

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010319\
 Data File : VX006905.D
 Acq On : 03 Jan 2019 19:51
 Operator : JC/MD
 Sample : K1032-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MS

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 10:01:29 AM

Quant Time: Jan 04 05:52:12 2019
 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	5.67	168	506989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	773611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	694557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	351864	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	282499	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	5.50	113	259066	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	8.71	98	919587	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	331163	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	167451	36.104	ug/l	97
3) Chloromethane	1.33	50	207255	41.477	ug/l	98
4) Vinyl Chloride	1.41	62	525962	100.784	ug/l	99
5) Bromomethane	1.64	94	224152	45.868	ug/l	98
6) Chloroethane	1.71	64	154012	42.621	ug/l	98
7) Trichlorofluoromethane	1.93	101	373227	45.871	ug/l	98
8) Diethyl Ether	2.19	74	159226	49.270	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	206809	43.290	ug/l	99
10) Methyl Iodide	2.51	142	349353	51.086	ug/l	99
11) Tert butyl alcohol	3.08	59	308044	252.611	ug/l	99
12) 1,1-Dichloroethene	2.37	96	209419	46.231	ug/l	97
13) Acrolein	2.30	56	147107	178.823	ug/l	99
14) Allyl chloride	2.73	41	377747	49.542	ug/l	98
15) Acrylonitrile	3.15	53	722360	266.796	ug/l	100
16) Acetone	2.45	43	664206	264.583	ug/l	99
17) Carbon Disulfide	2.57	76	439251	36.642	ug/l	100
18) Methyl Acetate	2.78	43	425011	57.576	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	818472	54.440	ug/l	99
20) Methylene Chloride	2.86	84	255198	49.161	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	257442	51.293	ug/l	99
22) Diisopropyl ether	3.87	45	752022	53.912	ug/l	94
23) Vinyl Acetate	3.82	43	2851075	249.879	ug/l	99
24) 1,1-Dichloroethane	3.70	63	413255	49.629	ug/l	99
25) 2-Butanone	4.70	43	887192	251.246	ug/l	99
26) 2,2-Dichloropropane	4.58	77	262751	40.849	ug/l	77
27) cis-1,2-Dichloroethene	4.60	96	1026032	185.286	ug/l	94
28) Bromochloromethane	5.02	49	192489	55.024	ug/l	97
29) Tetrahydrofuran	5.15	42	600426	258.166	ug/l	98
30) Chloroform	5.21	83	442225	51.285	ug/l	98
31) Cyclohexane	5.57	56	311094	41.124	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	364516	50.063	ug/l	98
36) 1,1-Dichloropropene	5.80	75	293830	45.859	ug/l	100
37) Ethyl Acetate	4.85	43	331402	49.694	ug/l	98
38) Carbon Tetrachloride	5.78	117	310981	49.942	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	318936	37.809	ug/l	97
40) Benzene	6.14	78	967485	49.676	ug/l	99
41) Methacrylonitrile	5.06	41	198225	55.986	ug/l	98
42) 1,2-Dichloroethane	6.20	62	333211	50.208	ug/l	100
43) Isopropyl Acetate	6.46	43	553102	54.509	ug/l	99
44) Trichloroethene	7.21	130	277162	47.018	ug/l	99
45) 1,2-Dichloropropane	7.51	63	248380	52.407	ug/l	100
46) Dibromomethane	7.66	93	174883	50.165	ug/l	96
47) Bromodichloromethane	7.90	83	311212	53.771	ug/l	97
48) Methyl methacrylate	7.77	41	288042	55.822	ug/l	97
49) 1,4-Dioxane	7.75	88	119450	882.422	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1750948	271.205	ug/l	100
52) Toluene	8.79	92	611780	48.622	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	337840	54.426	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	363067	53.306	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	267639	51.967	ug/l	98
56) Ethyl methacrylate	9.18	69	388712	53.401	ug/l	96
57) 1,3-Dichloropropane	9.37	76	424865	51.275	ug/l	99
59) 2-Hexanone	9.49	43	1302680	263.715	ug/l	99
60) Dibromochloromethane	9.59	129	272138	50.498	ug/l	99
61) 1,2-Dibromoethane	9.67	107	287237	52.465	ug/l	99
64) Tetrachloroethene	9.34	164	259564	47.195	ug/l	96
65) Chlorobenzene	10.14	112	724233	49.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	263122	57.394	ug/l	100
67) Ethyl Benzene	10.25	91	1162581	48.419	ug/l	98
68) m/p-Xylenes	10.36	106	918180	96.909	ug/l	100
69) o-Xylene	10.70	106	453929	48.517	ug/l	98
70) Stvrene	10.71	104	736428	49.753	ug/l	100
71) Bromoform	10.86	173	197966	48.063	ug/l	99
73) Isopropylbenzene	11.02	105	1191282	49.489	ug/l	99
74) N-amyl acetate	10.90	43	472650	54.856	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	391254	54.652	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	358527m	54.828	ug/l	
77) Bromobenzene	11.26	156	325296	49.985	ug/l	99
78) n-propylbenzene	11.36	91	1310404	49.435	ug/l	100
79) 2-Chlorotoluene	11.42	91	773724	48.165	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	971989	49.023	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100252	46.940	ug/l	99
82) 4-Chlorotoluene	11.51	91	900743	48.883	ug/l	100
83) tert-Butylbenzene	11.77	119	1008296	50.812	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1003770	48.132	ug/l	100
85) sec-Butylbenzene	11.94	105	1163432	47.820	ug/l	100
86) p-Isopropyltoluene	12.06	119	1036933	48.485	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	569605	48.564	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	579113	48.164	ug/l	100
89) n-Butylbenzene	12.39	91	877506	48.212	ug/l	99
90) Hexachloroethane	12.60	117	159591	47.833	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	583655	49.745	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79451	53.636	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	392866	48.542	ug/l	99

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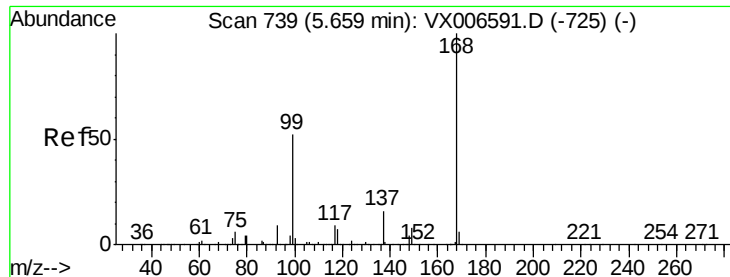
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	160261	42.011	ug/l	99
95) Naphthalene	13.83	128	1272065	49.246	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	395923	47.381	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

S32-0645MS

Tot Ion:168 Resp: 506989

Ion Ratio Lower Upper

168 100

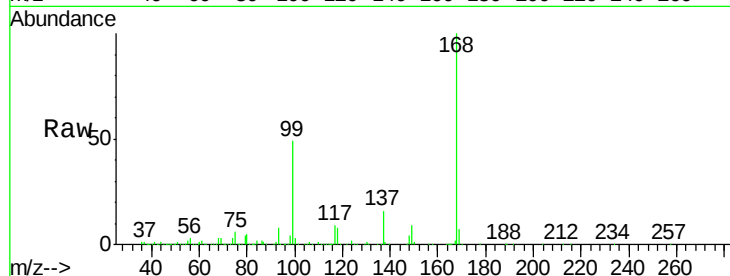
99 48.7 41.8 62.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

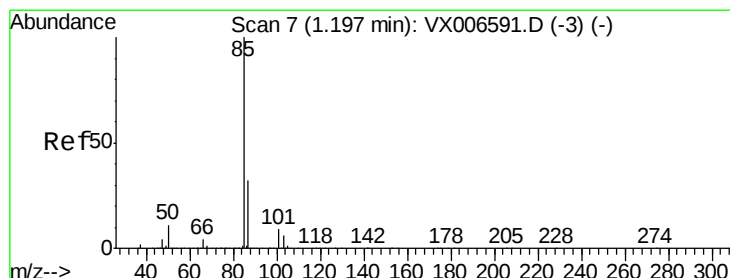
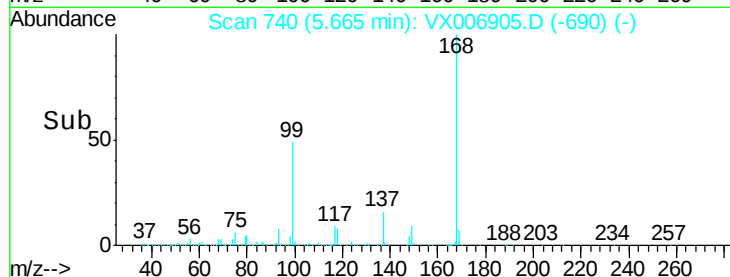
100000

50000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 36.104 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006905.D

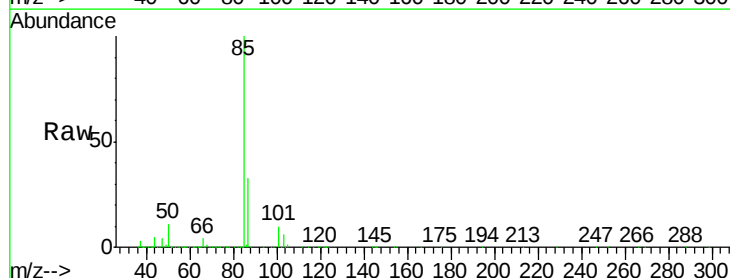
Acq: 03 Jan 2019 19:51

Tgt Ion: 85 Resp: 167451

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

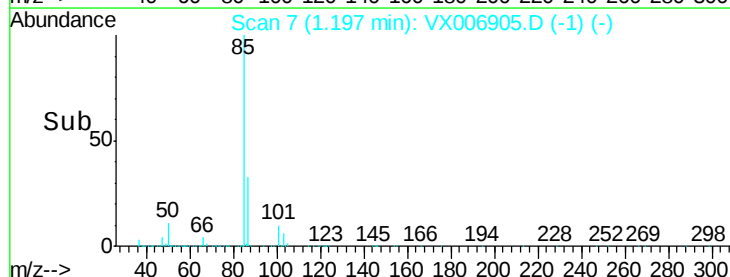
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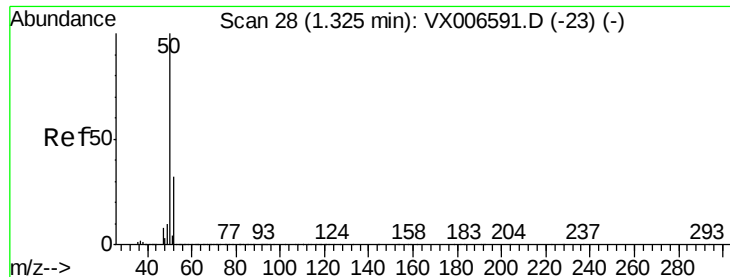
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.477 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

Tot Ion: 50 Resp: 207255

Ion Ratio Lower Upper

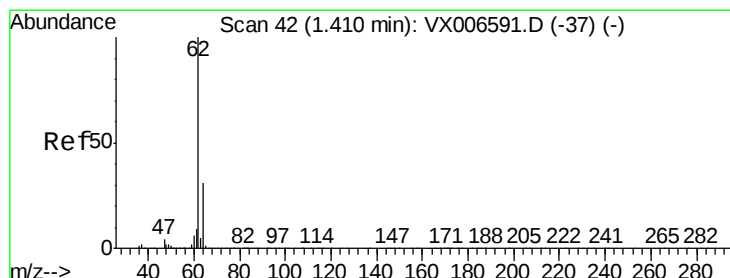
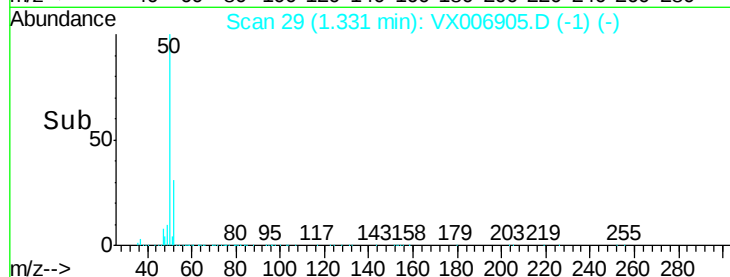
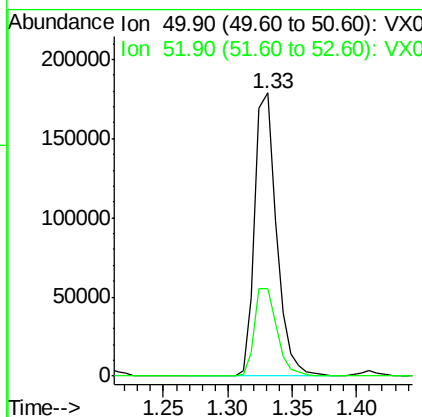
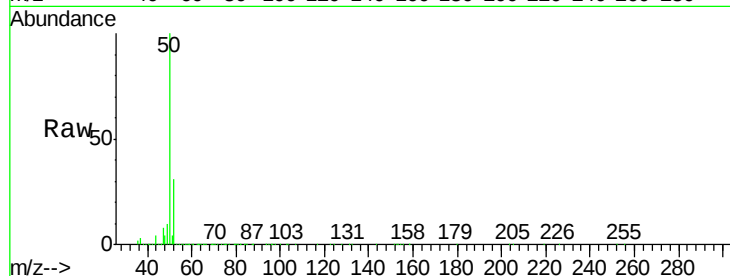
50 100

52 30.7 25.4 38.2

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1/4/2019 10:01:29 AM



#4

Vinyl Chloride

Concen: 100.784 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006905.D

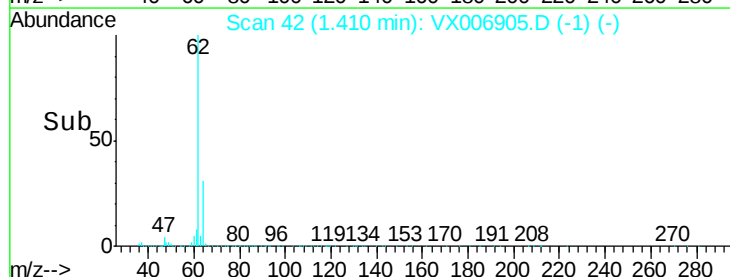
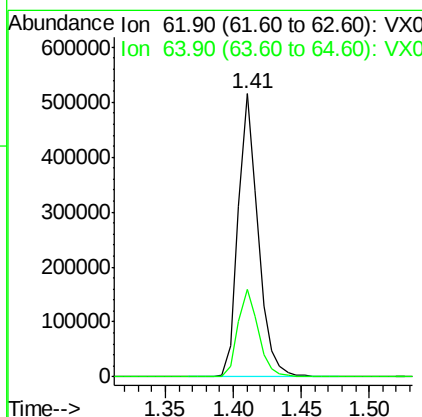
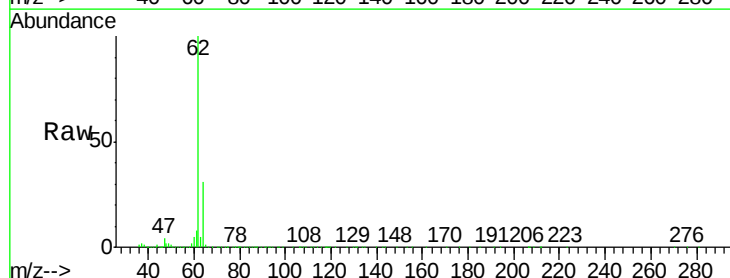
Acq: 03 Jan 2019 19:51

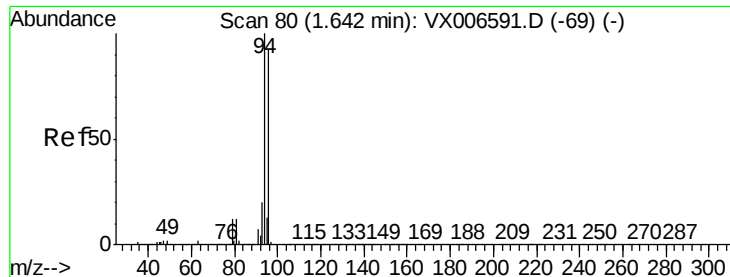
Tgt Ion: 62 Resp: 525962

Ion Ratio Lower Upper

62 100

64 31.0 25.1 37.7





#5

Bromomethane

Concen: 45.868 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

Tot Ion: 94 Resp: 224152

Ion Ratio Lower Upper

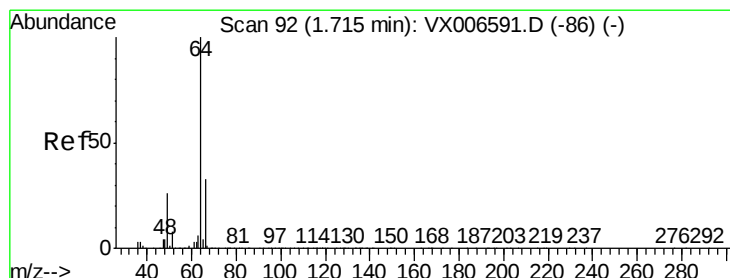
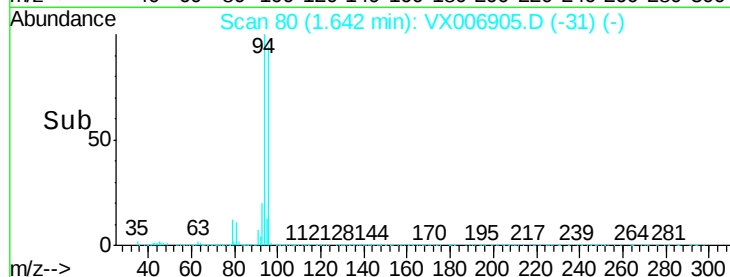
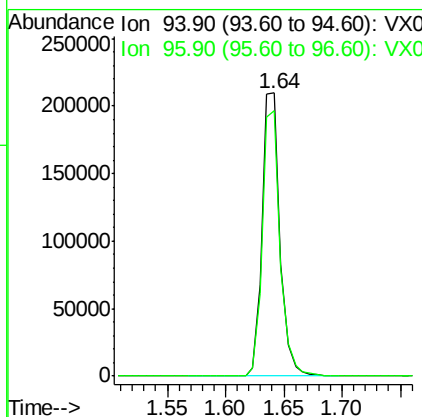
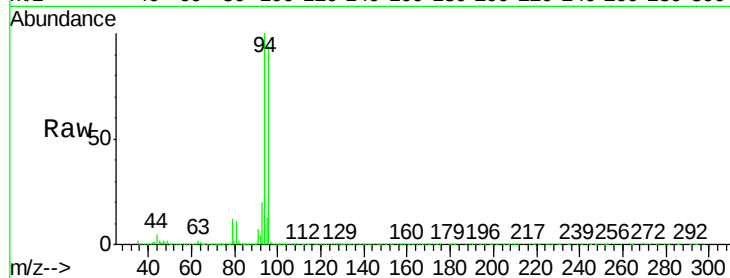
94 100

96 93.7 73.4 110.2

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1/4/2019 10:01:29 AM



#6

Chloroethane

Concen: 42.621 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006905.D

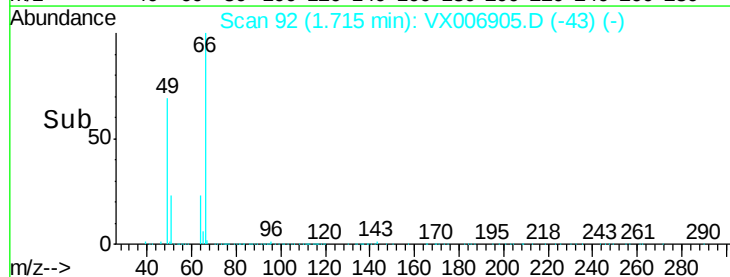
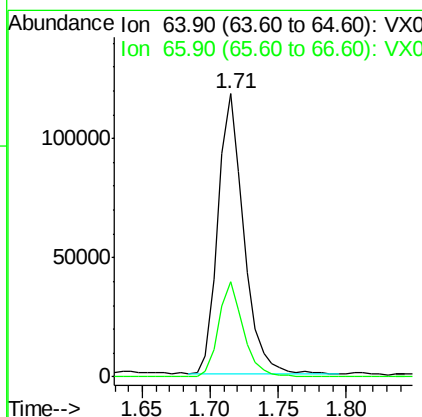
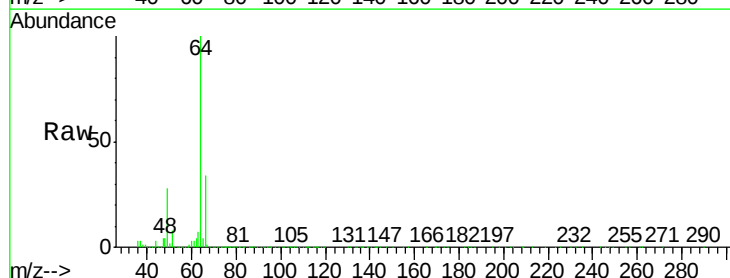
Acq: 03 Jan 2019 19:51

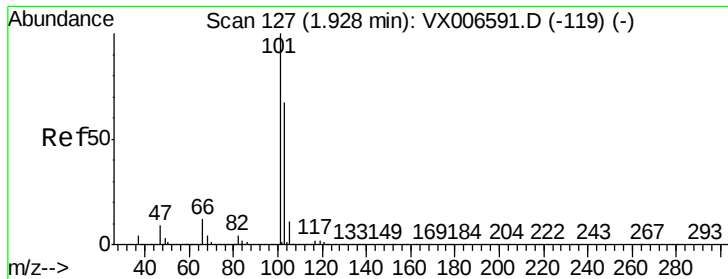
Tgt Ion: 64 Resp: 154012

Ion Ratio Lower Upper

64 100

66 33.9 26.4 39.6





#7

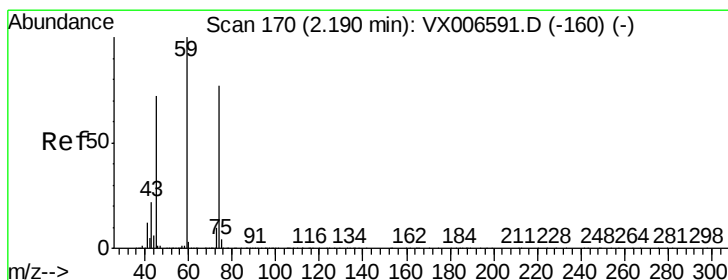
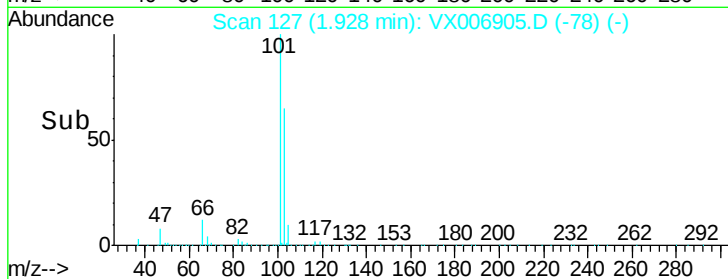
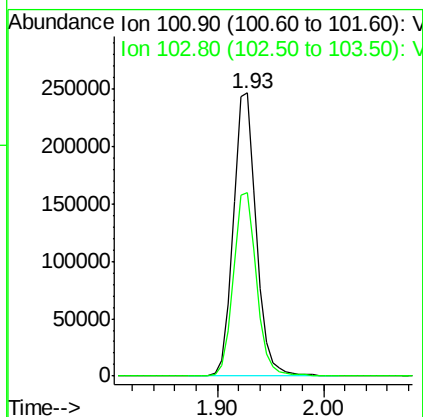
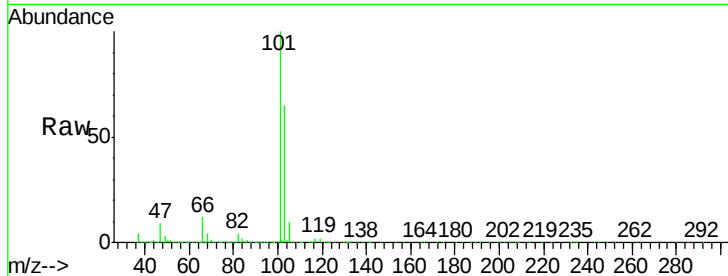
Trichlorofluoromethane
Concen: 45.871 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	53.2	79.8

Manual Integrations
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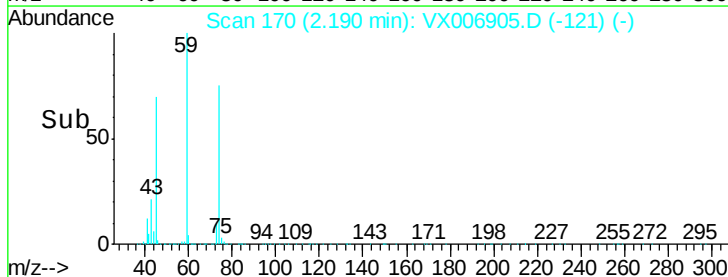
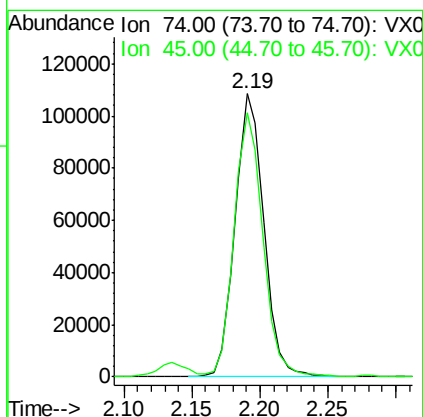
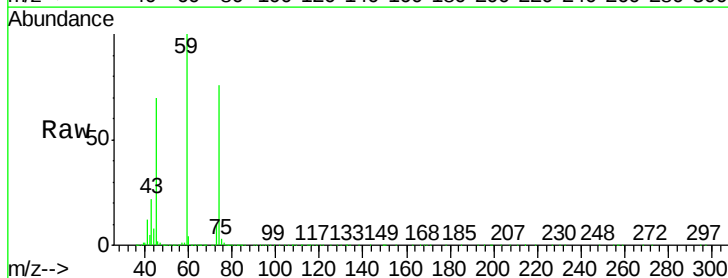
MMDadoda
1/4/2019 10:01:29 AM

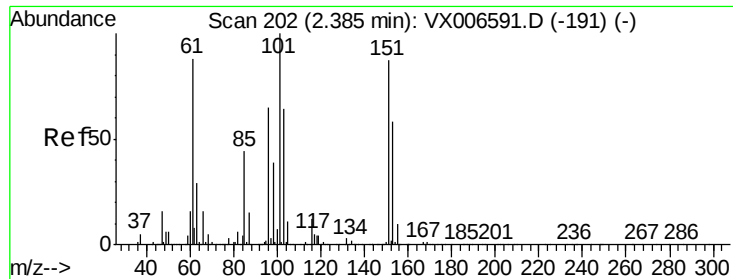


#8

Diethyl Ether
Concen: 49.270 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.9	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.290 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

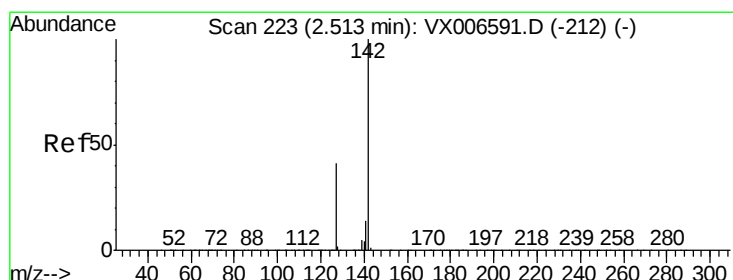
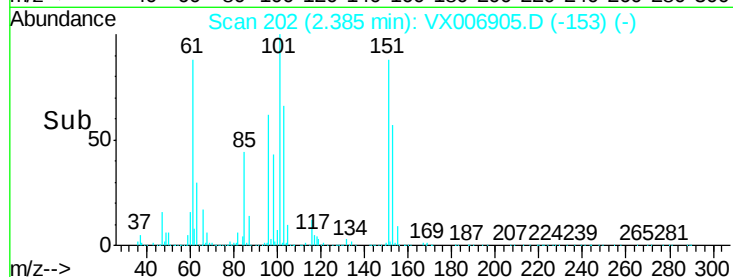
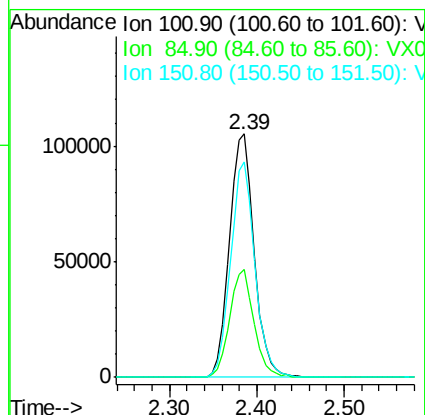
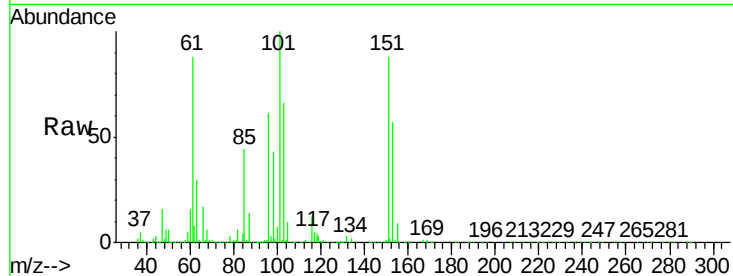
ClientSampleId :

S32-0645MS

Tot Ion:	101	Resp:	206809
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.1	52.7
151	87.4	68.9	103.3

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#10

Methyl Iodide

Concen: 51.086 ug/l

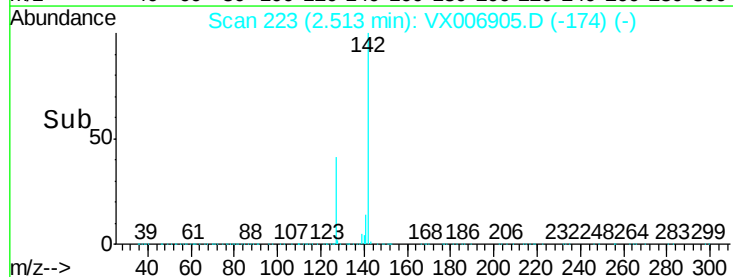
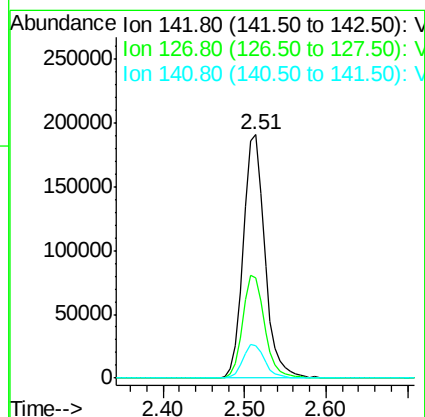
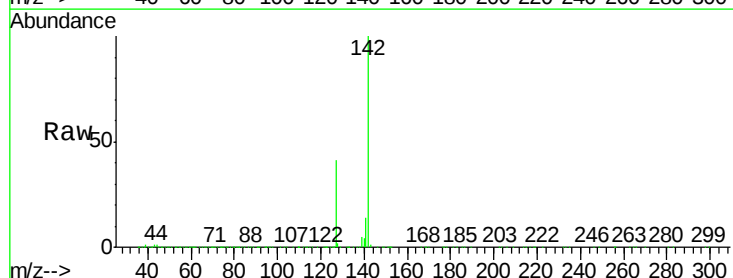
RT: 2.51 min Scan# 223

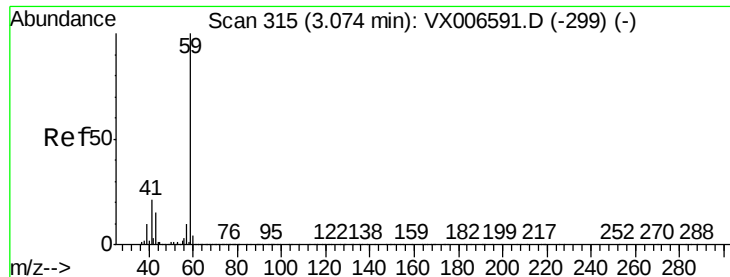
Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Tgt Ion:	142	Resp:	349353
Ion Ratio	Lower	Upper	
142	100		
127	43.0	33.9	50.9
141	14.2	11.4	17.0





