

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122618\
 Data File : VX006829.D
 Acq On : 26 Dec 2018 20:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/27/2018 9:40:49 AM

Quant Time: Dec 27 04:51:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	571945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	851090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	757342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	377014	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	296215	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.50	113	270317	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	8.71	98	957647	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	11.13	95	352594	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	224793	42.963	ug/l	99
3) Chloromethane	1.33	50	245753	43.596	ug/l	99
4) Vinyl Chloride	1.41	62	270298	45.912	ug/l	100
5) Bromomethane	1.64	94	217892	39.247	ug/l	98
6) Chloroethane	1.71	64	178819	43.866	ug/l	97
7) Trichlorofluoromethane	1.93	101	429917	46.838	ug/l	97
8) Diethyl Ether	2.19	74	172897	47.425	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	245691	45.588	ug/l	99
10) Methyl Iodide	2.51	142	322057	41.746	ug/l	99
11) Tert butyl alcohol	3.07	59	324846	236.136	ug/l	98
12) 1,1-Dichloroethene	2.37	96	233459	45.685	ug/l	98
13) Acrolein	2.29	56	227043	244.648	ug/l	98
14) Allyl chloride	2.73	41	420568	48.894	ug/l	99
15) Acrylonitrile	3.15	53	776765	254.308	ug/l	100
16) Acetone	2.45	43	628624	221.970	ug/l	100
17) Carbon Disulfide	2.57	76	539050	39.861	ug/l	99
18) Methyl Acetate	2.78	43	455132	54.654	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	875209	51.602	ug/l	97
20) Methylene Chloride	2.85	84	276878	47.280	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	255012	45.039	ug/l	99
22) Diisopropyl ether	3.87	45	813655	51.706	ug/l	98
23) Vinyl Acetate	3.82	43	3272384	254.232	ug/l	99
24) 1,1-Dichloroethane	3.70	63	447954	47.686	ug/l	98
25) 2-Butanone	4.70	43	956314	240.064	ug/l	98
26) 2,2-Dichloropropane	4.59	77	306364	42.220	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	298289	47.749	ug/l	99
28) Bromochloromethane	5.02	49	209608	53.046	ug/l	98
29) Tetrahydrofuran	5.15	42	649917	247.709	ug/l	98
30) Chloroform	5.21	83	471464	48.466	ug/l	98
31) Cyclohexane	5.57	56	344693	40.391	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	390275	47.514	ug/l	98
36) 1,1-Dichloropropene	5.80	75	329802	46.787	ug/l	99
37) Ethyl Acetate	4.85	43	378165	51.544	ug/l	98
38) Carbon Tetrachloride	5.78	117	329504	48.099	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	353370	38.078	ug/l	99
40) Benzene	6.14	78	1031622	48.147	ug/l	98
41) Methacrylonitrile	5.06	41	213091	54.706	ug/l	98
42) 1,2-Dichloroethane	6.20	62	359874	49.290	ug/l	100
43) Isopropyl Acetate	6.46	43	616120	55.192	ug/l	98
44) Trichloroethene	7.21	130	296986	45.795	ug/l	93
45) 1,2-Dichloropropane	7.51	63	263485	50.533	ug/l	97
46) Dibromomethane	7.66	93	188156	49.059	ug/l	97
47) Bromodichloromethane	7.90	83	327165	51.381	ug/l	97
48) Methyl methacrylate	7.77	41	314391	55.382	ug/l	97
49) 1,4-Dioxane	7.75	88	132587	890.485	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1977078	278.353	ug/l	99
52) Toluene	8.78	92	658316	47.558	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	366443	53.660	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	400734	53.480	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	284950	50.291	ug/l	99
56) Ethyl methacrylate	9.18	69	437053	54.576	ug/l	95
57) 1,3-Dichloropropane	9.37	76	455545	49.972	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1137662	267.254	ug/l	99
59) 2-Hexanone	9.49	43	1467238	269.988	ug/l	99
60) Dibromochloromethane	9.59	129	287165	48.530	ug/l	98
61) 1,2-Dibromoethane	9.67	107	305103	50.655	ug/l	100
64) Tetrachloroethene	9.34	164	263667	43.967	ug/l	97
65) Chlorobenzene	10.14	112	772655	48.224	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	275114	55.035	ug/l	100
67) Ethyl Benzene	10.25	91	1226311	46.839	ug/l	99
68) m/p-Xylenes	10.36	106	976762	94.546	ug/l	99
69) o-Xylene	10.69	106	485962	47.635	ug/l	98
70) Styrene	10.71	104	811675	50.290	ug/l	99
71) Bromoform	10.86	173	216088	48.108	ug/l	98
73) Isopropylbenzene	11.02	105	1225943	47.531	ug/l	99
74) N-amyl acetate	10.90	43	565303	61.232	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	424461	55.336	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	400051m	57.097	ug/l	
77) Bromobenzene	11.26	156	358614	51.429	ug/l	99
78) n-propylbenzene	11.36	91	1338011	47.109	ug/l	99
79) 2-Chlorotoluene	11.42	91	816864	47.459	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	979770	46.119	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	113964	49.543	ug/l	97
82) 4-Chlorotoluene	11.51	91	958574	48.551	ug/l	100
83) tert-Butylbenzene	11.77	119	984321	46.295	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1011159	45.252	ug/l	100
85) sec-Butylbenzene	11.94	105	1154669	44.294	ug/l	100
86) p-Isopropyltoluene	12.06	119	1030214	44.957	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	606092	48.228	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	608980	47.270	ug/l	99
89) n-Butylbenzene	12.38	91	886763	45.470	ug/l	99
90) Hexachloroethane	12.60	117	146696	41.503	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	596431	47.443	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	84078	52.974	ug/l	97

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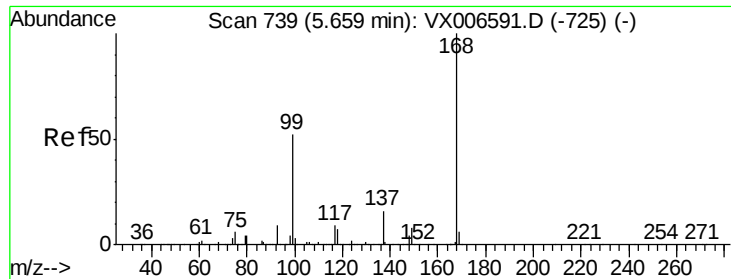
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	381485	43.992	ug/l	99
94) Hexachlorobutadiene	13.78	225	164726	40.301	ug/l	99
95) Naphthalene	13.83	128	1137158	41.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	373878	41.758	ug/l	97

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



#1

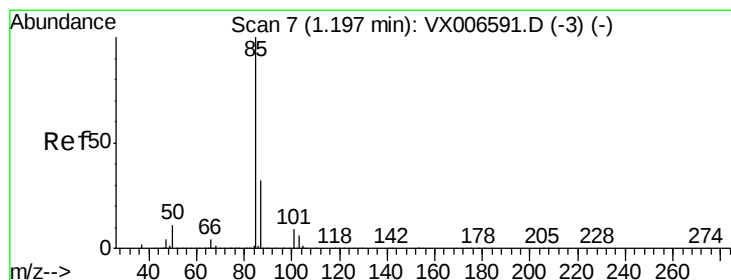
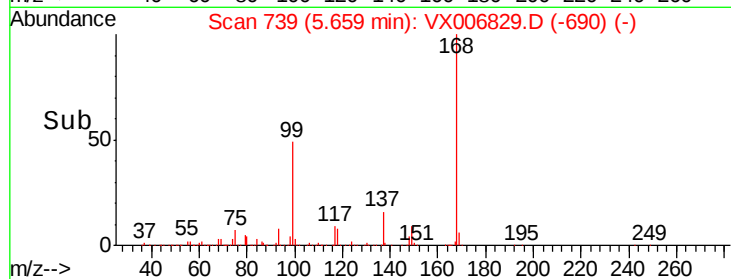
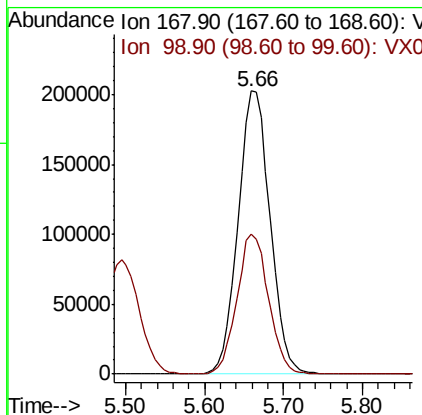
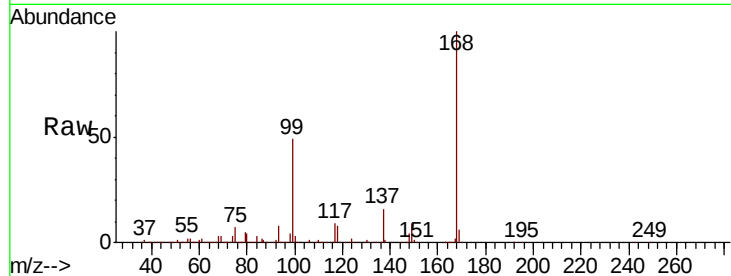
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.3	41.8	62.8

Manual Integrations
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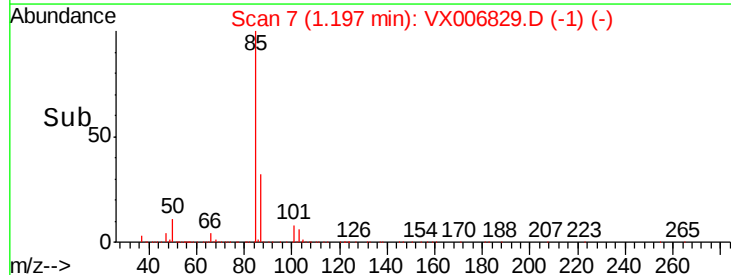
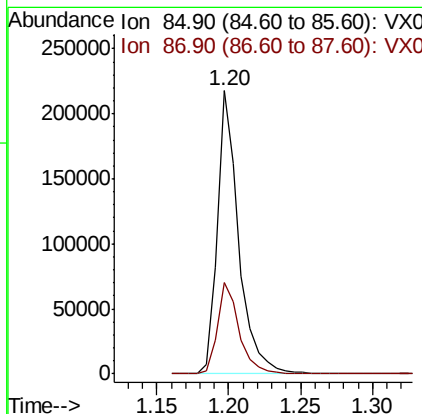
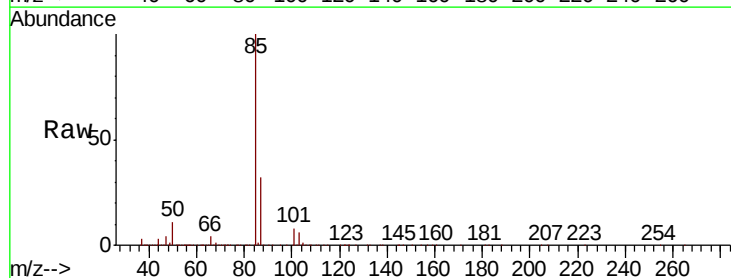
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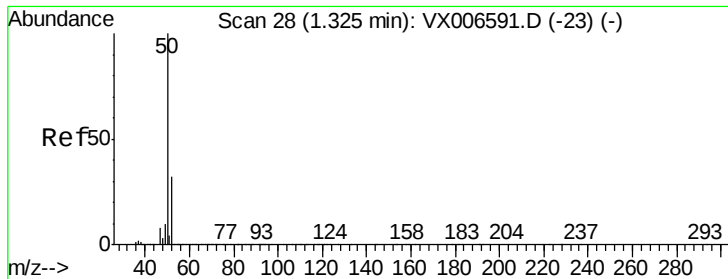


#2

Dichlorodifluoromethane
 Concen: 42.963 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.9	47.6





#3

Chloromethane

Concen: 43.596 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 245753

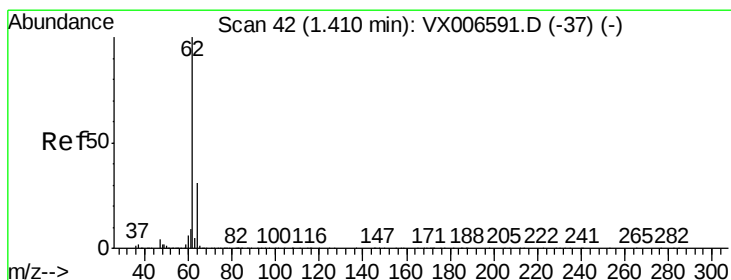
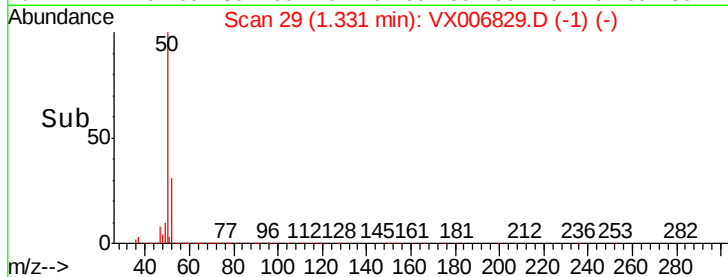
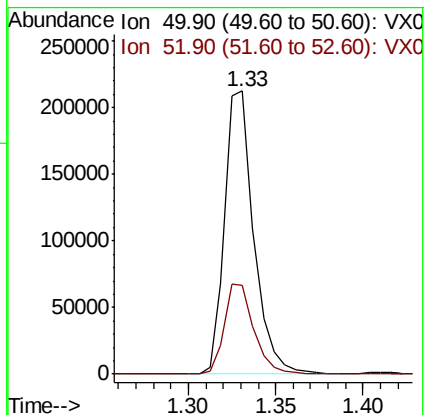
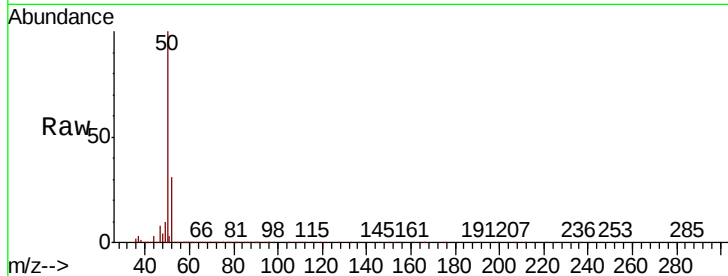
Ion Ratio Lower Upper

50 100

52 31.3 25.4 38.2

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#4

Vinyl Chloride

Concen: 45.912 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006829.D

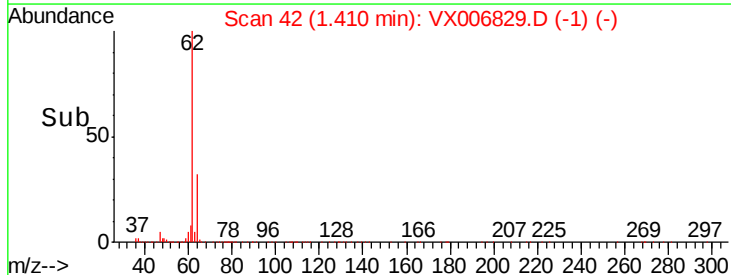
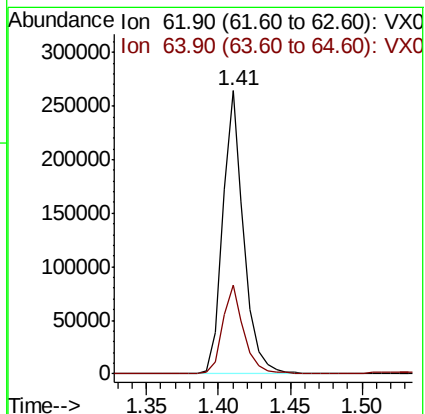
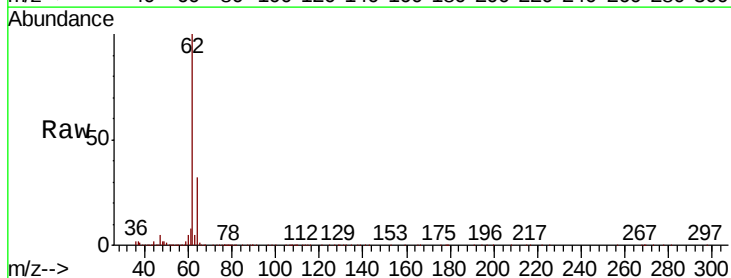
Acq: 26 Dec 2018 20:02

Tgt Ion: 62 Resp: 270298

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 39.247 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 217892

Ion Ratio Lower Upper

94 100

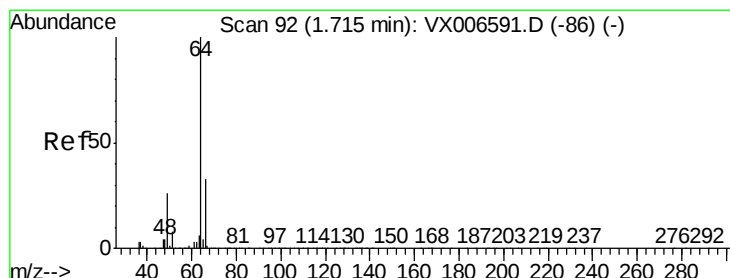
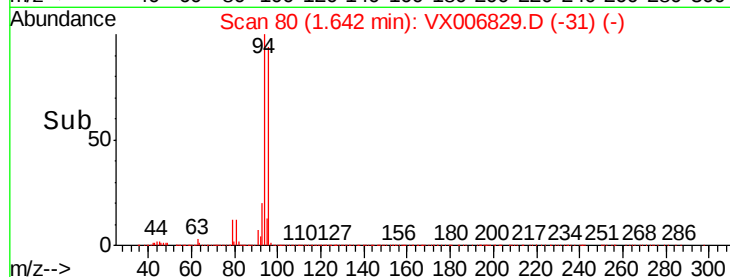
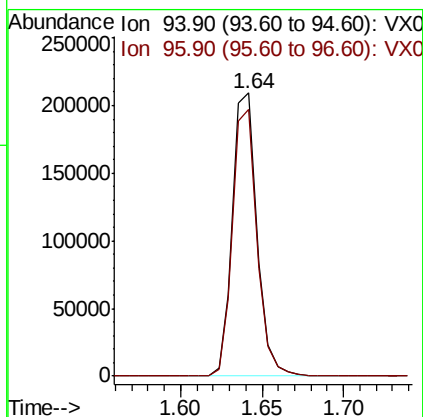
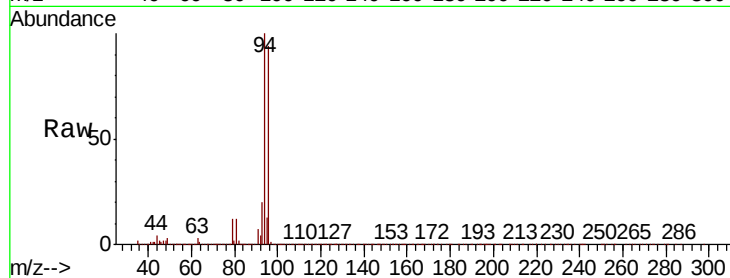
96 94.1 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 43.866 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006829.D

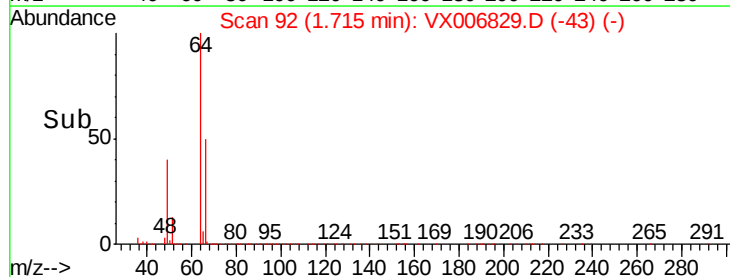
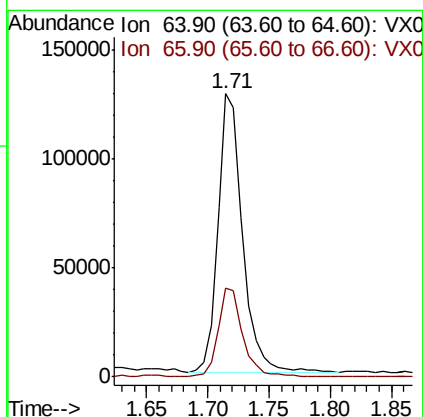
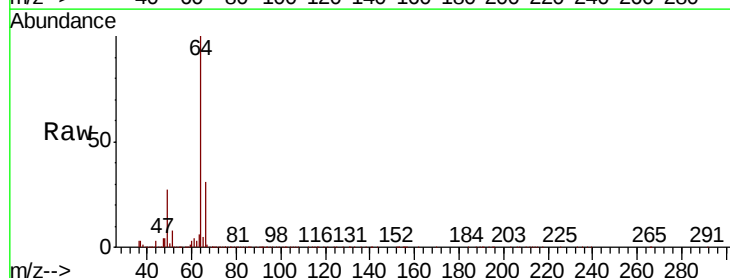
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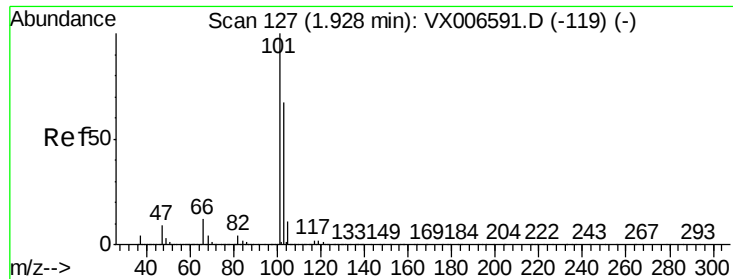
Tgt Ion: 64 Resp: 178819

Ion Ratio Lower Upper

64 100

66 31.6 26.4 39.6





#7

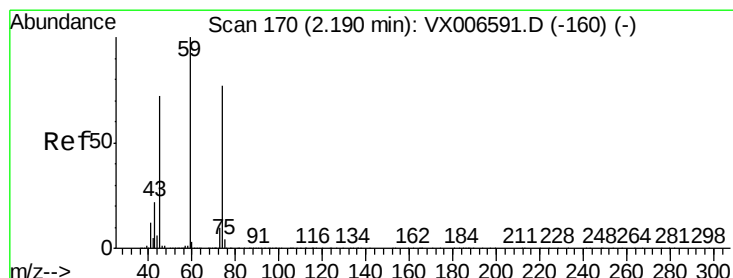
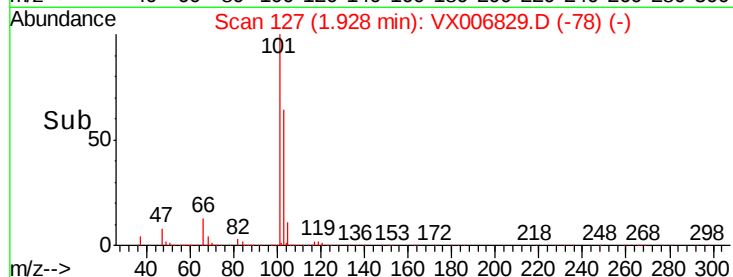
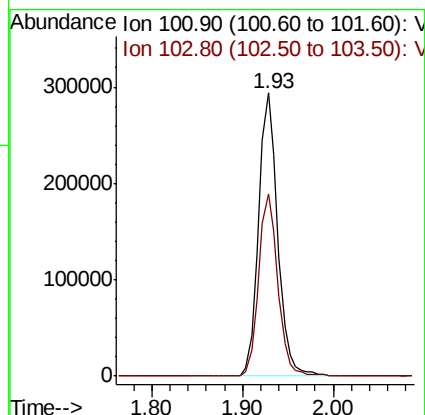
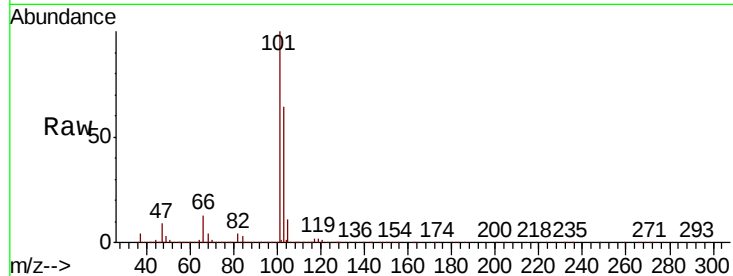
Trichlorofluoromethane
Concen: 46.838 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	53.2	79.8

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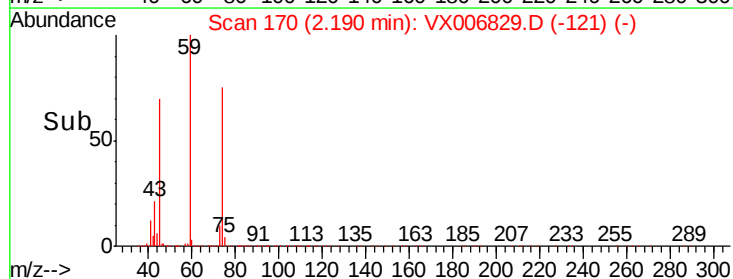
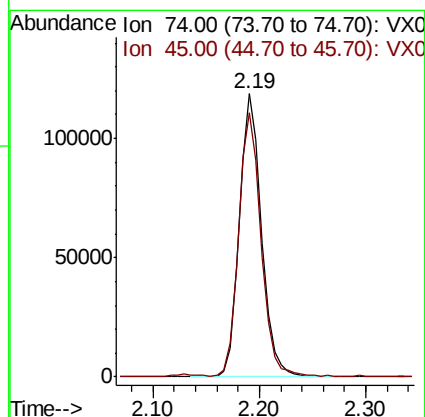
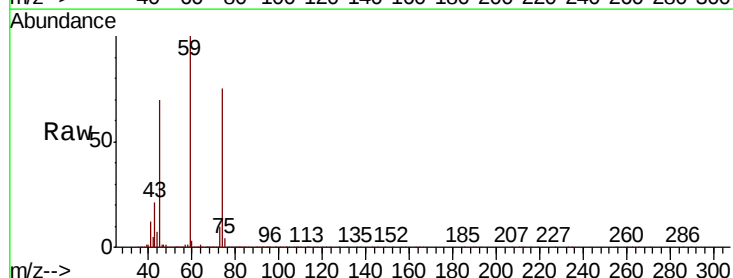
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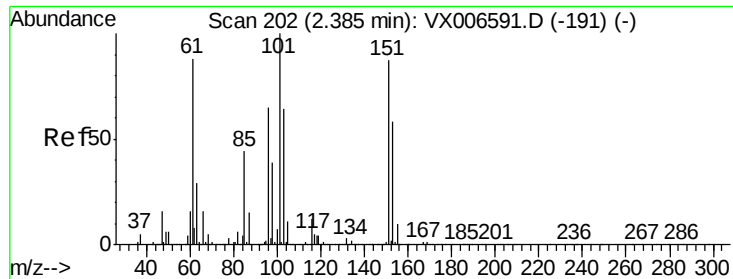


#8

Diethyl Ether
Concen: 47.425 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.588 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

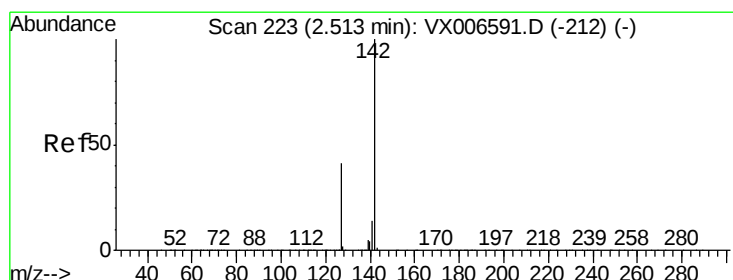
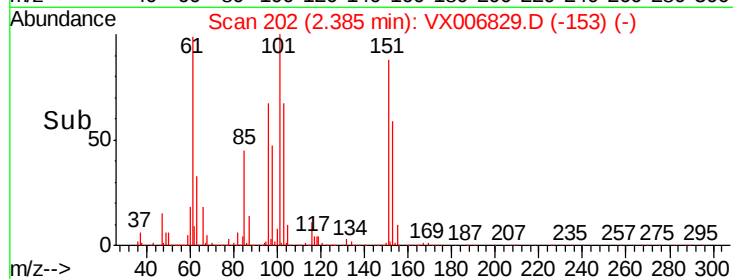
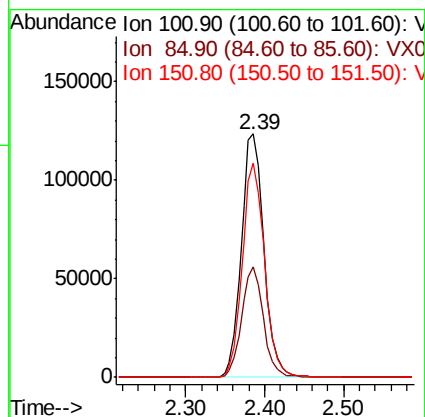
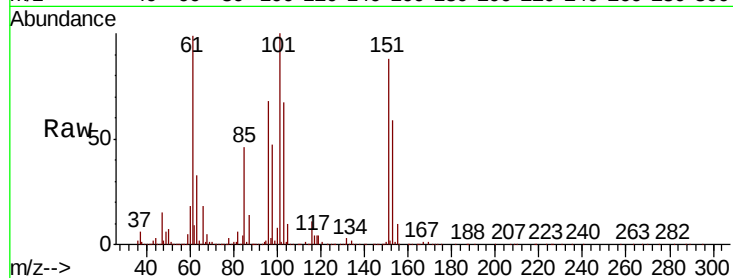
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	245691
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.1	52.7
151	86.9	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 41.746 ug/l

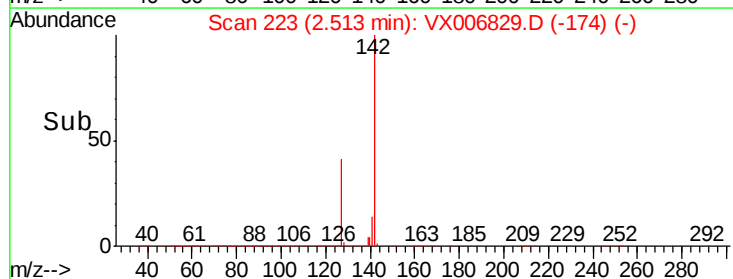
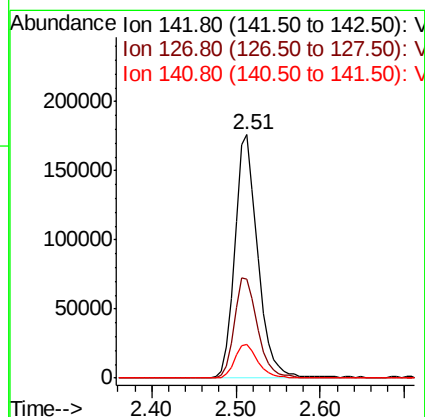
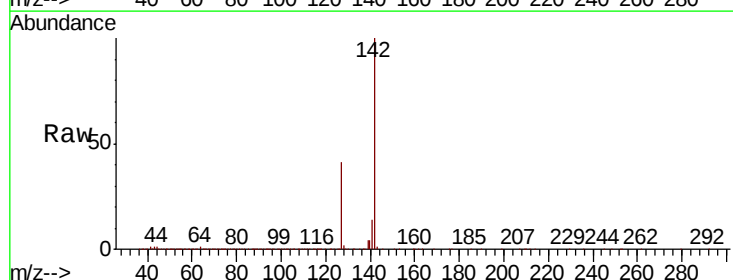
RT: 2.51 min Scan# 223

