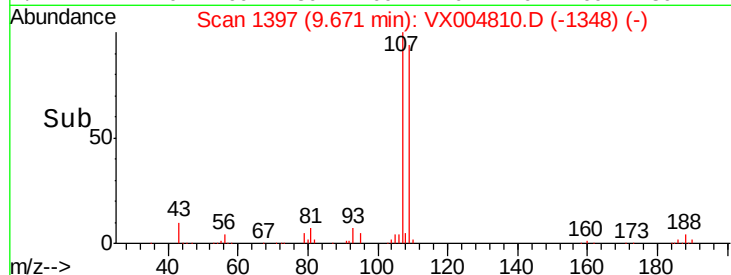
9.67

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.899 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

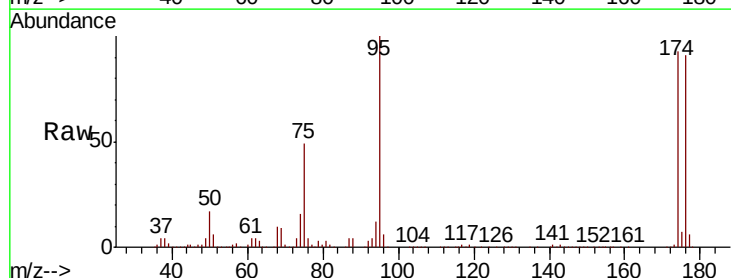
Tgt Ion: 95 Resp: 190838

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.2

176 88.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

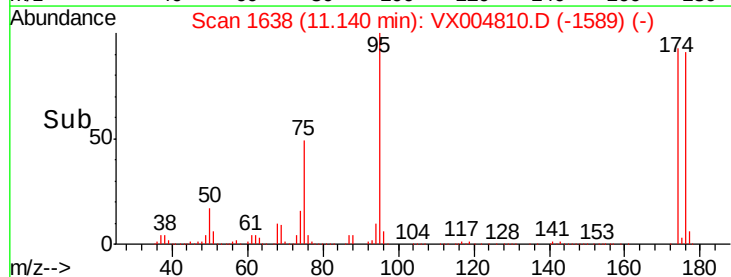
150000

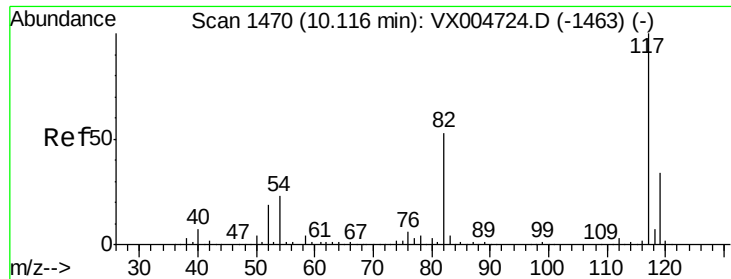
100000

50000

0

Time-->





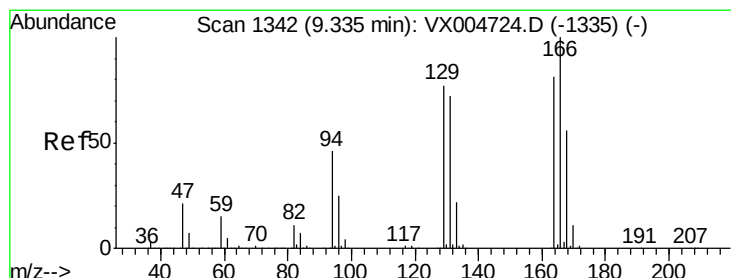
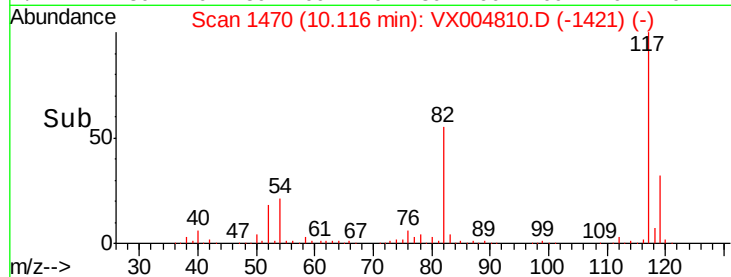
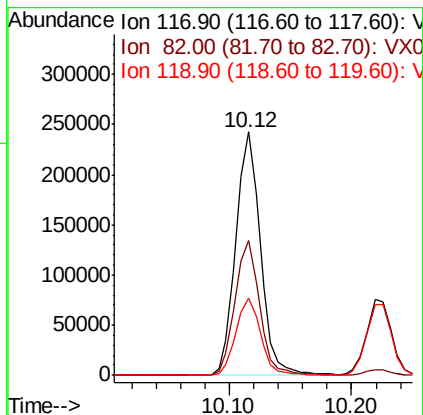
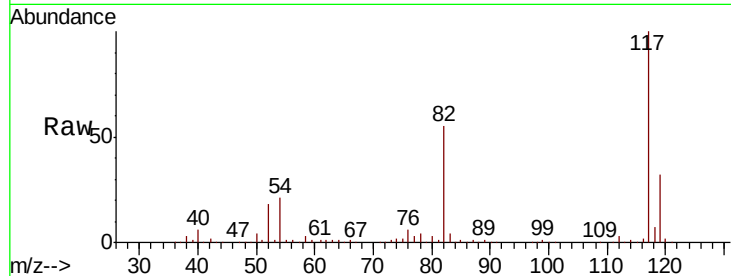
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	47.8	71.6
119	31.9	29.3	43.9

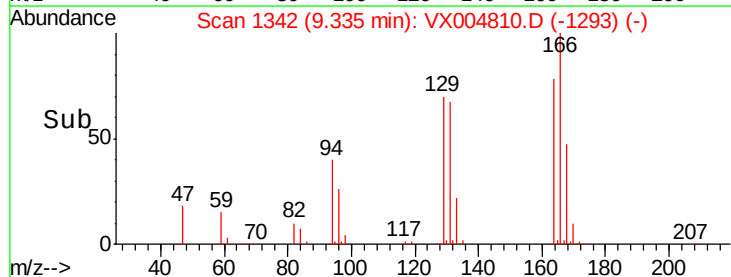
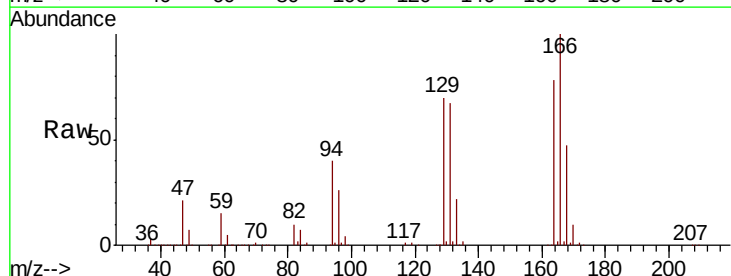
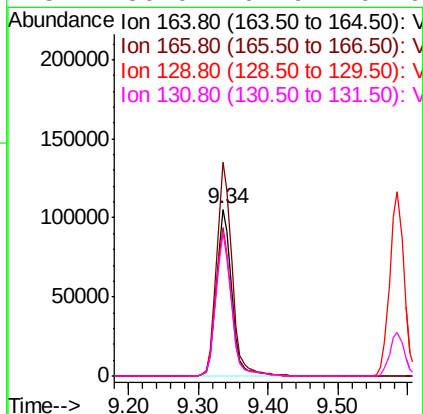
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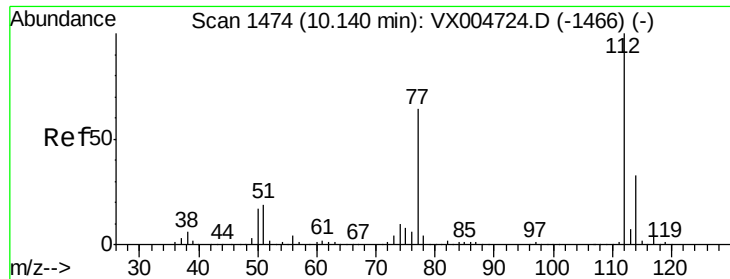
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#64
Tetrachloroethene
Concen: 48.226 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.8	154.2
129	89.3	69.4	104.0
131	86.0	67.9	101.9





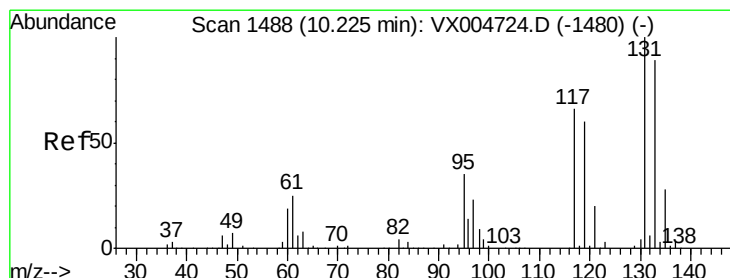
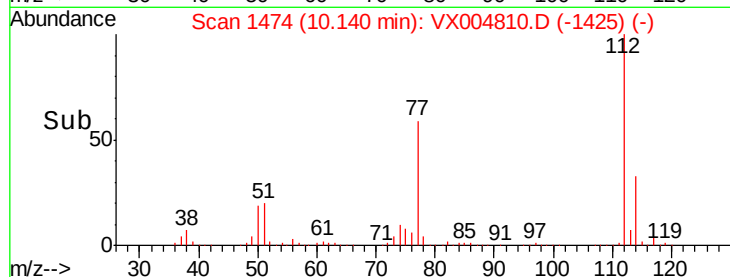
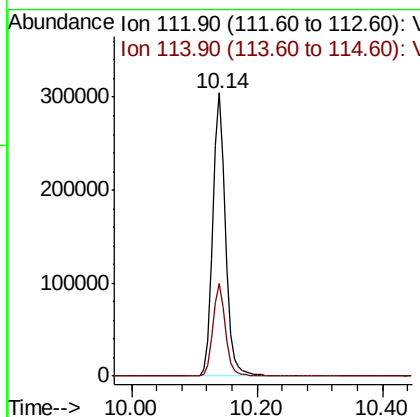
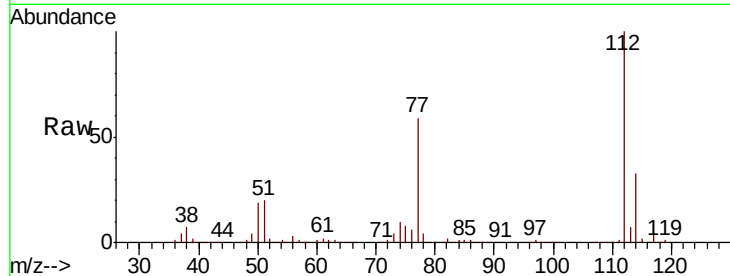
#65
Chlorobenzene
Concen: 49.315 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 428603
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8

