

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011847.D
 Acq On : 27 Aug 2019 14:06
 Operator : JC/SP
 Sample : VX0827WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2019 11:44:47 AM

Quant Time: Aug 28 03:41:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	360855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	509701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	460676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	241602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	198967	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
35) Dibromofluoromethane	5.49	113	167262	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.71	98	601631	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.13	95	228502	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68672	20.391	ug/l	98
3) Chloromethane	1.32	50	64272	21.762	ug/l	99
4) Vinyl Chloride	1.40	62	62193	21.065	ug/l	100
5) Bromomethane	1.63	94	33658	20.694	ug/l	94
6) Chloroethane	1.71	64	37001	21.435	ug/l	99
7) Trichlorofluoromethane	1.92	101	93756	19.946	ug/l	99
8) Diethyl Ether	2.18	74	32969	20.627	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	57496	19.767	ug/l	98
10) Methyl Iodide	2.50	142	69306	19.507	ug/l	98
11) Tert butyl alcohol	3.03	59	96291	134.425	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55882	19.703	ug/l	95
13) Acrolein	2.28	56	31134	112.439	ug/l	93
14) Allyl chloride	2.72	41	114796	25.896	ug/l	98
15) Acrylonitrile	3.14	53	190504	116.273	ug/l	100
16) Acetone	2.43	43	167215	106.041	ug/l	98
17) Carbon Disulfide	2.56	76	160262	22.348	ug/l	99
18) Methyl Acetate	2.76	43	109891	25.682	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	205020	22.535	ug/l	95
20) Methylene Chloride	2.85	84	63793	19.788	ug/l	92
21) trans-1,2-Dichloroethene	3.15	96	61178	19.998	ug/l	93
22) Diisopropyl ether	3.85	45	210971	24.542	ug/l	96
23) Vinyl Acetate	3.81	43	902961	126.867	ug/l	96
24) 1,1-Dichloroethane	3.69	63	111908	22.049	ug/l	99
25) 2-Butanone	4.66	43	275434	121.689	ug/l	96
26) 2,2-Dichloropropane	4.57	77	96964	22.497	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	70184	20.005	ug/l	93
28) Bromochloromethane	5.01	49	56099	24.349	ug/l	88
29) Tetrahydrofuran	5.12	42	177826	122.562	ug/l	96
30) Chloroform	5.20	83	113218	20.561	ug/l	98
31) Cyclohexane	5.57	56	103633	23.249	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	107385	22.434	ug/l	99
36) 1,1-Dichloropropene	5.79	75	82562	20.656	ug/l	99
37) Ethyl Acetate	4.82	43	106266	25.123	ug/l	97
38) Carbon Tetrachloride	5.78	117	97299	21.480	ug/l	97

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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	103383	20.873	ug/l	95
40) Benzene	6.13	78	248323	20.084	ug/l	99
41) Methacrylonitrile	5.03	41	57770	23.484	ug/l	96
42) 1,2-Dichloroethane	6.19	62	91159	20.168	ug/l	100
43) Isopropyl Acetate	6.44	43	171805	25.096	ug/l	99
44) Trichloroethene	7.21	130	73520	19.289	ug/l	98
45) 1,2-Dichloropropane	7.51	63	65377	21.036	ug/l	97
46) Dibromomethane	7.66	93	43962	19.187	ug/l	97
47) Bromodichloromethane	7.89	83	93102	22.572	ug/l	99
48) Methyl methacrylate	7.76	41	83049	24.376	ug/l	93
49) 1,4-Dioxane	7.73	88	37957	402.094	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	525963	116.596	ug/l	98
52) Toluene	8.78	92	155712	19.461	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	103569	23.919	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	110140	23.317	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	65540	19.661	ug/l	97
56) Ethyl methacrylate	9.17	69	110345	23.275	ug/l	92
57) 1,3-Dichloropropane	9.37	76	109160	20.280	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	299242	119.991	ug/l	98
59) 2-Hexanone	9.49	43	409146	118.171	ug/l	97
60) Dibromochloromethane	9.58	129	81190	22.526	ug/l	100
61) 1,2-Dibromoethane	9.66	107	71357	19.950	ug/l	99
64) Tetrachloroethene	9.34	164	70953	19.306	ug/l	98
65) Chlorobenzene	10.13	112	171570	19.076	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	71589	21.245	ug/l	99
67) Ethyl Benzene	10.25	91	301347	20.050	ug/l	100
68) m/p-Xylenes	10.35	106	230308	39.740	ug/l	98
69) o-Xylene	10.69	106	112017	19.687	ug/l	98
70) Styrene	10.71	104	192765	20.252	ug/l	98
71) Bromoform	10.85	173	68987	23.731	ug/l #	99
73) Isopropylbenzene	11.01	105	301779	20.727	ug/l	99
74) N-amyl acetate	10.89	43	149187	26.466	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	101117	20.982	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	94116m	22.200	ug/l	
77) Bromobenzene	11.25	156	85204	19.850	ug/l	96
78) n-propylbenzene	11.35	91	331870	21.317	ug/l	98
79) 2-Chlorotoluene	11.41	91	199301	20.577	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	254369	20.939	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37406	26.610	ug/l	99
82) 4-Chlorotoluene	11.51	91	230034	20.604	ug/l	98
83) tert-Butylbenzene	11.77	119	261124	21.787	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	254643	20.757	ug/l	99
85) sec-Butylbenzene	11.94	105	290821	21.212	ug/l	99
86) p-Isopropyltoluene	12.06	119	276207	20.939	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	143467	19.410	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	142005	18.989	ug/l	97
89) n-Butylbenzene	12.38	91	224961	20.601	ug/l	98
90) Hexachloroethane	12.59	117	55286	26.977	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	141965	19.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27271	24.344	ug/l	92

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0827WBSD01

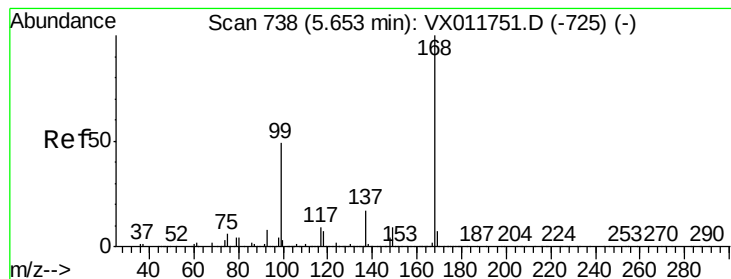
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	104661	19.085	ug/l	99
94) Hexachlorobutadiene	13.78	225	58383	19.429	ug/l	98
95) Naphthalene	13.83	128	312168	20.668	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107115	19.453	ug/l	99

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



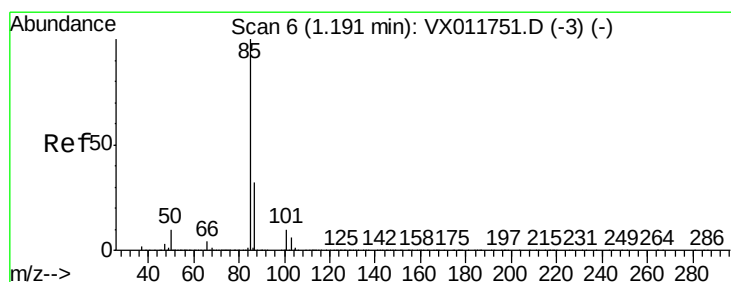
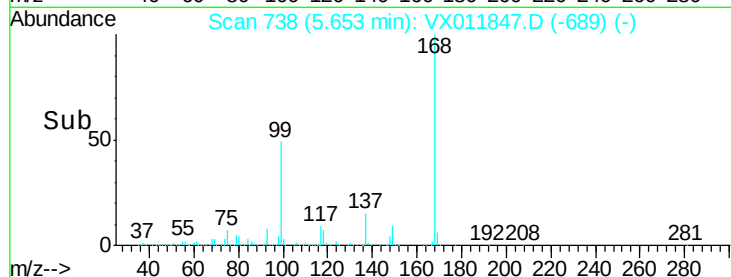
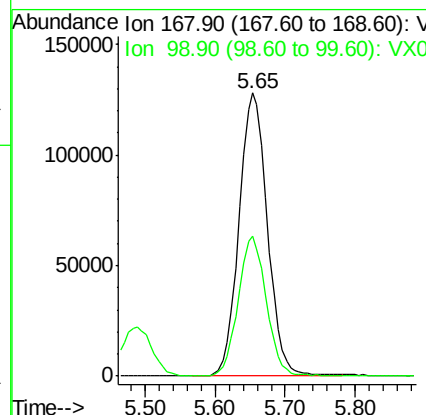
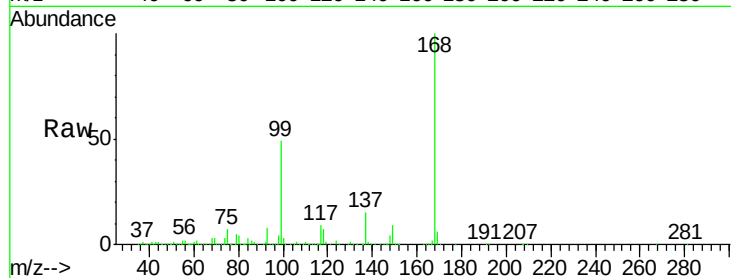
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	360855		
99	49.1	39.4	59.2	

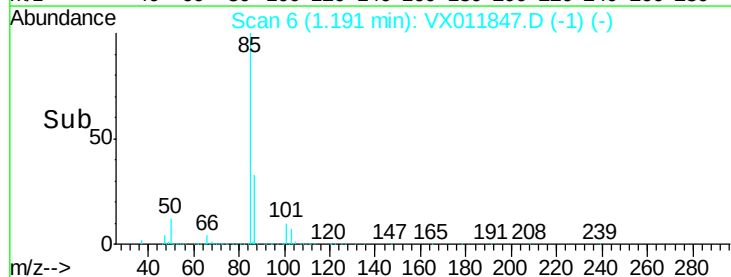
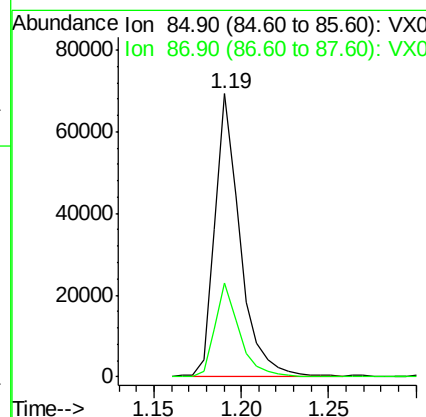
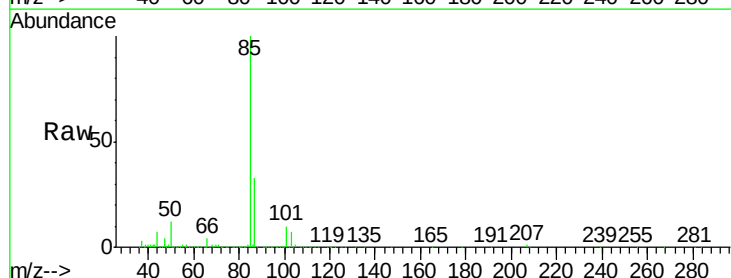
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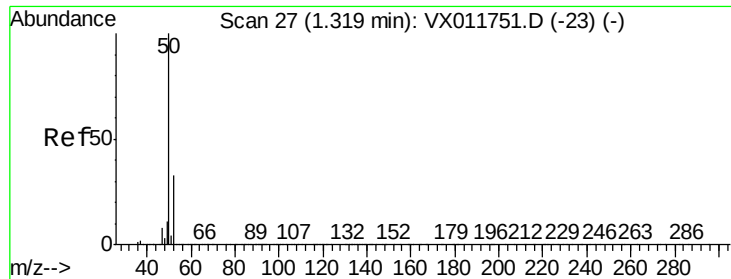
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#2
Dichlorodifluoromethane
Concen: 20.391 ug/l
RT: 1.19 min Scan# 6
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	68672		
87	33.0	16.1	48.2	





#3

Chloromethane

Concen: 21.762 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampled :

VX0827WBSD01

Tot Ion: 50 Resp: 64272

Ion Ratio Lower Upper

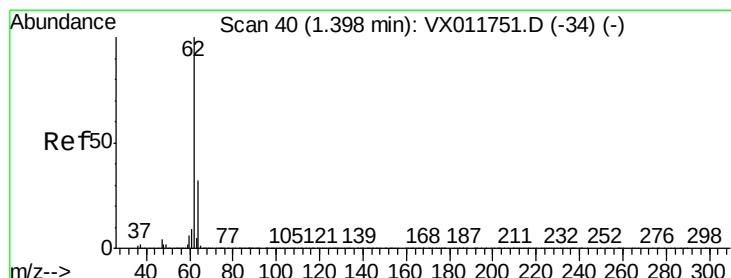
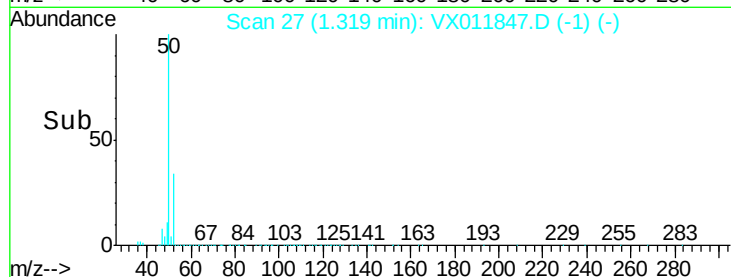
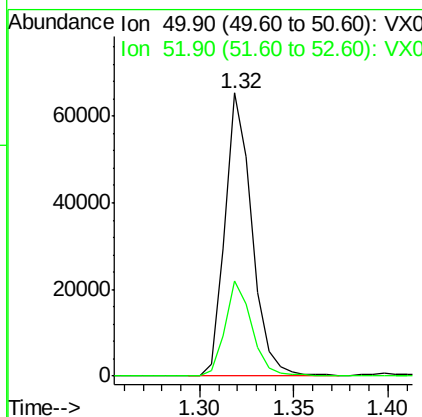
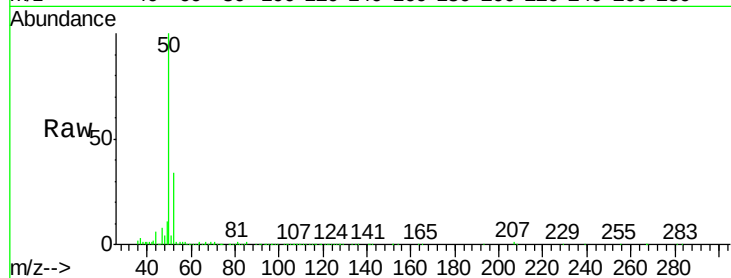
50 100

52 33.5 26.6 39.8

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#4

Vinyl Chloride

Concen: 21.065 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011847.D

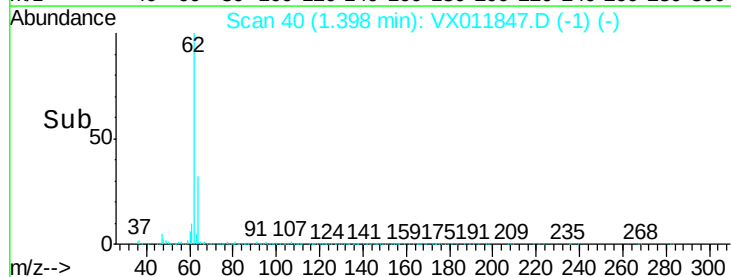
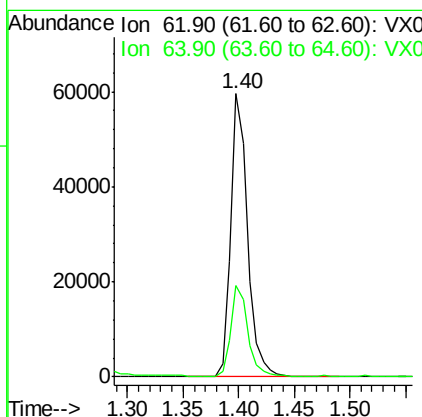
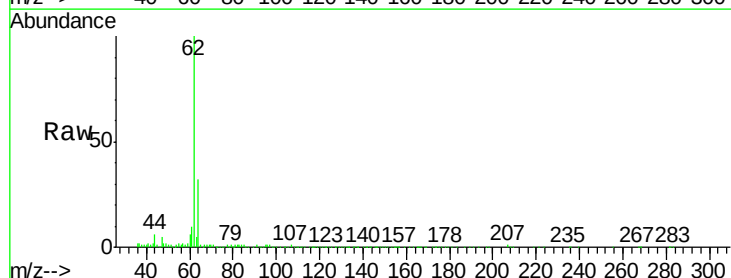
Acq: 27 Aug 2019 14:06

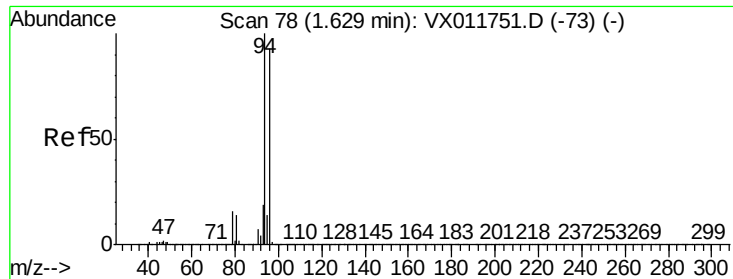
Tgt Ion: 62 Resp: 62193

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 20.694 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 94 Resp: 33658

Ion Ratio Lower Upper

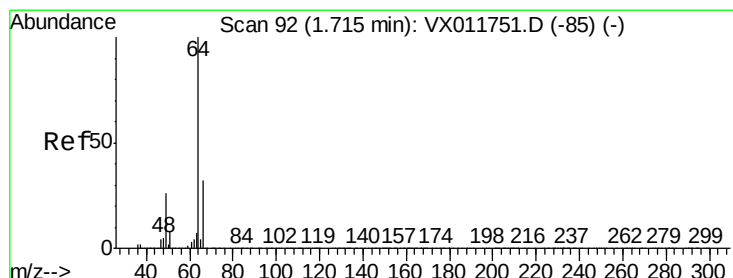
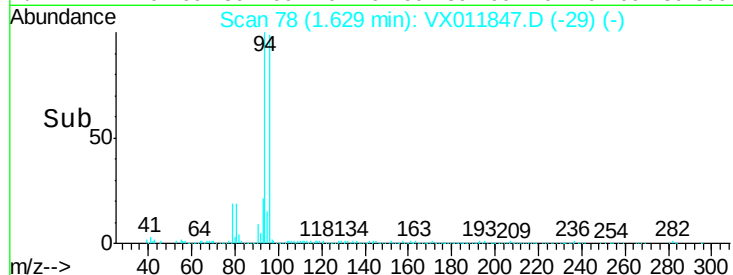
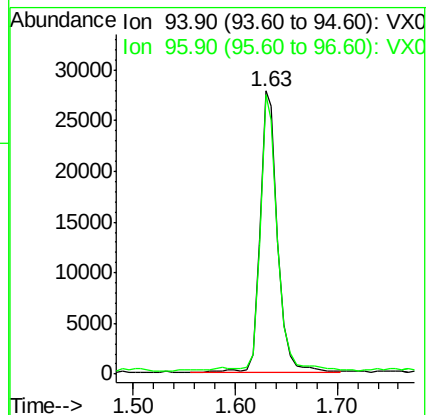
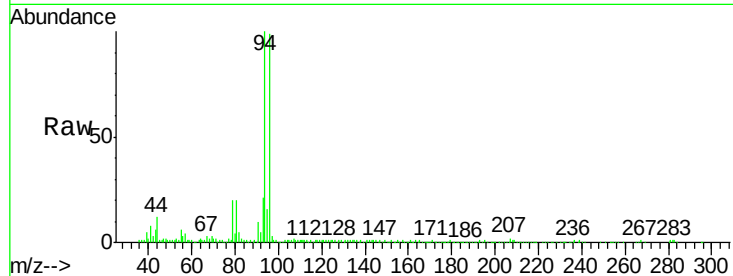
94 100

96 98.2 74.1 111.1

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#6

Chloroethane

Concen: 21.435 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011847.D

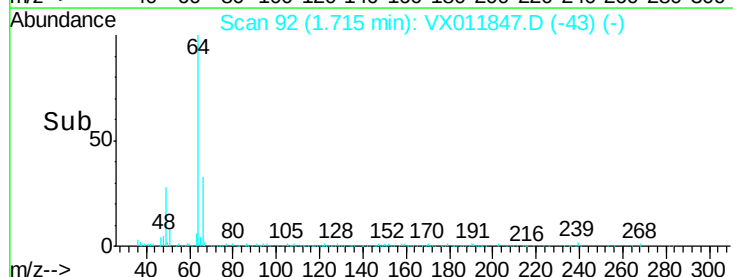
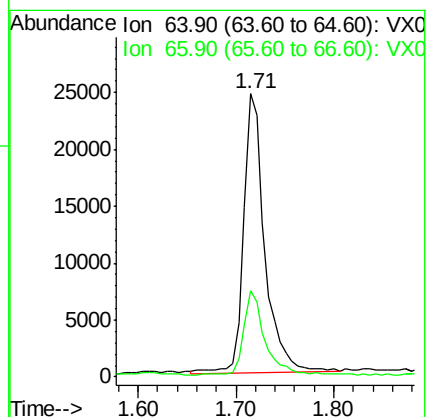
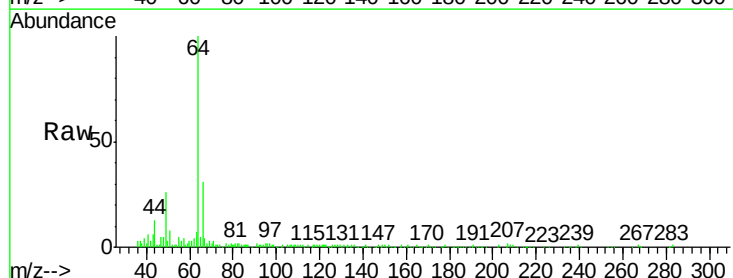
Acq: 27 Aug 2019 14:06

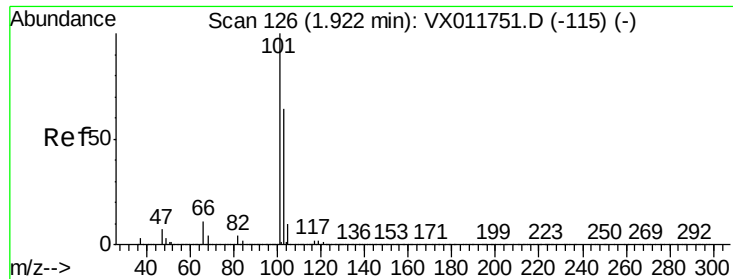
Tgt Ion: 64 Resp: 37001

Ion Ratio Lower Upper

64 100

66 30.5 24.9 37.3





#7

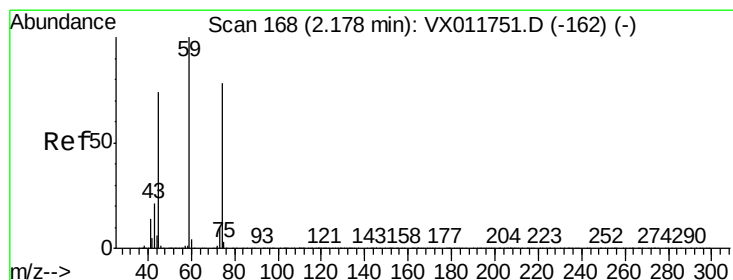
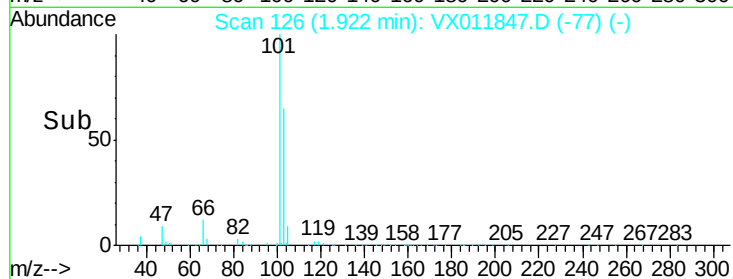
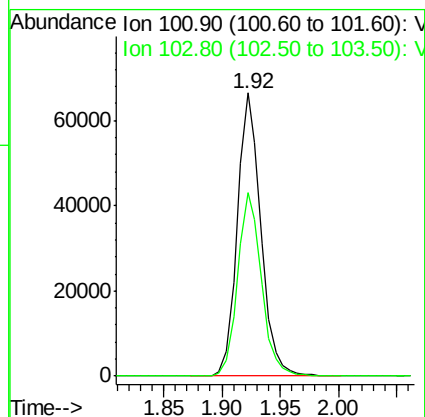
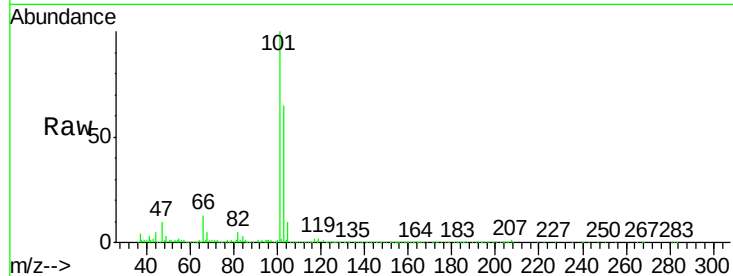
Trichlorofluoromethane
Concen: 19.946 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.2	76.8

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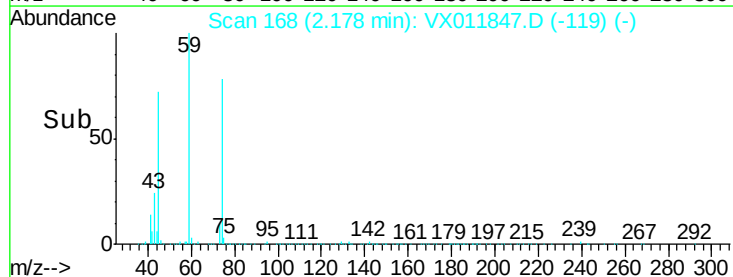
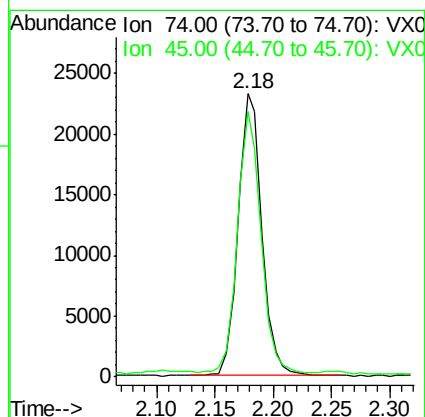
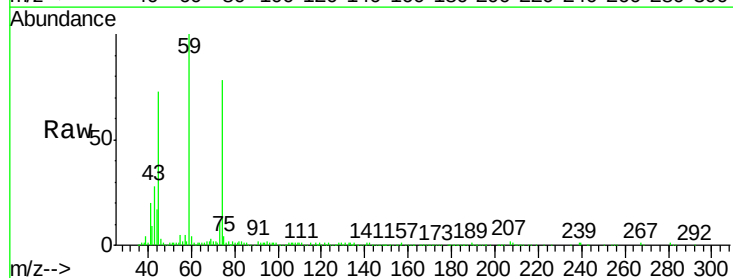
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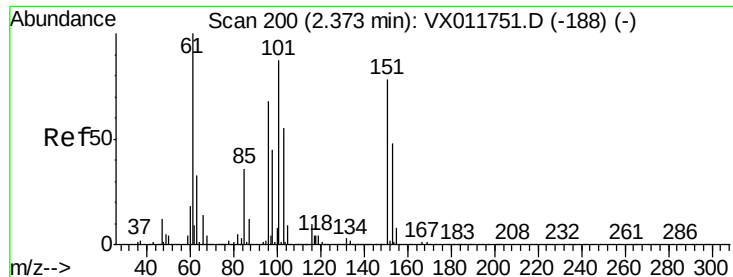


#8

Diethyl Ether
Concen: 20.627 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.4	46.7	140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.767 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

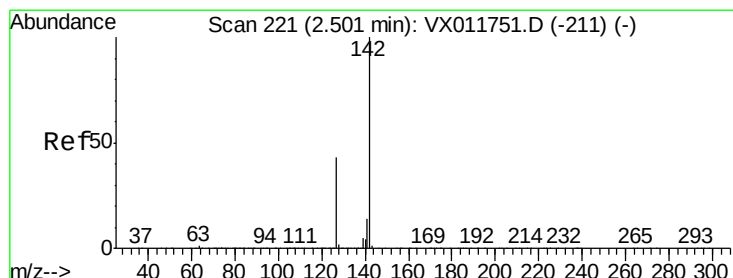
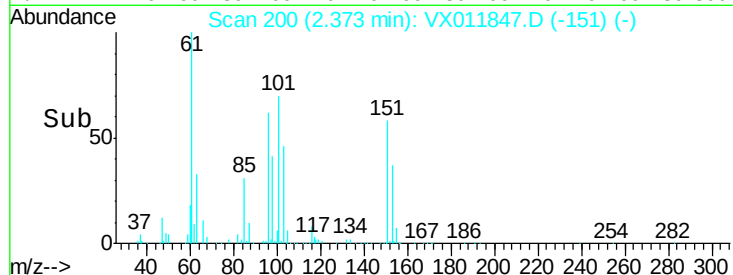
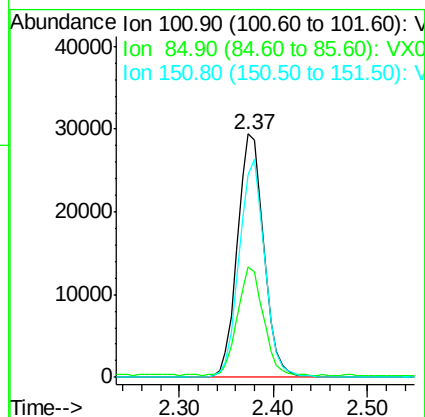
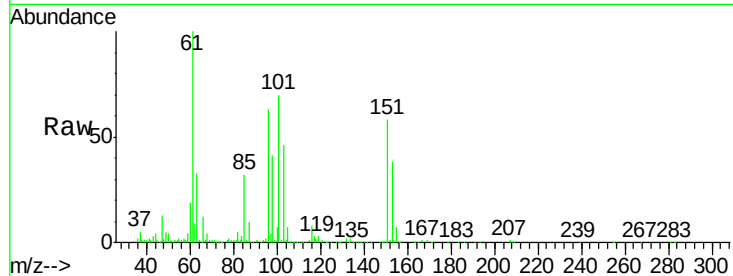
ClientSampleId :

VX0827WBSD01

Tot Ion:	101	Resp:	57496
Ion Ratio	Lower	Upper	
101	100		
85	43.6	33.7	50.5
151	87.2	71.4	107.2

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#10

Methyl Iodide

Concen: 19.507 ug/l

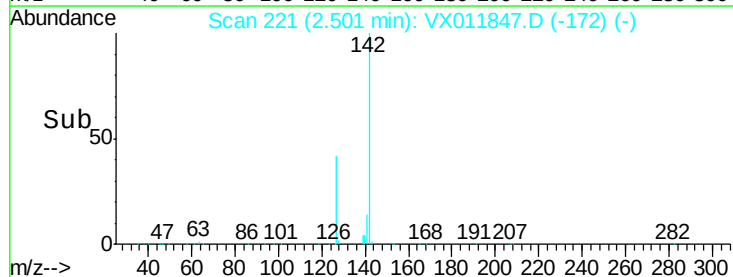
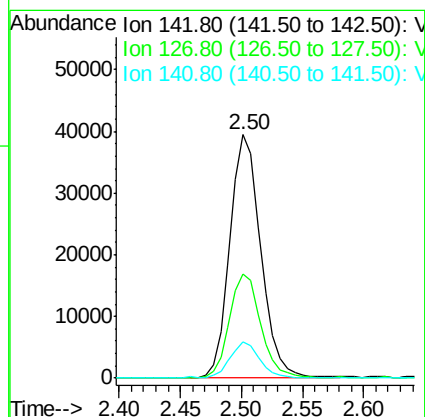
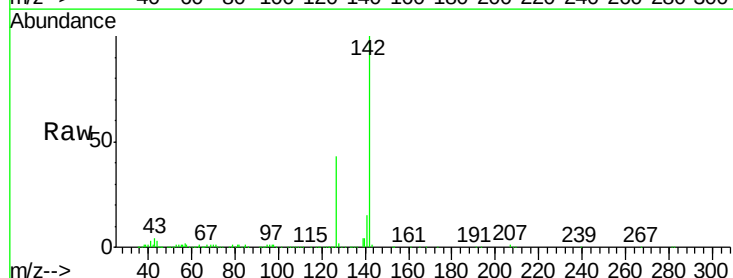
RT: 2.50 min Scan# 221

