

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011845.D
 Acq On : 27 Aug 2019 13:19
 Operator : JC/SP
 Sample : VX0827WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2019 11:44:38 AM

Quant Time: Aug 28 03:36:22 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	355625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	510375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	456361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	236279	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	196223	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
35) Dibromofluoromethane	5.49	113	164518	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	8.71	98	594661	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.13	95	224197	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	66797	20.126	ug/l	98
3) Chloromethane	1.32	50	63544	21.831	ug/l	100
4) Vinyl Chloride	1.40	62	60157	20.675	ug/l	100
5) Bromomethane	1.64	94	34283	21.388	ug/l	97
6) Chloroethane	1.71	64	33335	19.595	ug/l	99
7) Trichlorofluoromethane	1.92	101	92297	19.924	ug/l	100
8) Diethyl Ether	2.18	74	30259	19.210	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55902	19.501	ug/l	99
10) Methyl Iodide	2.50	142	65797	18.792	ug/l	98
11) Tert butyl alcohol	3.03	59	93484	132.426	ug/l	99
12) 1,1-Dichloroethene	2.37	96	54873	19.631	ug/l	89
13) Acrolein	2.29	56	32287	118.318	ug/l	93
14) Allyl chloride	2.72	41	112345	25.715	ug/l	98
15) Acrylonitrile	3.14	53	184705	114.392	ug/l	99
16) Acetone	2.43	43	165278	106.354	ug/l	99
17) Carbon Disulfide	2.56	76	155346	21.981	ug/l	100
18) Methyl Acetate	2.76	43	108977	25.843	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	201173	22.437	ug/l	97
20) Methylene Chloride	2.85	84	61434	19.336	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	58375	19.362	ug/l	92
22) Diisopropyl ether	3.85	45	206615	24.389	ug/l	95
23) Vinyl Acetate	3.81	43	881866	125.726	ug/l	97
24) 1,1-Dichloroethane	3.69	63	108466	21.685	ug/l	98
25) 2-Butanone	4.66	43	272366	122.103	ug/l	96
26) 2,2-Dichloropropane	4.57	77	97786	23.021	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	68014	19.672	ug/l	93
28) Bromochloromethane	5.01	49	59465	26.190	ug/l	87
29) Tetrahydrofuran	5.12	42	174587	122.099	ug/l	95
30) Chloroform	5.20	83	110173	20.302	ug/l	100
31) Cyclohexane	5.57	56	99309	22.607	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	103516	21.944	ug/l	96
36) 1,1-Dichloropropene	5.79	75	79485	19.860	ug/l	99
37) Ethyl Acetate	4.82	43	102994	24.318	ug/l	98
38) Carbon Tetrachloride	5.77	117	95145	20.977	ug/l	99