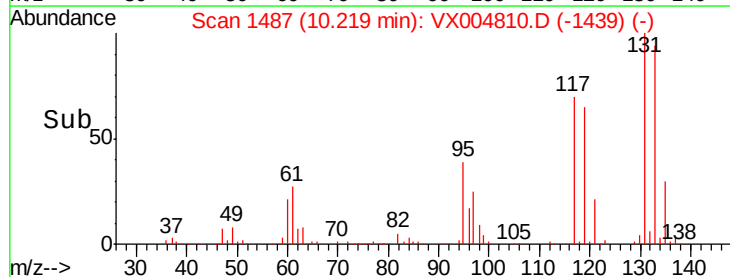
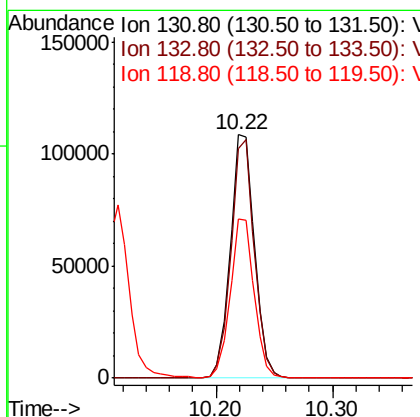
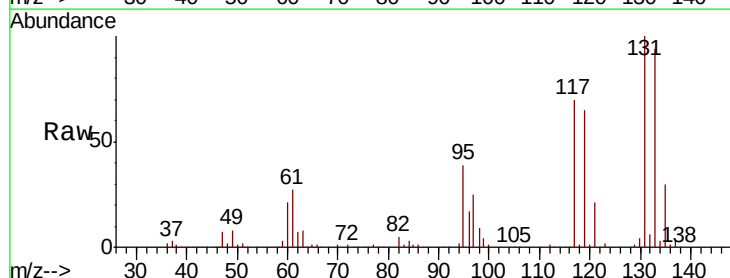
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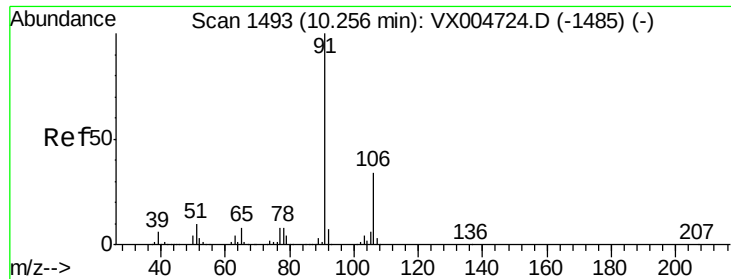
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.147 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion:131 Resp: 156276
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 64.9 32.9 98.6





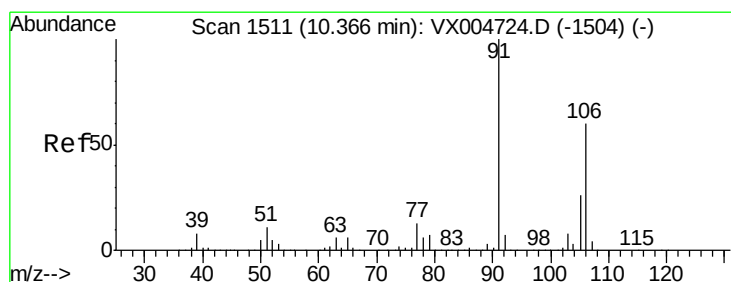
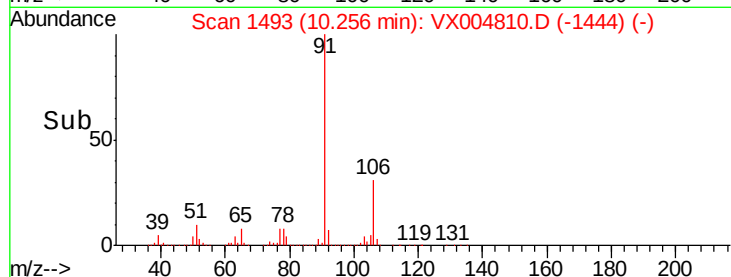
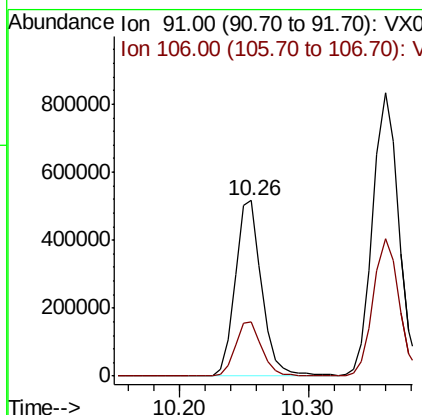
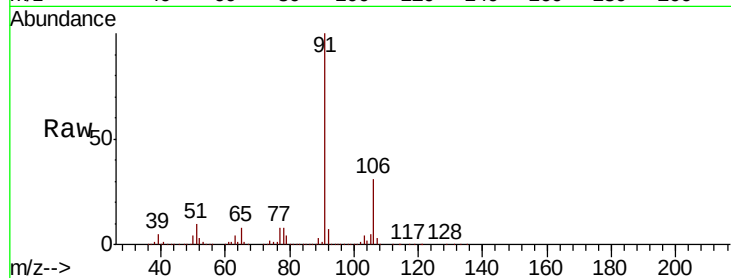
#67
Ethyl Benzene
Concen: 53.768 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 741897
Ion Ratio Lower Upper
91 100
106 30.9 25.9 38.9

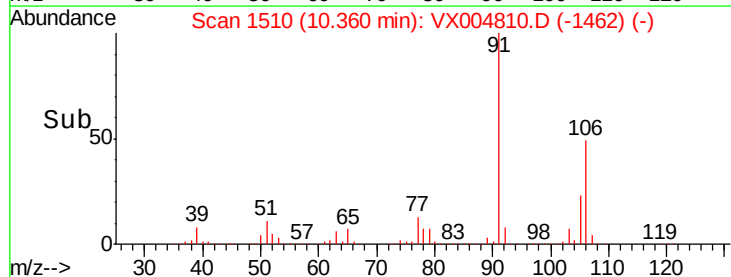
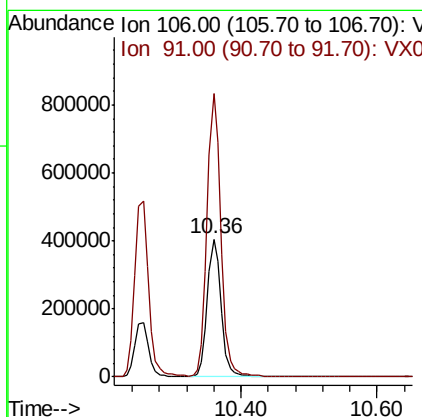
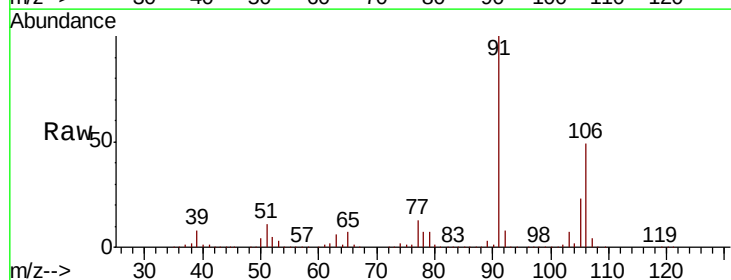
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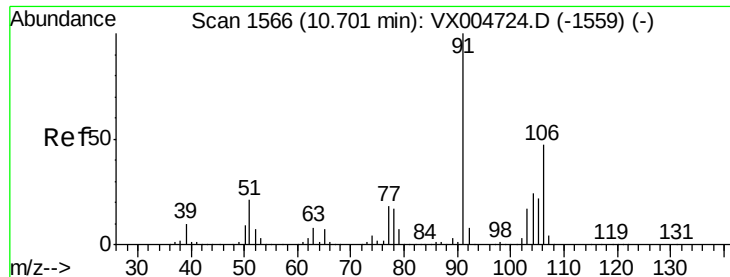
MMDadoda
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#68
m/p-Xylenes
Concen: 106.517 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion: 106 Resp: 574338
Ion Ratio Lower Upper
106 100
91 205.6 157.1 235.7





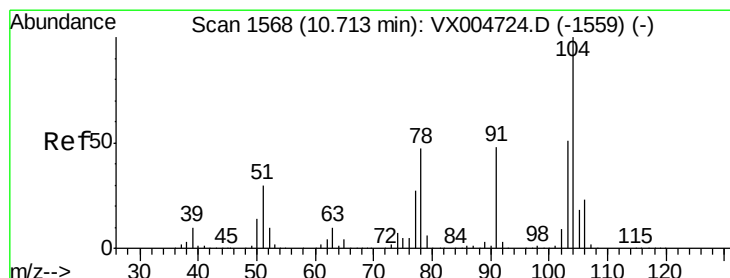
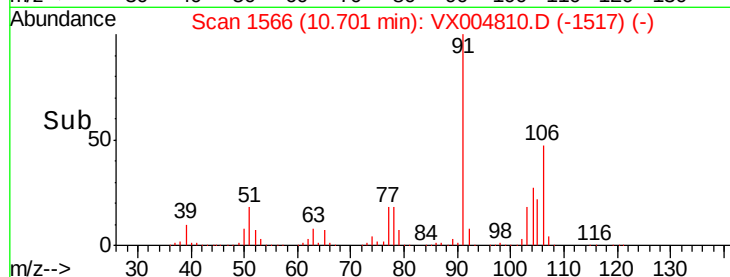
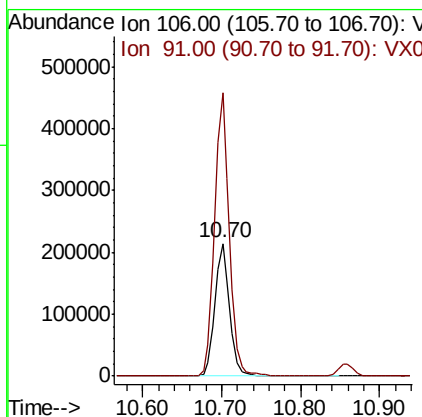
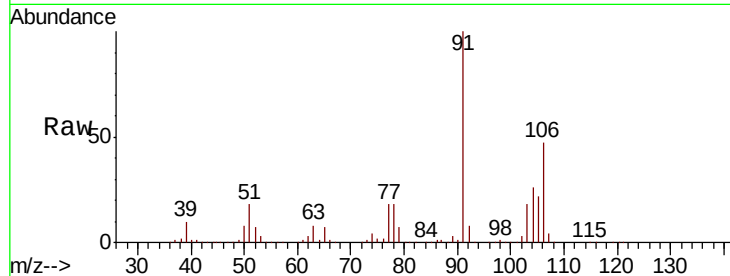
#69
o-Xylene
Concen: 56.141 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.4	105.1	315.1