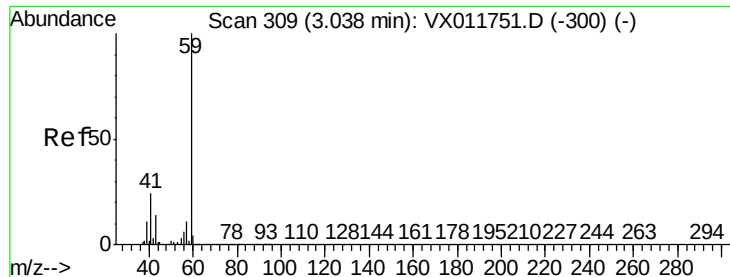
Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	142	Resp:	69306
Ion Ratio	Lower	Upper	
142	100		
127	43.4	33.5	50.3
141	14.6	11.4	17.2





#11

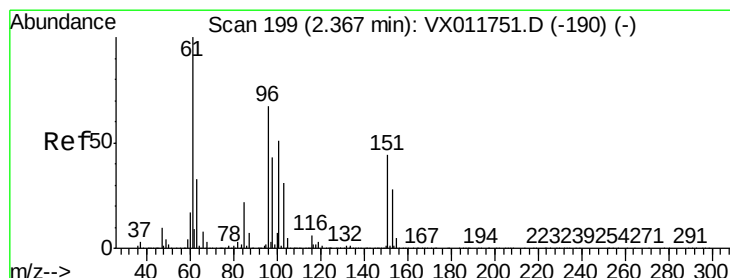
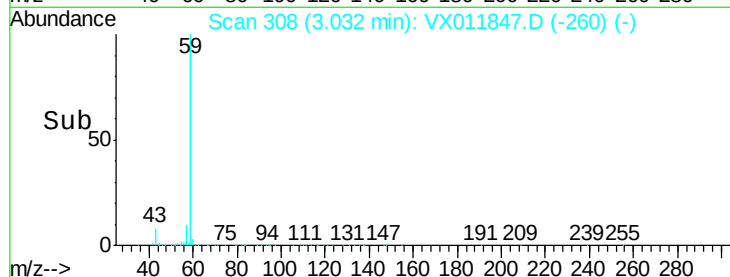
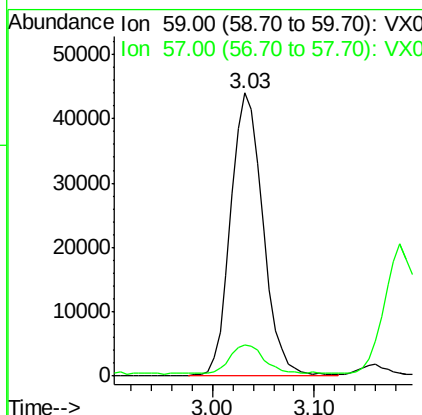
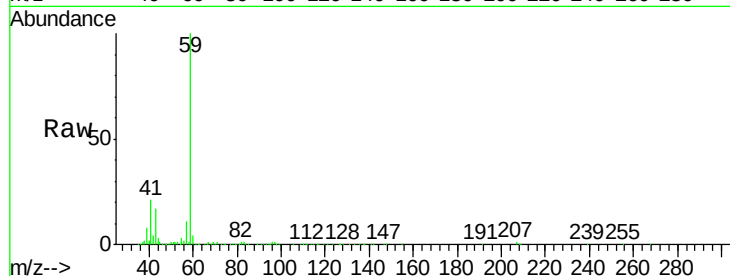
Tert butyl alcohol
Concen: 134.425 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.4	12.6

Manual Integrations
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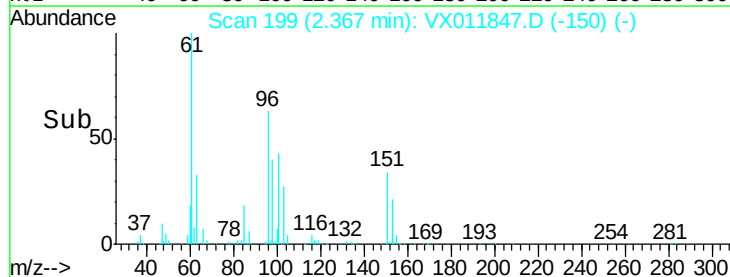
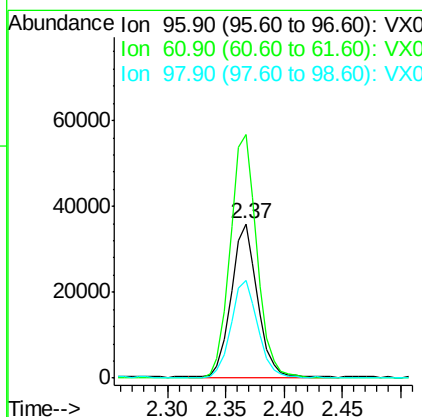
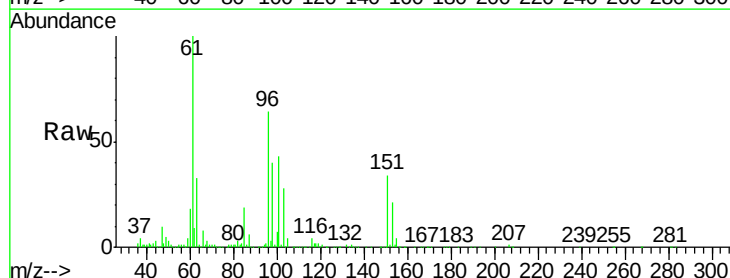
MMDadoda
8/28/2019 11:44:47 AM

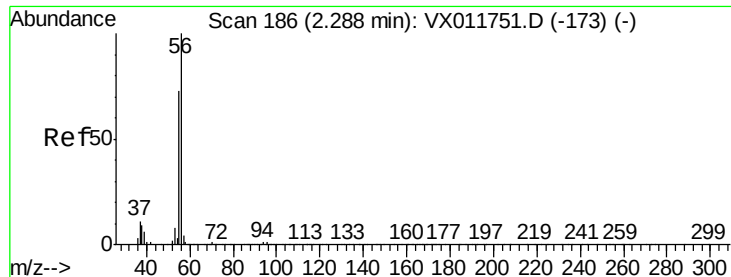


#12

1,1-Dichloroethene
Concen: 19.703 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.2	119.4	179.2
98	63.2	51.2	76.8





#13

Acrolein

Concen: 112.439 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 56 Resp: 31134

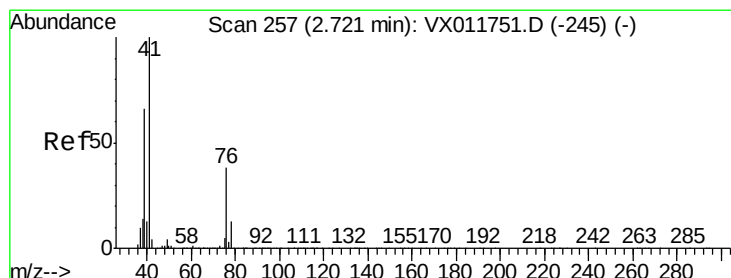
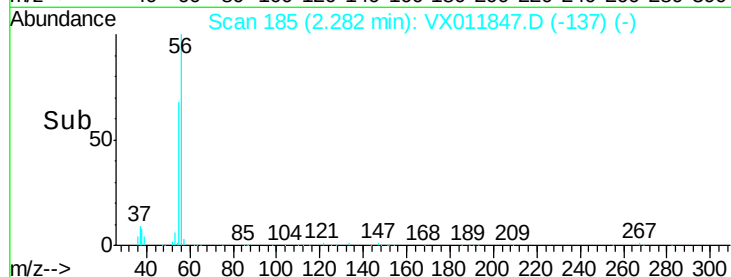
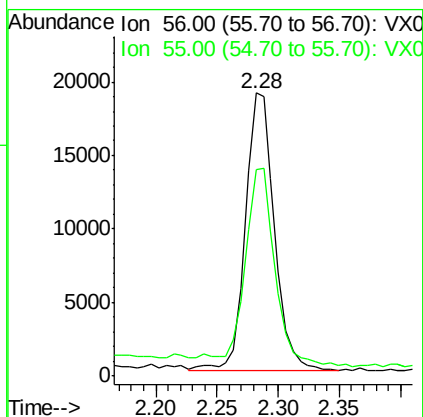
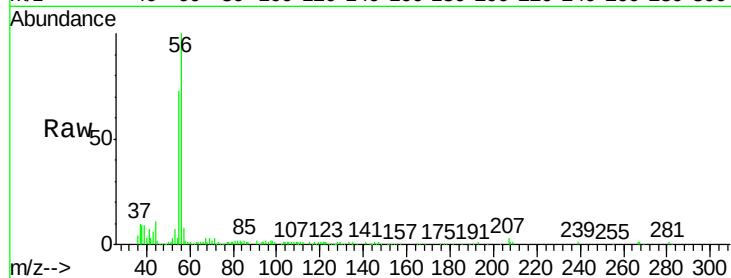
Ion Ratio Lower Upper

56 100

55 74.5 54.8 82.2

Manual Integrations
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#14

Allyl chloride

Concen: 25.896 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

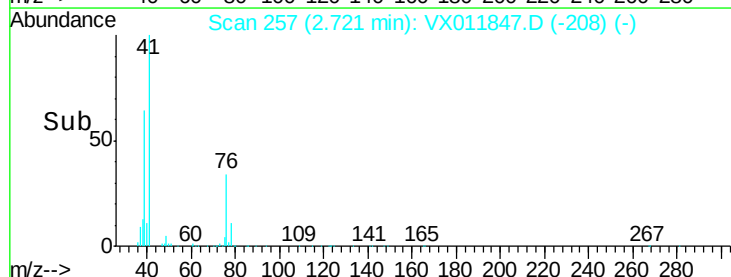
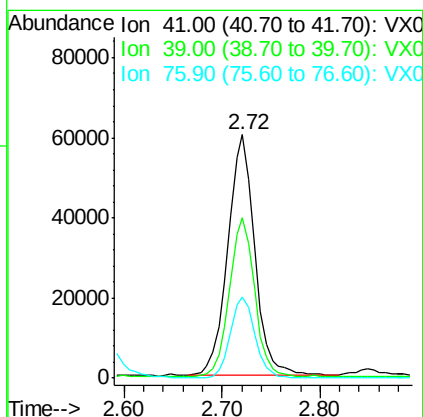
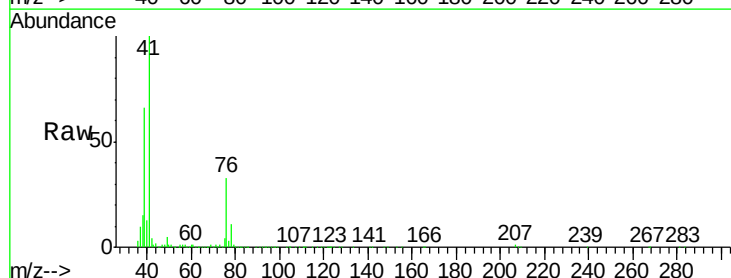
Tgt Ion: 41 Resp: 114796

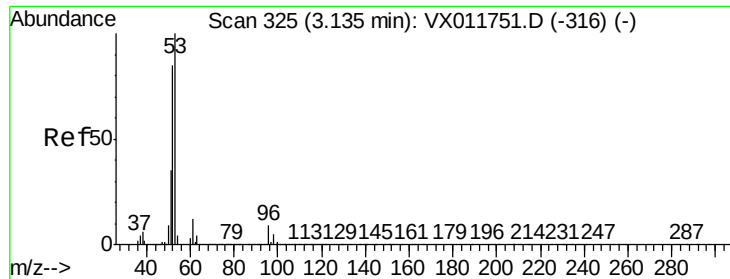
Ion Ratio Lower Upper

41 100

39 61.8 49.3 73.9

76 30.7 26.8 40.2





#15

Acrylonitrile

Concen: 116.273 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

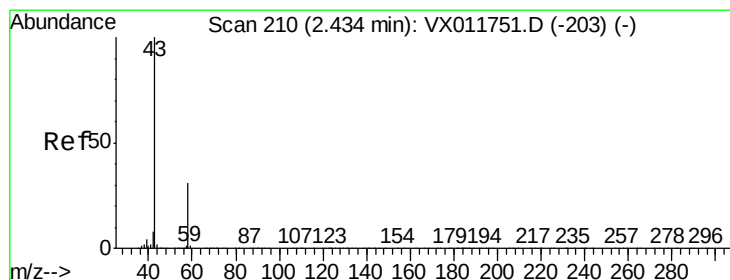
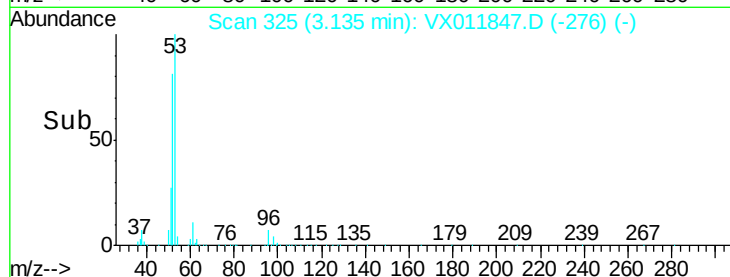
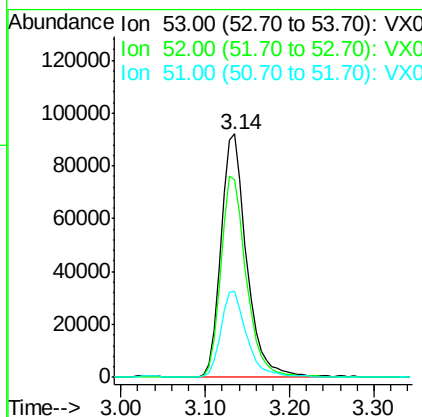
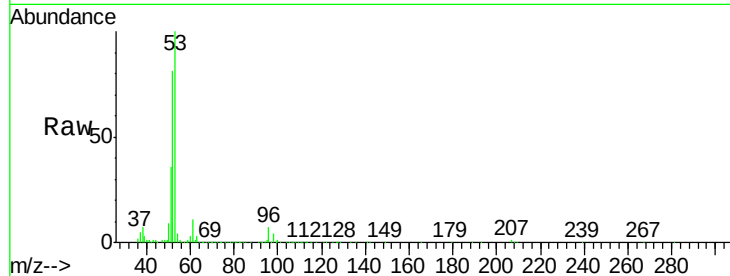
ClientSampleId :

VX0827WBSD01

Tot Ion:	53	Resp:	190504
Ion Ratio		Lower	Upper
53	100		
52	82.5	65.7	98.5
51	35.6	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 106.041 ug/l

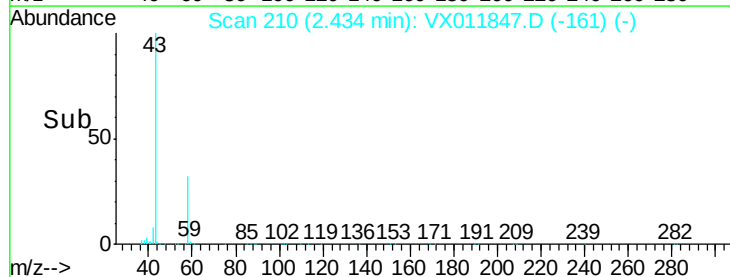
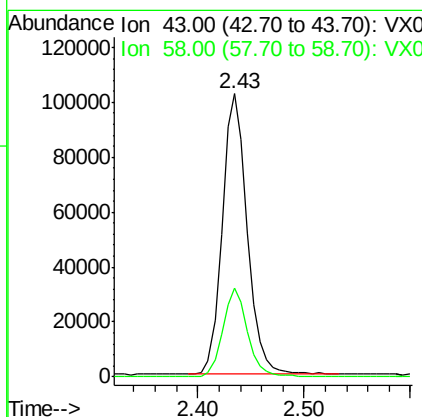
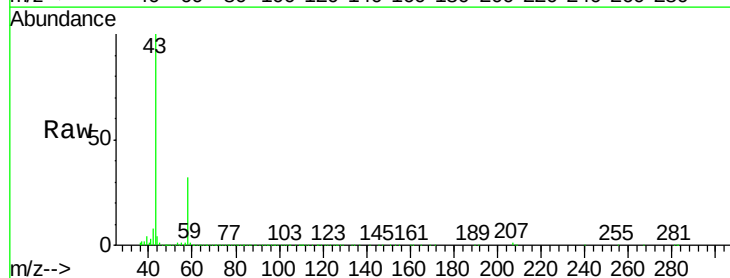
RT: 2.43 min Scan# 210

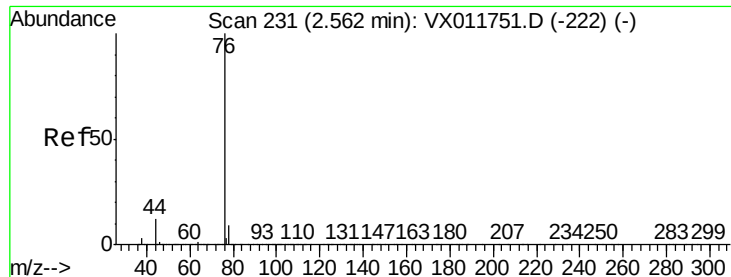
Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	43	Resp:	167215
Ion Ratio		Lower	Upper
43	100		
58	31.6	24.4	36.6





#17

Carbon Disulfide

Concen: 22.348 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tot Ion: 76 Resp: 160262

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

Instrument :

MSVOA_X

ClientSampleId :

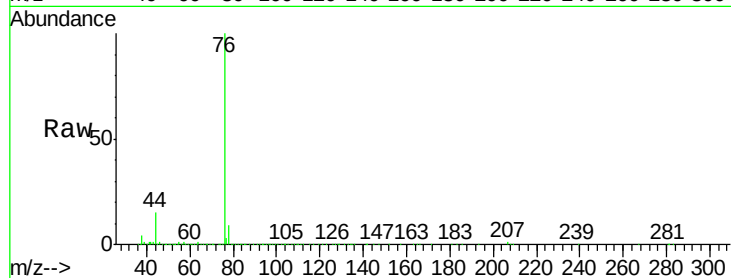
VX0827WBSD01

Manual Integrations

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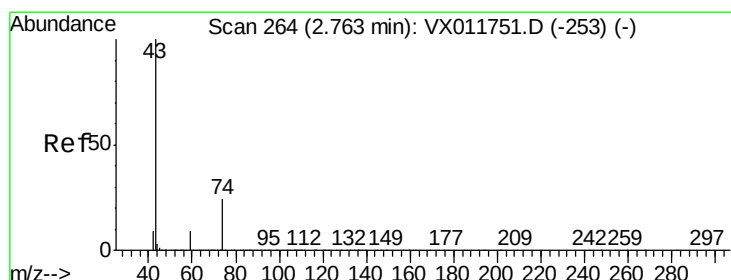
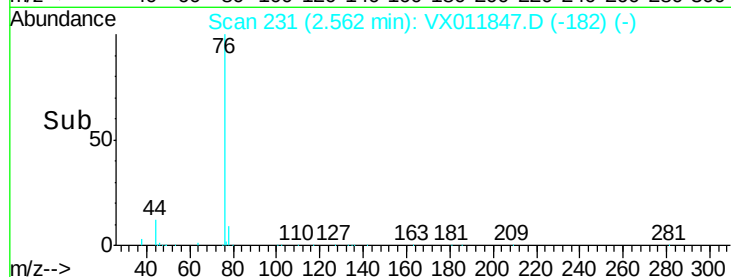
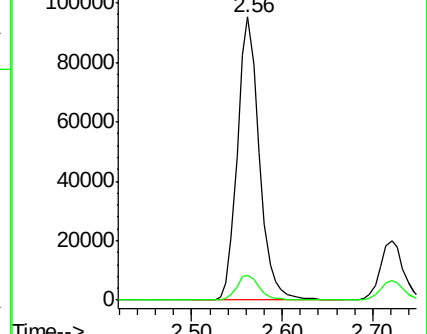
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.682 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011847.D

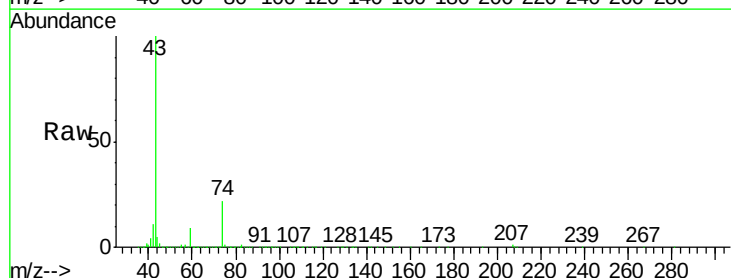
Acq: 27 Aug 2019 14:06

Tgt Ion: 43 Resp: 109891

Ion Ratio Lower Upper

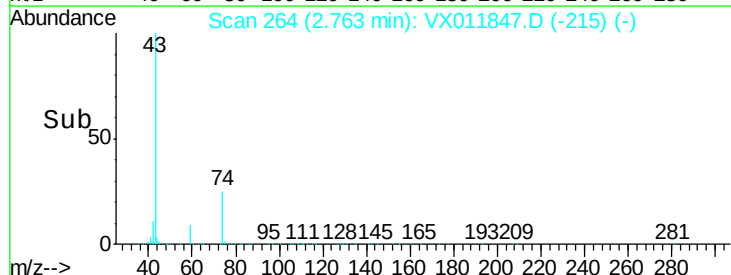
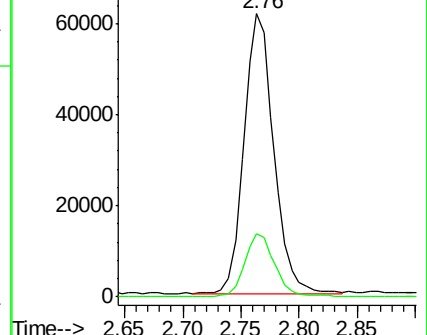
43 100

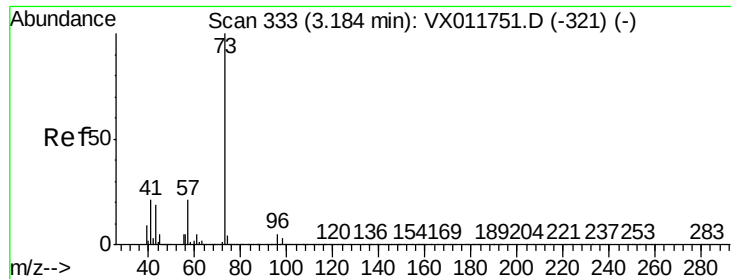
74 22.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





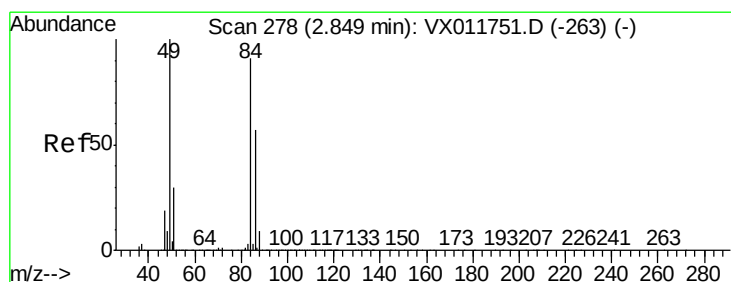
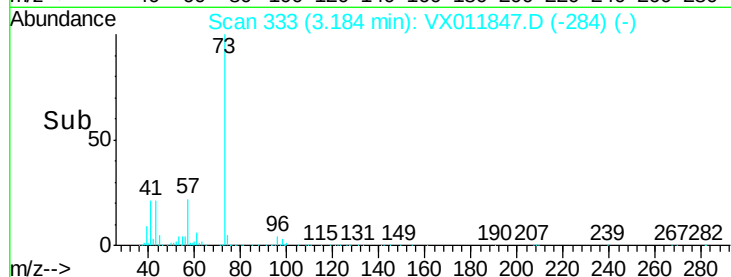
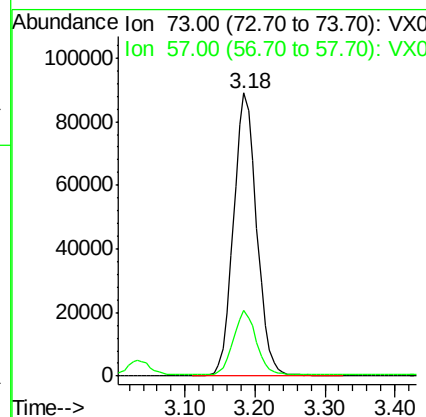
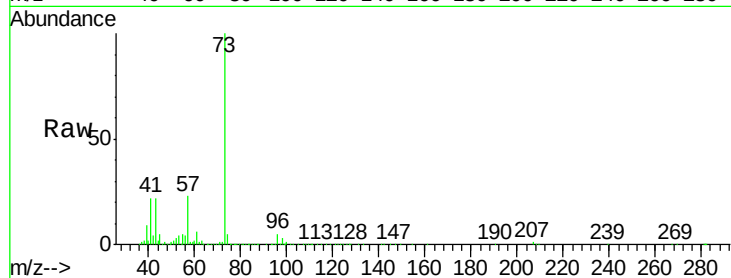
#19
Methyl tert-butyl Ether
Concen: 22.535 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	16.4	24.6

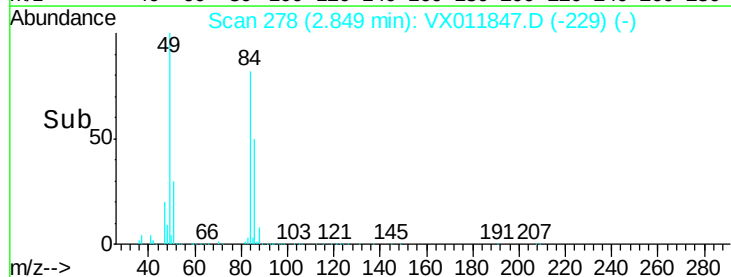
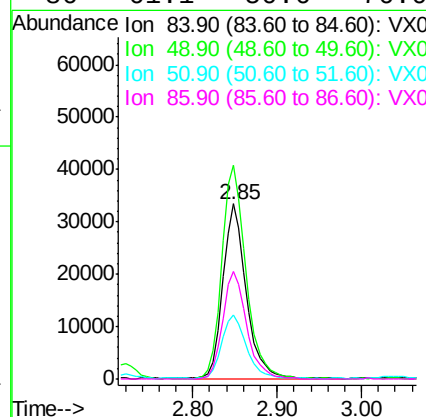
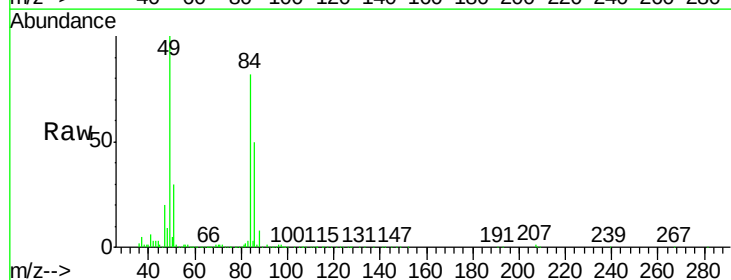
Manual Integrations
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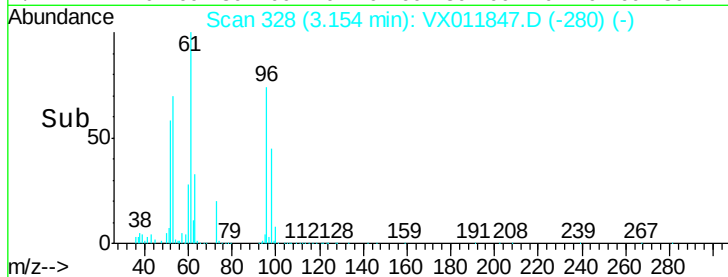
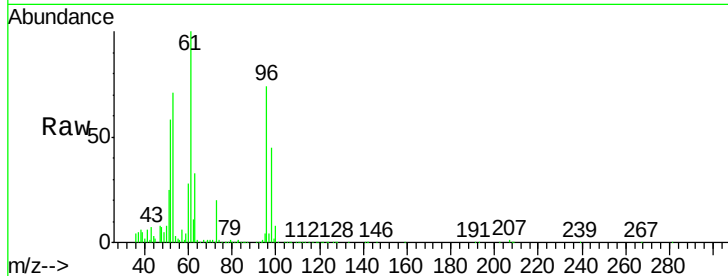
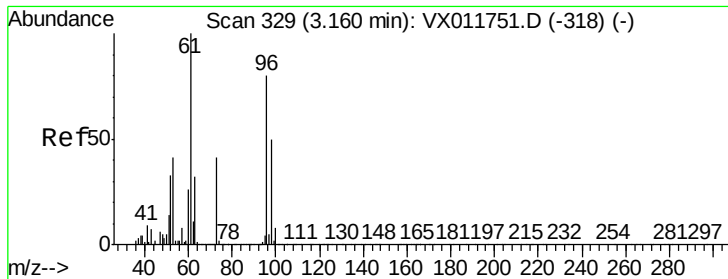
MMDadoda
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#20
Methylene Chloride
Concen: 19.788 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.2	88.3	132.5
51	36.4	26.2	39.2
86	61.1	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 19.998 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011847.D

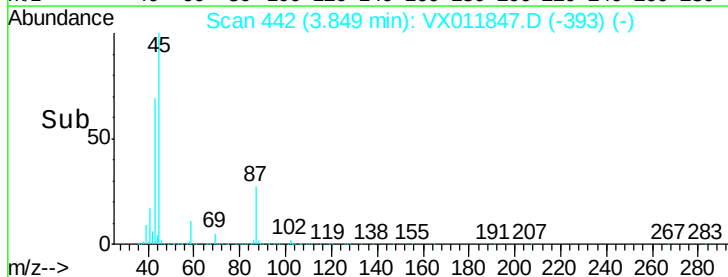
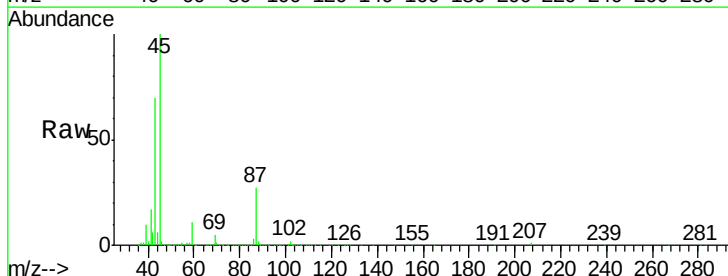
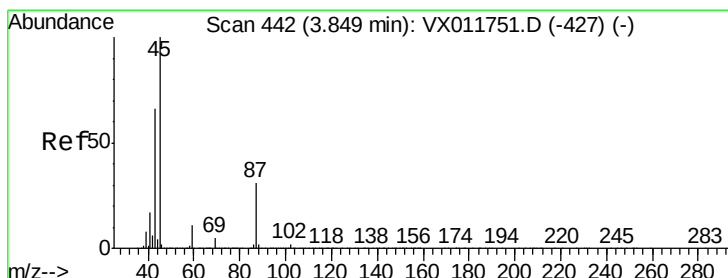
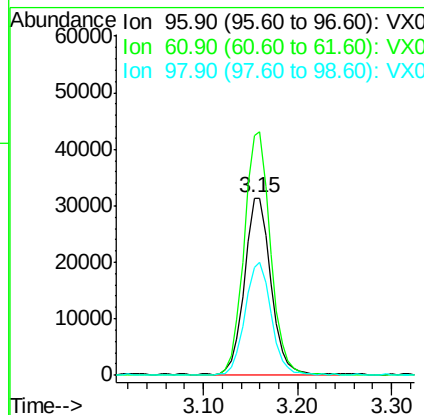
Acq: 27 Aug 2019 14:06

Tot Ion:	96	Resp:	61178
Ion	Ratio	Lower	Upper
96	100		
61	135.5	99.8	149.8
98	60.9	50.3	75.5

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Manual Integrations
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#22

Diisopropyl ether

Concen: 24.542 ug/l

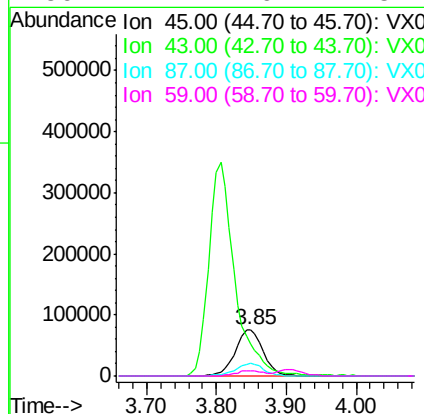
RT: 3.85 min Scan# 442

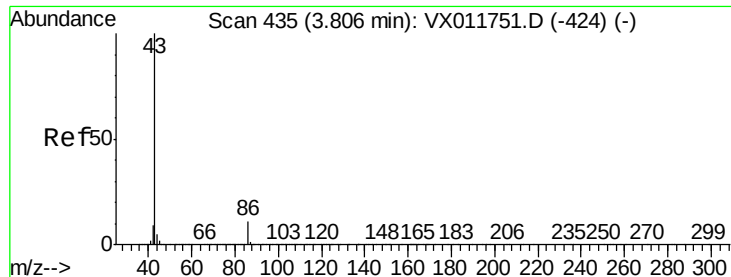
Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	45	Resp:	210971
Ion	Ratio	Lower	Upper
45	100		
43	68.4	53.0	79.6
87	26.5	24.7	37.1
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 126.867 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 43 Resp: 902961