#11

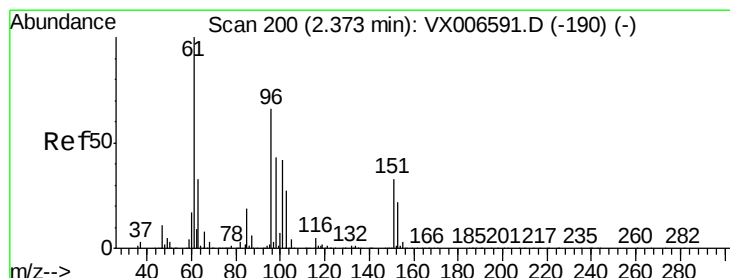
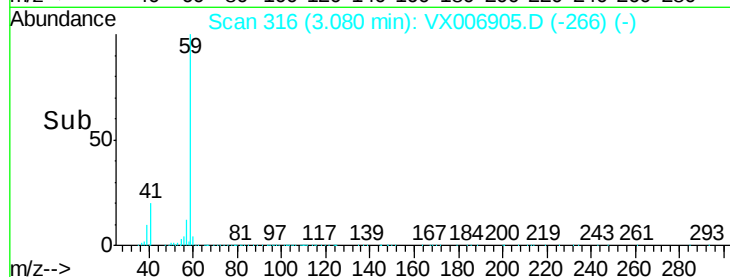
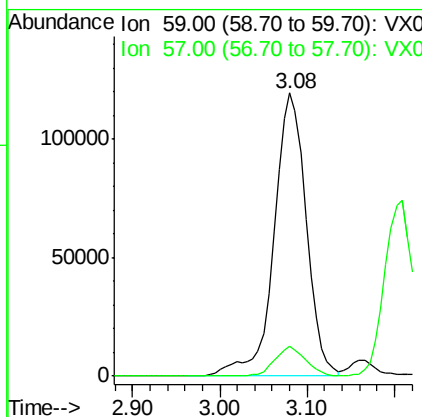
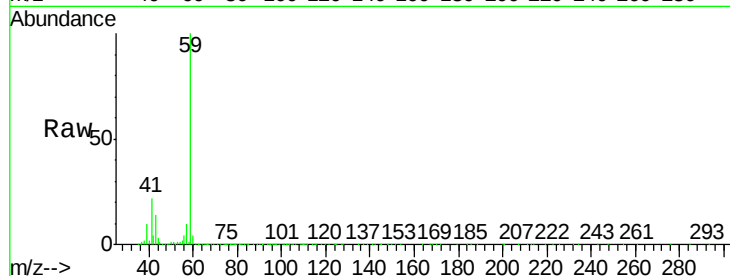
Tert butyl alcohol
Concen: 252.611 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

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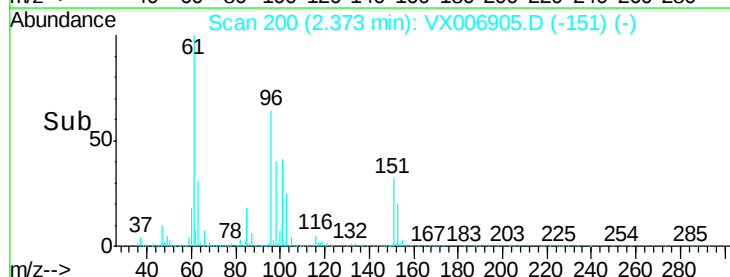
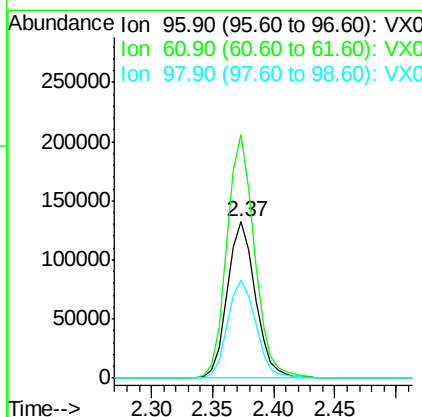
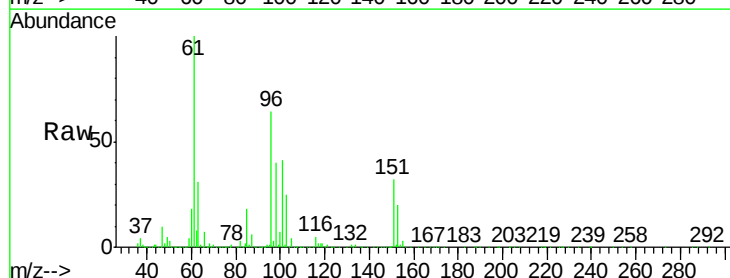
MMDadoda
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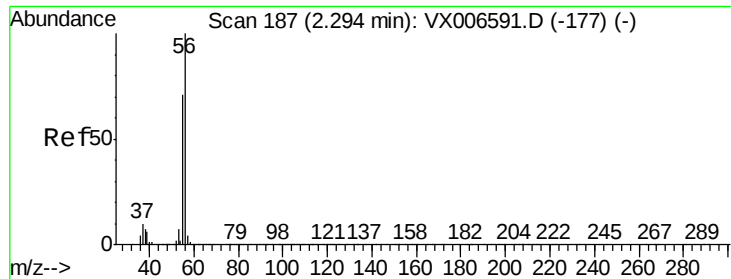


#12

1,1-Dichloroethene
Concen: 46.231 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.0	121.4	182.2
98	62.2	51.9	77.9





#13

Acrolein

Concen: 178.823 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

Tot Ion: 56 Resp: 147107

Ion Ratio Lower Upper

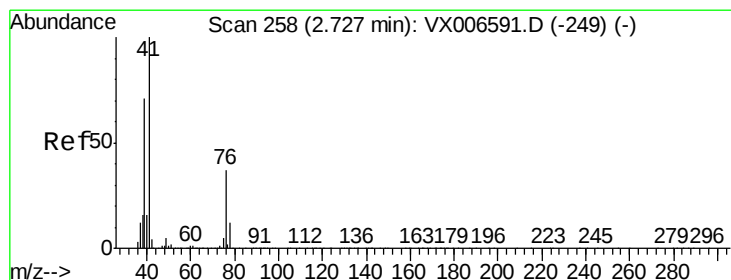
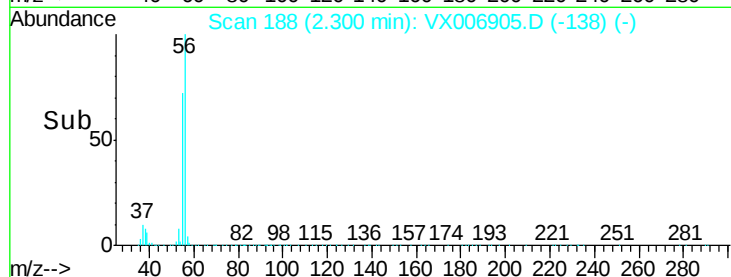
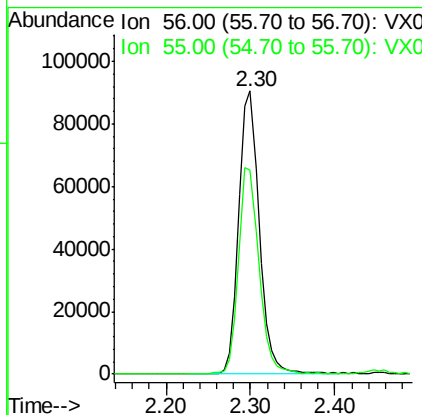
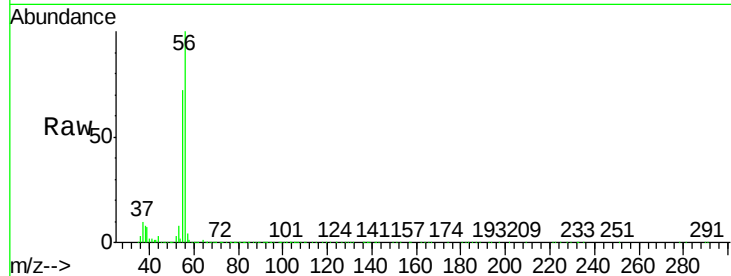
56 100

55 73.7 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 49.542 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

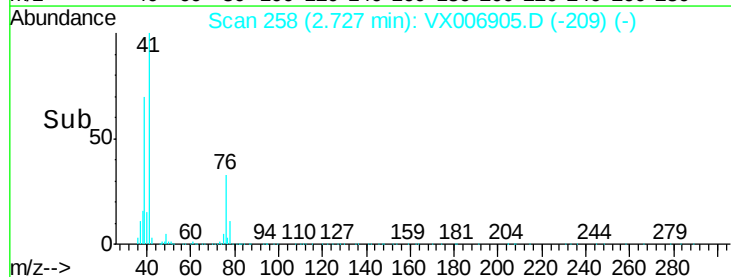
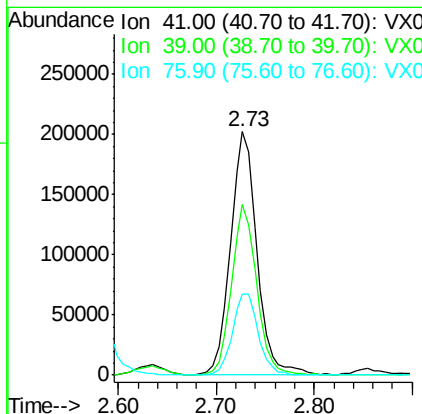
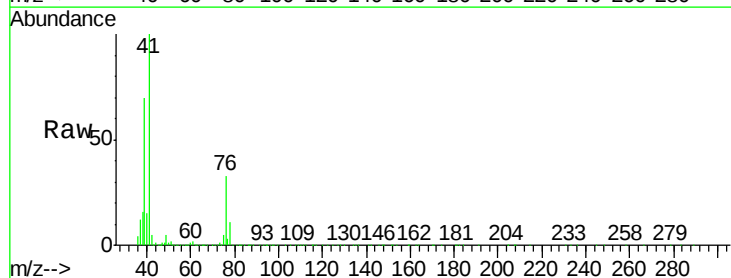
Tgt Ion: 41 Resp: 377747

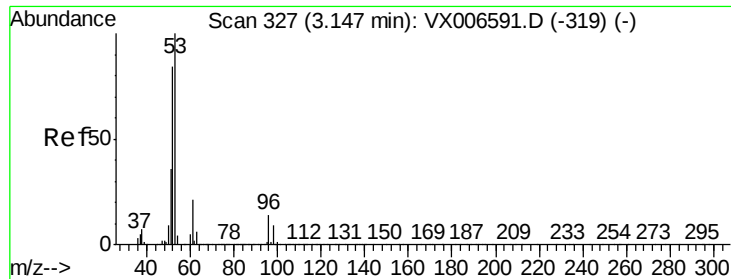
Ion Ratio Lower Upper

41 100

39 66.1 53.6 80.4

76 32.7 27.4 41.2





#15

Acrylonitrile

Concen: 266.796 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

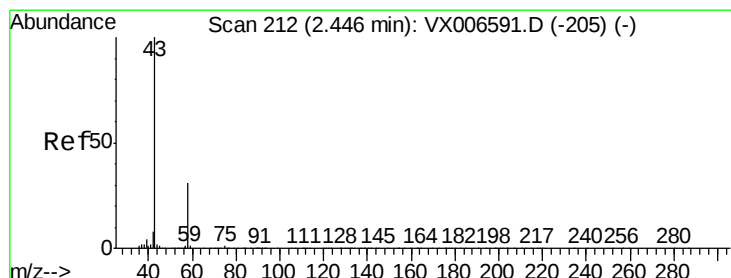
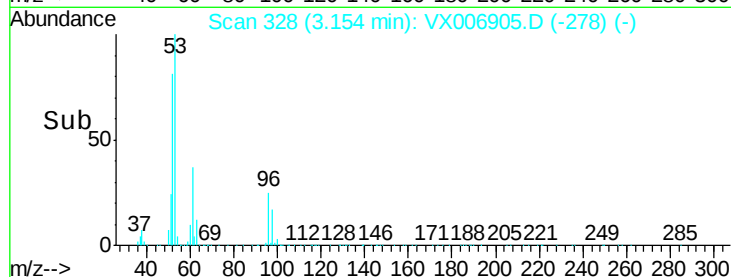
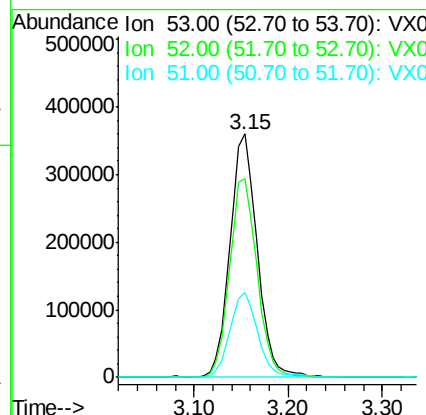
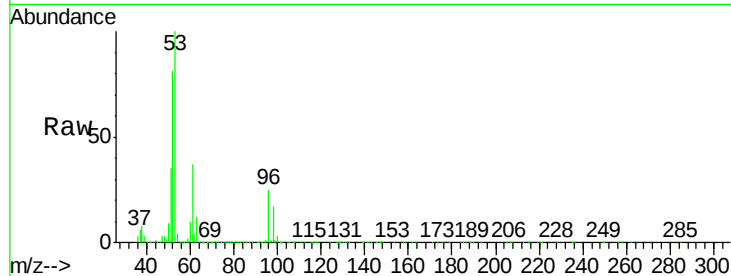
ClientSampleId :

S32-0645MS

Tot Ion:	53	Resp:	722360
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.0	99.0
51	35.7	28.6	42.8

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#16

Acetone

Concen: 264.583 ug/l

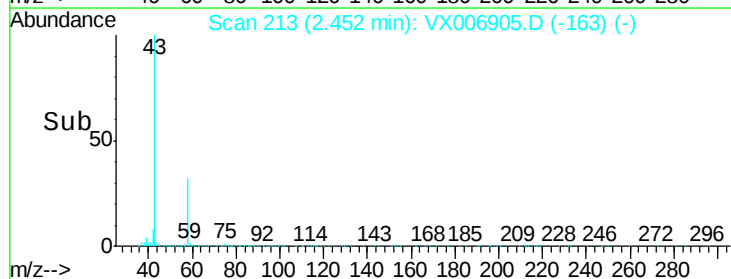
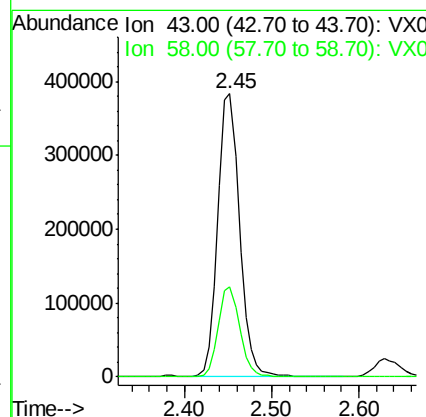
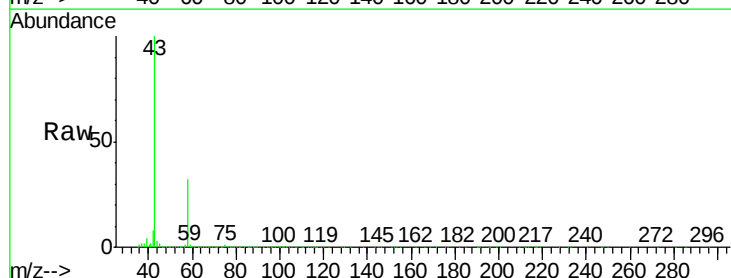
RT: 2.45 min Scan# 213

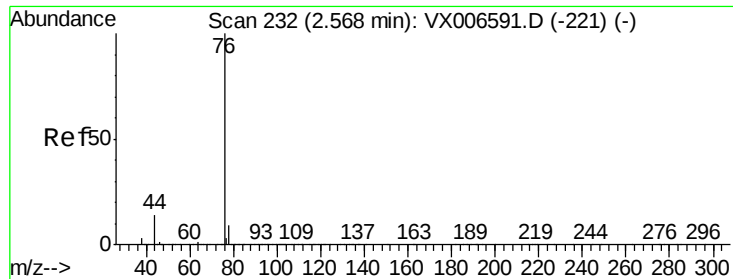
Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Tgt Ion:	43	Resp:	664206
Ion Ratio	Lower	Upper	
43	100		
58	31.9	25.0	37.6





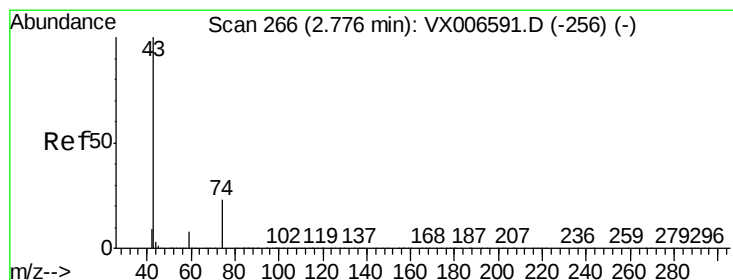
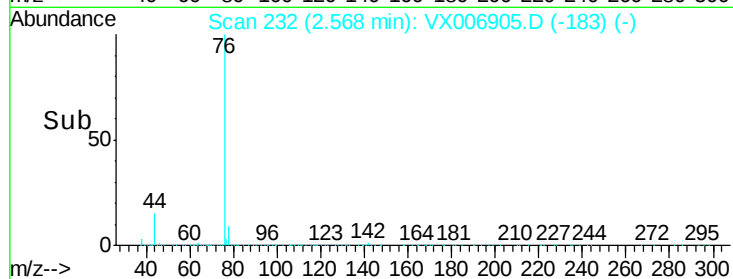
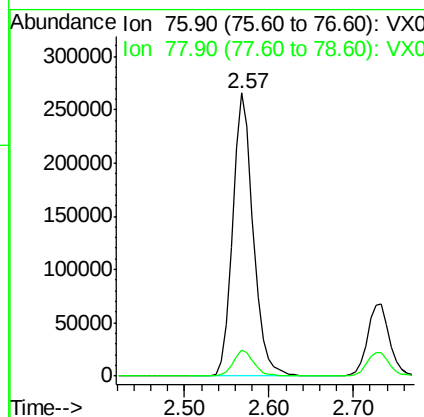
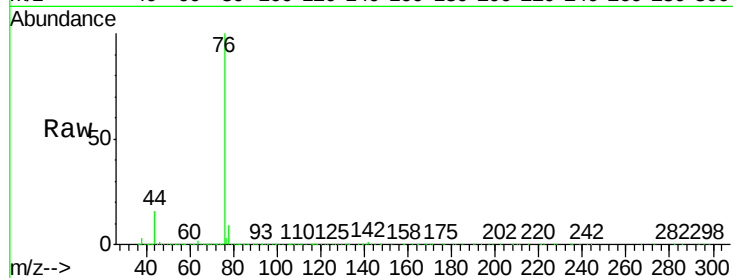
#17
Carbon Disulfide
Concen: 36.642 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

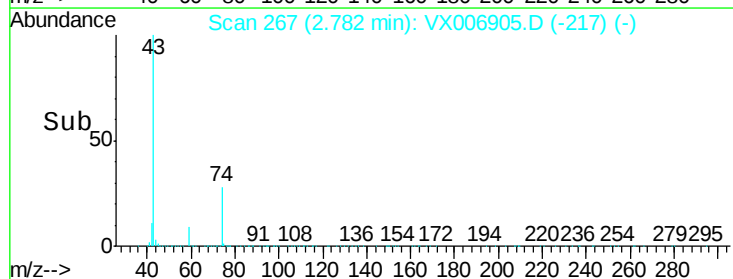
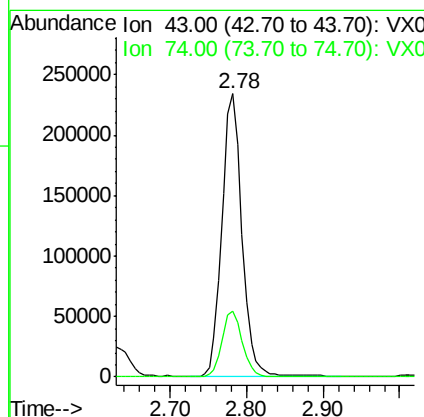
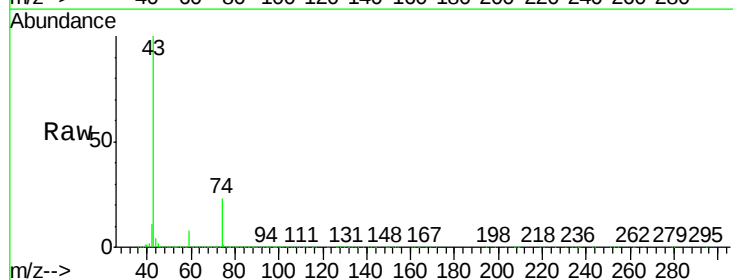
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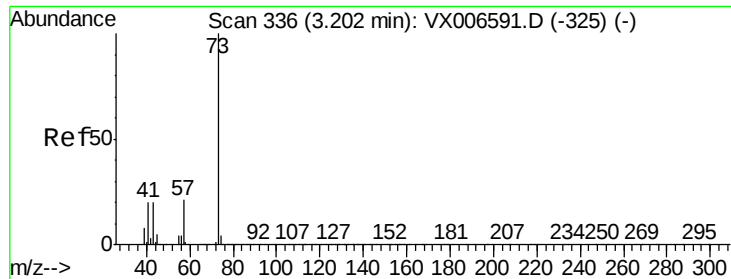
MMDadoda
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#18
Methyl Acetate
Concen: 57.576 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.6	28.0





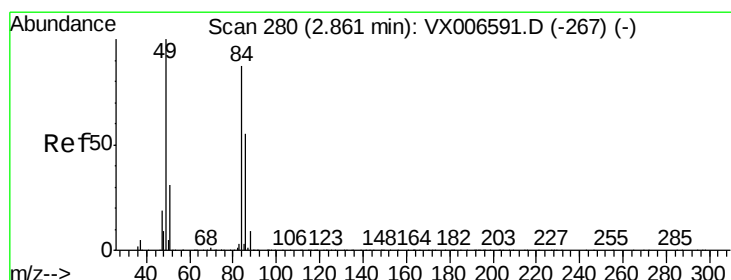
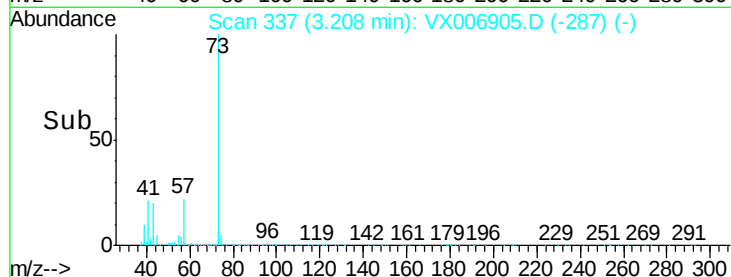
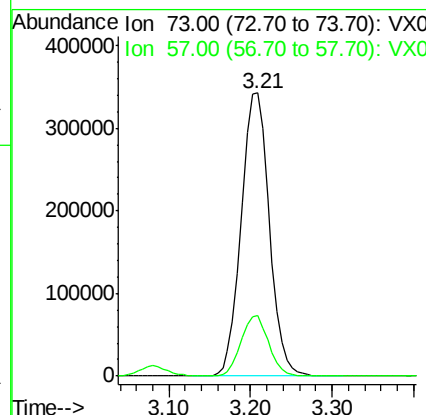
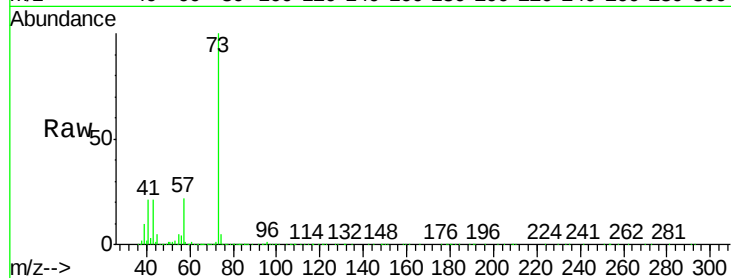
#19
Methvl tert-butvl Ether
Concen: 54.440 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.8	25.2

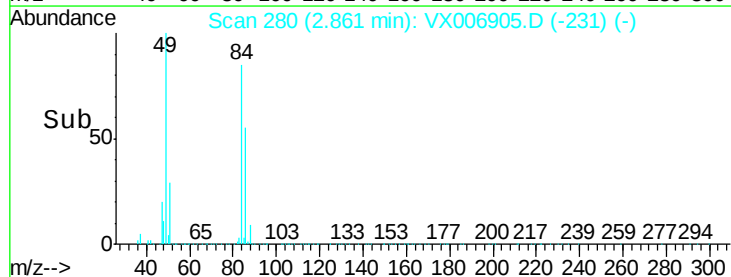
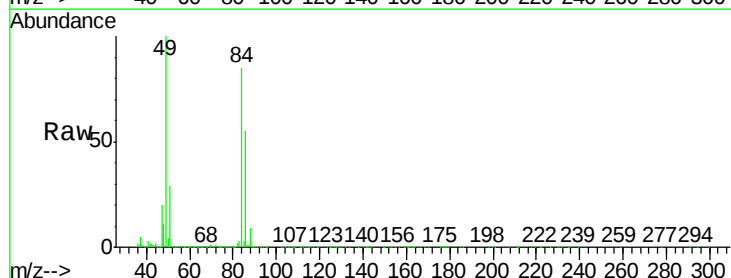
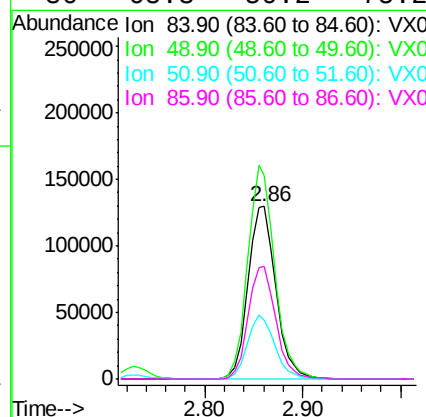
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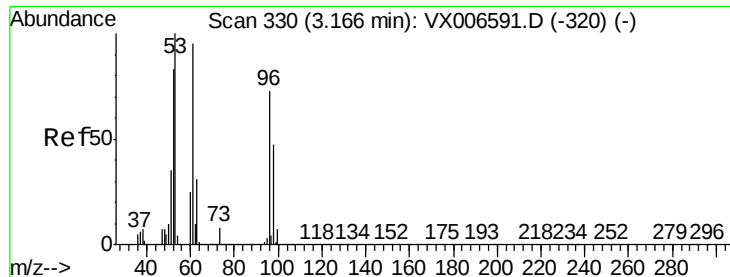
MMDadoda
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#20
Methylene Chloride
Concen: 49.161 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.0	91.8	137.6
51	34.0	28.5	42.7
86	65.3	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 51.293 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

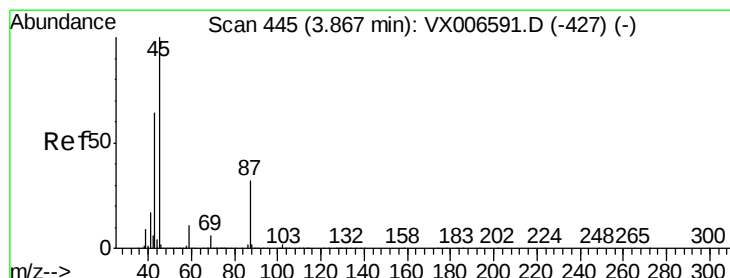
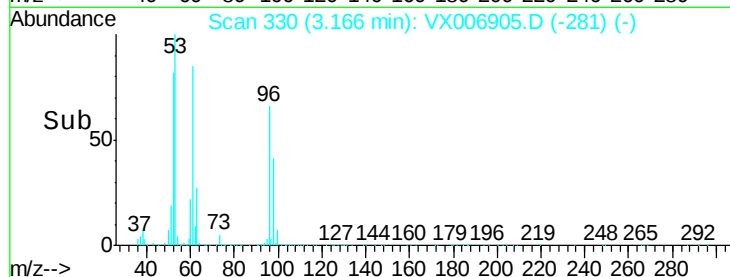
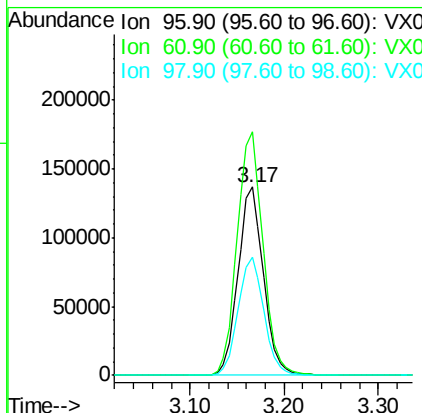
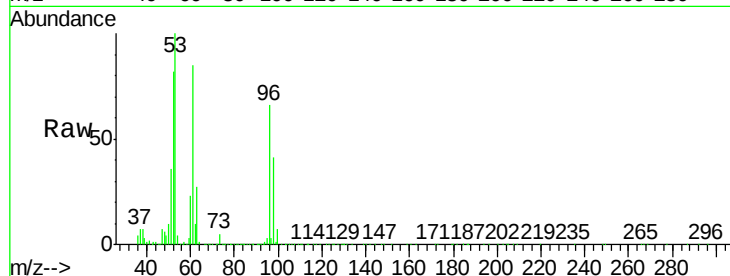
ClientSampleId :

S32-0645MS

Tot Ion:	96	Resp:	257442
Ion	Ratio	Lower	Upper
96	100		
61	129.3	103.7	155.5
98	62.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 53.912 ug/l

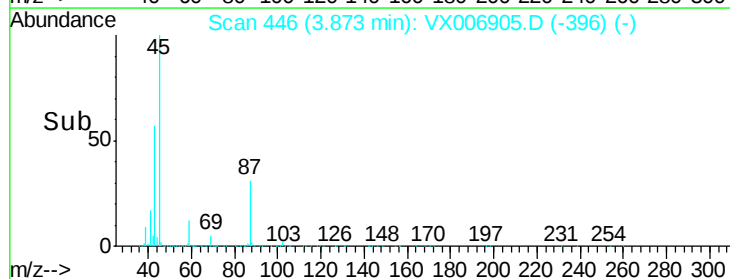
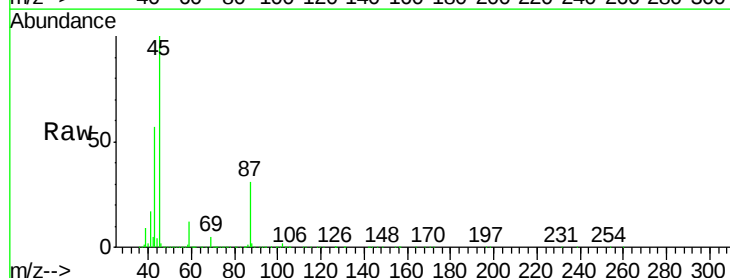
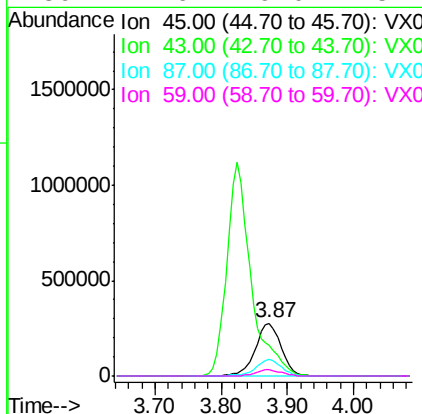
RT: 3.87 min Scan# 446

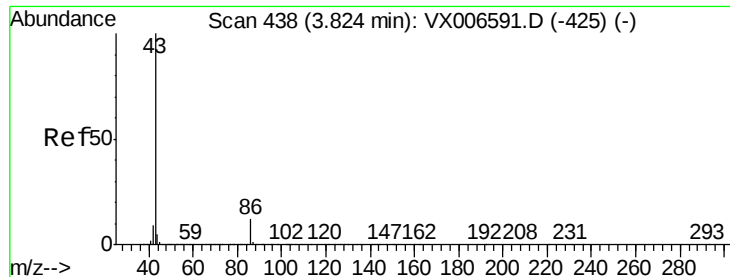
Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Tgt Ion:	45	Resp:	752022
Ion	Ratio	Lower	Upper
45	100		
43	57.4	51.2	76.8
87	30.6	25.8	38.6
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 249.879 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