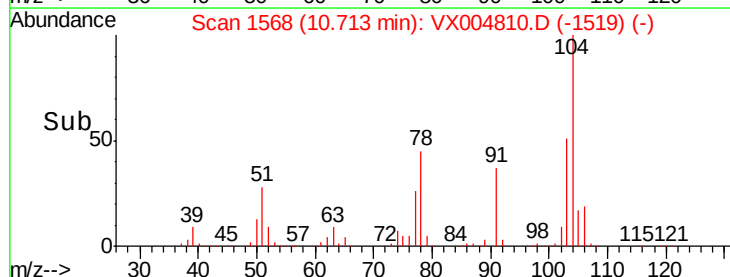
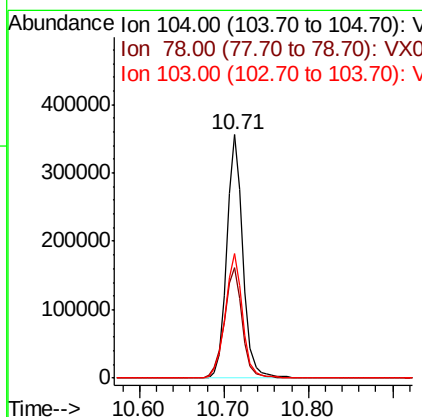
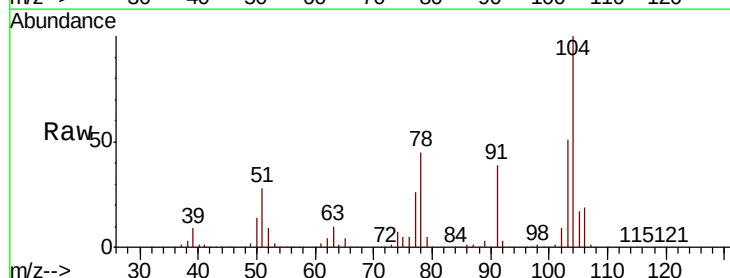
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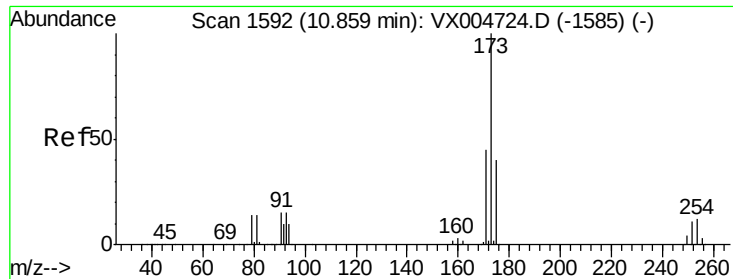
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#70
Styrene
Concen: 50.646 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.3	37.4	56.0
103	55.4	43.8	65.6





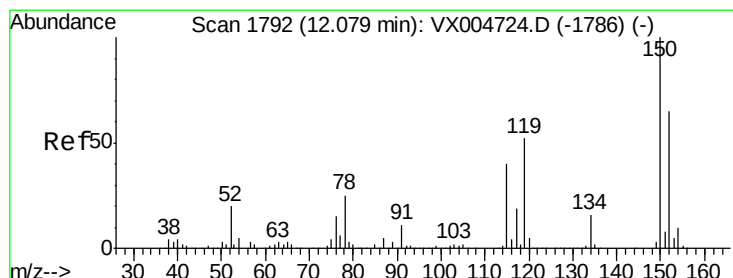
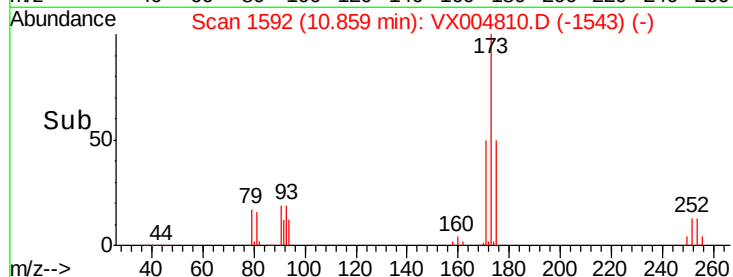
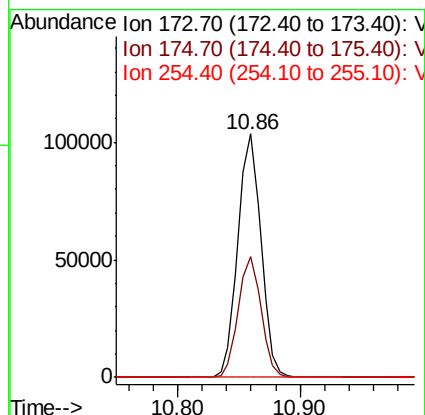
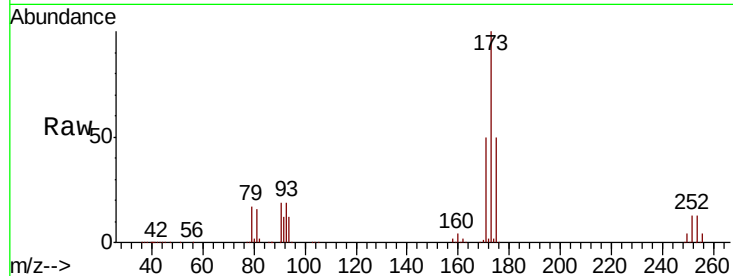
#71
Bromoform
Concen: 51.611 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.3
254	0.2	0.2	0.2

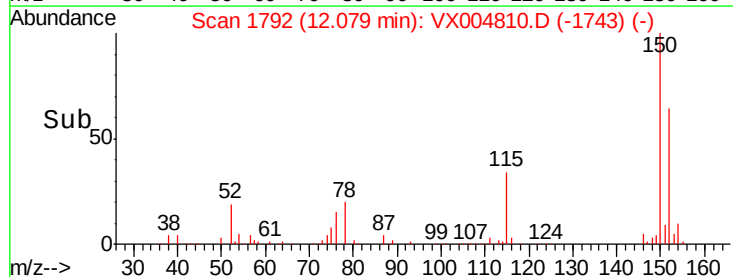
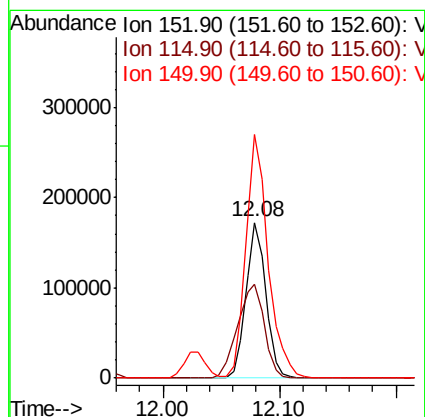
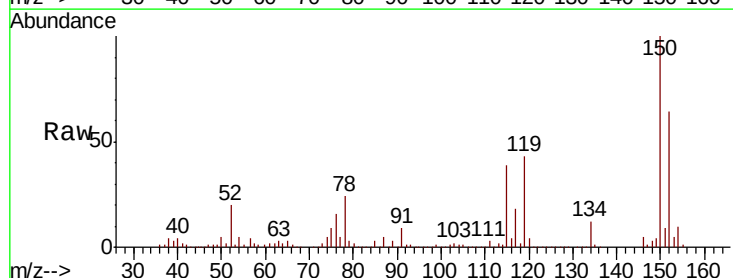
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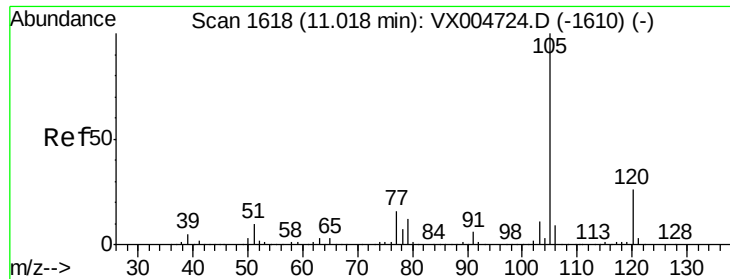
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.3	39.0	117.0
150	175.1	0.0	351.0





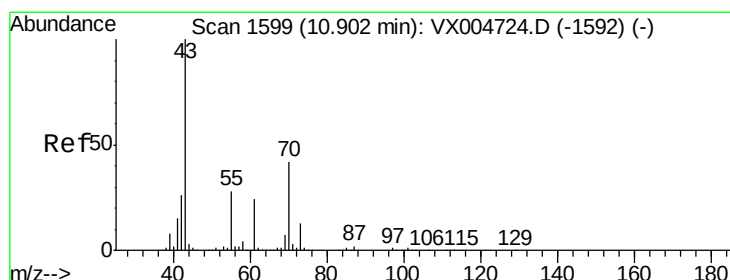
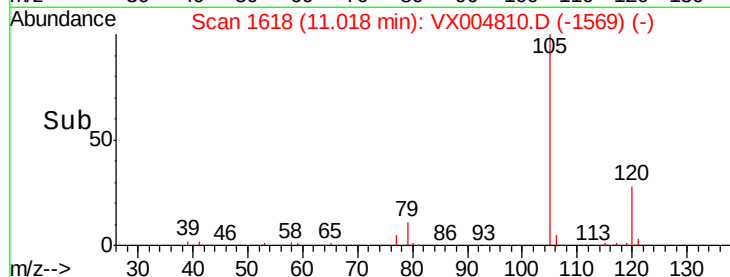
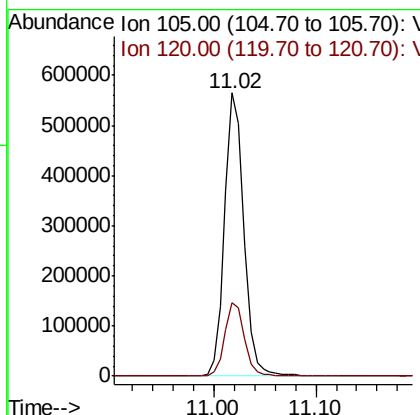
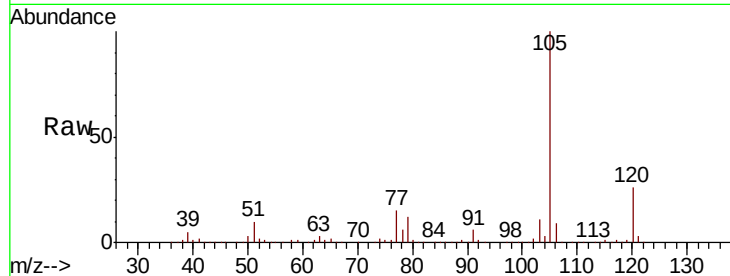
#73
Isopropylbenzene
Concen: 57.147 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 743089
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4

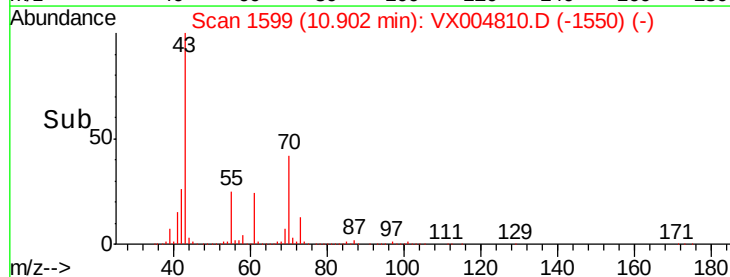
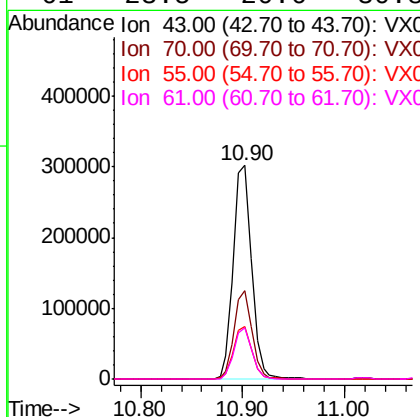
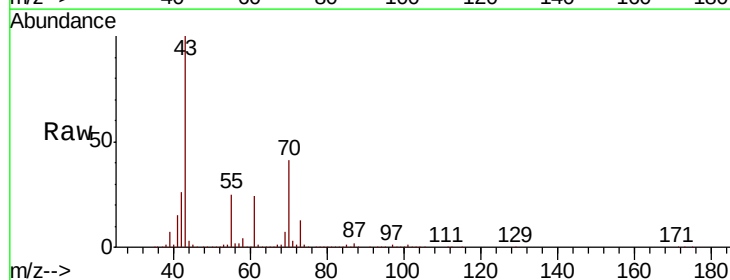
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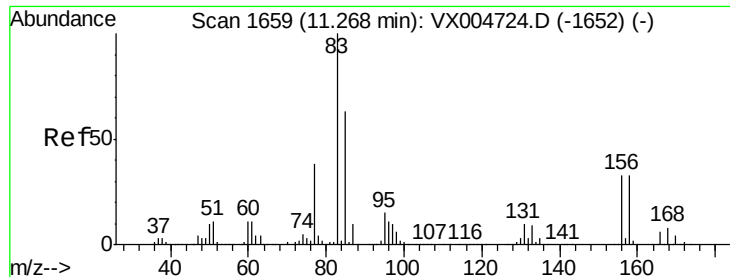
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#74
N-ethyl acetate
Concen: 52.277 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion: 43 Resp: 374214
Ion Ratio Lower Upper
43 100
70 40.4 37.4 56.0
55 24.9 21.8 32.8
61 23.5 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.326 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 266380