Ion Ratio Lower Upper

43 100

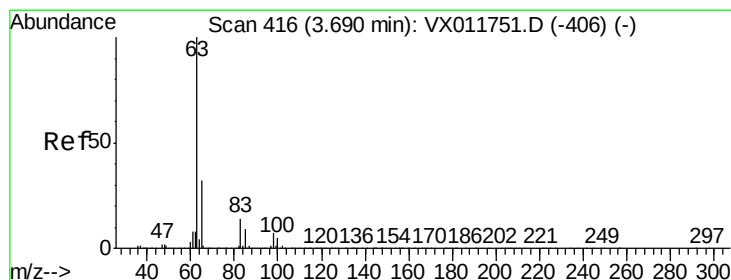
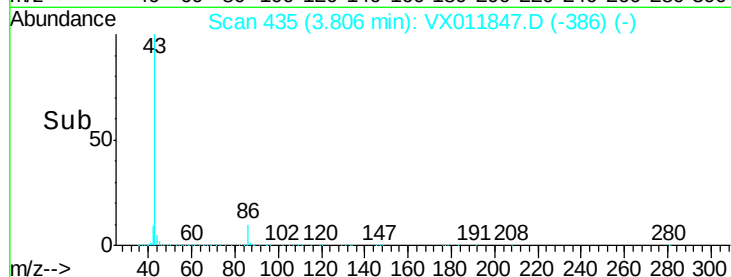
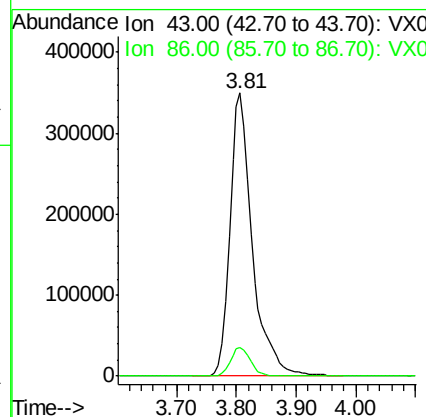
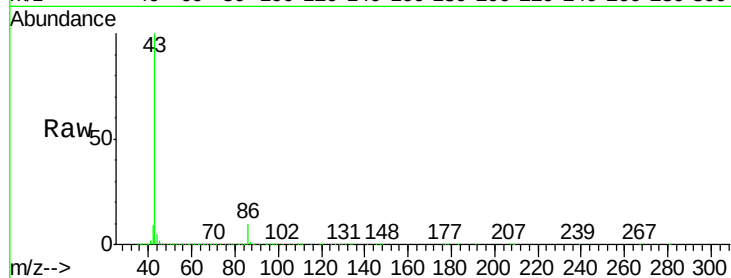
86 10.1 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.049 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

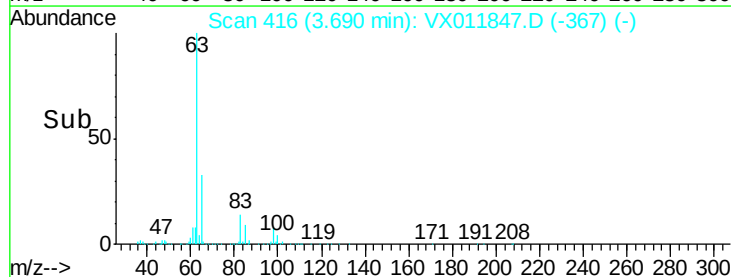
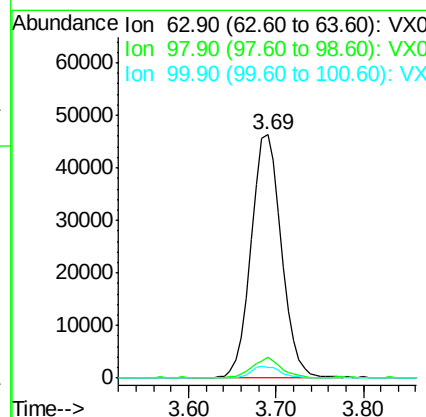
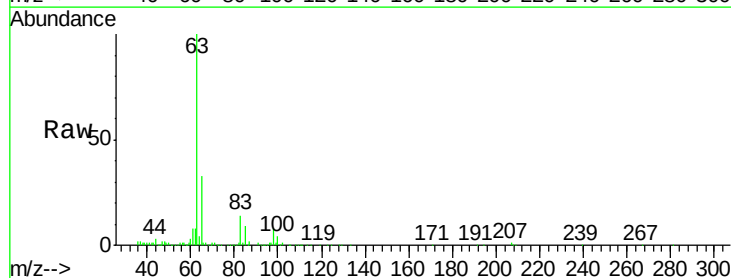
Tgt Ion: 63 Resp: 111908

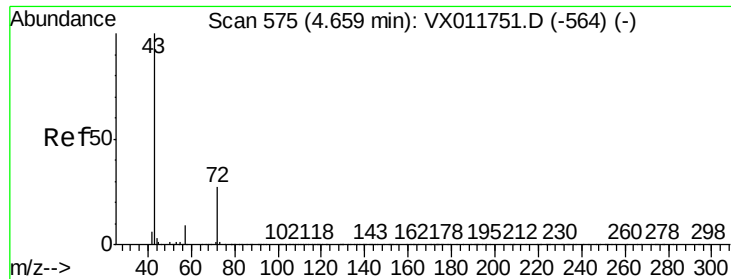
Ion Ratio Lower Upper

63 100

98 8.0 3.7 11.1

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 121.689 ug/l

RT: 4.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tot Ion	43	Resp	275434
Ion Ratio	100	Lower	Upper
43	100		
72	25.1	21.8	32.6

Instrument :

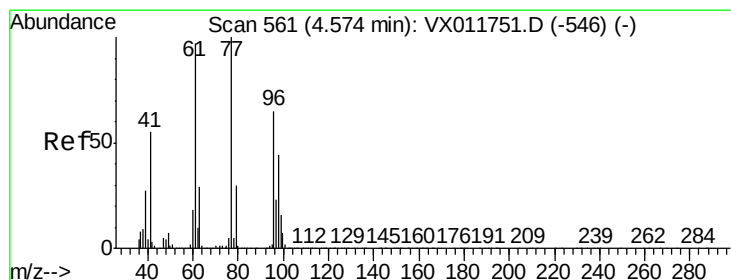
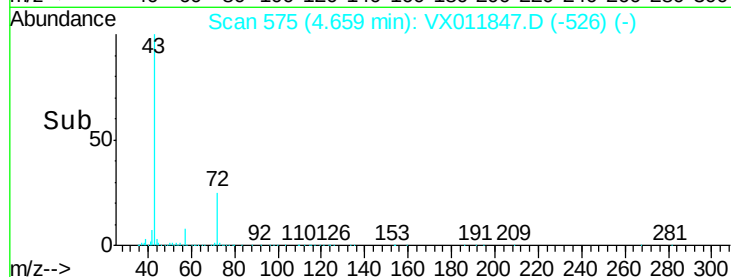
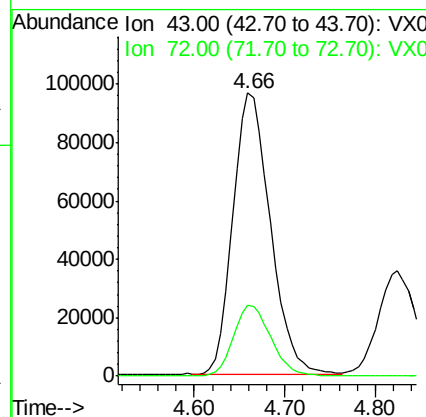
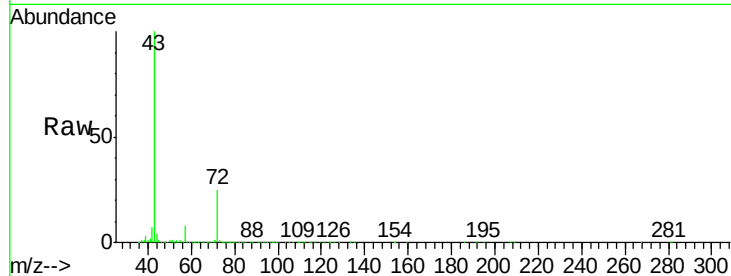
MSVOA_X

ClientSampleId :

VX0827WBSD01

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 22.497 ug/l

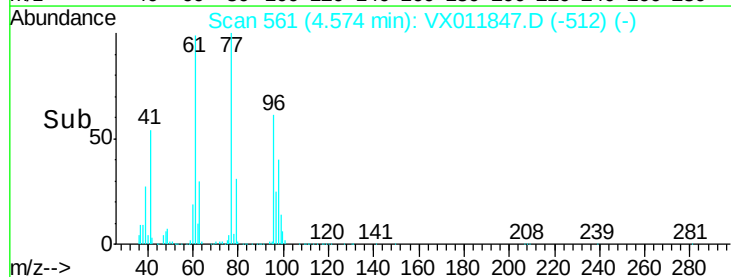
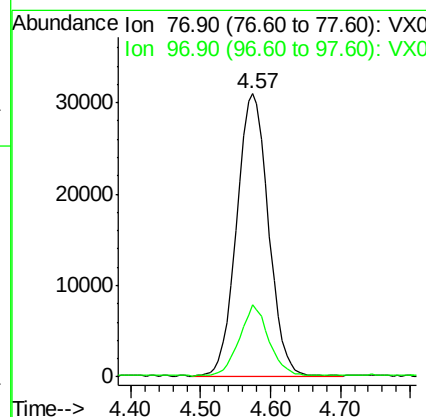
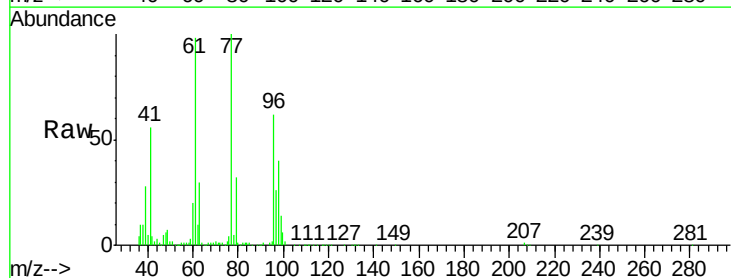
RT: 4.57 min Scan# 561

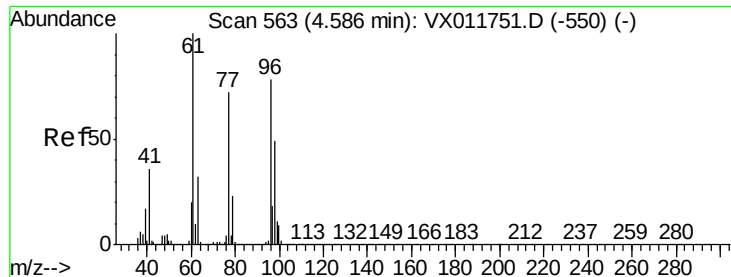
Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion	77	Resp	96964
Ion Ratio	100	Lower	Upper
77	100		
97	23.7	12.2	36.6





#27

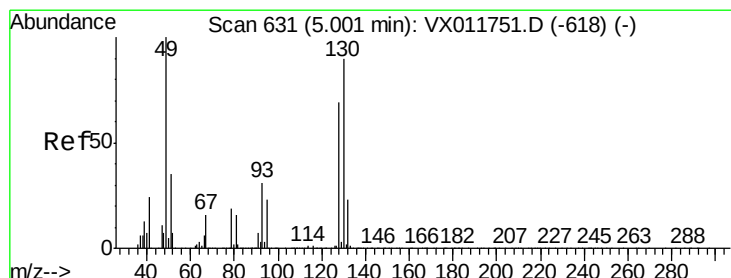
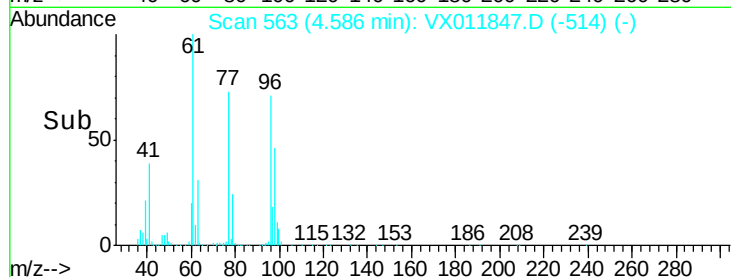
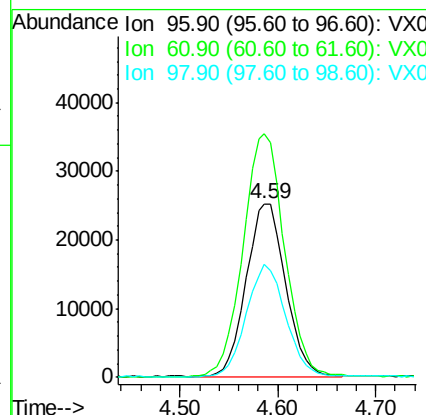
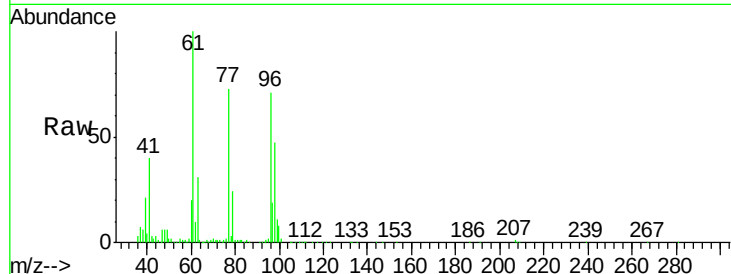
cis-1,2-Dichloroethene
Concen: 20.005 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	275.8
98	65.0	0.0	128.2

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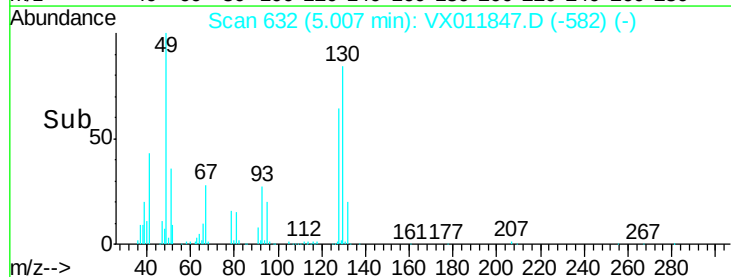
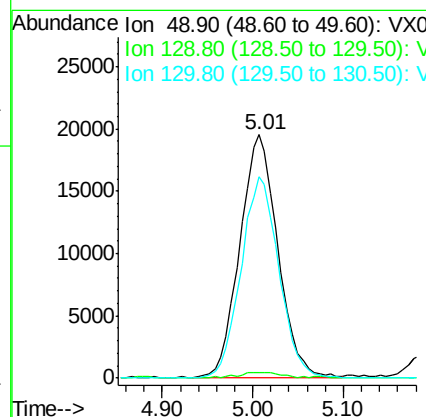
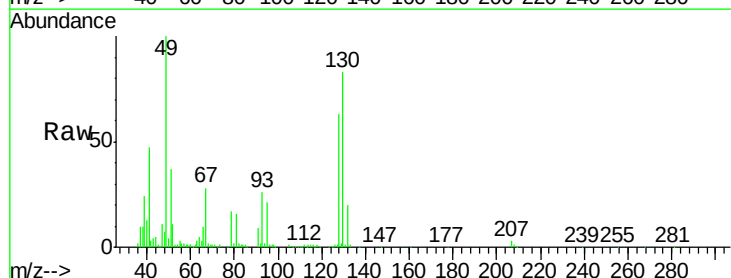
MMDadoda
8/28/2019 11:44:47 AM

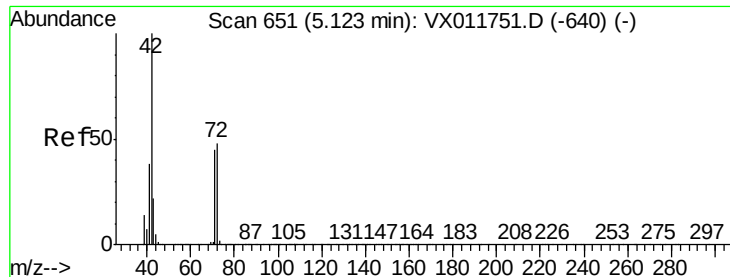


#28

Bromochloromethane
Concen: 24.349 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.8
130	83.7	76.8	115.2





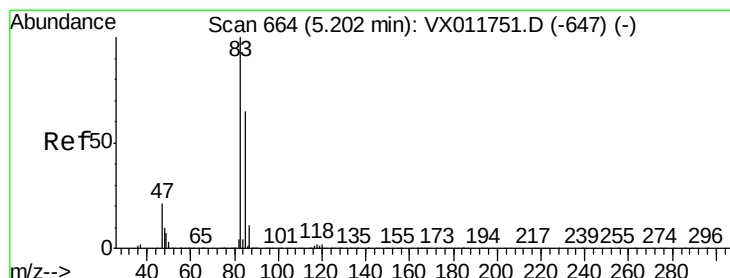
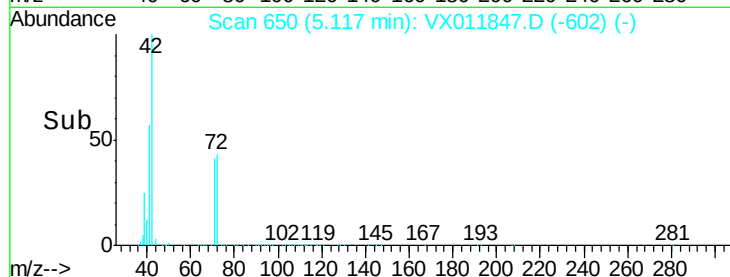
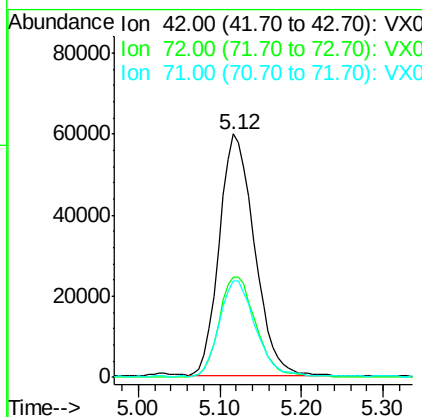
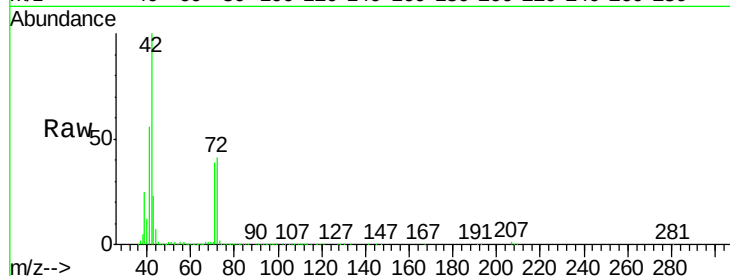
#29
Tetrahydrofuran
Concen: 122.562 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	37.6	56.4
71	40.9	34.6	51.8

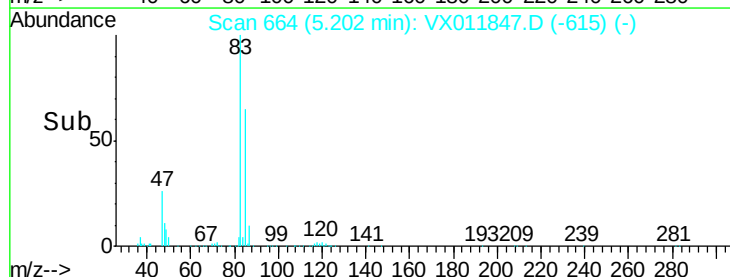
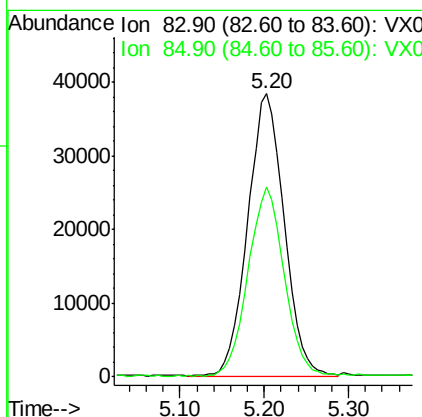
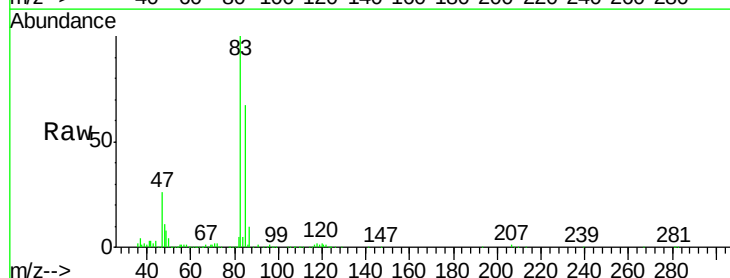
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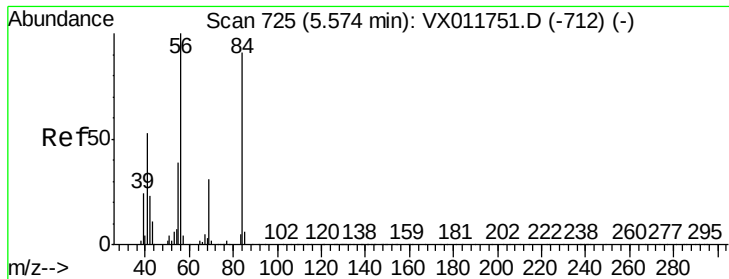
MMDadoda
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#30
Chloroform
Concen: 20.561 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.8	77.8





#31

Cyclohexane

Concen: 23.249 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

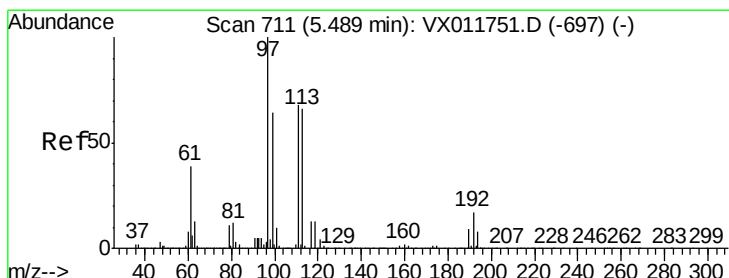
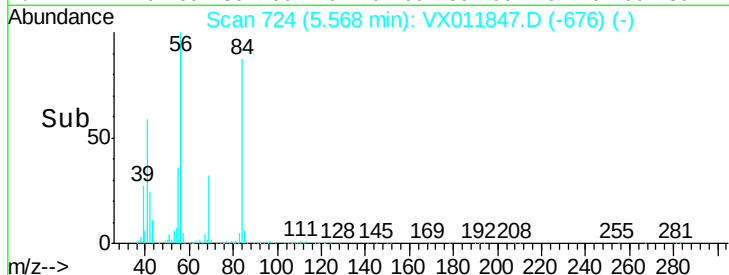
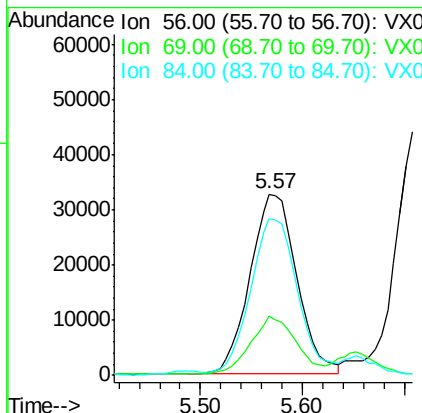
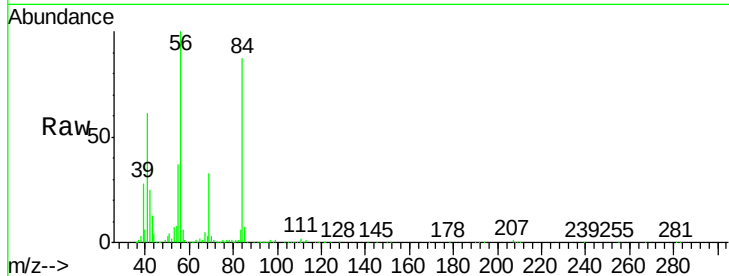
ClientSampleId :

VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.5	36.7
84	84.9	72.7	109.1

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#32

1,1,1-Trichloroethane

Concen: 22.434 ug/l

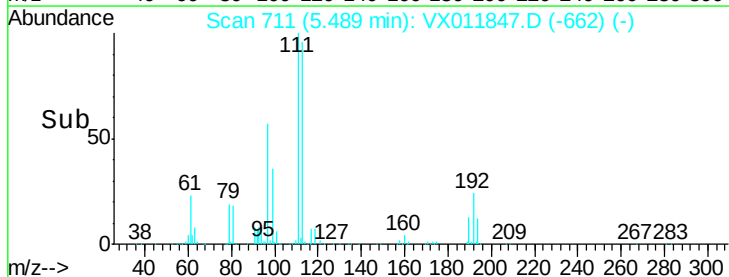
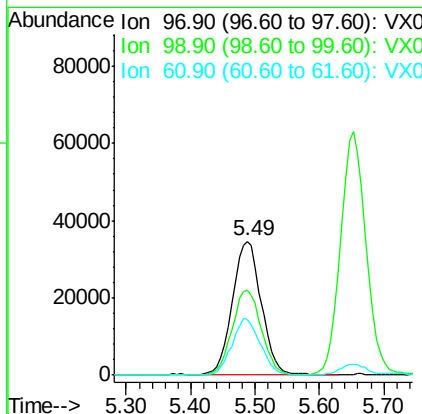
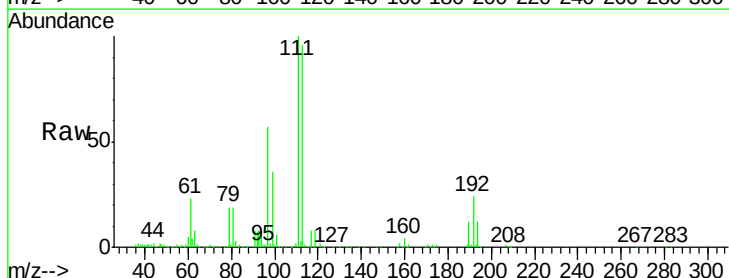
RT: 5.49 min Scan# 711

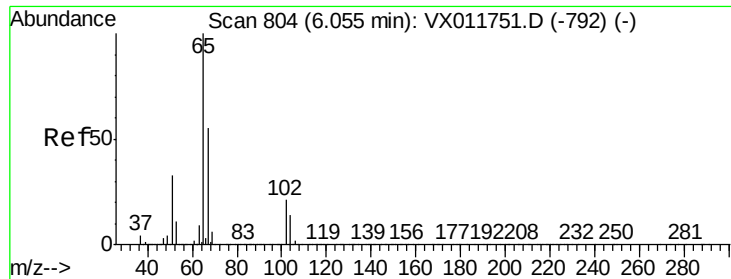
Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	41.3	31.6	47.4





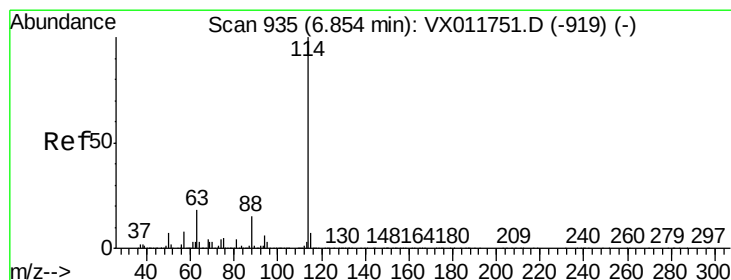
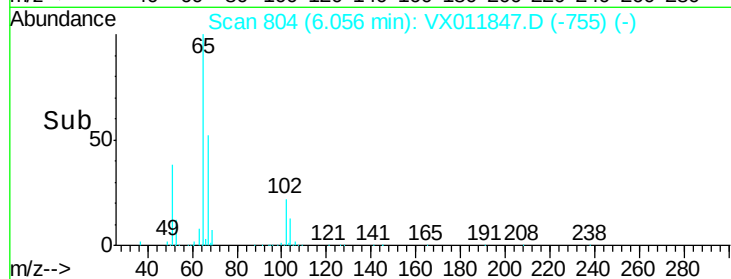
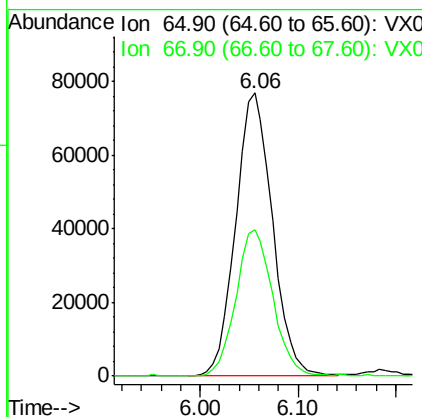
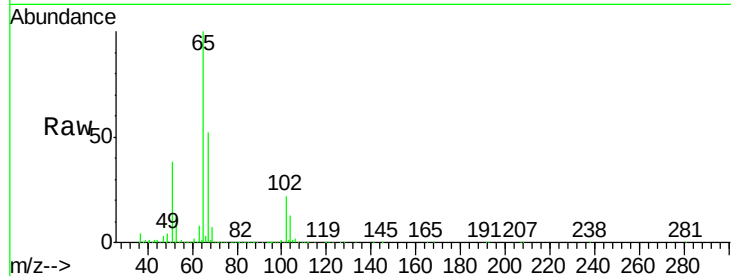
#33
 1,2-Dichloroethane-d4
 Concen: 54.887 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	198967		
67	51.8	0.0	107.8	

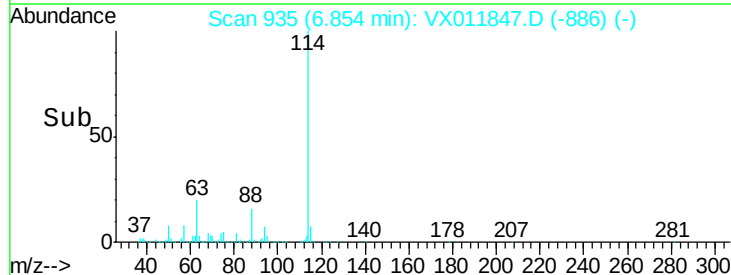
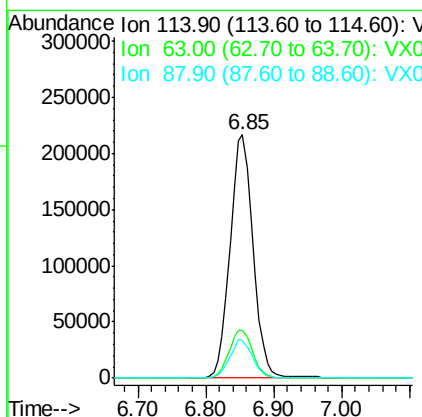
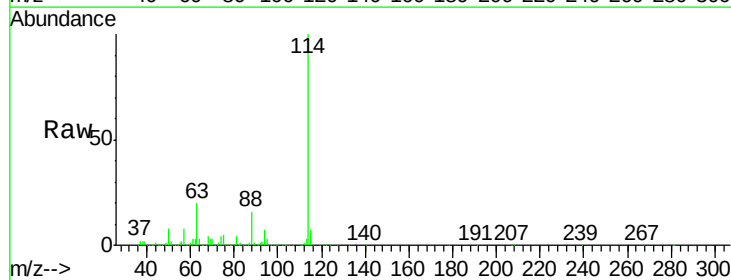
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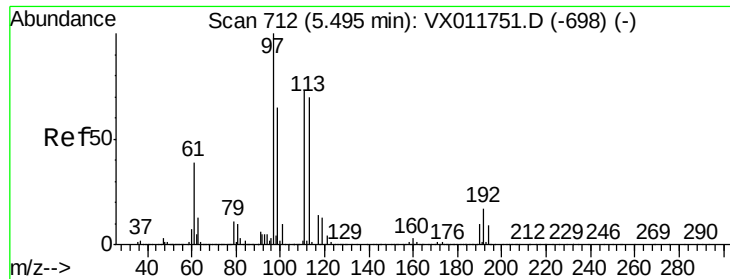
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	509701		
63	19.8	0.0	36.8	
88	15.5	0.0	30.2	