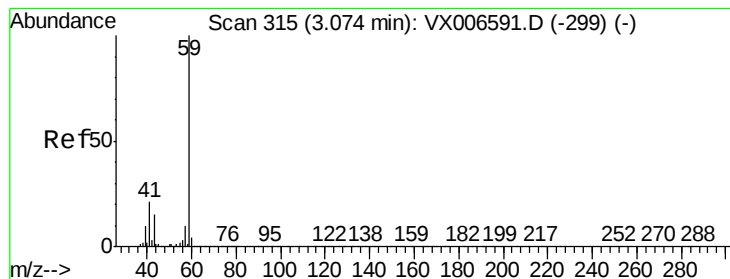
Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Tgt Ion:	142	Resp:	322057
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.9	50.9
141	14.2	11.4	17.0





#11

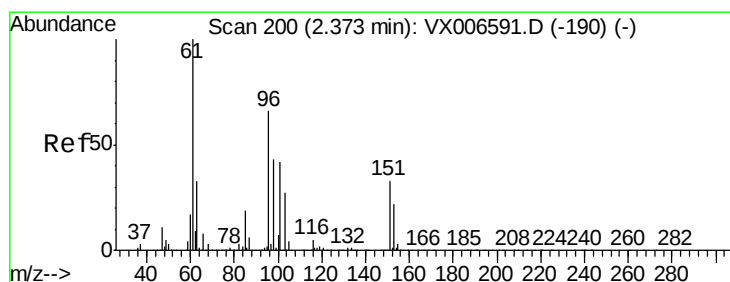
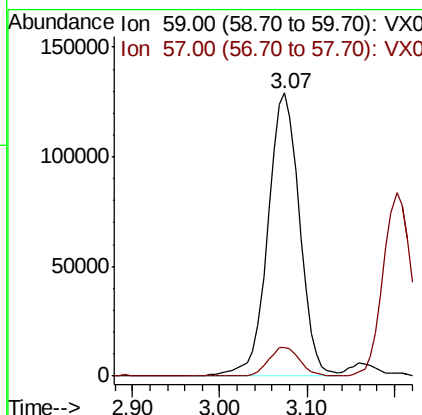
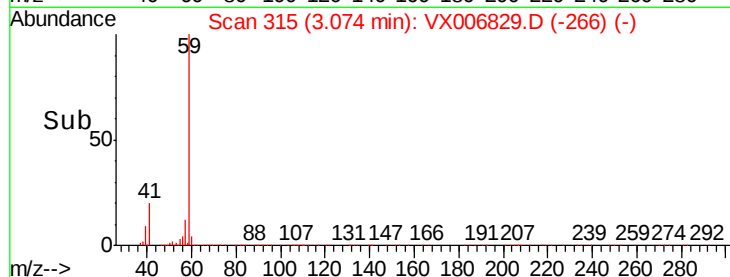
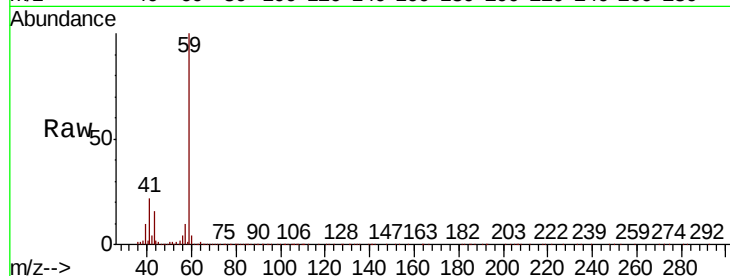
Tert butyl alcohol
Concen: 236.136 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.5	12.7

Manual Integrations
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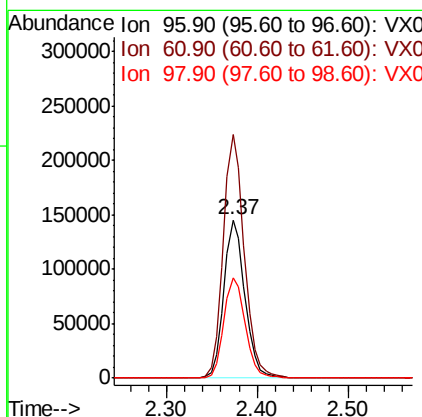
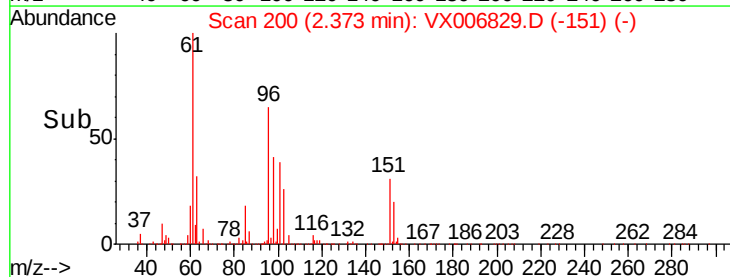
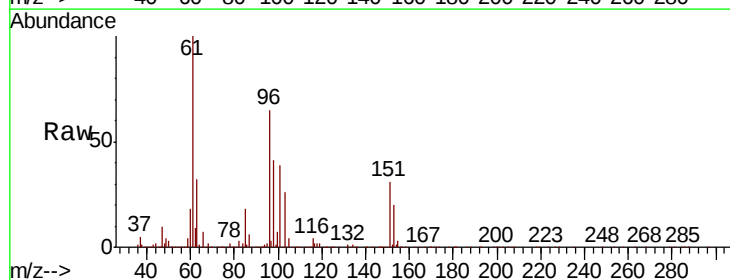
MMDadoda
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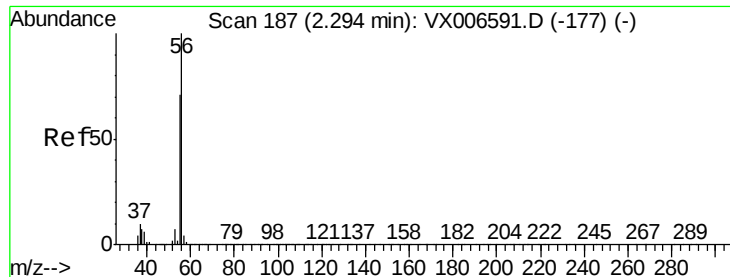


#12

1,1-Dichloroethene
Concen: 45.685 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.1	121.4	182.2
98	63.4	51.9	77.9





#13

Acrolein

Concen: 244.648 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 227043

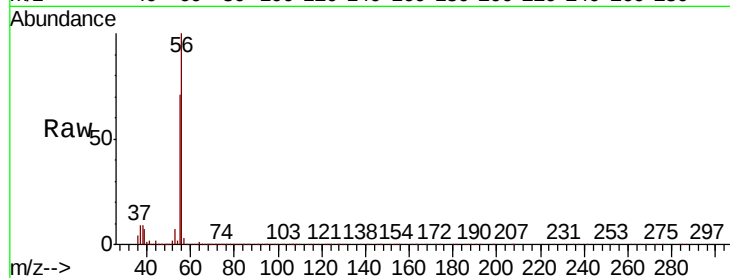
Ion Ratio Lower Upper

56 100

55 70.9 58.2 87.4

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

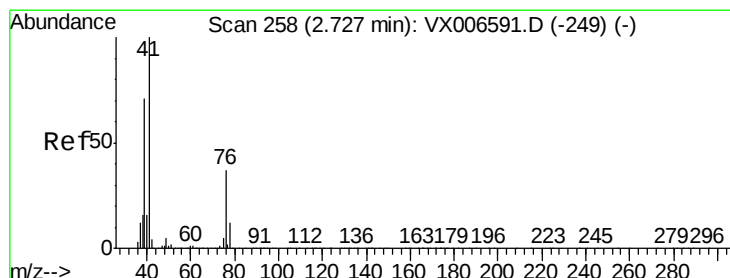
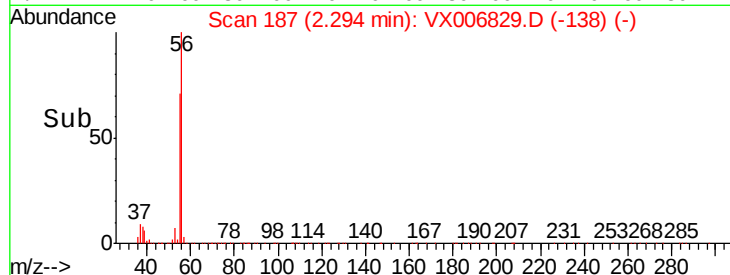
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 48.894 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

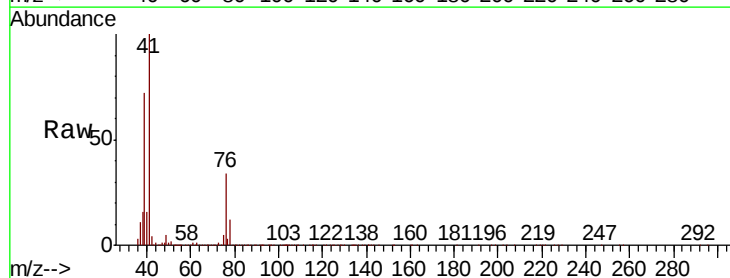
Tgt Ion: 41 Resp: 420568

Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 32.8 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

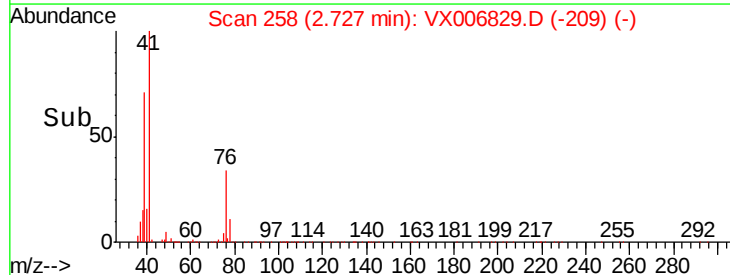
300000

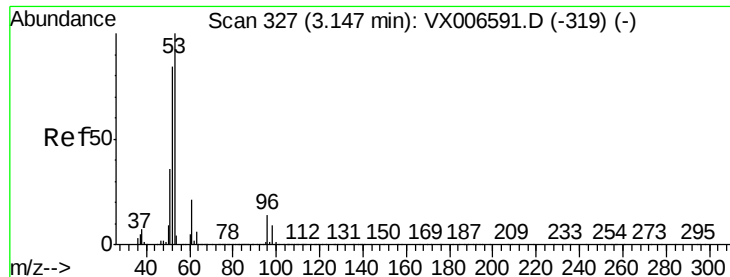
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 254.308 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

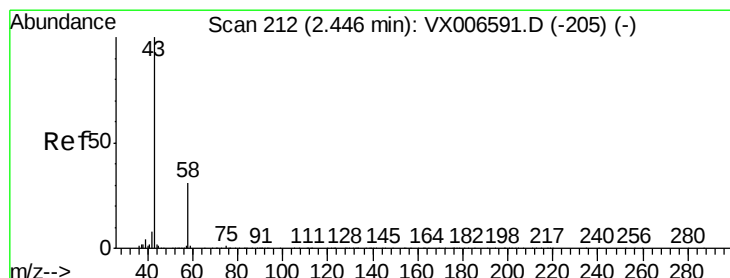
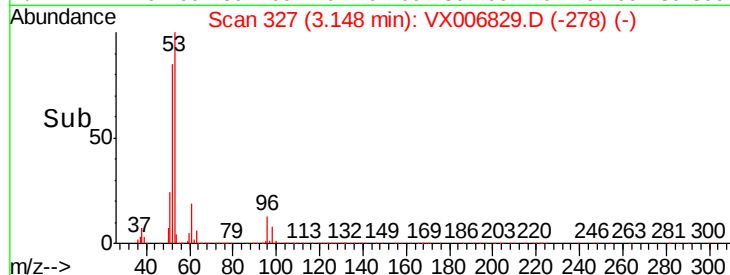
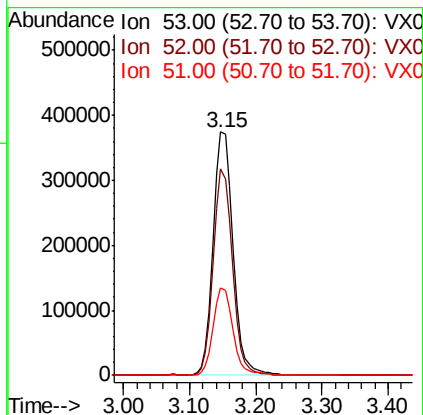
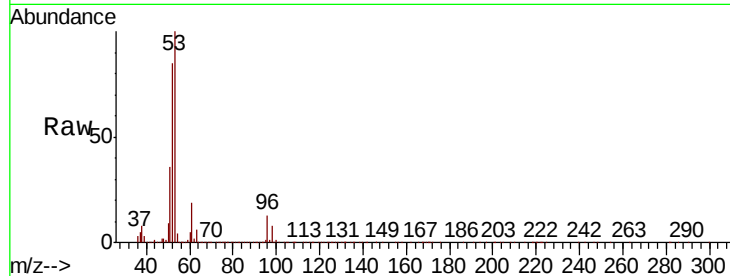
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	776765
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.0	99.0
51	35.6	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 221.970 ug/l

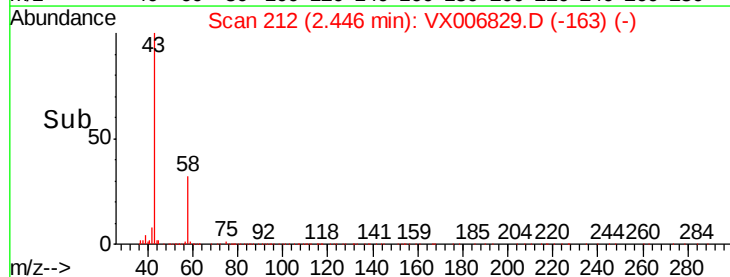
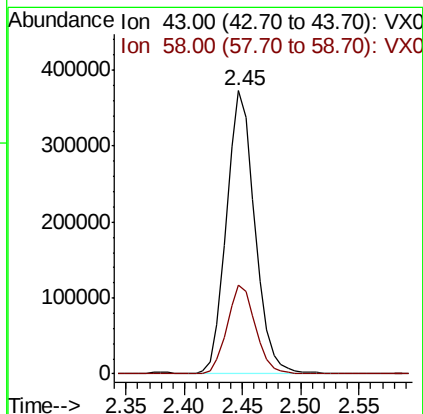
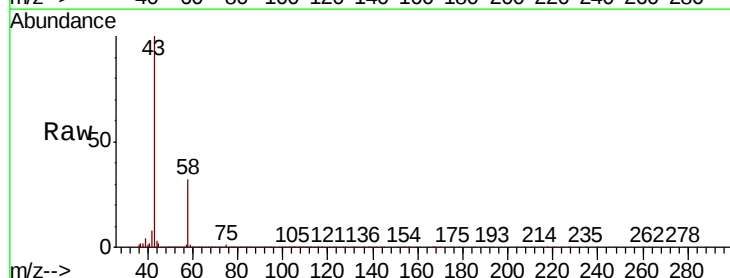
RT: 2.45 min Scan# 212

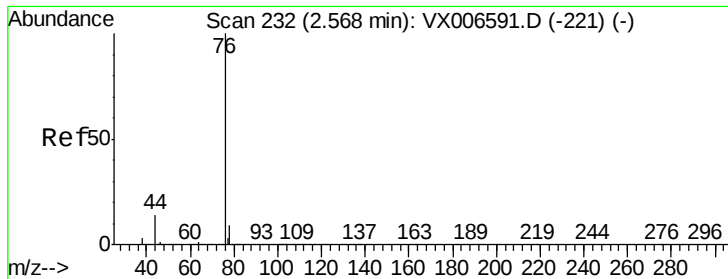
Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Tgt Ion:	43	Resp:	628624
Ion Ratio	Lower	Upper	
43	100		
58	31.5	25.0	37.6





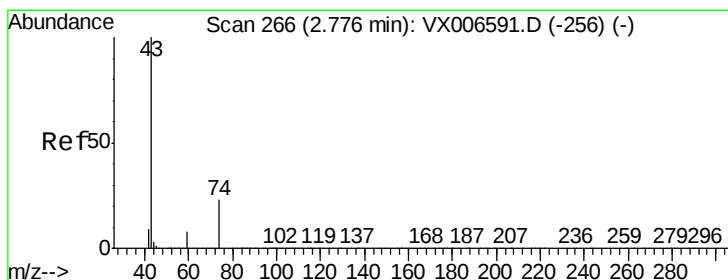
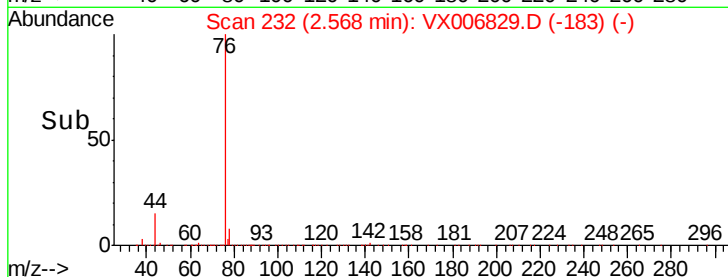
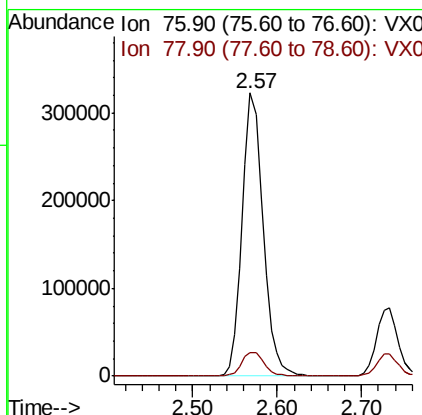
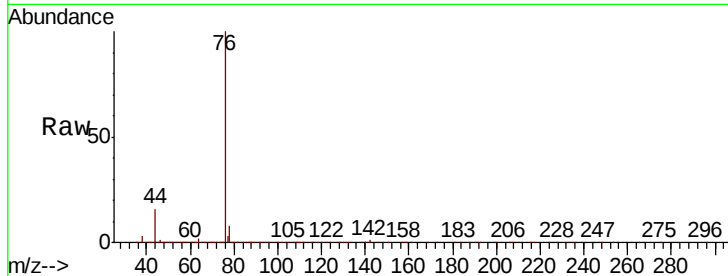
#17
Carbon Disulfide
Concen: 39.861 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.0	10.6

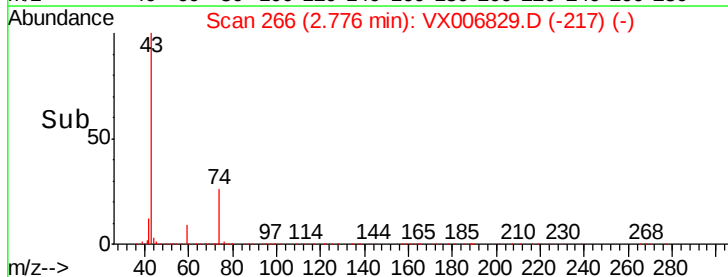
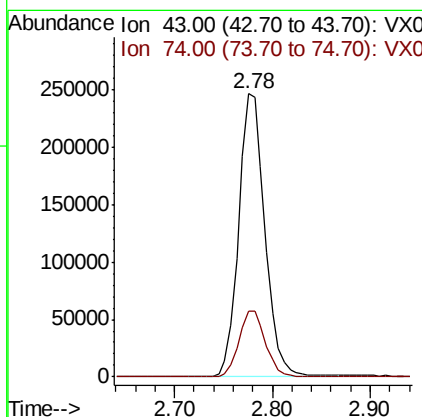
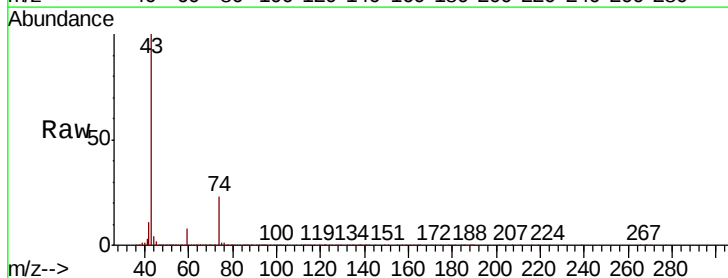
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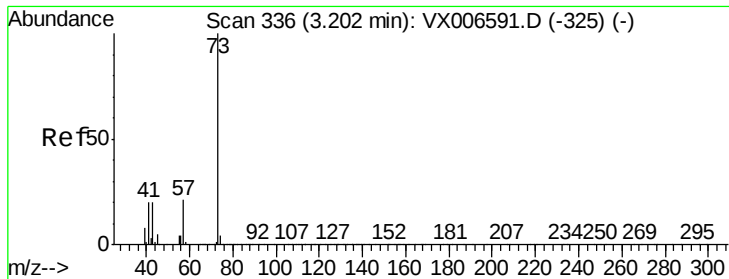
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#18
Methyl Acetate
Concen: 54.654 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.6	28.0





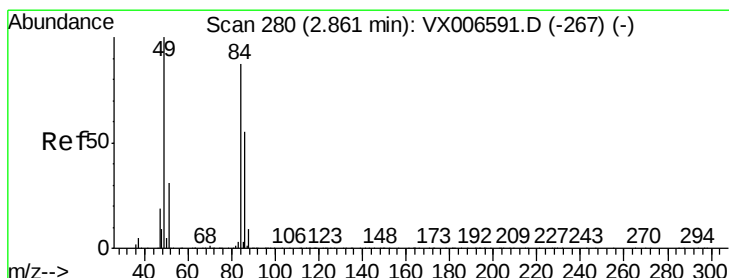
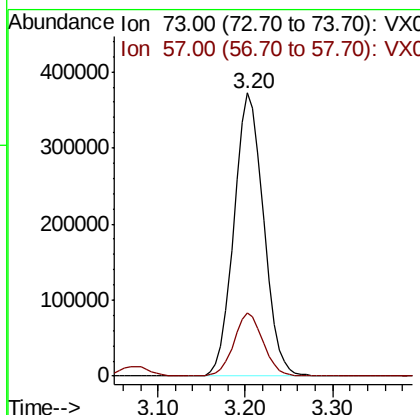
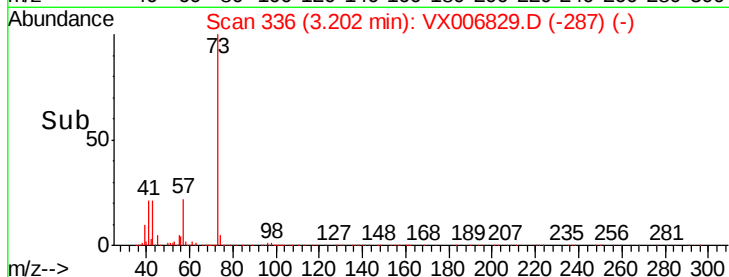
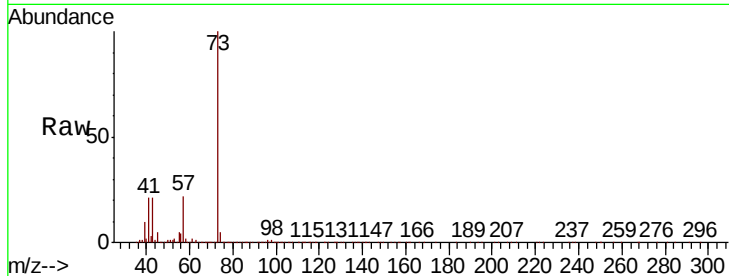
#19
Methvl tert-butvl Ether
Concen: 51.602 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	16.8	25.2

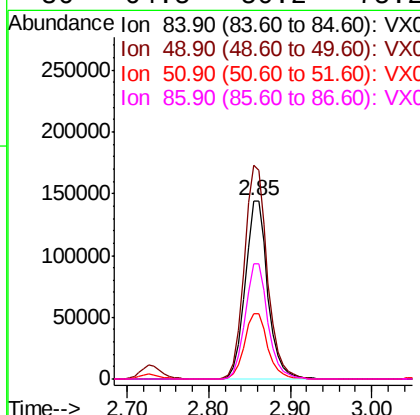
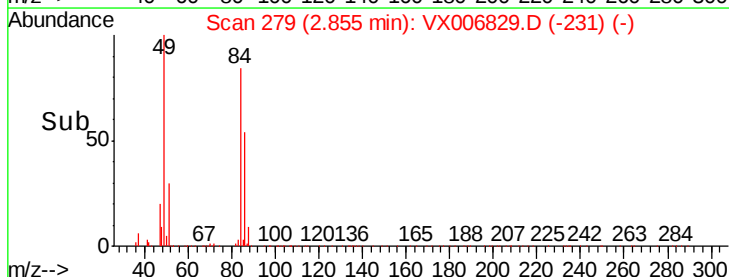
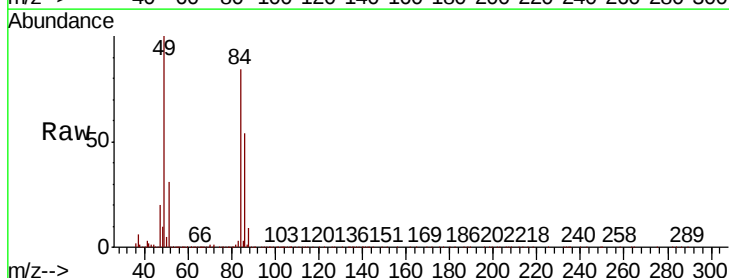
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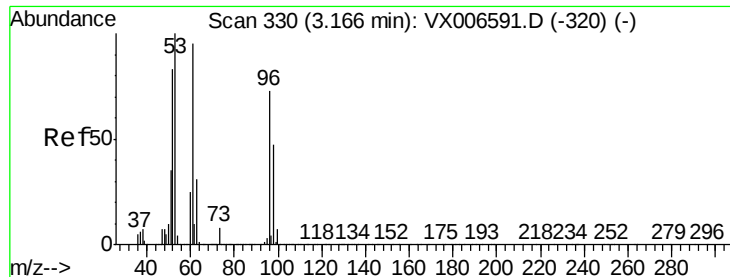
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#20
Methylene Chloride
Concen: 47.280 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.5	91.8	137.6
51	36.4	28.5	42.7
86	64.5	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 45.039 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

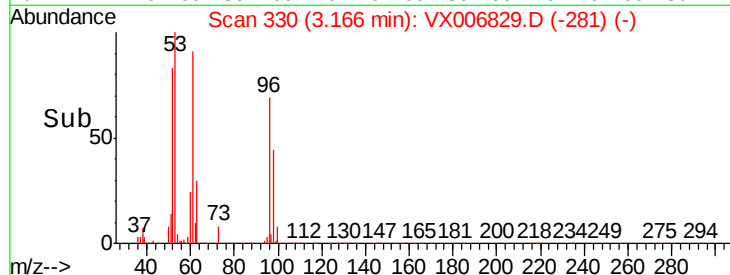
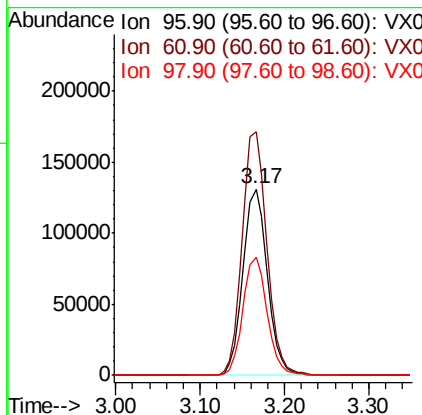
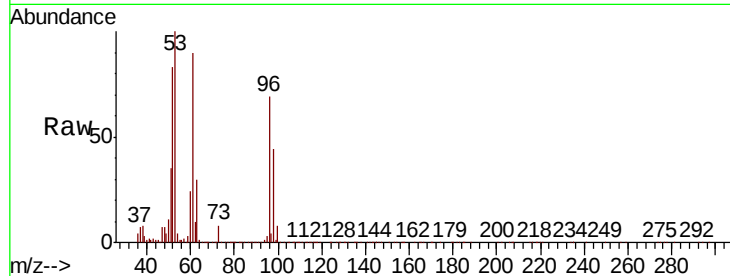
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	255012
Ion Ratio	Lower	Upper	
96	100		
61	130.8	103.7	155.5
98	63.5	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.706 ug/l

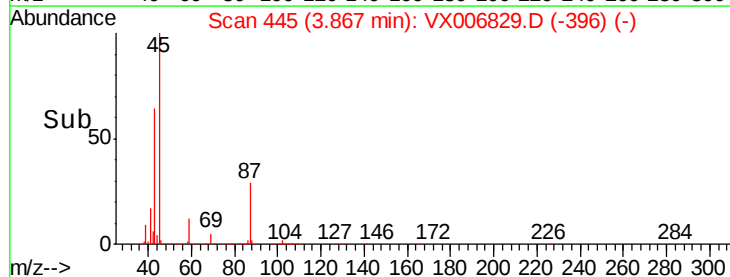
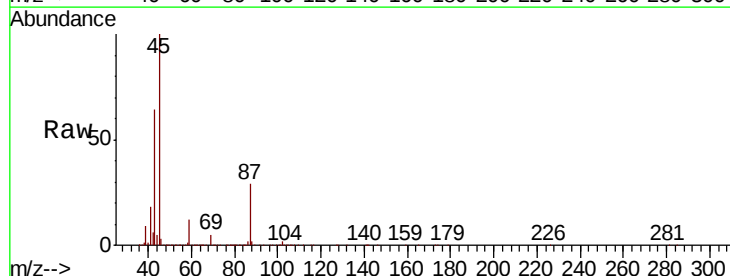
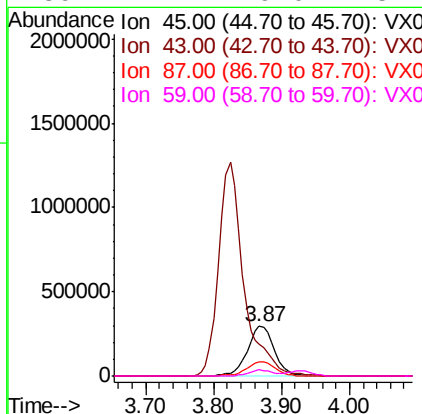
RT: 3.87 min Scan# 445

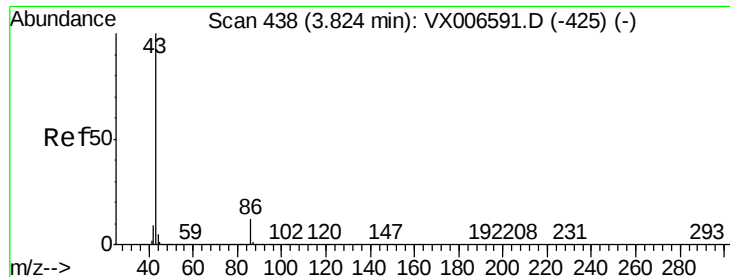
Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Tgt Ion:	45	Resp:	813655
Ion Ratio	Lower	Upper	
45	100		
43	64.0	51.2	76.8
87	29.1	25.8	38.6
59	12.2	9.0	13.4