Tot Ion: 43 Resp: 2851075

Ion Ratio Lower Upper

43 100

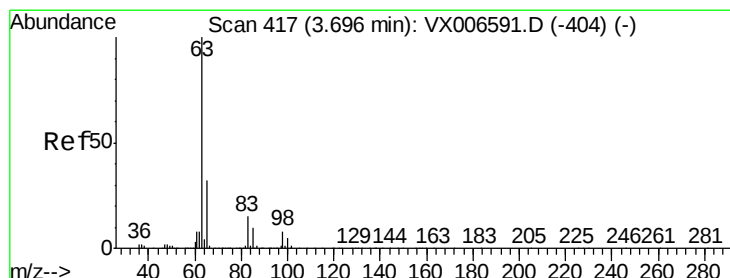
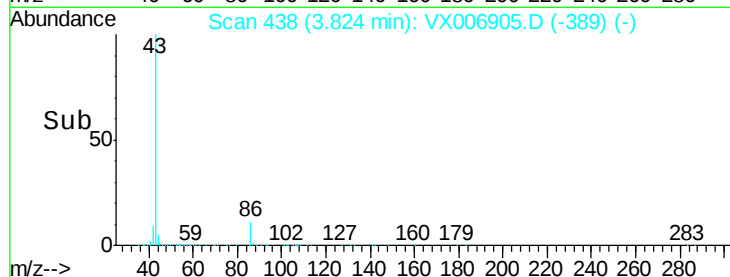
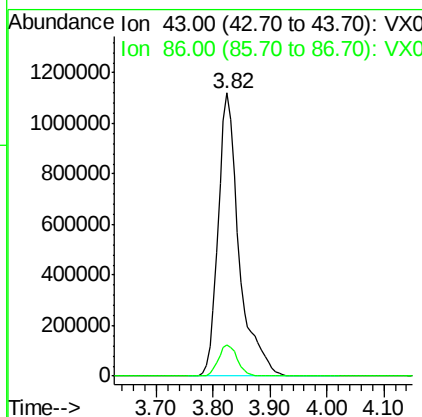
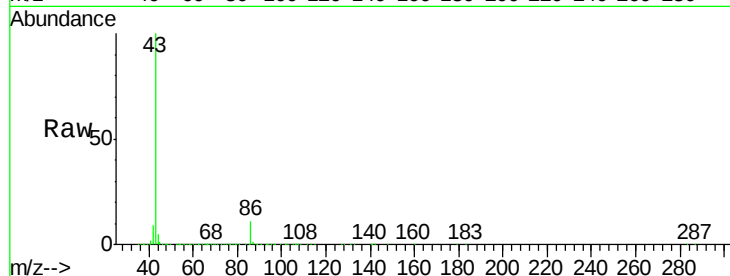
86 11.1 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 49.629 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

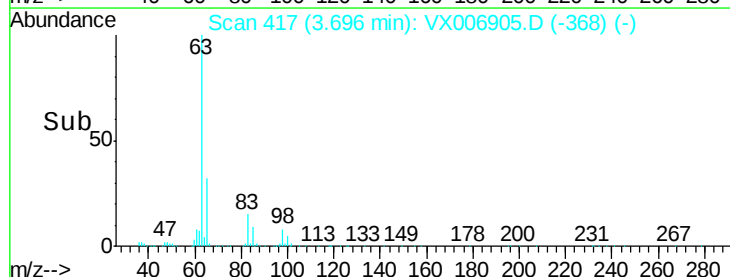
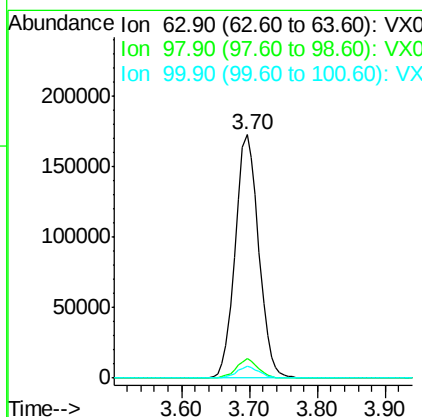
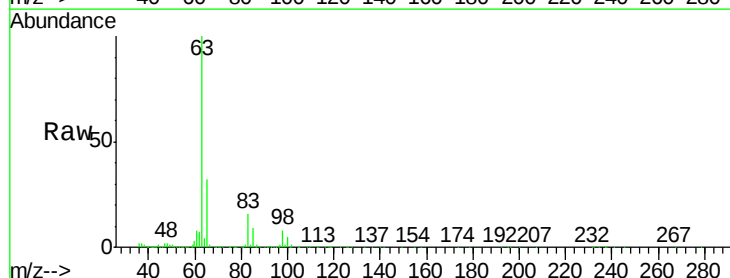
Tgt Ion: 63 Resp: 413255

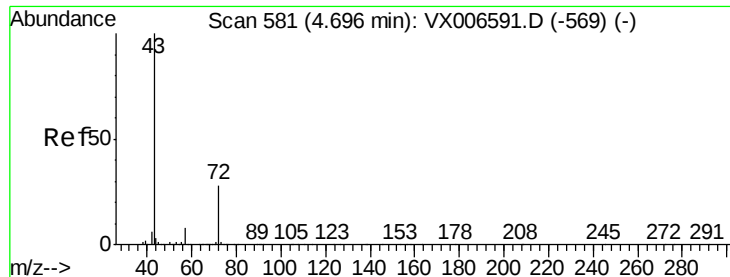
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 251.246 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

Tot Ion: 43 Resp: 887192

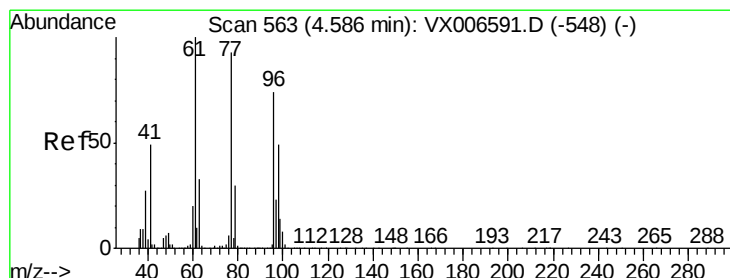
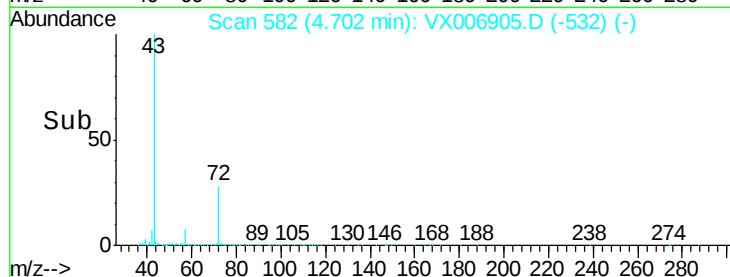
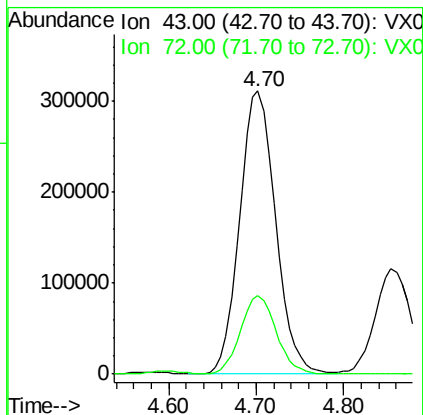
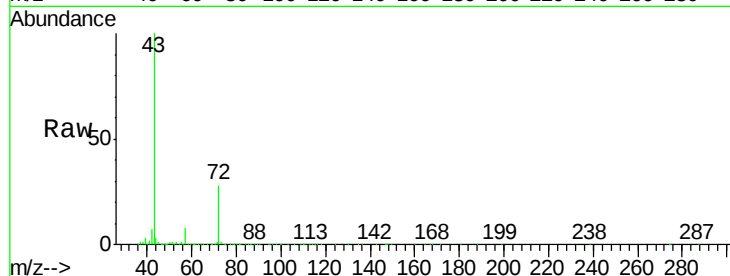
Ion Ratio Lower Upper

43 100

72 27.7 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 40.849 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006905.D

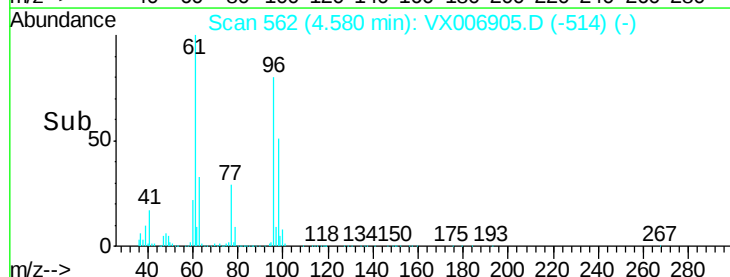
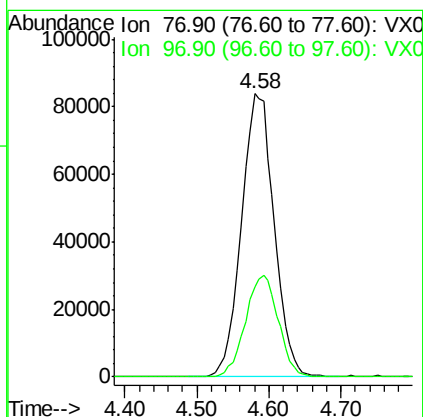
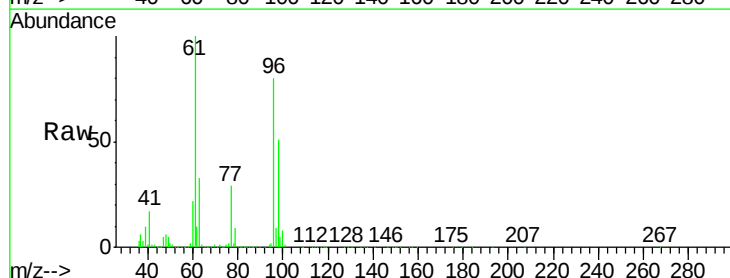
Acq: 03 Jan 2019 19:51

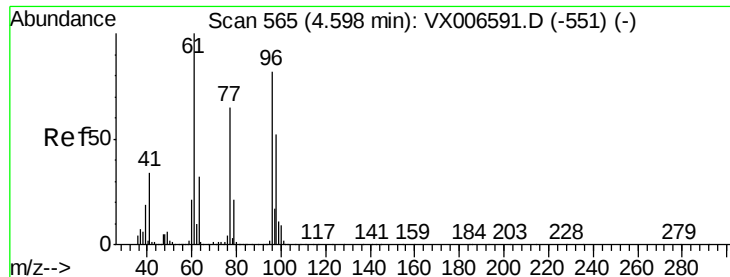
Tgt Ion: 77 Resp: 262751

Ion Ratio Lower Upper

77 100

97 36.2 12.4 37.4





#27

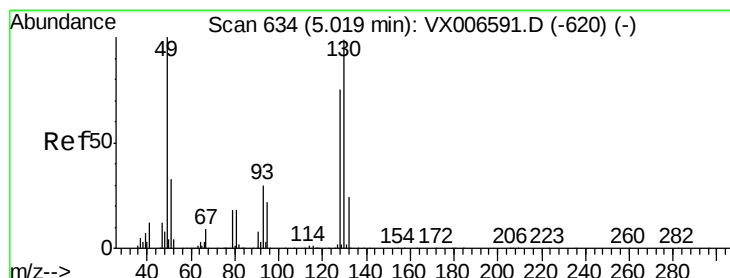
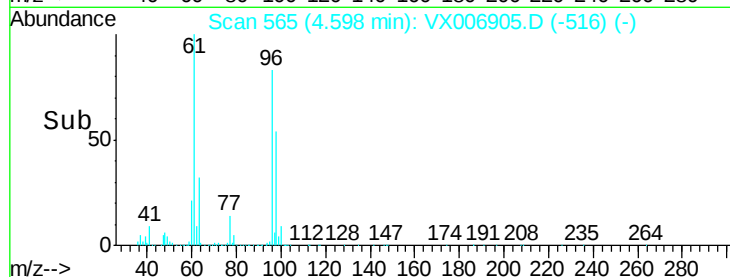
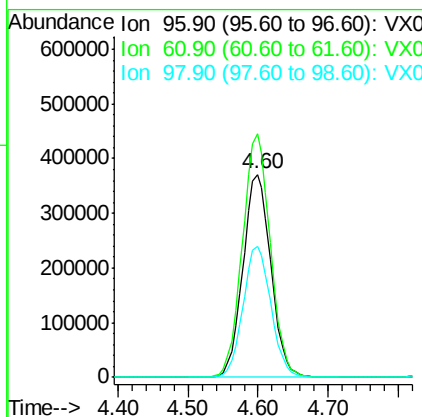
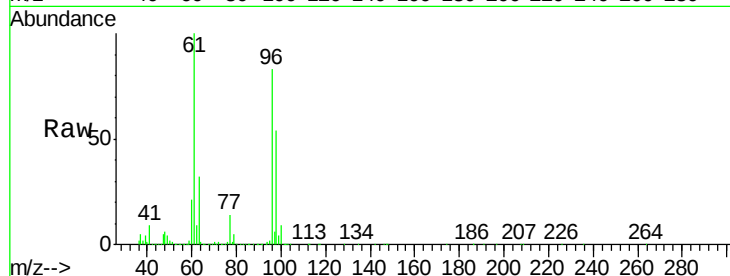
cis-1,2-Dichloroethene
Concen: 185.286 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.3	0.0	258.6
98	64.5	0.0	132.0

Manual Integrations
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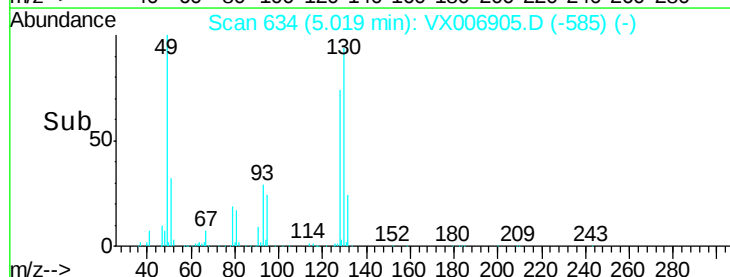
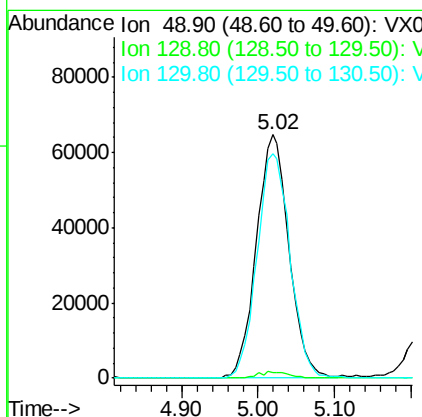
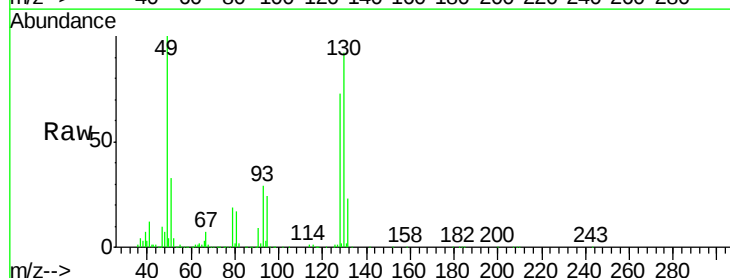
MMDadoda
1/4/2019 10:01:29 AM

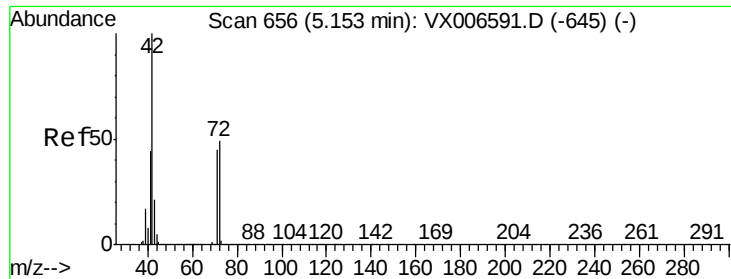


#28

Bromochloromethane
Concen: 55.024 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	93.8	77.7	116.5





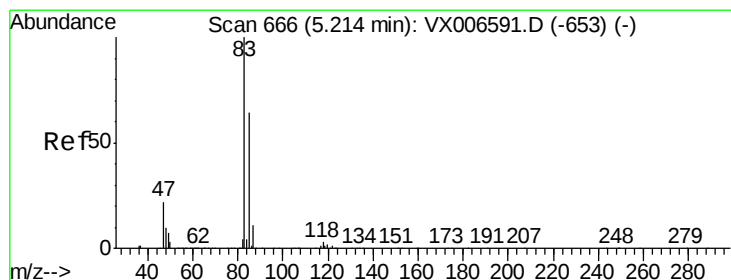
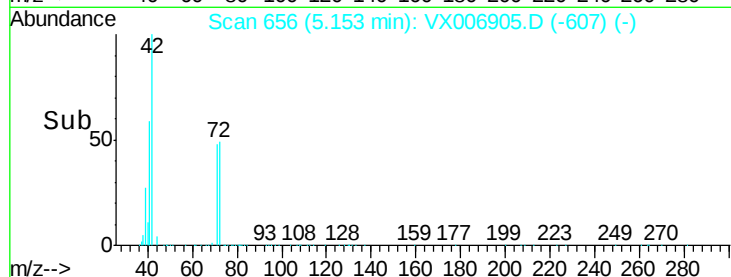
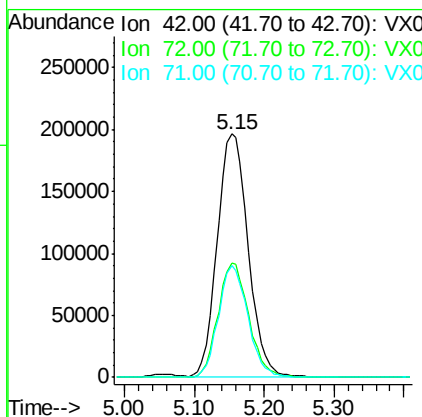
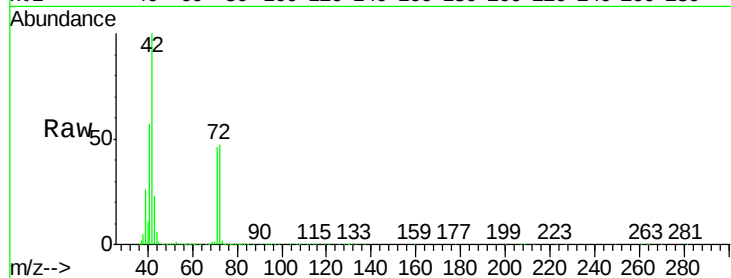
#29
Tetrahydrofuran
Concen: 258.166 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	38.9	58.3
71	44.1	36.2	54.4

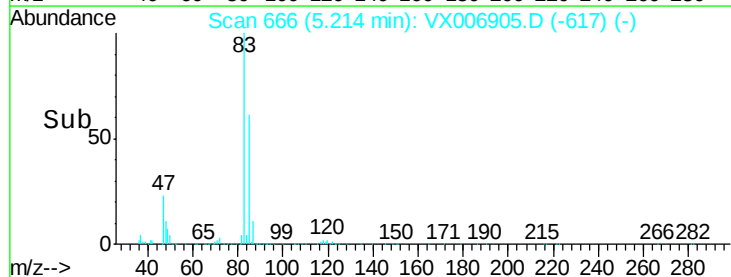
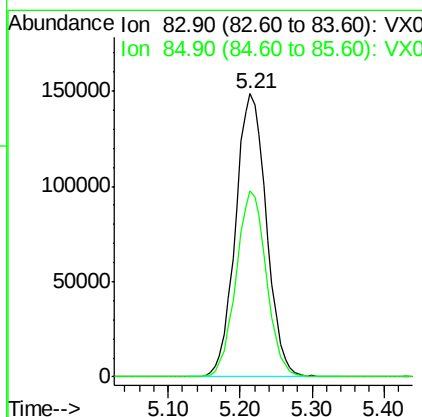
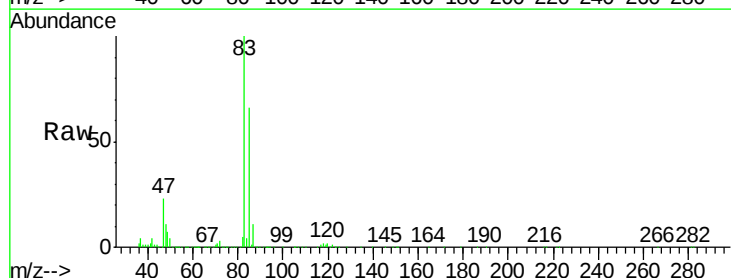
Manual Integrations
APPROVED

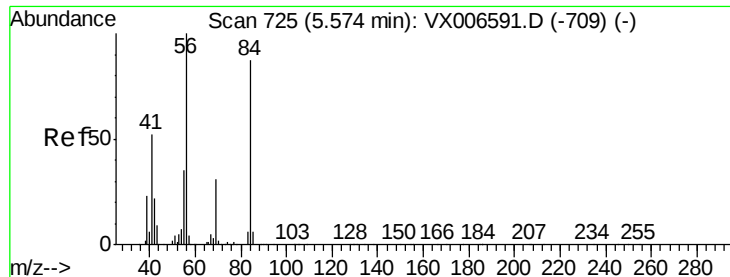
MMDadoda
1/4/2019 10:01:29 AM



#30
Chloroform
Concen: 51.285 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.2	76.8





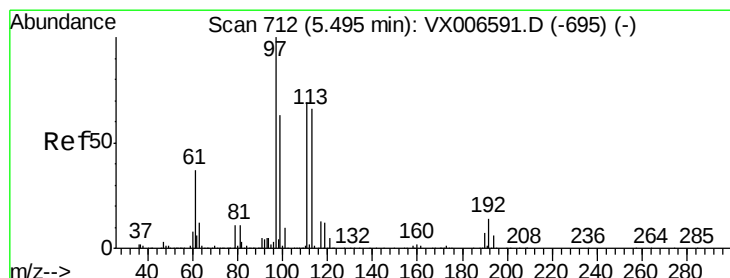
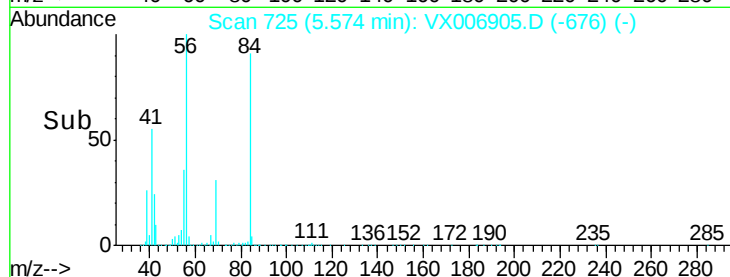
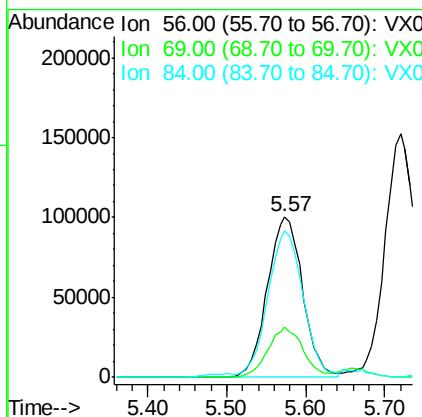
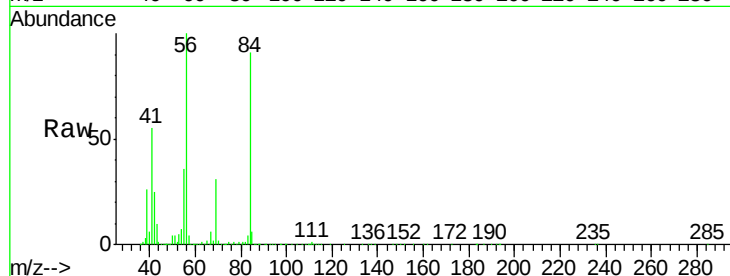
#31
Cyclohexane
Concen: 41.124 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.1	24.4	36.6	
84	90.8	70.0	105.0	

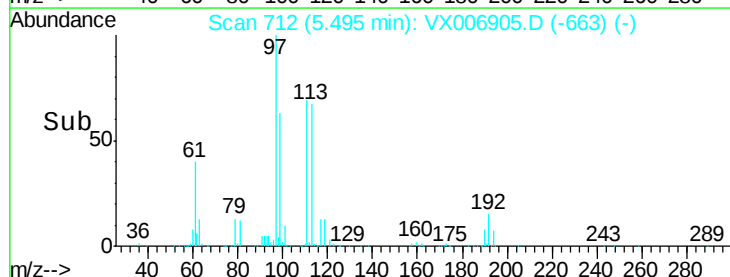
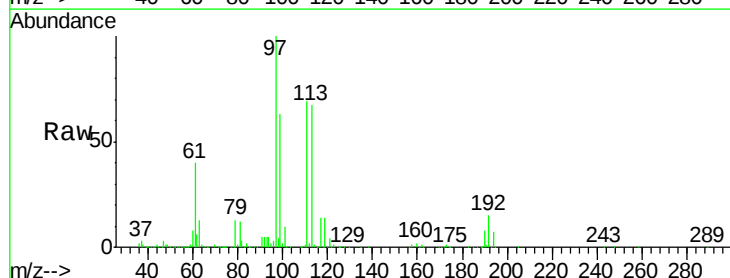
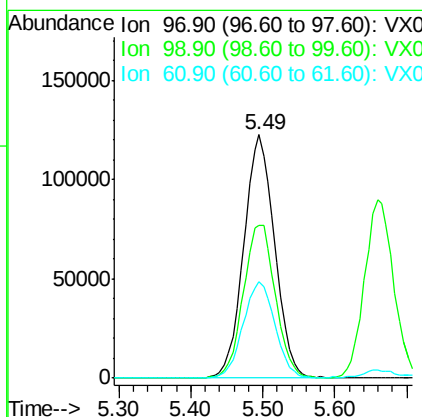
Manual Integrations
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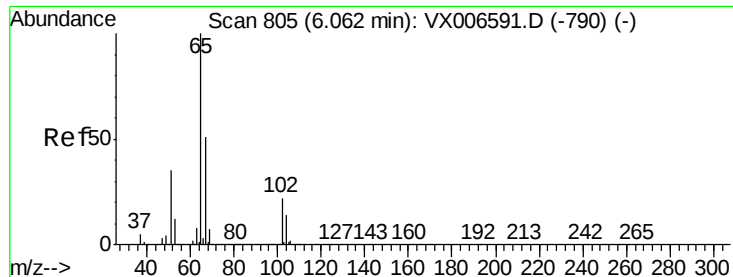
MMDadoda
1/4/2019 10:01:29 AM



#32
1,1,1-Trichloroethane
Concen: 50.063 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.2	51.7	77.5	
61	41.1	31.3	46.9	





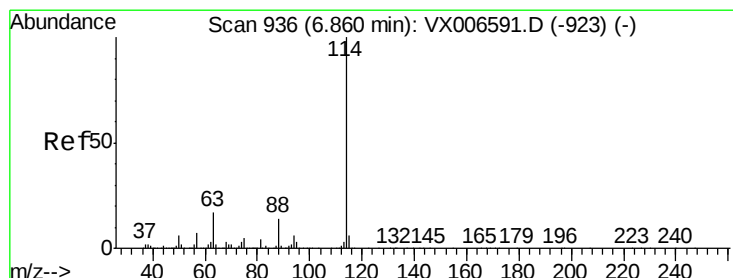
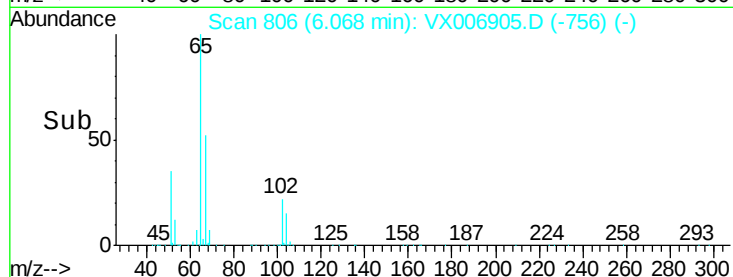
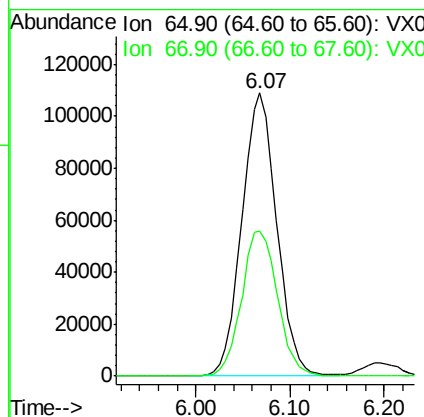
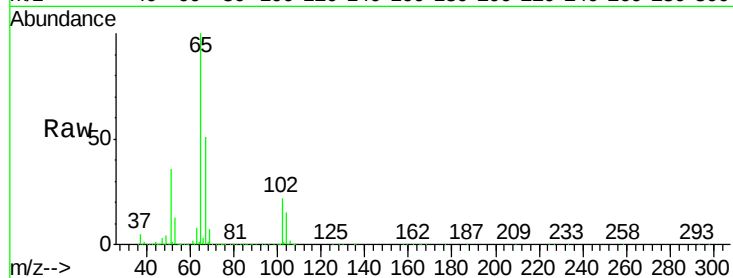
#33
 1,2-Dichloroethane-d4
 Concen: 51.701 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	282499		
67	53.1	0.0	105.0	

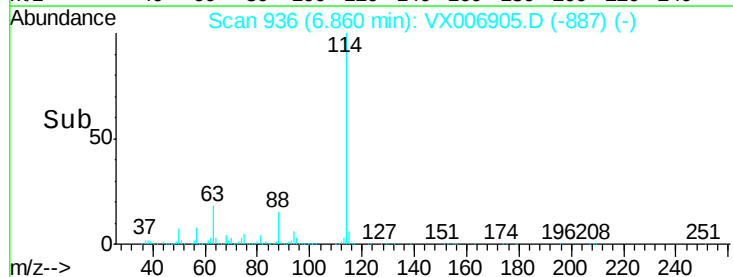
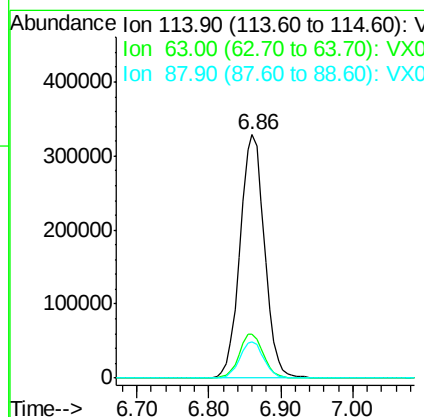
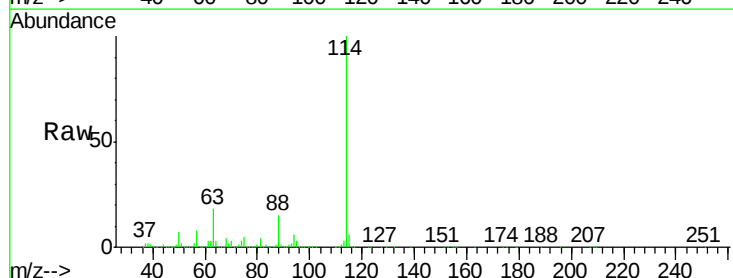
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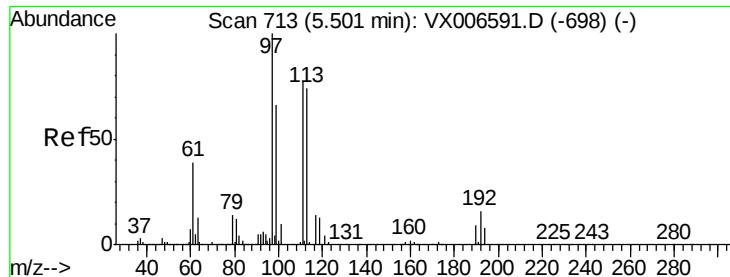
MMDadoda
 1/4/2019 10:01:29 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	773611		
63	17.9	0.0	34.8	
88	14.8	0.0	28.8	