Ion Ratio Lower Upper

83 100

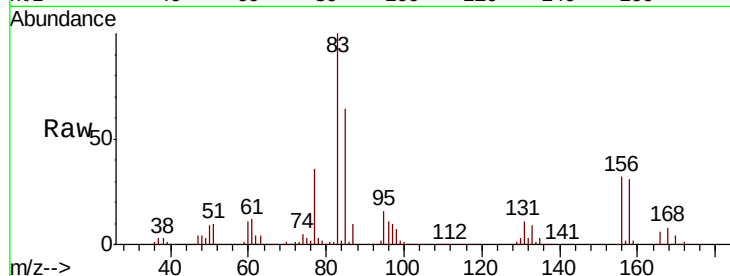
131 10.3 5.2 15.6

85 64.1 32.3 96.8

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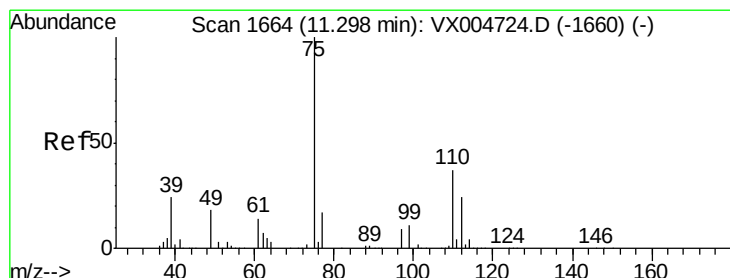
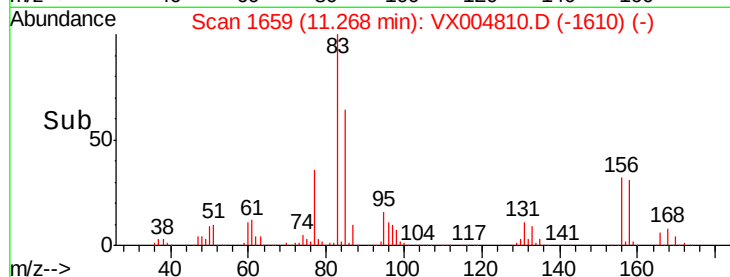
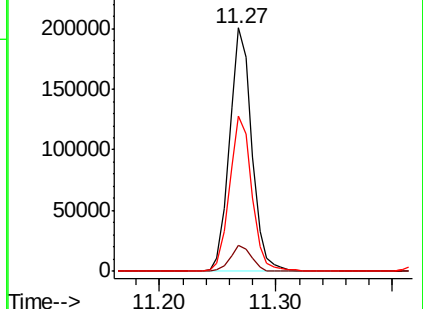
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.489 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004810.D

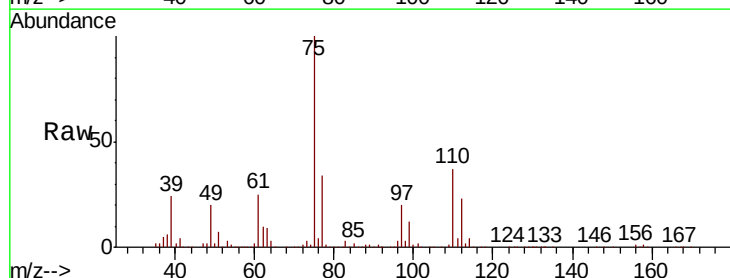
Acq: 28 Sep 2018 08:10

Tgt Ion: 75 Resp: 238078

Ion Ratio Lower Upper

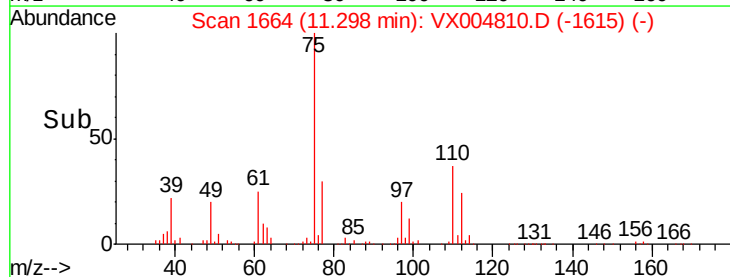
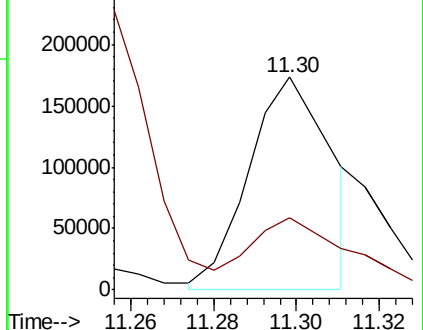
75 100

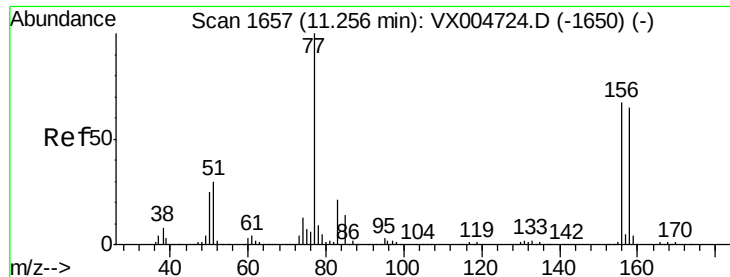
77 41.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.833 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 199542

Ion Ratio Lower Upper

156 100

77 148.0 71.5 214.3

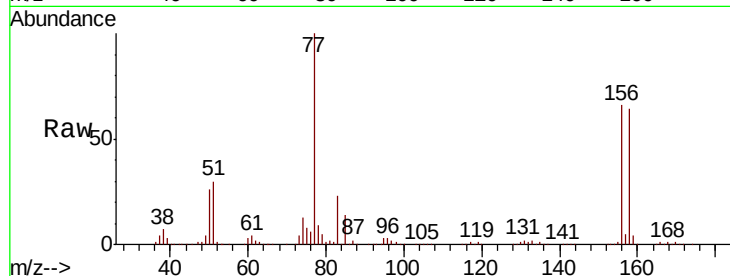
158 97.1 48.9 146.8

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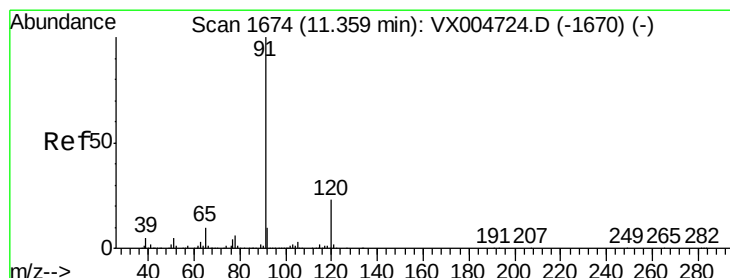
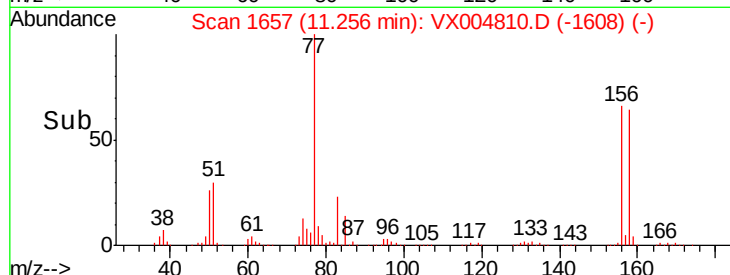
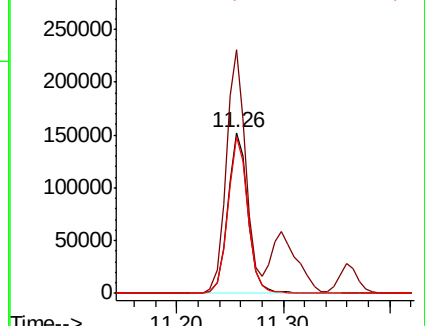
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.806 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004810.D

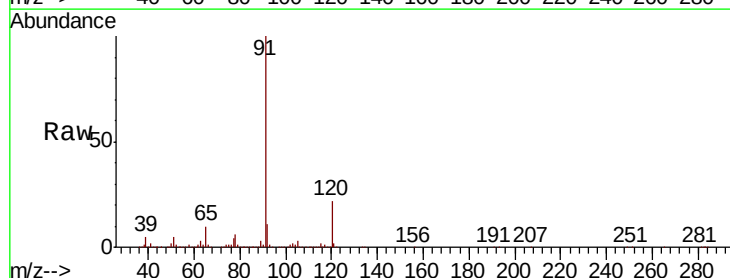
Acq: 28 Sep 2018 08:10

Tgt Ion: 91 Resp: 862438

Ion Ratio Lower Upper

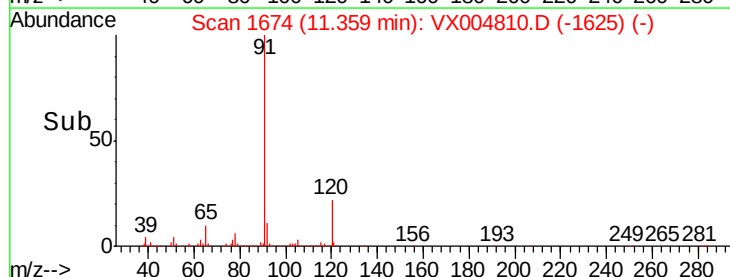
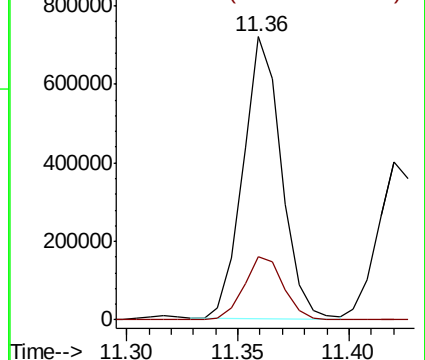
91 100

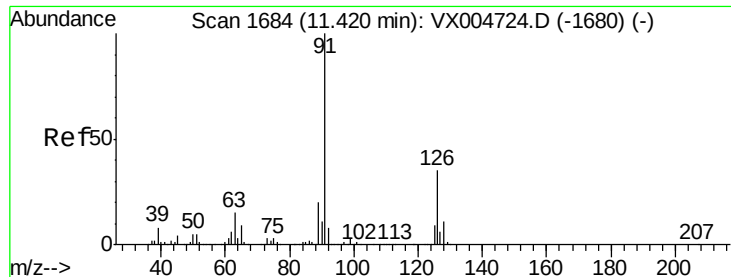
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