#23

Vinyl Acetate

Concen: 254.232 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3272384

Ion Ratio Lower Upper

43 100

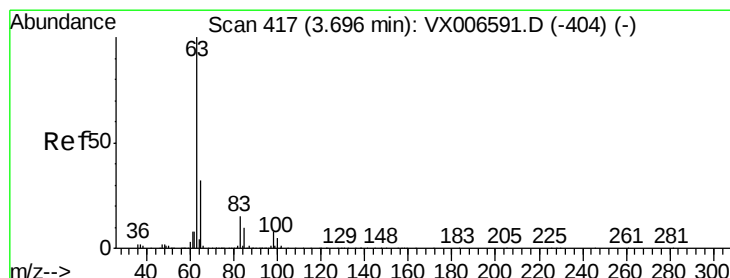
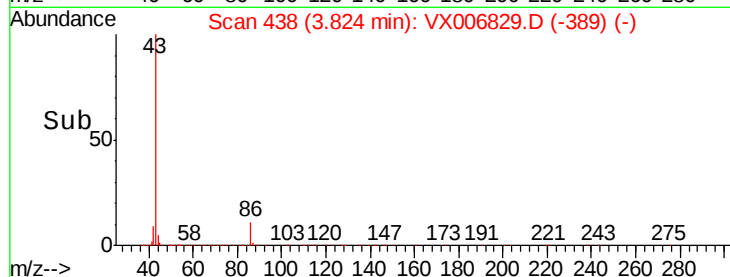
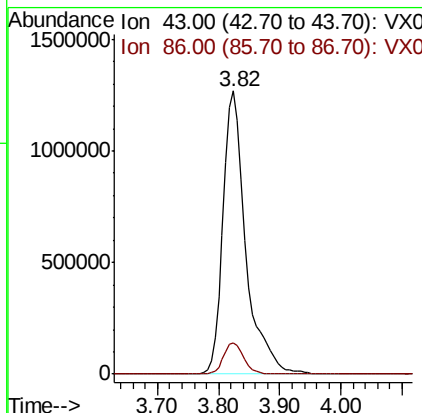
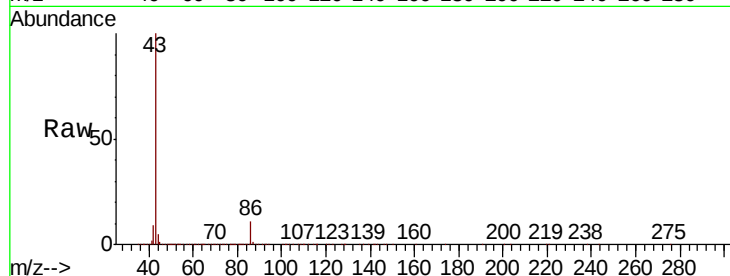
86 11.2 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 47.686 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

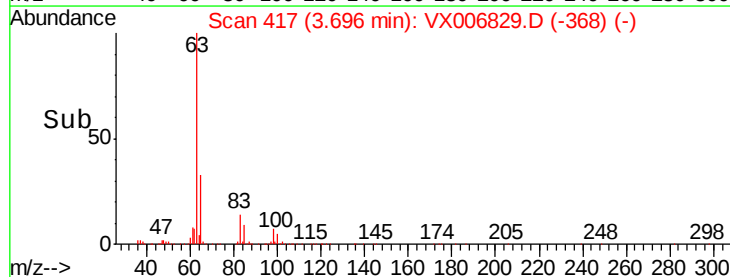
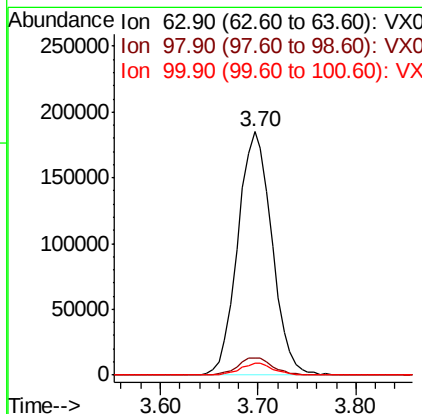
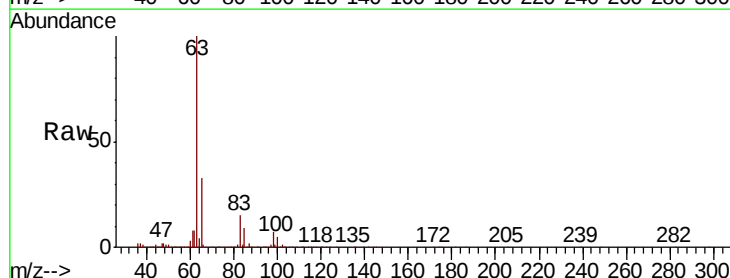
Tgt Ion: 63 Resp: 447954

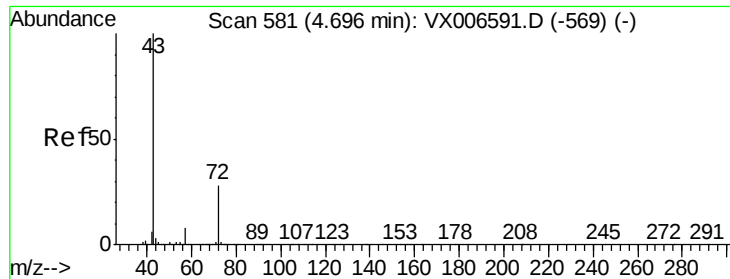
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 240.064 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 956314

Ion Ratio Lower Upper

43 100

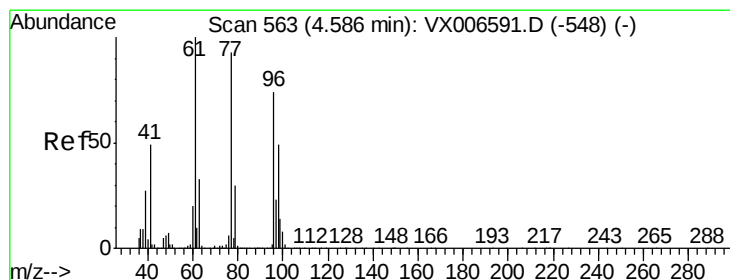
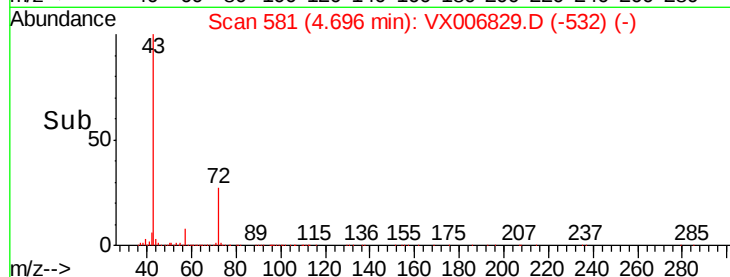
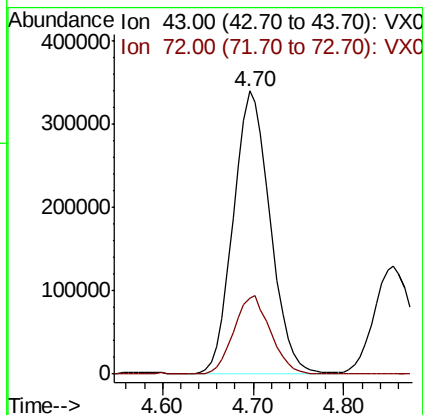
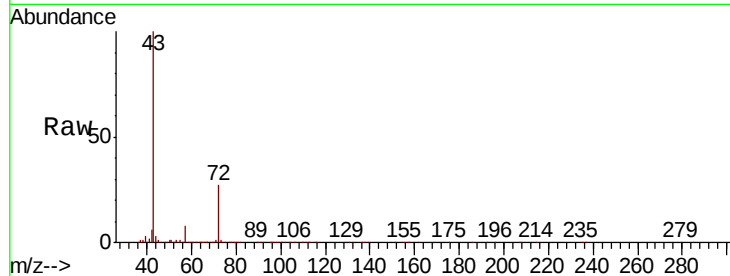
72 27.0 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.220 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006829.D

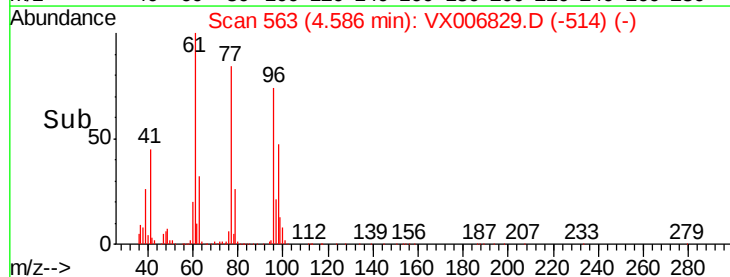
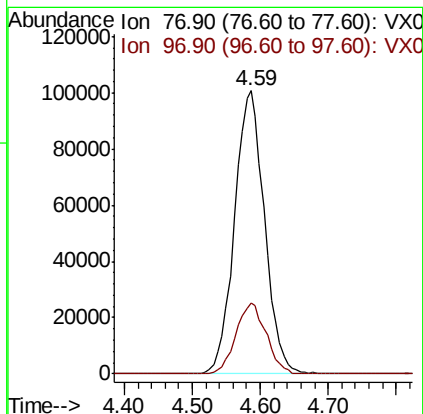
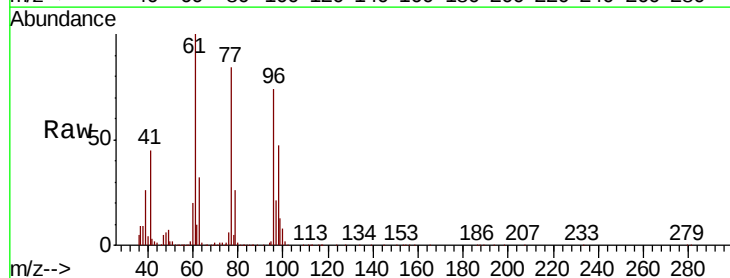
Acq: 26 Dec 2018 20:02

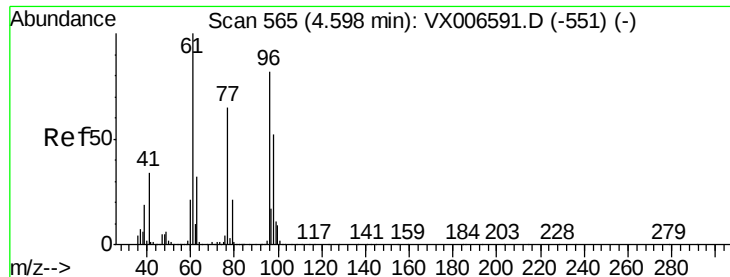
Tgt Ion: 77 Resp: 306364

Ion Ratio Lower Upper

77 100

97 25.5 12.4 37.4





#27

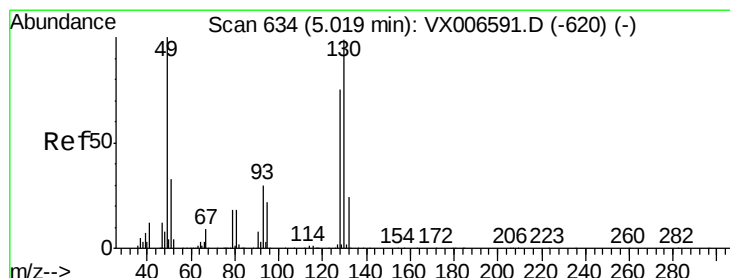
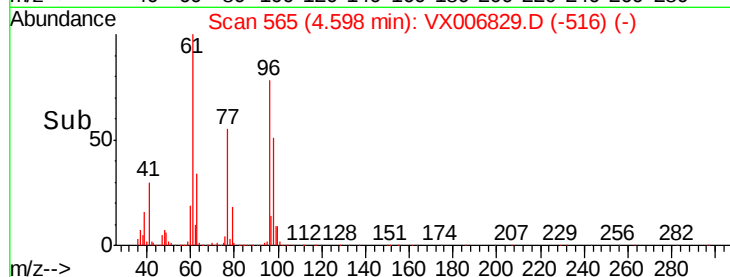
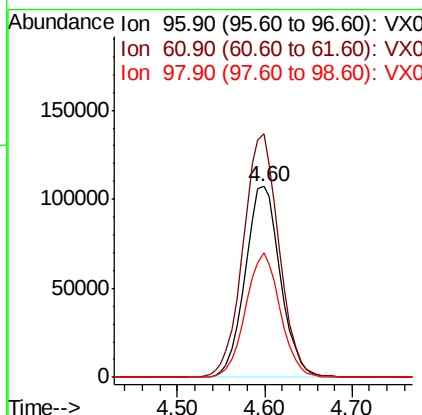
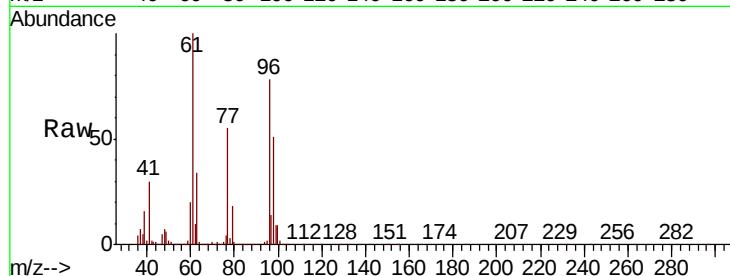
cis-1,2-Dichloroethene
Concen: 47.749 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	298289		
61	129.9	0.0	258.6	
98	64.4	0.0	132.0	

Manual Integrations
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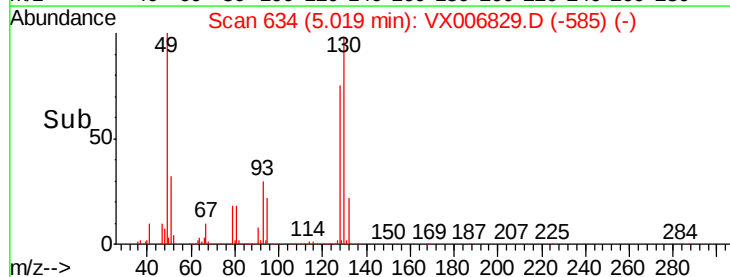
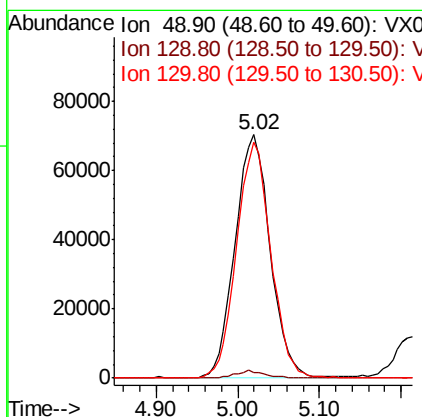
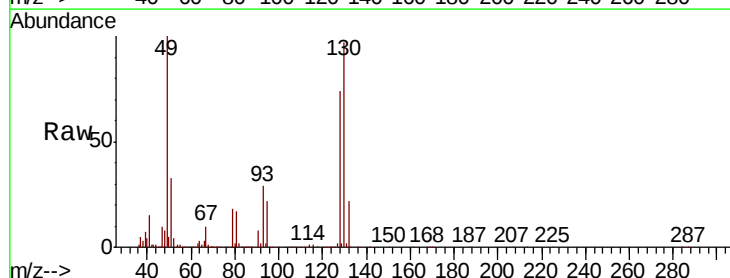
MMDadoda
12/27/2018 9:40:49 AM

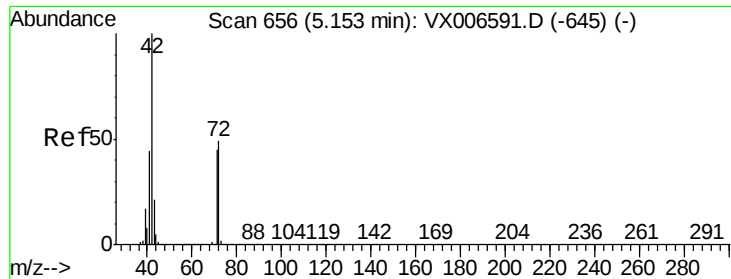


#28

Bromochloromethane
Concen: 53.046 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	209608		
129	2.7	0.0	5.4	
130	94.7	77.7	116.5	





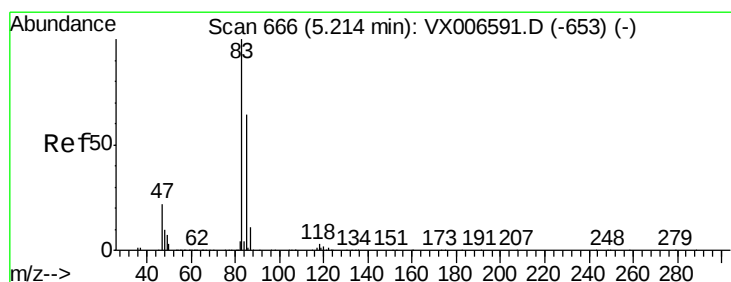
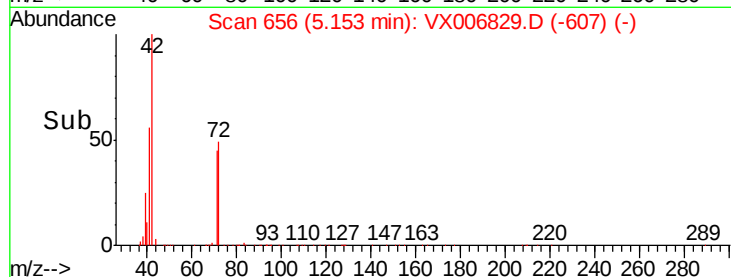
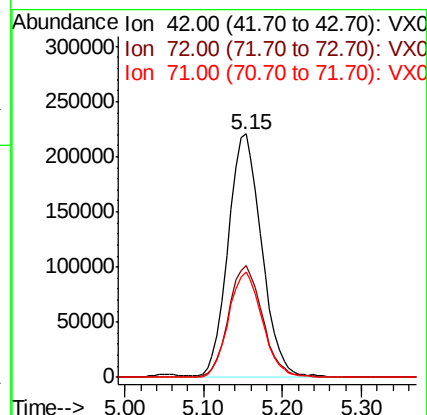
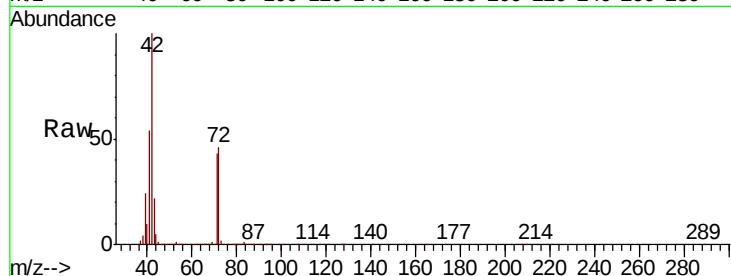
#29
Tetrahydrofuran
Concen: 247.709 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	38.9	58.3
71	43.6	36.2	54.4

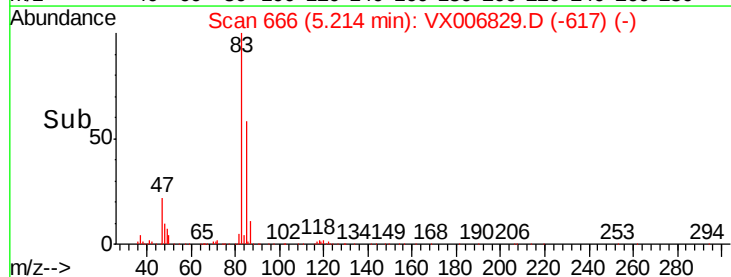
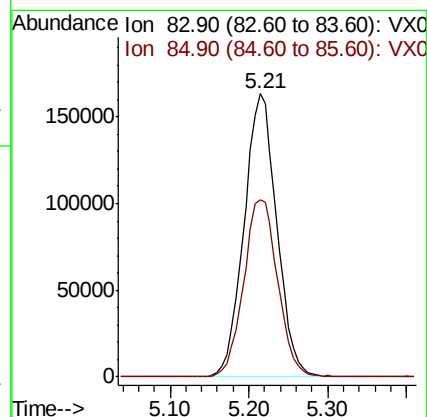
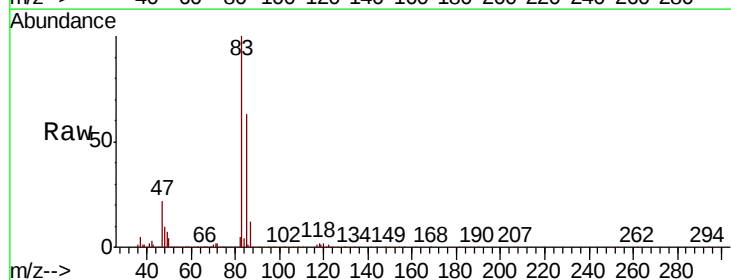
Manual Integrations
APPROVED

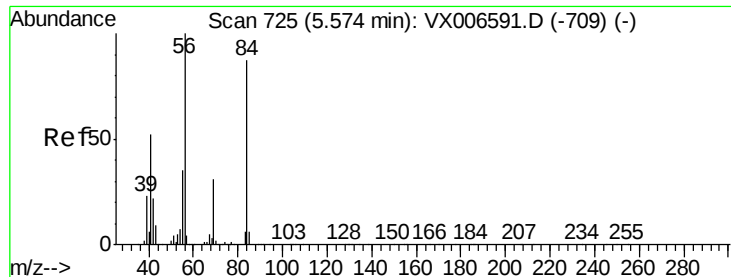
MMDadoda
12/27/2018 9:40:49 AM



#30
Chloroform
Concen: 48.466 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.2	76.8





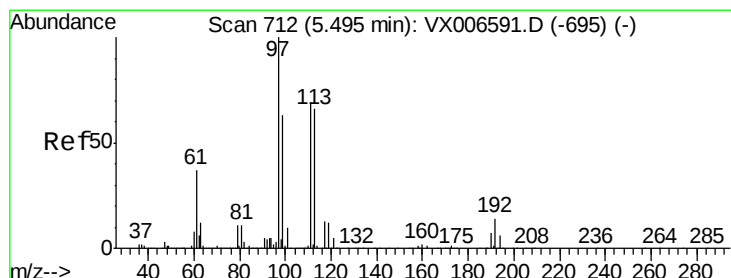
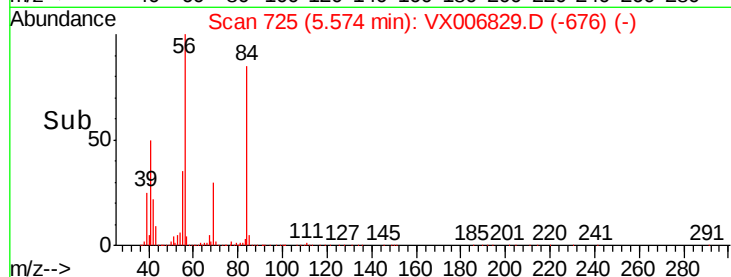
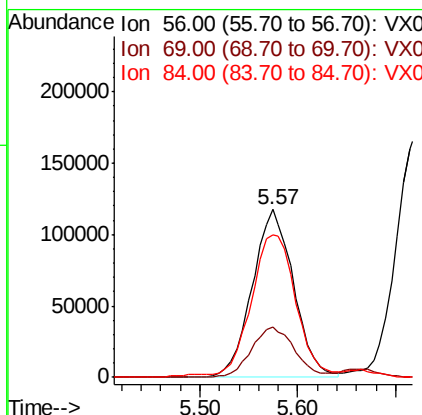
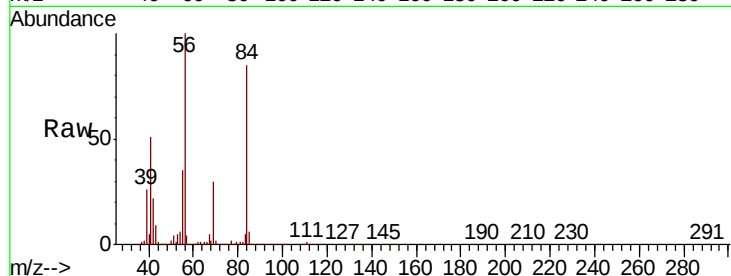
#31
Cyclohexane
Concen: 40.391 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.4	36.6
84	83.4	70.0	105.0

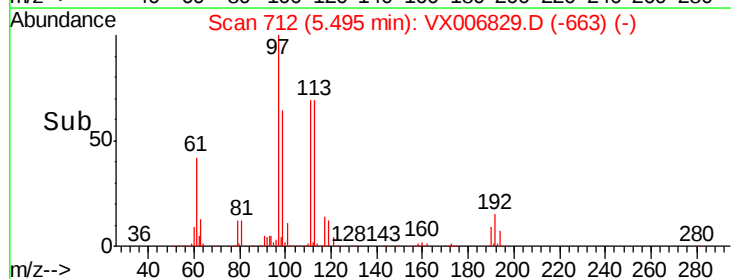
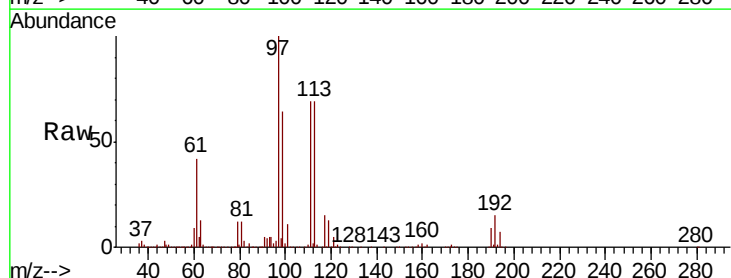
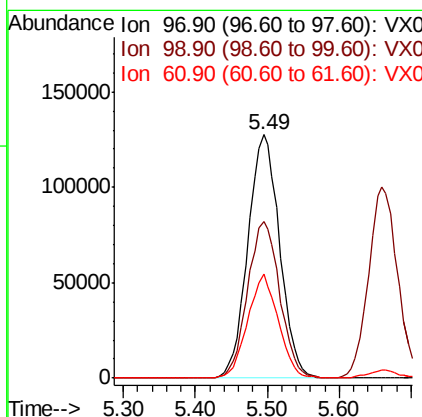
Manual Integrations
APPROVED

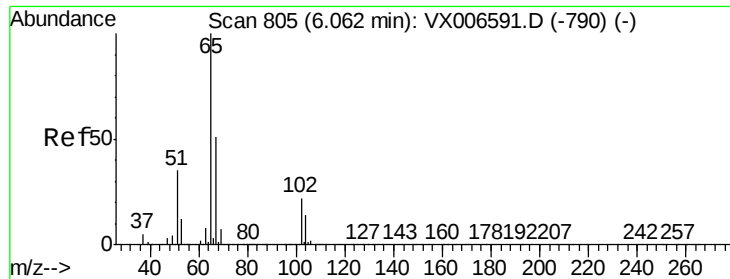
MMDadoda
12/27/2018 9:40:49 AM



#32
1,1,1-Trichloroethane
Concen: 47.514 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.7	77.5
61	41.1	31.3	46.9





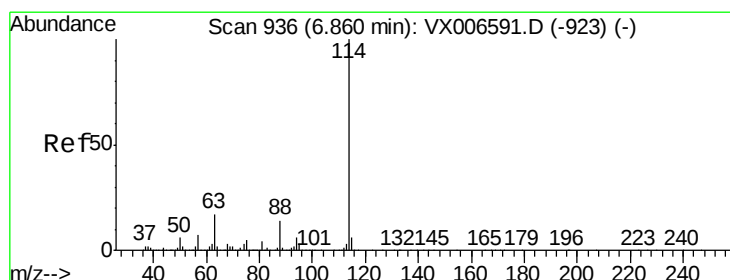
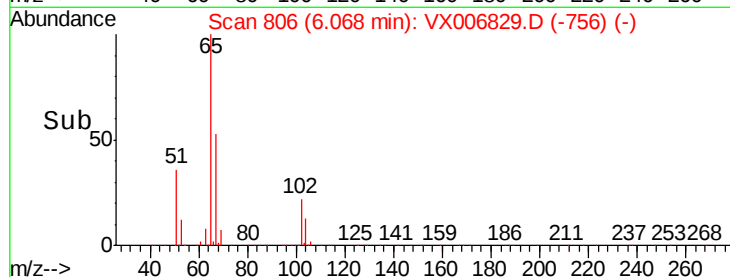
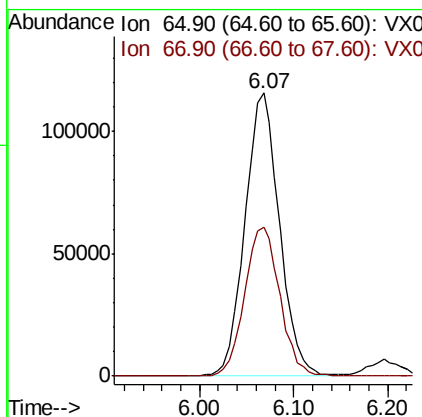
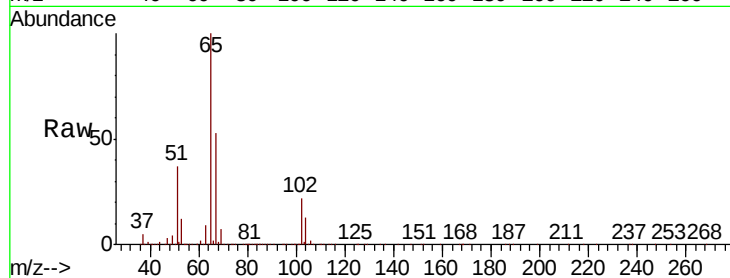
#33
 1,2-Dichloroethane-d4
 Concen: 48.054 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	296215		
67	54.0	0.0	105.0	

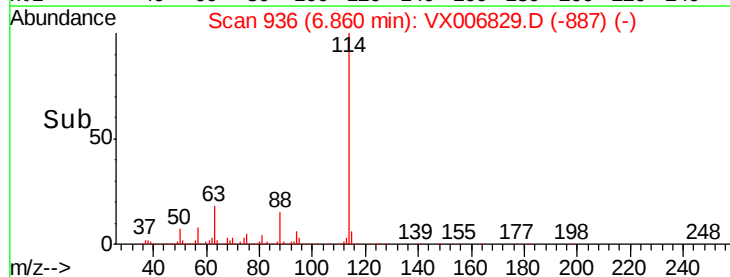
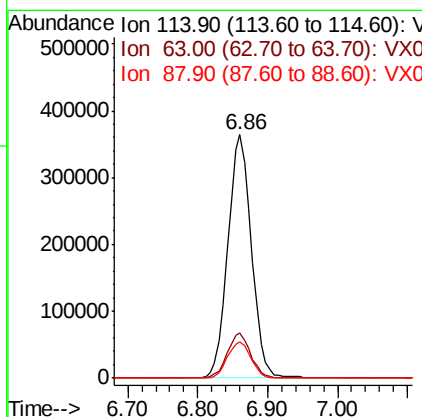
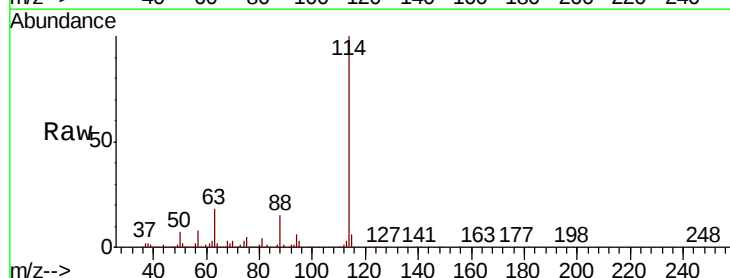
Manual Integrations
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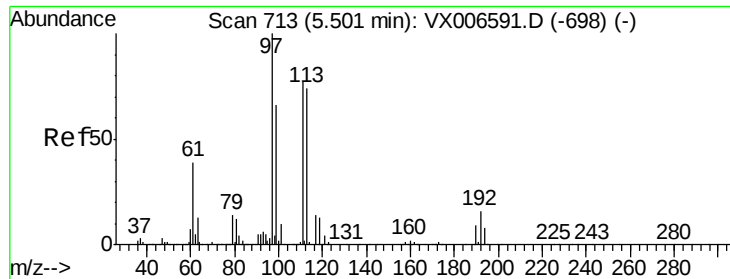
MMDadoda
 12/27/2018 9:40:49 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	851090		
63	18.4	0.0	34.8	
88	14.8	0.0	28.8	