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99174	19.997	ug/l	93
40) Benzene	6.13	78	240809	19.450	ug/l	96
41) Methacrylonitrile	5.03	41	56970	23.128	ug/l	95
42) 1,2-Dichloroethane	6.18	62	89839	19.850	ug/l	100
43) Isopropyl Acetate	6.44	43	168484	24.578	ug/l	99
44) Trichloroethene	7.21	130	71007	18.605	ug/l	98
45) 1,2-Dichloropropane	7.51	63	63513	20.409	ug/l	100
46) Dibromomethane	7.66	93	43773	19.079	ug/l	96
47) Bromodichloromethane	7.89	83	91504	22.155	ug/l	95
48) Methyl methacrylate	7.76	41	81740	23.960	ug/l	94
49) 1,4-Dioxane	7.74	88	36174	382.700	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	515749	114.180	ug/l	98
52) Toluene	8.78	92	153327	19.138	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	101674	23.450	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	108204	22.877	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	62997	18.873	ug/l	99
56) Ethyl methacrylate	9.17	69	106550	22.445	ug/l	91
57) 1,3-Dichloropropane	9.37	76	105211	19.520	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	295915	118.501	ug/l	99
59) 2-Hexanone	9.49	43	401332	115.761	ug/l	98
60) Dibromochloromethane	9.58	129	78167	21.659	ug/l	98
61) 1,2-Dibromoethane	9.67	107	68961	19.254	ug/l	98
64) Tetrachloroethene	9.34	164	68338	18.770	ug/l	99
65) Chlorobenzene	10.13	112	166548	18.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	69058	20.687	ug/l	99
67) Ethyl Benzene	10.25	91	294824	19.801	ug/l	99
68) m/p-Xylenes	10.35	106	224790	39.155	ug/l	99
69) o-Xylene	10.69	106	111844	19.842	ug/l	98
70) Styrene	10.71	104	187183	19.851	ug/l	98
71) Bromoform	10.85	173	68051	23.631	ug/l #	97
73) Isopropylbenzene	11.01	105	295144	20.728	ug/l	99
74) N-amyl acetate	10.89	43	144100	26.140	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	99206	21.049	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	92132m	22.222	ug/l	
77) Bromobenzene	11.25	156	81154	19.333	ug/l	94
78) n-propylbenzene	11.35	91	321205	21.097	ug/l	98
79) 2-Chlorotoluene	11.41	91	195729	20.663	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	245865	20.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37619	27.364	ug/l	100
82) 4-Chlorotoluene	11.51	91	224251	20.539	ug/l	98
83) tert-Butylbenzene	11.77	119	253996	21.669	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	248936	20.749	ug/l	99
85) sec-Butylbenzene	11.94	105	284486	21.217	ug/l	99
86) p-Isopropyltoluene	12.06	119	265749	20.600	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	138570	19.169	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	137499	18.800	ug/l	97
89) n-Butylbenzene	12.38	91	217732	20.388	ug/l	98
90) Hexachloroethane	12.59	117	53992	26.939	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	140178	19.226	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26634	24.311	ug/l	92

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ClientSampleId :
VX0827WBS01

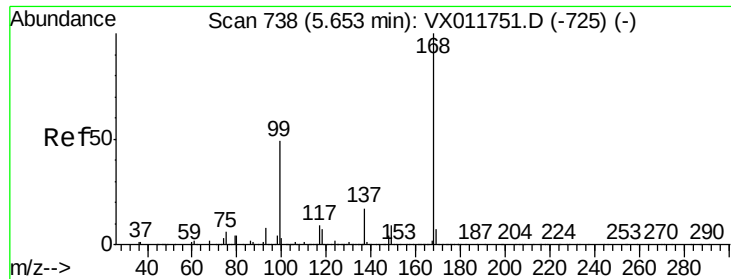
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QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102471	19.107	ug/l	99
94) Hexachlorobutadiene	13.78	225	57066	19.418	ug/l	99
95) Naphthalene	13.83	128	303960	20.578	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103597	19.238	ug/l	98

(#) = 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: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBS01