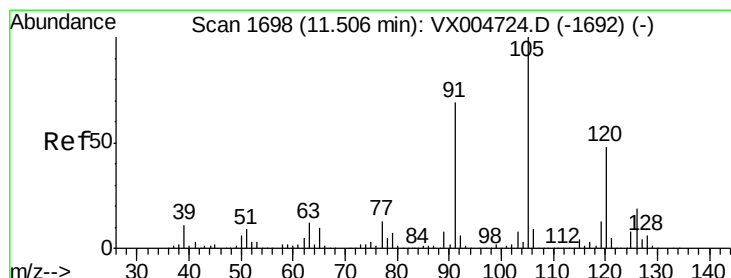
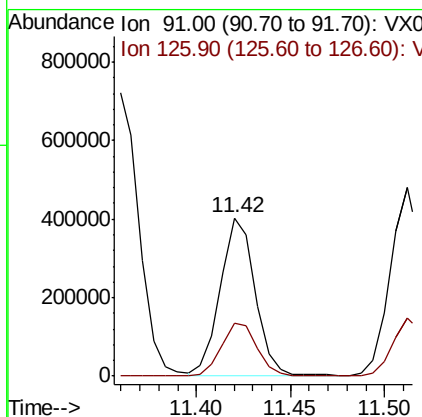
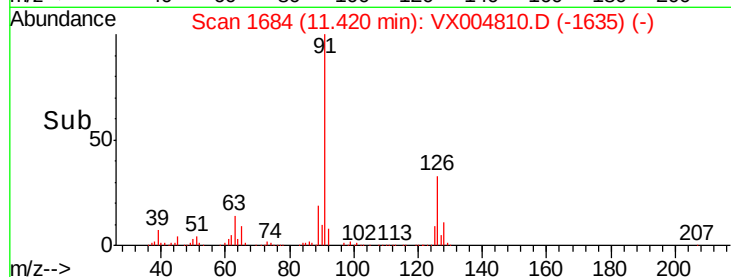
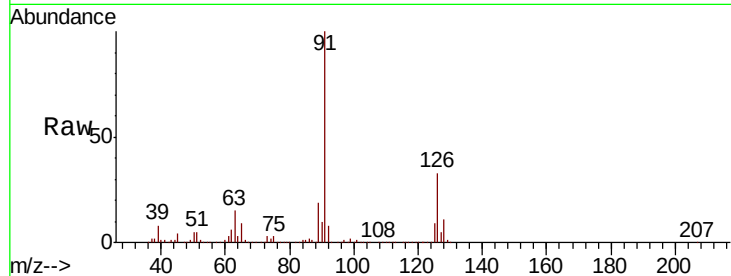
#79
 2-Chlorotoluene
 Concen: 54.961 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 511116
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.9 53.7

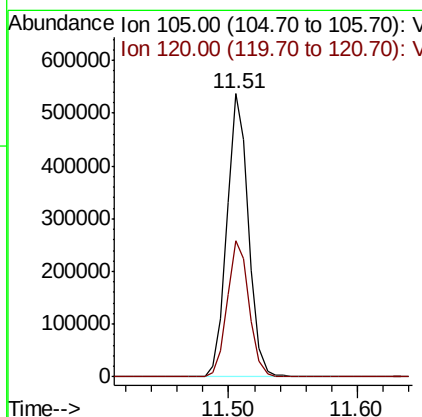
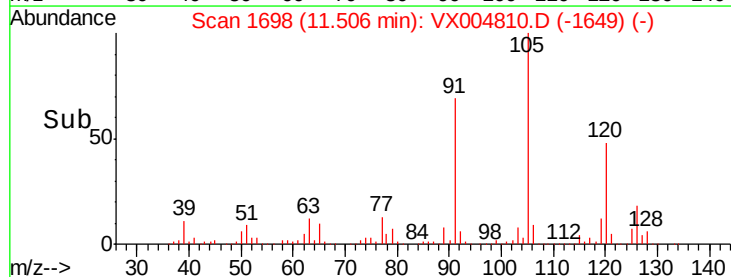
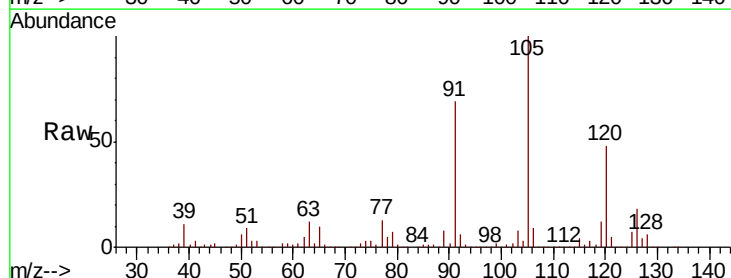
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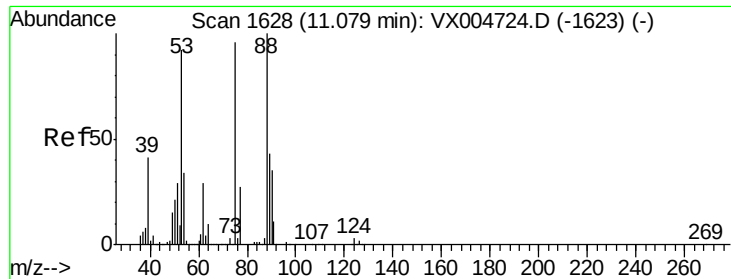
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.038 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion: 105 Resp: 631947
 Ion Ratio Lower Upper
 105 100
 120 48.9 25.6 76.8





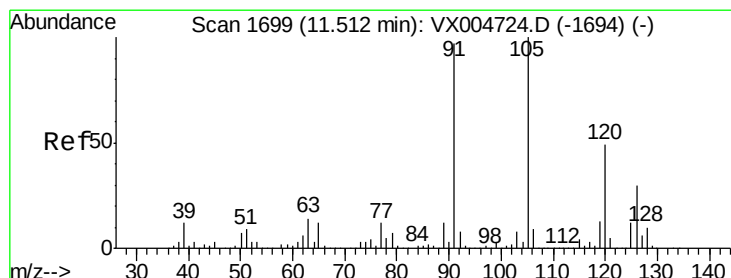
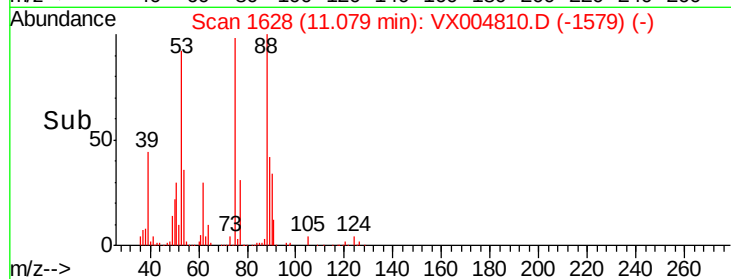
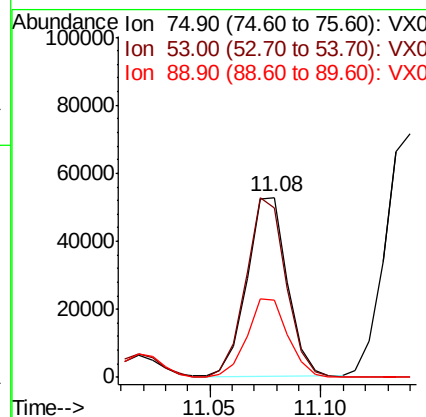
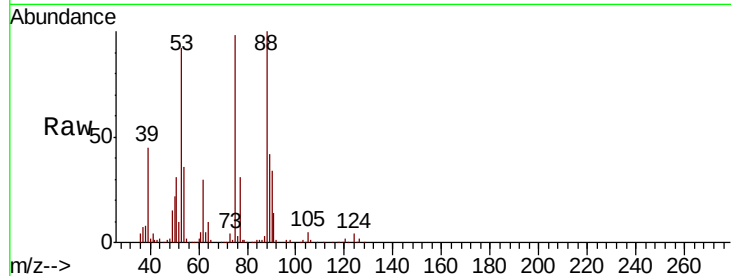
#81
trans-1,4-Dichloro-2-butene
Concen: 39.644 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.4	80.1	120.1
89	44.7	37.2	55.8

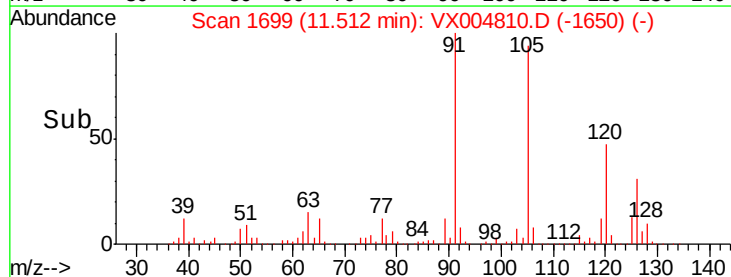
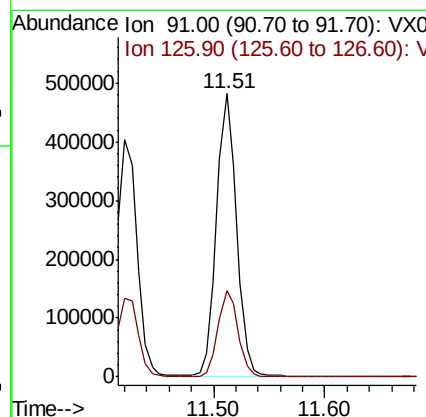
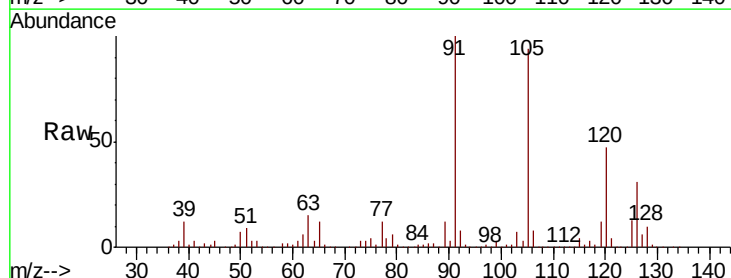
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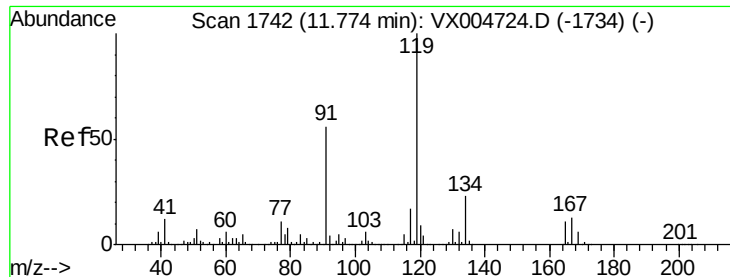
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#82
4-Chlorotoluene
Concen: 55.236 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.5	46.5