#35

Dibromofluoromethane

Concen: 52.955 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

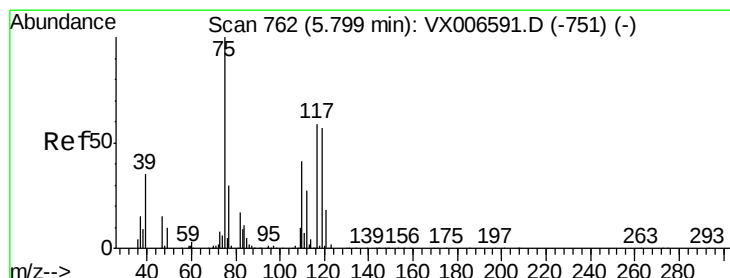
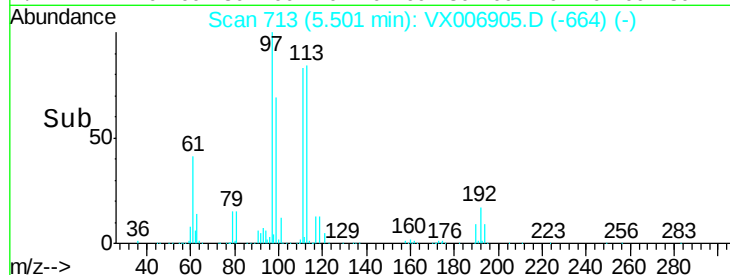
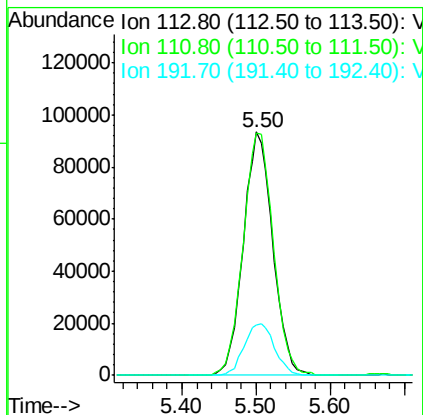
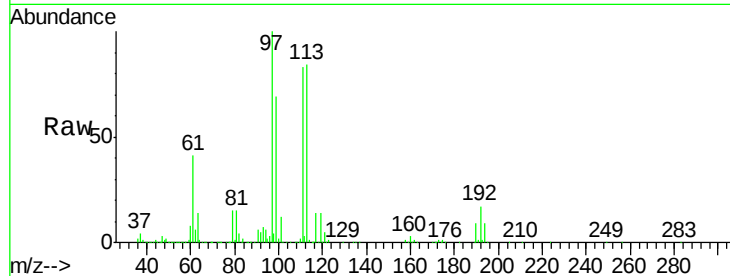
ClientSampled :

S32-0645MS

Tot Ion:	113	Resp:	259066
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.6	122.4
192	22.0	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.859 ug/l

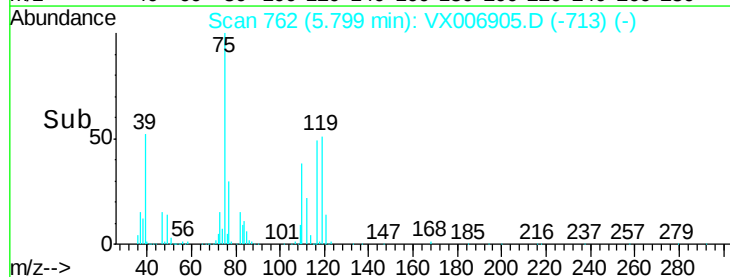
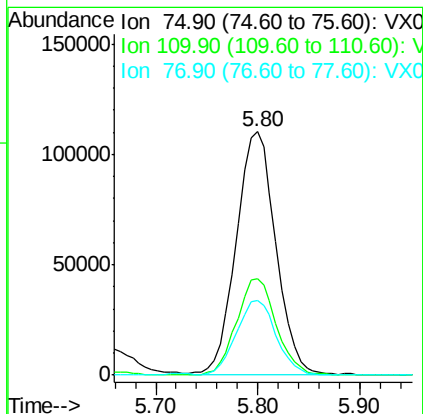
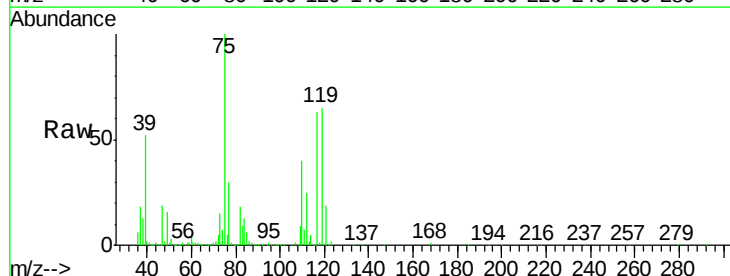
RT: 5.80 min Scan# 762

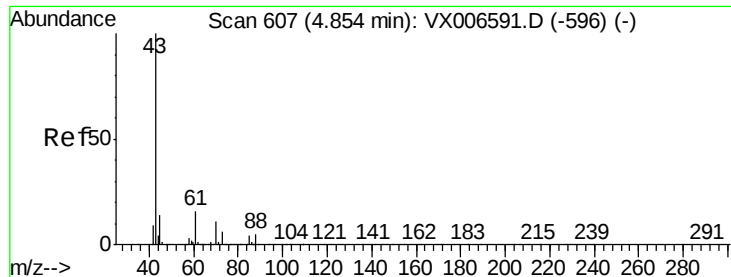
Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Tgt Ion:	75	Resp:	293830
Ion Ratio	Lower	Upper	
75	100		
110	40.3	20.2	60.5
77	31.1	24.8	37.2





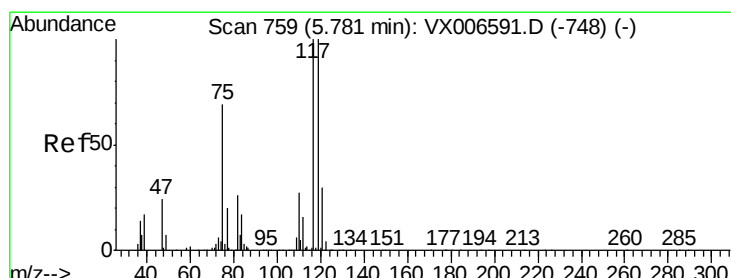
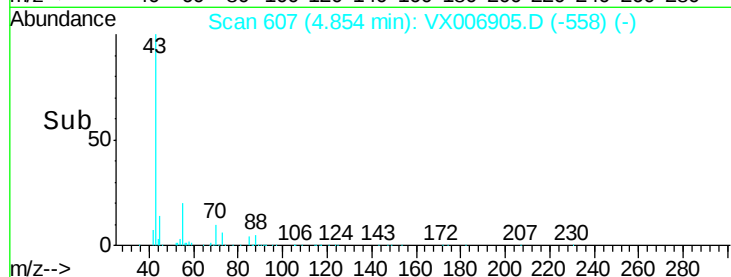
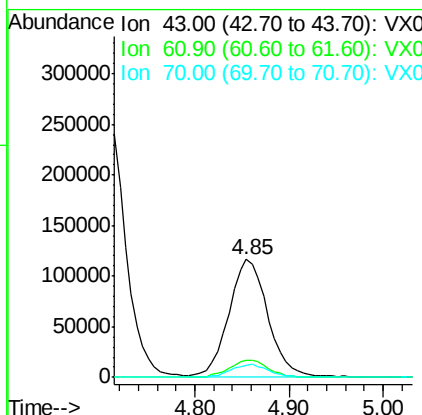
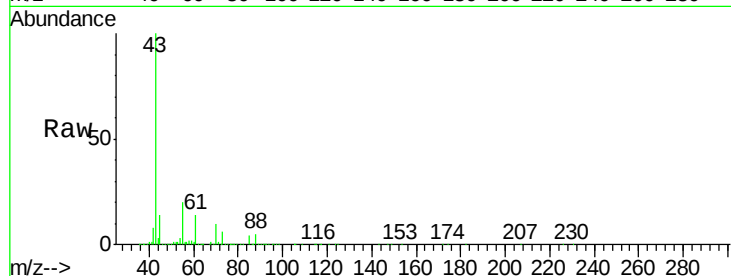
#37
Ethyl Acetate
Concen: 49.694 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

Tot Ion:	43	Resp:	331402
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.9	17.9
70	11.0	9.7	14.5

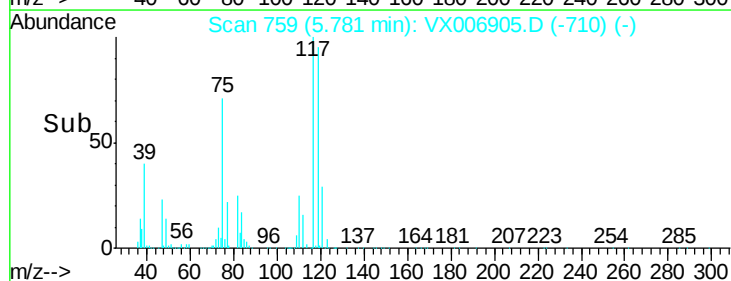
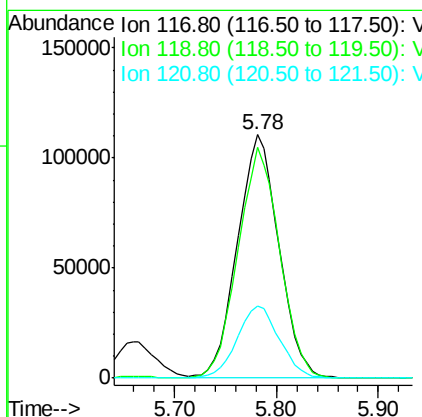
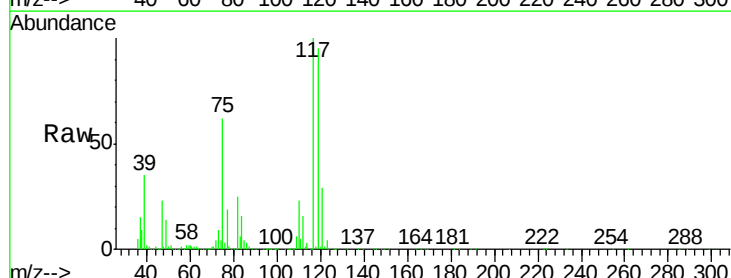
Manual Integrations
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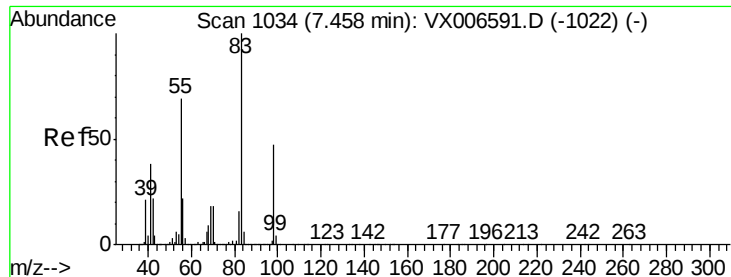
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#38
Carbon Tetrachloride
Concen: 49.942 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion:	117	Resp:	310981
Ion	Ratio	Lower	Upper
117	100		
119	94.7	79.4	119.2
121	29.4	24.0	36.0





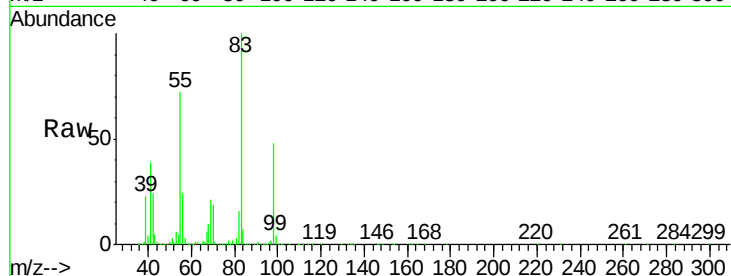
#39
Methvlcvclohexane
Concen: 37.809 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

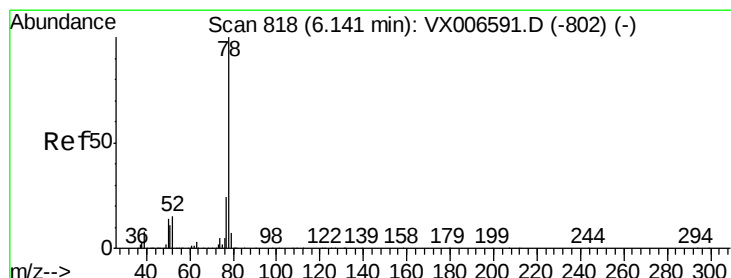
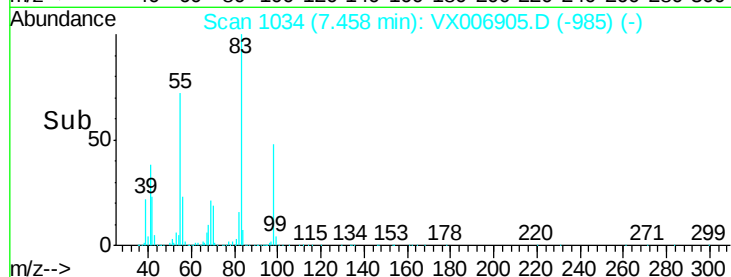
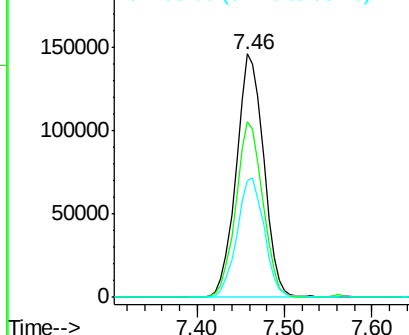
Tot Ion	Ratio	Lower	Upper
83	100		
55	72.3	54.9	82.3
98	48.0	37.9	56.9

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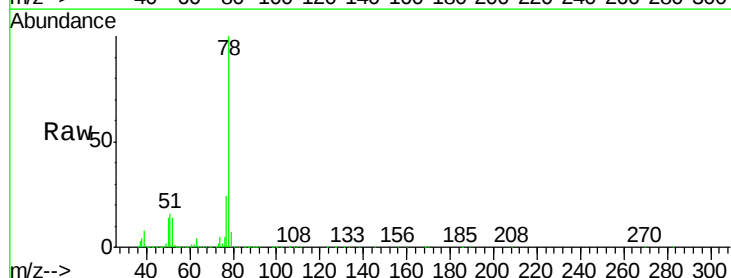


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

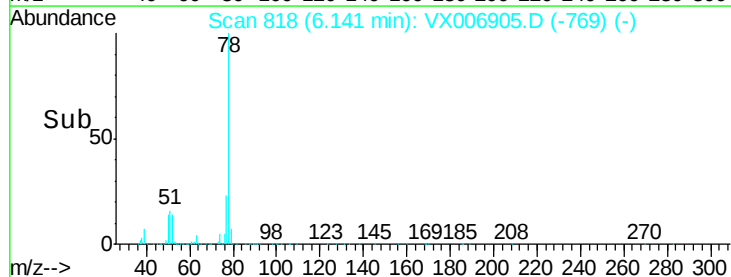
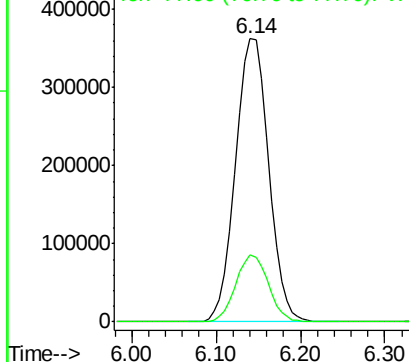


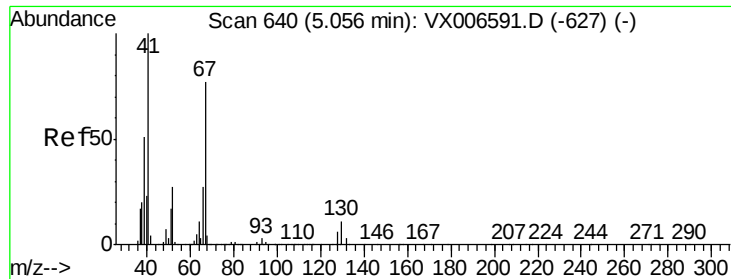
#40
Benzene
Concen: 49.676 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





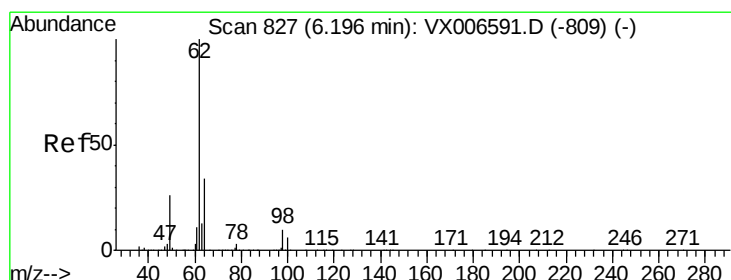
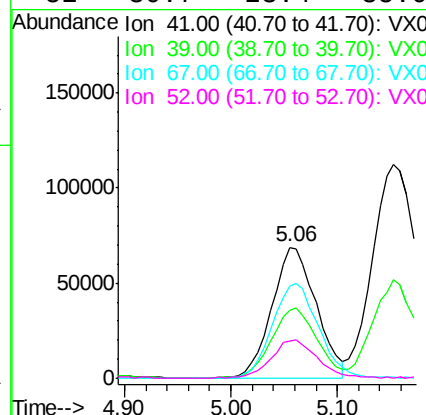
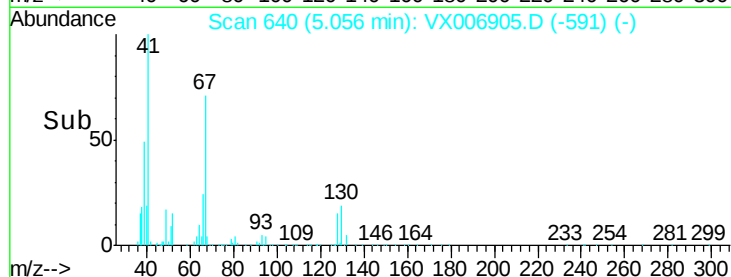
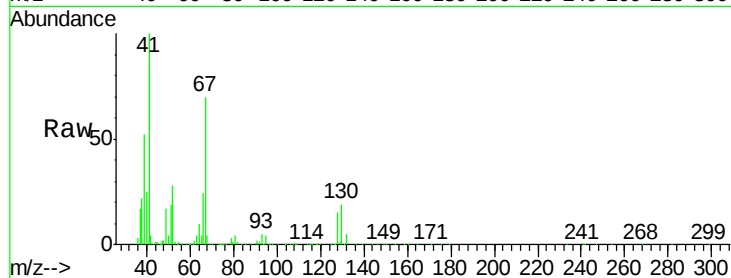
#41
Methacrylonitrile
Concen: 55.986 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		198225		
39	55.0	42.8	64.2		
67	76.2	62.1	93.1		
52	30.7	23.4	35.0		

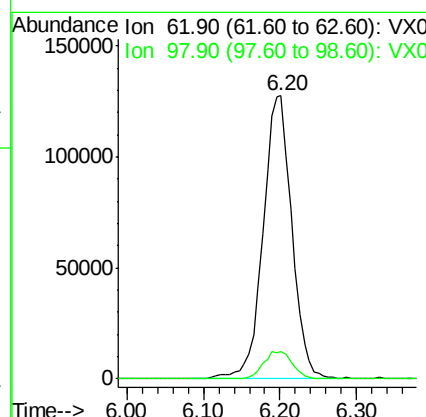
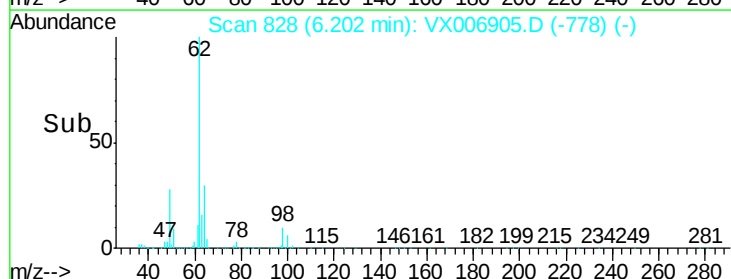
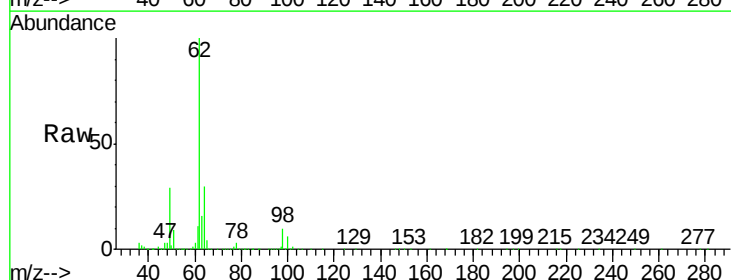
Manual Integrations
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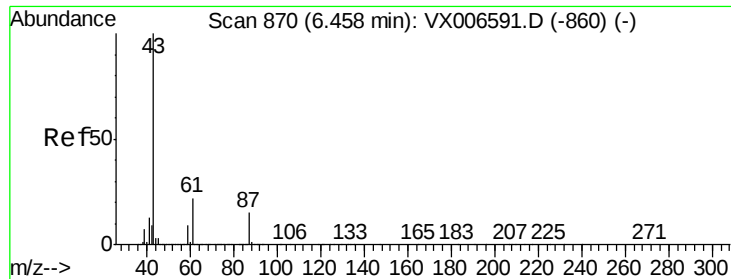
MMDadoda
1/4/2019 10:01:29 AM



#42
1,2-Dichloroethane
Concen: 50.208 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		333211		
98	9.9	0.0	20.2		





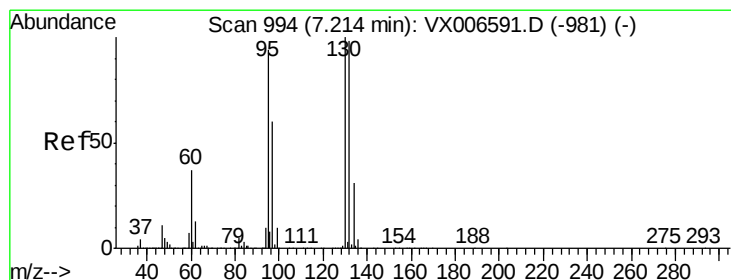
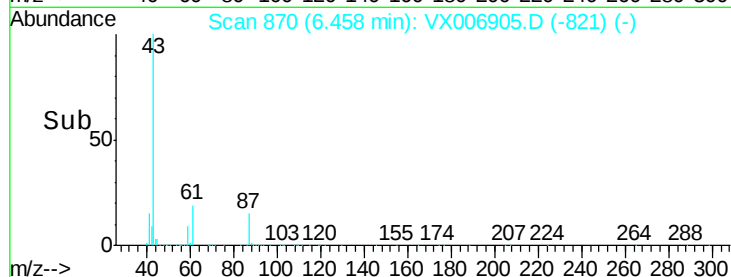
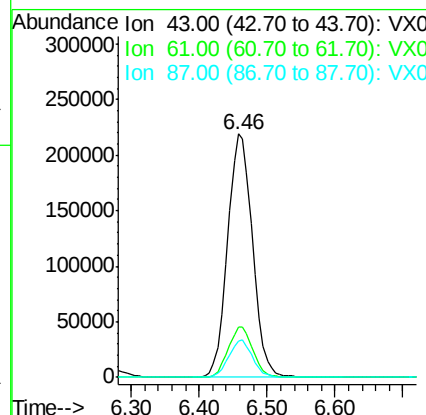
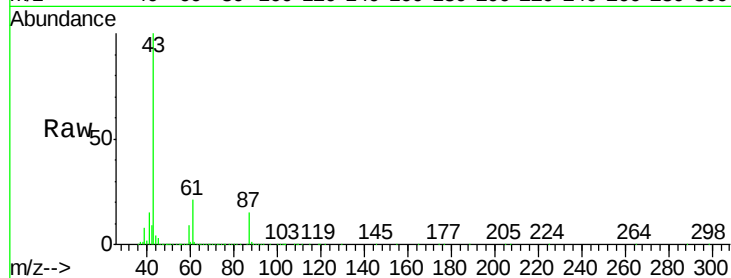
#43
Isopropyl Acetate
Concen: 54.509 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
61	20.4	16.8	25.2	
87	14.8	12.4	18.6	

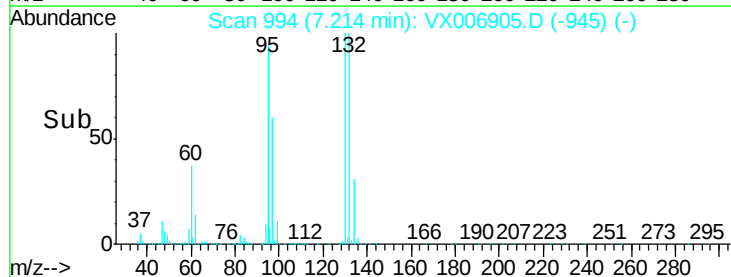
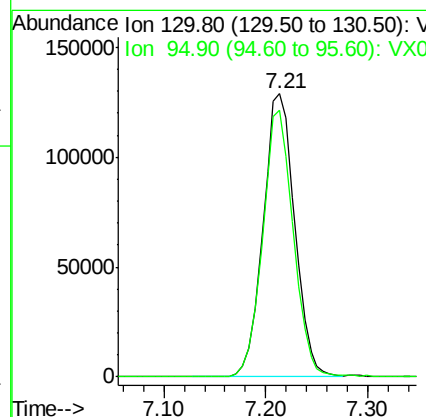
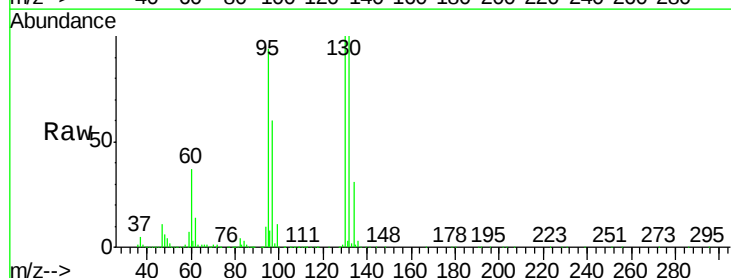
Manual Integrations
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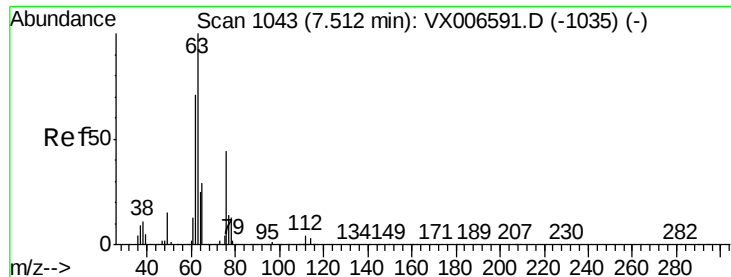
MMDadoda
1/4/2019 10:01:29 AM



#44
Trichloroethene
Concen: 47.018 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ion	Ratio	Lower	Upper
130	100			
95	94.4	0.0	187.0	





#45

1,2-Dichloropropane

Concen: 52.407 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

S32-0645MS

Tot Ion: 63 Resp: 248380

Ion Ratio Lower Upper

63 100

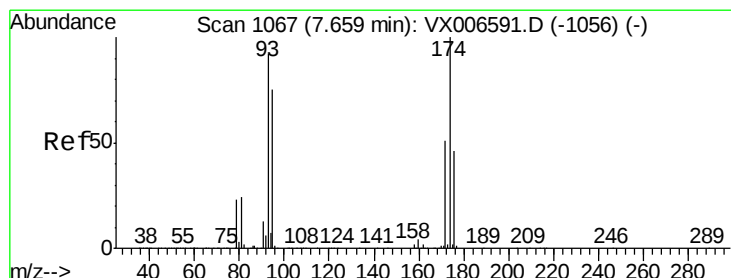
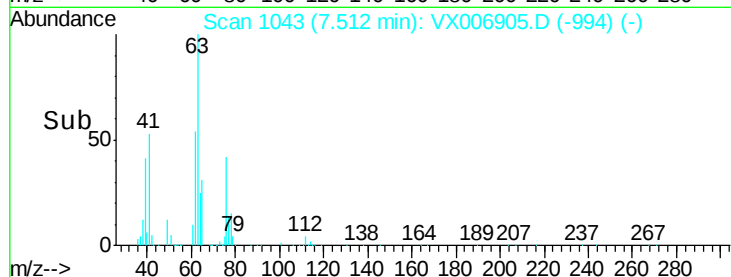
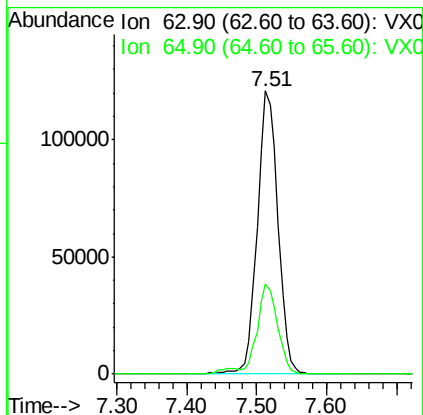
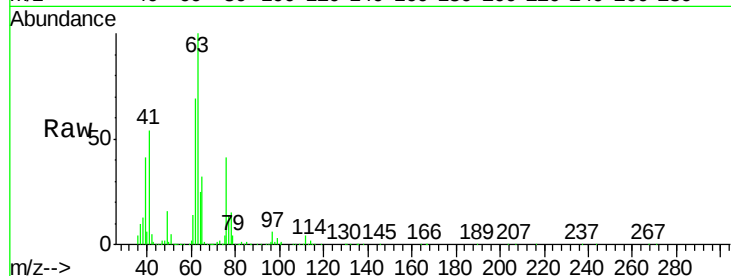
65 31.7 25.4 38.0

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#46

Dibromomethane

Concen: 50.165 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

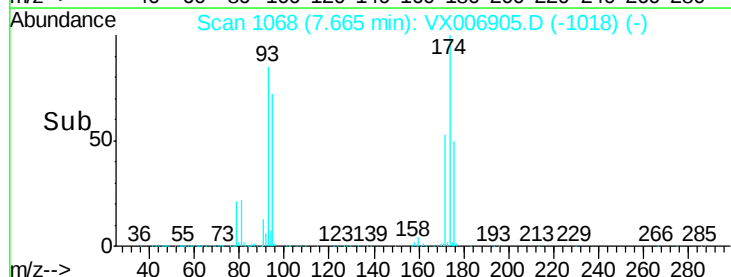
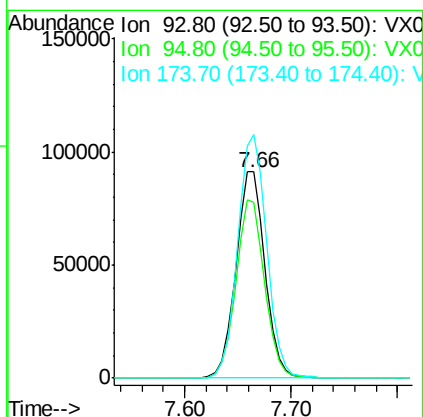
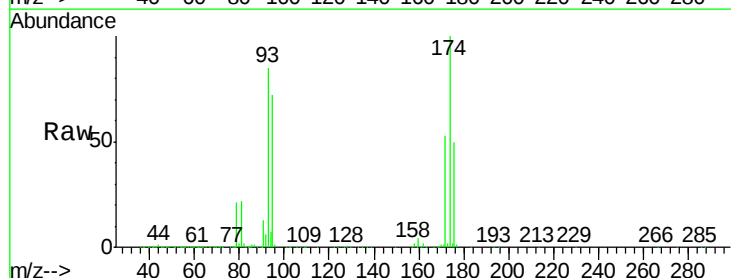
Tgt Ion: 93 Resp: 174883