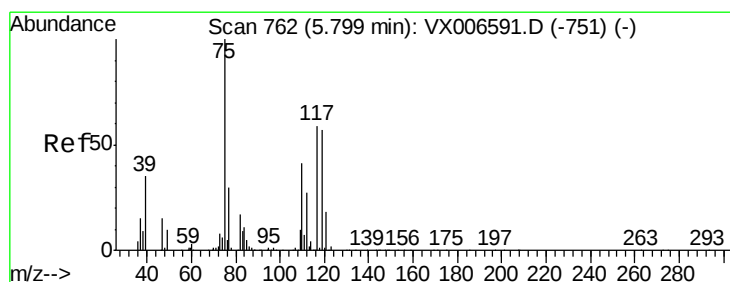
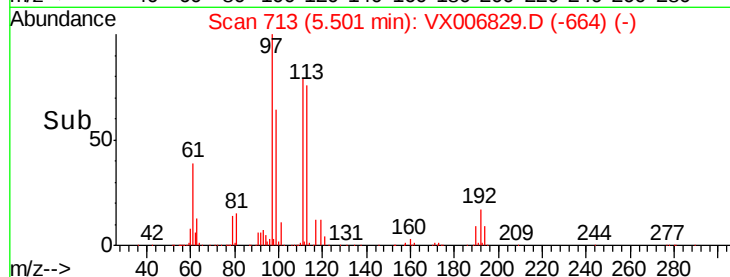
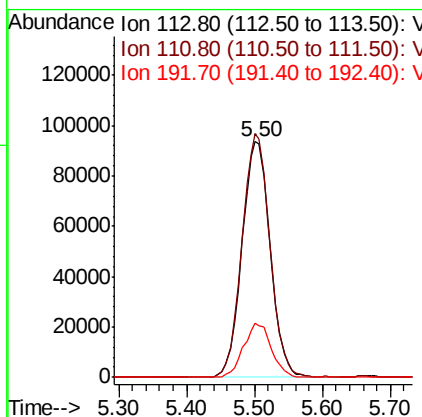
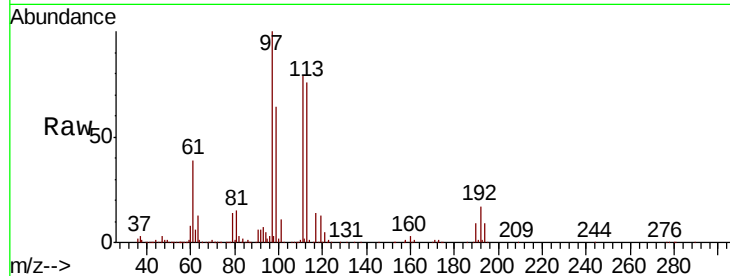
#35
Dibromofluoromethane
Concen: 50.225 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.6	122.4
192	22.5	16.7	25.1

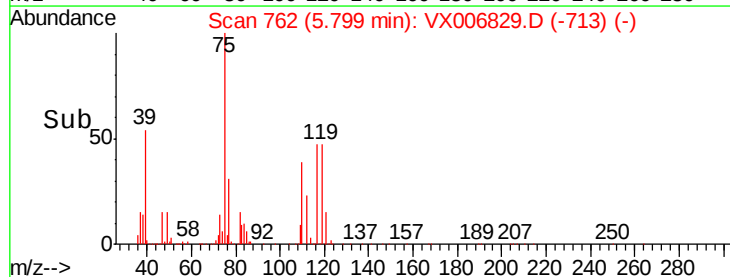
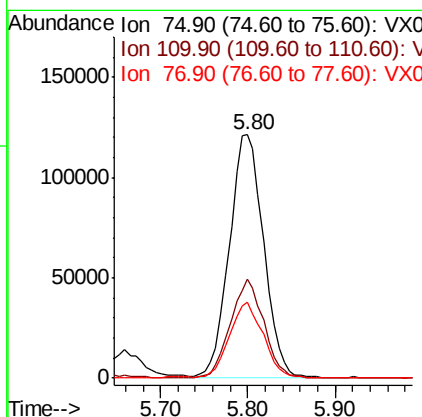
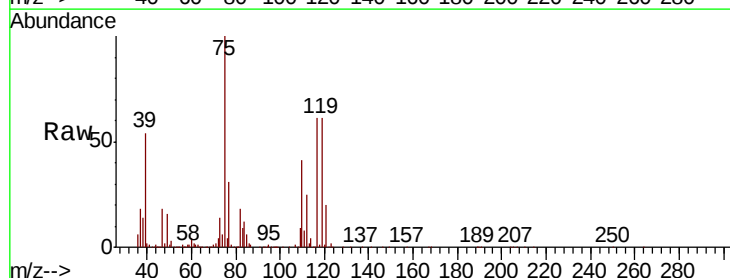
Manual Integrations
APPROVED

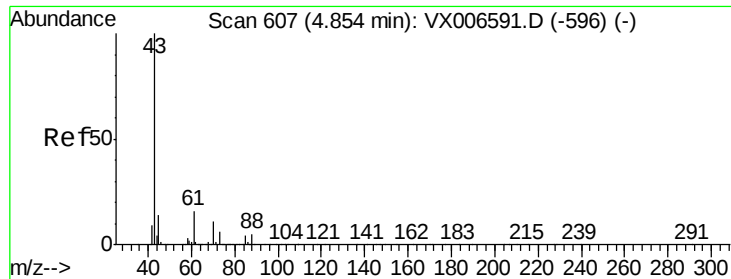
MMDadoda
12/27/2018 9:40:49 AM



#36
1,1-Dichloropropene
Concen: 46.787 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.6	20.2	60.5
77	30.4	24.8	37.2





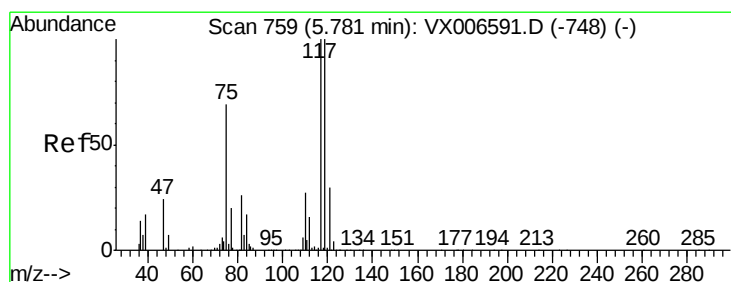
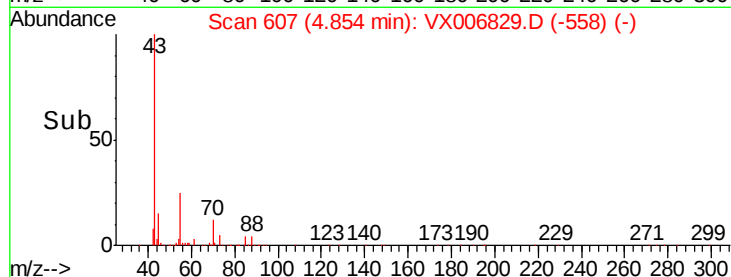
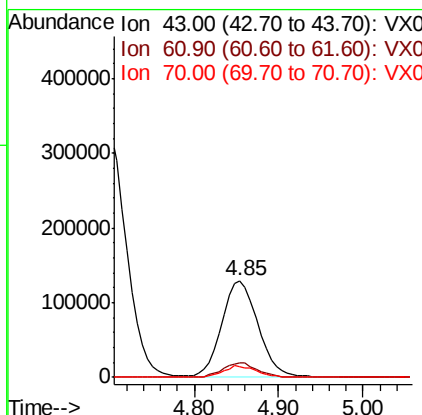
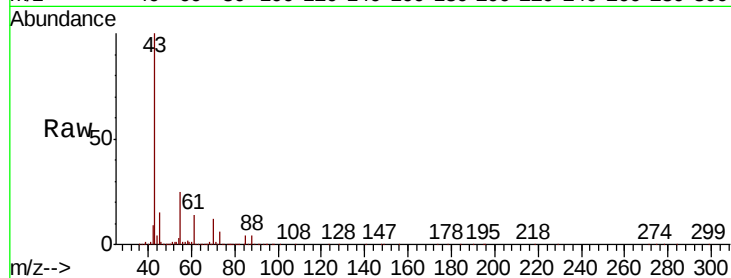
#37
Ethyl Acetate
Concen: 51.544 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	378165
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.9	17.9
70	11.3	9.7	14.5

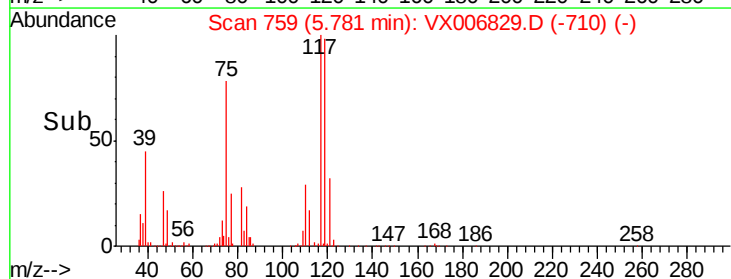
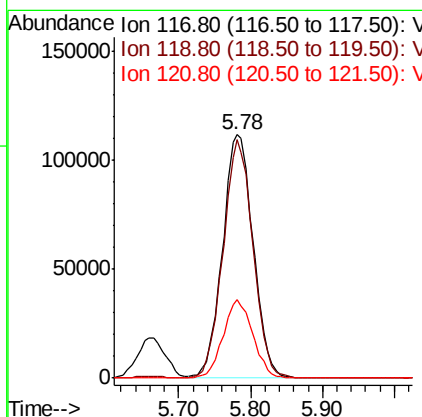
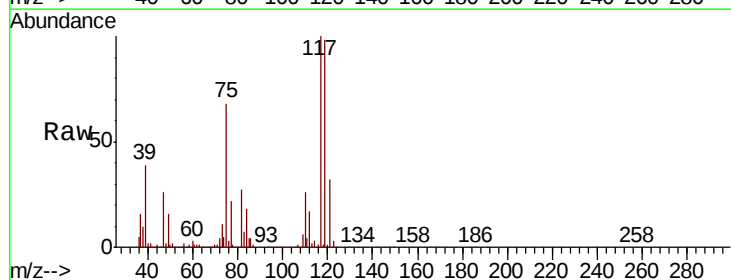
Manual Integrations
APPROVED

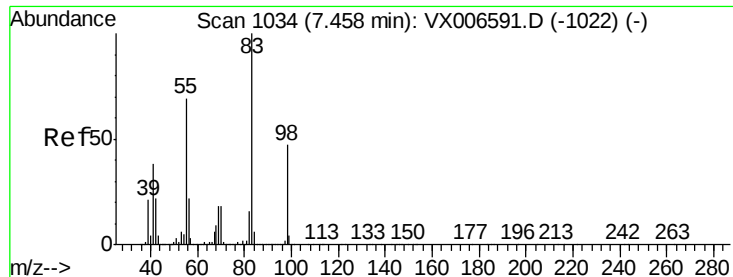
MMDadoda
12/27/2018 9:40:49 AM



#38
Carbon Tetrachloride
Concen: 48.099 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	117	Resp	329504
Ion Ratio	Lower	Upper	
117	100		
119	98.0	79.4	119.2
121	32.1	24.0	36.0





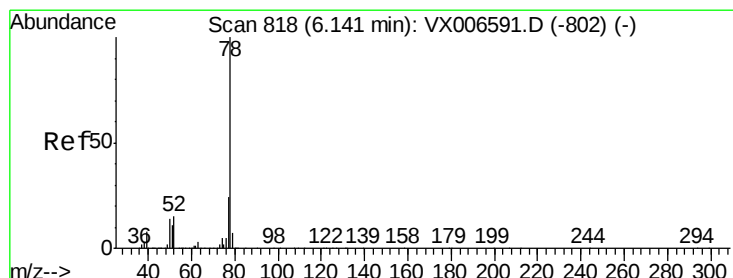
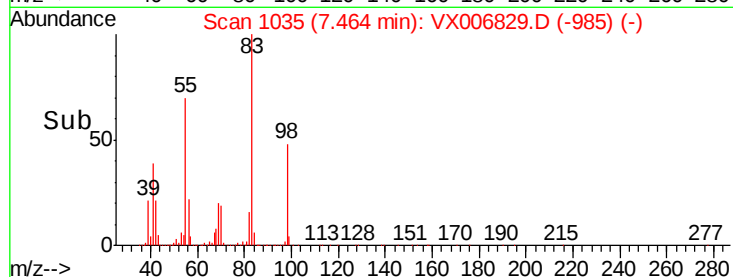
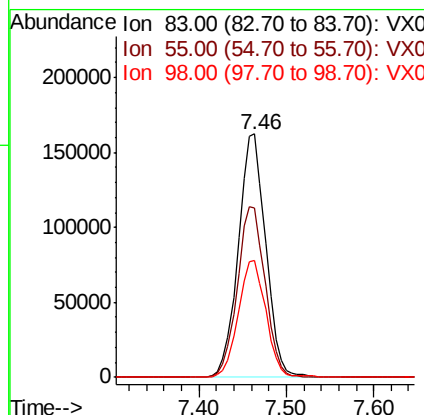
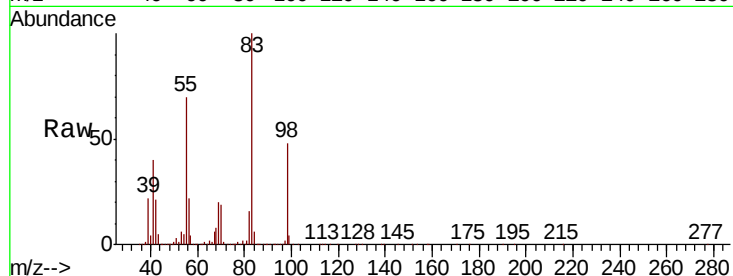
#39
Methvlcvclohexane
Concen: 38.078 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.7	54.9	82.3
98	48.2	37.9	56.9

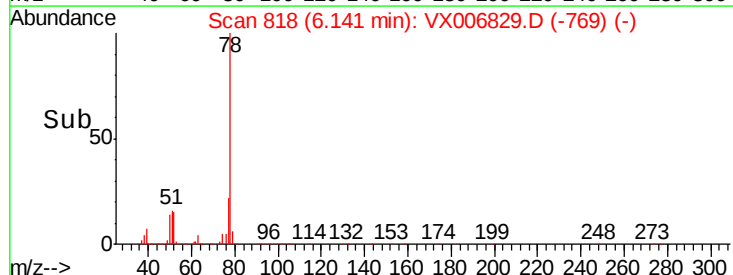
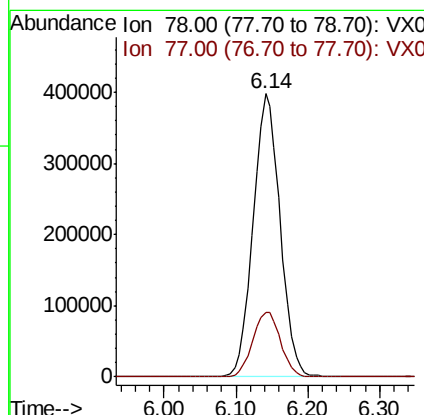
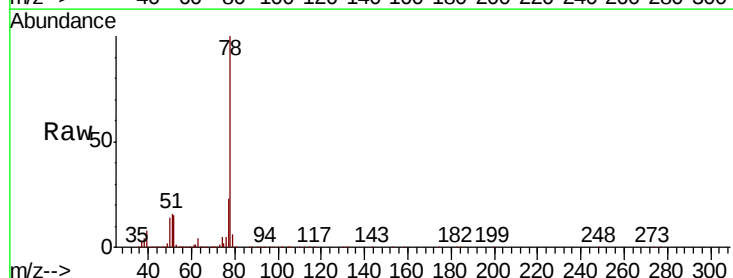
Manual Integrations
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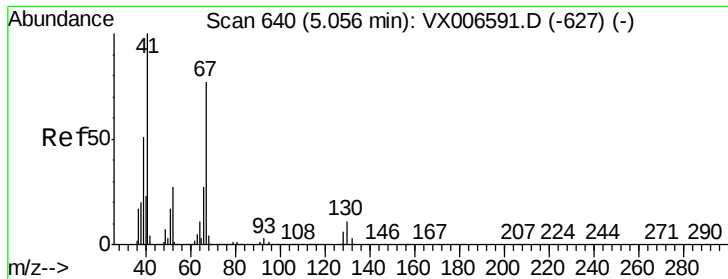
MMDadoda
12/27/2018 9:40:49 AM



#40
Benzene
Concen: 48.147 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.2	28.8





#41

Methacrylonitrile

Concen: 54.706 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

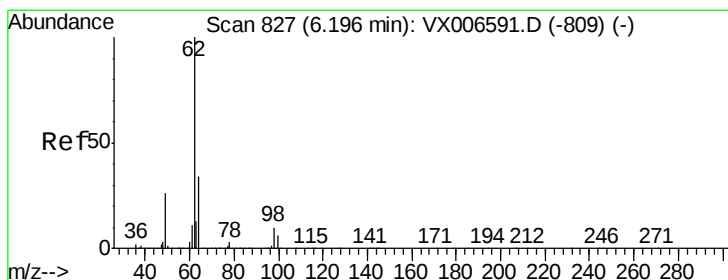
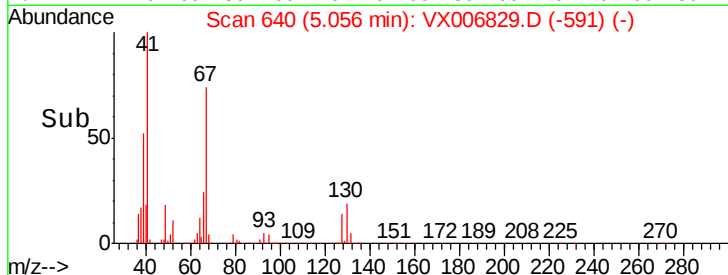
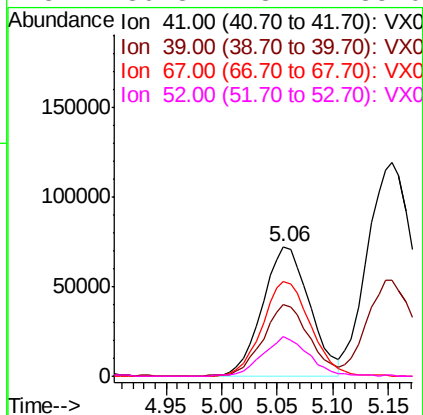
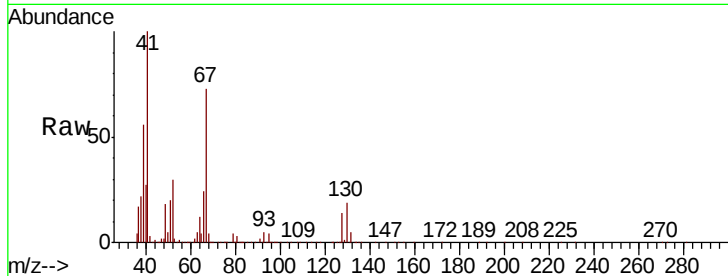
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.8	64.2
67	74.7	62.1	93.1
52	30.3	23.4	35.0

Manual Integrations
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12/27/2018 9:40:49 AM



#42

1,2-Dichloroethane

Concen: 49.290 ug/l

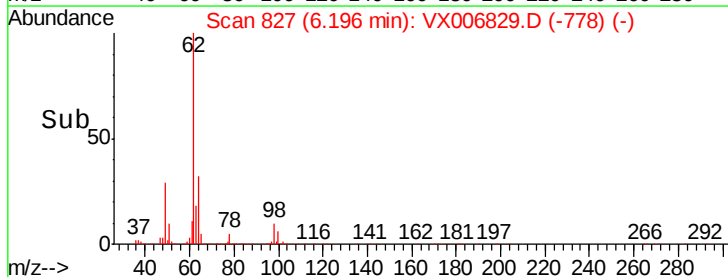
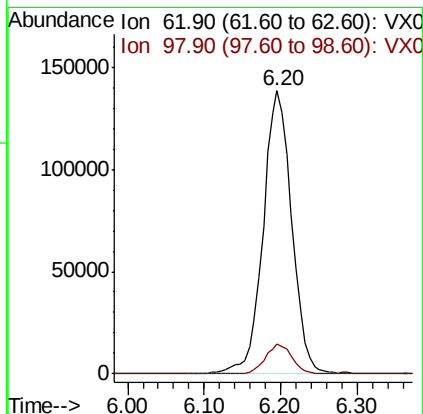
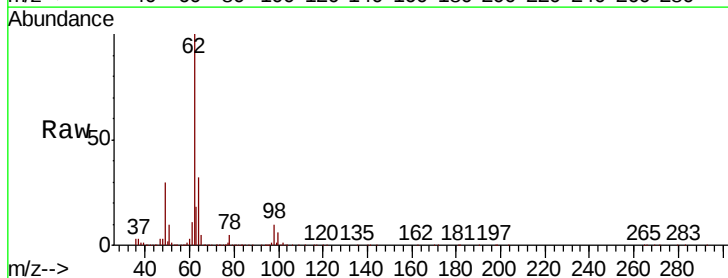
RT: 6.20 min Scan# 827

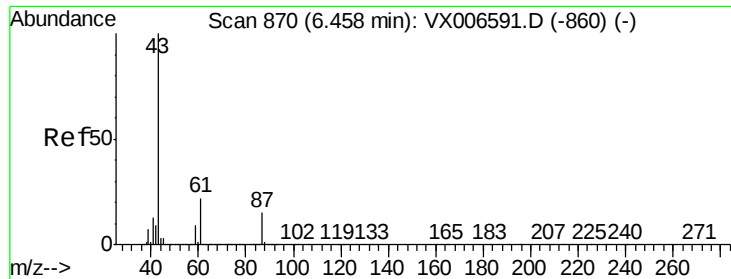
Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

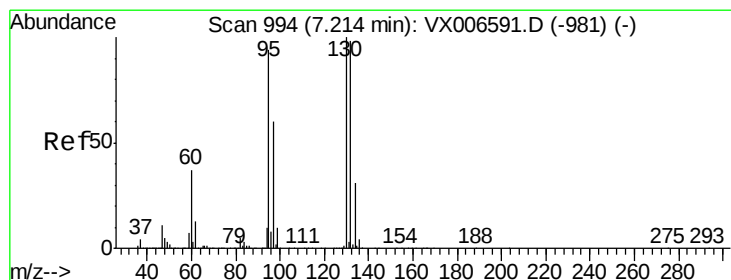
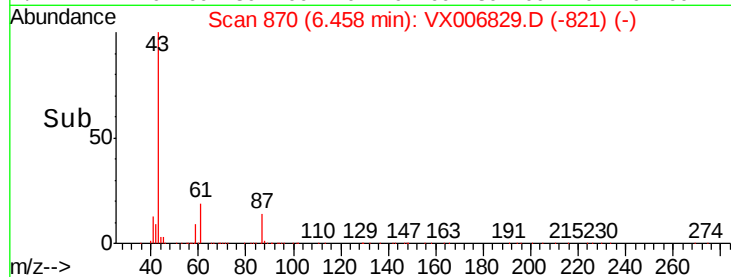
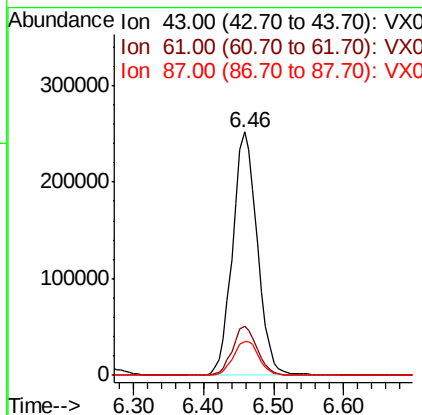
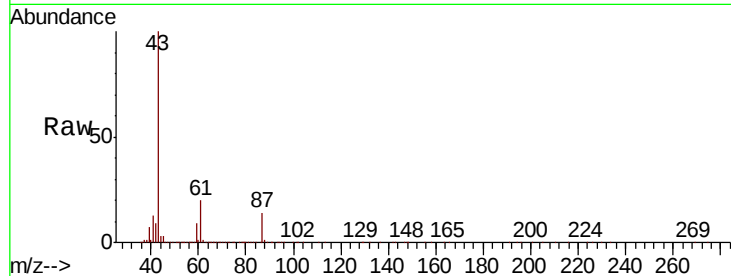
Isopropyl Acetate
 Concen: 55.192 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.8	25.2
87	14.7	12.4	18.6

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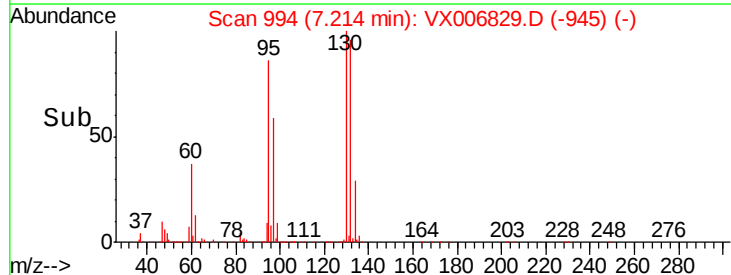
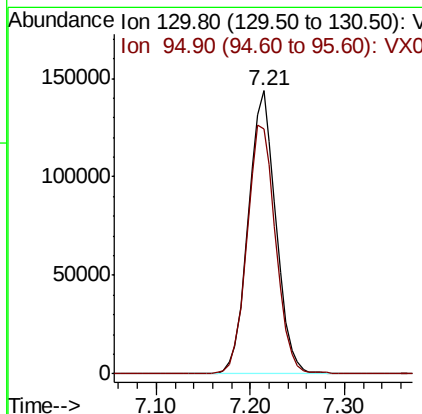
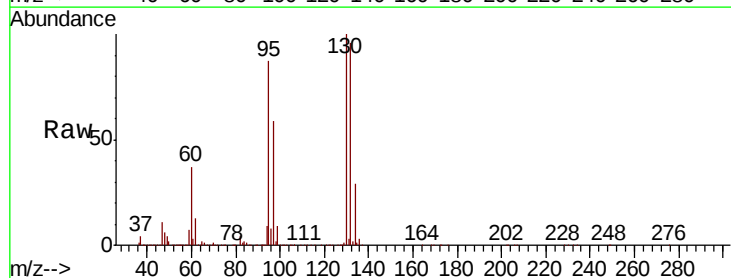
MMDadoda
 12/27/2018 9:40:49 AM



#44

Trichloroethene
 Concen: 45.795 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.5	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.533 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 263485

Ion Ratio Lower Upper

63 100

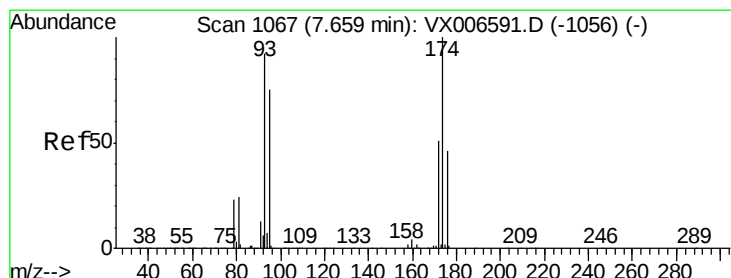
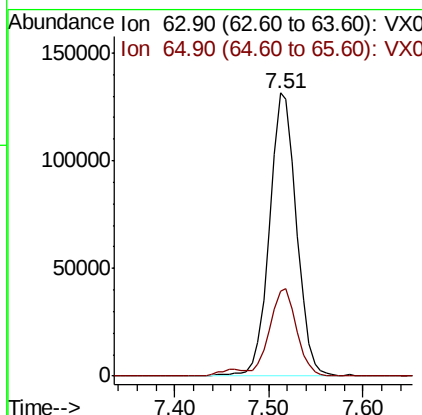
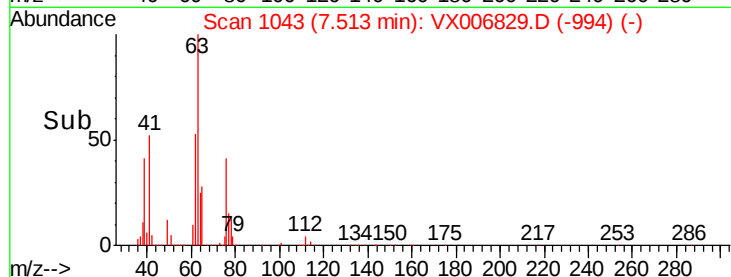
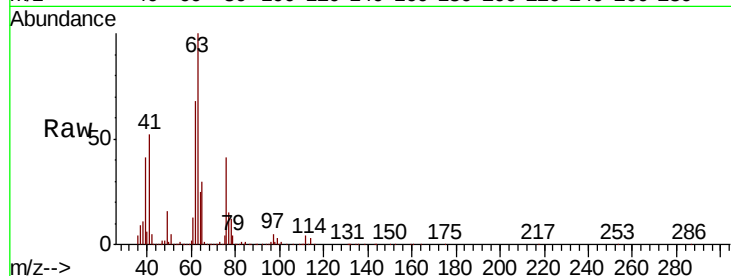
65 30.1 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 49.059 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

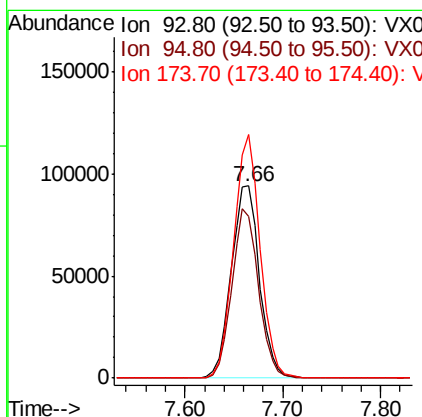
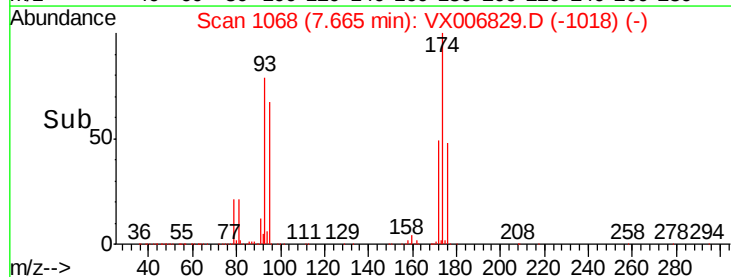
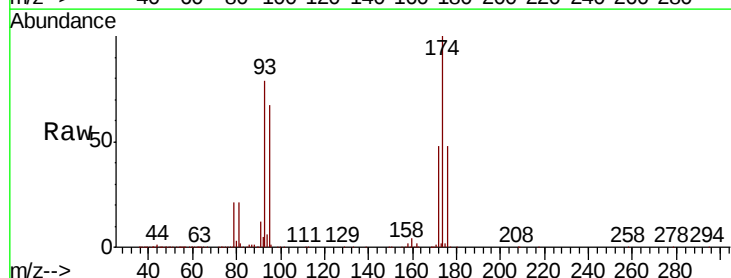
Tgt Ion: 93 Resp: 188156

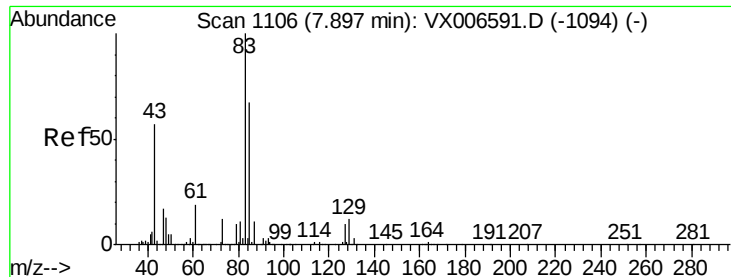
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 119.0 91.0 136.4