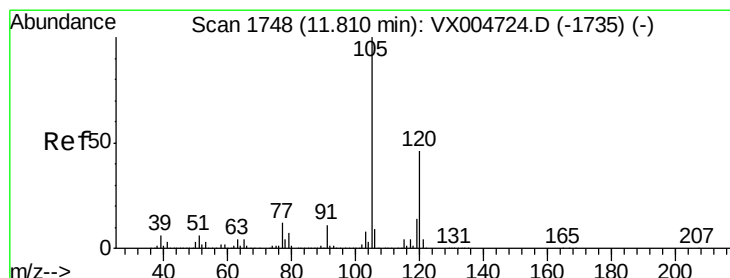
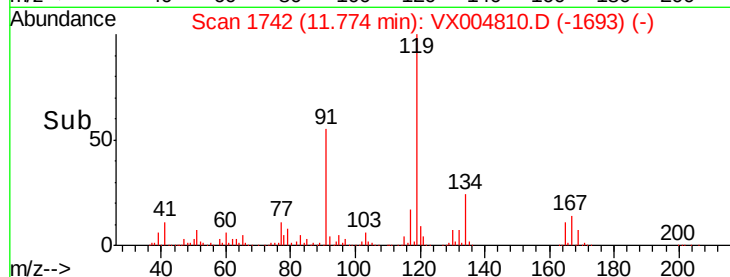
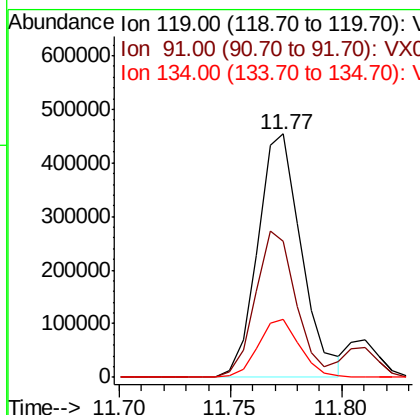
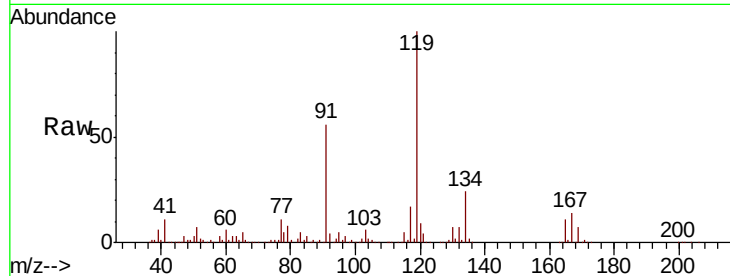
#83
 tert-Butylbenzene
 Concen: 57.967 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.8	27.0	81.0
134	22.8	11.7	35.1

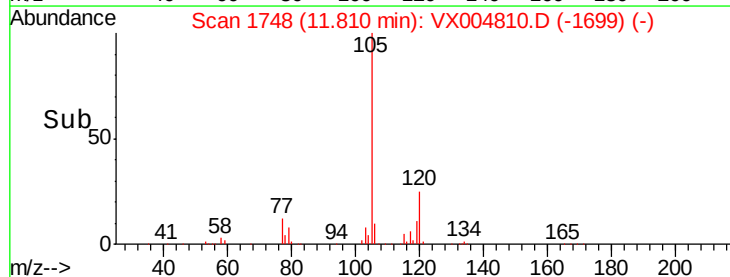
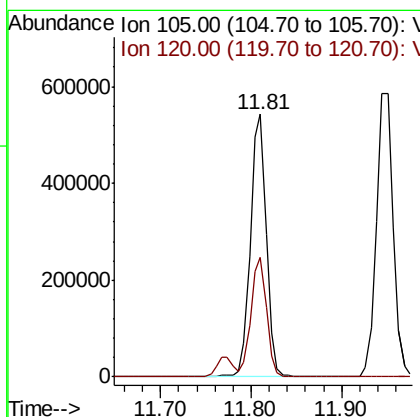
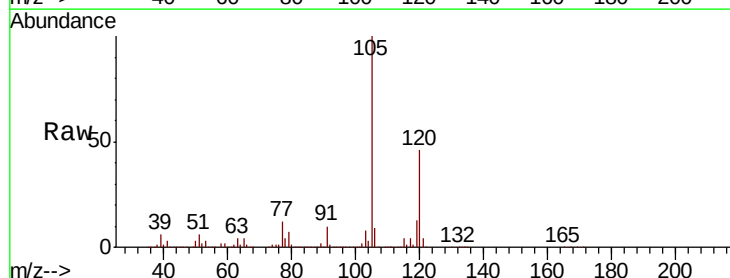
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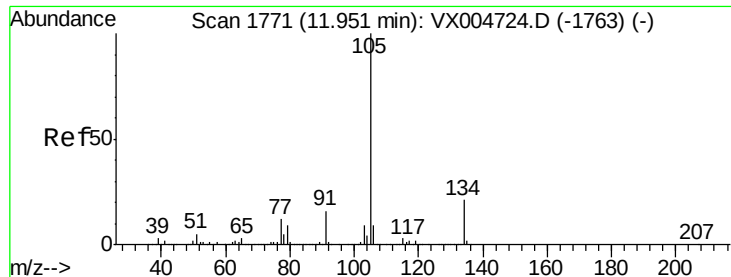
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.496 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.2	69.6





#85

sec-Butylbenzene

Concen: 57.595 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 751038

Ion Ratio Lower Upper

105 100

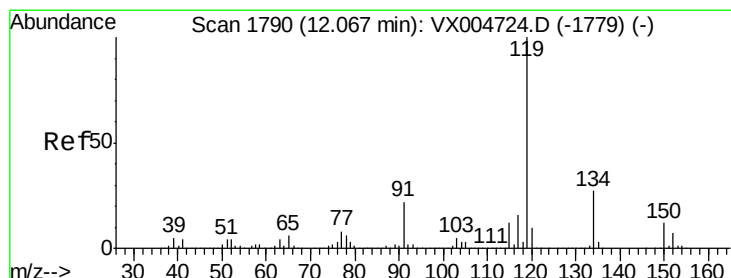
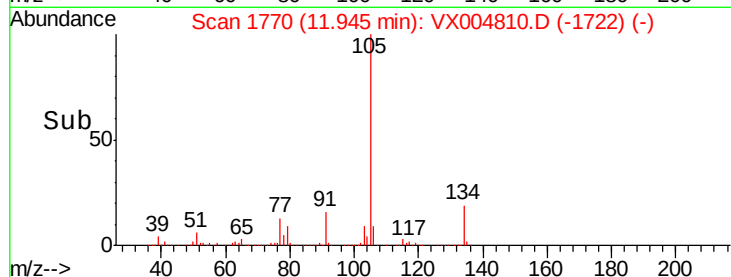
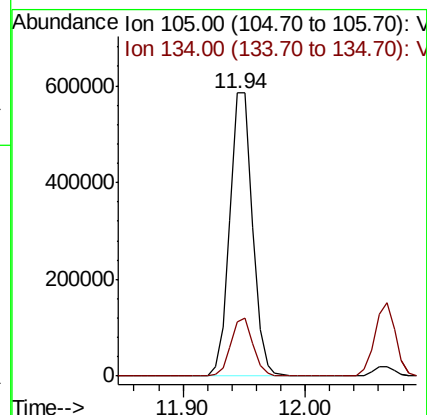
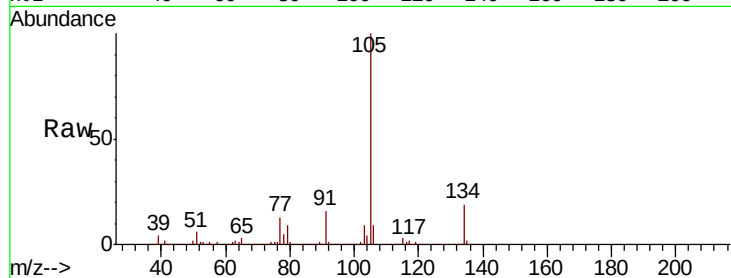
134 20.0 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 57.058 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

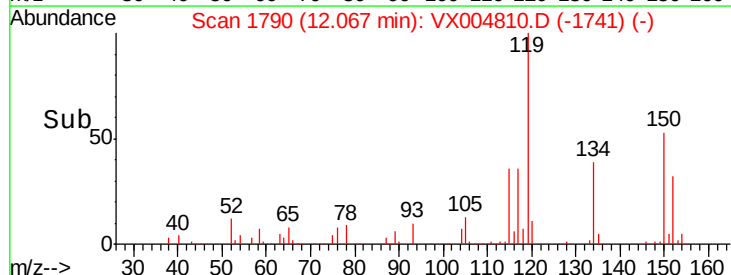
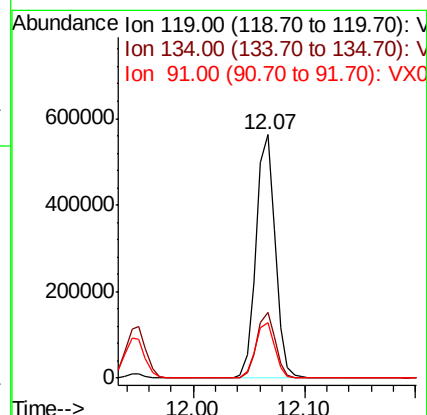
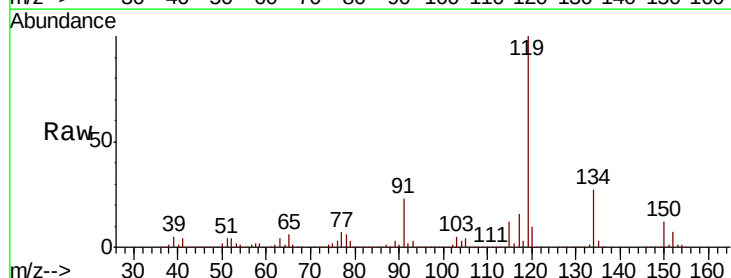
Tgt Ion:119 Resp: 674103

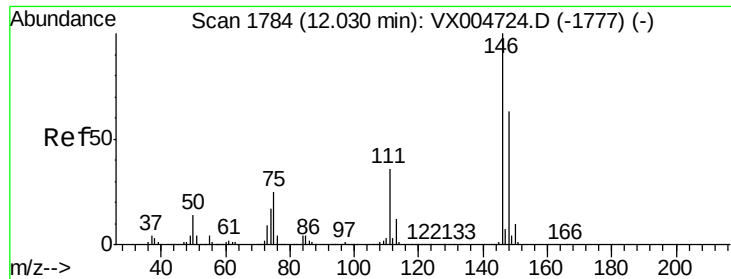
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 23.0 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 51.815 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

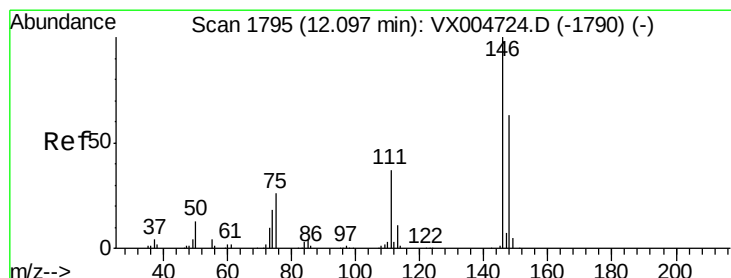
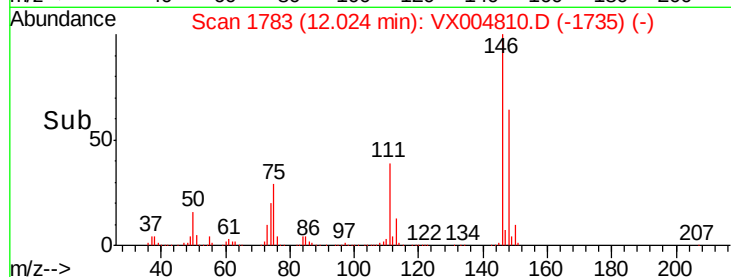
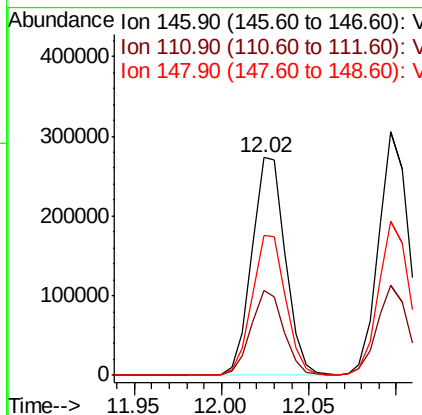
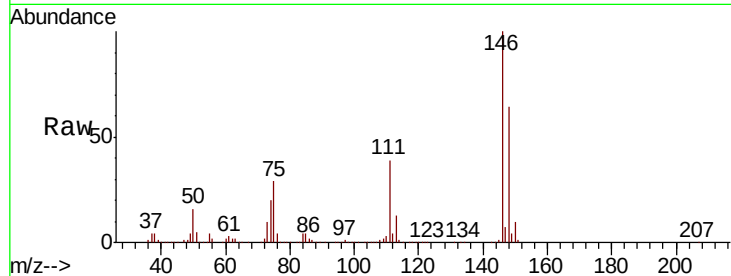
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	365420
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.7	56.1
148	64.1	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 50.936 ug/l