#35

Dibromofluoromethane

Concen: 50.748 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

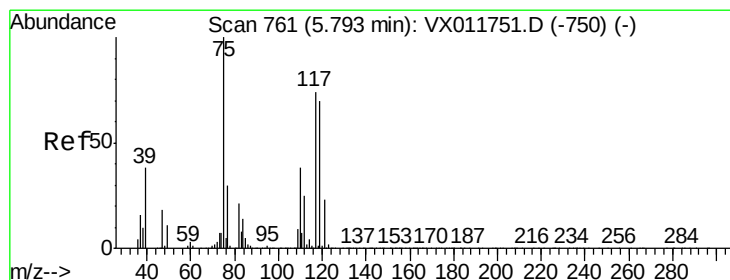
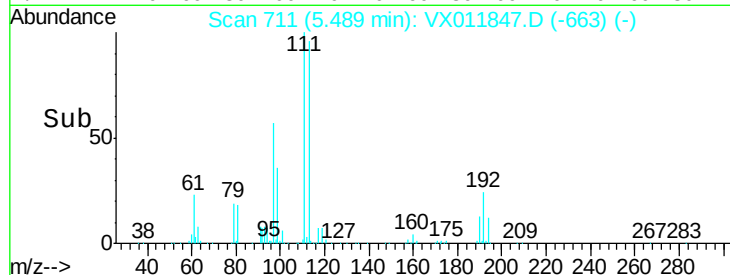
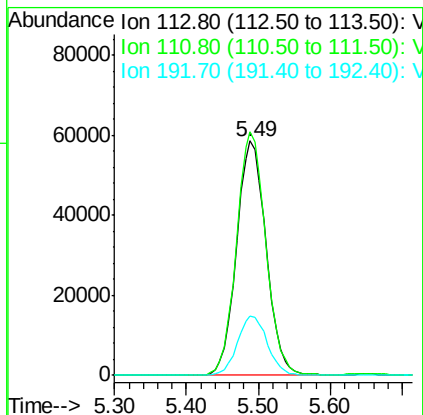
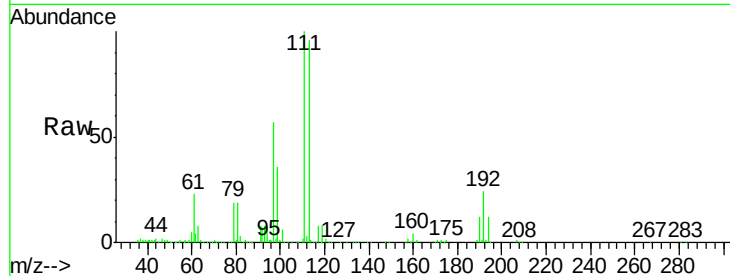
ClientSampleId :

VX0827WBSD01

Tot Ion:	113	Resp:	167262
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.0	121.4
192	25.5	19.9	29.9

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#36

1,1-Dichloropropene

Concen: 20.656 ug/l

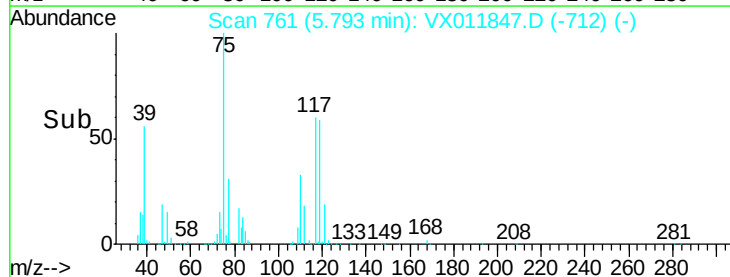
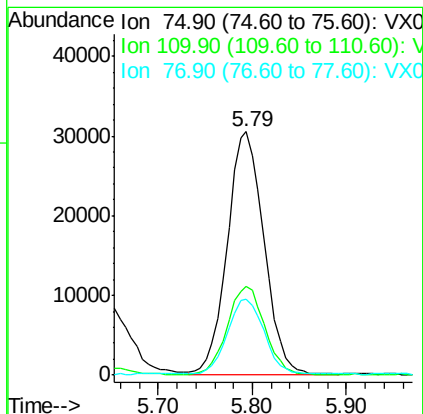
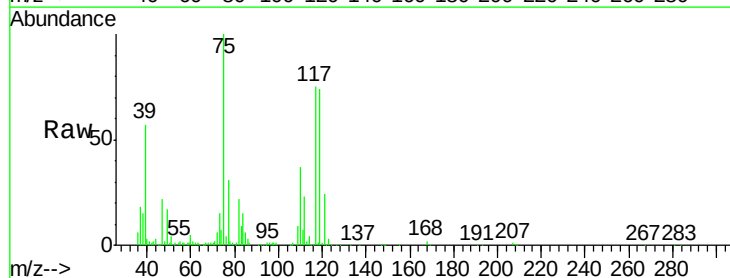
RT: 5.79 min Scan# 761

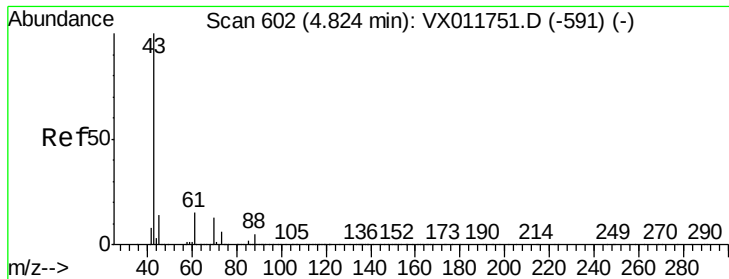
Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	75	Resp:	82562
Ion Ratio	Lower	Upper	
75	100		
110	36.9	19.0	57.0
77	30.7	24.6	36.8





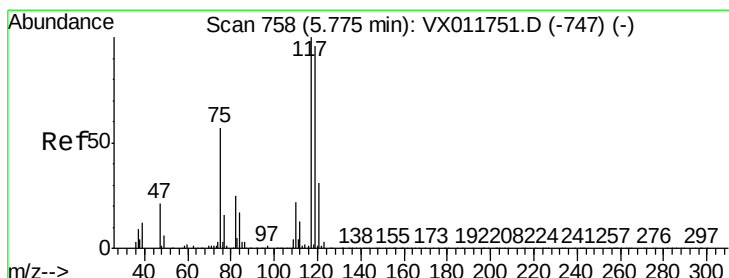
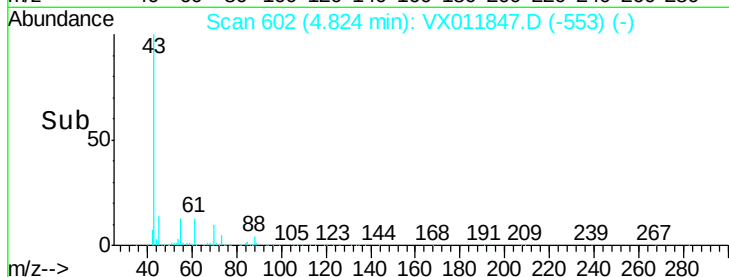
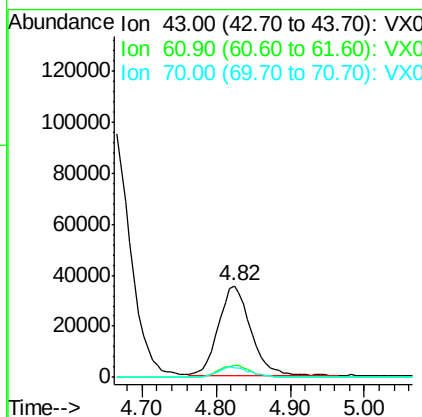
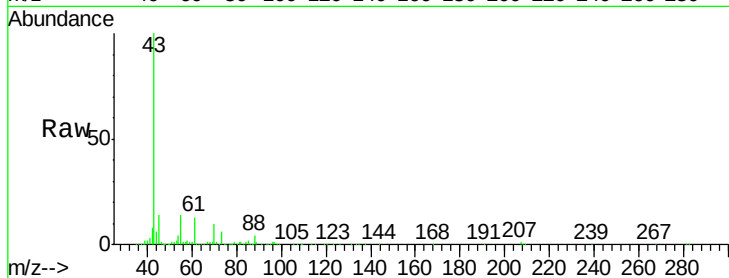
#37
Ethyl Acetate
Concen: 25.123 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	43	Resp	106266
Ion Ratio	Lower	Upper	
43	100		
61	12.9	11.5	17.3
70	11.0	9.5	14.3

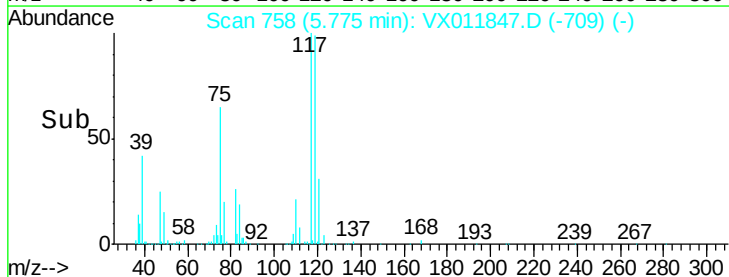
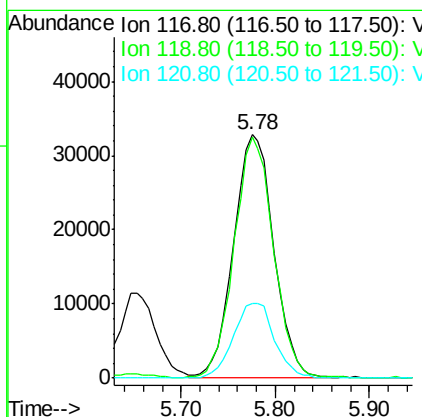
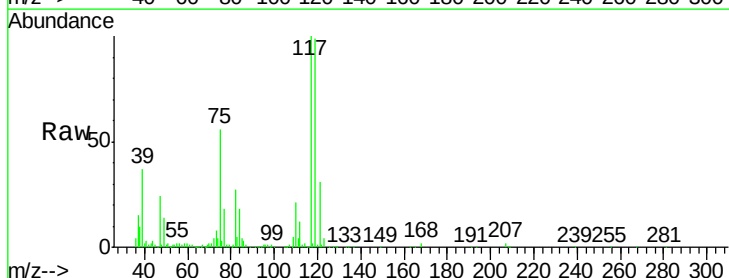
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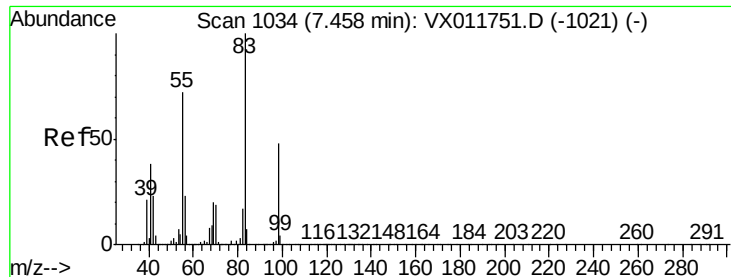
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#38
Carbon Tetrachloride
Concen: 21.480 ug/l
RT: 5.78 min Scan# 758
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion	117	Resp	97299
Ion Ratio	Lower	Upper	
117	100		
119	99.0	76.6	114.8
121	30.8	25.2	37.8





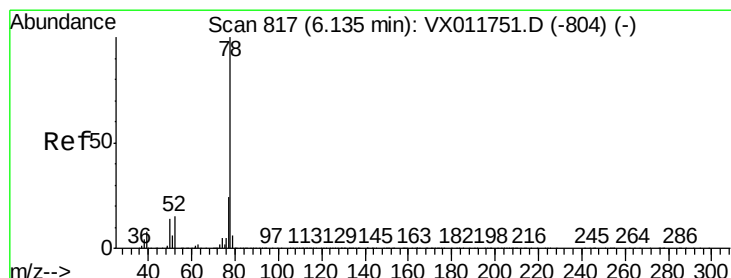
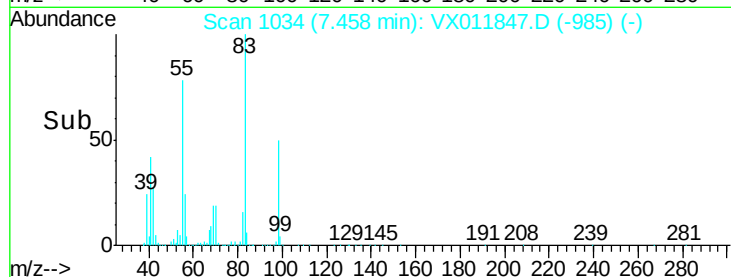
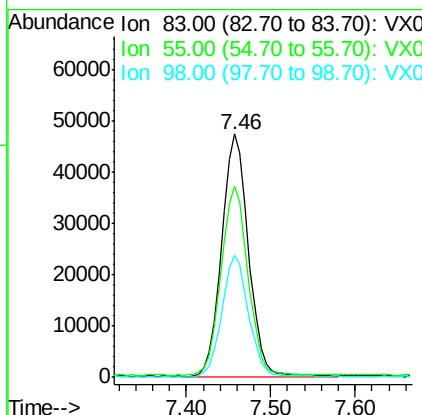
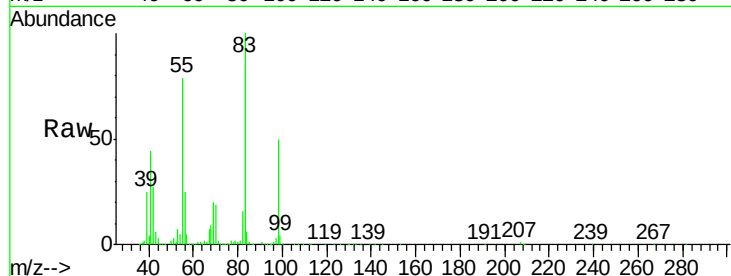
#39
Methylvlcyclohexane
Concen: 20.873 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	57.8	86.6
98	49.8	38.6	58.0

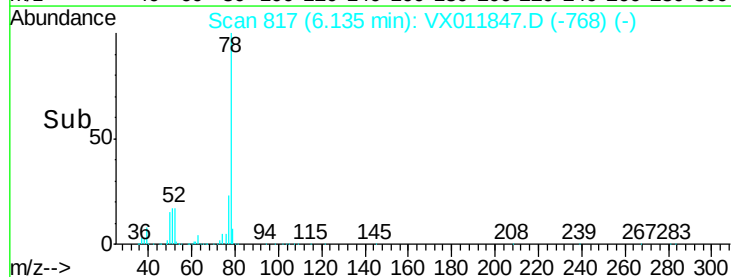
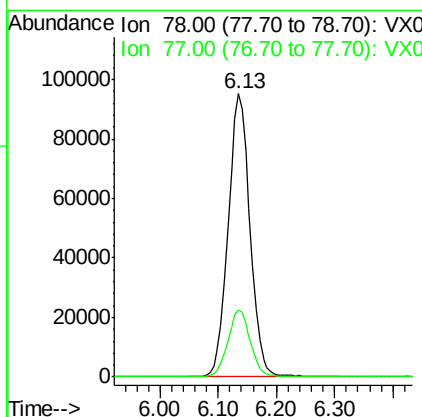
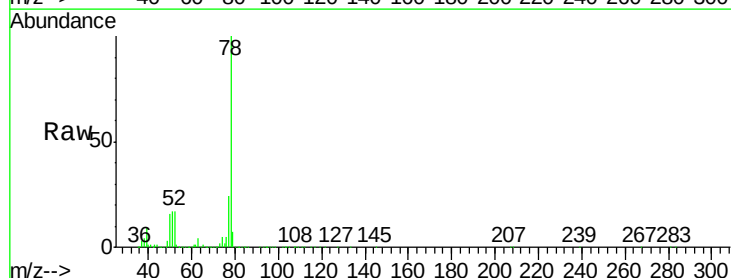
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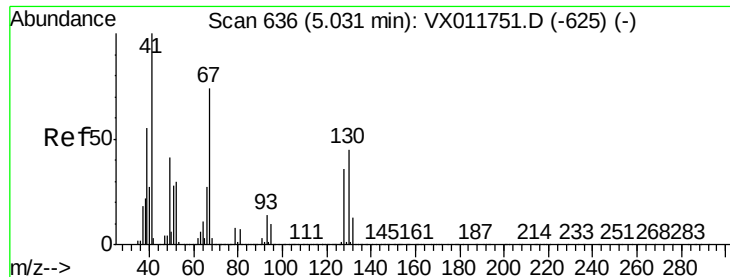
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#40
Benzene
Concen: 20.084 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





#41

Methacrylonitrile

Concen: 23.484 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

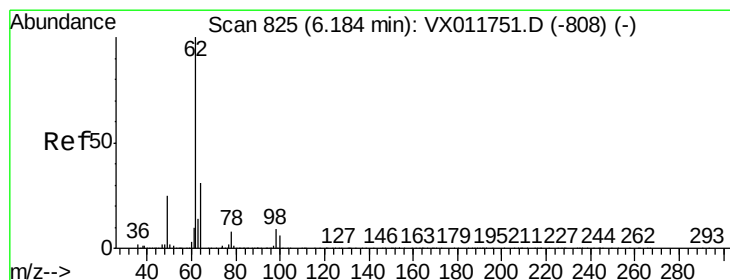
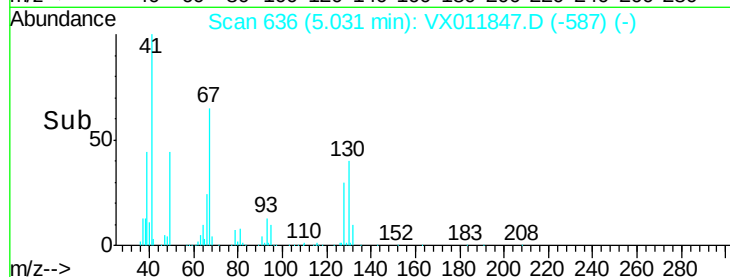
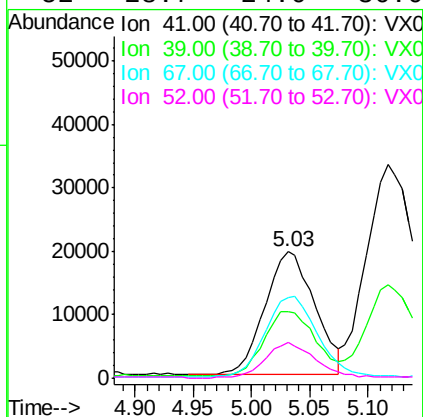
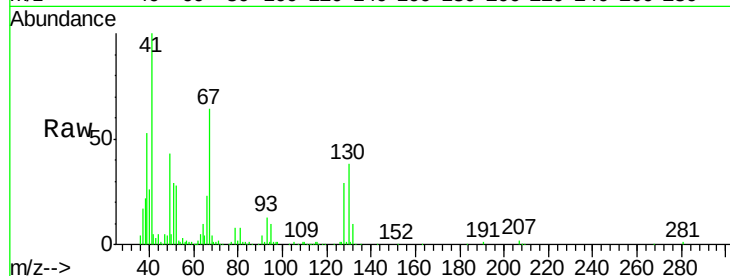
ClientSampleId :

VX0827WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	44.3	66.5	
67	68.9	60.3	90.5	
52	28.7	24.0	36.0	

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#42

1,2-Dichloroethane

Concen: 20.168 ug/l

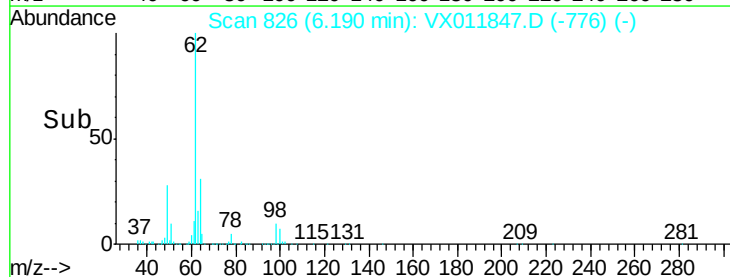
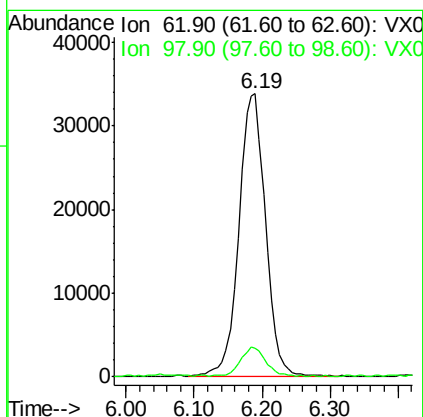
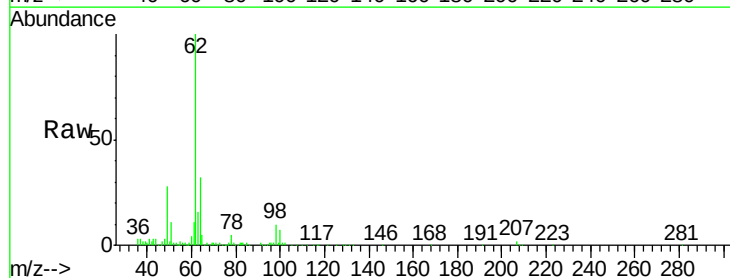
RT: 6.19 min Scan# 826

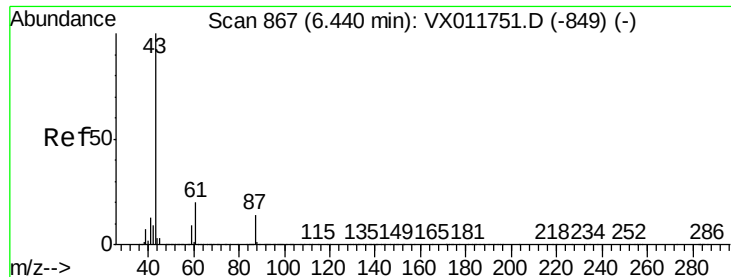
Delta R.T. 0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	18.8	





#43

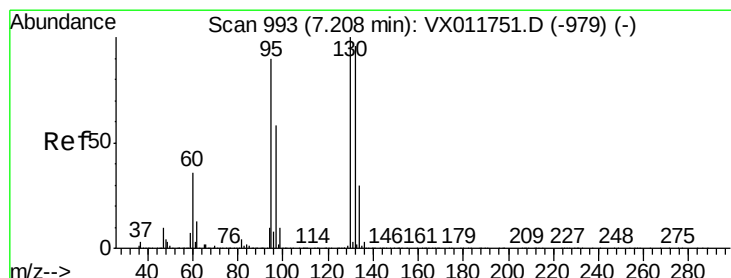
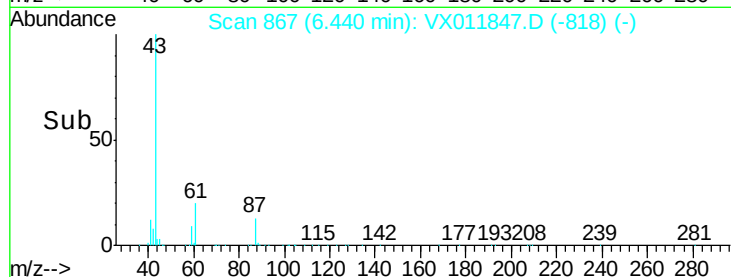
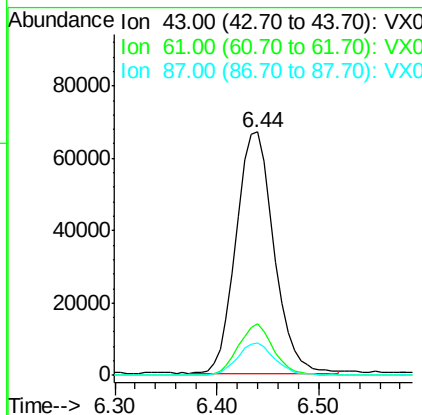
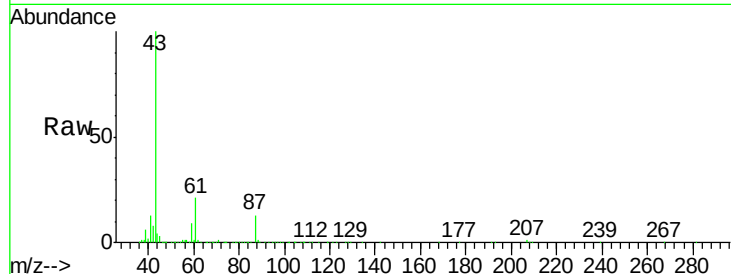
Isopropyl Acetate
 Concen: 25.096 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.2
87	13.2	11.6	17.4

Manual Integrations
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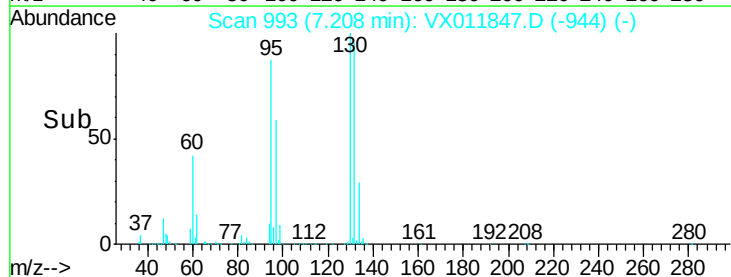
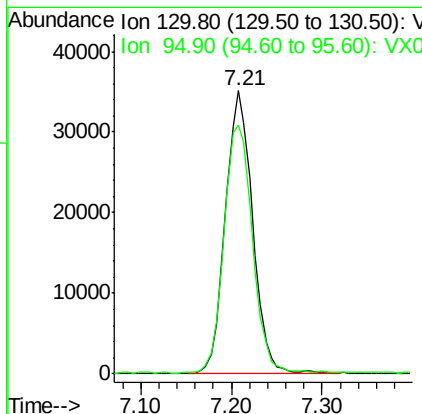
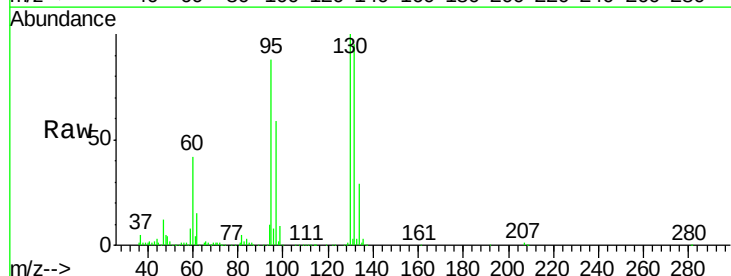
MMDadoda
 8/28/2019 11:44:47 AM

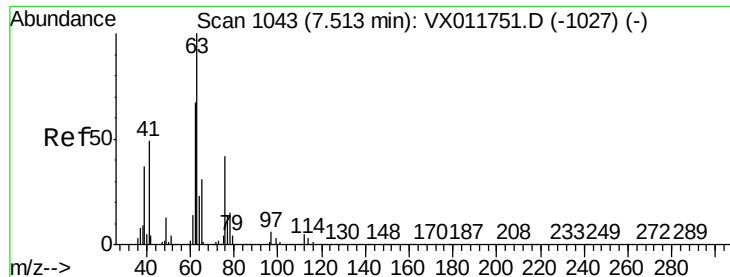


#44

Trichloroethene
 Concen: 19.289 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	179.0





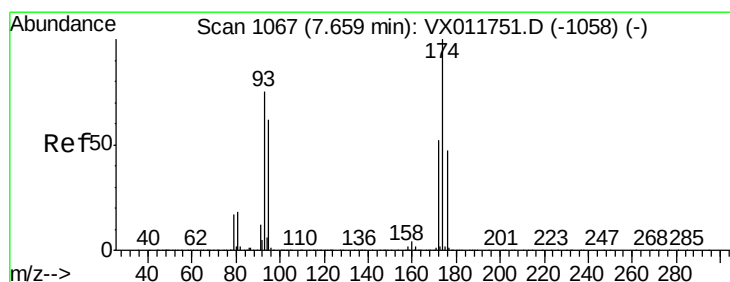
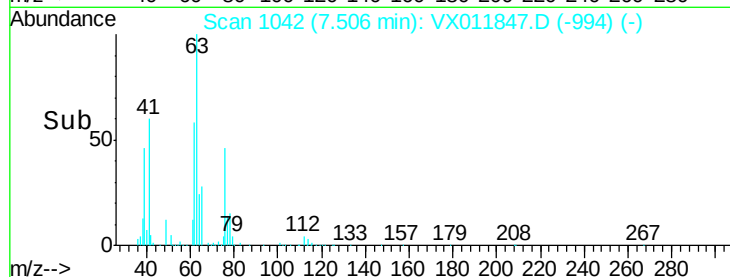
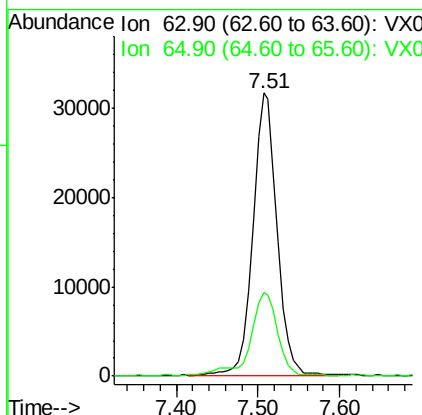
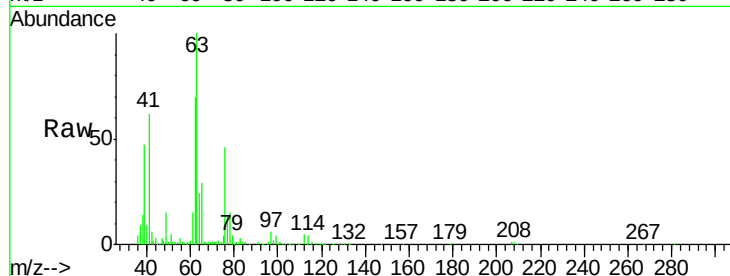
#45
 1,2-Dichloropropane
 Concen: 21.036 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	24.8	37.2

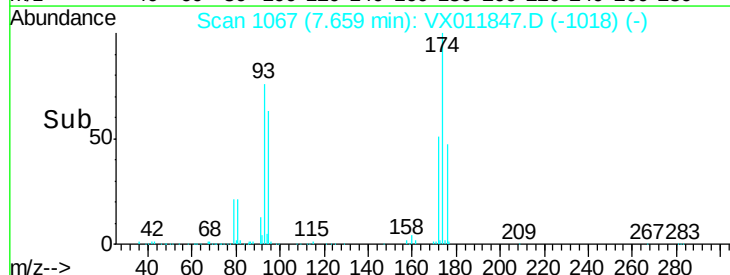
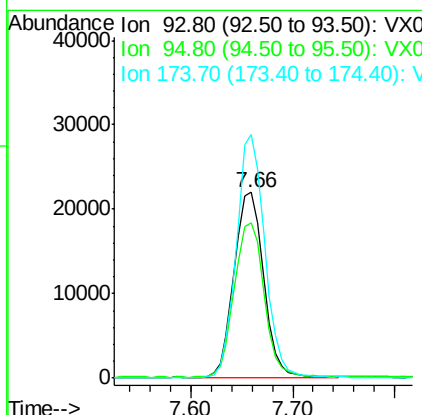
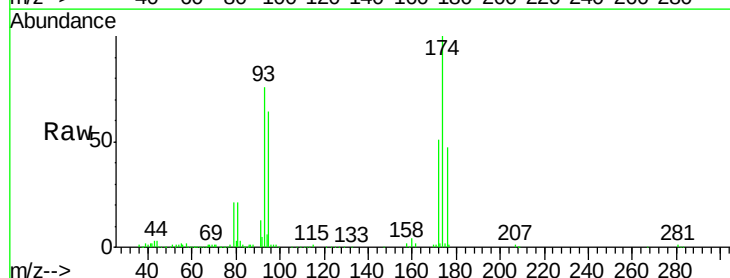
Manual Integrations
 APPROVED

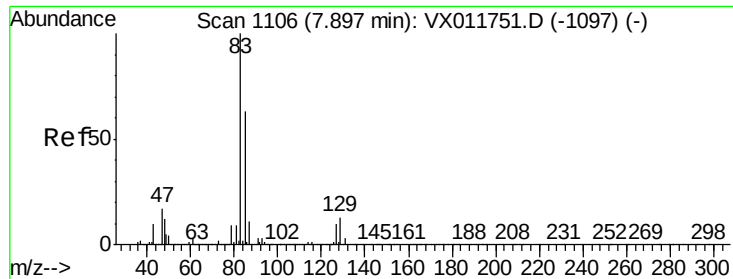
MMDadoda
 8/28/2019 11:44:47 AM



#46
 Dibromomethane
 Concen: 19.187 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.0	66.2	99.2
174	126.9	104.2	156.4