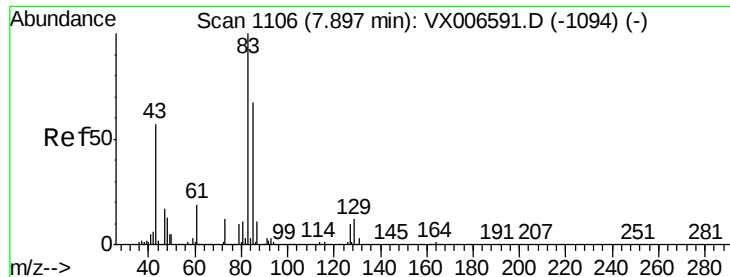
Ion Ratio Lower Upper

93 100

95 85.4 66.2 99.4

174 118.0 91.0 136.4





#47

Bromodichloromethane

Concen: 53.771 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

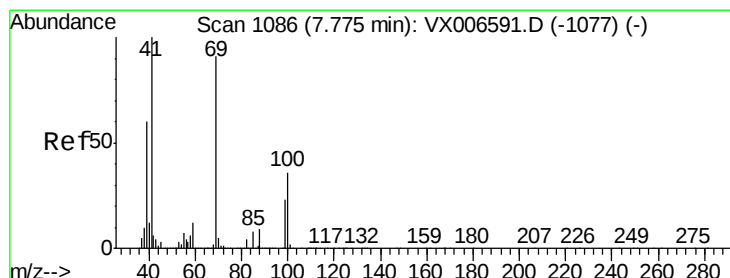
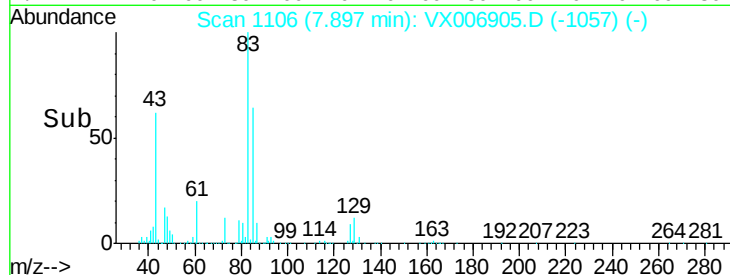
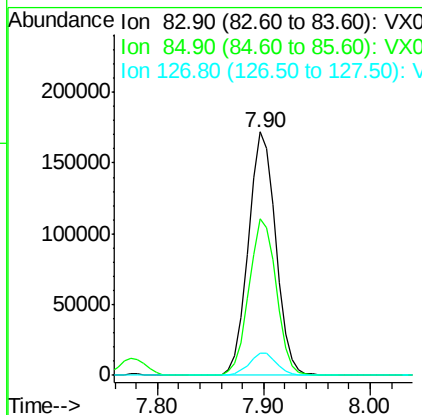
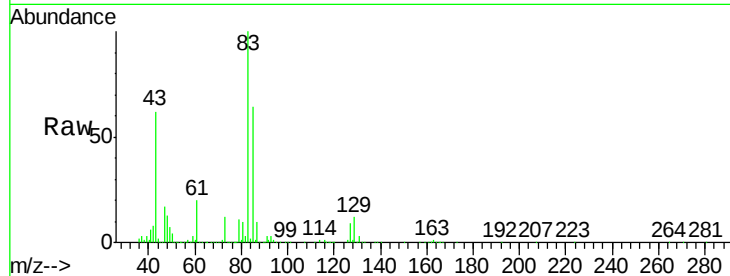
ClientSampled :

S32-0645MS

Tot Ion:	83	Resp:	311212
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.2	79.8
127	9.1	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.822 ug/l

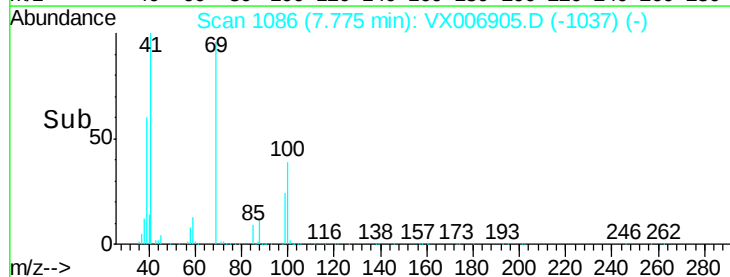
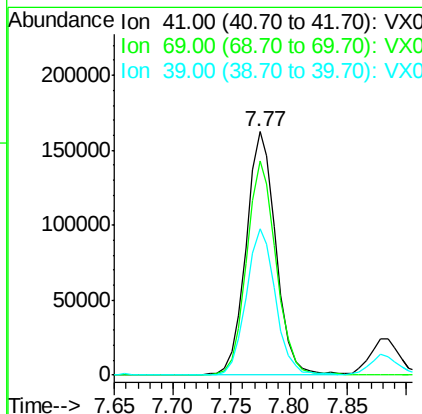
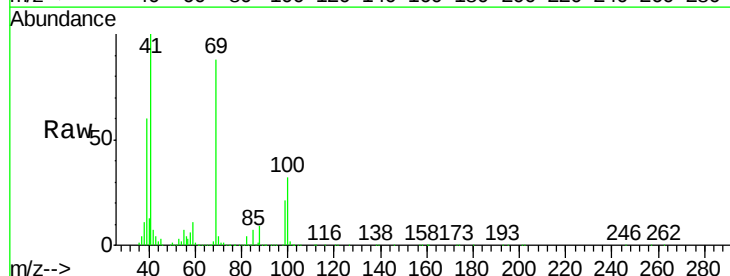
RT: 7.77 min Scan# 1086

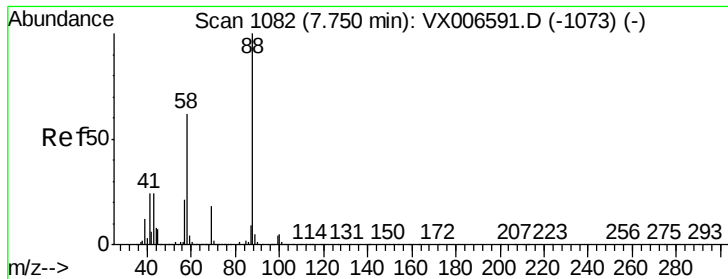
Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Tgt Ion:	41	Resp:	288042
Ion Ratio	Lower	Upper	
41	100		
69	87.5	72.4	108.6
39	59.1	45.8	68.8





#49

1,4-Dioxane

Concen: 882.422 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

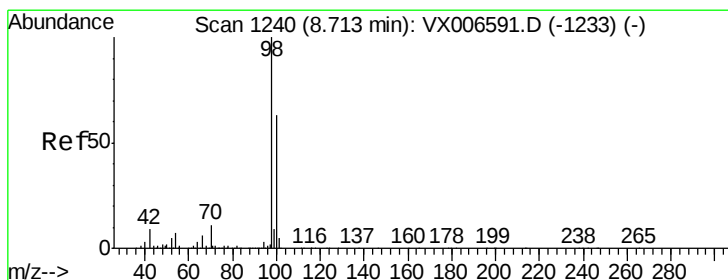
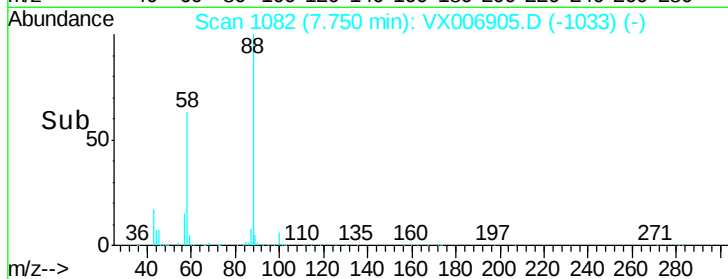
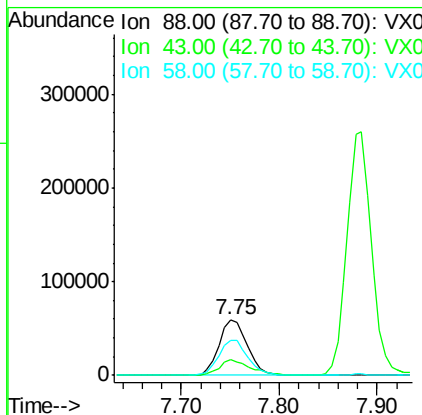
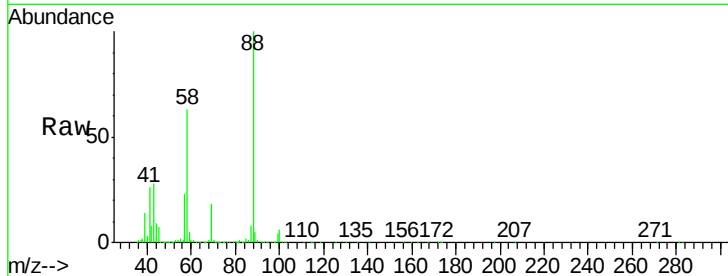
ClientSampleId :

S32-0645MS

Tot Ion:	88	Resp:	119450
Ion Ratio		Lower	Upper
88	100		
43	29.6	22.2	33.4
58	65.2	51.0	76.4

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#50

Toluene-d8

Concen: 49.859 ug/l

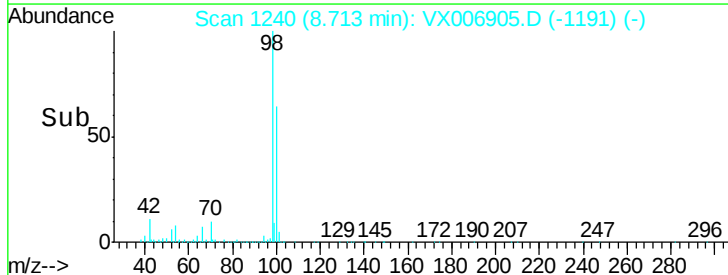
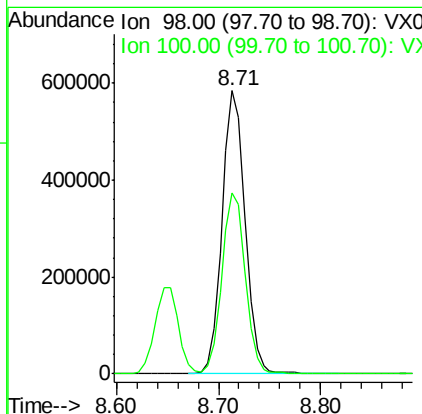
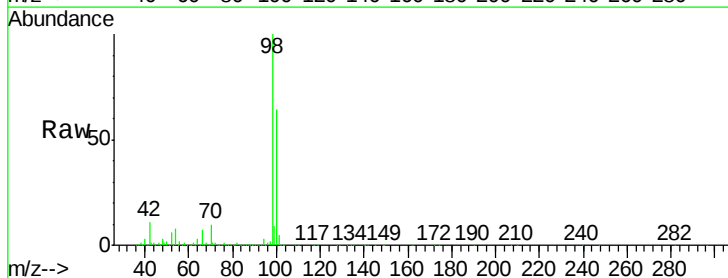
RT: 8.71 min Scan# 1240

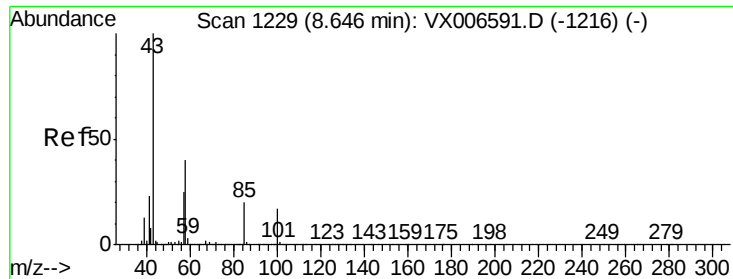
Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Tgt Ion:	98	Resp:	919587
Ion Ratio		Lower	Upper
98	100		
100	65.1	52.0	78.0





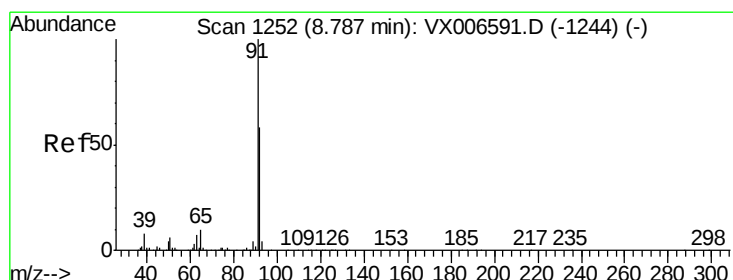
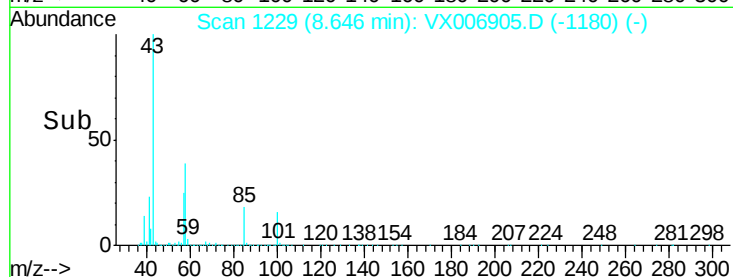
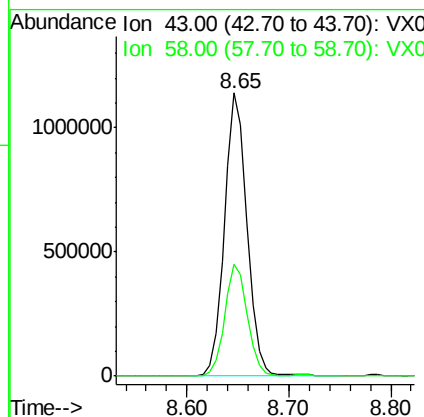
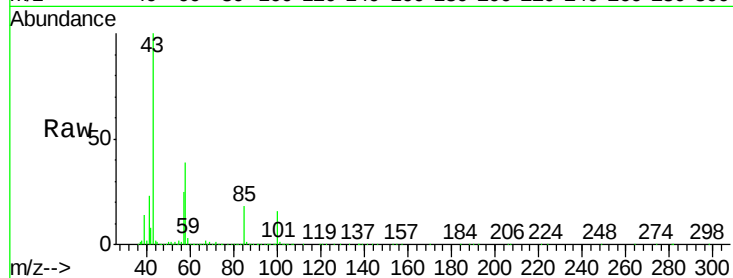
#51
4-Methyl-2-Pentanone
Concen: 271.205 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

Tot Ion: 43 Resp: 1750948
Ion Ratio Lower Upper
43 100
58 39.4 31.8 47.6

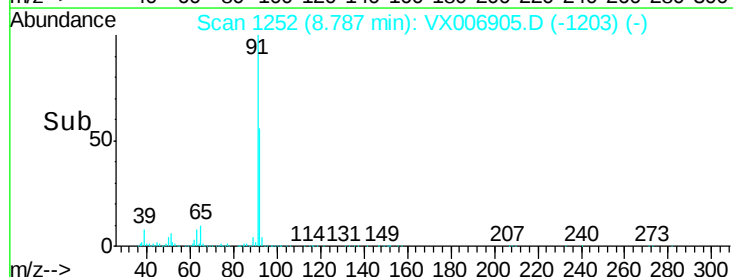
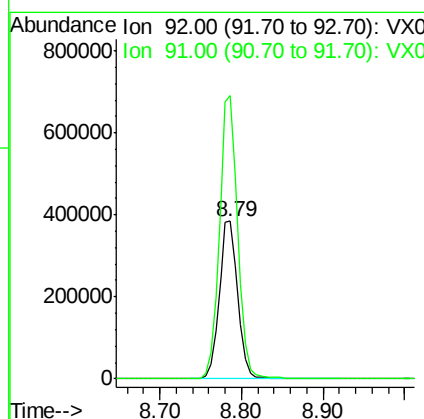
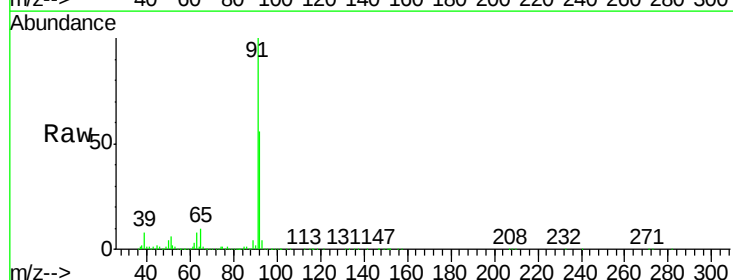
Manual Integrations
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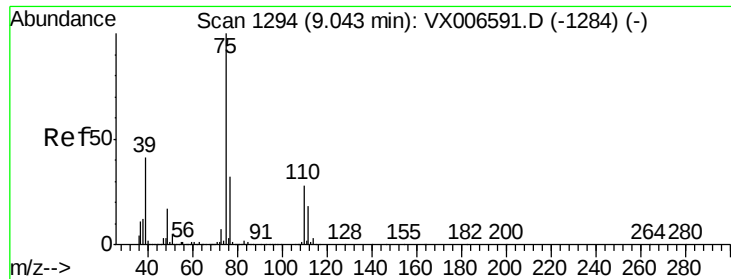
MMDadoda
1/4/2019 10:01:29 AM



#52
Toluene
Concen: 48.622 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion: 92 Resp: 611780
Ion Ratio Lower Upper
92 100
91 177.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 54.426 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

S32-0645MS

Tot Ion: 75 Resp: 337840

Ion Ratio Lower Upper

75 100

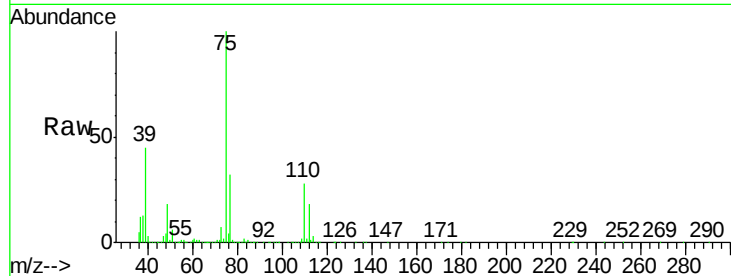
77 32.1 25.4 38.0

Manual Integrations

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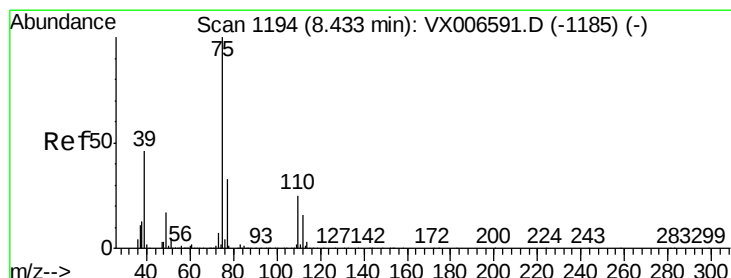
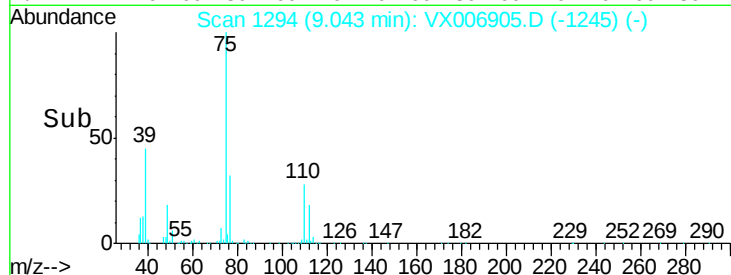
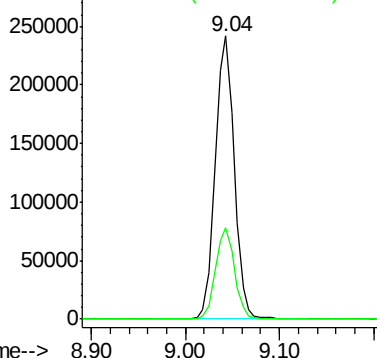
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.306 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

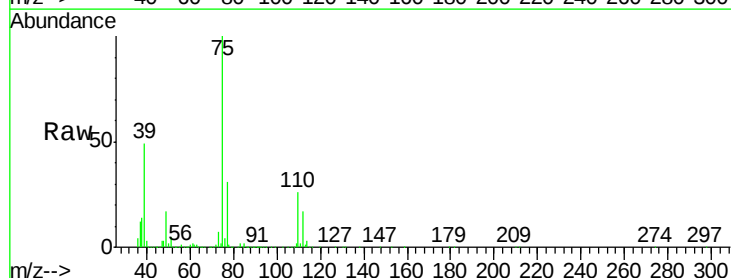
Tgt Ion: 75 Resp: 363067

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

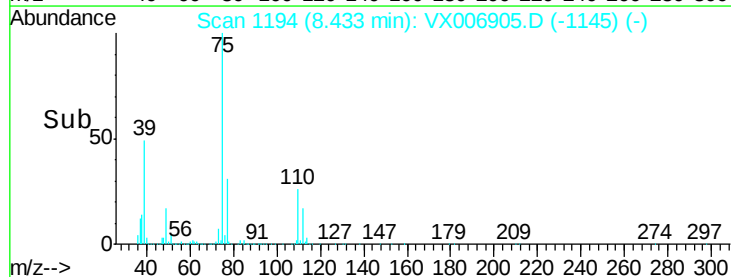
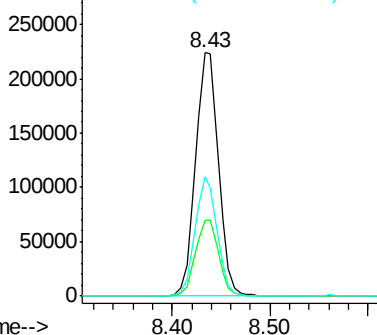
39 49.2 36.7 55.1

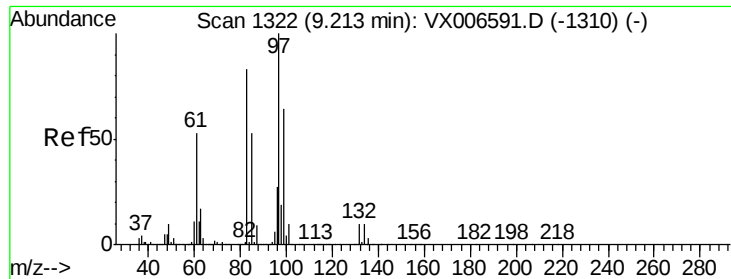


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





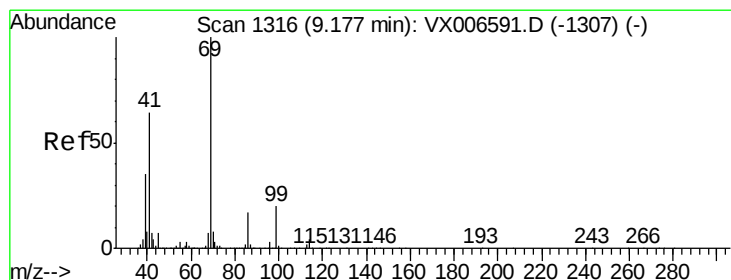
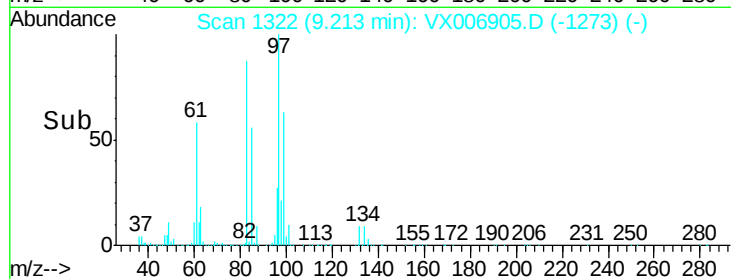
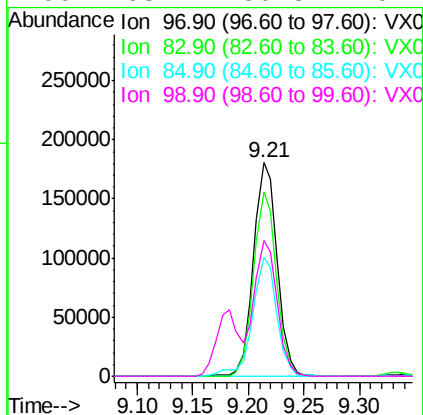
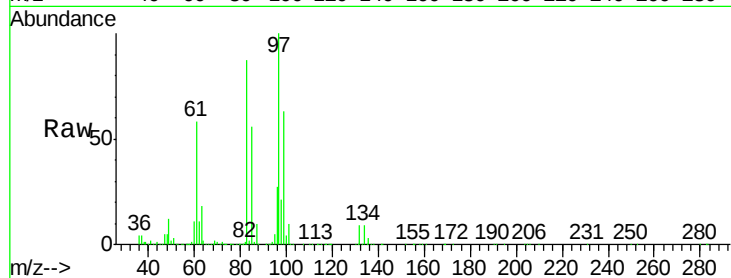
#55
 1,1,2-Trichloroethane
 Concen: 51.967 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Instrument :
 MSVOA_X
 ClientSampled :
 S32-0645MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		267639		
83	86.6	66.6	99.8		
85	55.6	42.7	64.1		
99	63.4	50.8	76.2		

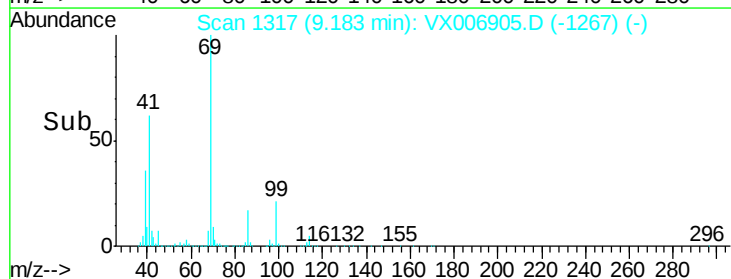
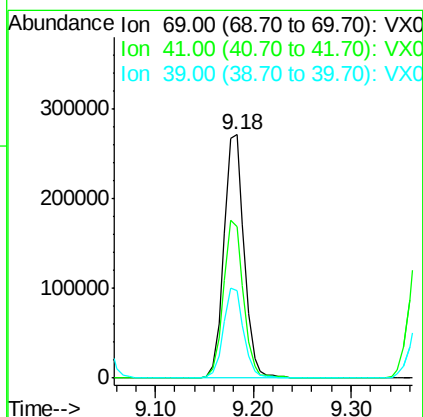
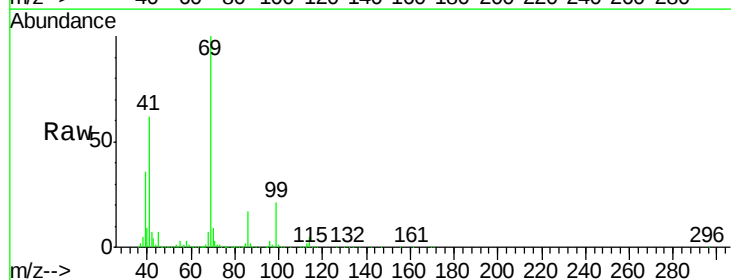
Manual Integrations
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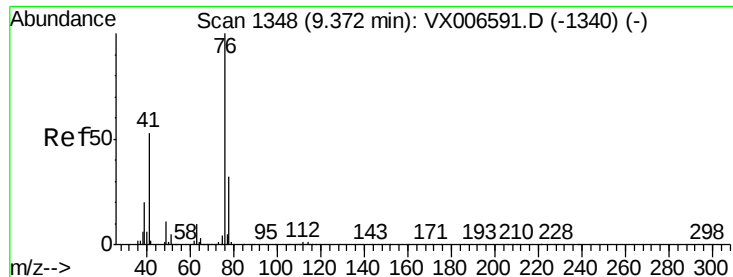
MMDadoda
 1/4/2019 10:01:29 AM



#56
 Ethyl methacrylate
 Concen: 53.401 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		388712		
41	63.8	48.7	73.1		
39	36.7	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 51.275 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

Tot Ion: 76 Resp: 424865

Ion Ratio Lower Upper

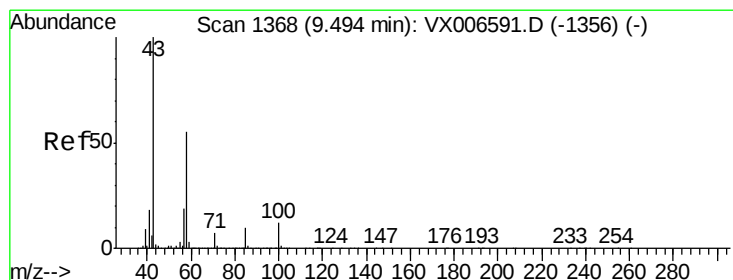
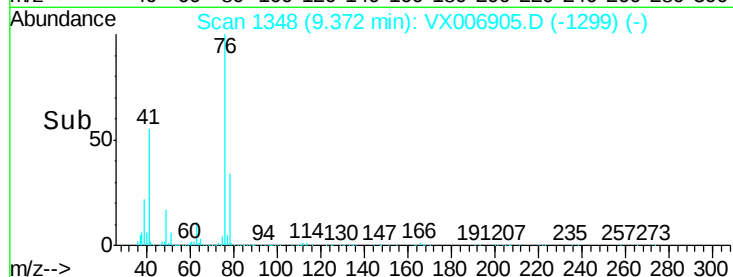
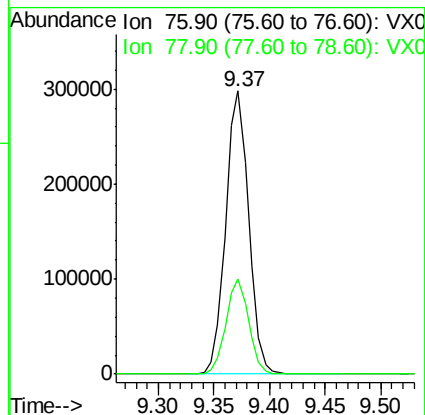
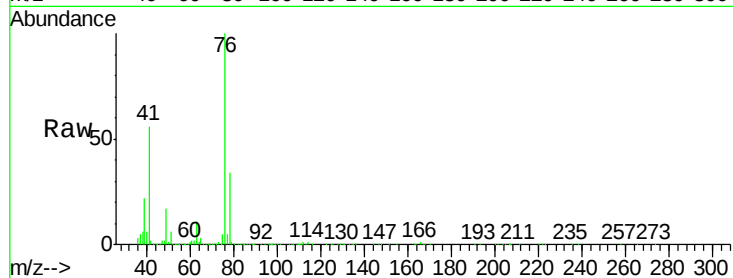
76 100

78 33.2 26.0 39.0

Manual Integrations
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MMDadoda

1/4/2019 10:01:29 AM



#59

2-Hexanone

Concen: 263.715 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006905.D

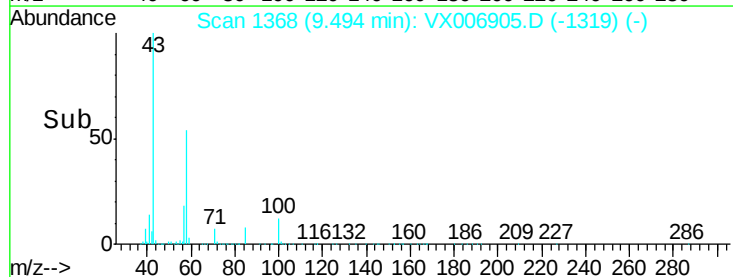
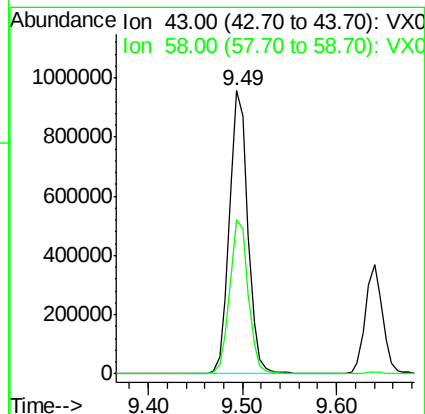
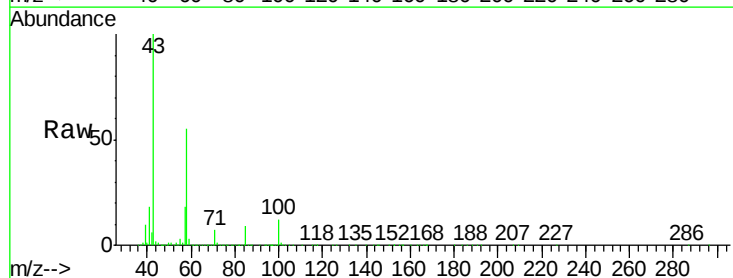
Acq: 03 Jan 2019 19:51