#47

Bromodichloromethane

Concen: 51.381 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

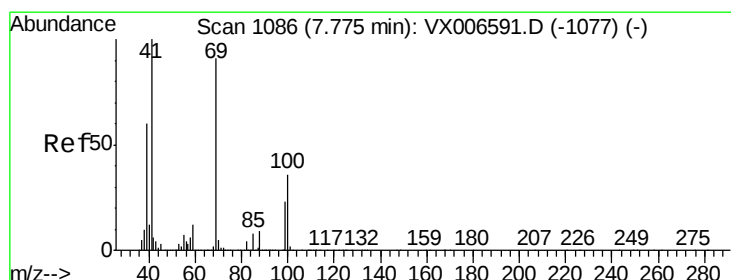
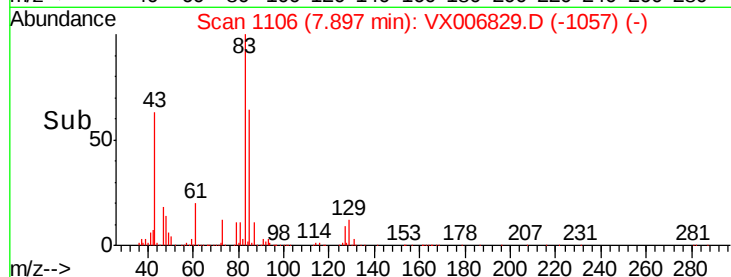
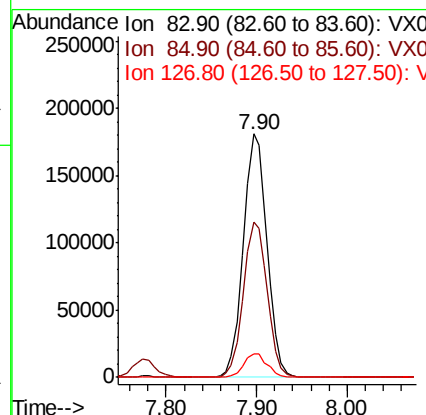
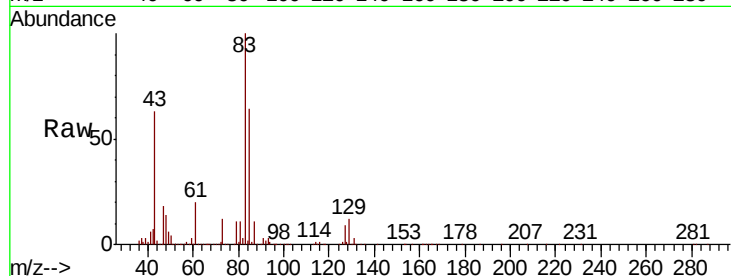
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	327165
Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.2	79.8
127	9.4	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.382 ug/l

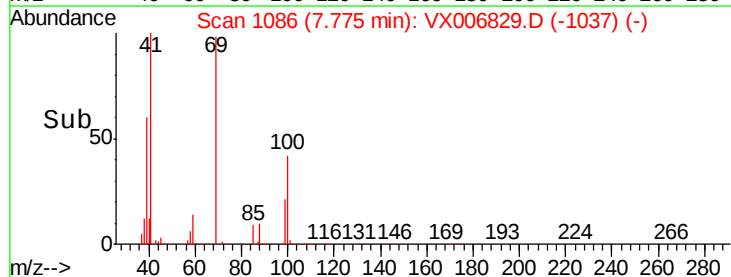
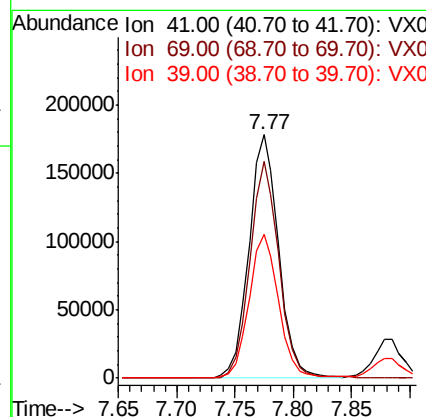
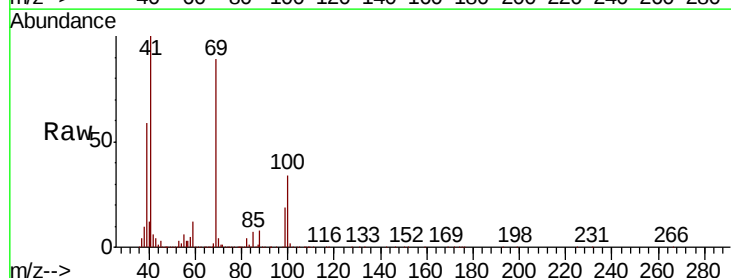
RT: 7.77 min Scan# 1086

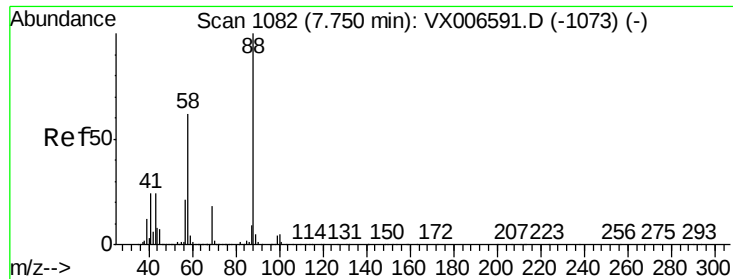
Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Tgt Ion:	41	Resp:	314391
Ion	Ratio	Lower	Upper
41	100		
69	87.3	72.4	108.6
39	59.0	45.8	68.8





#49

1,4-Dioxane

Concen: 890.485 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

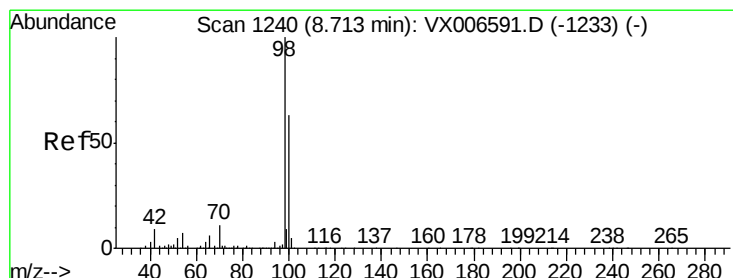
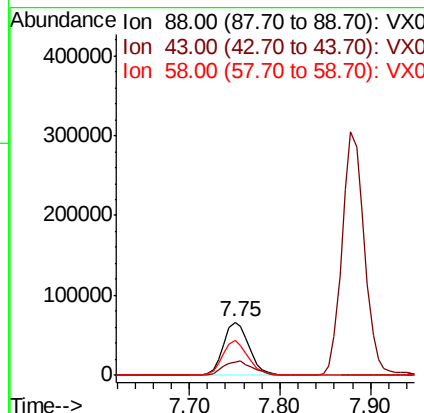
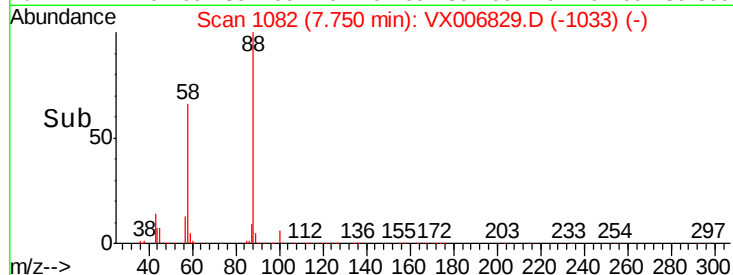
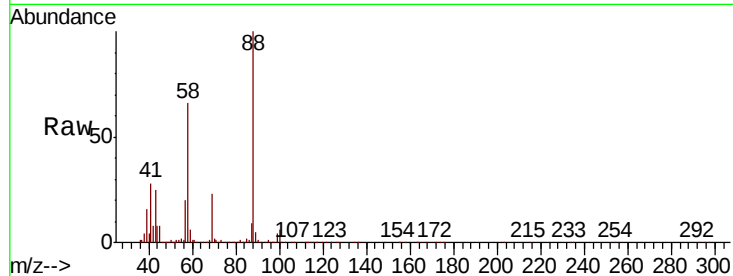
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	132587
Ion	Ratio	Lower	Upper
88	100		
43	30.5	22.2	33.4
58	66.1	51.0	76.4

Manual Integrations
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#50

Toluene-d8

Concen: 47.196 ug/l

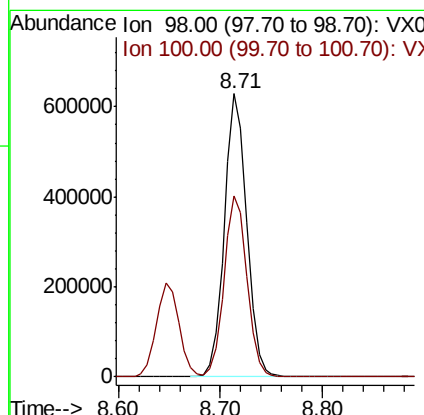
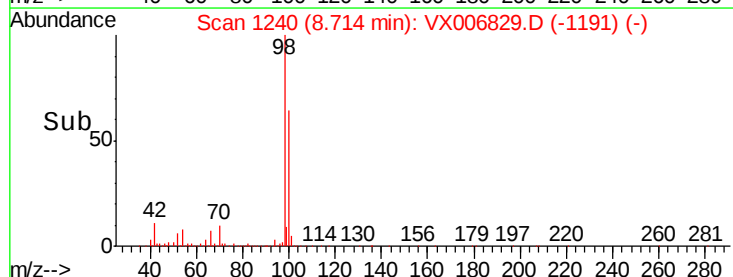
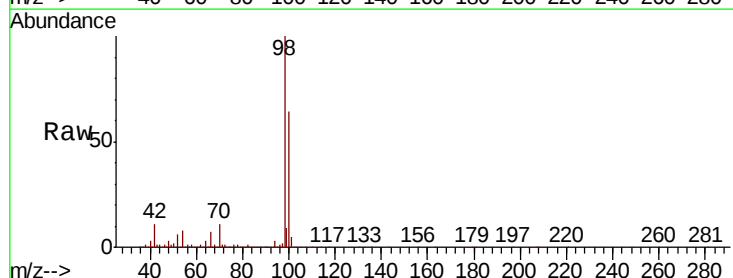
RT: 8.71 min Scan# 1240

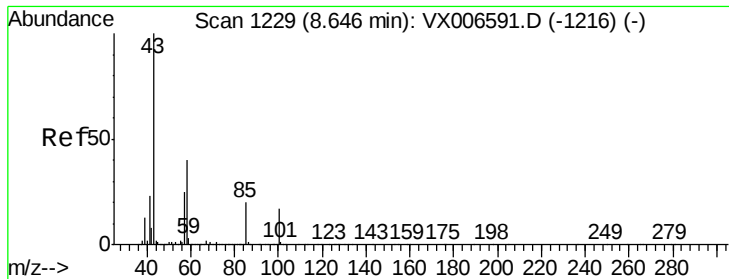
Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Tgt Ion:	98	Resp:	957647
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 278.353 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1977078

Ion Ratio Lower Upper

43 100

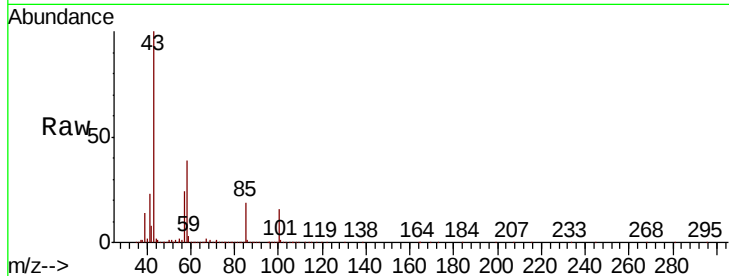
58 38.9 31.8 47.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

8.65

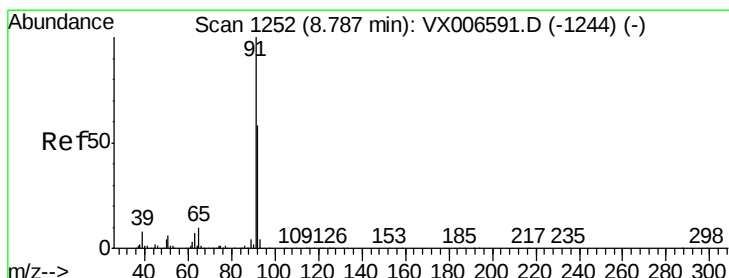
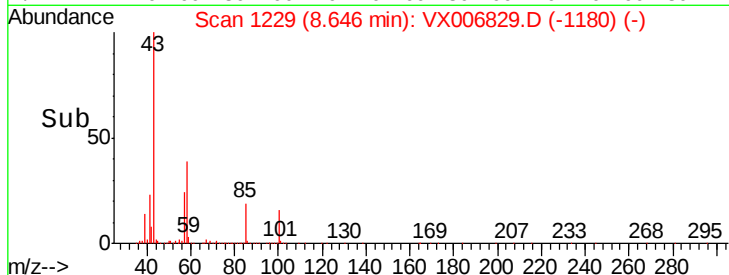
1000000

500000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 47.558 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006829.D

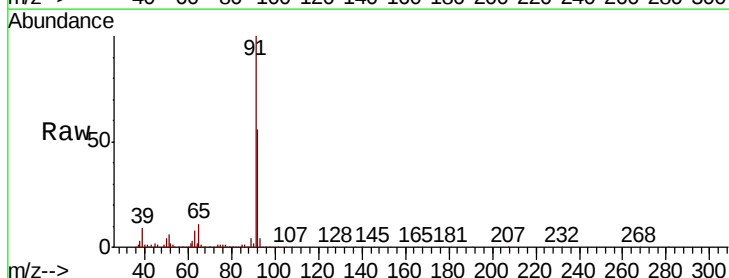
Acq: 26 Dec 2018 20:02

Tgt Ion: 92 Resp: 658316

Ion Ratio Lower Upper

92 100

91 175.6 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

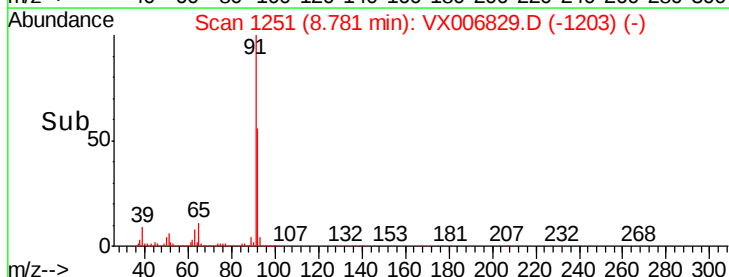
400000

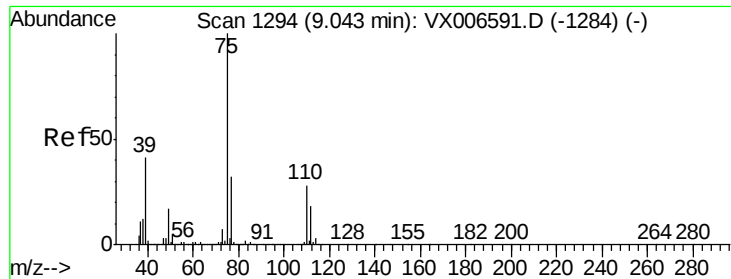
200000

0

8.70 8.80 8.90

Time-->





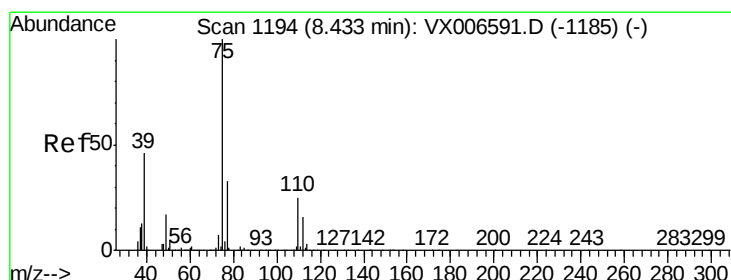
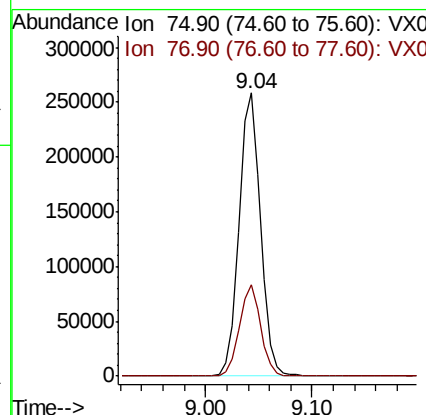
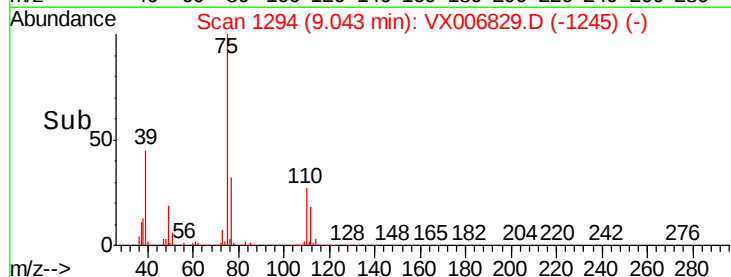
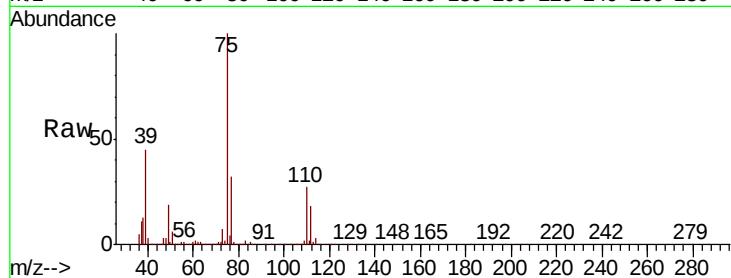
#53
t-1,3-Dichloropropene
Concen: 53.660 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.0

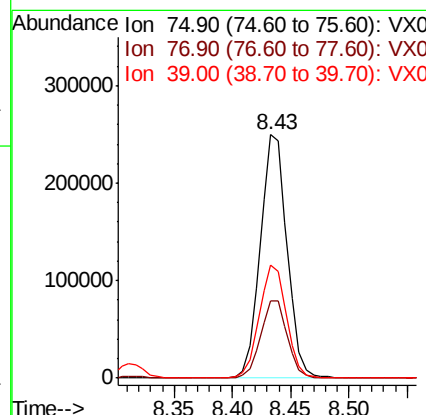
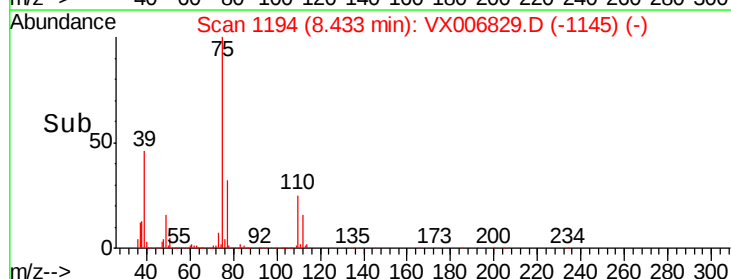
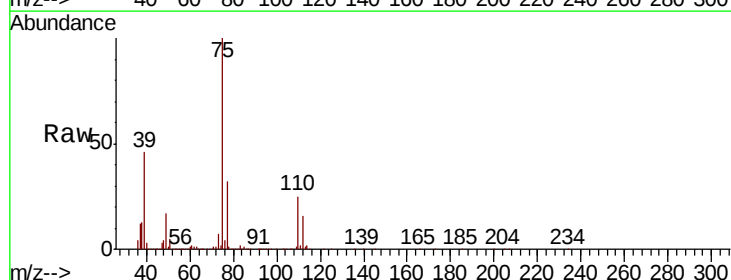
Manual Integrations
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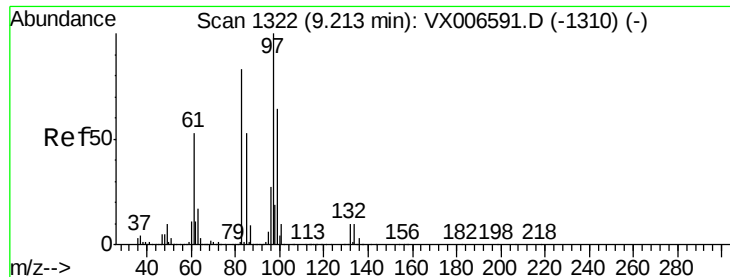
MMDadoda
12/27/2018 9:40:49 AM



#54
cis-1,3-Dichloropropene
Concen: 53.480 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.2	39.2
39	46.2	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 50.291 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

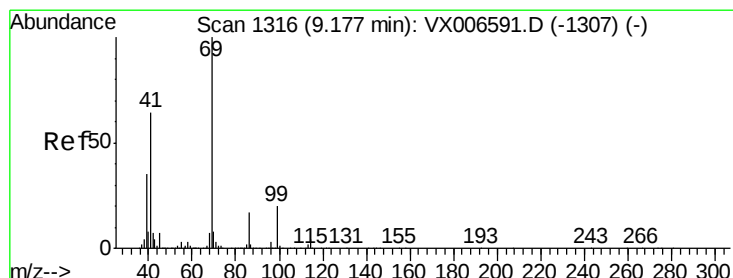
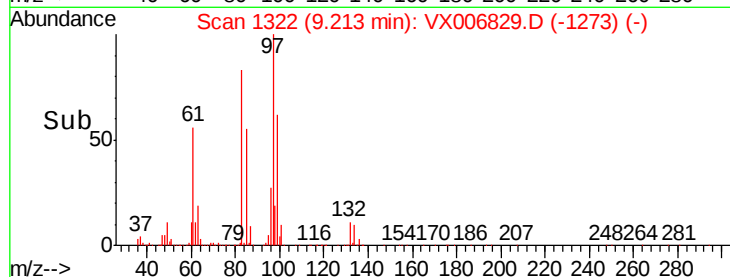
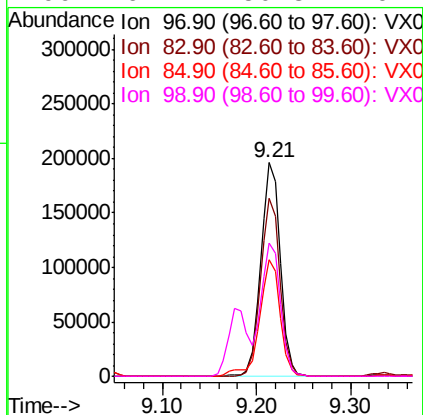
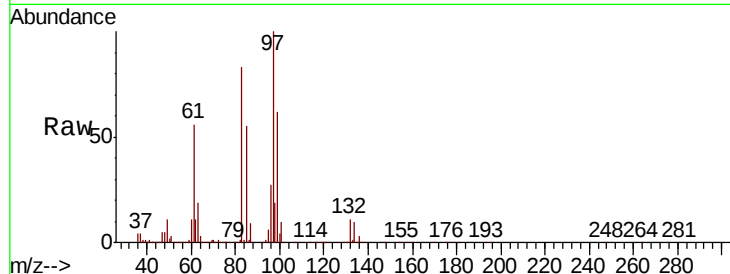
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		284950		
83	83.3	66.6	99.8		
85	54.8	42.7	64.1		
99	62.4	50.8	76.2		

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#56

Ethyl methacrylate

Concen: 54.576 ug/l

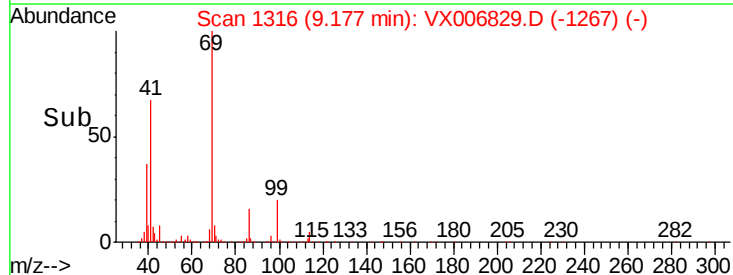
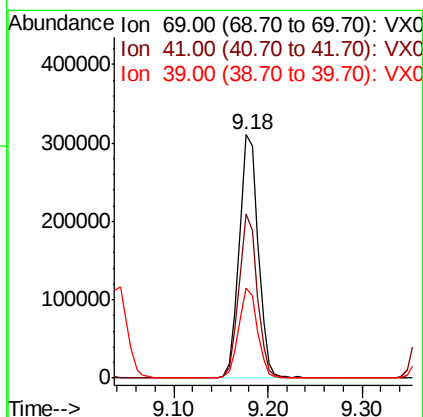
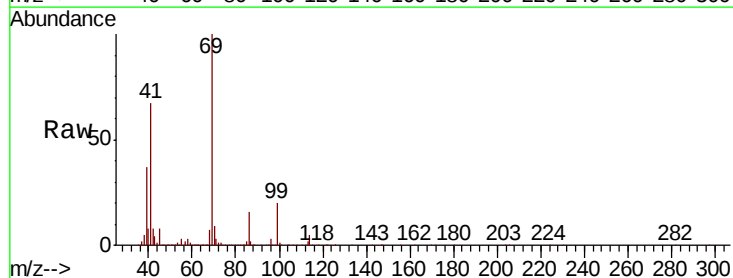
RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		437053		
41	64.6	48.7	73.1		
39	36.6	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 49.972 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 45545

Ion Ratio Lower Upper

76 100

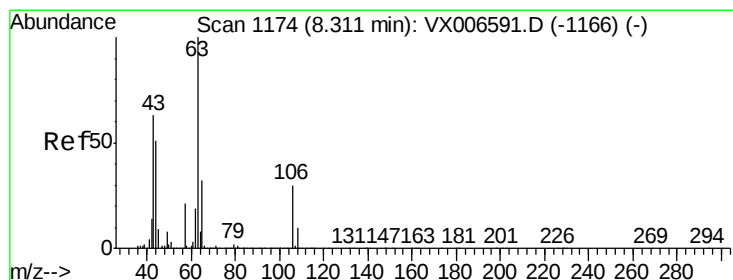
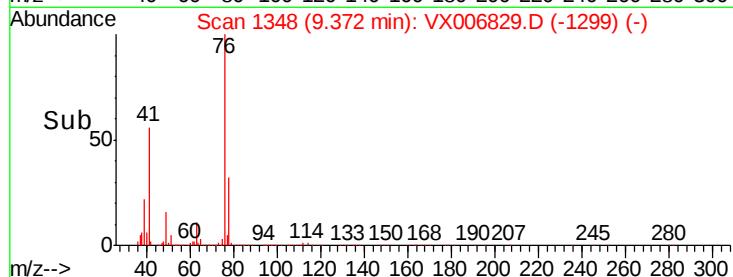
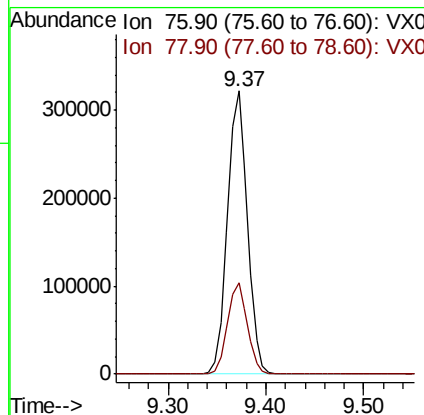
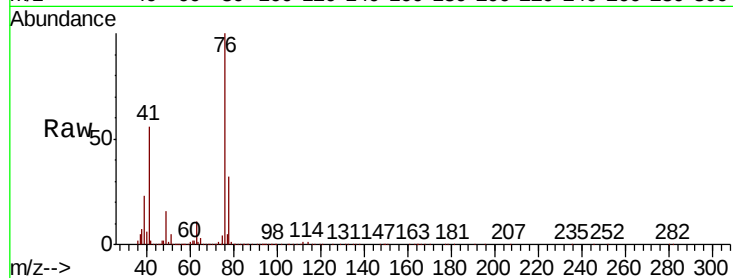
78 32.1 26.0 39.0

Manual Integrations

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MMDadoda

12/27/2018 9:40:49 AM



#58

2-Chloroethyl Vinyl ether

Concen: 267.254 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006829.D

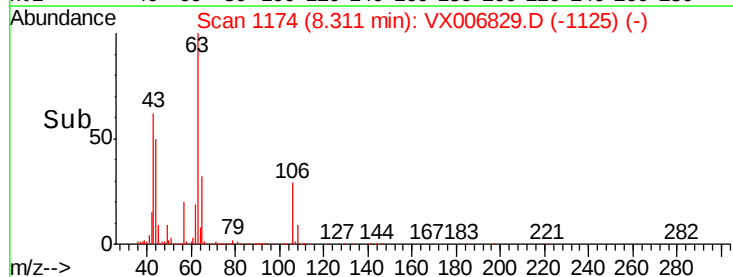
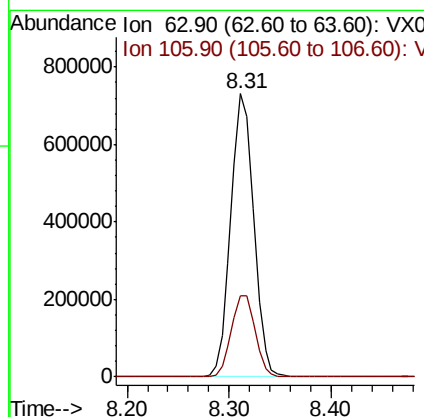
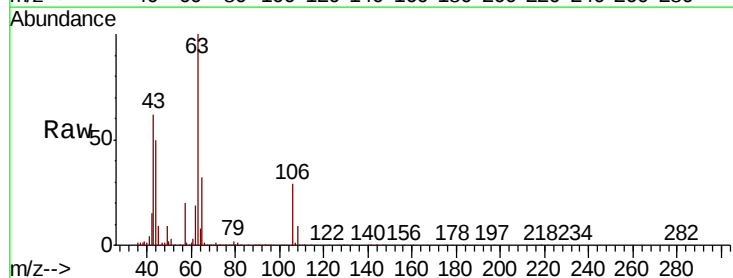
Acq: 26 Dec 2018 20:02

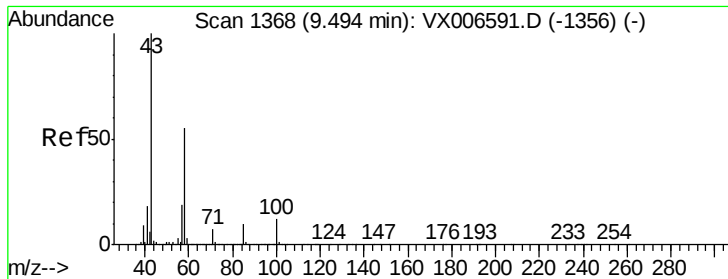
Tgt Ion: 63 Resp: 1137662

Ion Ratio Lower Upper

63 100

106 29.9 24.6 36.8





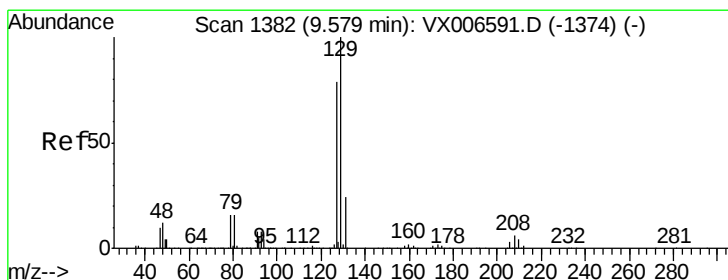
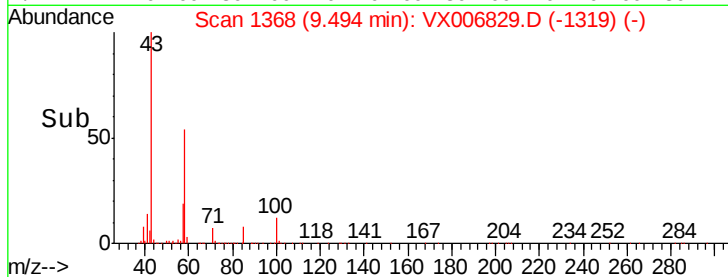
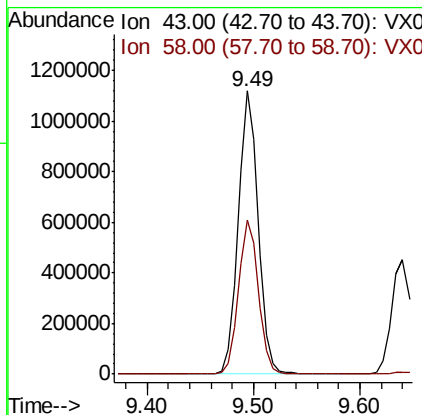
#59
2-Hexanone
Concen: 269.988 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1467238
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1