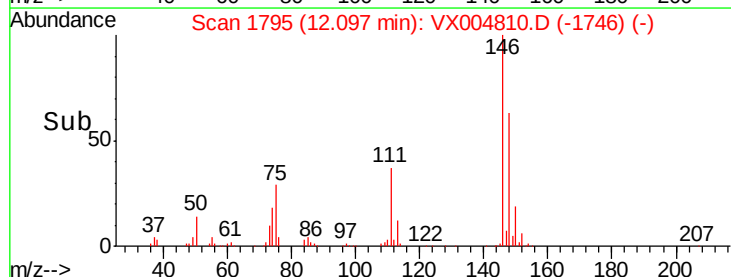
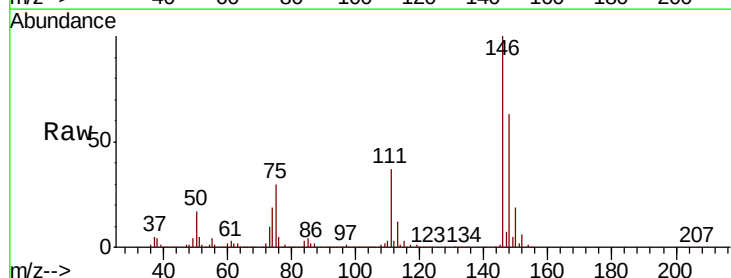
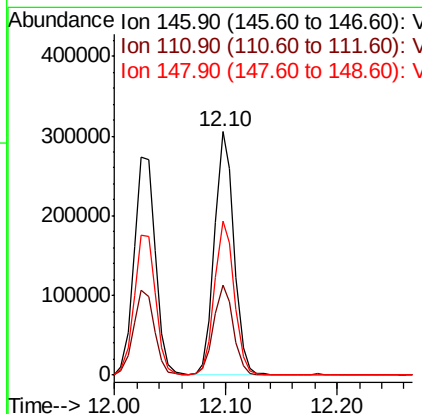
RT: 12.10 min Scan# 1795

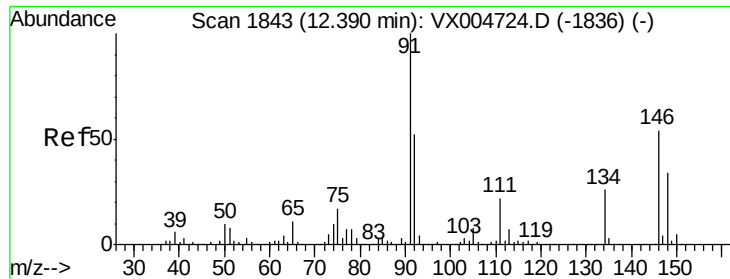
Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Tgt Ion:	146	Resp:	370825
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.1	54.1
148	64.1	32.0	96.0





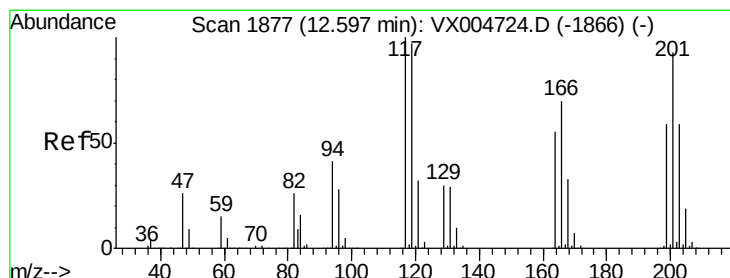
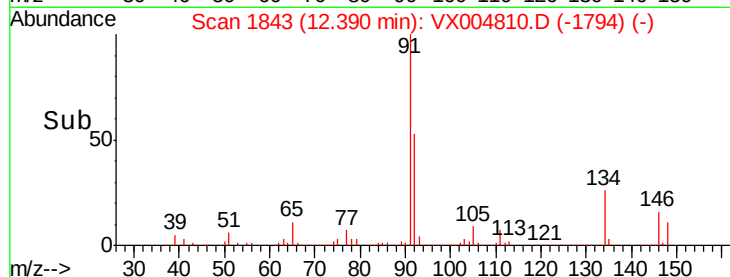
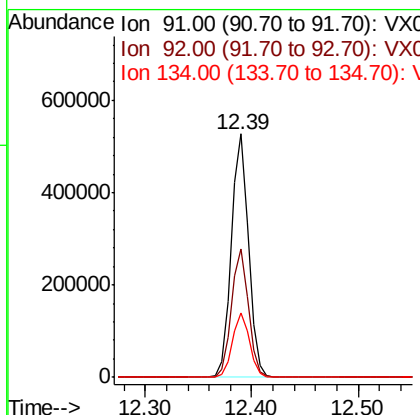
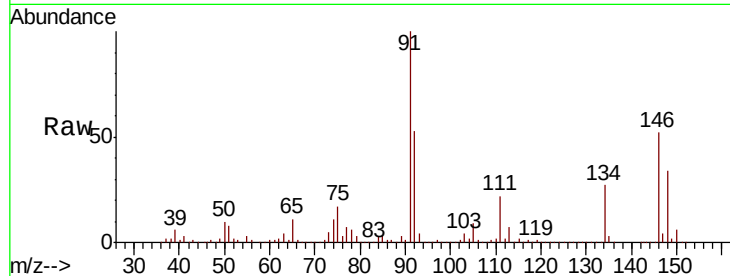
#89
n-Butylbenzene
Concen: 55.796 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	598671		
92	52.4	27.3	81.9	
134	26.4	13.6	40.7	

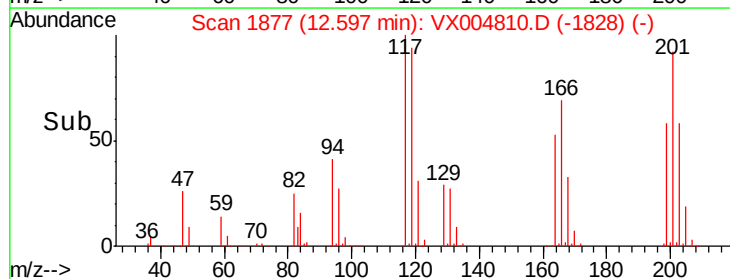
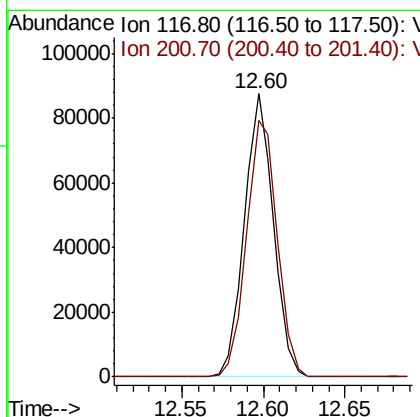
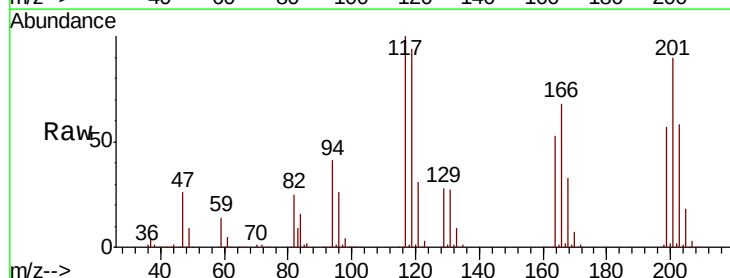
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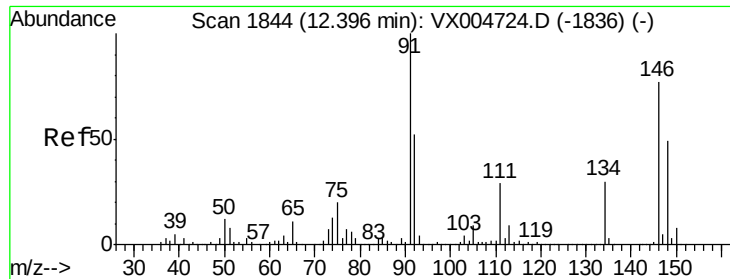
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#90
Hexachloroethane
Concen: 55.160 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	108503		
201	96.0	46.9	140.6	





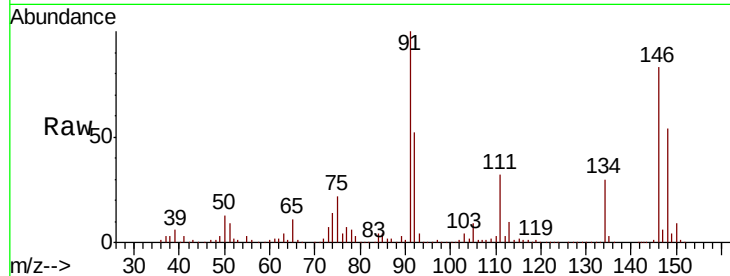
#91
 1,2-Dichlorobenzene
 Concen: 50.529 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.1
148	64.3	32.8	98.3

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 9/28/2018 2:26:12 PM

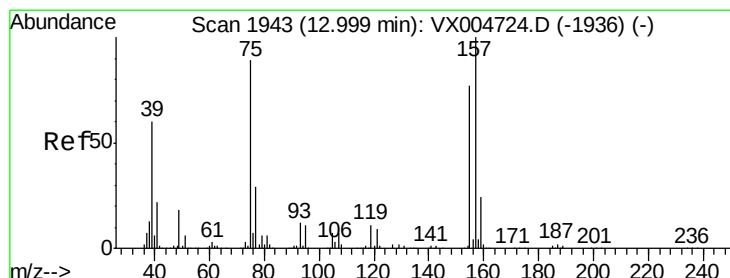
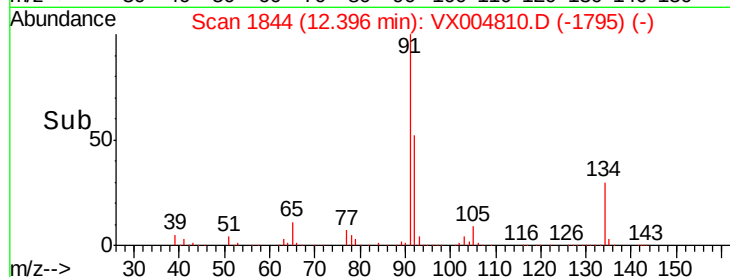
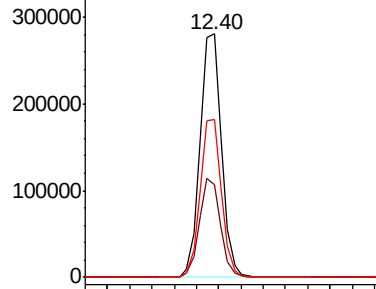