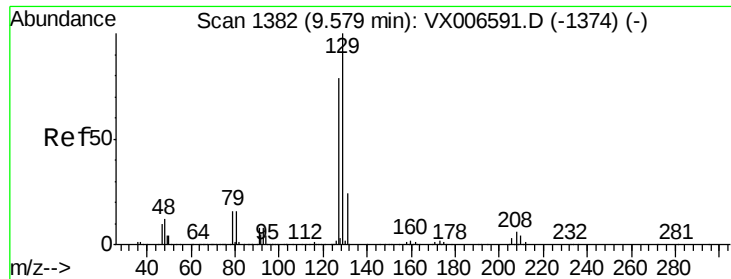
Tgt Ion: 43 Resp: 1302680

Ion Ratio Lower Upper

43 100

58 55.0 27.7 83.1





#60

Dibromochloromethane

Concen: 50.498 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

Tot Ion:129 Resp: 272138

Ion Ratio Lower Upper

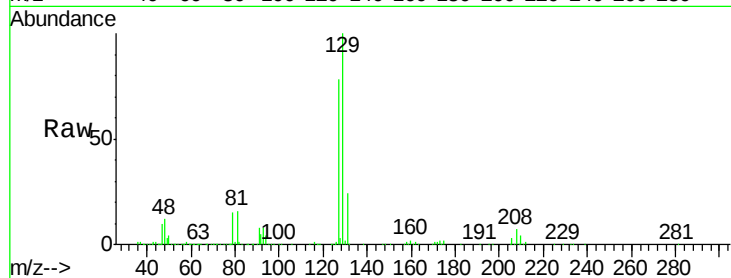
129 100

127 77.5 39.3 117.8

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

200000

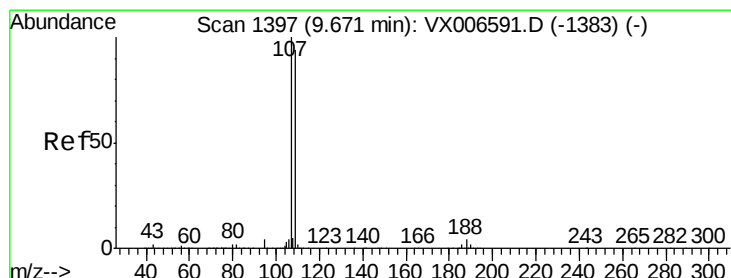
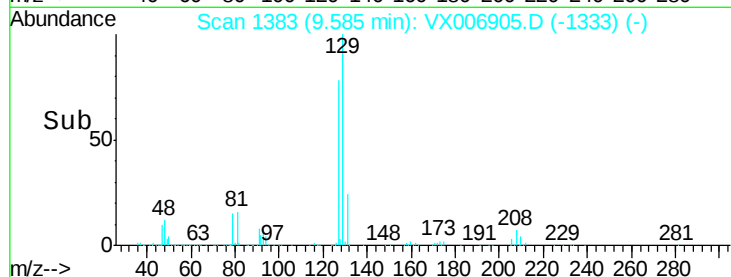
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.465 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006905.D

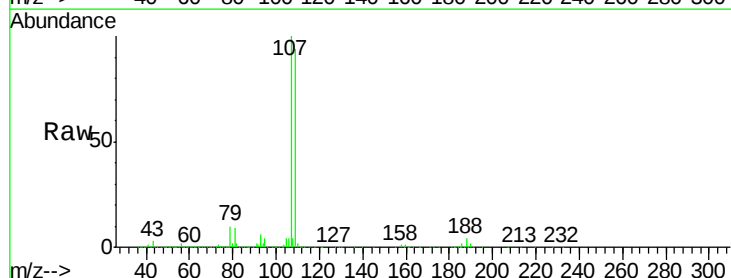
Acq: 03 Jan 2019 19:51

Tgt Ion:107 Resp: 287237

Ion Ratio Lower Upper

107 100

109 94.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

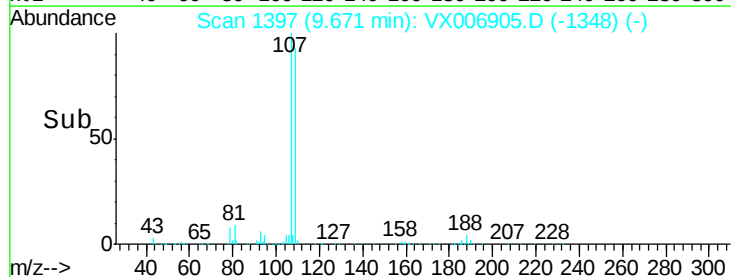
150000

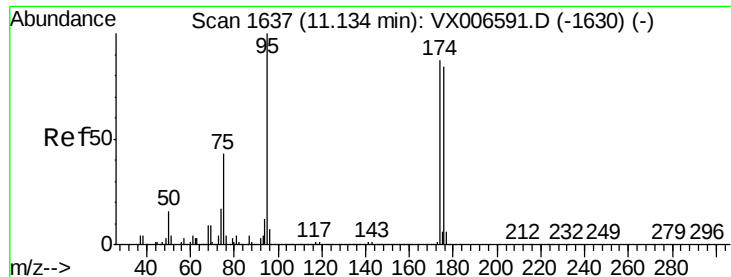
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.026 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

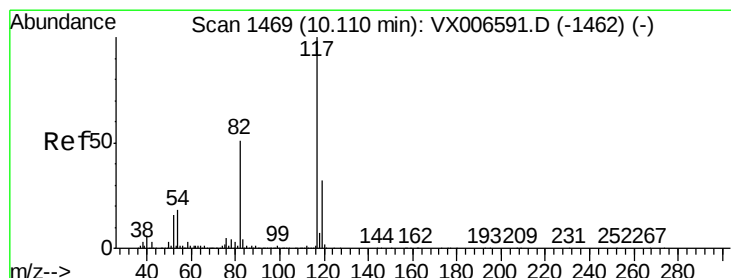
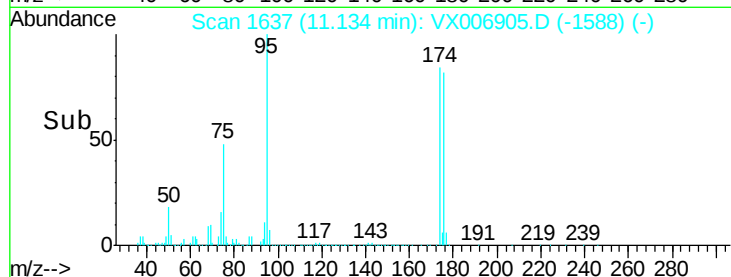
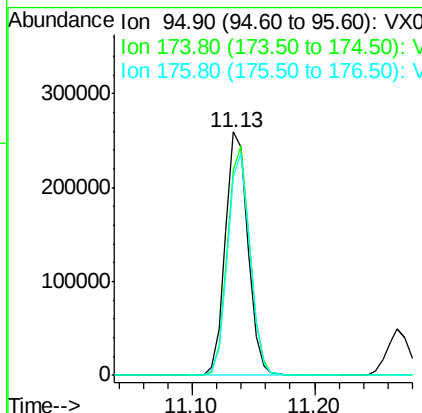
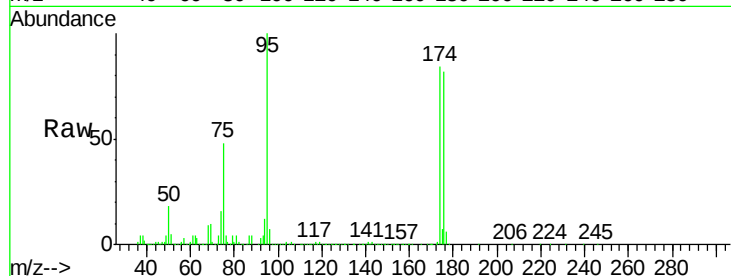
ClientSampleId :

S32-0645MS

Tot Ion:	95	Resp:	331163
Ion Ratio	Lower	Upper	
95	100		
174	93.5	0.0	182.2
176	89.9	0.0	178.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

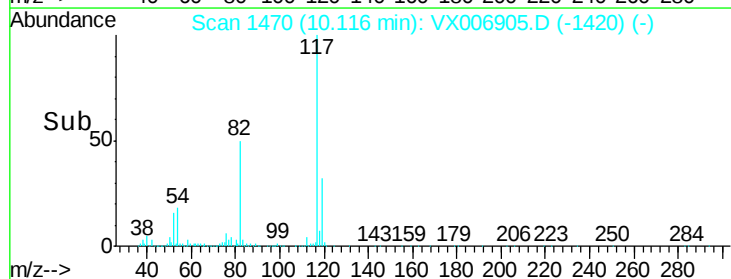
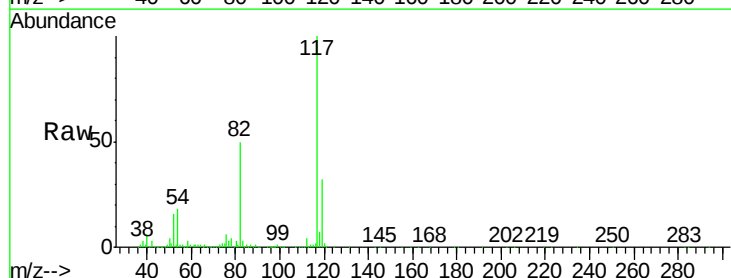
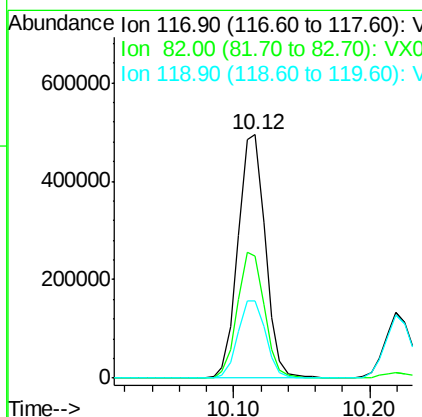
RT: 10.12 min Scan# 1470

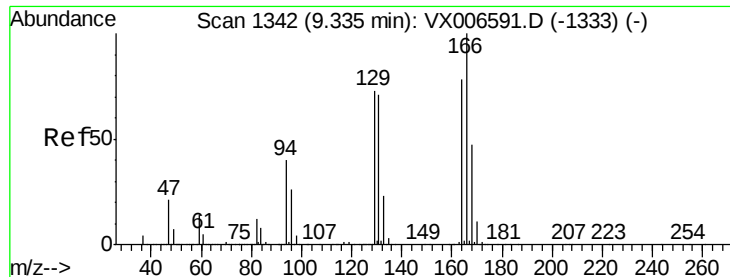
Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Tgt Ion:	117	Resp:	694557
Ion Ratio	Lower	Upper	
117	100		
82	50.1	41.0	61.6
119	31.9	25.4	38.0





#64

Tetrachloroethene

Concen: 47.195 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

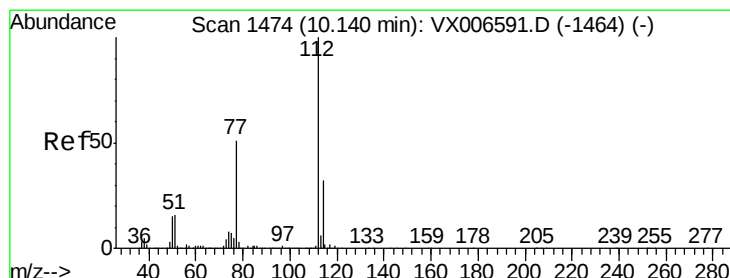
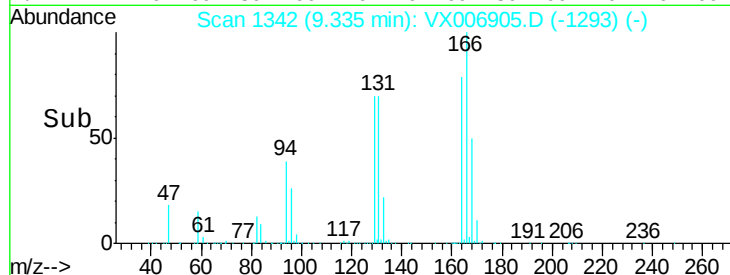
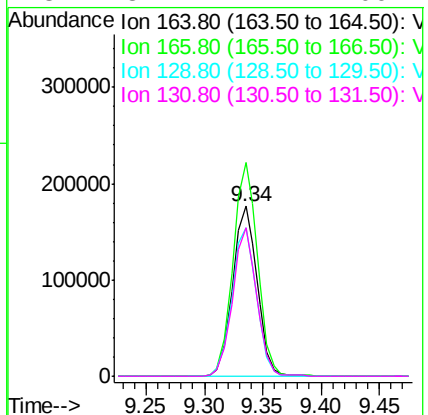
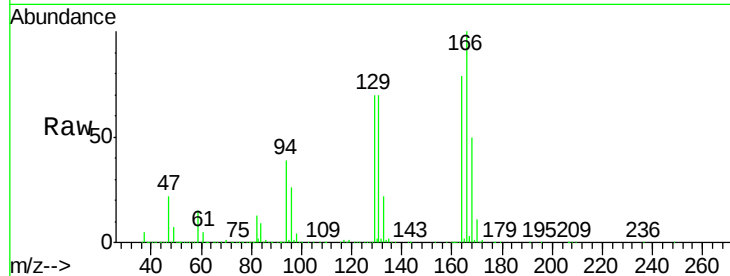
ClientSampleId :

S32-0645MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.5	153.7
129	87.6	75.1	112.7
131	87.7	72.7	109.1

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#65

Chlorobenzene

Concen: 49.288 ug/l

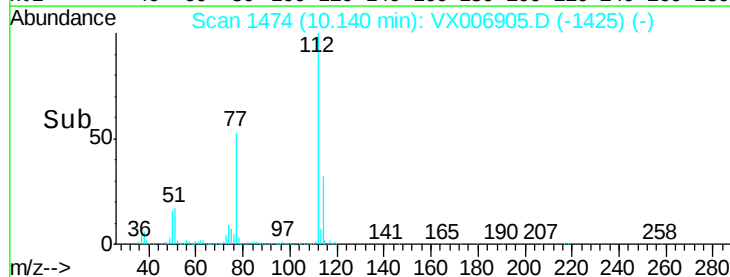
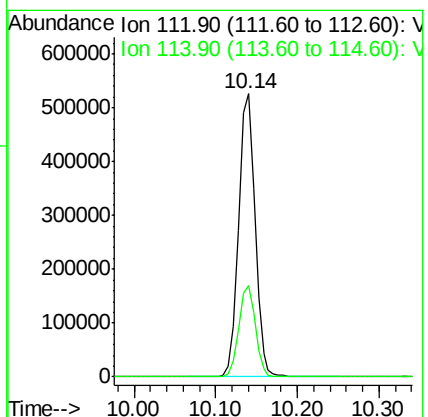
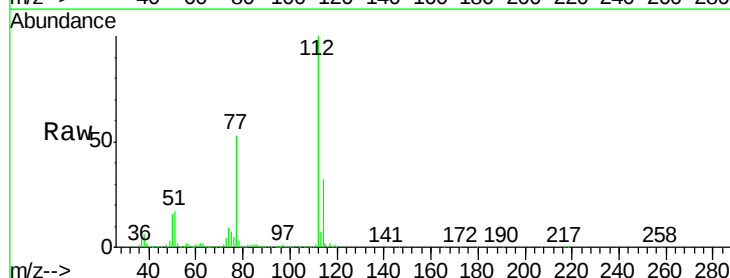
RT: 10.14 min Scan# 1474

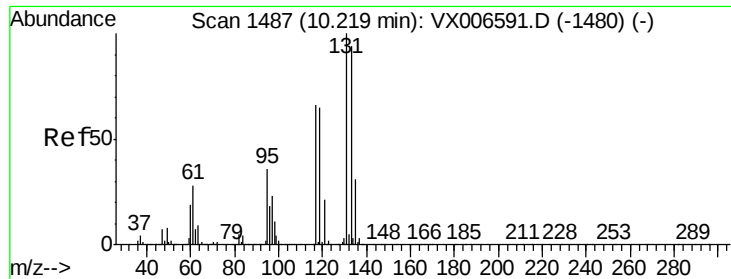
Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 57.394 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

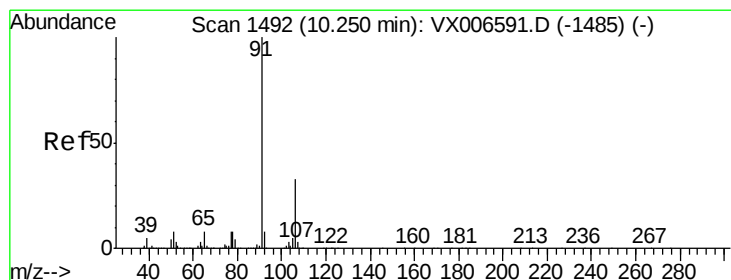
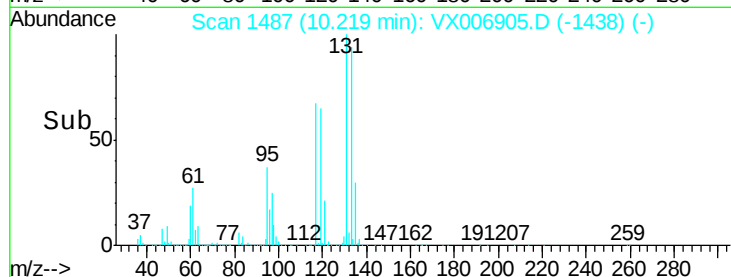
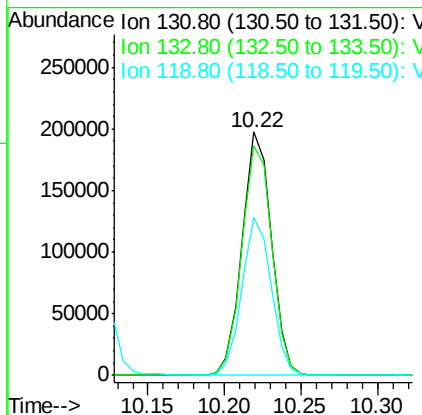
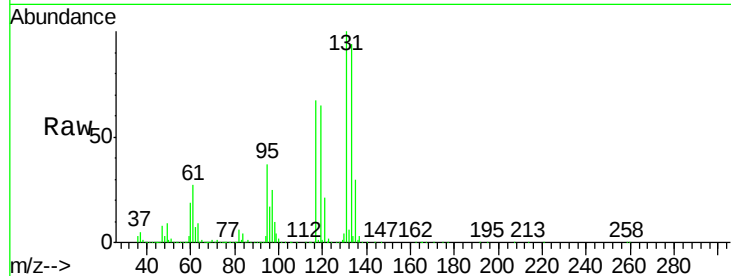
ClientSampled :

S32-0645MS

Tot Ion:	131	Resp:	263122
Ion Ratio	Lower	Upper	
131	100		
133	96.4	48.0	144.2
119	65.2	32.6	97.8

Manual Integrations
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#67

Ethyl Benzene

Concen: 48.419 ug/l

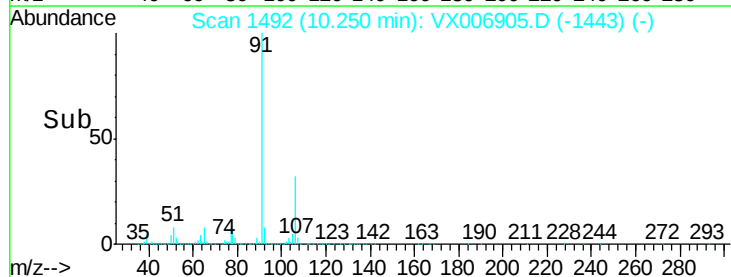
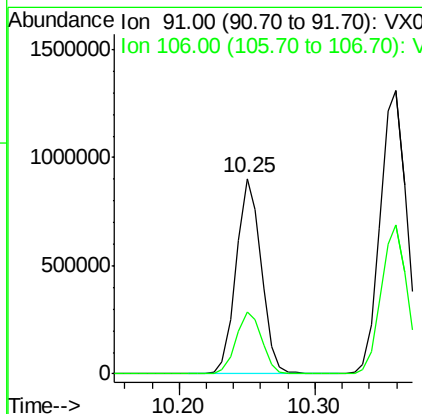
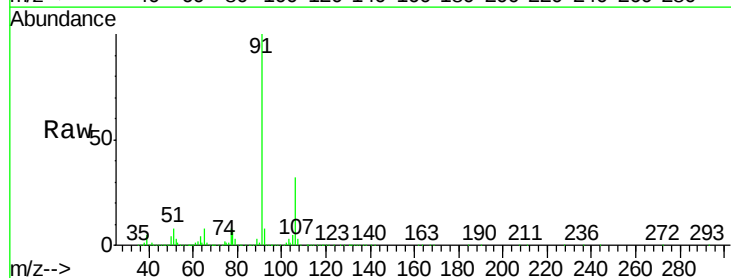
RT: 10.25 min Scan# 1492

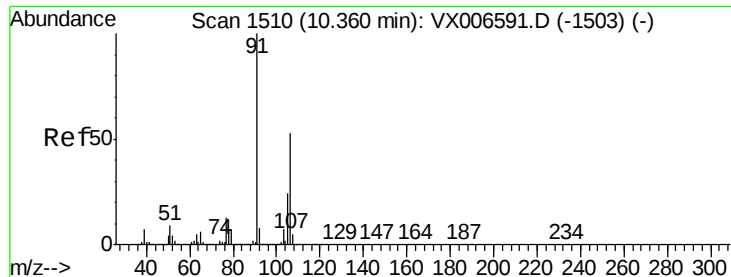
Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Tgt Ion:	91	Resp:	1162581
Ion Ratio	Lower	Upper	
91	100		
106	31.7	26.4	39.6





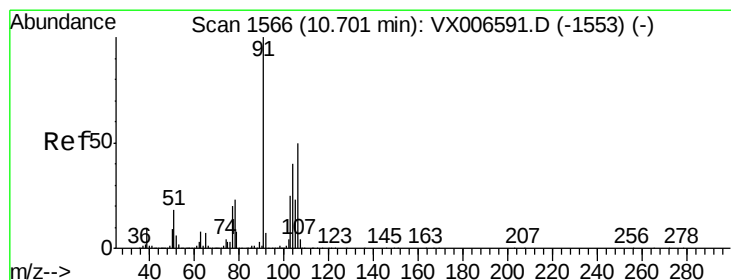
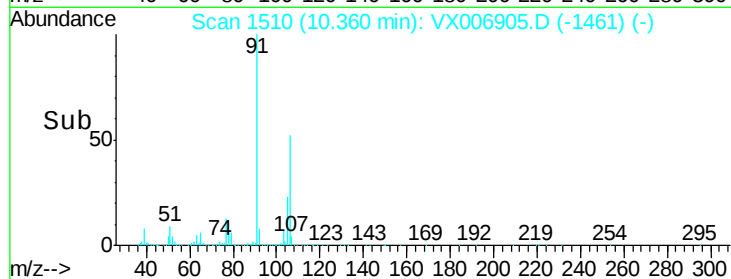
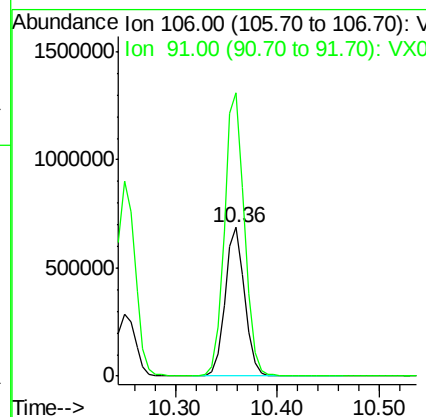
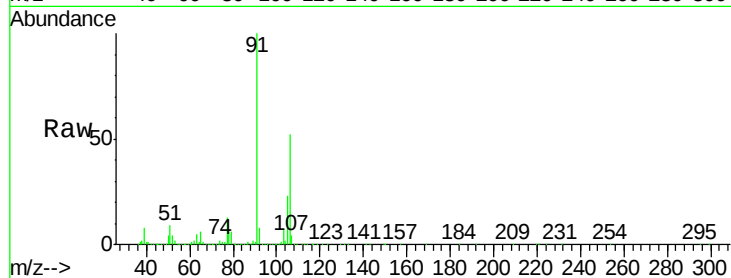
#68
m/p-Xvlenes
Concen: 96.909 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	195.3	155.8	233.6	

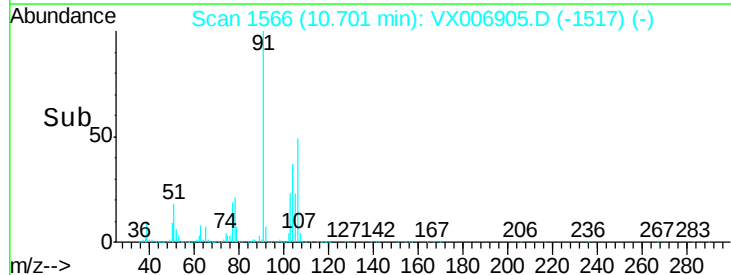
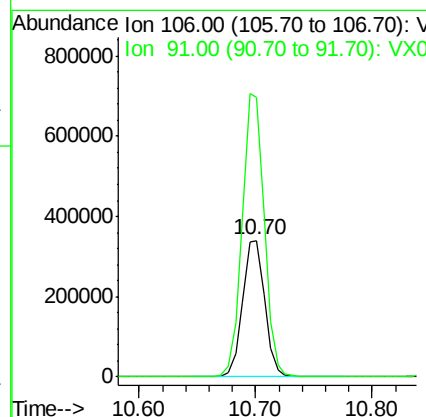
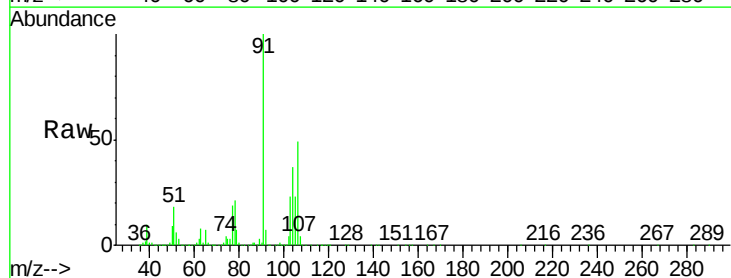
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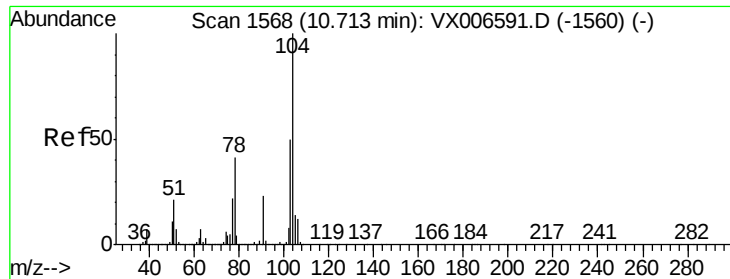
MMDadoda
1/4/2019 10:01:29 AM



#69
o-Xylene
Concen: 48.517 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
106	100			
91	205.9	101.3	303.7	





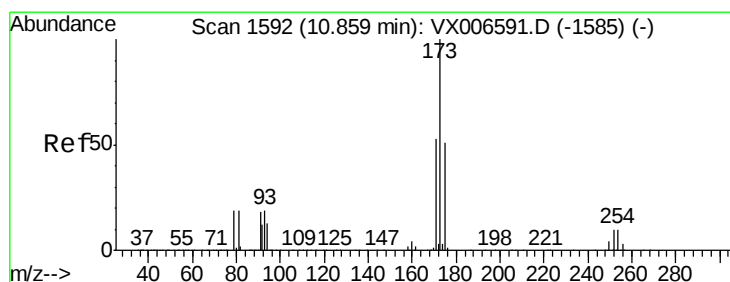
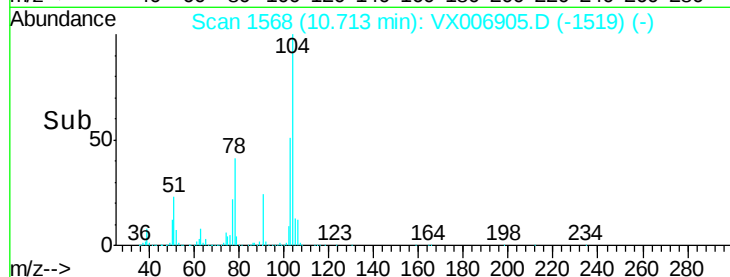
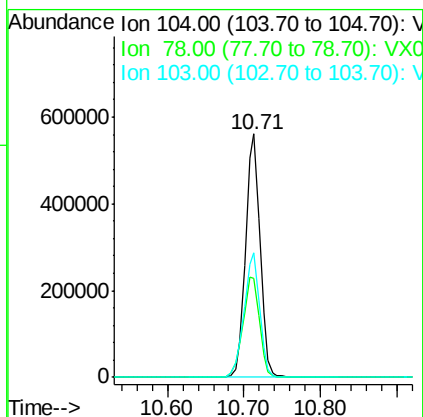
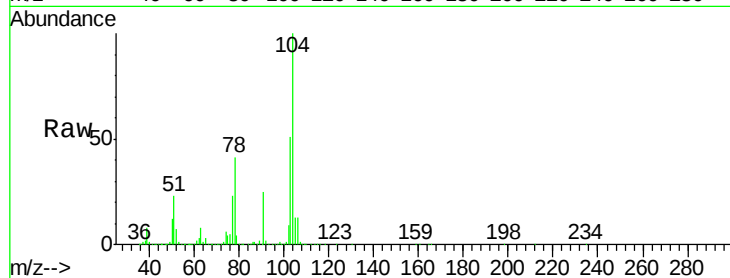
#70
Stvrene
Concen: 49.753 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.1	37.7	56.5
103	55.3	43.8	65.8

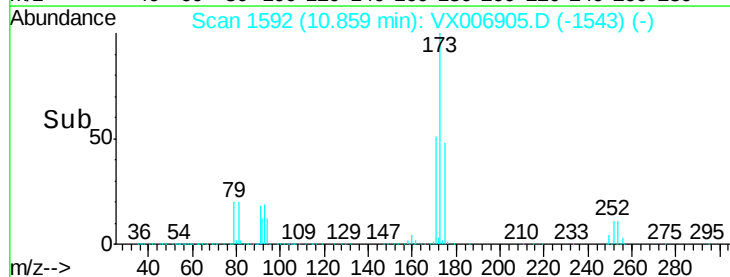
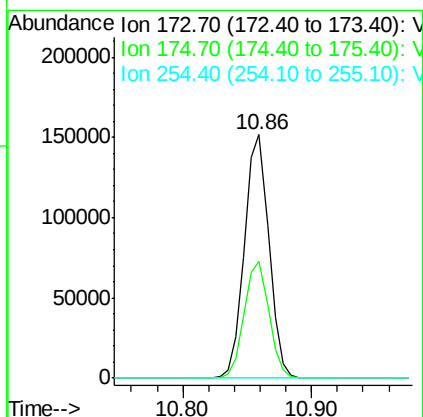
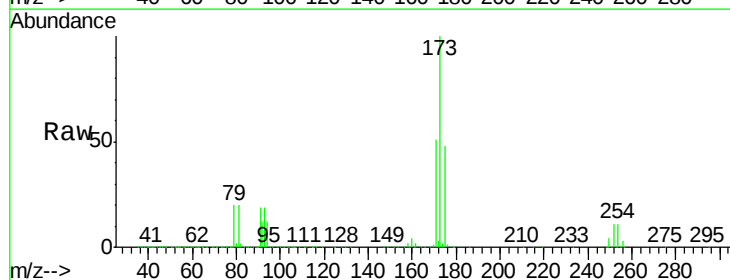
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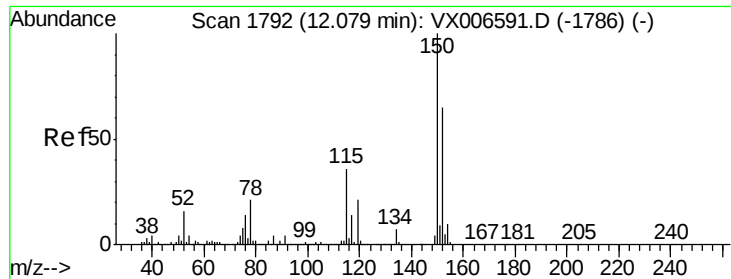
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1/4/2019 10:01:29 AM



#71
Bromoform
Concen: 48.063 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.7	74.1
254	0.2	0.2	0.2