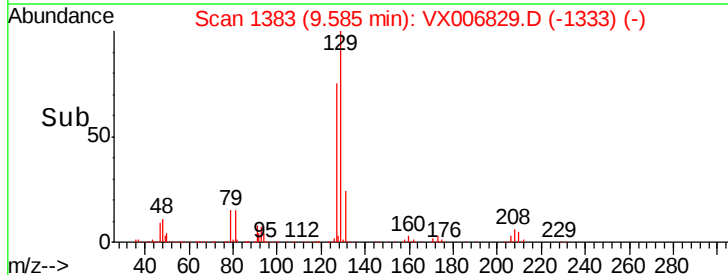
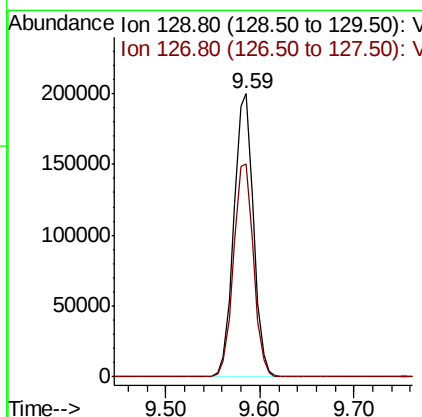
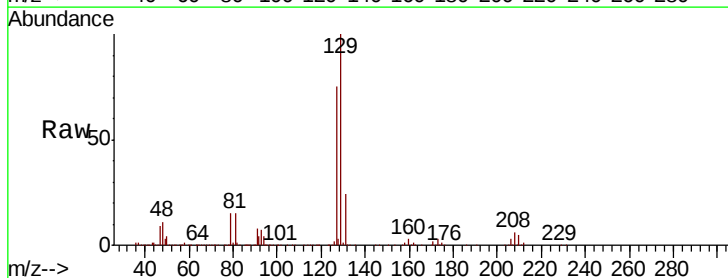
Manual Integrations
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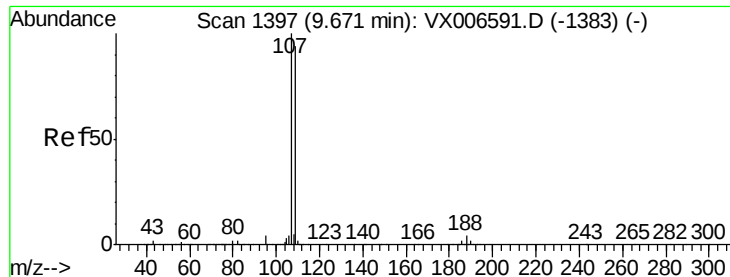
MMDadoda
12/27/2018 9:40:49 AM



#60
Dibromochloromethane
Concen: 48.530 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion: 129 Resp: 287165
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





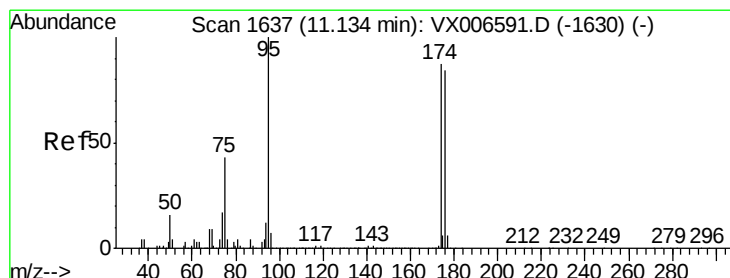
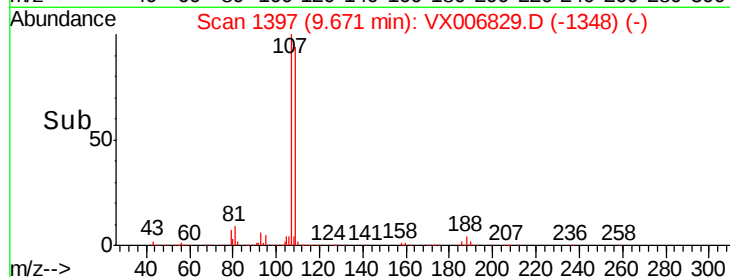
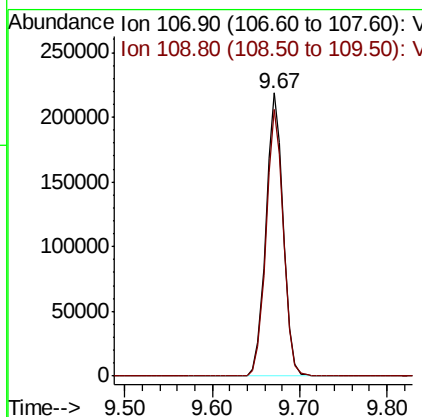
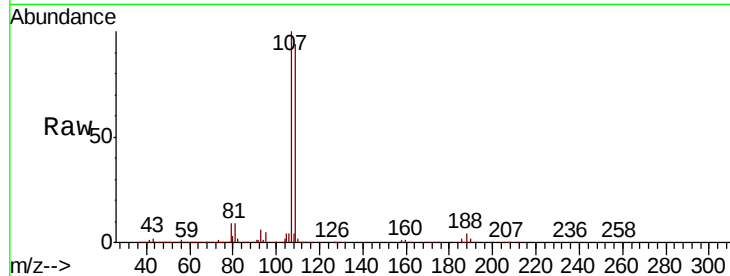
#61
 1,2-Dibromoethane
 Concen: 50.655 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.8	113.6

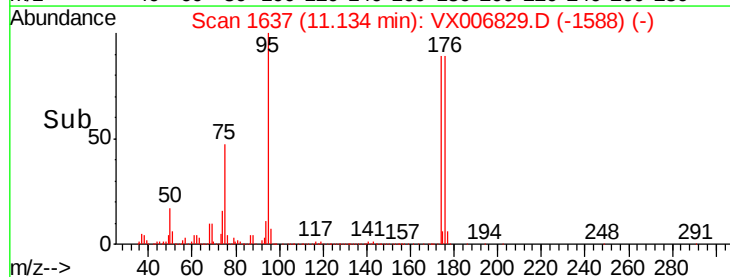
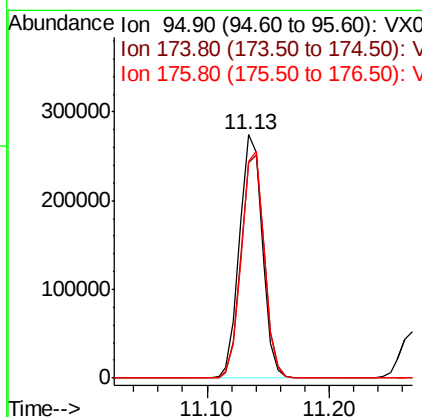
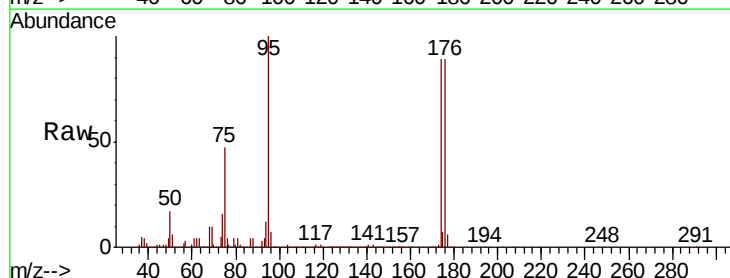
Manual Integrations
 APPROVED

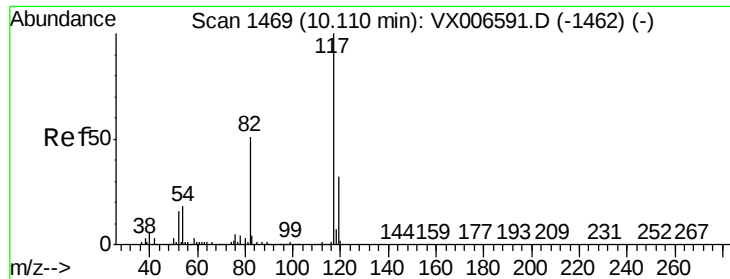
MMDadoda
 12/27/2018 9:40:49 AM



#62
 4-Bromofluorobenzene
 Concen: 47.447 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	182.2
176	92.8	0.0	178.8





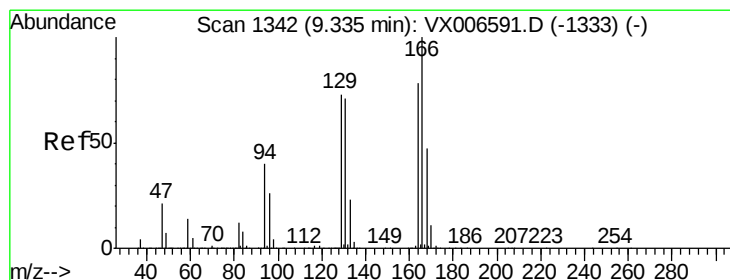
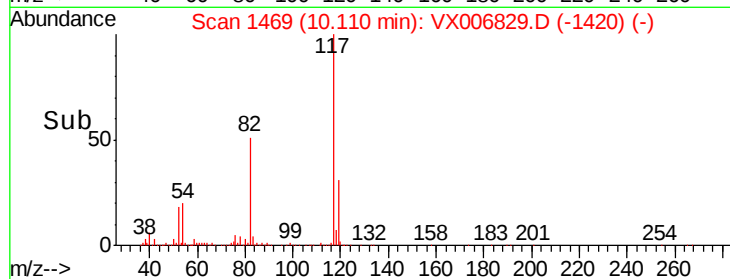
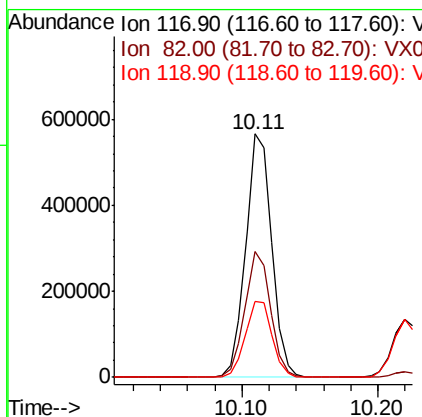
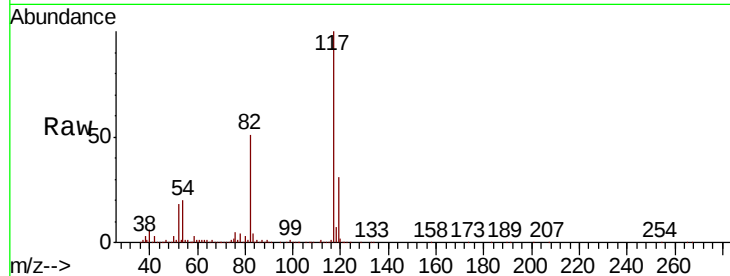
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.0	61.6
119	31.4	25.4	38.0

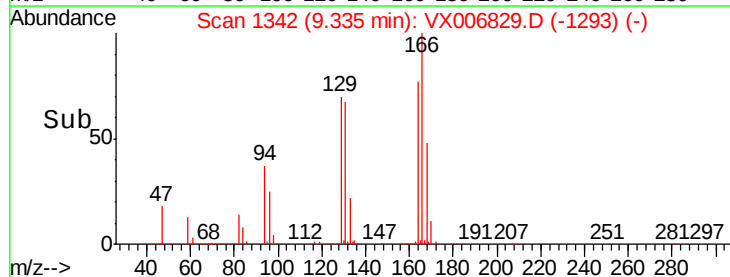
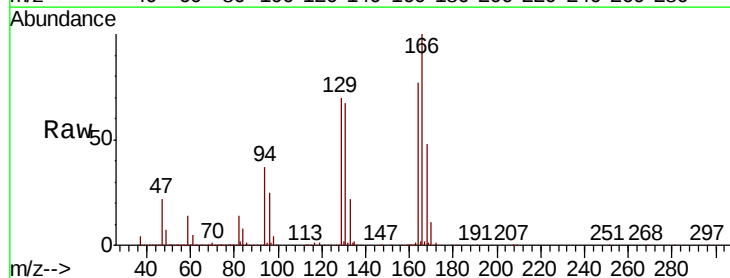
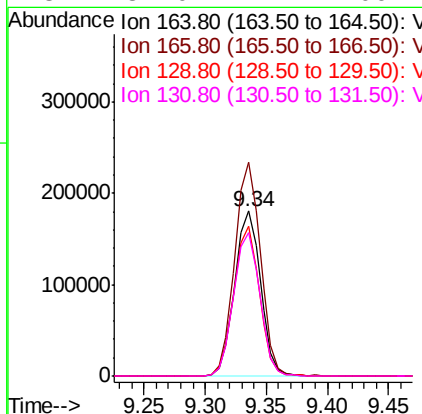
Manual Integrations
APPROVED

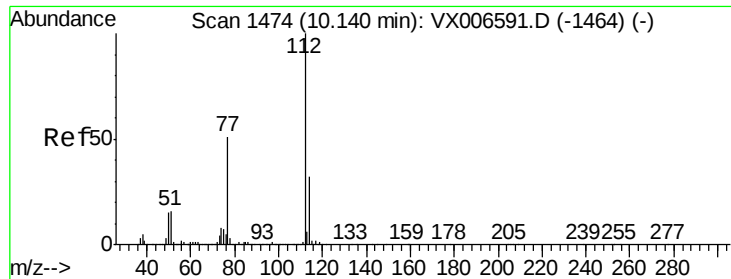
MMDadoda
12/27/2018 9:40:49 AM



#64
Tetrachloroethene
Concen: 43.967 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	102.5	153.7
129	91.1	75.1	112.7
131	87.0	72.7	109.1





#65

Chlorobenzene

Concen: 48.224 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 772655

Ion Ratio Lower Upper

112 100

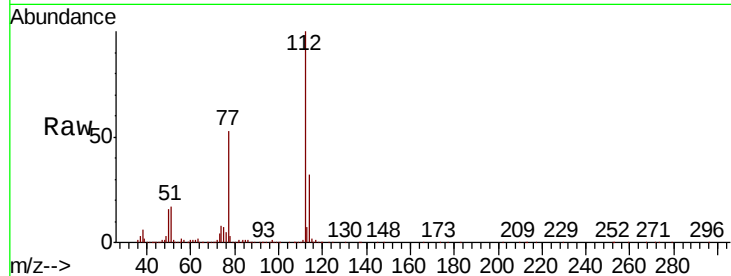
114 32.4 25.7 38.5

Manual Integrations

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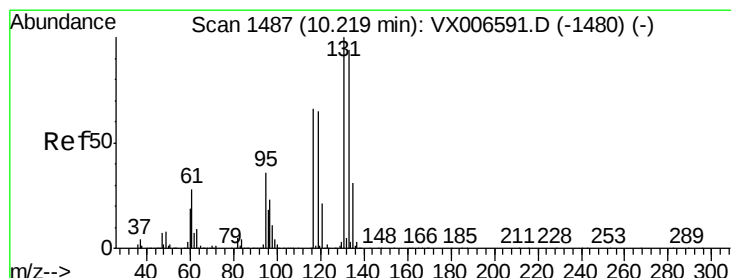
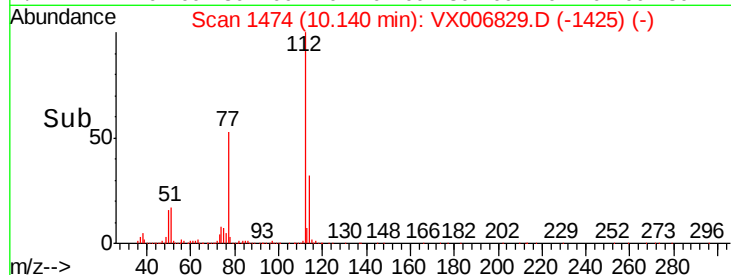
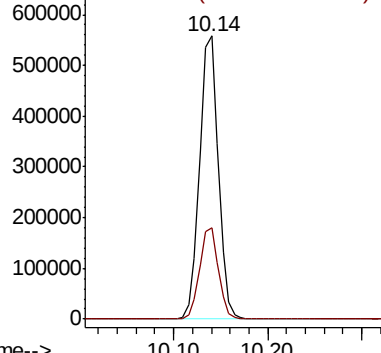
MMDadoda

12/27/2018 9:40:49 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.035 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

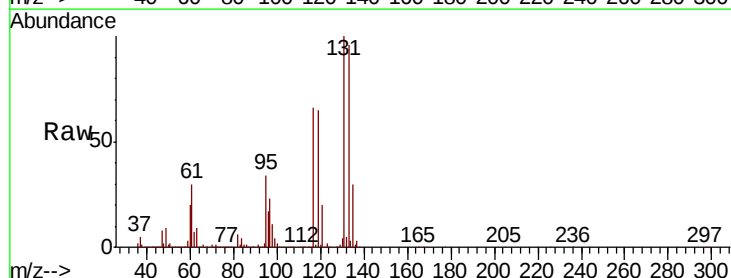
Tgt Ion:131 Resp: 275114

Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.2

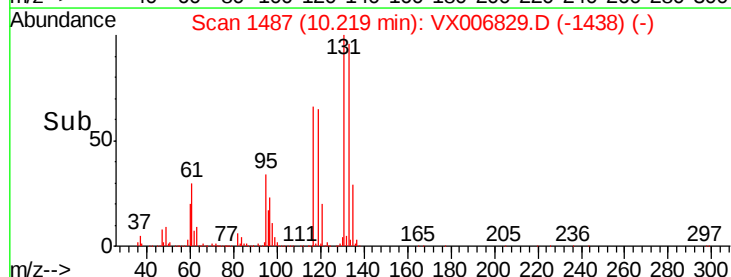
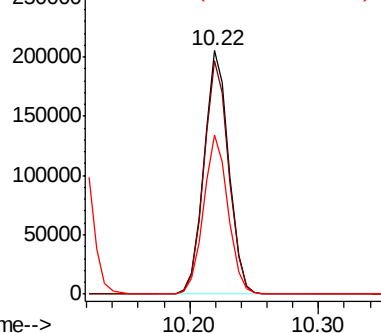
119 64.6 32.6 97.8

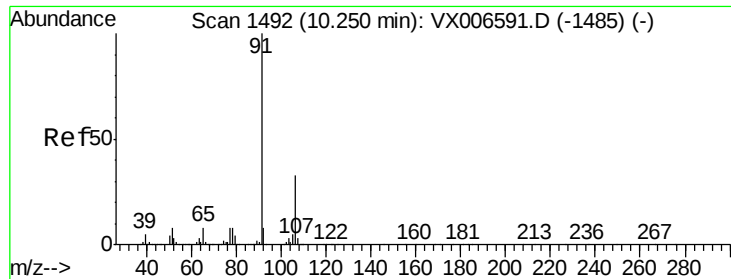


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





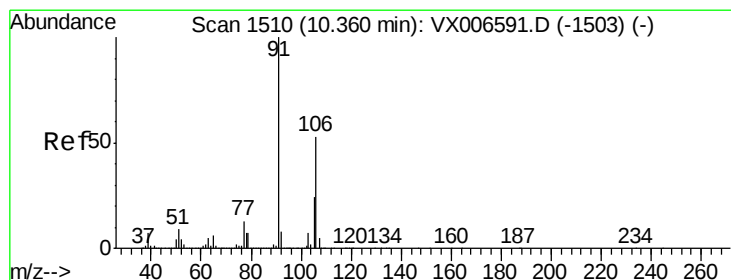
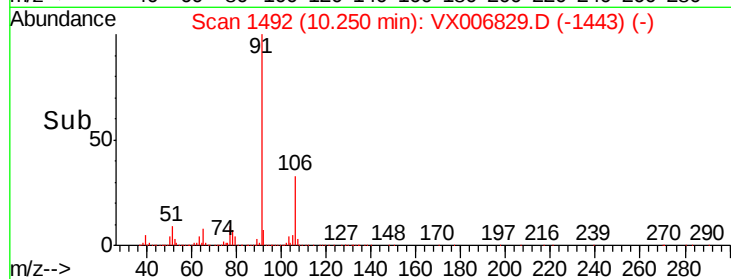
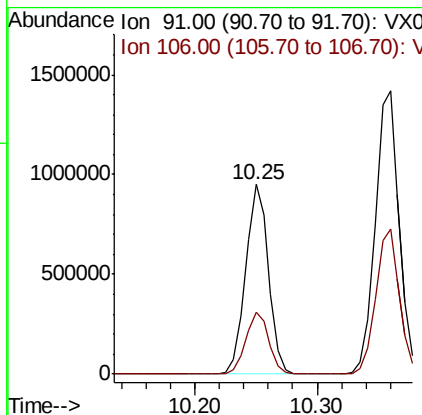
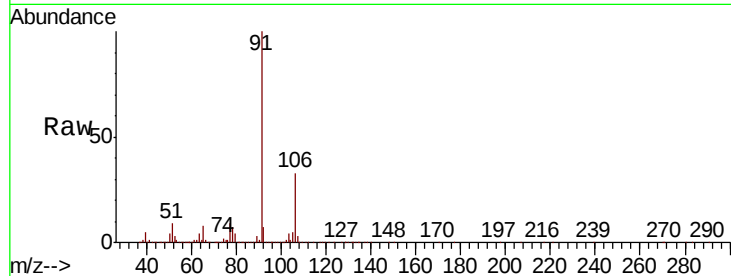
#67
Ethyl Benzene
Concen: 46.839 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1226311
Ion Ratio Lower Upper
91 100
106 32.5 26.4 39.6

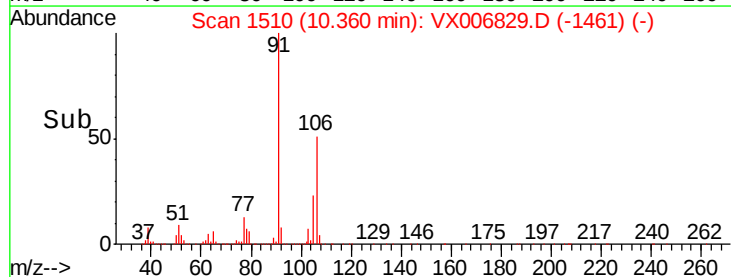
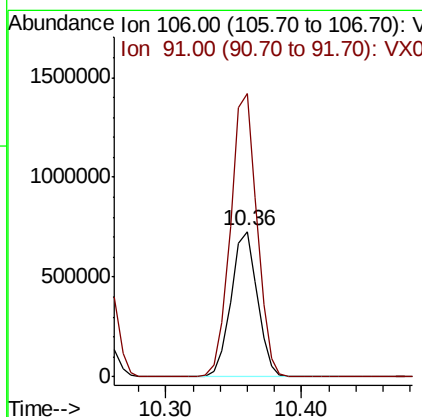
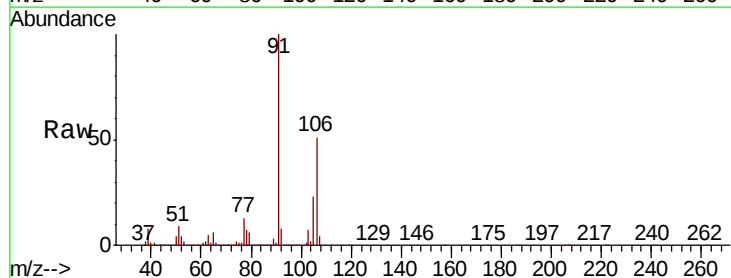
Manual Integrations
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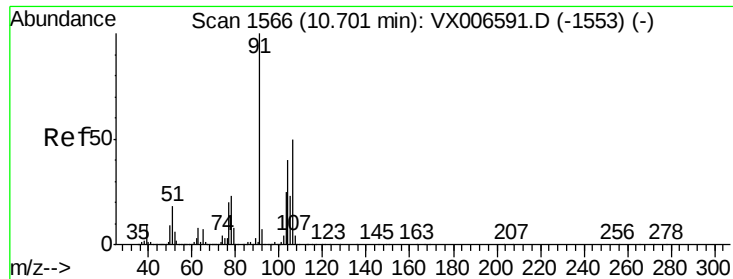
MMDadoda
12/27/2018 9:40:49 AM



#68
m/p-Xylenes
Concen: 94.546 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion: 106 Resp: 976762
Ion Ratio Lower Upper
106 100
91 196.4 155.8 233.6





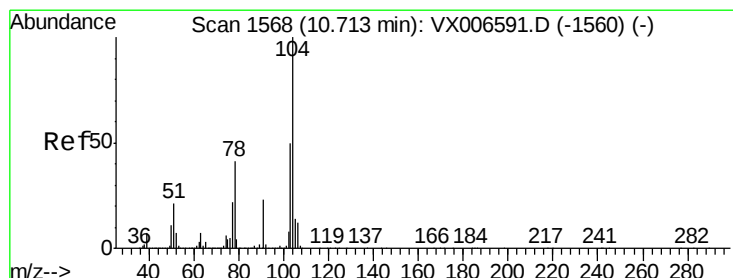
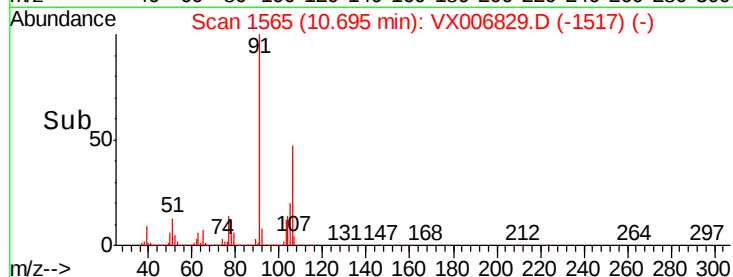
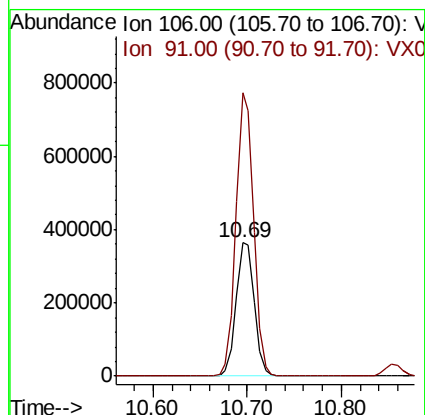
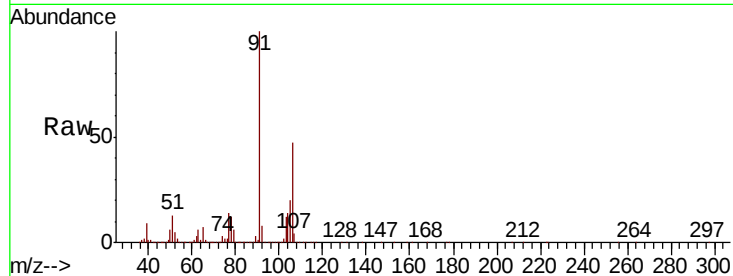
#69
o-Xylene
Concen: 47.635 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.1	101.3	303.7

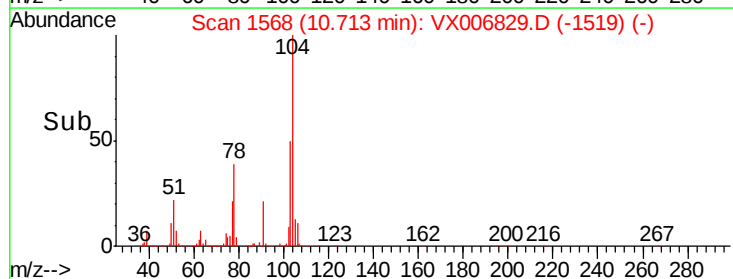
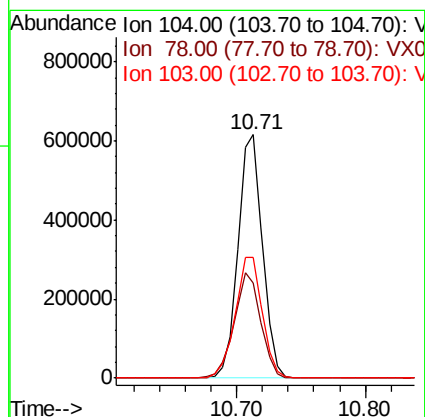
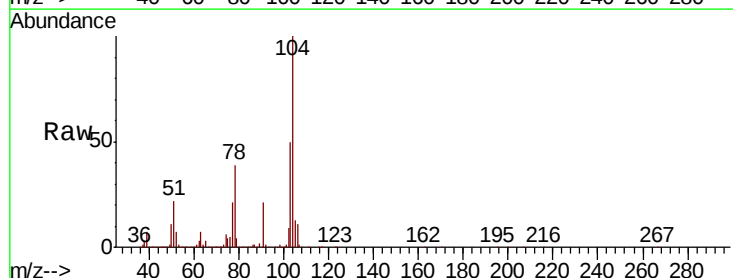
Manual Integrations
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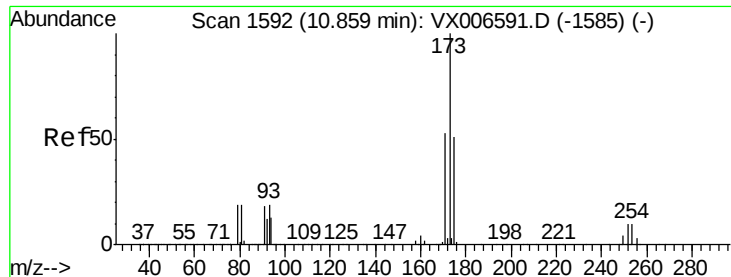
MMDadoda
12/27/2018 9:40:49 AM



#70
Styrene
Concen: 50.290 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.3	37.7	56.5
103	55.5	43.8	65.8