Abundance

Ion 145.90 (145.60 to 146.60): V

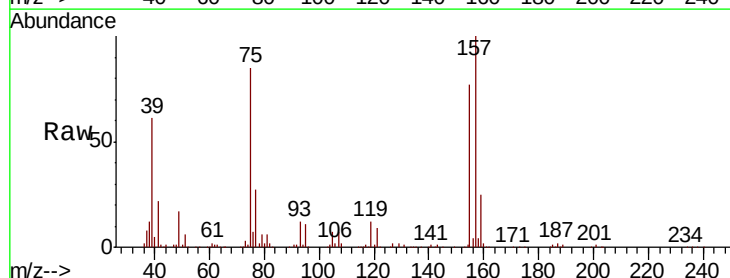
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.432 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	48.0	144.2
157	118.7	61.4	184.1

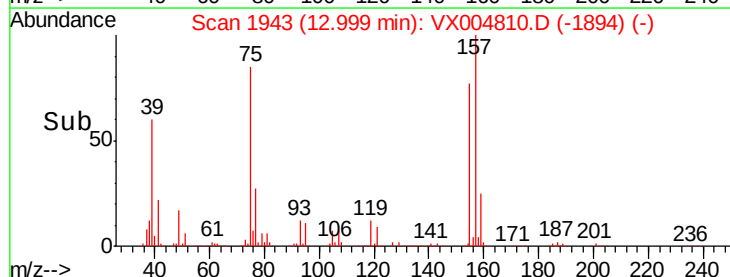
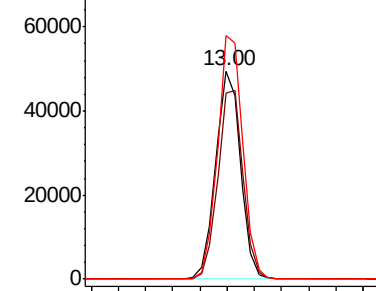


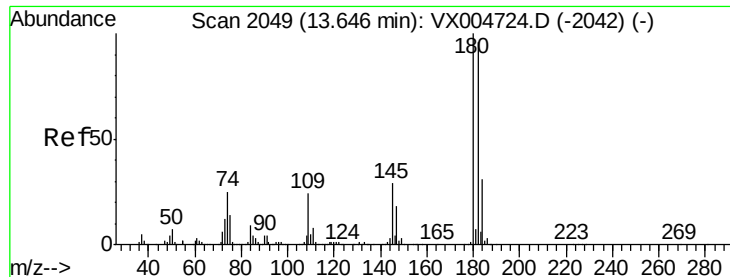
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





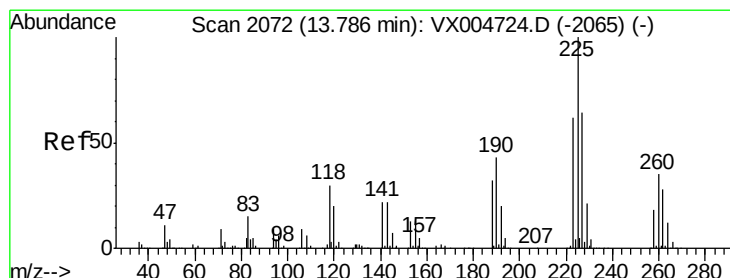
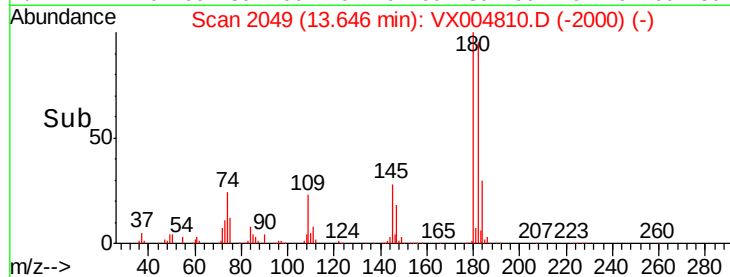
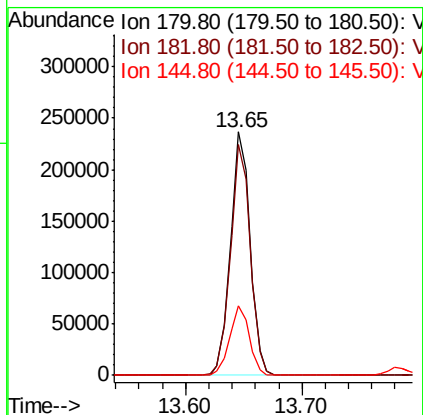
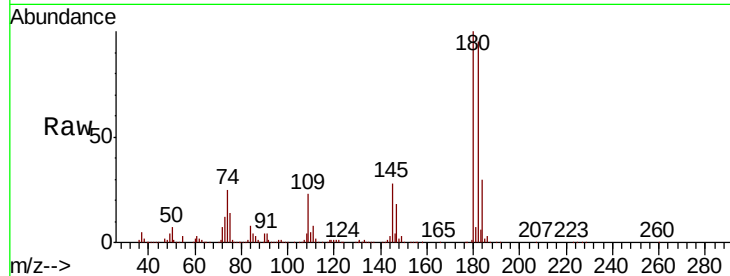
#93
 1,2,4-Trichlorobenzene
 Concen: 53.764 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	277960		
182	95.6	48.4	145.0	
145	28.4	14.3	42.9	

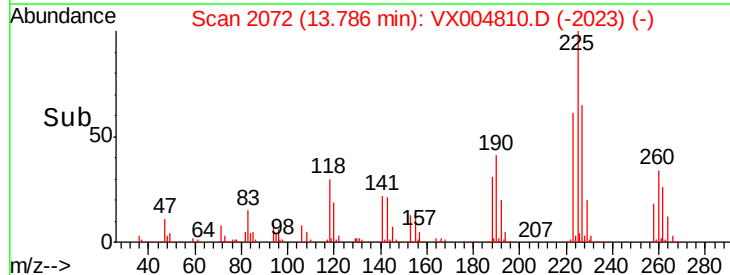
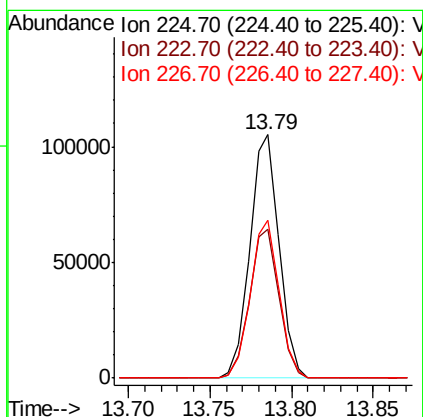
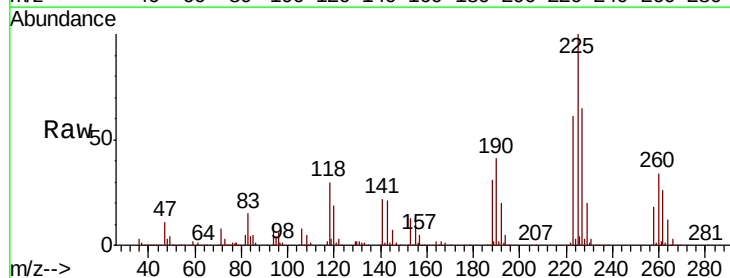
Manual Integrations
 APPROVED

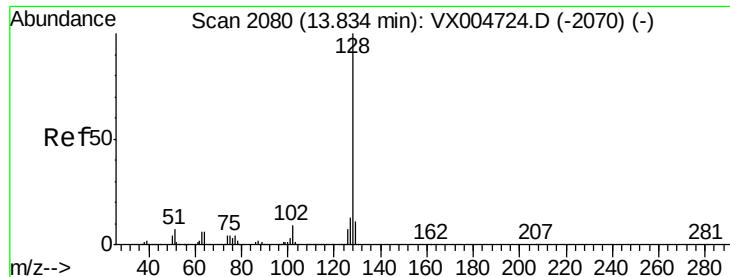
MMDadoda
 9/28/2018 2:26:12 PM



#94
 Hexachlorobutadiene
 Concen: 48.863 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130999		
223	61.7	30.1	90.5	
227	63.9	30.8	92.4	





#95

Naphthalene

Concen: 52.885 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

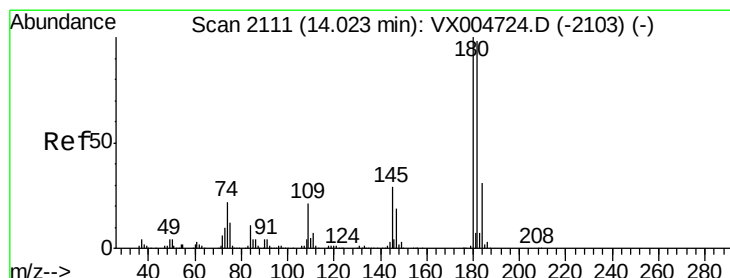
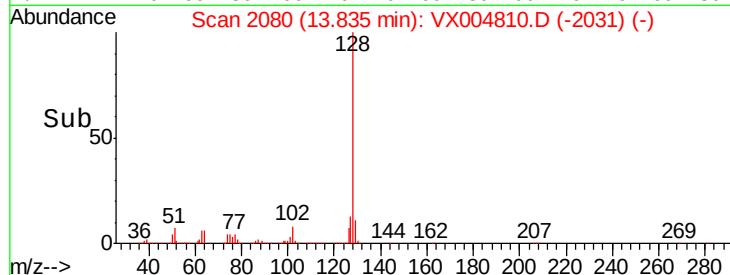
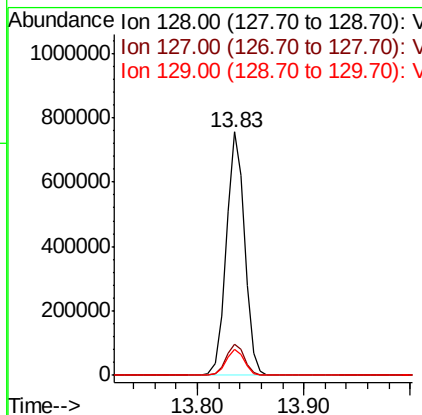
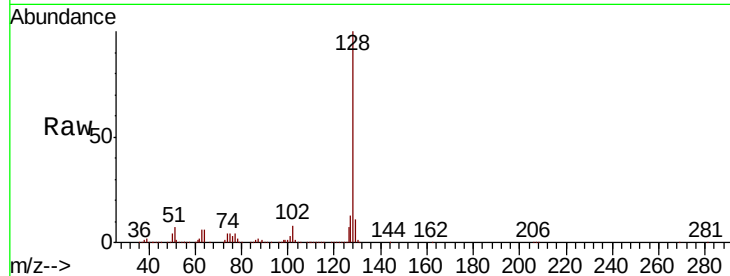
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	908202
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:12 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.301 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Tgt Ion:	180	Resp:	284665
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.5	145.6
145	29.8	14.9	44.9