#47

Bromodichloromethane

Concen: 22.572 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

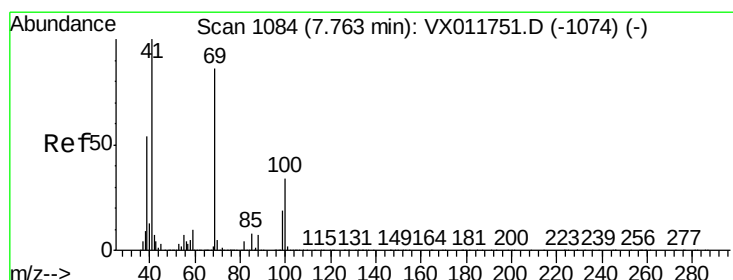
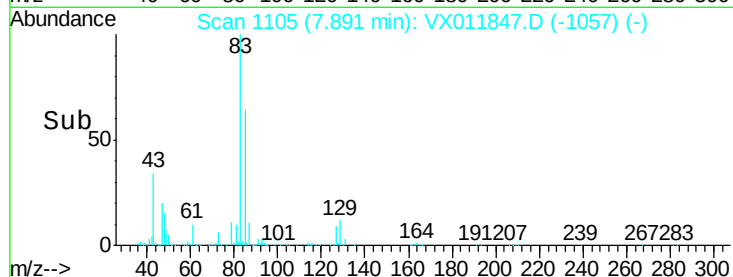
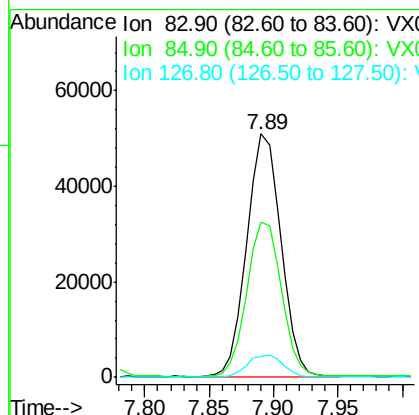
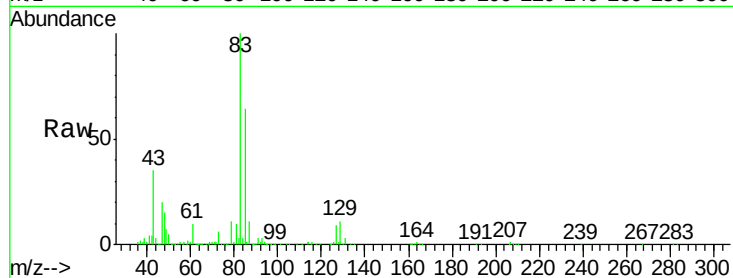
ClientSampleId :

VX0827WBSD01

Tot Ion:	83	Resp:	93102
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.6	76.0
127	8.5	8.4	12.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 24.376 ug/l

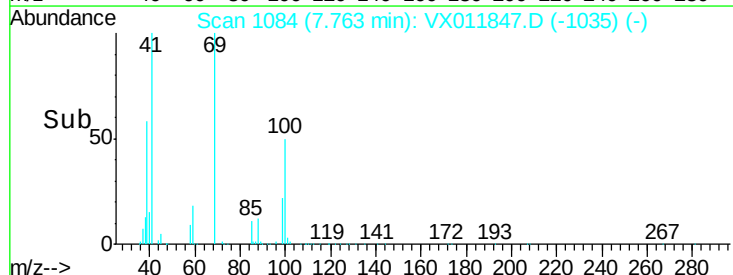
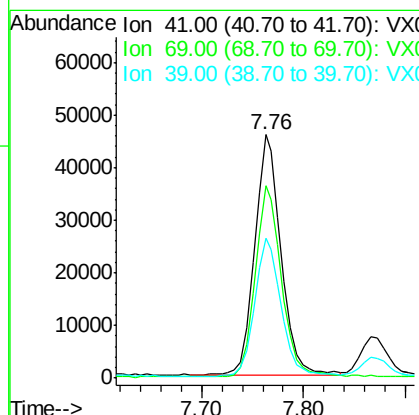
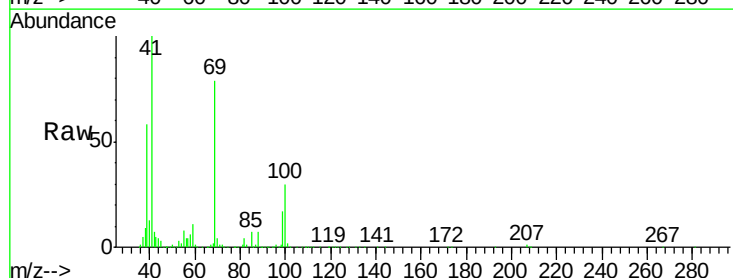
RT: 7.76 min Scan# 1084

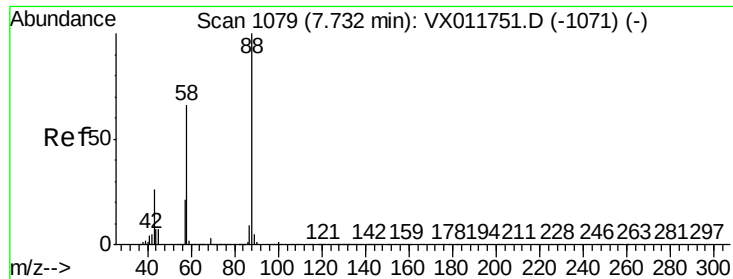
Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	41	Resp:	83049
Ion Ratio	Lower	Upper	
41	100		
69	79.5	69.4	104.2
39	57.6	43.6	65.4





#49

1,4-Dioxane

Concen: 402.094 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

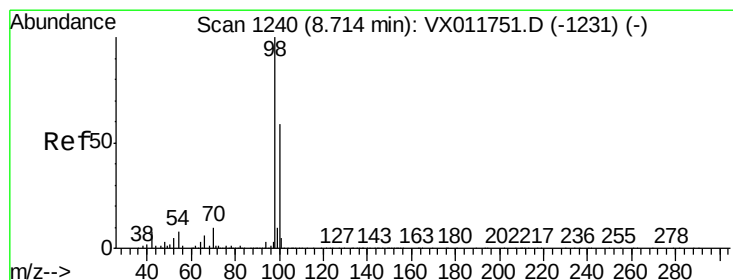
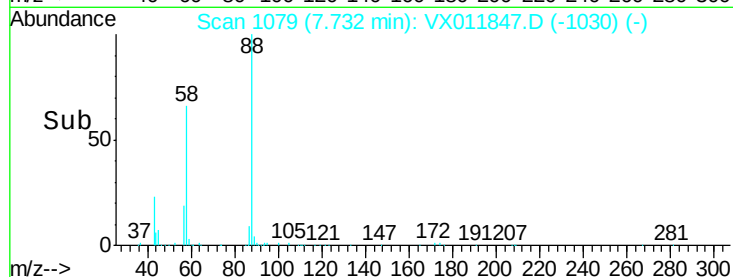
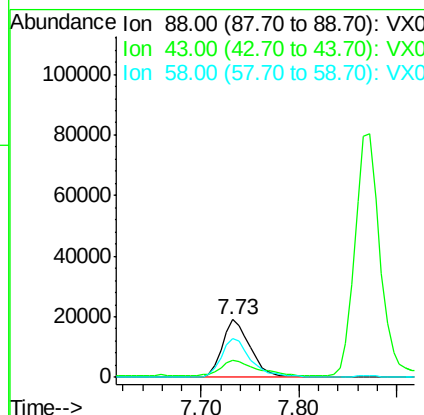
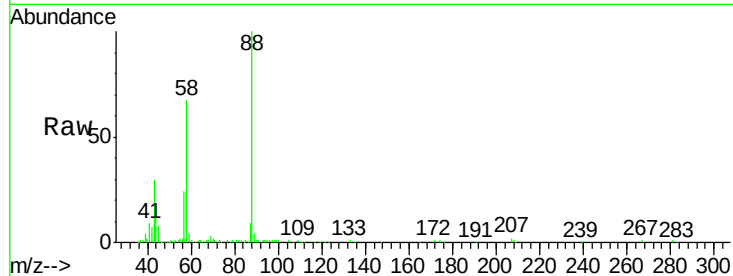
ClientSampleId :

VX0827WBSD01

Tot Ion:	88	Resp:	37957
Ion	Ratio	Lower	Upper
88	100		
43	34.1	24.6	37.0
58	67.3	51.4	77.2

Manual Integrations
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#50

Toluene-d8

Concen: 52.333 ug/l

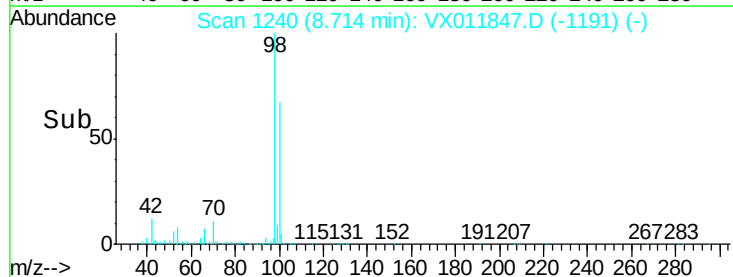
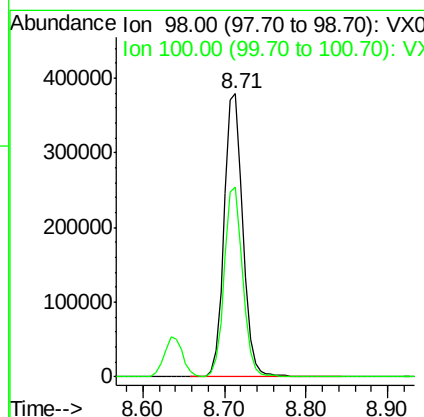
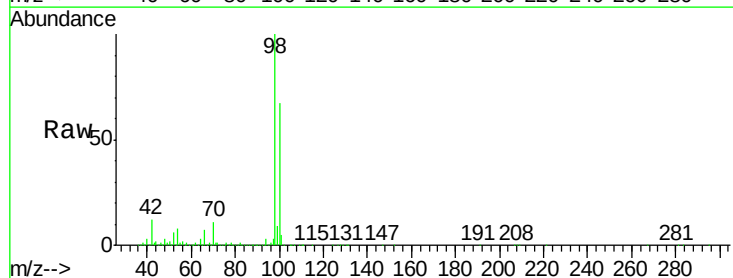
RT: 8.71 min Scan# 1240

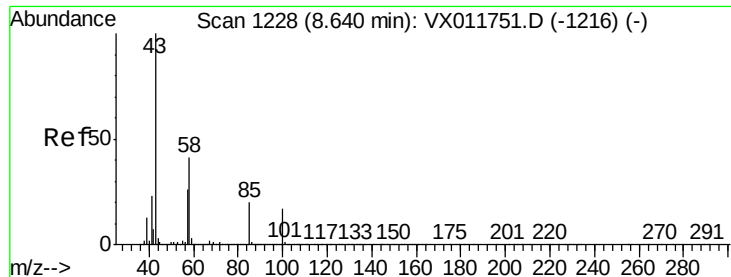
Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	98	Resp:	601631
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 116.596 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 43 Resp: 525963

Ion Ratio Lower Upper

43 100

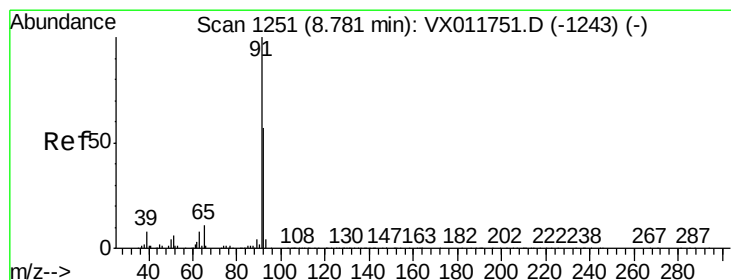
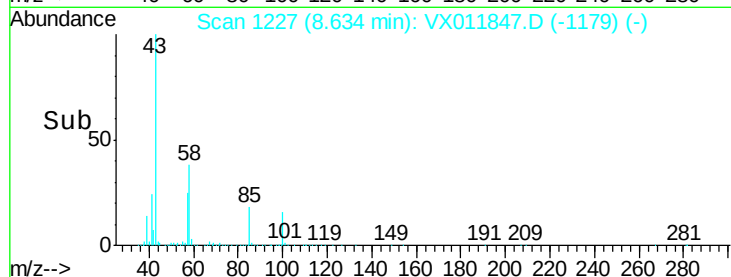
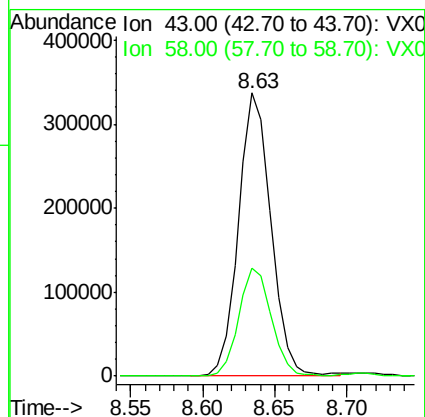
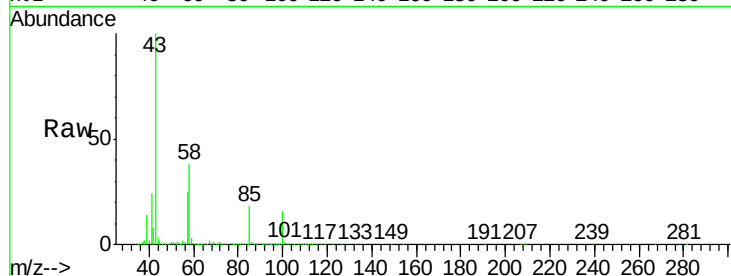
58 38.6 31.8 47.6

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#52

Toluene

Concen: 19.461 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011847.D

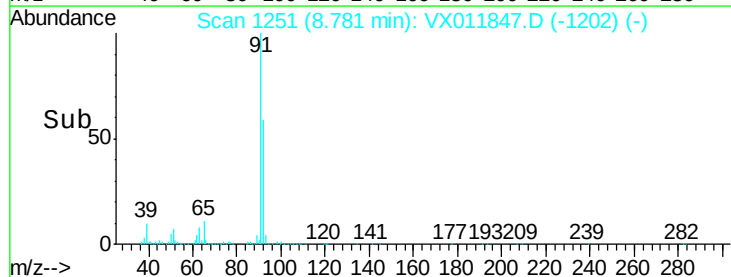
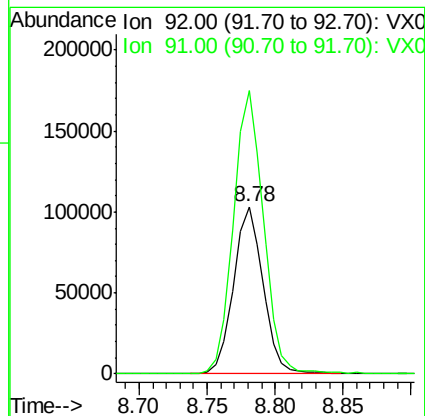
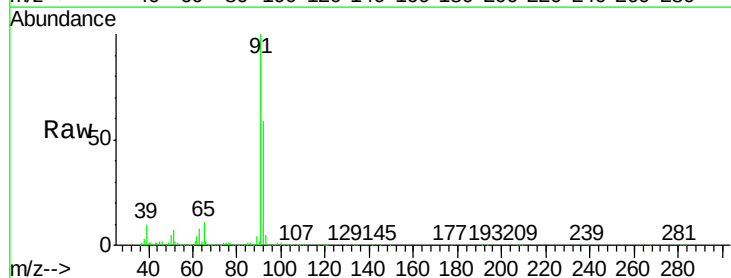
Acq: 27 Aug 2019 14:06

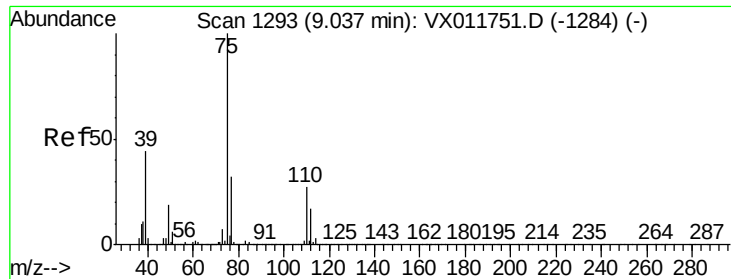
Tgt Ion: 92 Resp: 155712

Ion Ratio Lower Upper

92 100

91 172.4 138.6 207.8





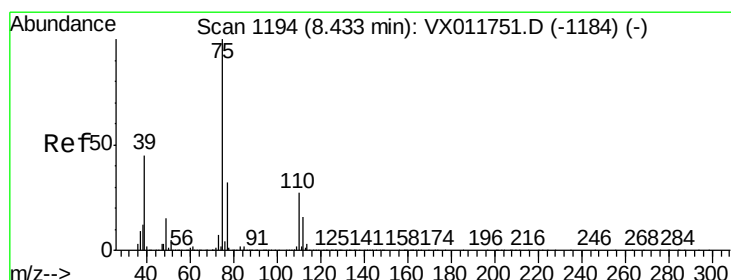
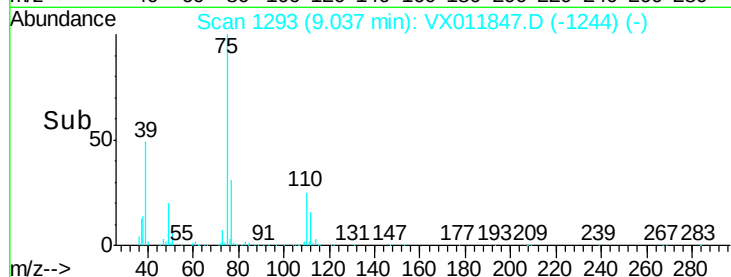
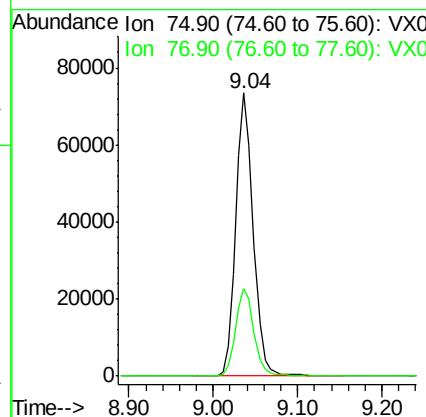
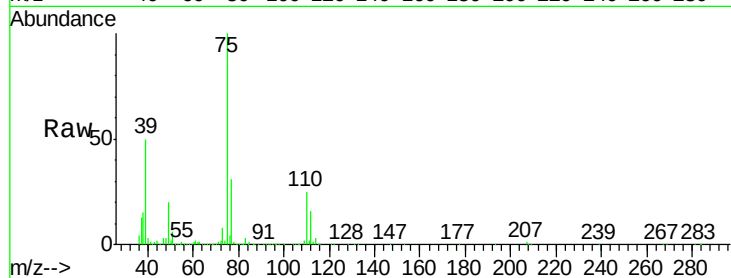
#53
t-1,3-Dichloropropene
Concen: 23.919 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.4	38.0

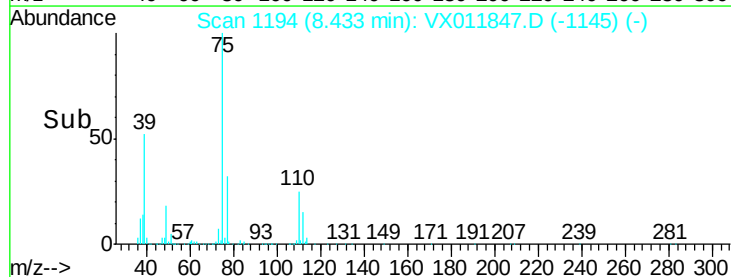
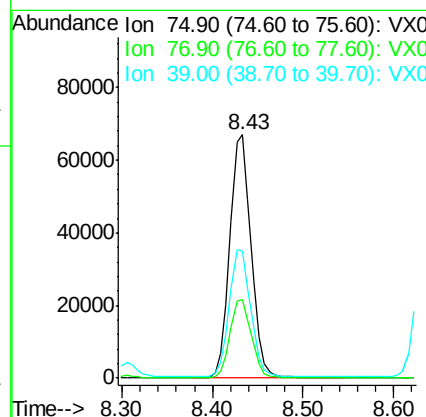
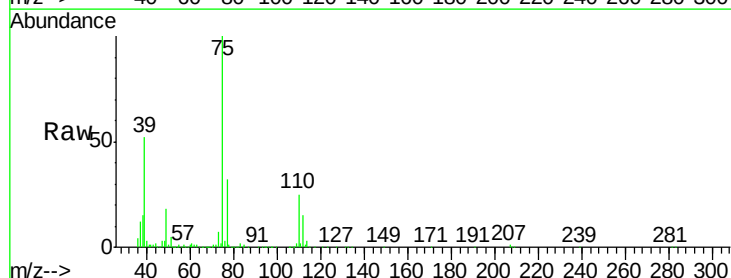
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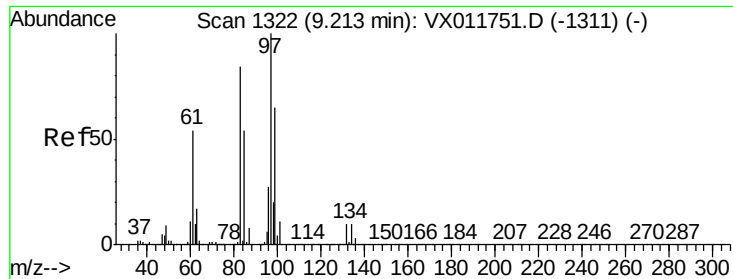
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 23.317 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.2
39	51.9	36.2	54.4





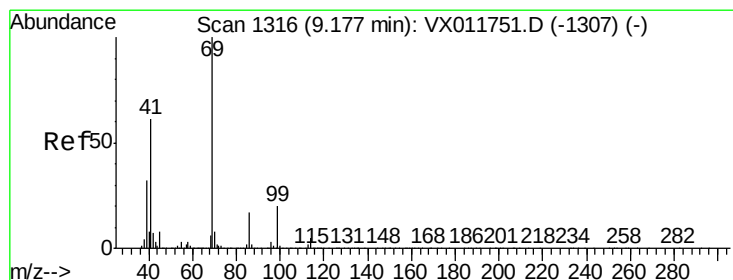
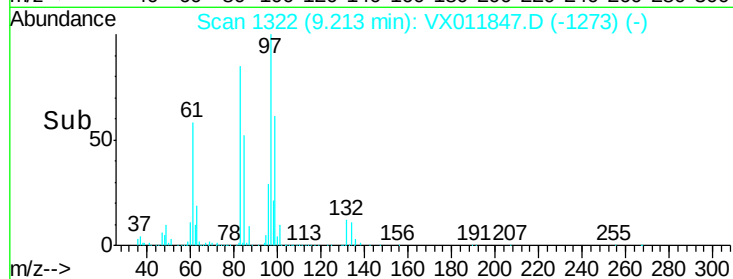
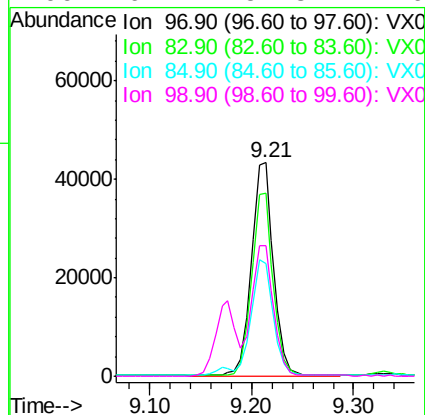
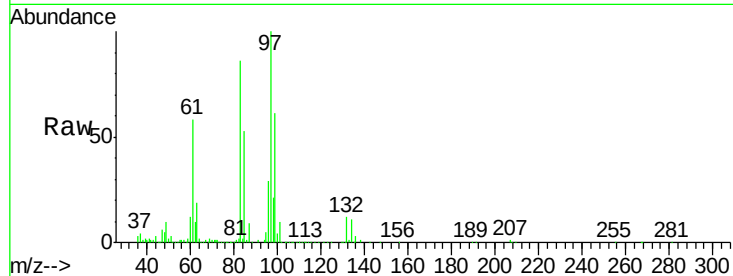
#55
 1,1,2-Trichloroethane
 Concen: 19.661 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion:	97	Resp:	65540
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.3	100.9
85	52.3	43.4	65.2
99	61.4	51.8	77.6

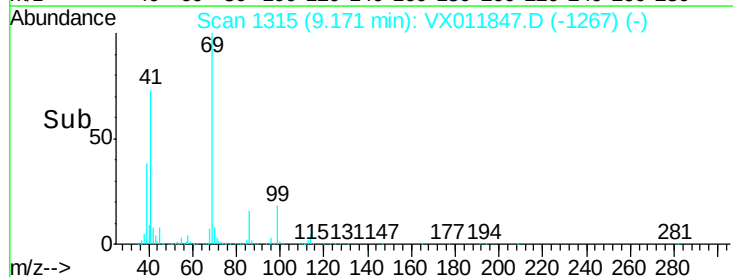
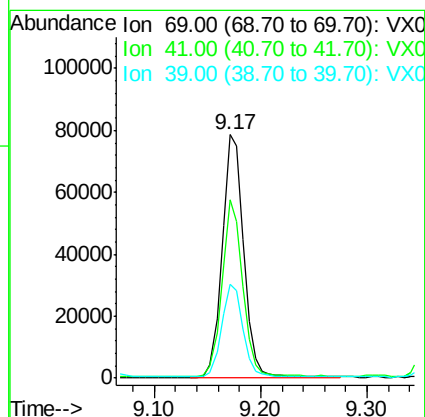
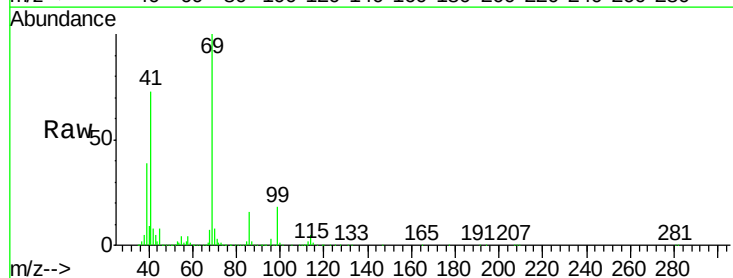
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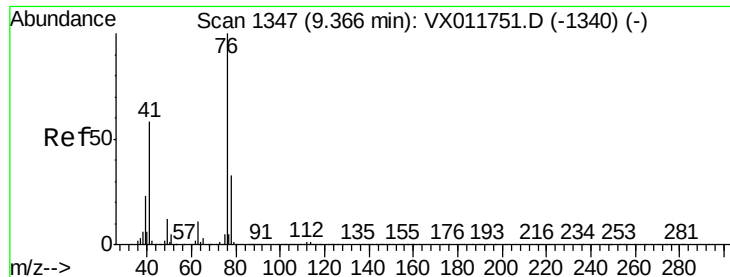
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#56
 Ethyl methacrylate
 Concen: 23.275 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion:	69	Resp:	110345
Ion	Ratio	Lower	Upper
69	100		
41	69.9	50.7	76.1
39	37.7	26.4	39.6





#57

1,3-Dichloropropane

Concen: 20.280 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 76 Resp: 109160

Ion Ratio Lower Upper

76 100

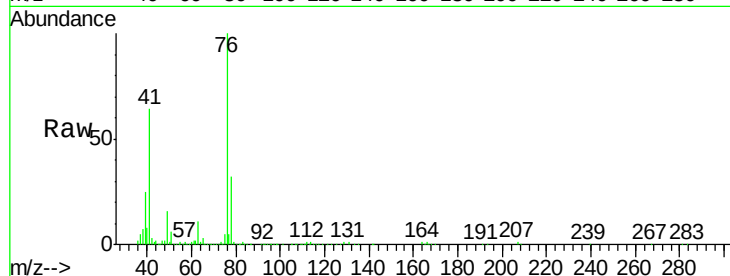
78 32.3 26.6 39.8

Manual Integrations

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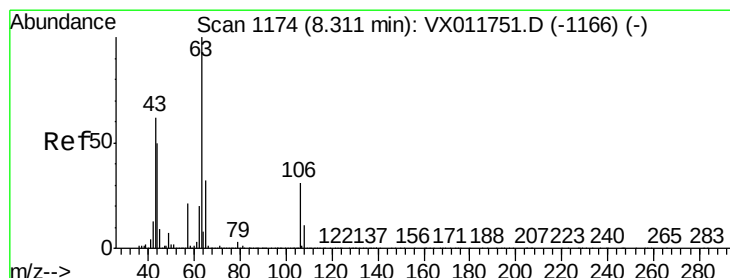
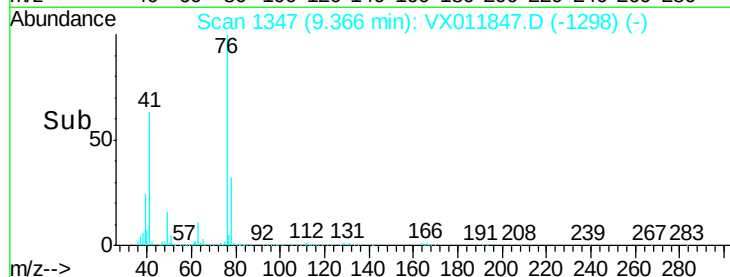
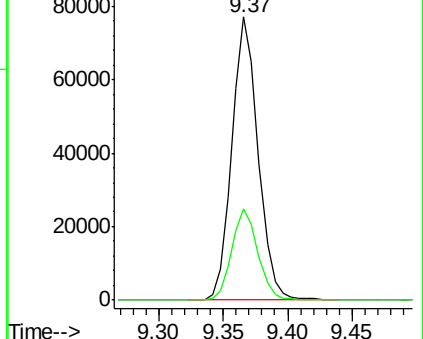
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 119.991 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011847.D

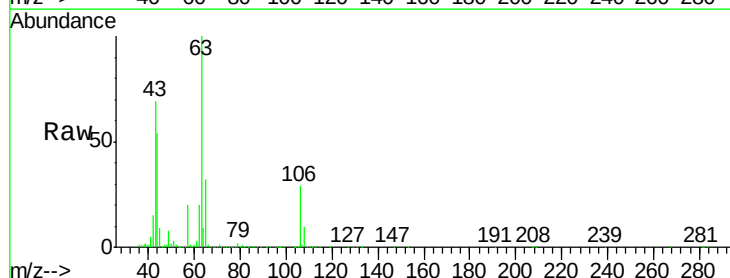
Acq: 27 Aug 2019 14:06

Tgt Ion: 63 Resp: 299242

Ion Ratio Lower Upper

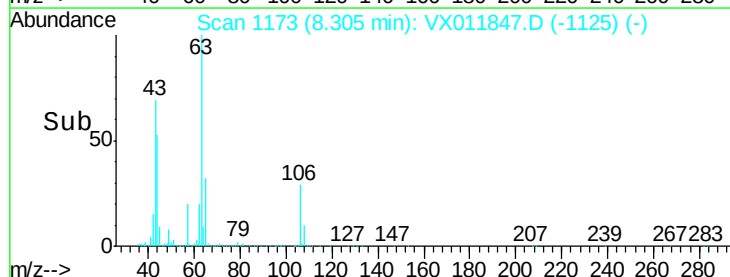
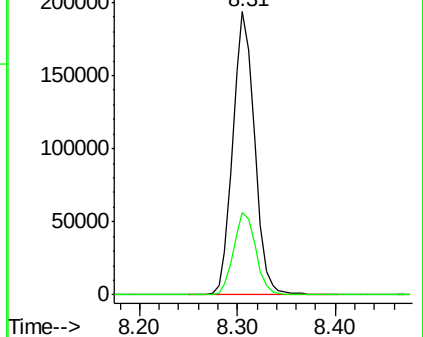
63 100

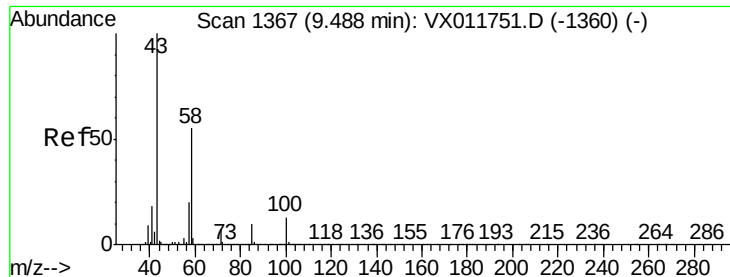
106 30.1 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