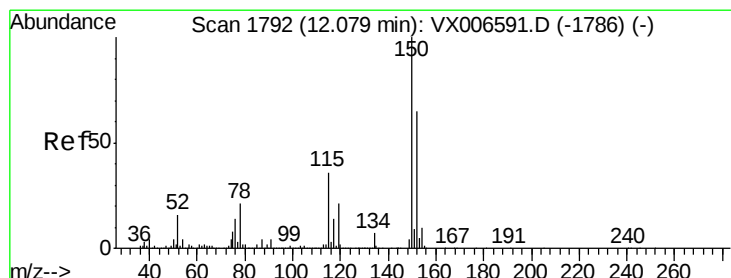
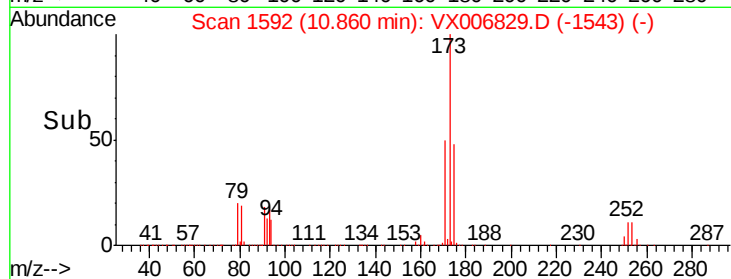
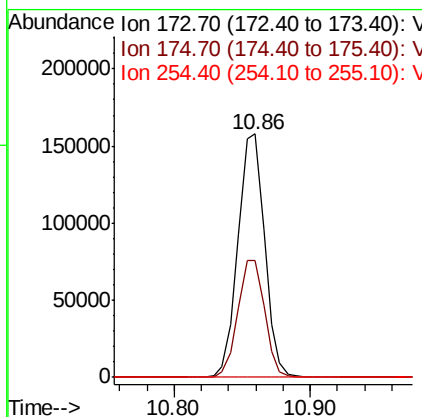
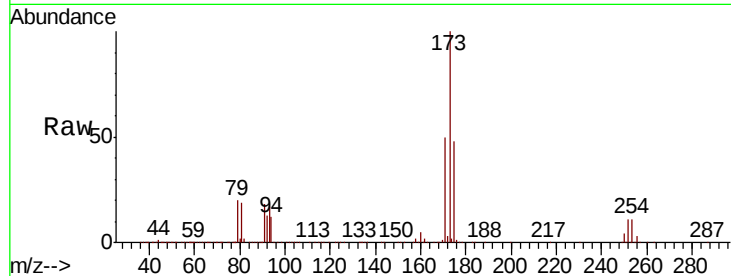
#71
Bromoform
Concen: 48.108 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.7	74.1
254	0.2	0.2	0.2

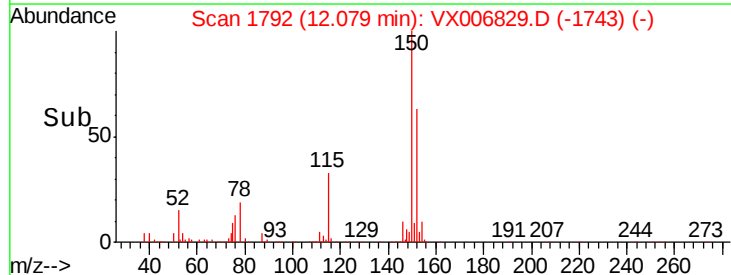
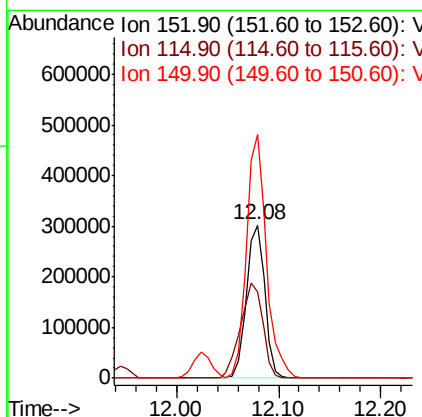
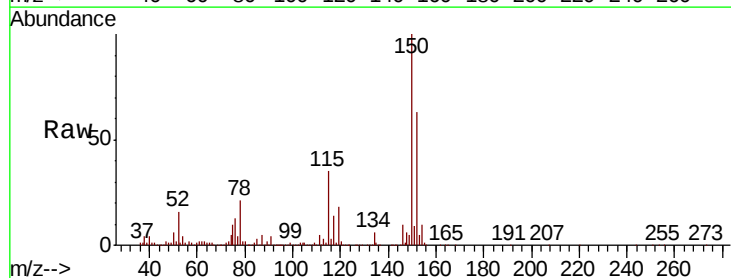
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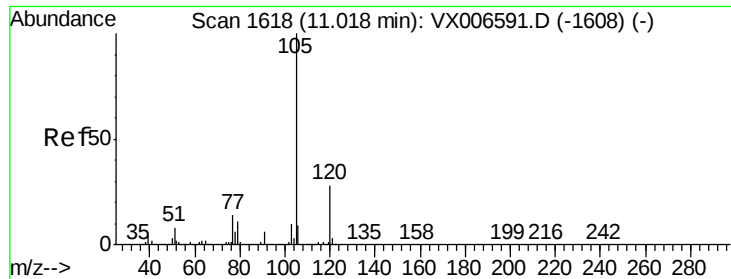
MMDadoda
12/27/2018 9:40:49 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.3	39.1	117.2
150	172.2	0.0	344.8





#73

Isopropylbenzene

Concen: 47.531 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1225943

Ion Ratio Lower Upper

105 100

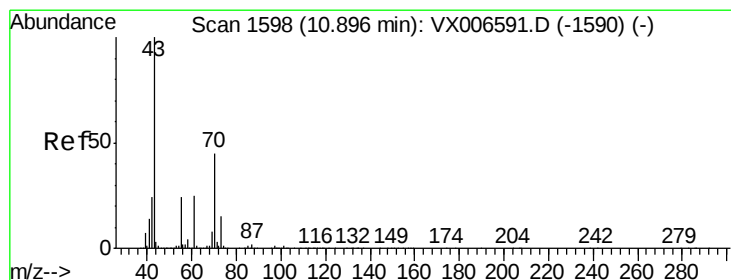
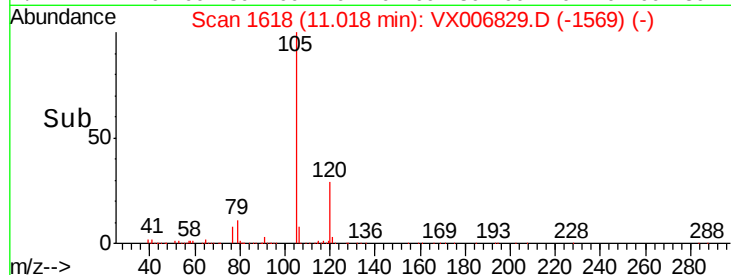
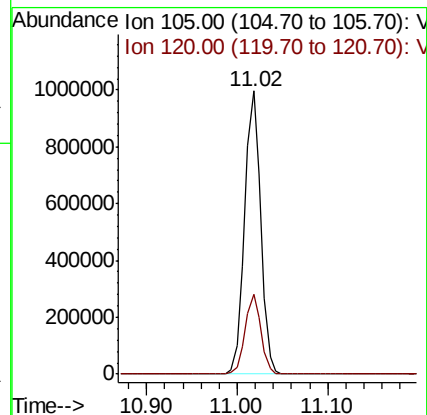
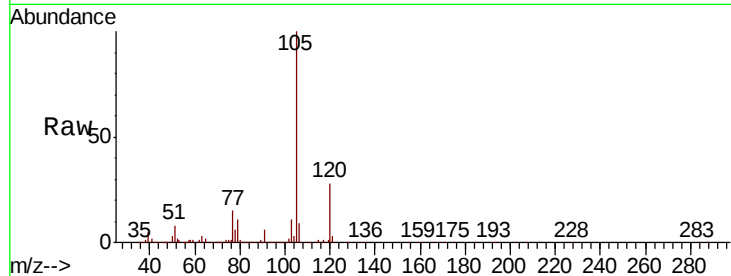
120 27.8 14.1 42.4

Manual Integrations

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12/27/2018 9:40:49 AM



#74

N-ethyl acetate

Concen: 61.232 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Tgt Ion: 43 Resp: 565303

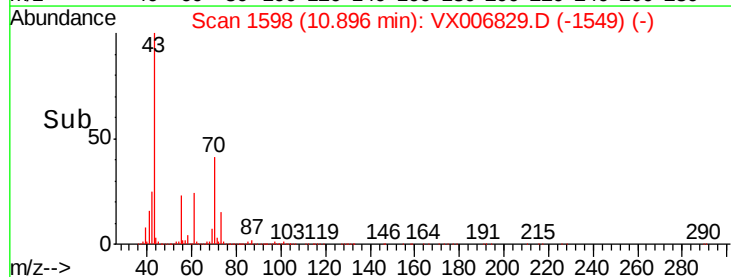
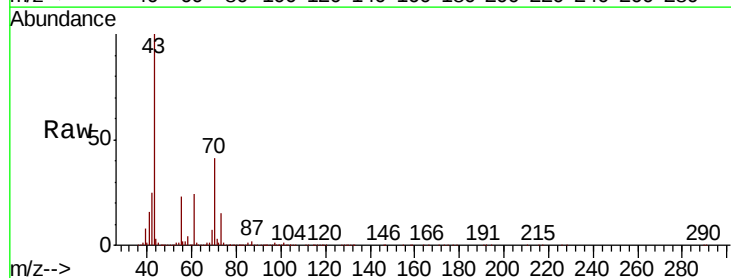
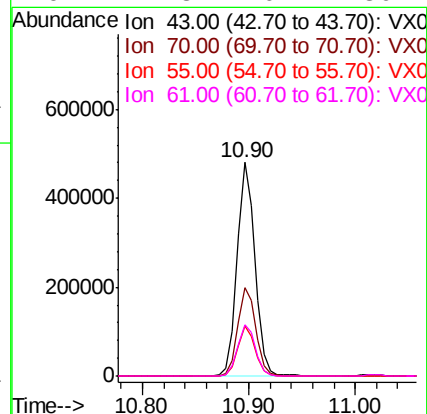
Ion Ratio Lower Upper

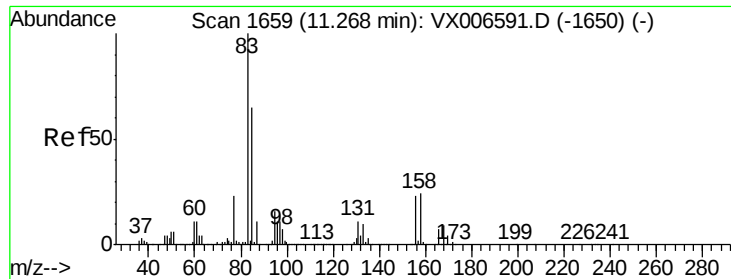
43 100

70 42.0 35.8 53.8

55 23.0 19.4 29.0

61 24.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 55.336 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 424461

Ion Ratio Lower Upper

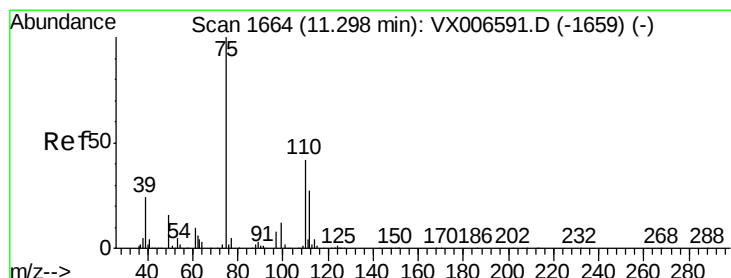
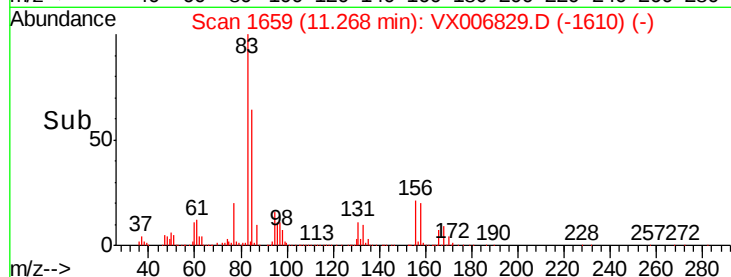
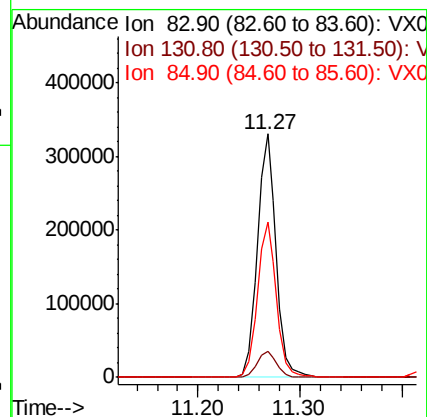
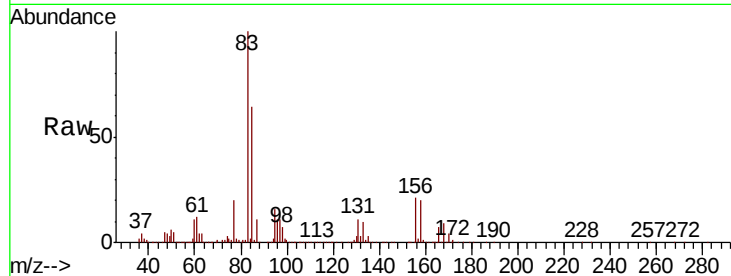
83 100

131 11.1 5.7 17.1

85 64.6 32.2 96.6

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12/27/2018 9:40:49 AM



#76

1,2,3-Trichloropropane

Concen: 57.097 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006829.D

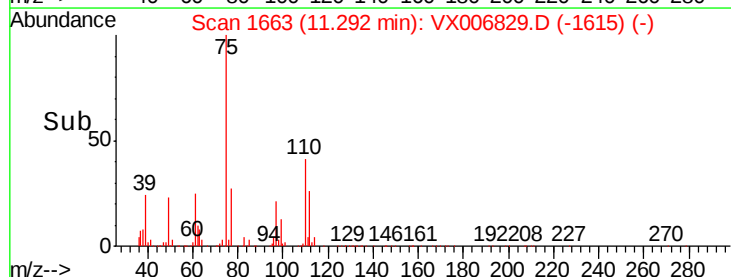
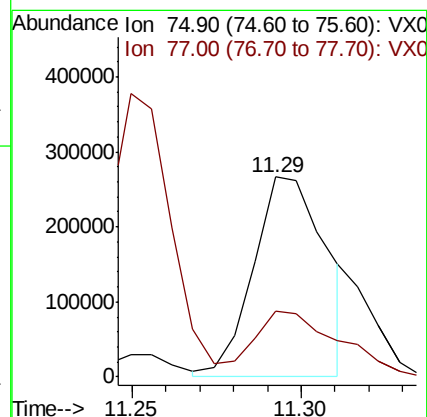
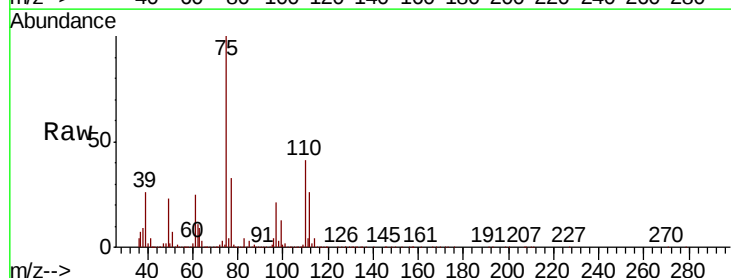
Acq: 26 Dec 2018 20:02

Tgt Ion: 75 Resp: 400051

Ion Ratio Lower Upper

75 100

77 38.8 18.5 55.5





#77

Bromobenzene

Concen: 51.429 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

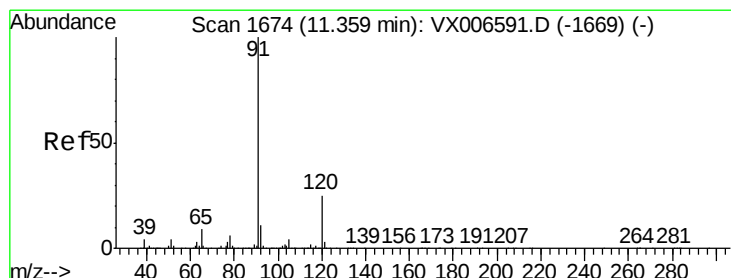
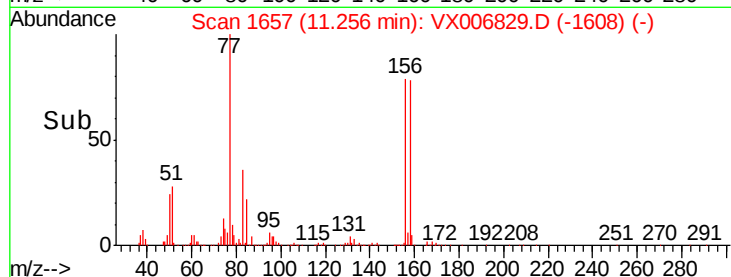
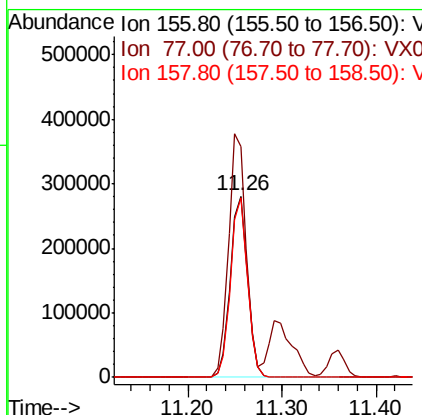
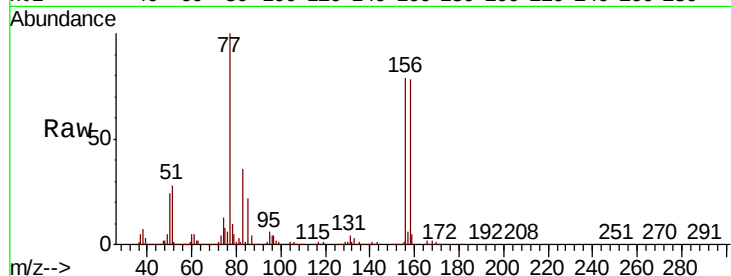
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	358614
Ion Ratio	Lower	Upper	
156	100		
77	135.8	68.0	204.0
158	97.5	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 47.109 ug/l

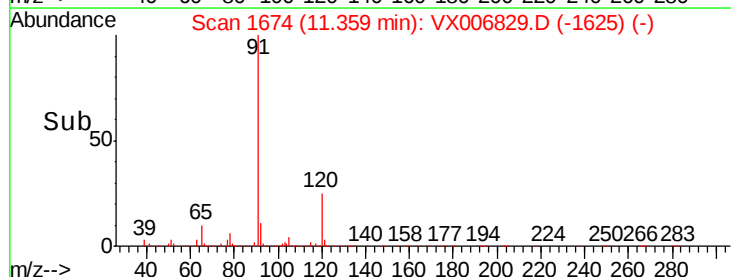
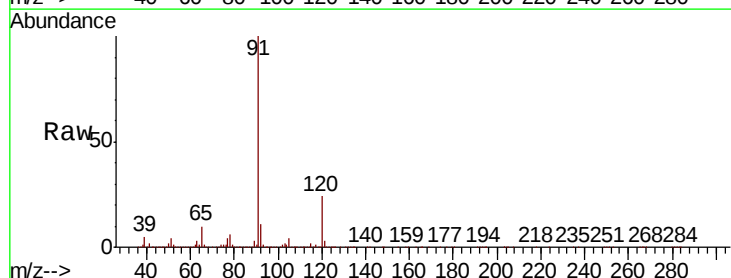
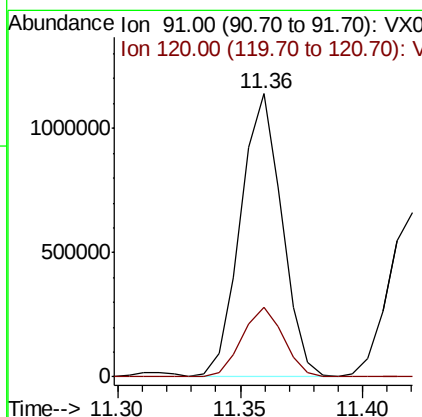
RT: 11.36 min Scan# 1674

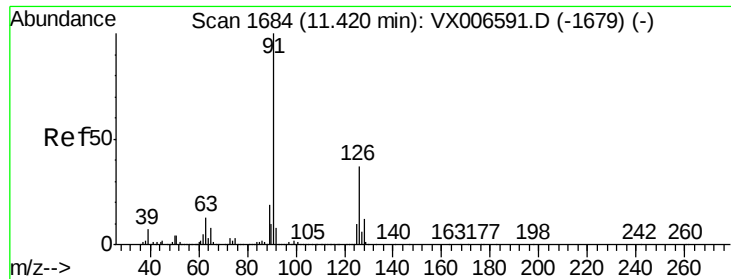
Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Tgt Ion:	91	Resp:	1338011
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.7	38.0





#79

2-Chlorotoluene

Concen: 47.459 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 816864

Ion Ratio Lower Upper

91 100

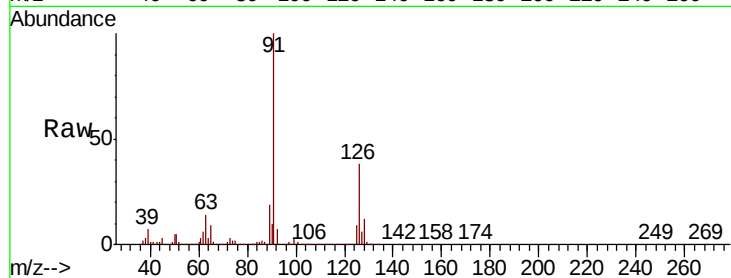
126 37.6 18.6 56.0

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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006591.D (-1679) (-)

1000000

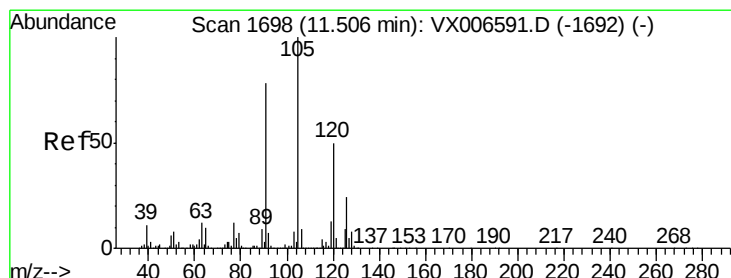
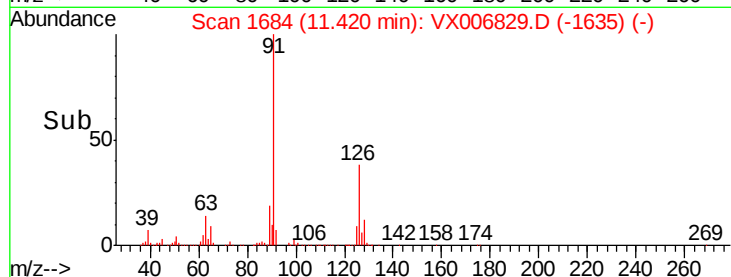
500000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 46.119 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006829.D

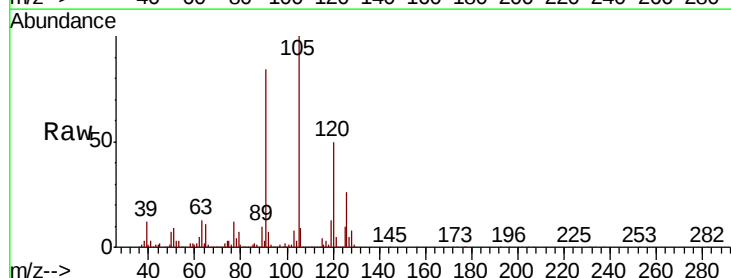
Acq: 26 Dec 2018 20:02

Tgt Ion: 105 Resp: 979770

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006591.D (-1692) (-)

1000000

800000

600000

400000

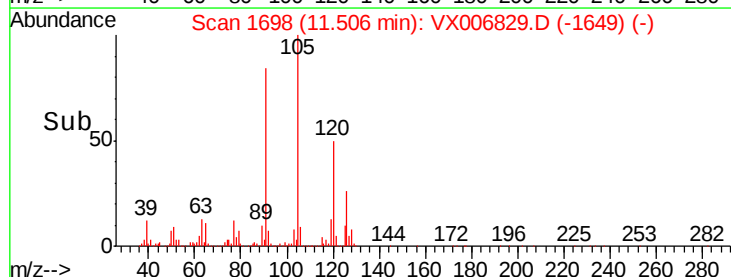
200000

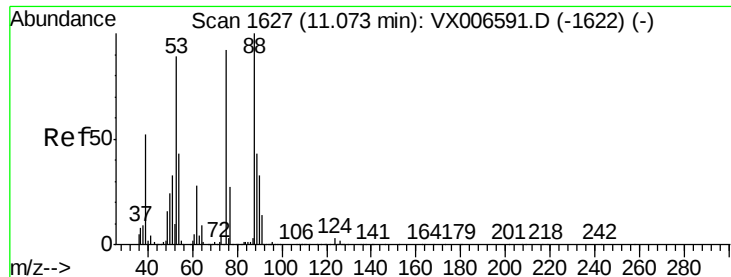
0

11.51

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.543 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

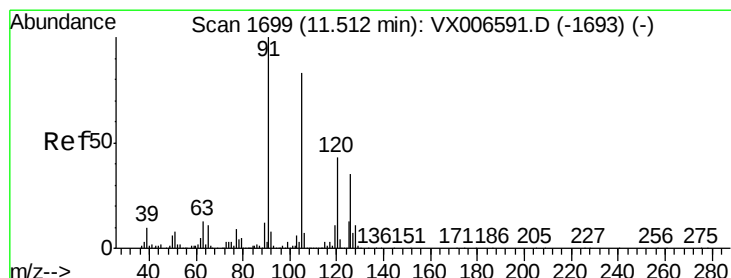
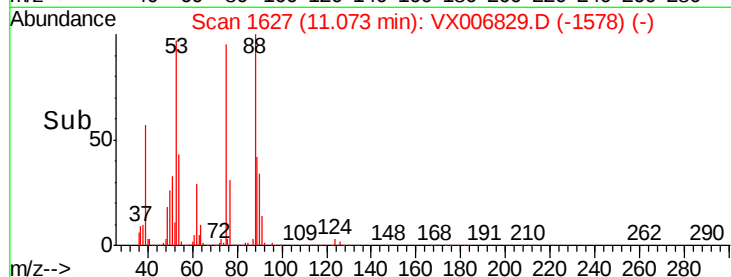
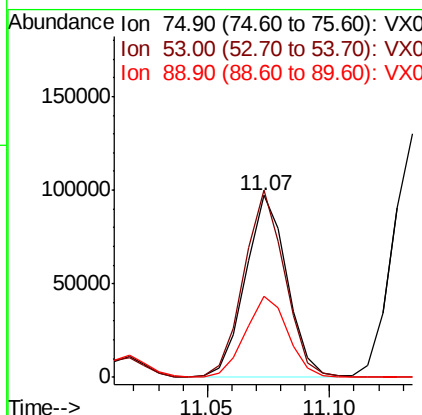
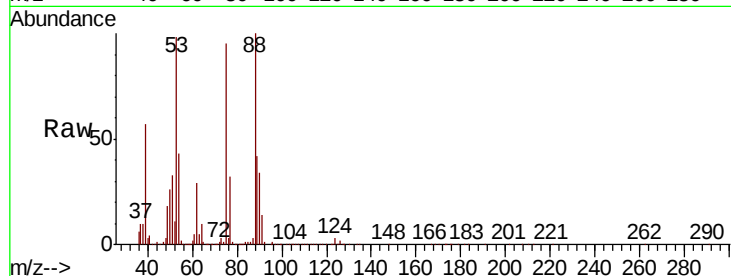
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	113964
Ion Ratio	Lower	Upper	
75	100		
53	102.5	79.7	119.5
89	46.2	38.0	57.0

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#82

4-Chlorotoluene

Concen: 48.551 ug/l

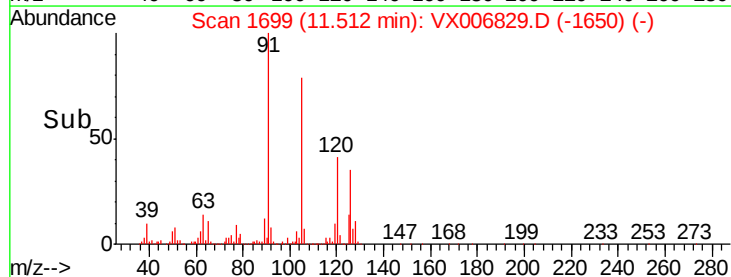
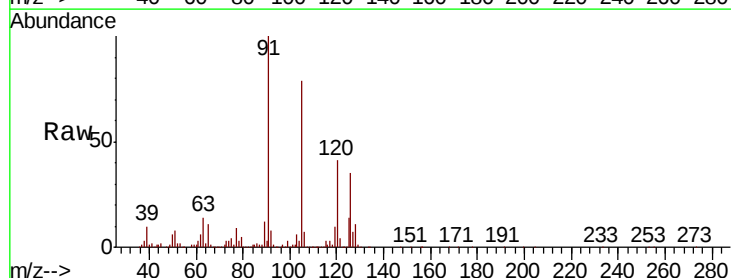
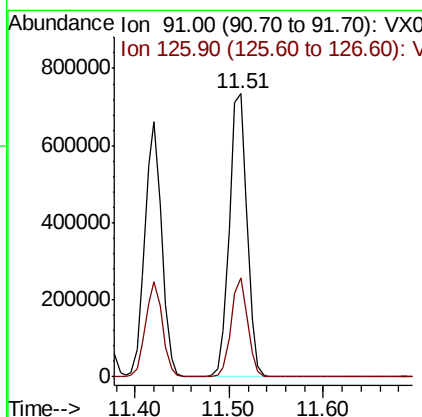
RT: 11.51 min Scan# 1699

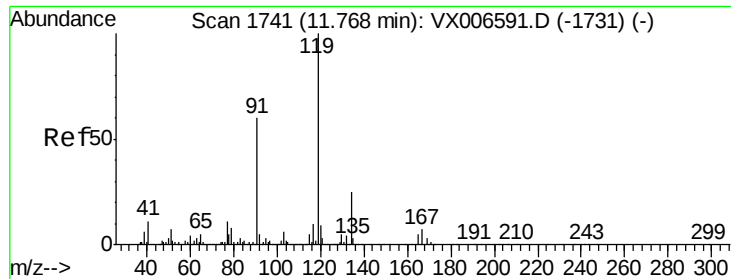
Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Tgt Ion:	91	Resp:	958574
Ion Ratio	Lower	Upper	
91	100		
126	32.7	16.3	48.9





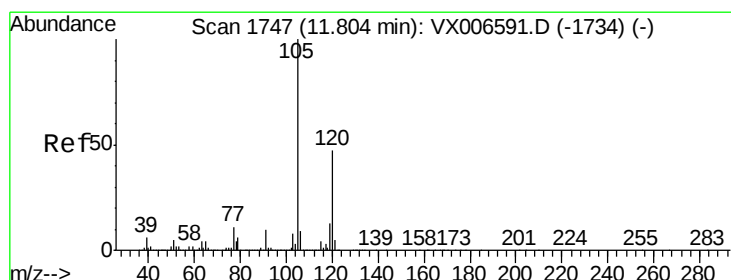
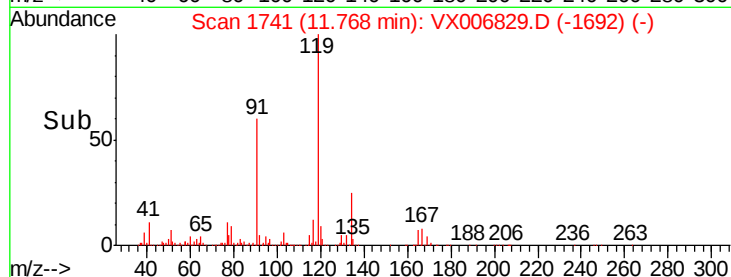
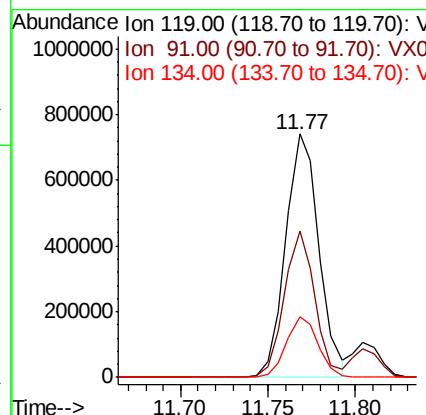
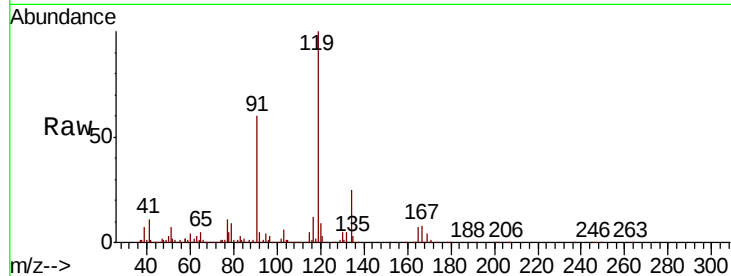
#83
tert-Butylbenzene
Concen: 46.295 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.4	27.7	83.1
134	24.0	11.9	35.5