#72

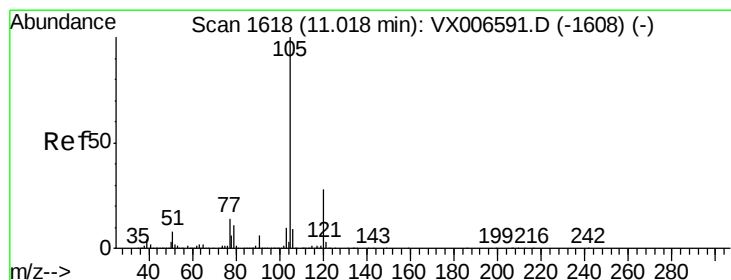
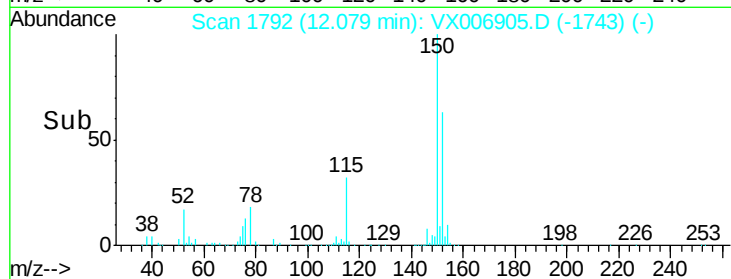
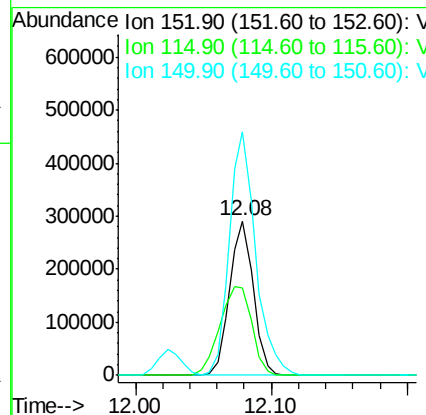
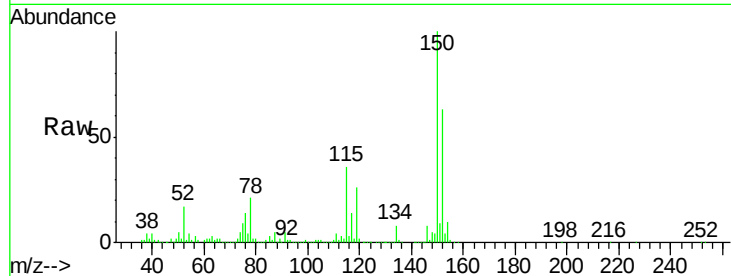
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.9	39.1	117.2
150	174.7	0.0	344.8

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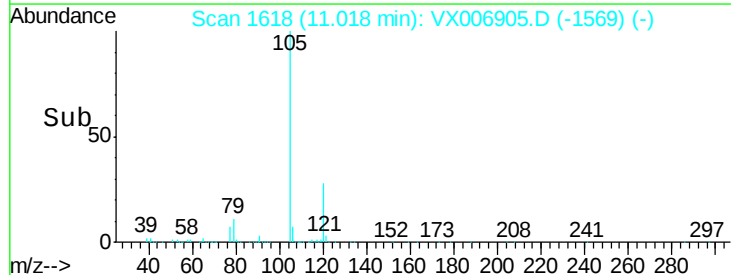
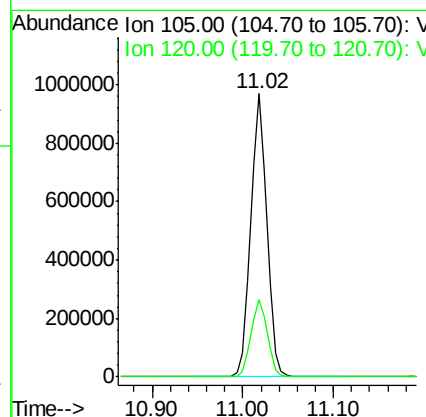
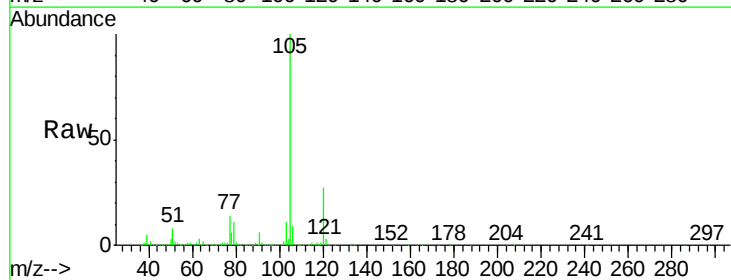
MMDadoda
1/4/2019 10:01:29 AM

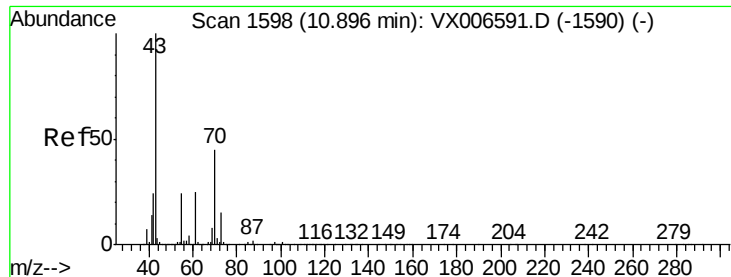


#73

Isopropylbenzene
Concen: 49.489 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	14.1	42.4





#74

N-amvl acetate

Concen: 54.856 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

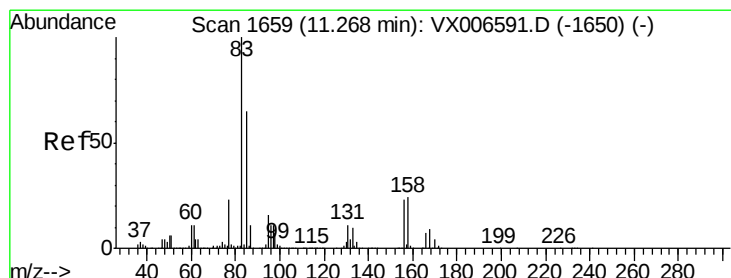
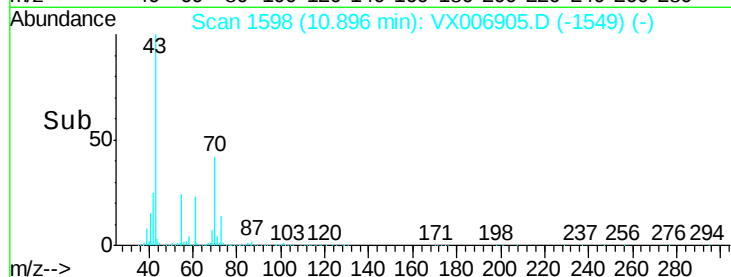
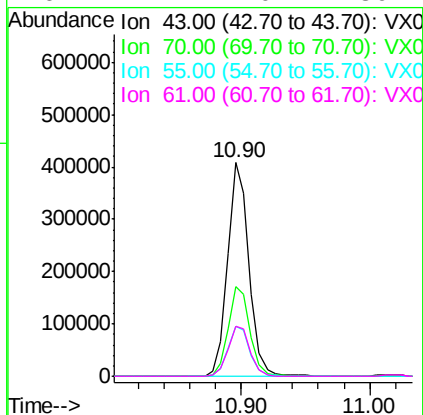
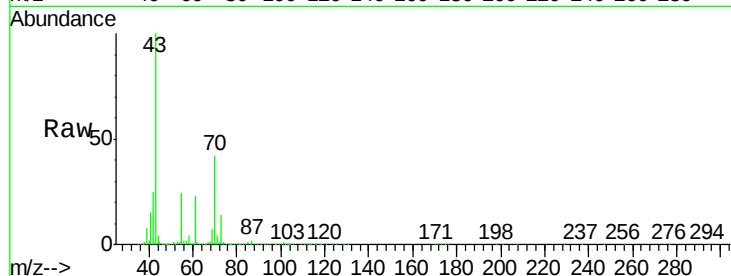
ClientSampleId :

S32-0645MS

Tot Ion	43	Resp	472650
Ion Ratio	Lower	Upper	
43	100		
70	42.9	35.8	53.8
55	24.1	19.4	29.0
61	24.4	20.1	30.1

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#75

1,1,2,2-Tetrachloroethane

Concen: 54.652 ug/l

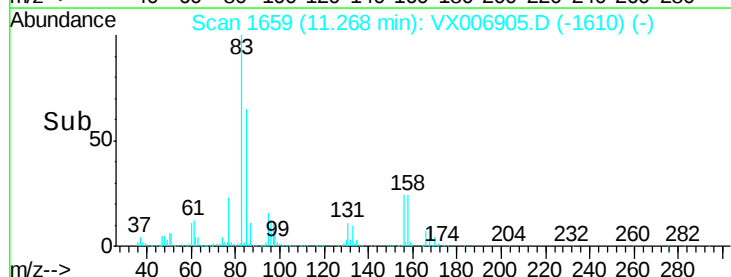
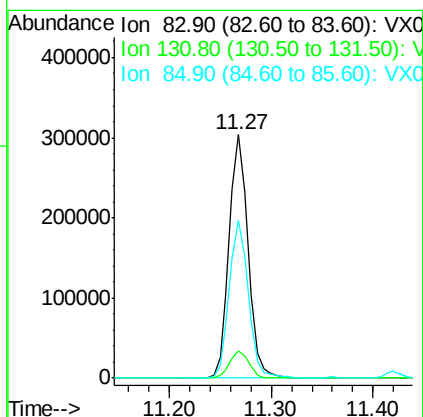
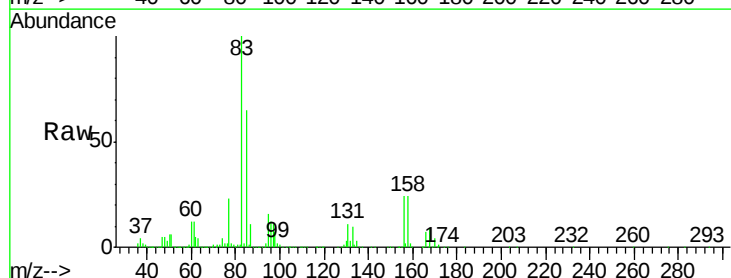
RT: 11.27 min Scan# 1659

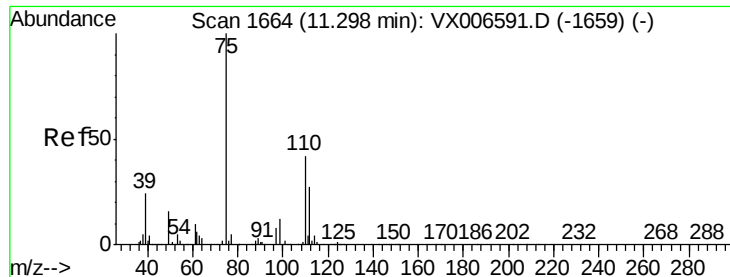
Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Tgt Ion	83	Resp	391254
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.1
85	65.3	32.2	96.6





#76

1,2,3-Trichloropropane

Concen: 54.828 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

S32-0645MS

Tot Ion: 75 Resp: 358527

Ion Ratio Lower Upper

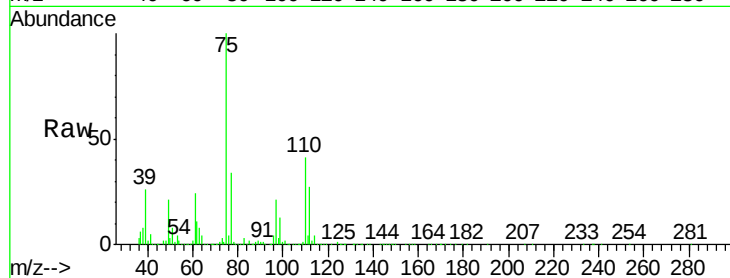
75 100

77 38.3 18.5 55.5

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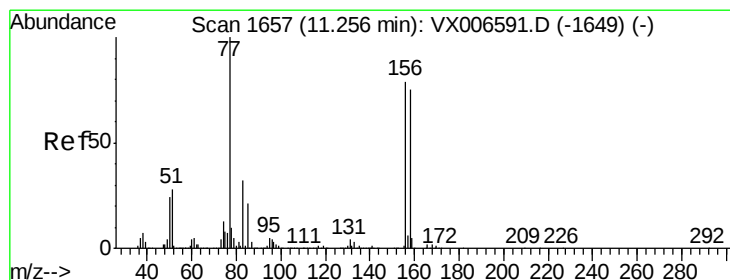
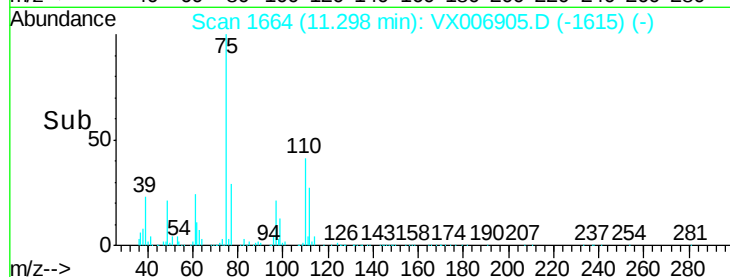
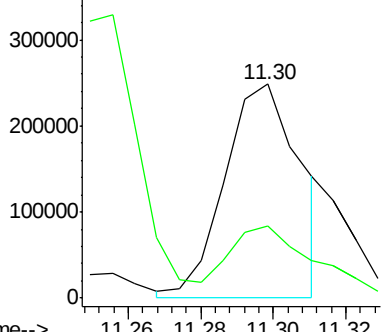
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 49.985 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

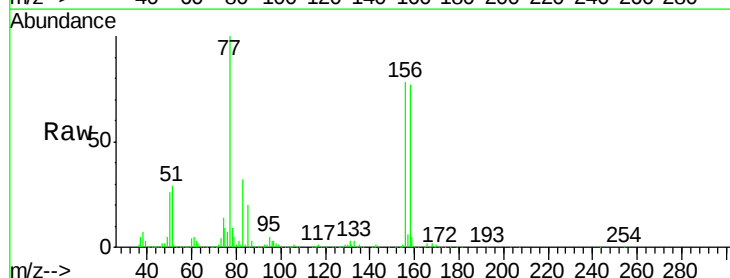
Tgt Ion: 156 Resp: 325296

Ion Ratio Lower Upper

156 100

77 135.1 68.0 204.0

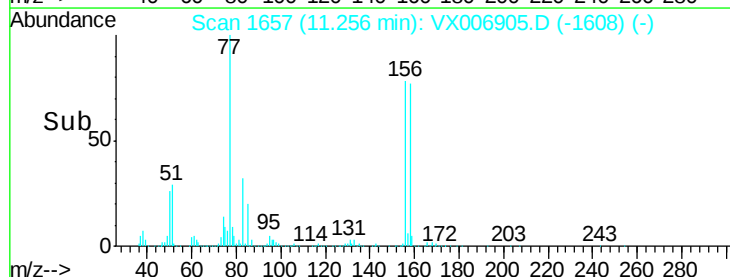
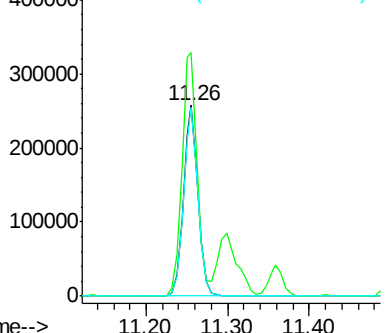
158 98.2 48.3 144.8

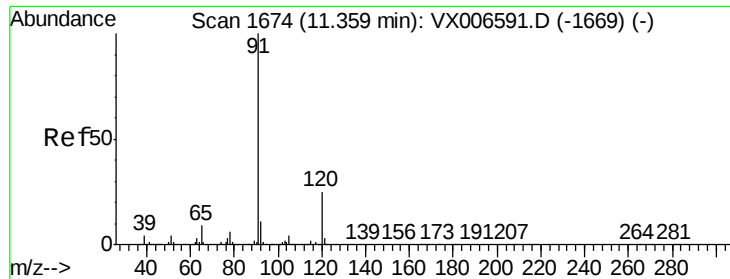


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 49.435 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

Tot Ion: 91 Resp: 1310404

Ion Ratio Lower Upper

91 100

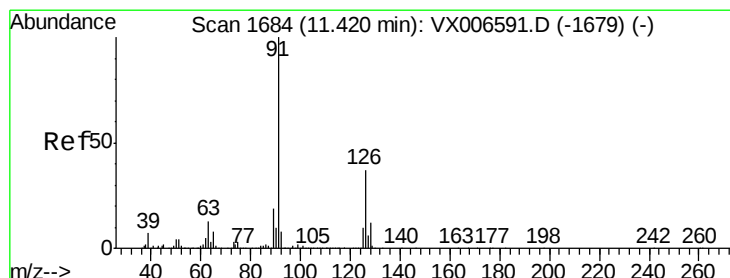
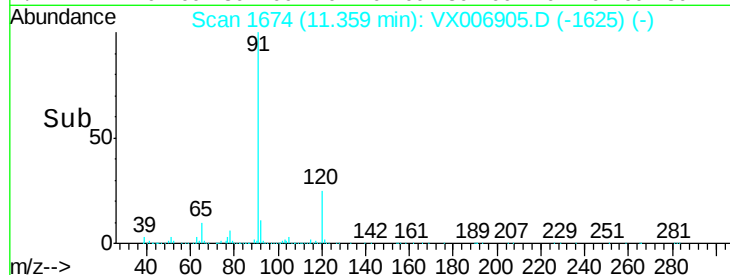
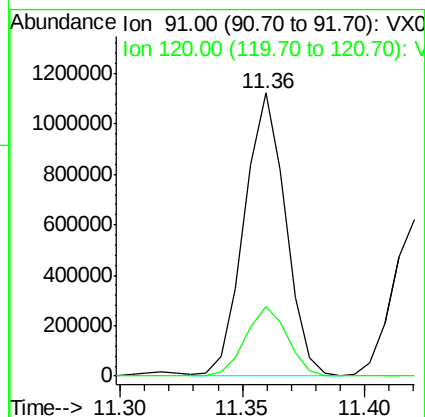
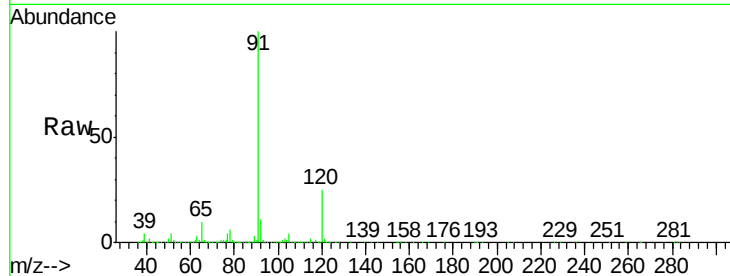
120 25.1 12.7 38.0

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#79

2-Chlorotoluene

Concen: 48.165 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006905.D

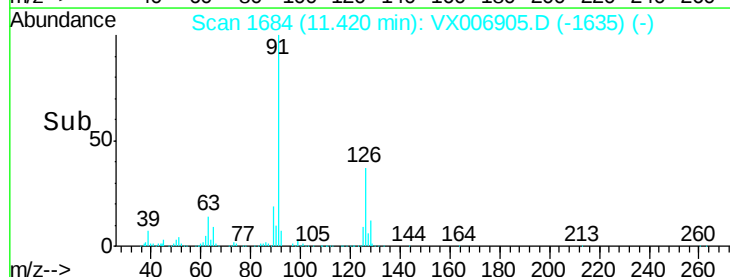
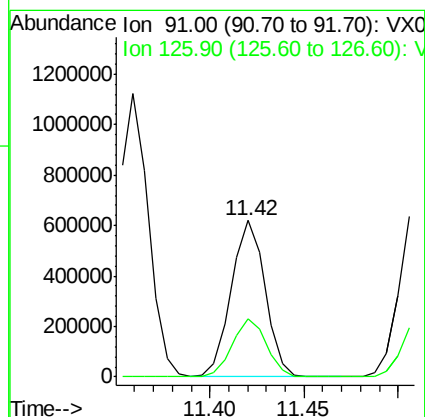
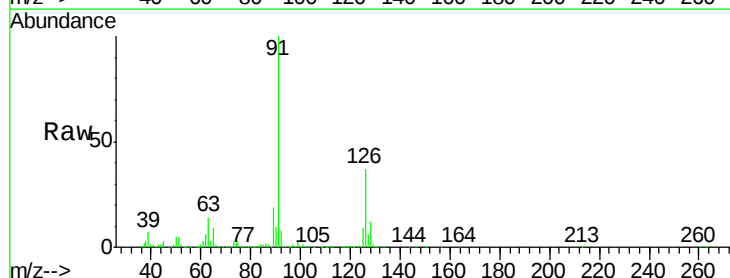
Acq: 03 Jan 2019 19:51

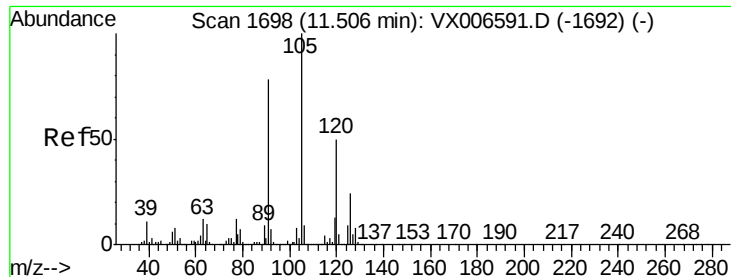
Tgt Ion: 91 Resp: 773724

Ion Ratio Lower Upper

91 100

126 37.5 18.6 56.0





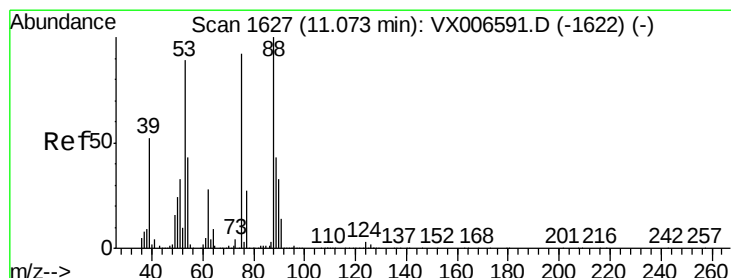
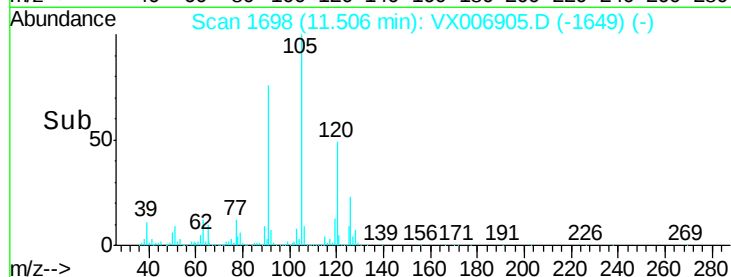
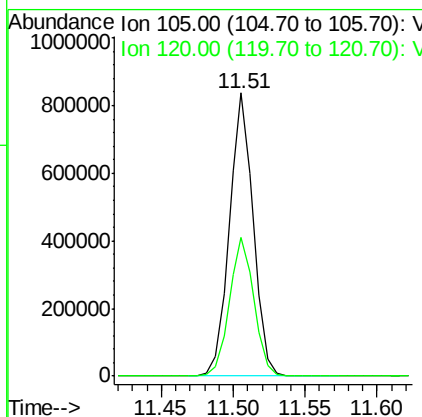
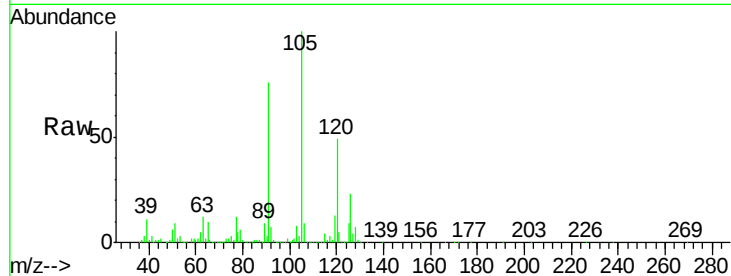
#80
 1,3,5-Trimethylbenzene
 Concen: 49.023 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.3	25.1	75.3

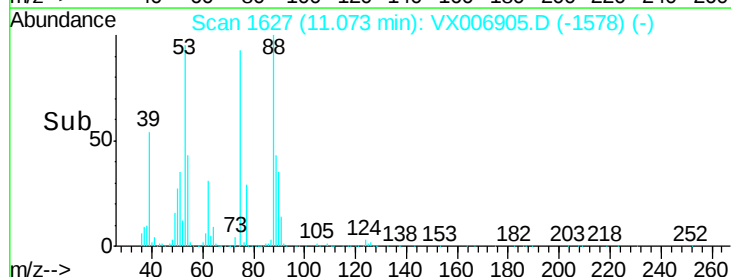
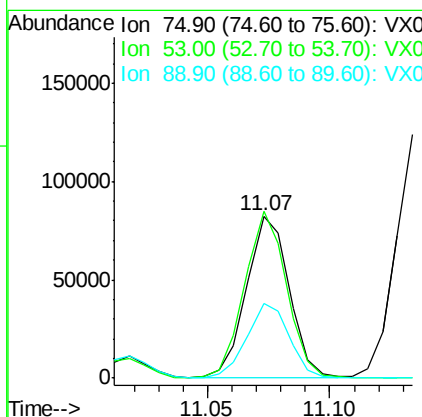
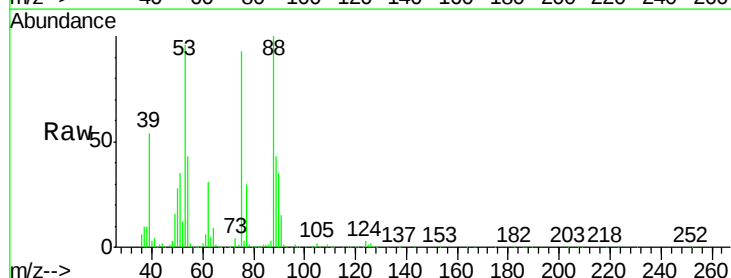
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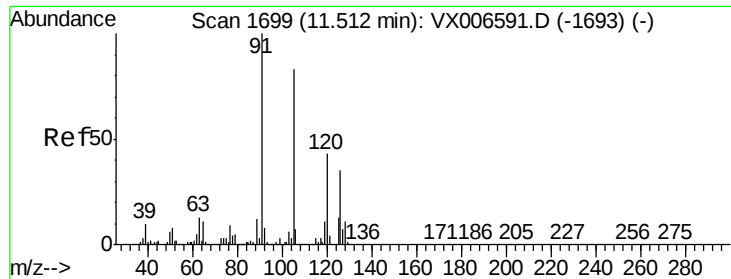
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.940 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.9	79.7	119.5
89	46.3	38.0	57.0





#82

4-Chlorotoluene

Concen: 48.883 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

Tot Ion: 91 Resp: 900743

Ion Ratio Lower Upper

91 100

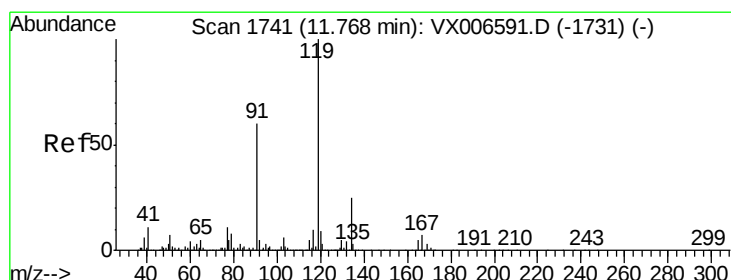
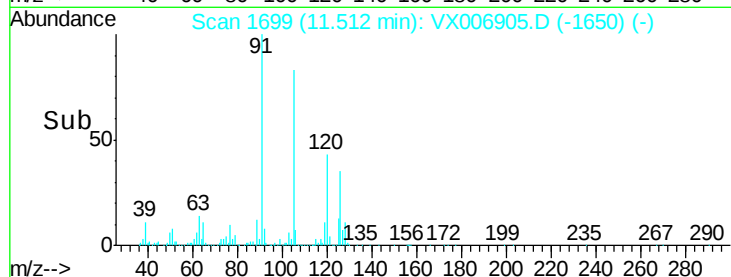
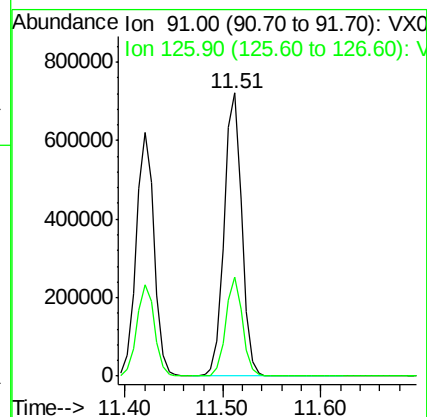
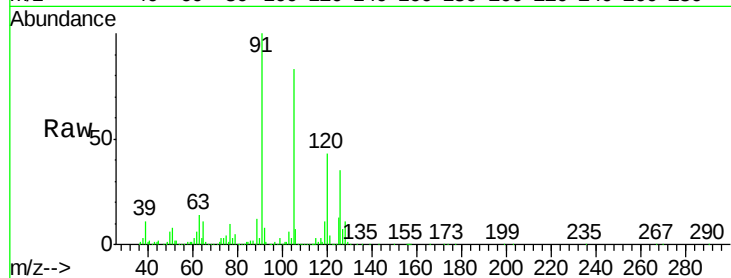
126 32.8 16.3 48.9

Manual Integrations

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#83

tert-Butylbenzene

Concen: 50.812 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

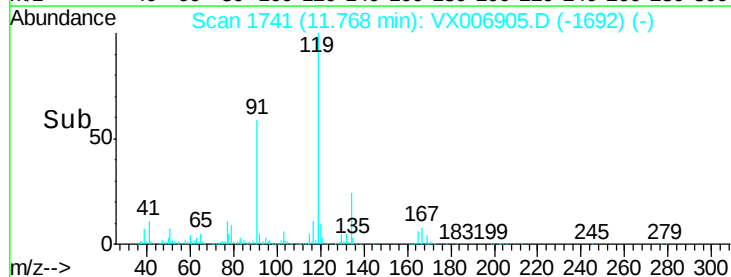
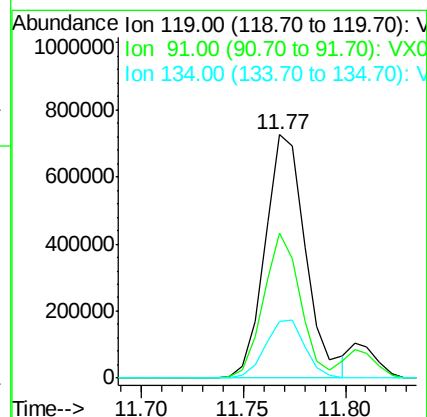
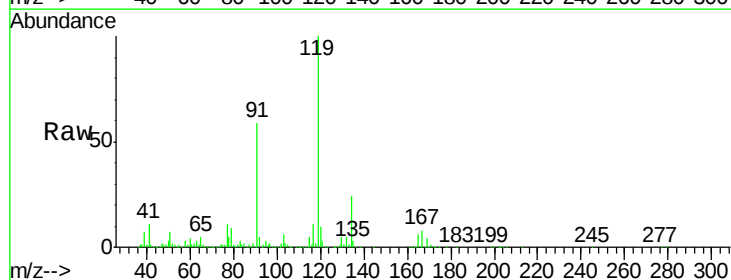
Tgt Ion: 119 Resp: 1008296