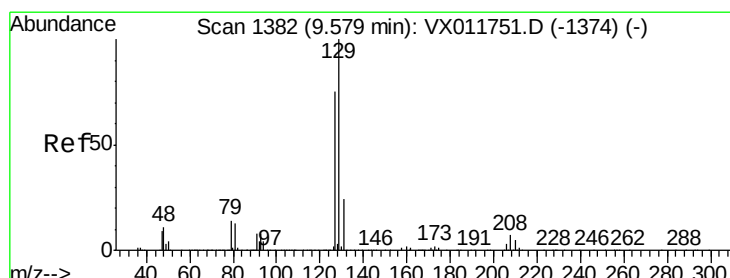
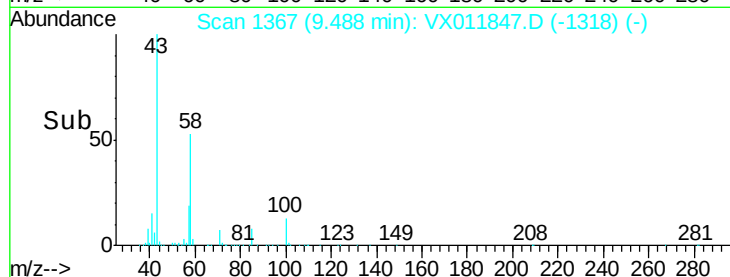
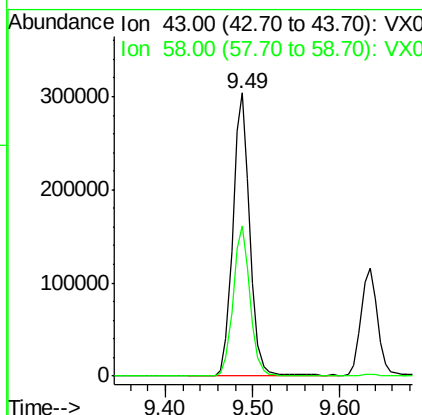
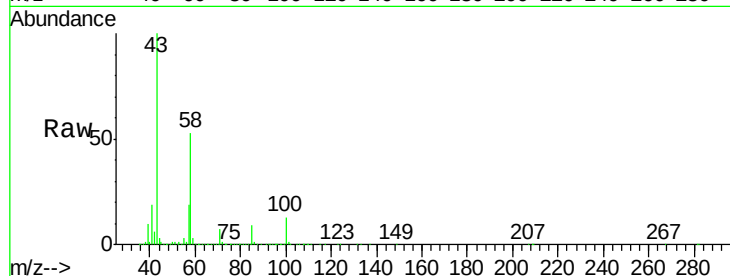
#59
2-Hexanone
Concen: 118.171 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion: 43 Resp: 409146
Ion Ratio Lower Upper
43 100
58 53.4 27.7 83.1

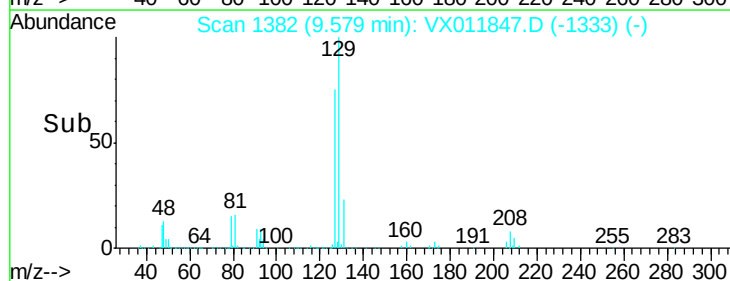
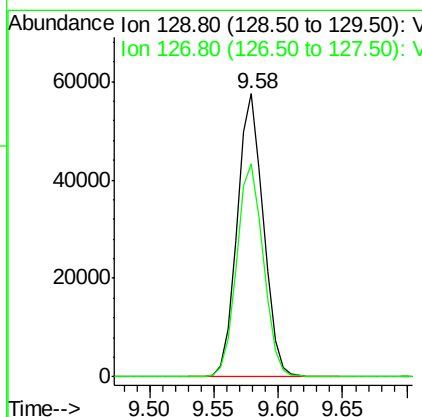
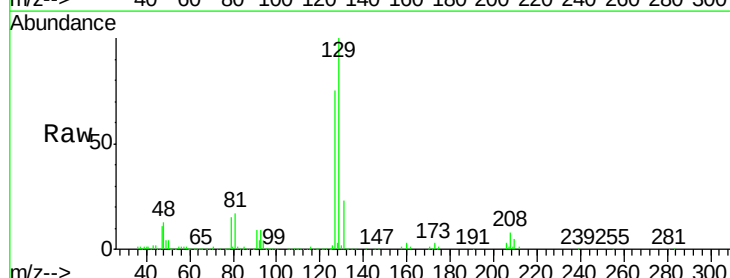
Manual Integrations
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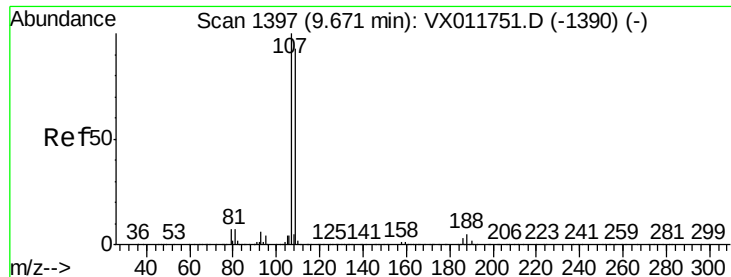
MMDadoda
8/28/2019 11:44:47 AM



#60
Dibromochloromethane
Concen: 22.526 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion: 129 Resp: 81190
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.8





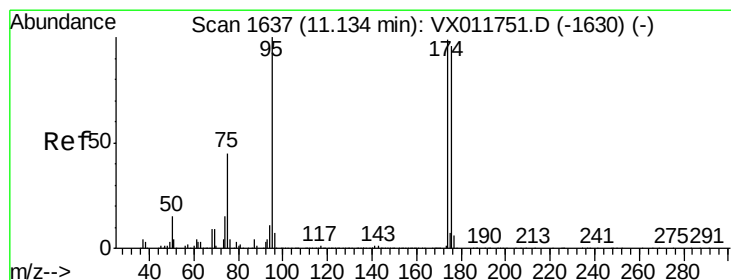
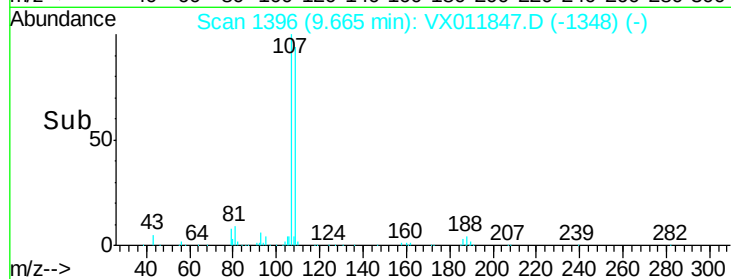
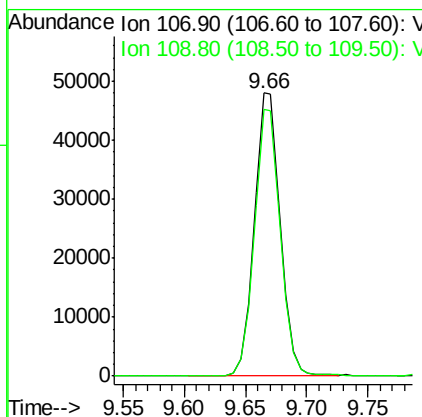
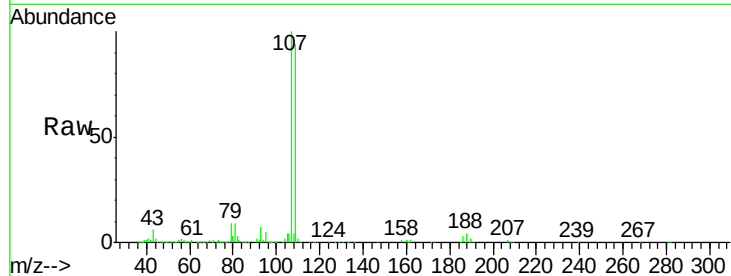
#61
 1,2-Dibromoethane
 Concen: 19.950 ug/l
 RT: 9.66 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.8	113.8

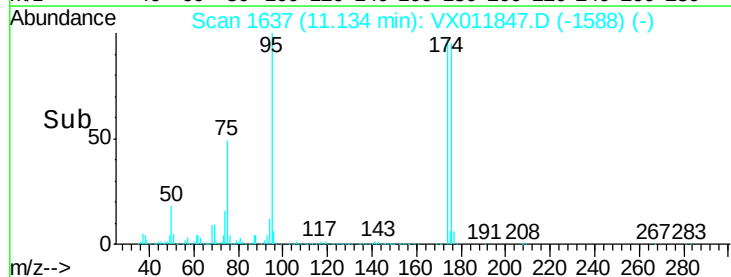
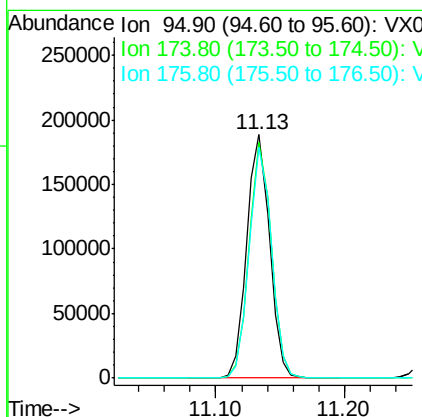
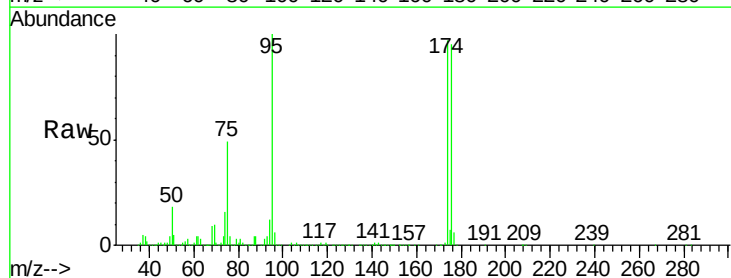
Manual Integrations
 APPROVED

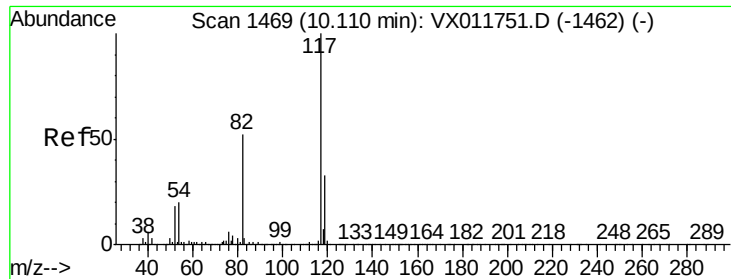
MMDadoda
 8/28/2019 11:44:47 AM



#62
 4-Bromofluorobenzene
 Concen: 50.286 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	197.4
176	93.0	0.0	194.4





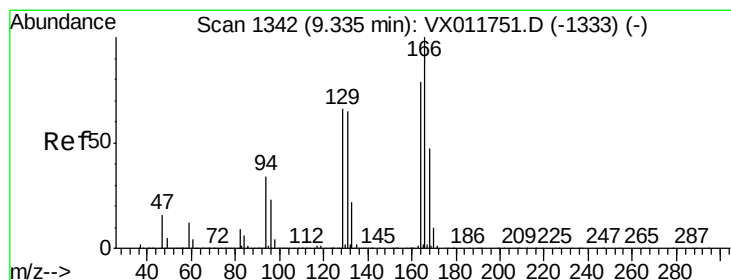
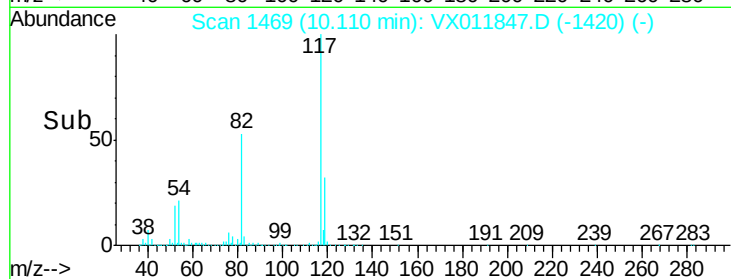
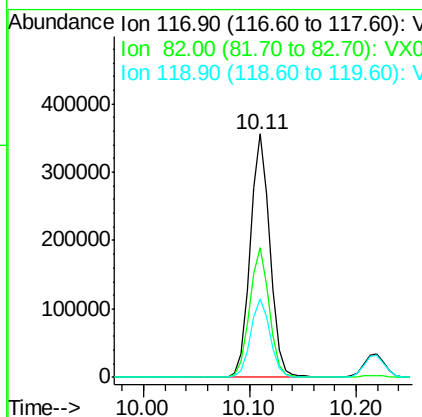
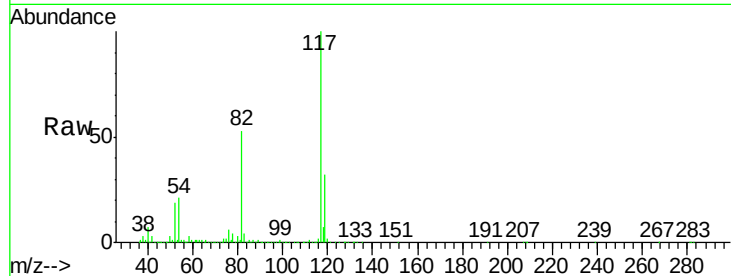
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	460676		
82	53.4	41.7	62.5	
119	32.3	26.2	39.2	

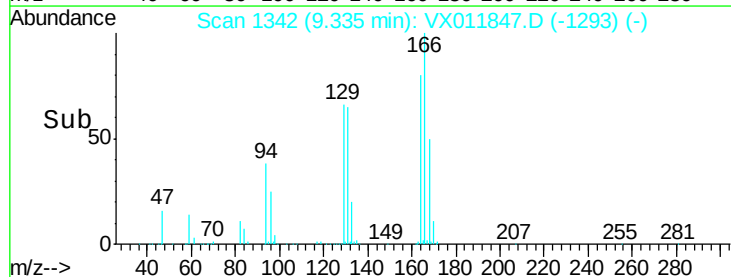
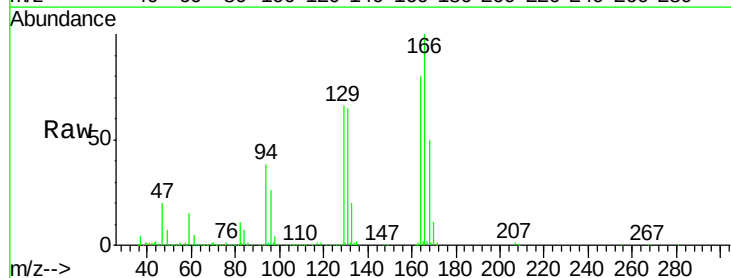
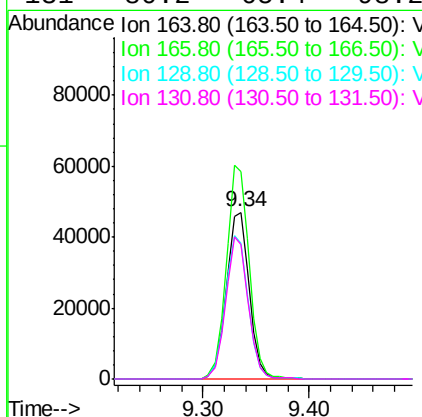
Manual Integrations
APPROVED

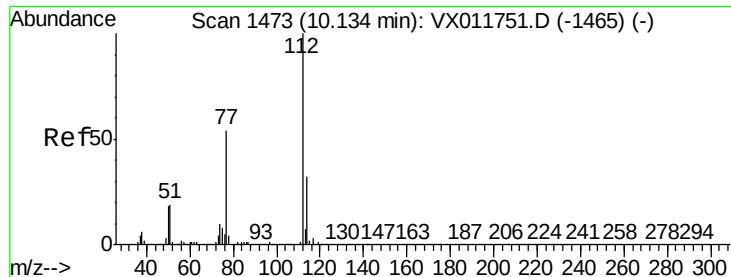
MMDadoda
8/28/2019 11:44:47 AM



#64
Tetrachloroethene
Concen: 19.306 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	70953		
166	124.3	100.7	151.1	
129	81.9	66.8	100.2	
131	80.2	65.4	98.2	





#65

Chlorobenzene

Concen: 19.076 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion:112 Resp: 171570

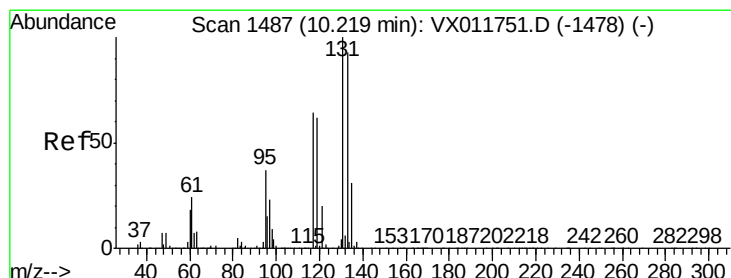
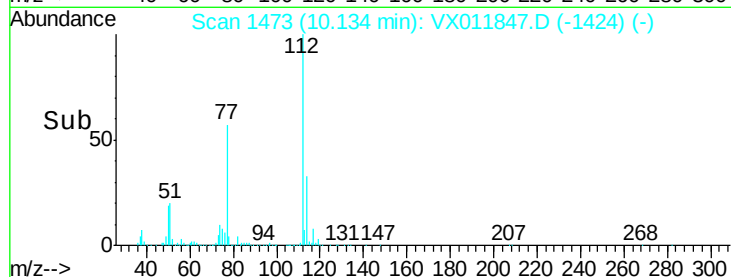
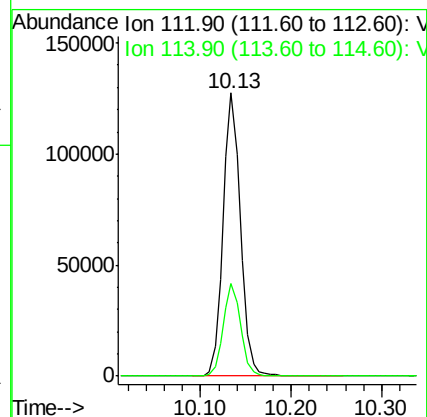
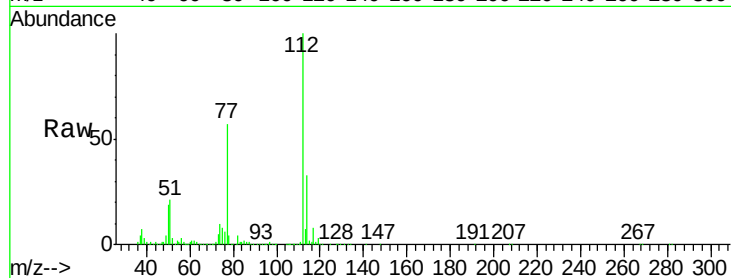
Ion Ratio Lower Upper

112 100

114 32.8 25.4 38.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 21.245 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

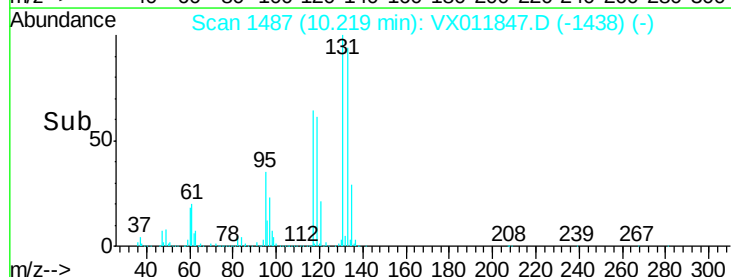
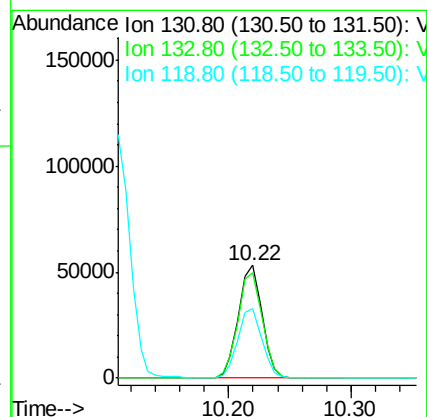
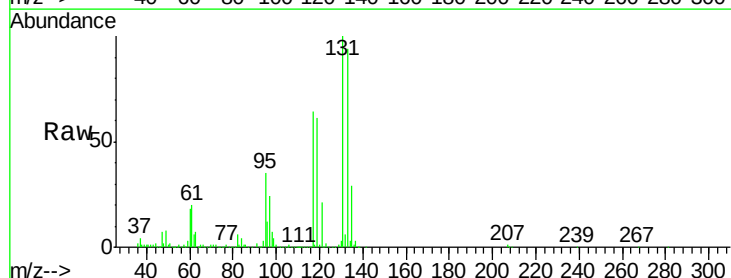
Tgt Ion:131 Resp: 71589

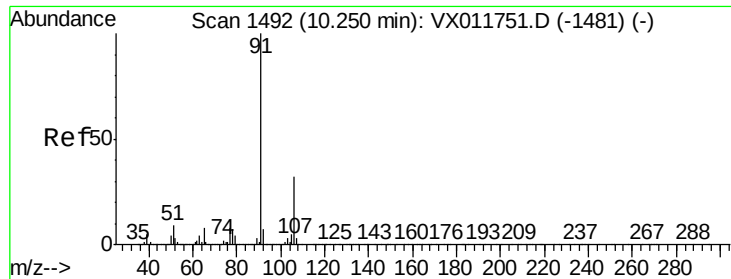
Ion Ratio Lower Upper

131 100

133 96.4 47.8 143.4

119 62.3 31.3 93.8





#67

Ethyl Benzene

Concen: 20.050 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 91 Resp: 301347

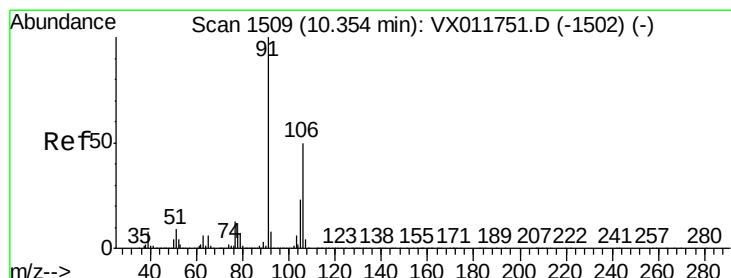
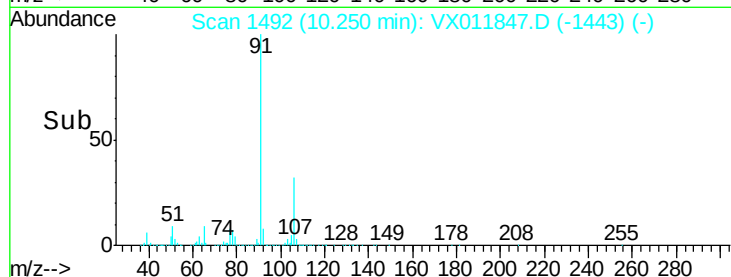
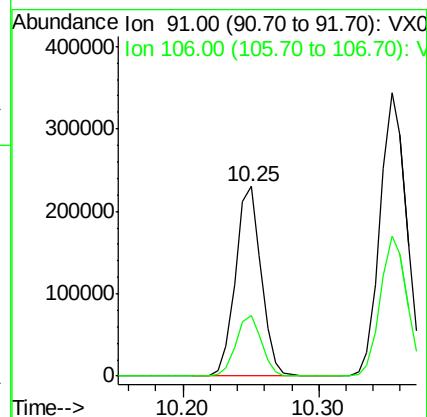
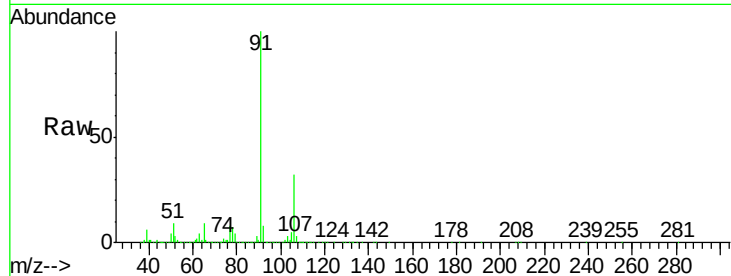
Ion Ratio Lower Upper

91 100

106 32.0 25.5 38.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 39.740 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011847.D

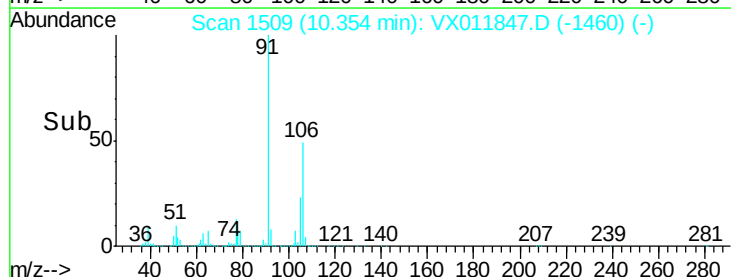
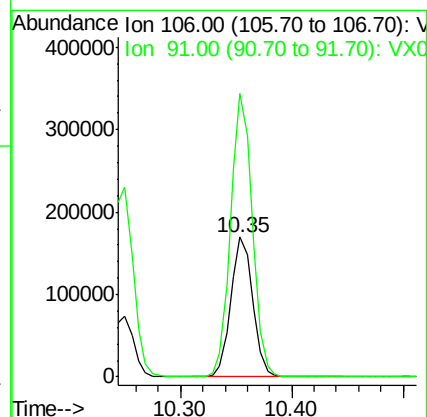
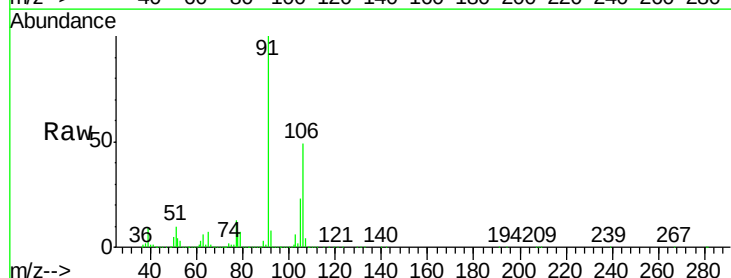
Acq: 27 Aug 2019 14:06

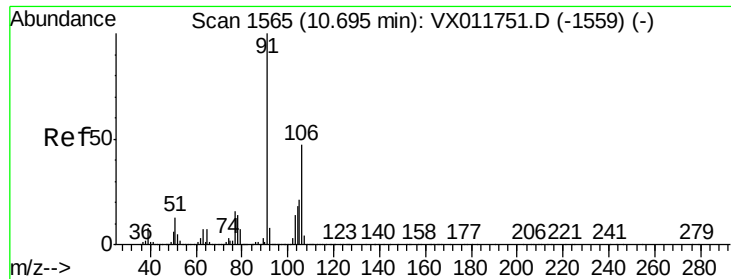
Tgt Ion: 106 Resp: 230308

Ion Ratio Lower Upper

106 100

91 201.1 158.3 237.5





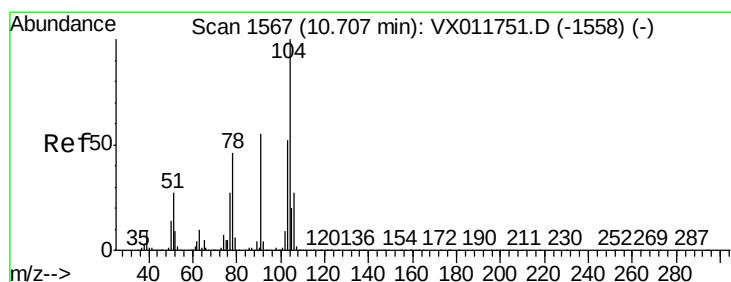
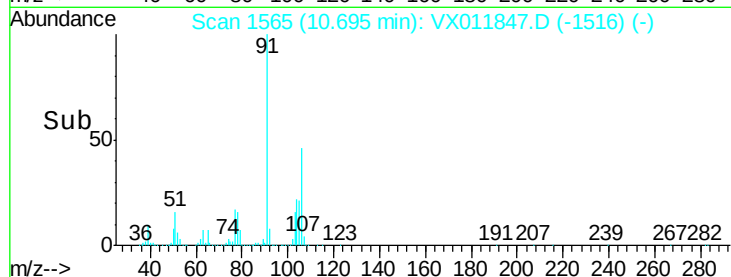
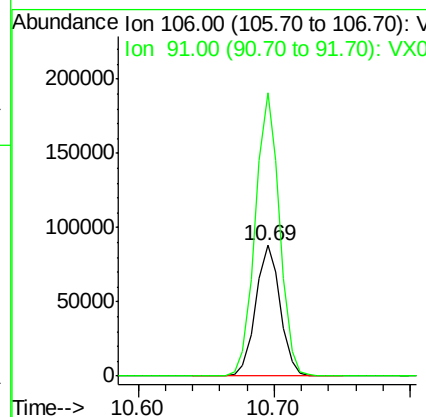
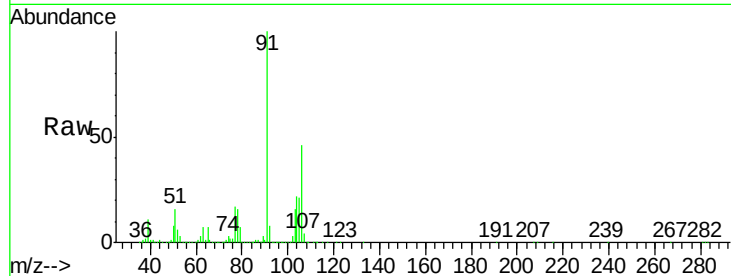
#69
o-Xylene
Concen: 19.687 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.1	105.0	314.9

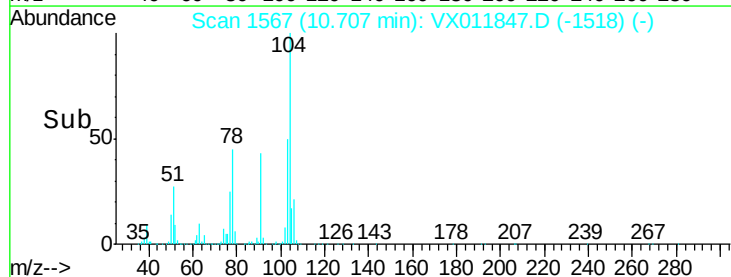
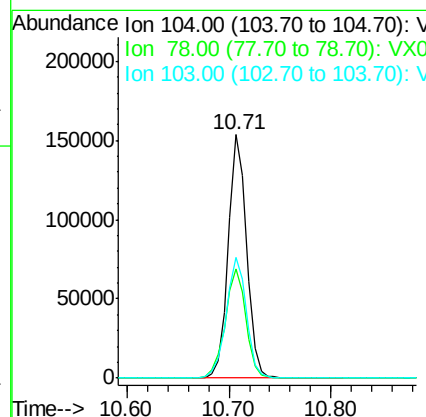
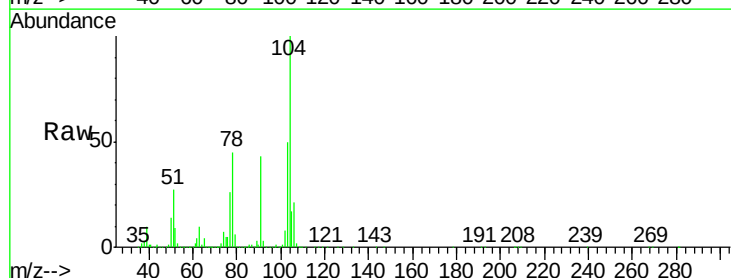
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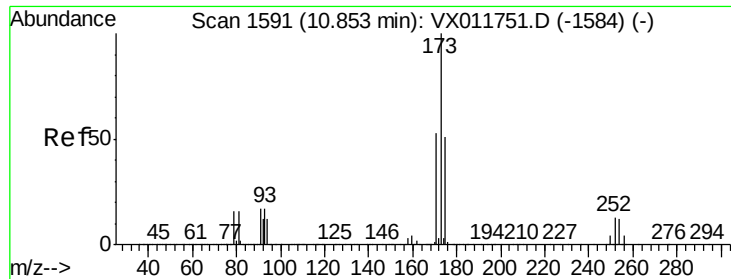
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#70
Styrene
Concen: 20.252 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.5	39.2	58.8
103	54.7	44.5	66.7





#71

Bromoform

Concen: 23.731 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion:173 Resp: 68987