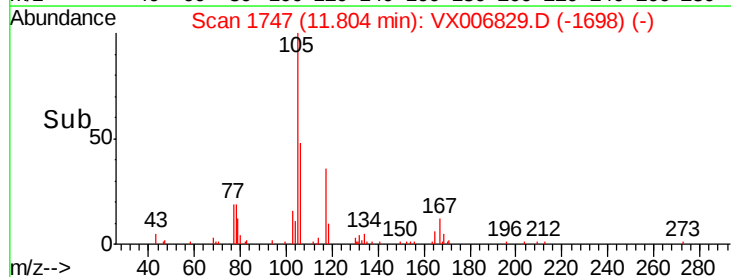
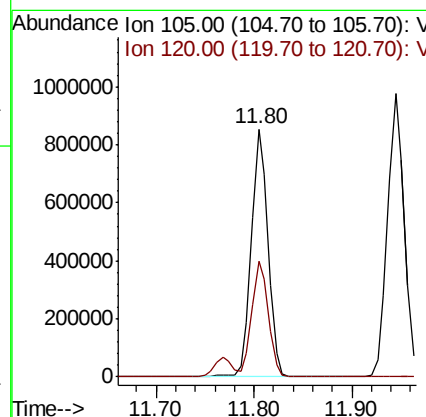
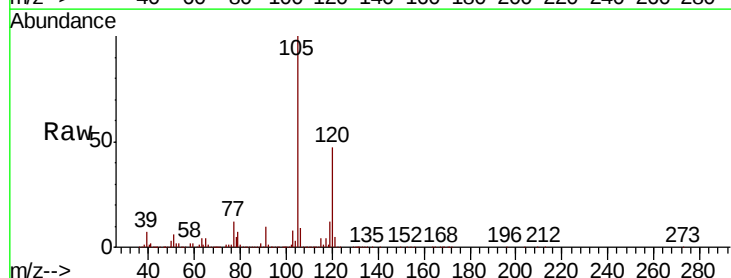
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#84
1,2,4-Trimethylbenzene
Concen: 45.252 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.2	69.6





#85

sec-Butylbenzene

Concen: 44.294 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1154669

Ion Ratio Lower Upper

105 100

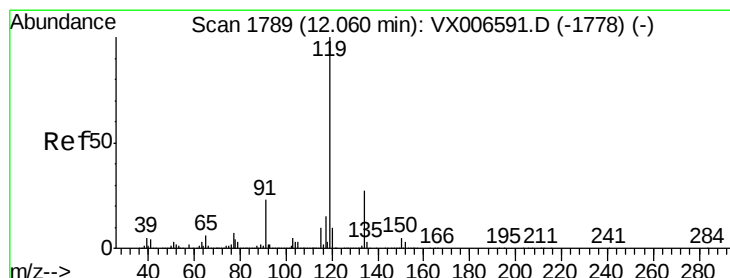
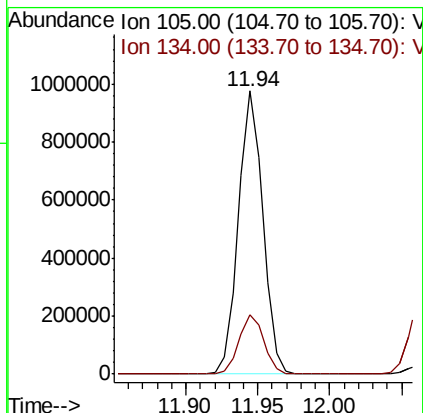
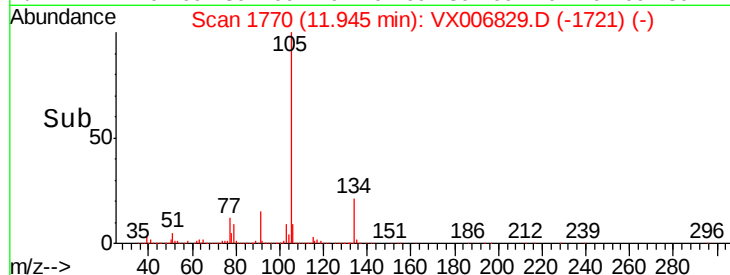
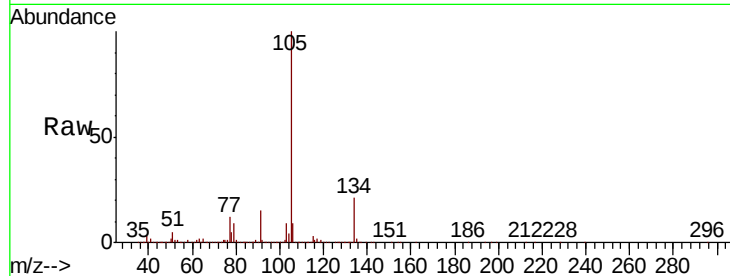
134 21.3 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 44.957 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006829.D

Acq: 26 Dec 2018 20:02

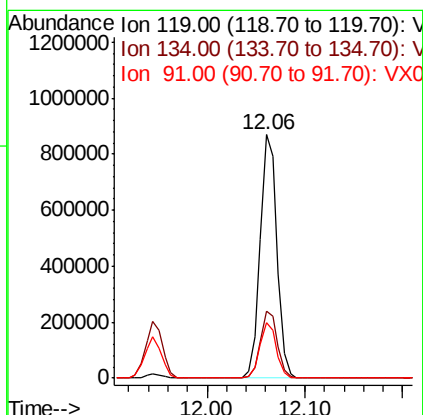
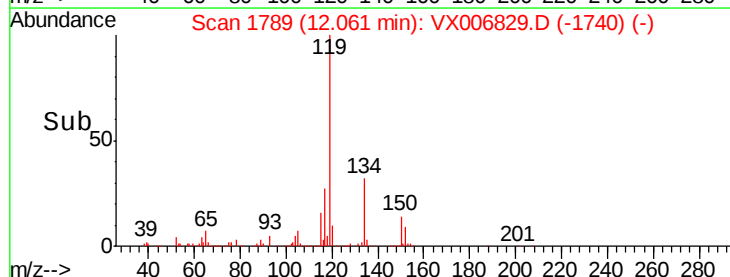
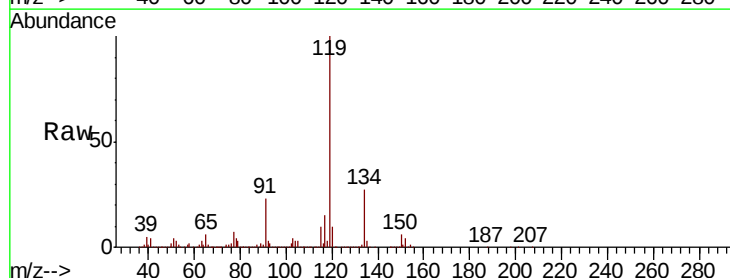
Tgt Ion:119 Resp: 1030214

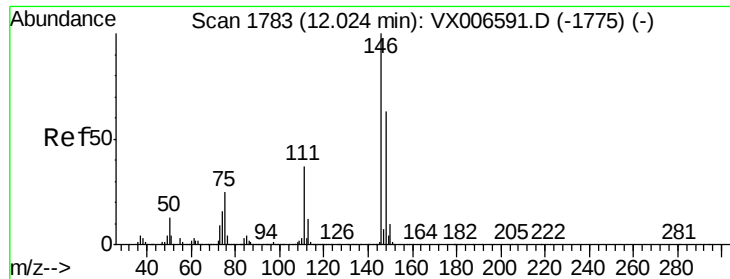
Ion Ratio Lower Upper

119 100

134 27.6 14.0 41.9

91 22.6 11.3 33.9





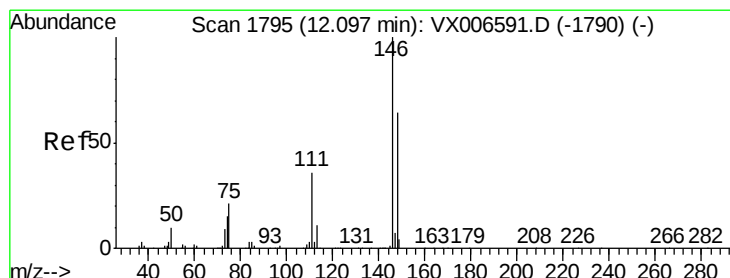
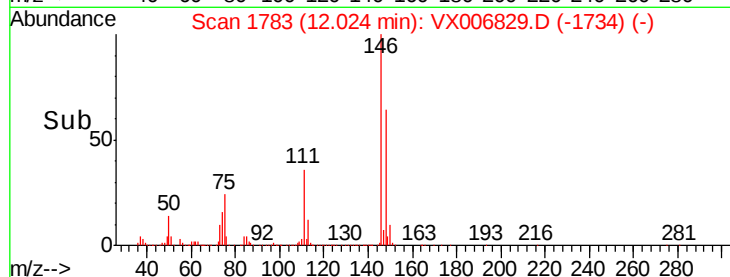
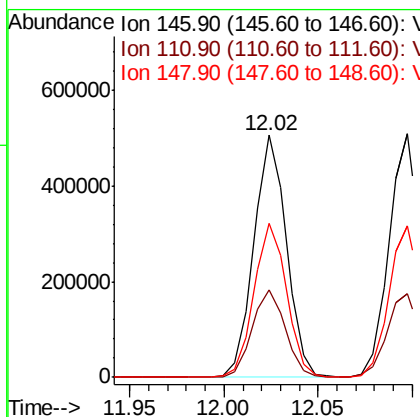
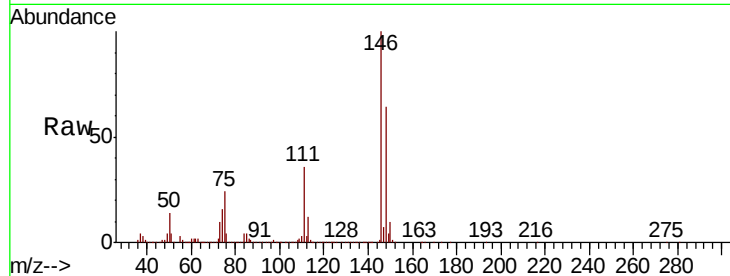
#87
 1,3-Dichlorobenzene
 Concen: 48.228 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	63.9	31.8	95.3

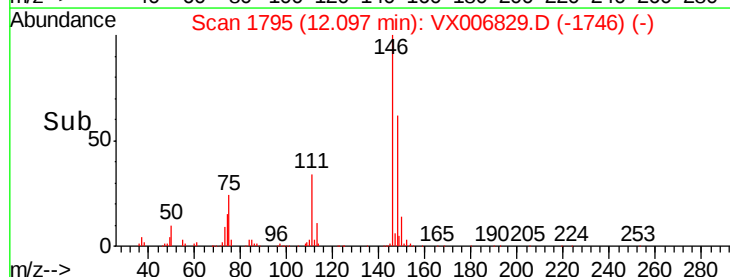
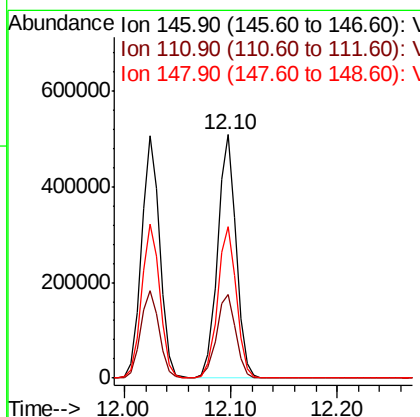
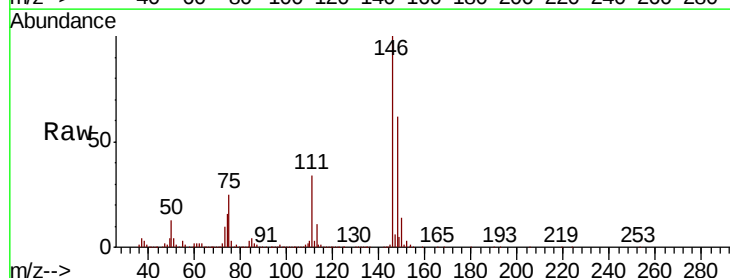
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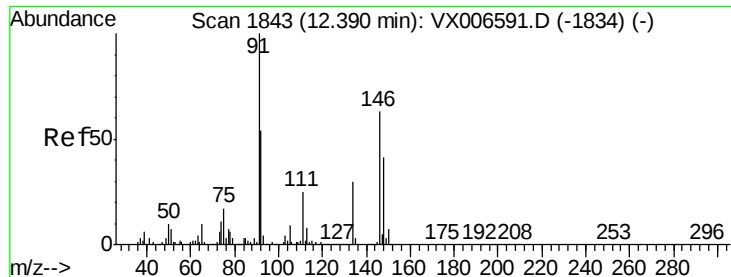
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#88
 1,4-Dichlorobenzene
 Concen: 47.270 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.1
148	63.2	31.9	95.9





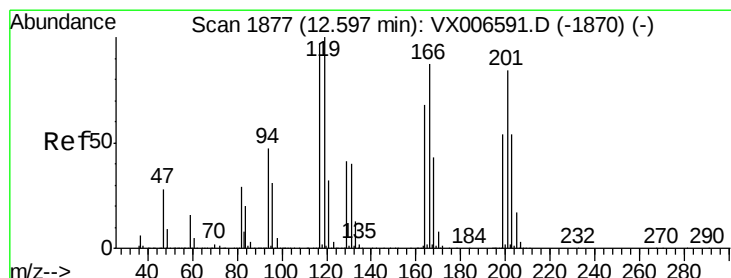
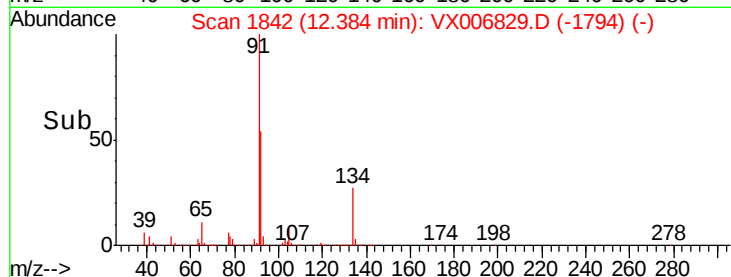
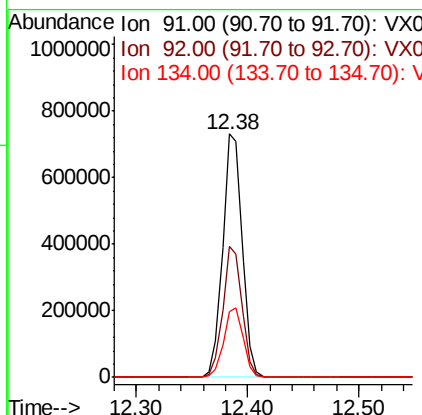
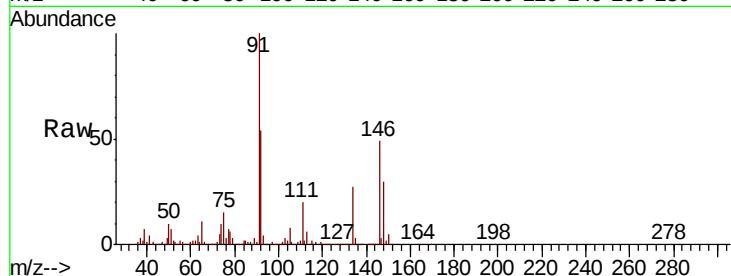
#89
n-Butylbenzene
Concen: 45.470 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.8	80.4
134	28.5	14.4	43.2

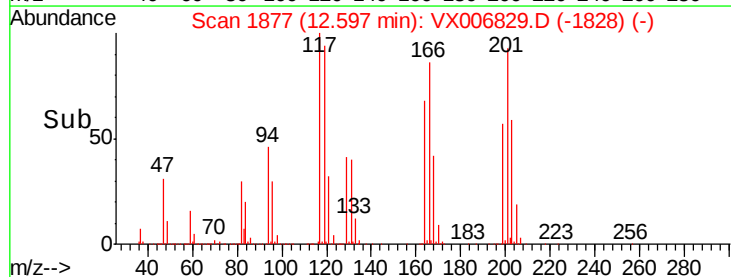
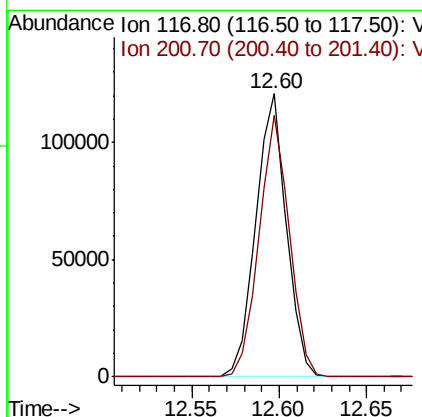
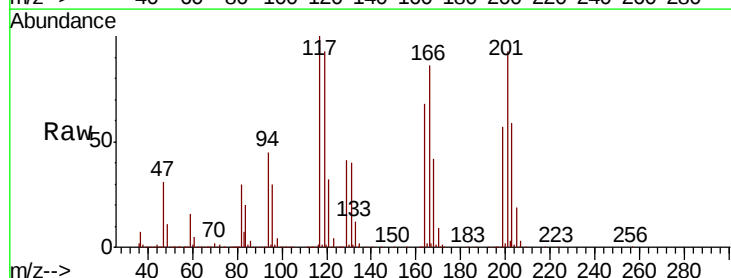
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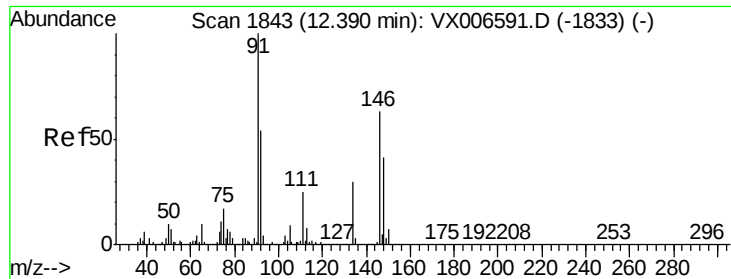
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#90
Hexachloroethane
Concen: 41.503 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.6	42.9	128.7





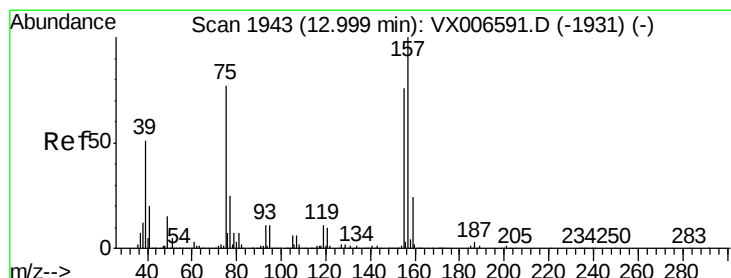
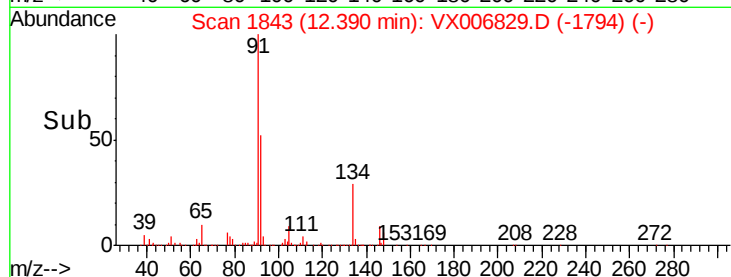
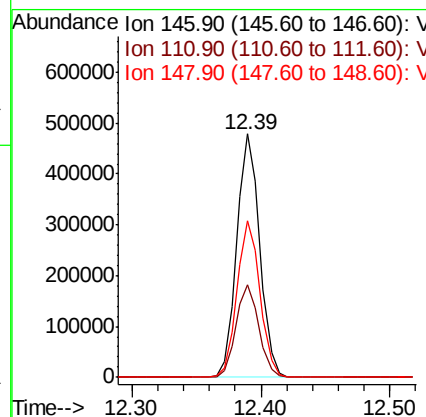
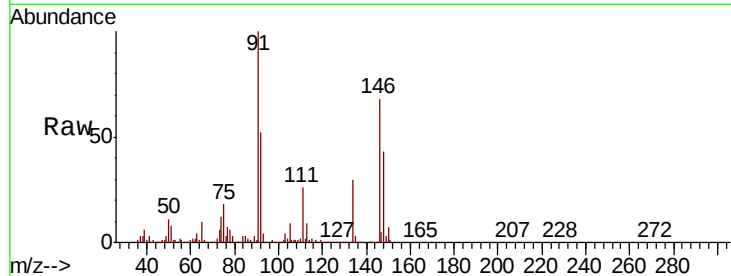
#91
 1,2-Dichlorobenzene
 Concen: 47.443 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.2
148	64.3	32.3	96.9

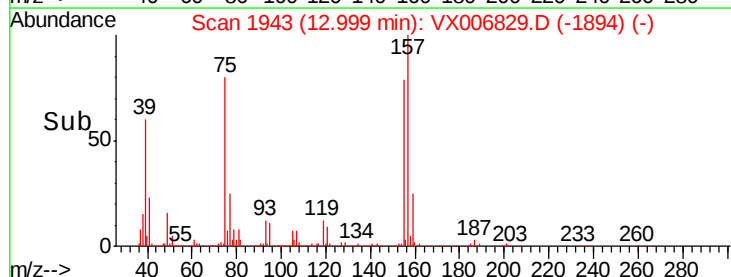
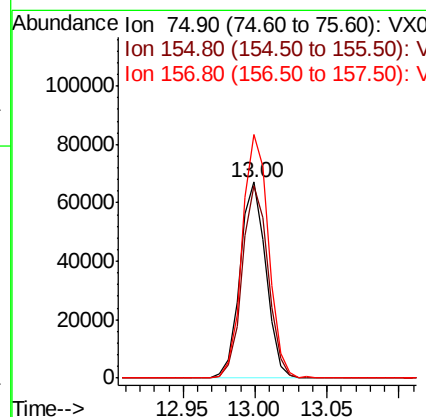
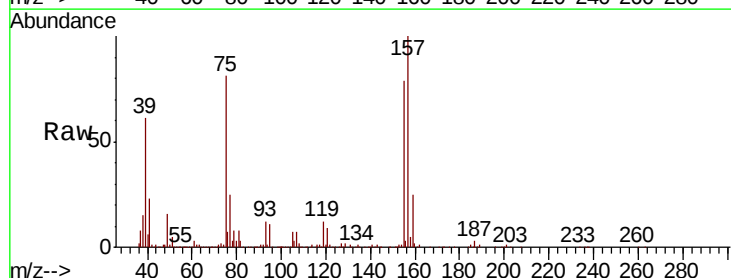
Manual Integrations
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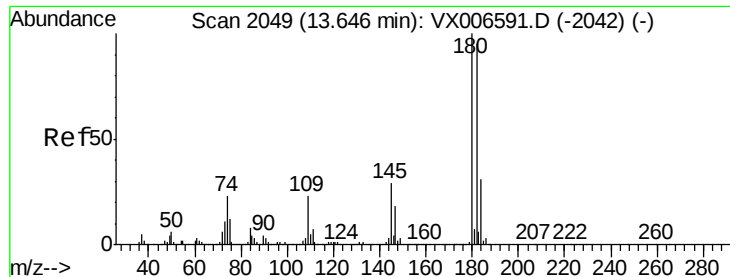
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.974 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	50.6	151.8
157	125.7	64.6	193.8





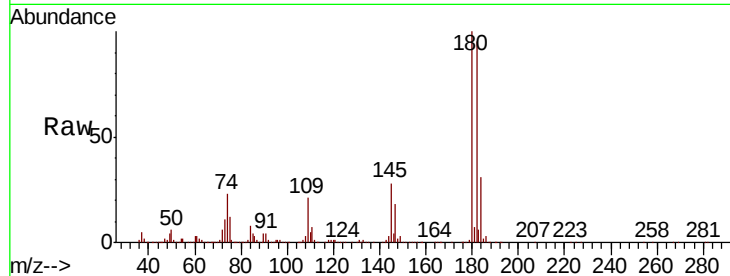
#93
 1,2,4-Trichlorobenzene
 Concen: 43.992 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.4	47.3	142.0	
145	28.8	14.8	44.3	

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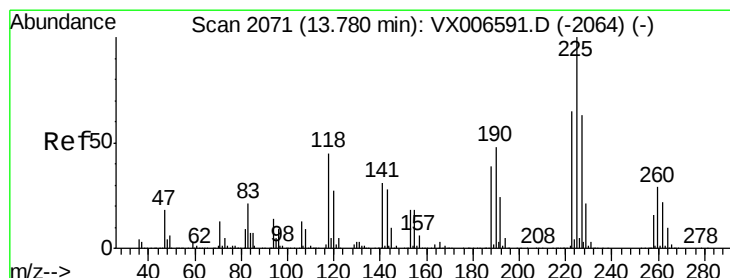
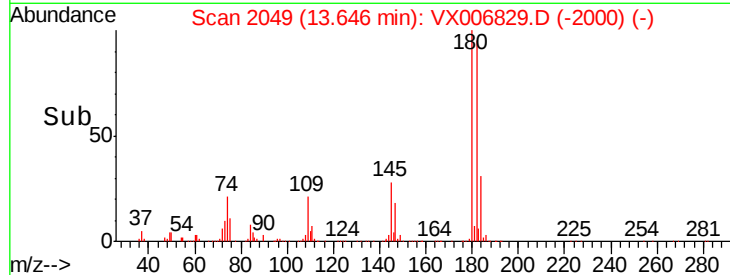
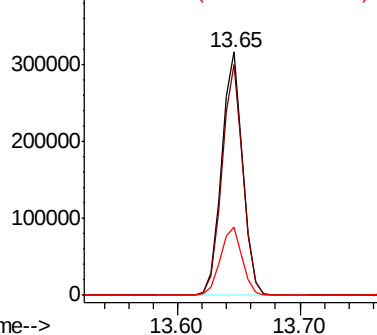


Abundance

Ion 179.80 (179.50 to 180.50): V

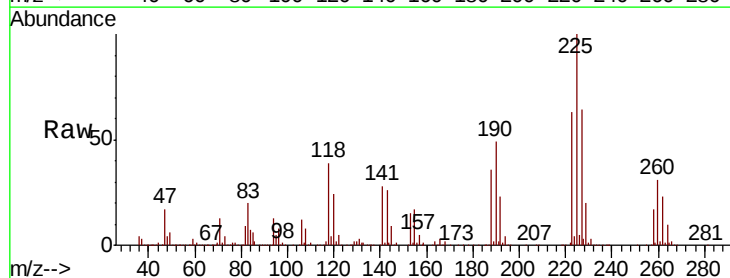
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 40.301 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006829.D
 Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	32.1	96.3	
227	65.5	32.3	96.8	

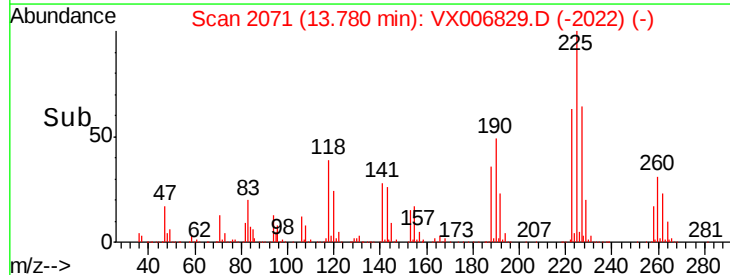
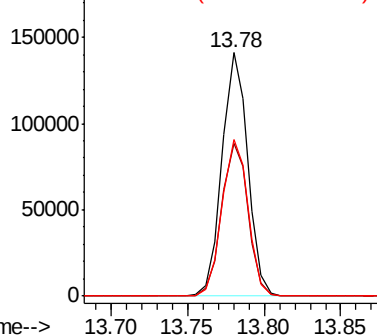


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





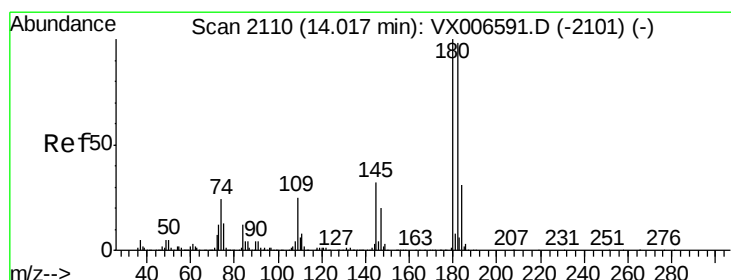
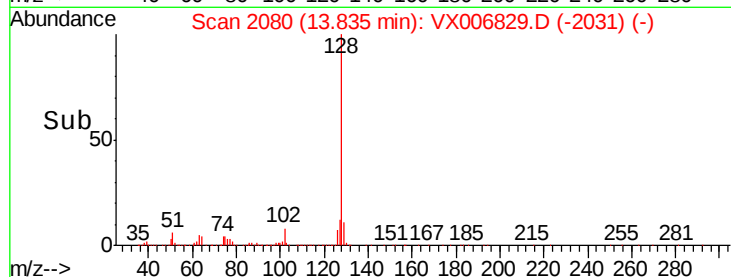
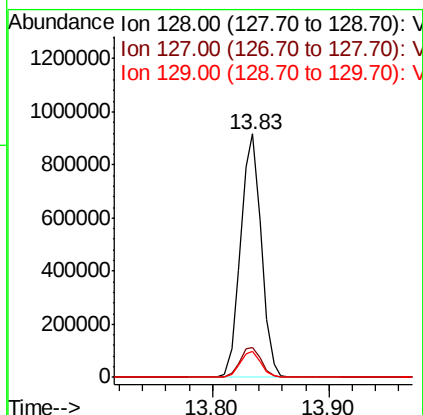
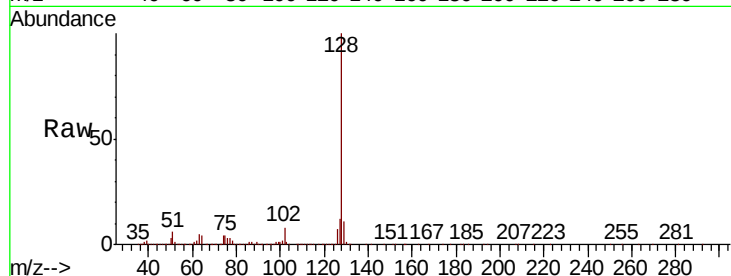
#95
Naphthalene
Concen: 41.086 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
12/27/2018 9:40:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 41.758 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006829.D
Acq: 26 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.5	145.5
145	30.0	16.0	47.9