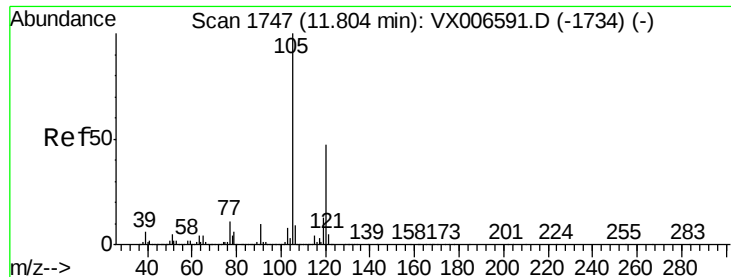
Ion Ratio Lower Upper

119 100

91 53.8 27.7 83.1

134 23.2 11.9 35.5





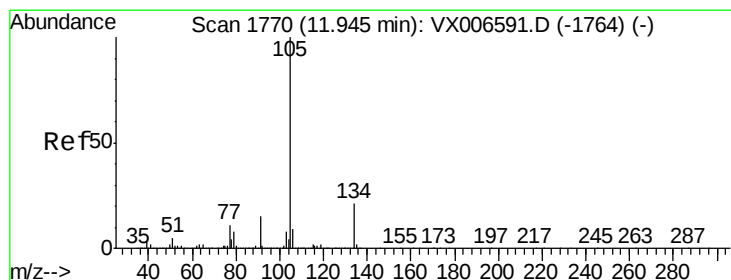
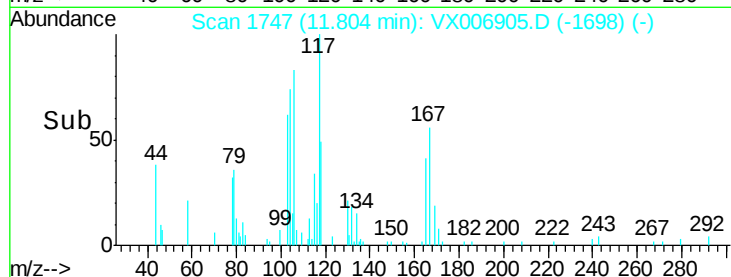
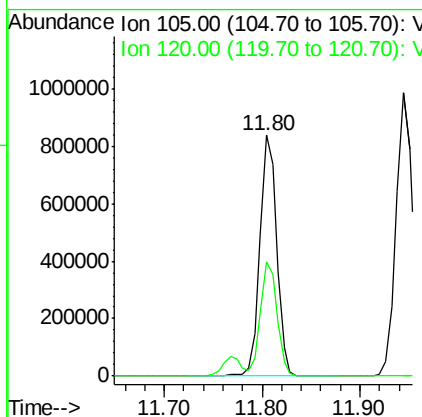
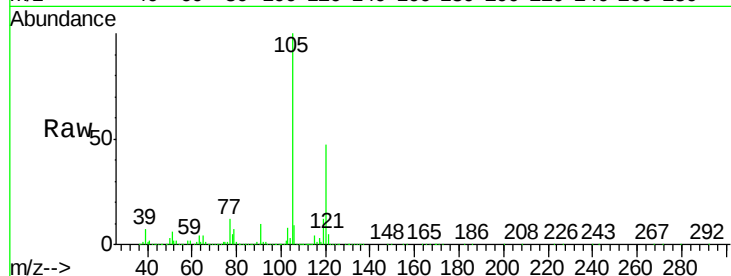
#84
 1,2,4-Trimethylbenzene
 Concen: 48.132 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Instrument :
 MSVOA_X
 ClientSampled :
 S32-0645MS

Tot Ion:105 Resp: 1003770
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.6

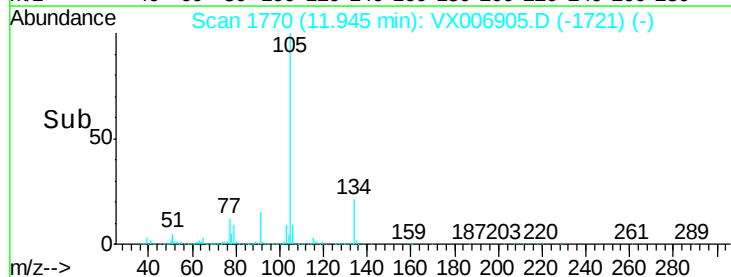
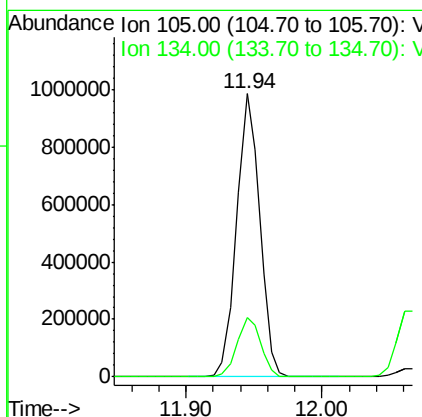
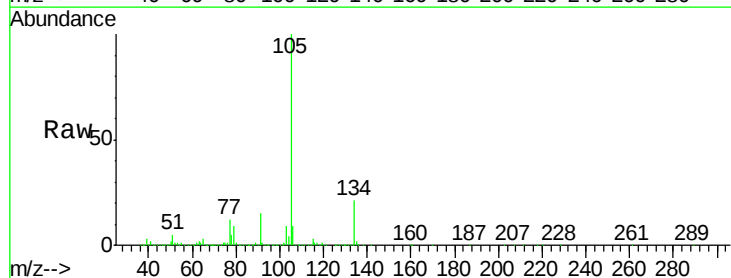
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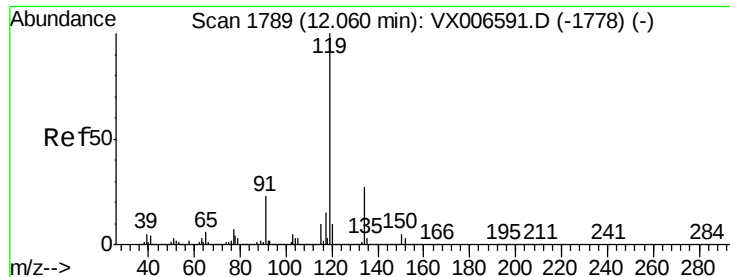
MMDadoda
 1/4/2019 10:01:29 AM



#85
 sec-Butylbenzene
 Concen: 47.820 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion:105 Resp: 1163432
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 31.9





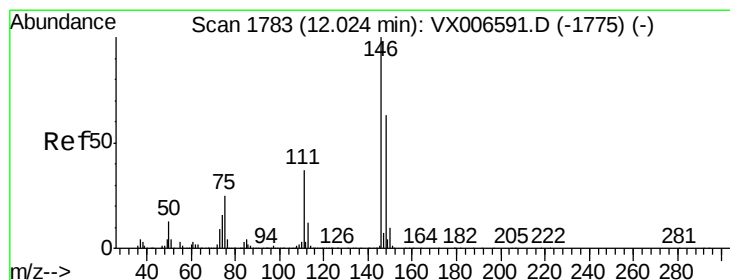
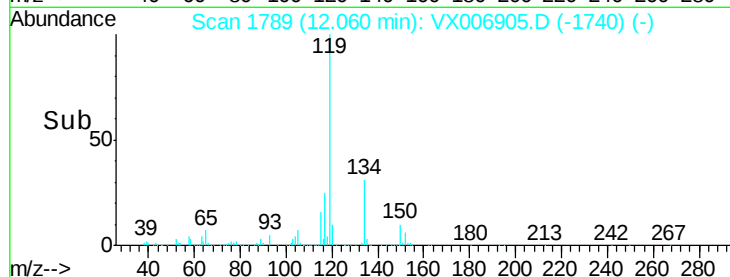
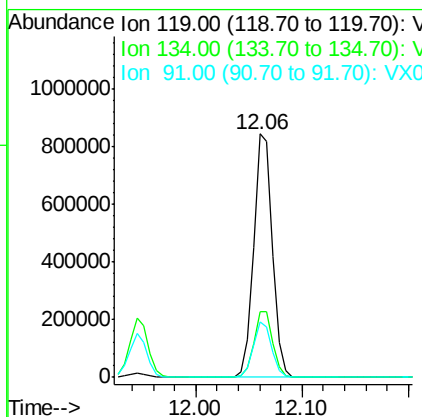
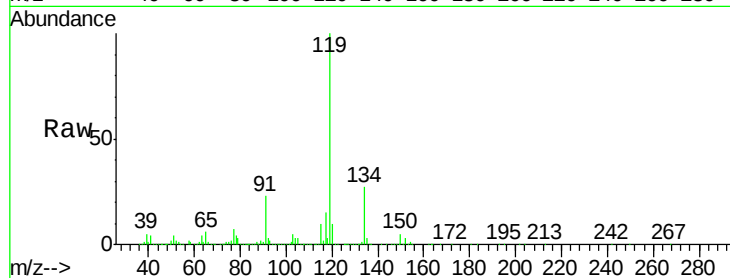
#86
p-Isopropyltoluene
Concen: 48.485 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.5	14.0	41.9
91	22.3	11.3	33.9

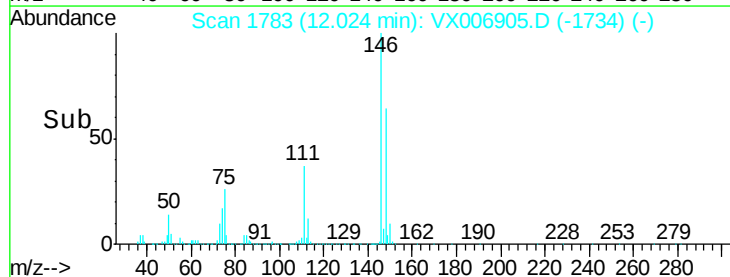
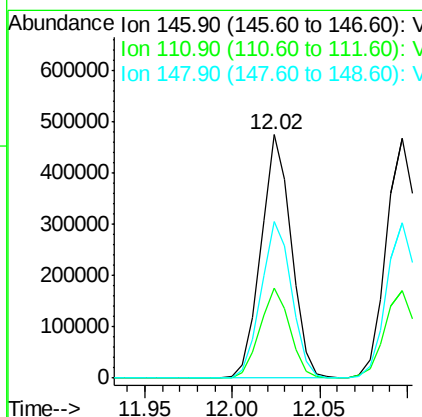
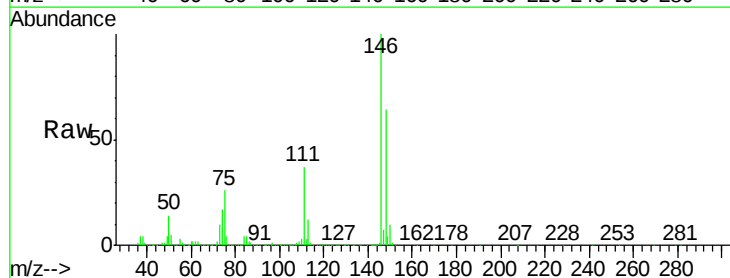
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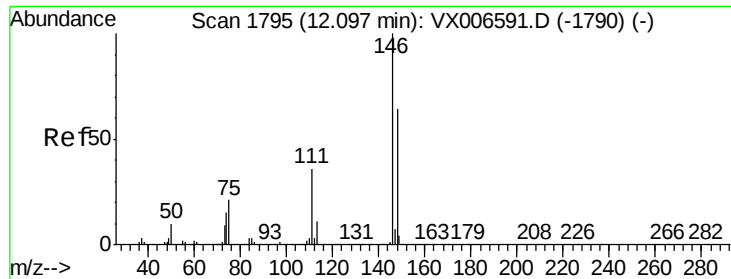
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 48.564 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	65.1	31.8	95.3





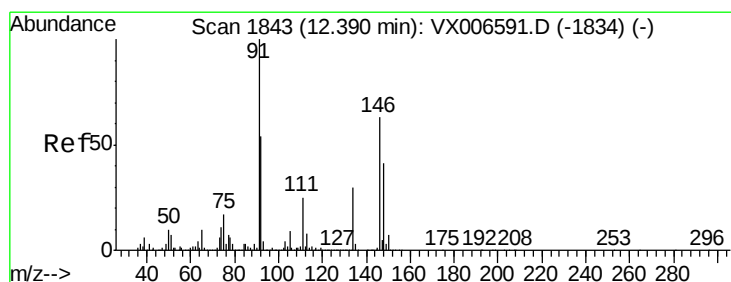
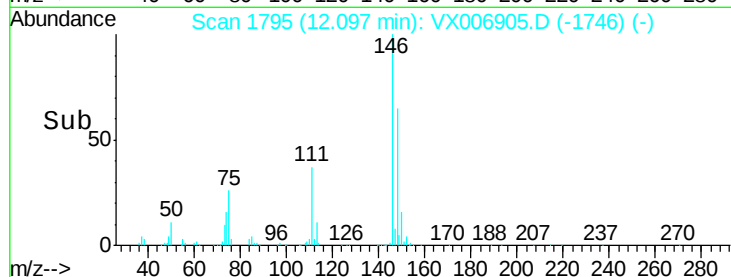
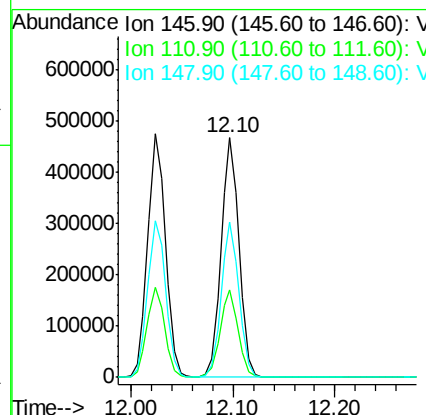
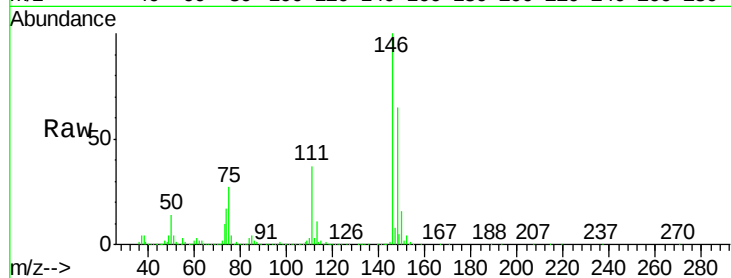
#88
 1,4-Dichlorobenzene
 Concen: 48.164 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	63.8	31.9	95.9

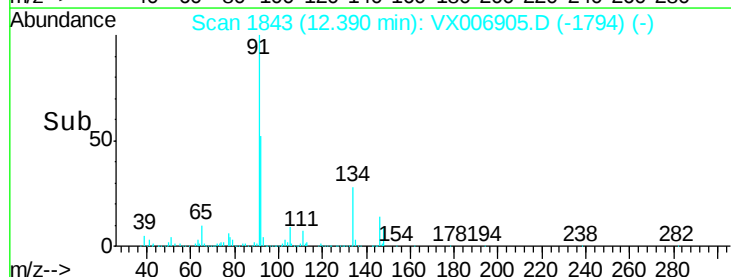
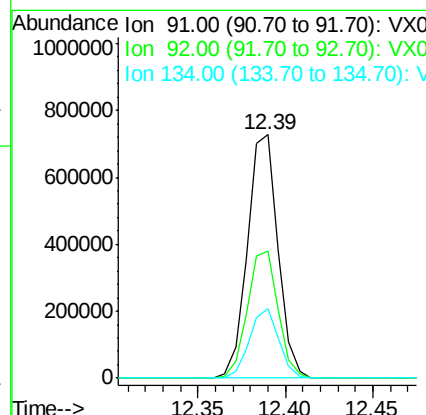
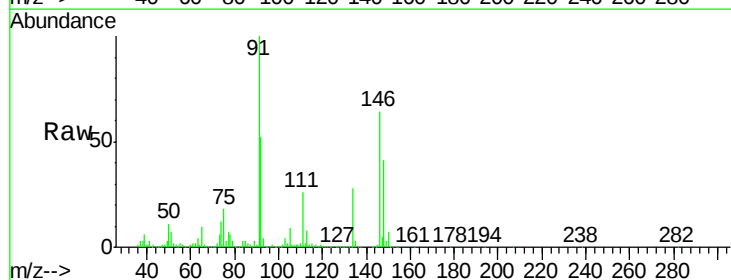
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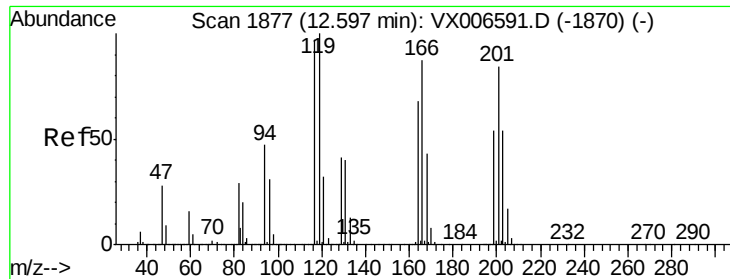
MMDadoda
 1/4/2019 10:01:29 AM



#89
 n-Butylbenzene
 Concen: 48.212 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.4
134	27.6	14.4	43.2





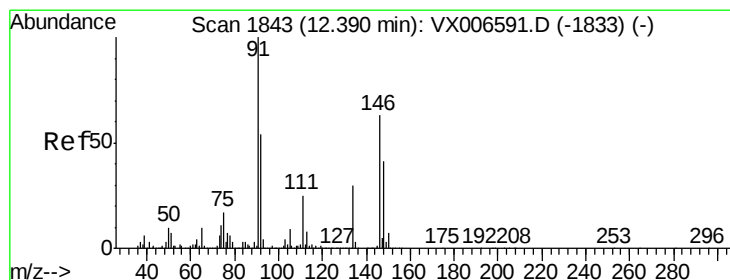
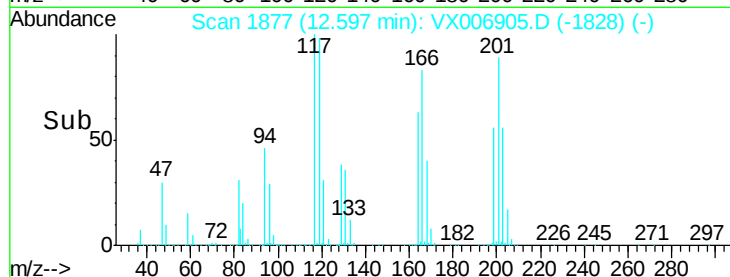
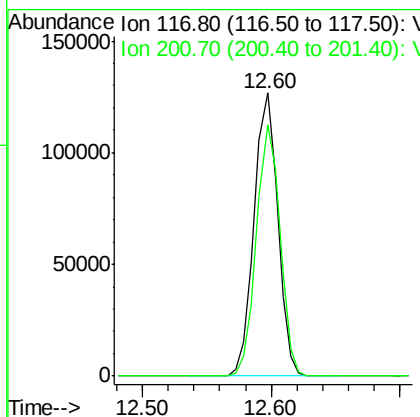
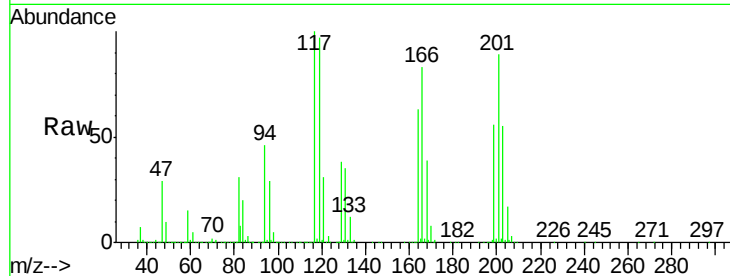
#90
Hexachloroethane
Concen: 47.833 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	159591		
201	89.2	42.9	128.7	

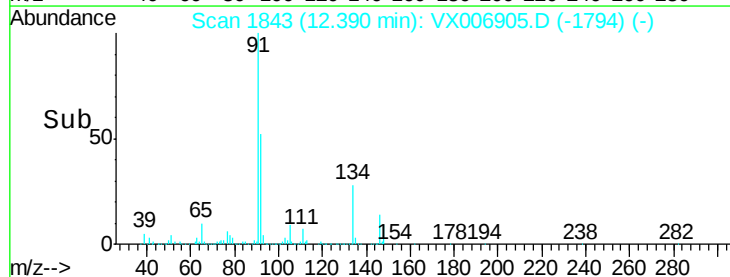
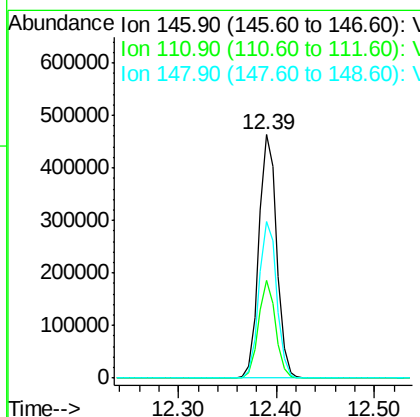
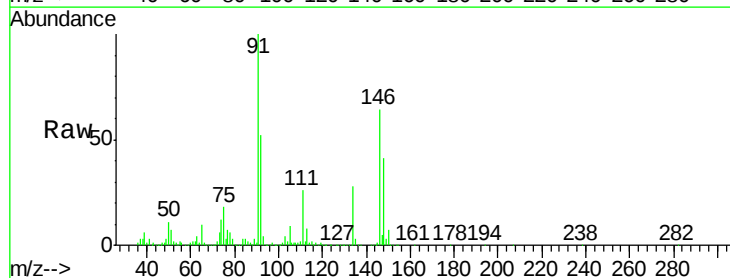
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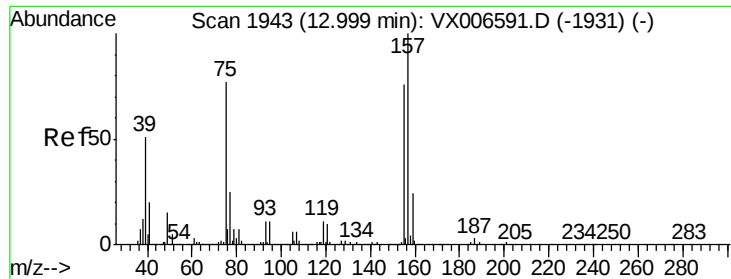
MMDadoda
1/4/2019 10:01:29 AM



#91
1,2-Dichlorobenzene
Concen: 49.745 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	583655		
111	38.3	19.4	58.2	
148	64.2	32.3	96.9	





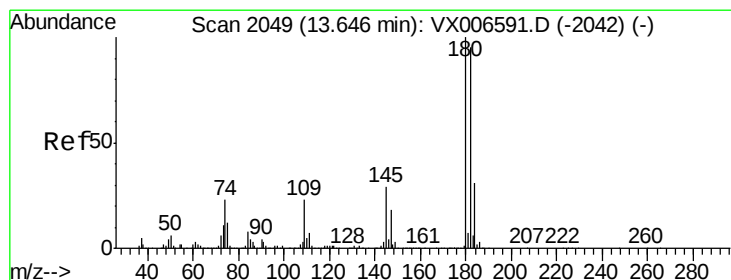
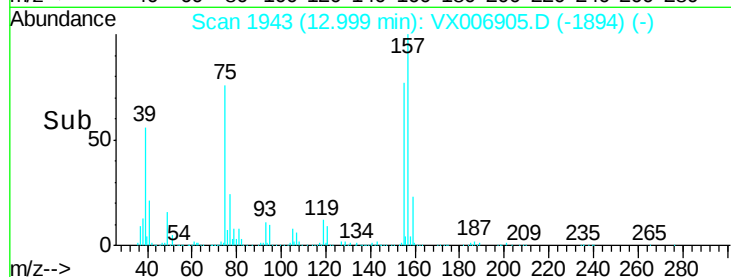
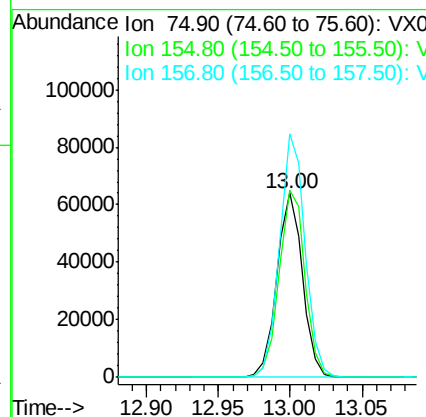
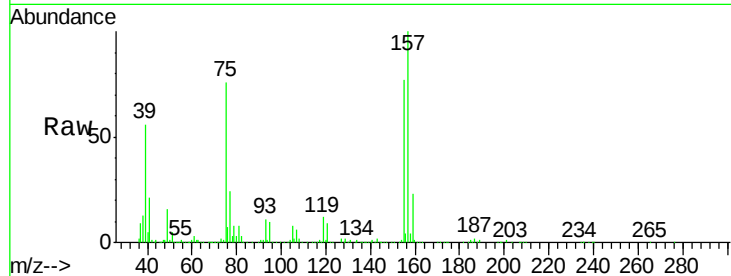
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.636 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Instrument :
 MSVOA_X
 ClientSampled :
 S32-0645MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	102.9	50.6	151.8
157	132.0	64.6	193.8

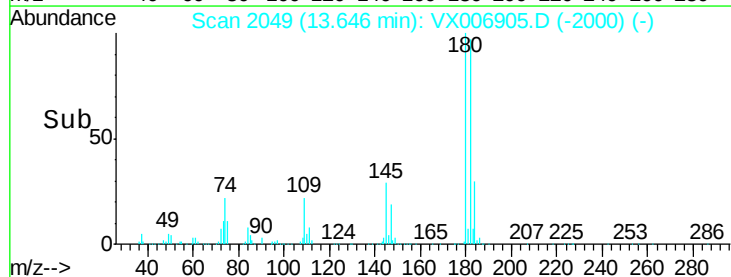
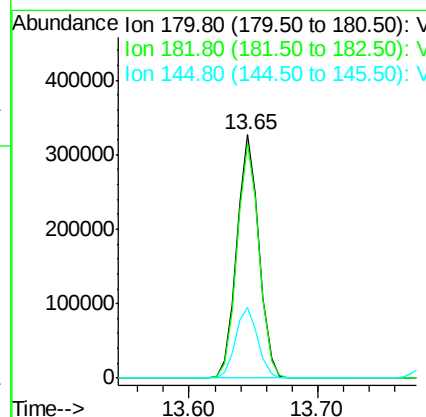
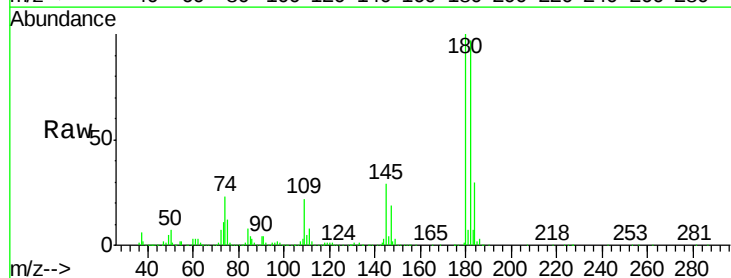
Manual Integrations
 APPROVED

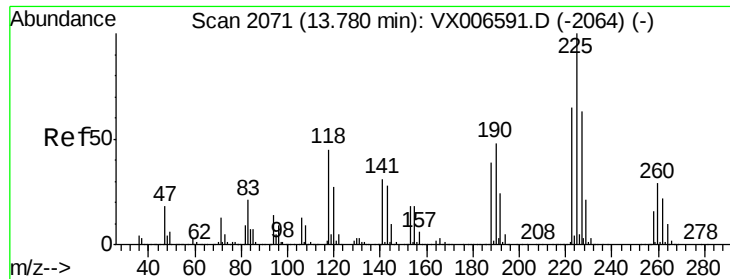
MMDadoda
 1/4/2019 10:01:29 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.542 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	29.3	14.8	44.3





#94

Hexachlorobutadiene

Concen: 42.011 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

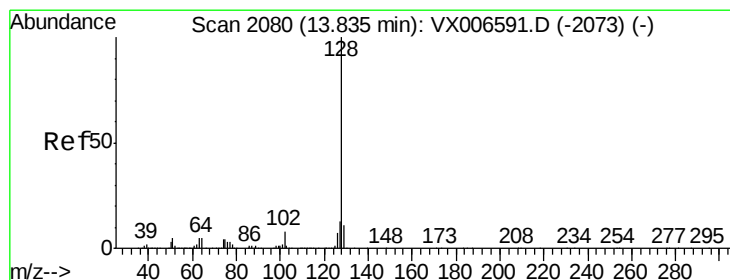
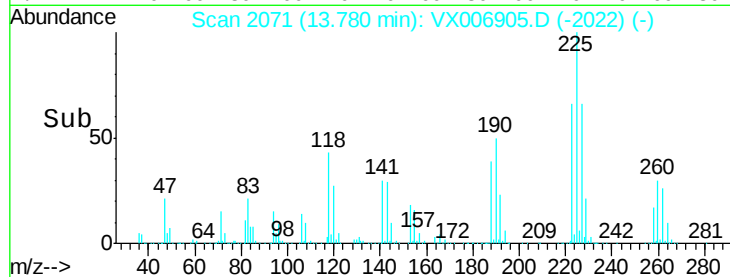
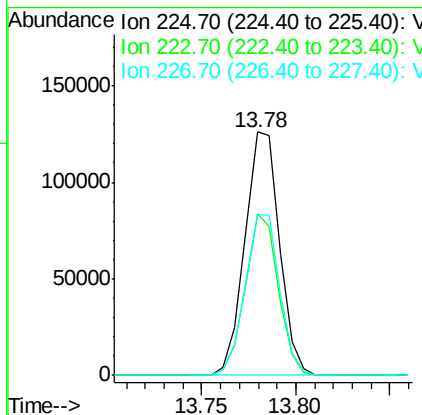
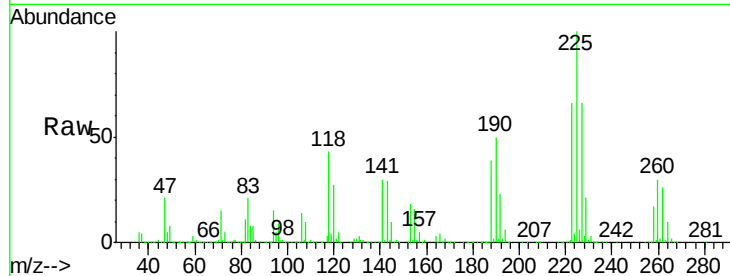
ClientSampled :

S32-0645MS

Tot Ion:	225	Resp:	160261
Ion Ratio		Lower	Upper
225	100		
223	63.6	32.1	96.3
227	65.8	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
1/4/2019 10:01:29 AM



#95

Naphthalene

Concen: 49.246 ug/l

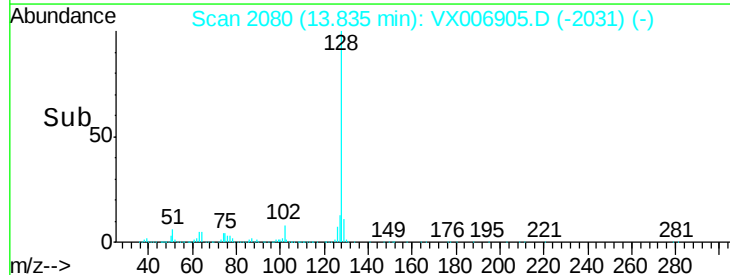
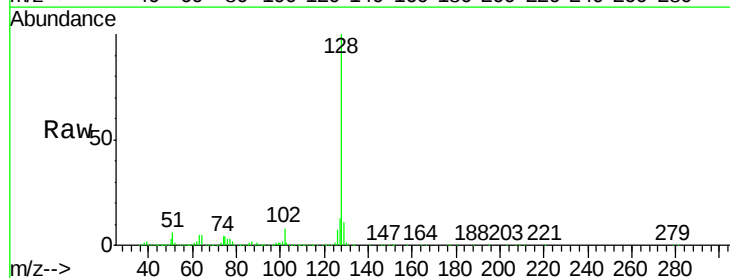
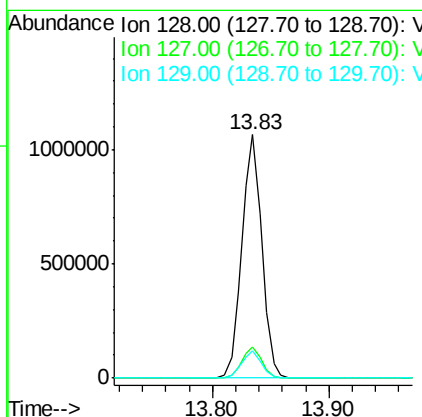
RT: 13.83 min Scan# 2080

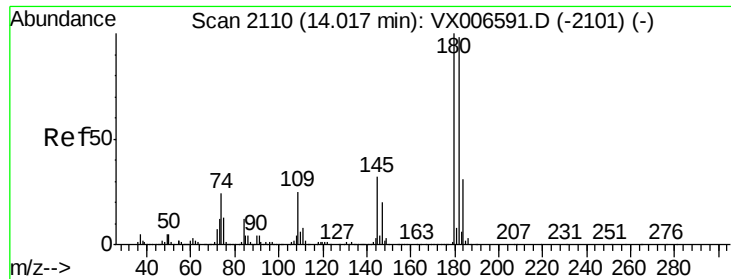
Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Tgt Ion:	128	Resp:	1272065
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 47.381 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	48.5	145.5
145	30.4	16.0	47.9

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 10:01:29 AM