Ion Ratio Lower Upper

173 100

175 49.3 25.1 75.3

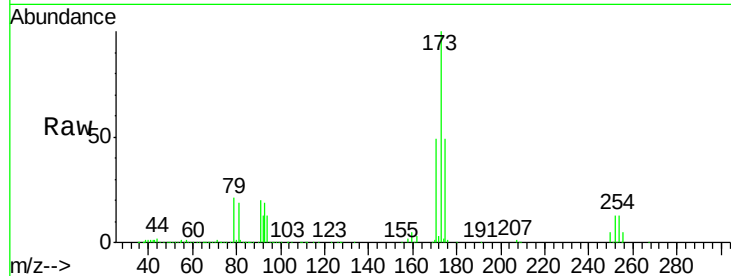
254 0.2 0.2 0.4#

Manual Integrations

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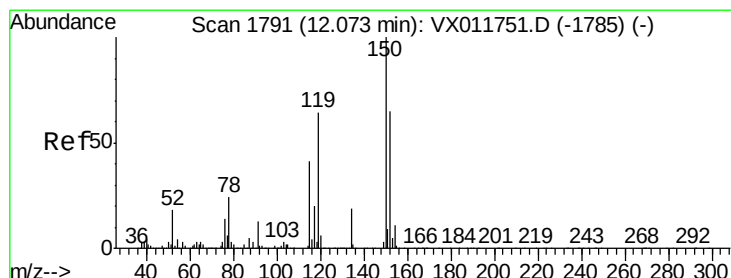
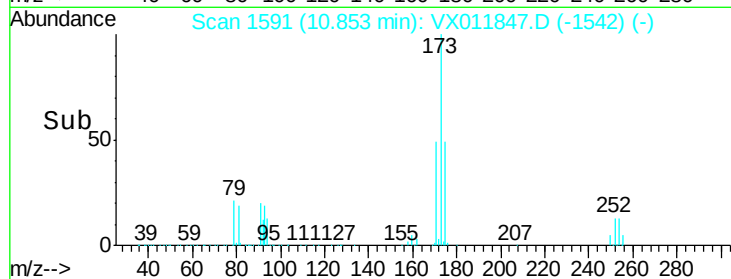
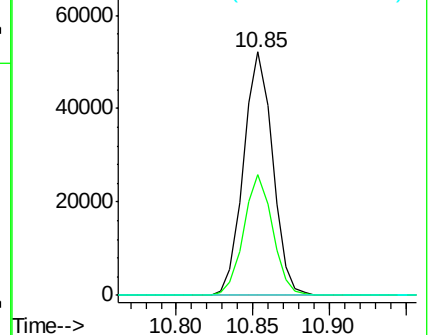
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

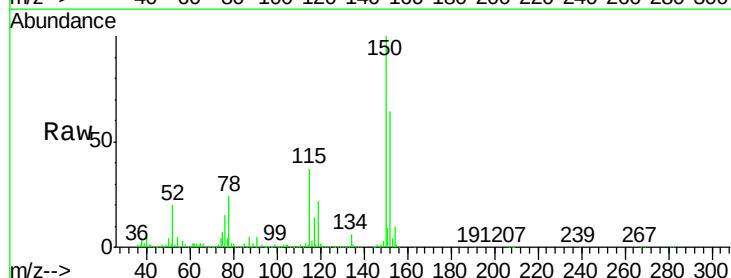
Tgt Ion:152 Resp: 241602

Ion Ratio Lower Upper

152 100

115 62.8 37.3 111.8

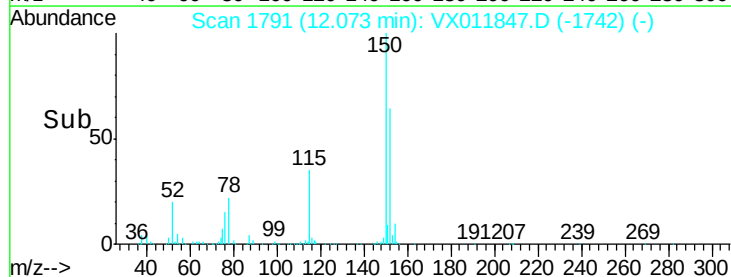
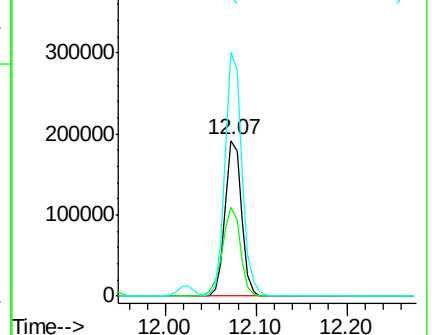
150 161.6 0.0 343.0

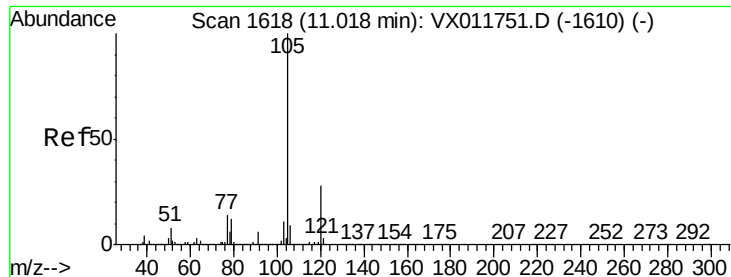


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.727 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion:105 Resp: 301779

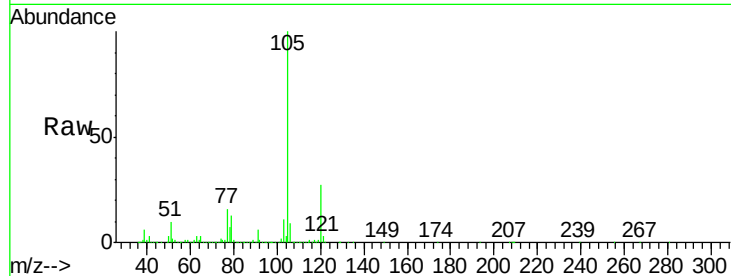
Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.7

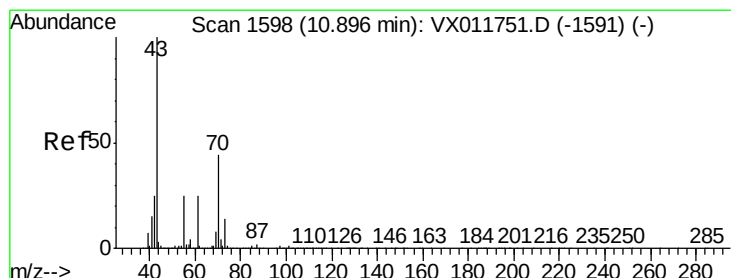
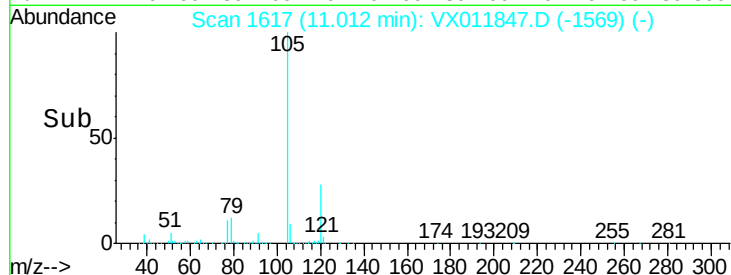
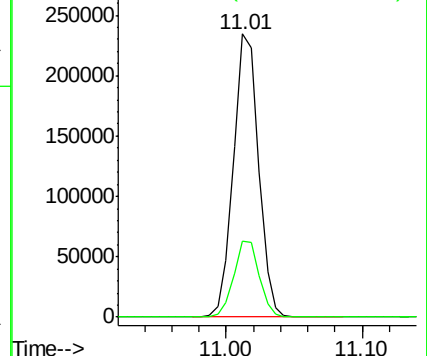
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 26.466 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion: 43 Resp: 149187

Ion Ratio Lower Upper

43 100

70 40.6 34.8 52.2

55 22.7 19.5 29.3

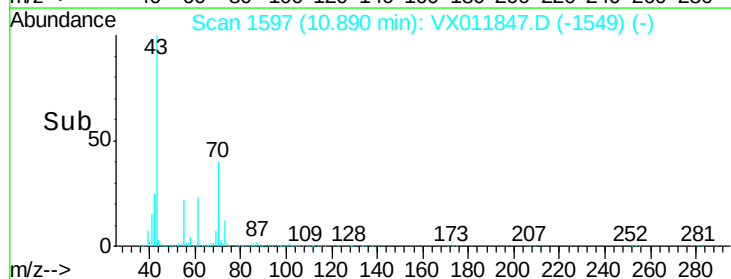
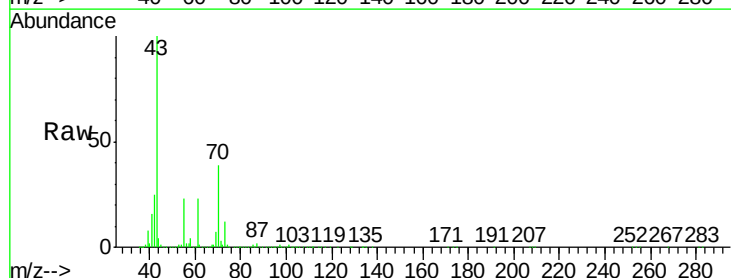
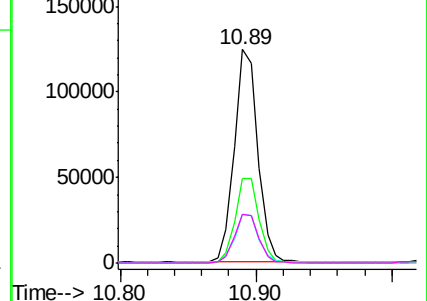
61 23.7 19.8 29.6

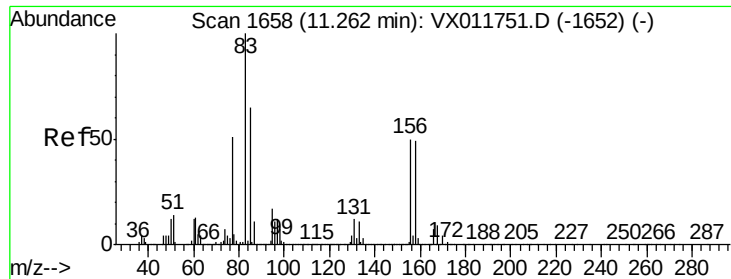
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.982 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

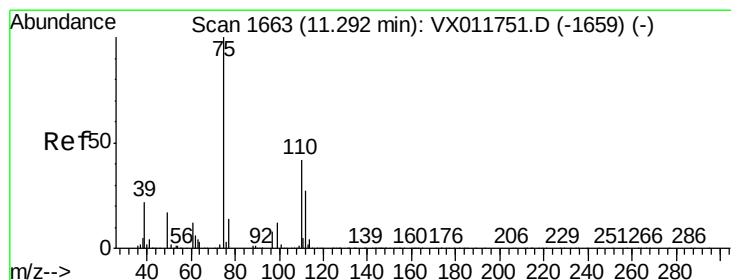
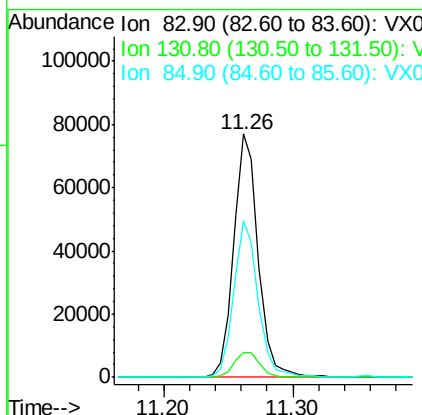
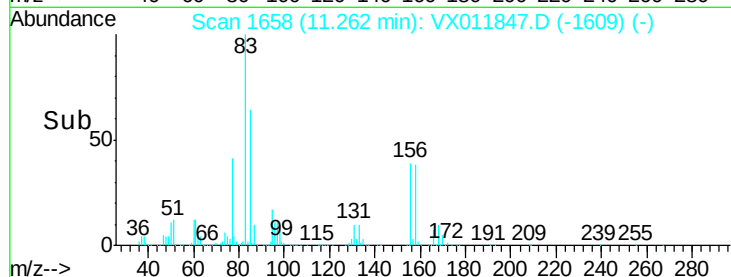
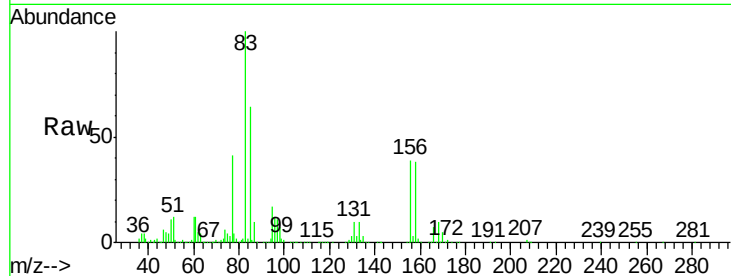
ClientSampleId :

VX0827WBSD01

Tot Ion:	83	Resp:	101117
Ion Ratio		Lower	Upper
83	100		
131	11.1	6.1	18.3
85	64.0	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.200 ug/l m

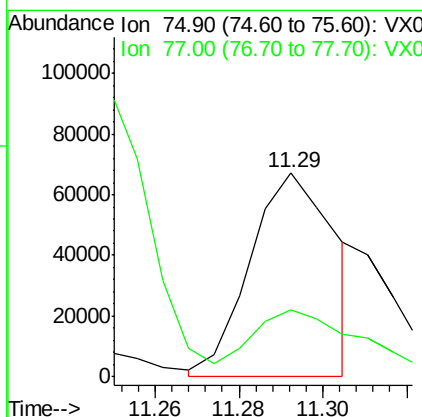
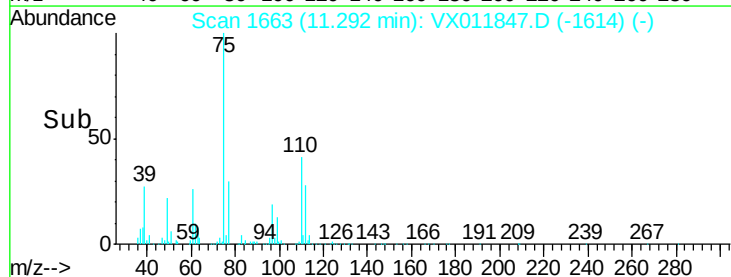
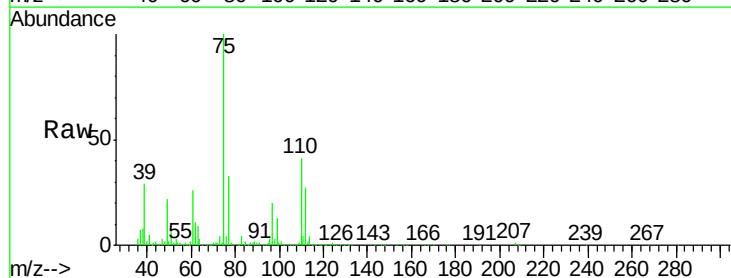
RT: 11.29 min Scan# 1663

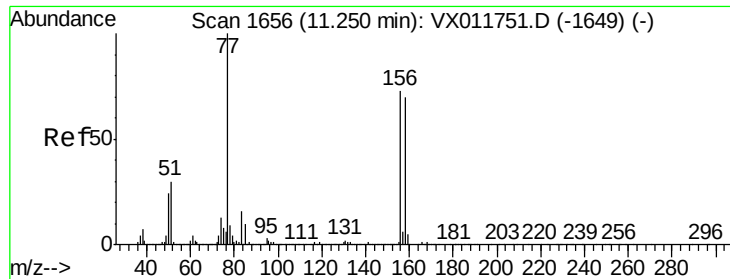
Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	75	Resp:	94116
Ion Ratio		Lower	Upper
75	100		
77	42.0	21.1	63.3





#77

Bromobenzene

Concen: 19.850 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

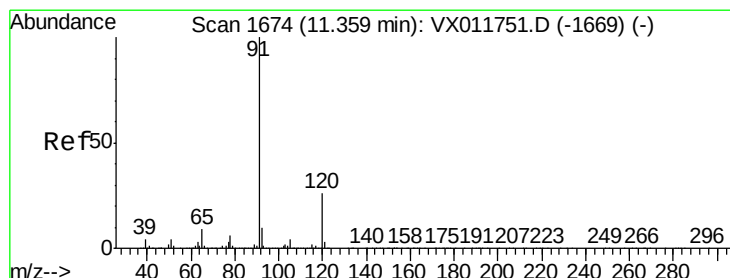
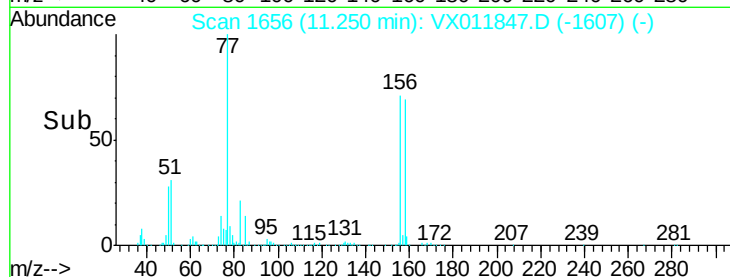
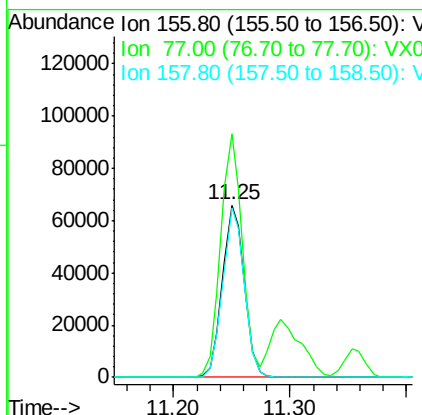
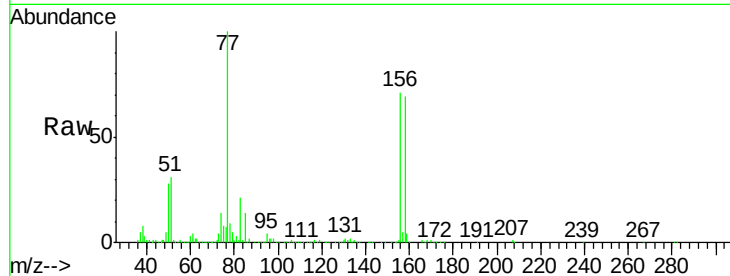
ClientSampleId :

VX0827WBSD01

Tot Ion:	156	Resp:	85204
Ion Ratio	Lower	Upper	
156	100		
77	139.1	65.3	196.0
158	96.9	48.4	145.0

Manual Integrations
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8/28/2019 11:44:47 AM



#78

n-propylbenzene

Concen: 21.317 ug/l

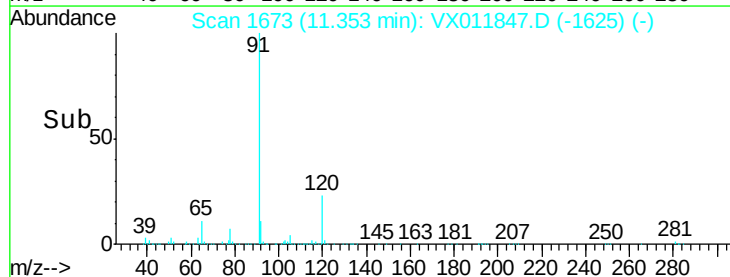
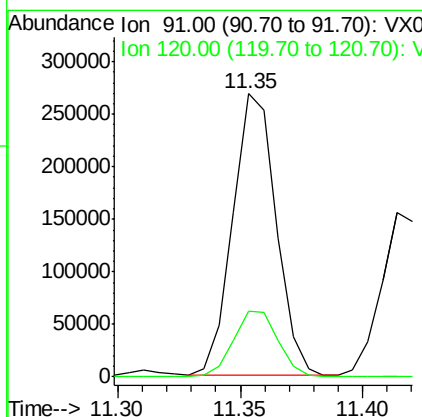
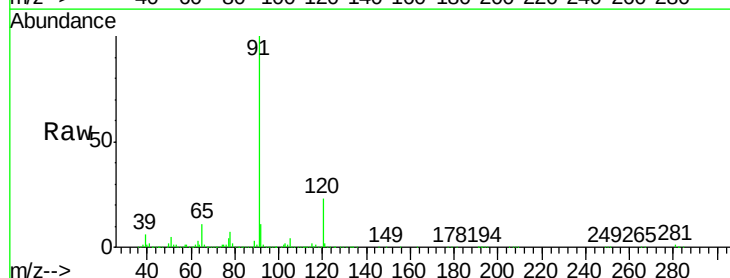
RT: 11.35 min Scan# 1673

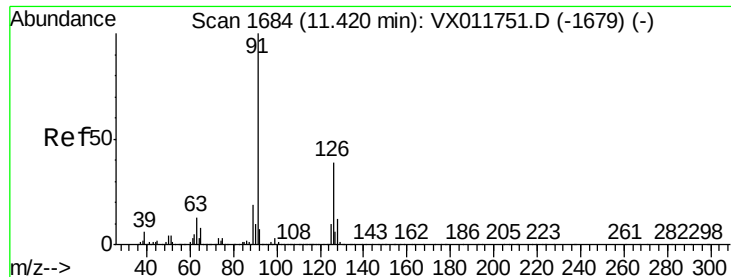
Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	91	Resp:	331870
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.7	38.1





#79

2-Chlorotoluene

Concen: 20.577 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 91 Resp: 199301

Ion Ratio Lower Upper

91 100

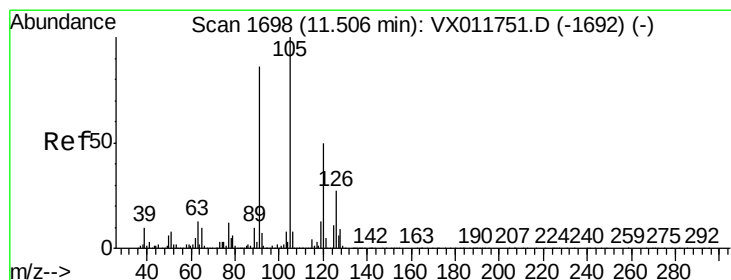
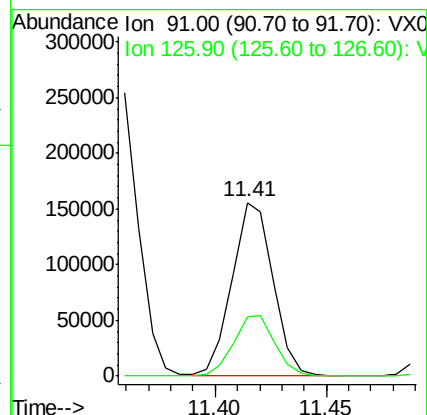
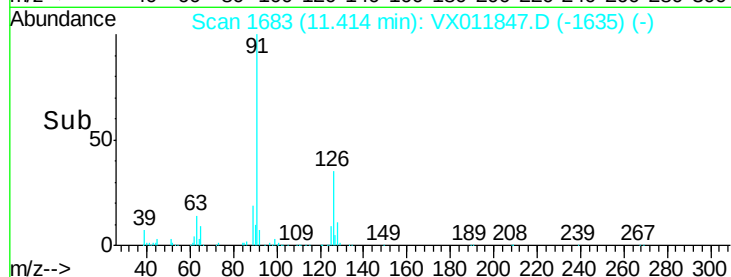
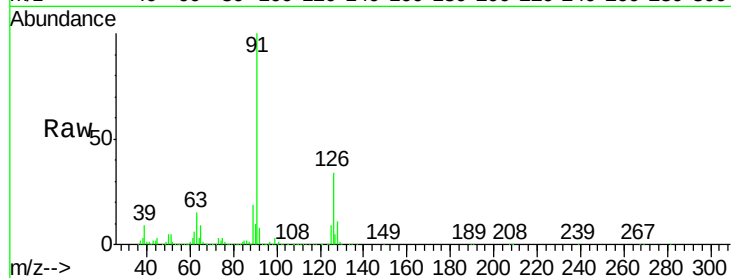
126 35.5 18.6 55.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.939 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011847.D

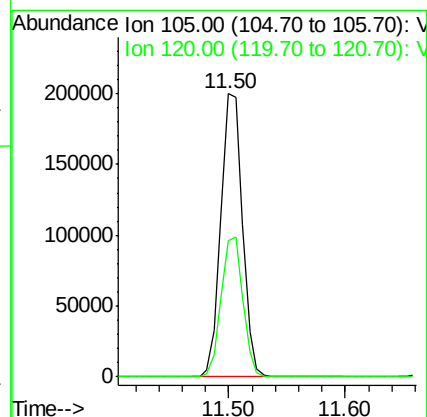
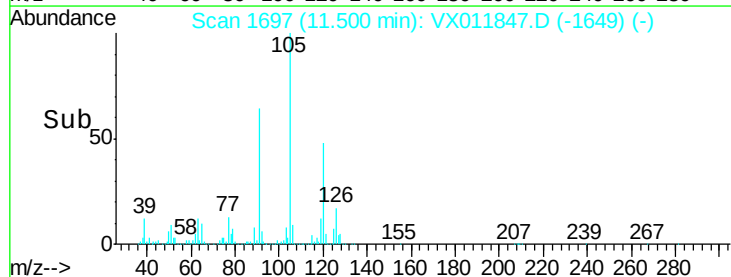
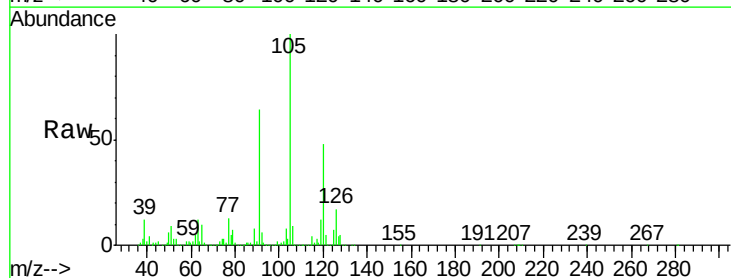
Acq: 27 Aug 2019 14:06

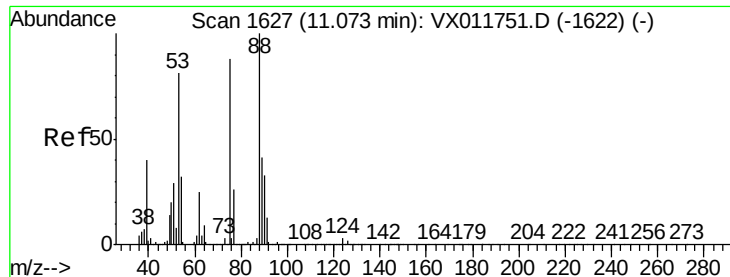
Tgt Ion: 105 Resp: 254369

Ion Ratio Lower Upper

105 100

120 50.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 26.610 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

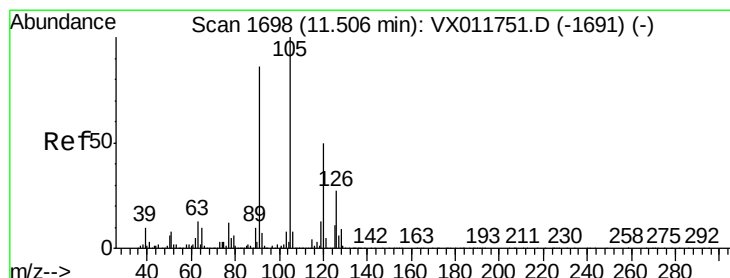
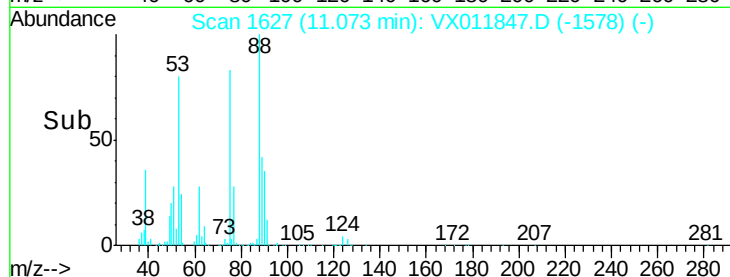
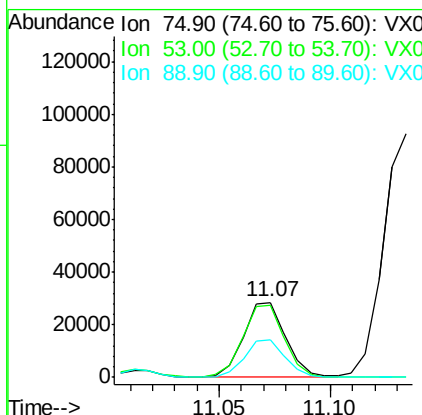
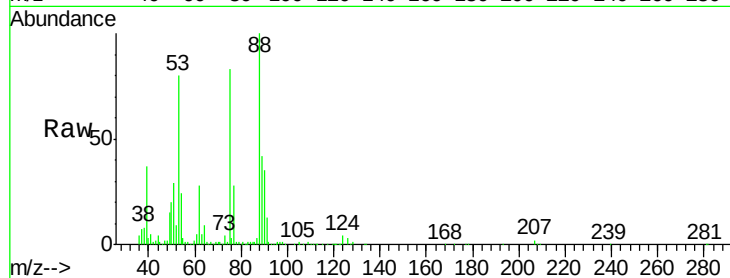
ClientSampleId :

VX0827WBSD01

Tot Ion:	75	Resp:	37406
Ion	Ratio	Lower	Upper
75	100		
53	95.4	77.1	115.7
89	48.5	38.5	57.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.604 ug/l

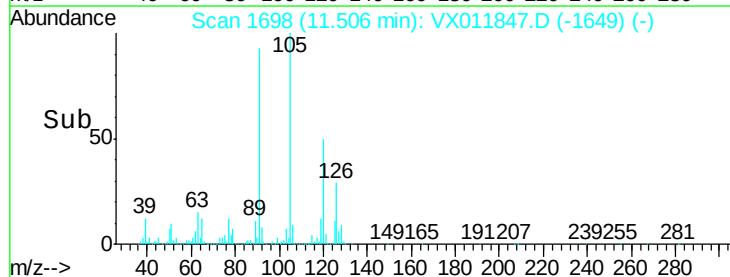
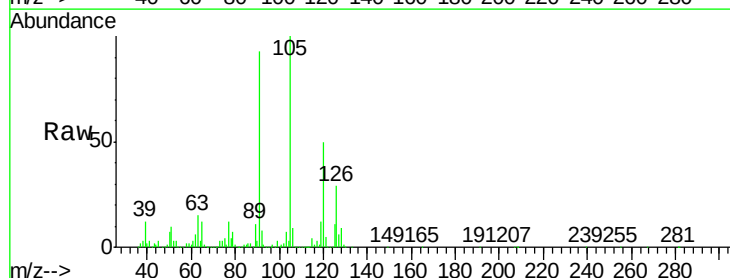
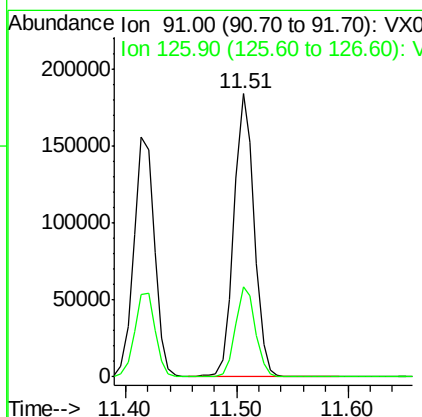
RT: 11.51 min Scan# 1698

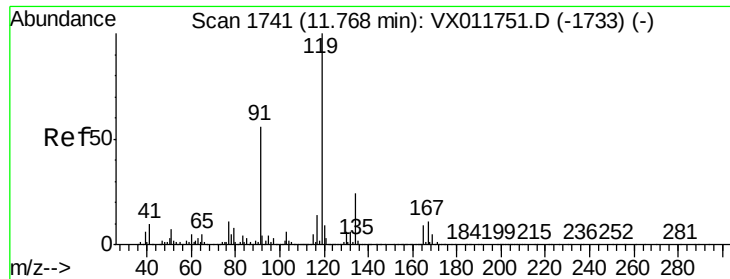
Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	91	Resp:	230034
Ion	Ratio	Lower	Upper
91	100		
126	31.3	16.2	48.6





#83

tert-Butylbenzene

Concen: 21.787 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

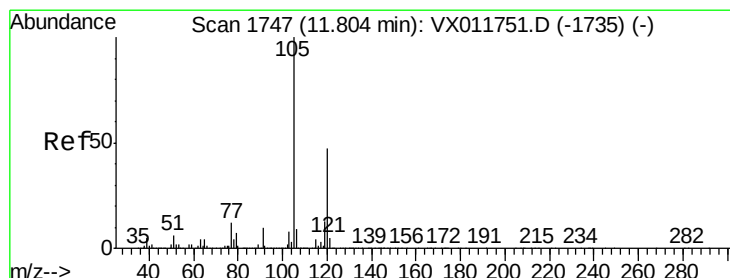
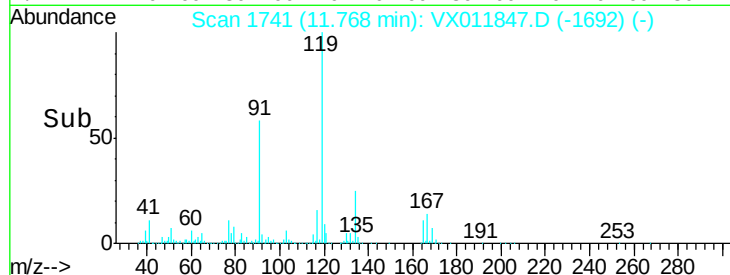
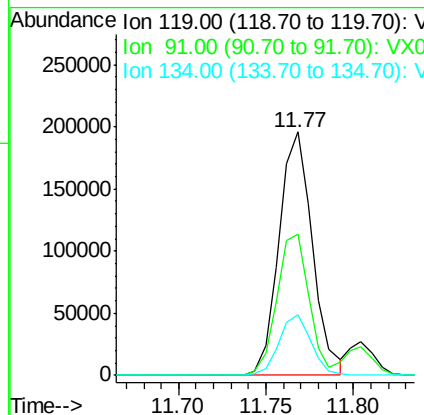
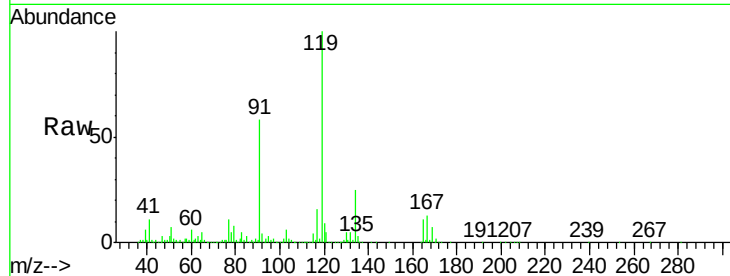
ClientSampleId :

VX0827WBSD01

Tot Ion:	119	Resp:	261124
Ion Ratio	Lower	Upper	
119	100		
91	55.6	27.7	83.1
134	24.0	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.757 ug/l

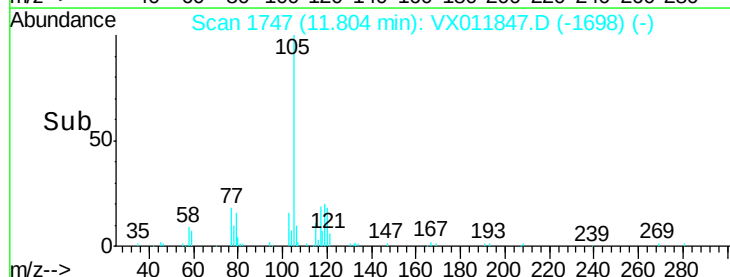
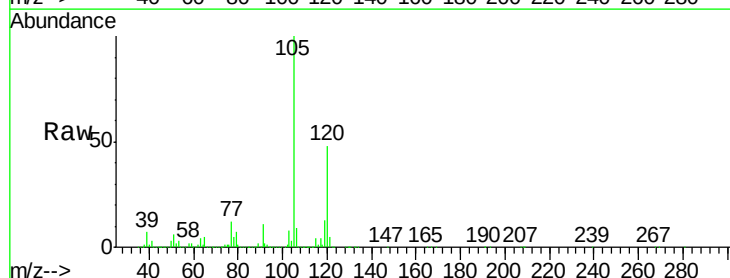
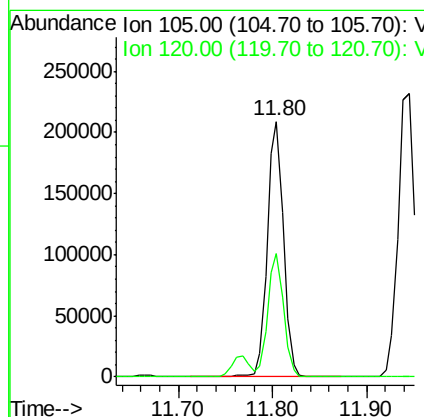
RT: 11.80 min Scan# 1747

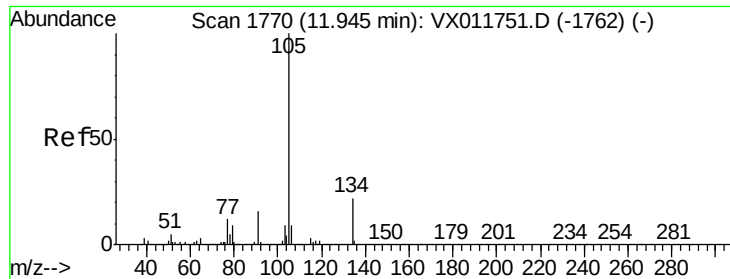
Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	105	Resp:	254643
Ion Ratio	Lower	Upper	
105	100		
120	47.0	23.7	71.1





#85

sec-Butylbenzene

Concen: 21.212 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion:105 Resp: 290821

Ion Ratio Lower Upper

105 100

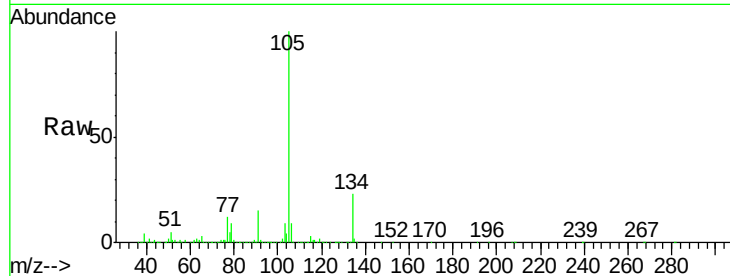
134 22.0 10.8 32.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

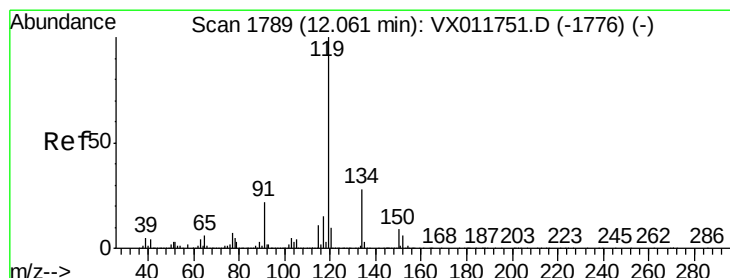
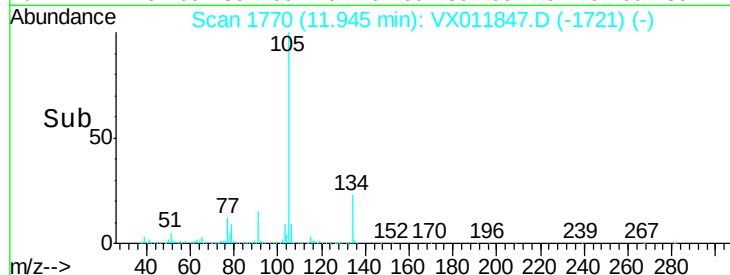
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.939 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

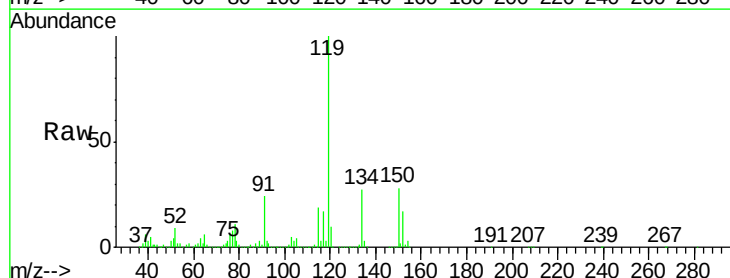
Tgt Ion:119 Resp: 276207

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

91 23.6 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

300000

250000

200000

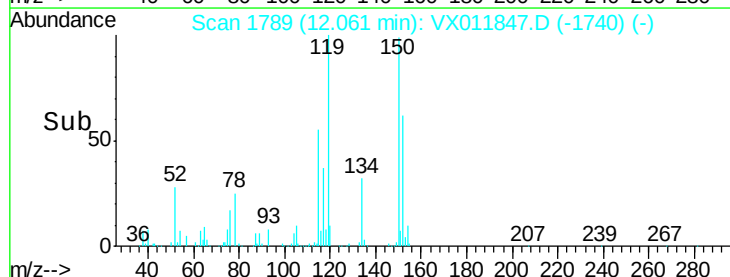
150000

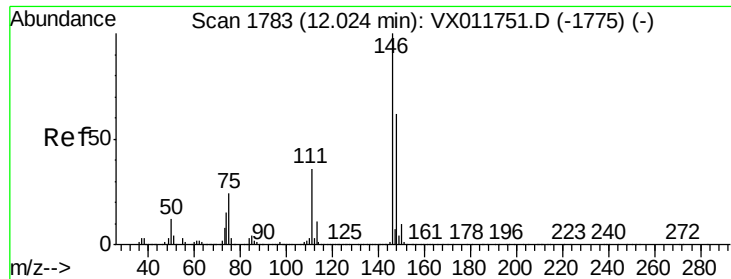
100000

50000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.410 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

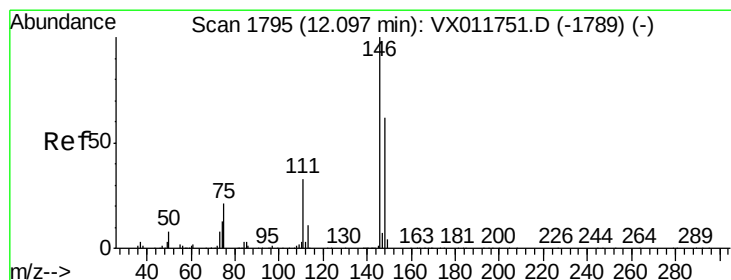
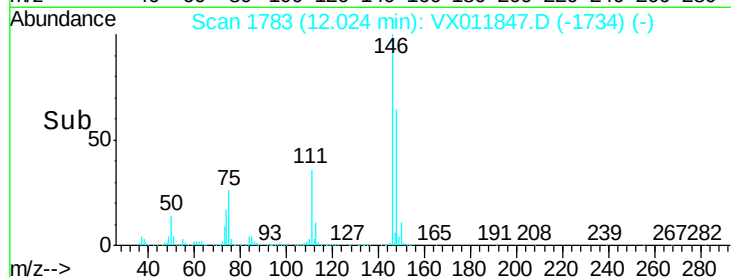
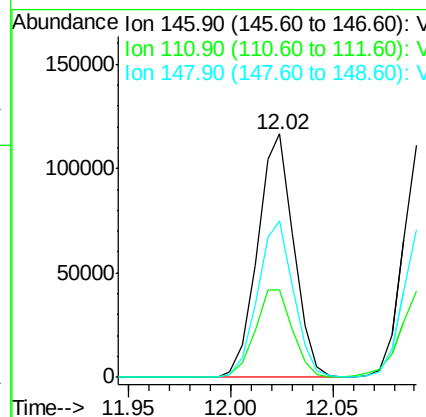
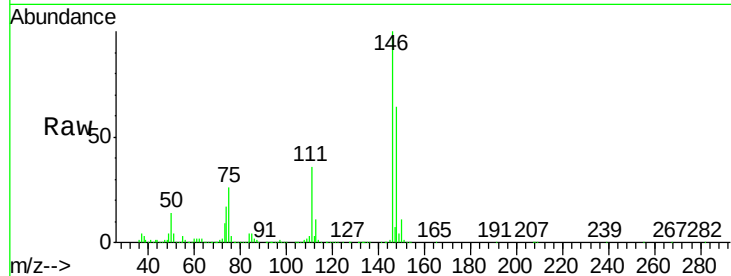
ClientSampleId :

VX0827WBSD01

Tot Ion:	146	Resp:	143467
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.1	54.4
148	64.2	31.6	94.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.989 ug/l

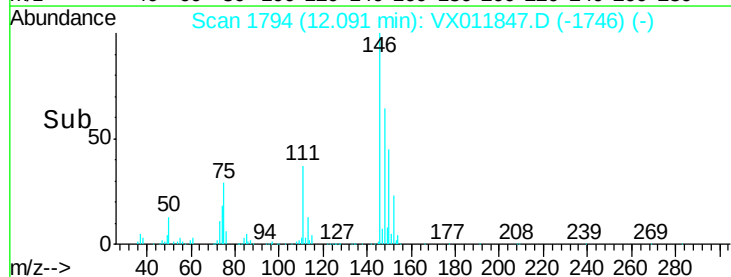
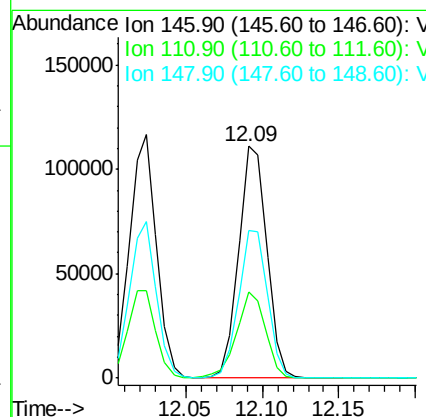
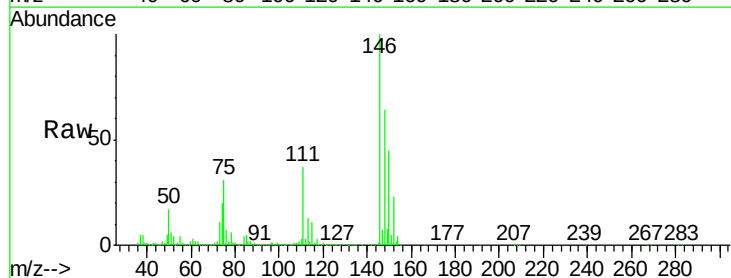
RT: 12.09 min Scan# 1794

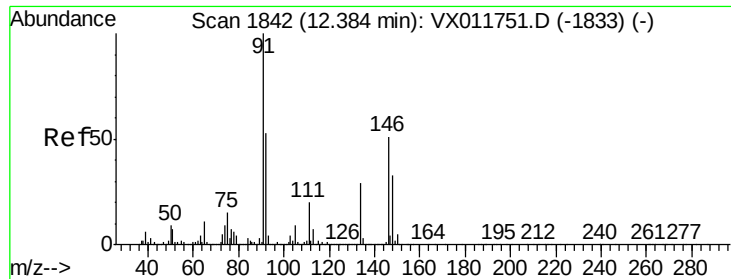
Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	146	Resp:	142005
Ion Ratio	Lower	Upper	
146	100		
111	38.0	17.8	53.4
148	65.1	31.9	95.7





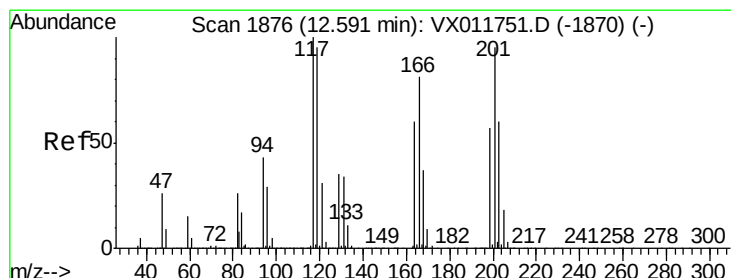
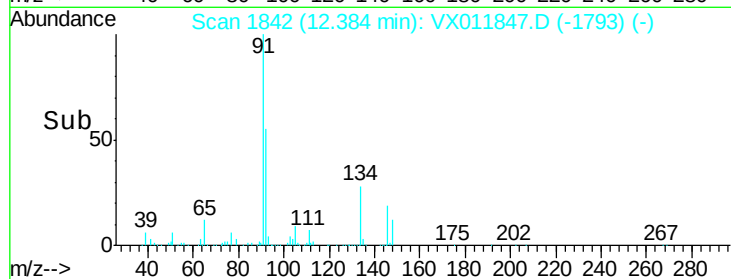
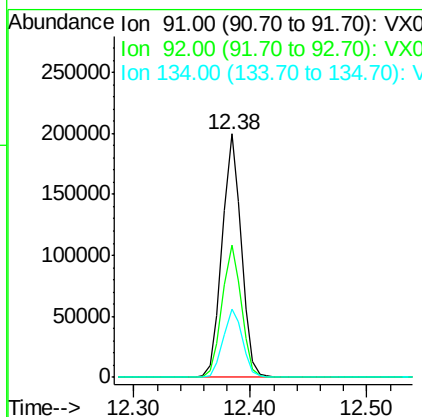
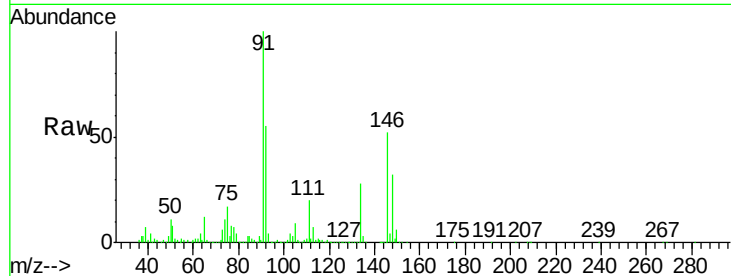
#89
n-Butylbenzene
Concen: 20.601 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	224961		
92	54.9	26.7	80.0	
134	28.6	14.6	43.8	

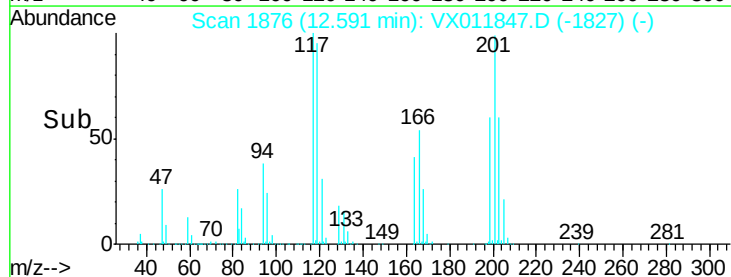
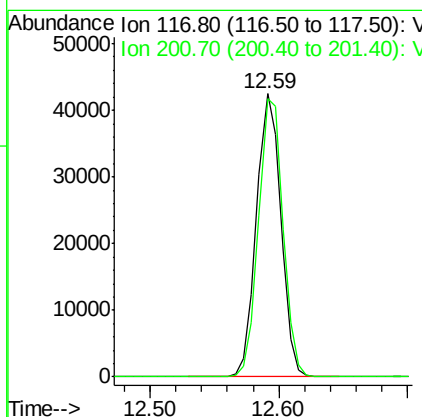
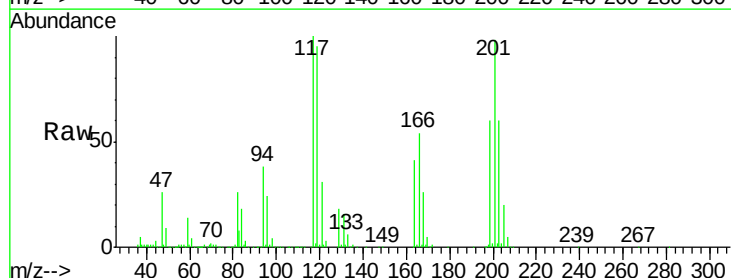
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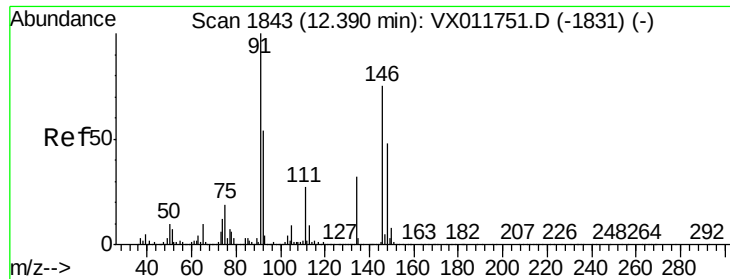
MMDadoda
8/28/2019 11:44:47 AM



#90
Hexachloroethane
Concen: 26.977 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	55286		
201	98.5	49.6	149.0	





#91

1,2-Dichlorobenzene

Concen: 19.042 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

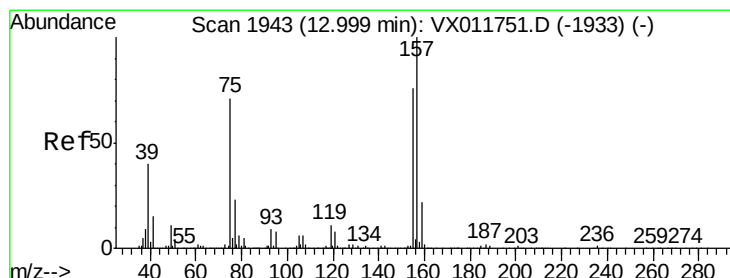
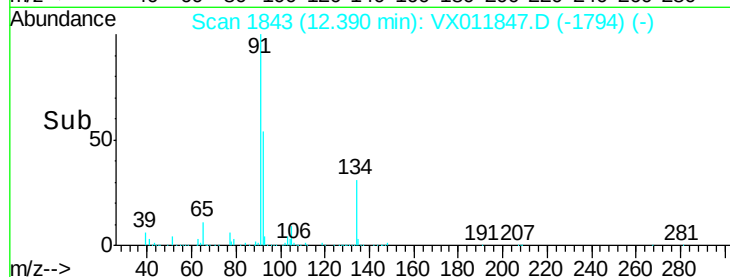
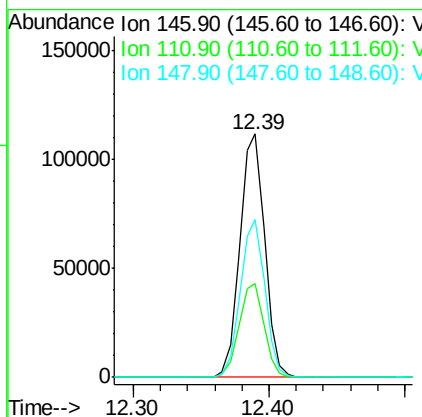
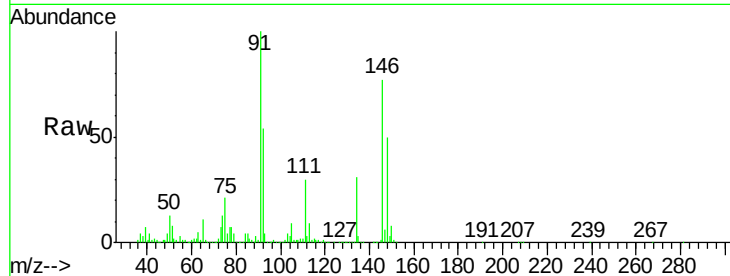
ClientSampleId :

VX0827WBSD01

Tot Ion:	146	Resp:	141965
Ion Ratio	Lower	Upper	
146	100		
111	38.7	18.8	56.4
148	64.2	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 24.344 ug/l

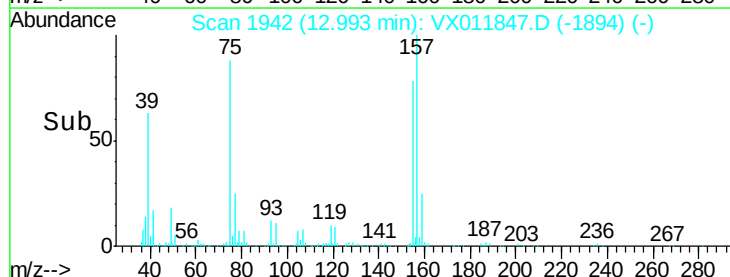
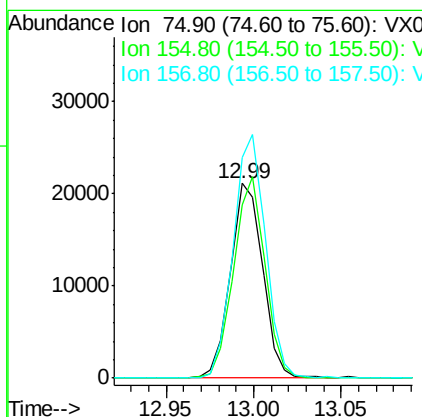
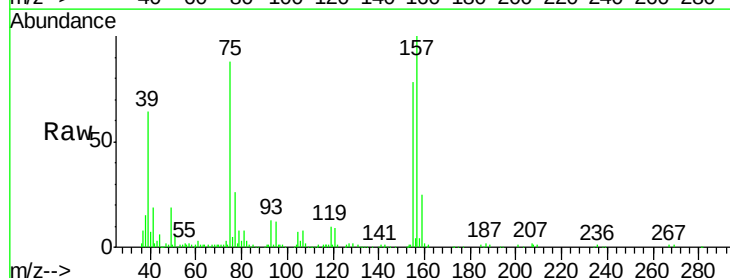
RT: 12.99 min Scan# 1942

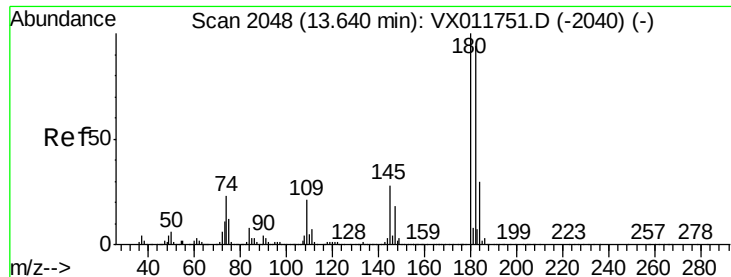
Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	75	Resp:	27271
Ion Ratio	Lower	Upper	
75	100		
155	100.4	52.6	157.9
157	124.4	68.3	204.9





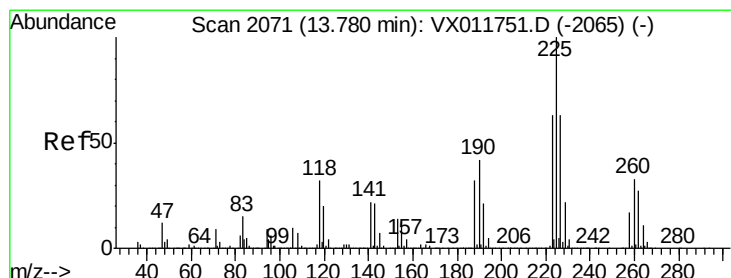
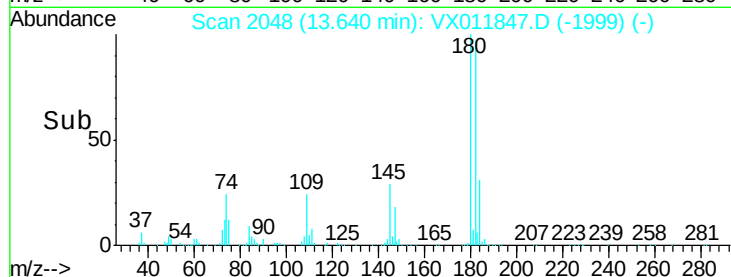
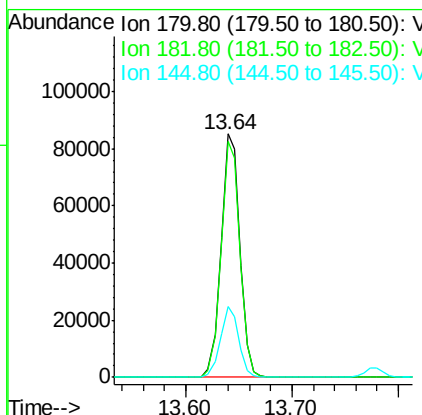
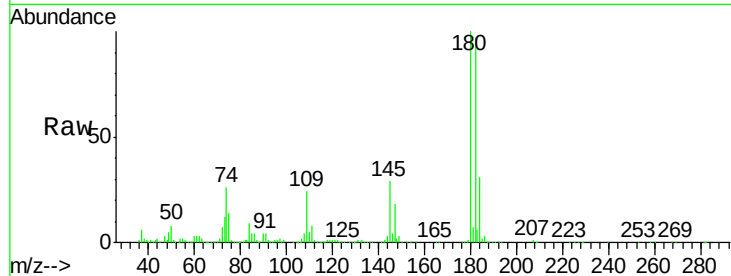
#93
 1,2,4-Trichlorobenzene
 Concen: 19.085 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	104661		
182	97.0	47.8	143.4	
145	28.4	14.1	42.3	

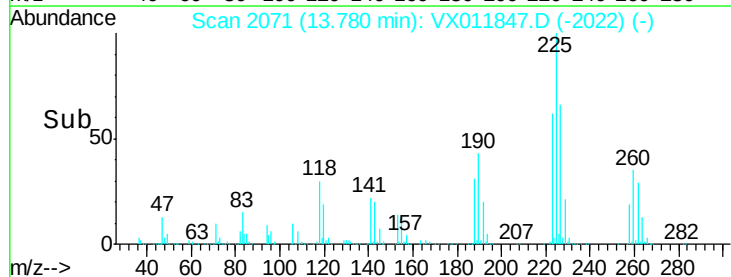
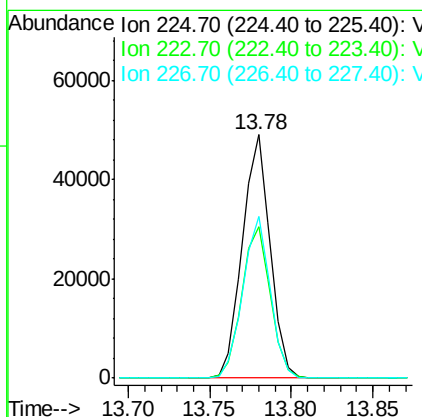
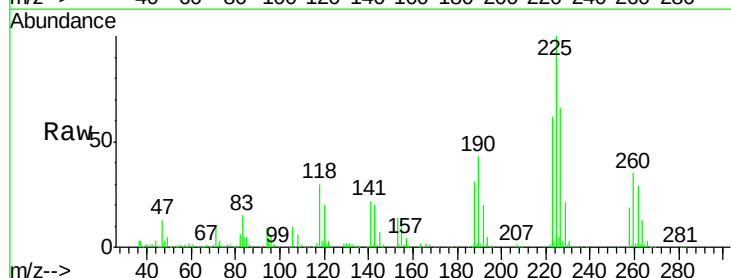
Manual Integrations
 APPROVED

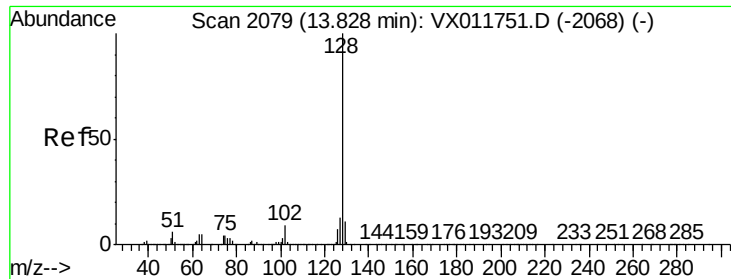
MMDadoda
 8/28/2019 11:44:47 AM



#94
 Hexachlorobutadiene
 Concen: 19.429 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58383		
223	63.7	31.0	93.0	
227	65.5	31.8	95.3	





#95

Naphthalene

Concen: 20.668 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

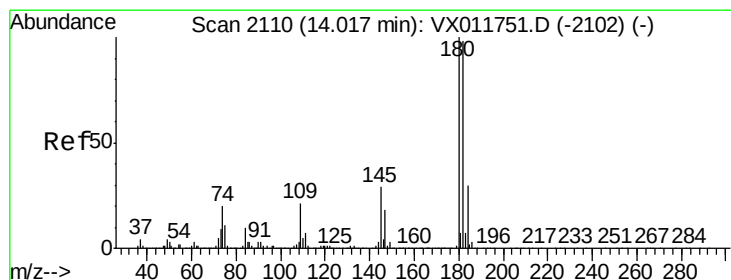
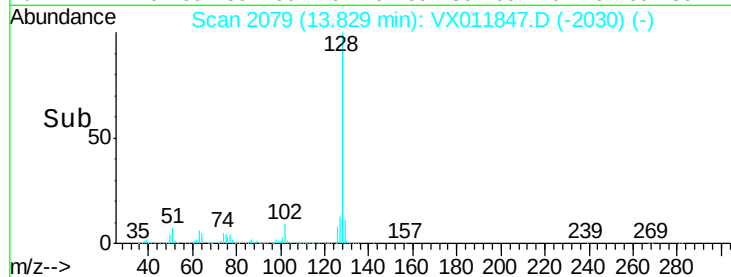
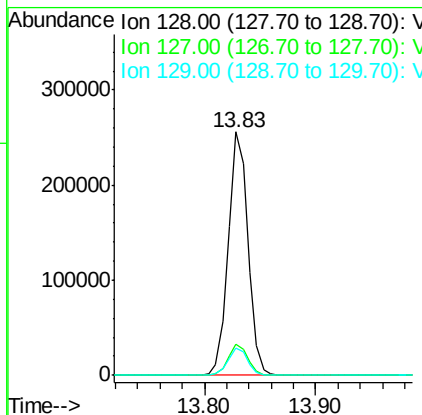
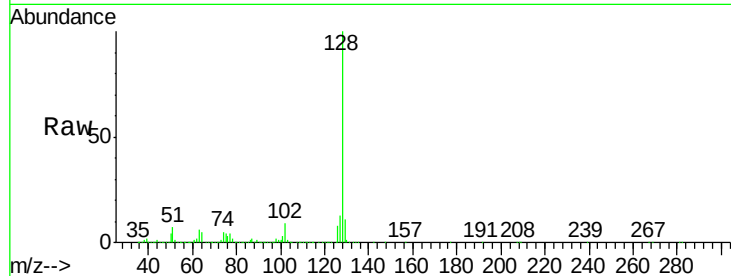
ClientSampled :

VX0827WBSD01

Tot Ion:	128	Resp:	312168
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/28/2019 11:44:47 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.453 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion:	180	Resp:	107115
Ion Ratio	Lower	Upper	
180	100		
182	96.5	48.5	145.5
145	29.9	14.6	43.8