Tot Ion:168 Resp: 355625

Ion Ratio Lower Upper

168 100

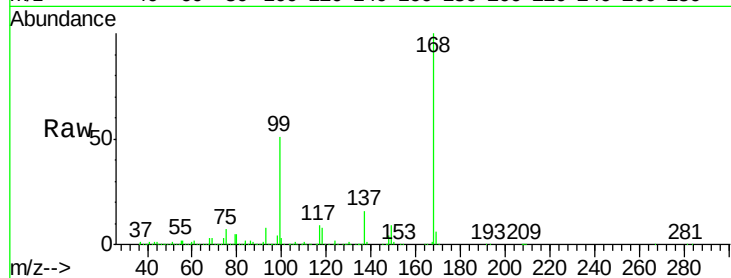
99 50.4 39.4 59.2

Manual Integrations

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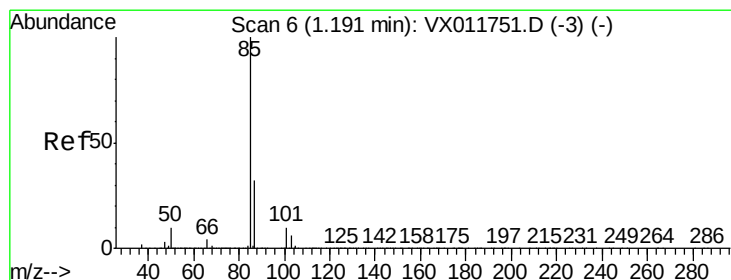
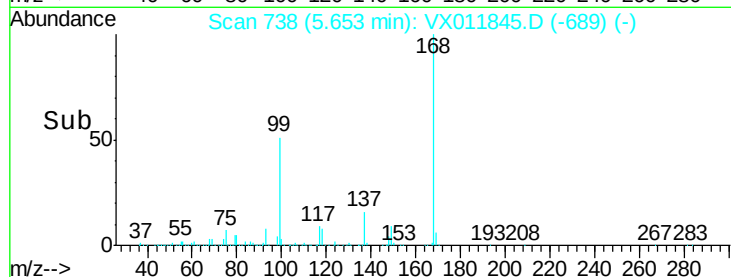
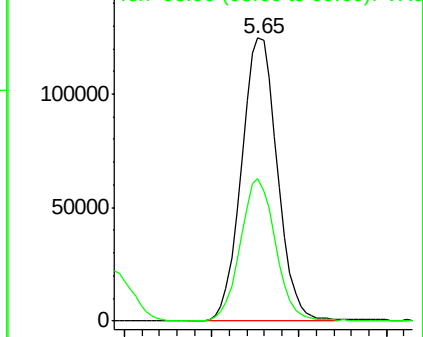
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.126 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011845.D

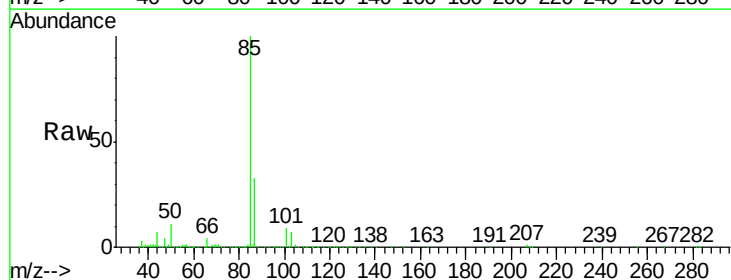
Acq: 27 Aug 2019 13:19

Tgt Ion: 85 Resp: 66797

Ion Ratio Lower Upper

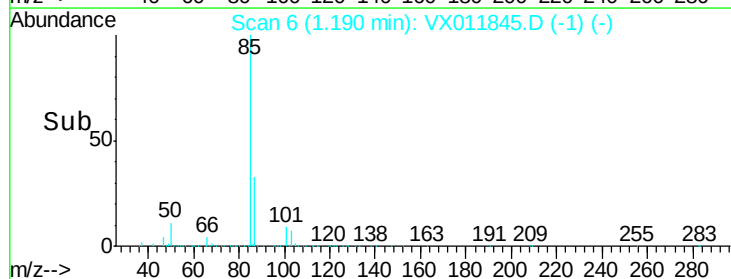
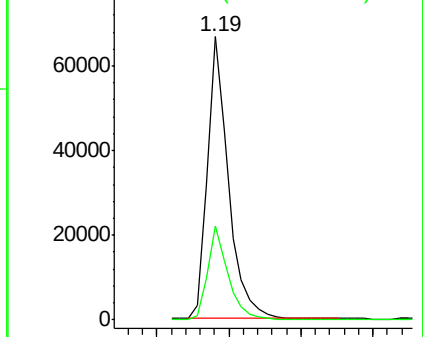
85 100

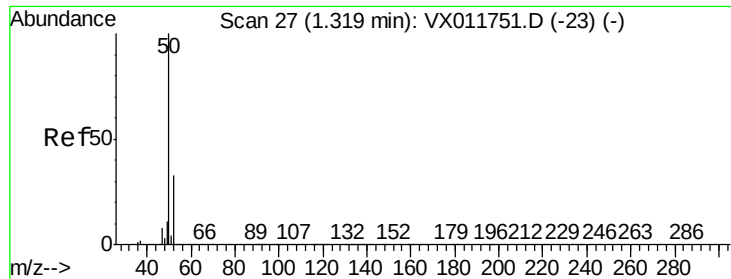
87 33.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.831 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBS01

Tot Ion: 50 Resp: 63544

Ion Ratio Lower Upper

50 100

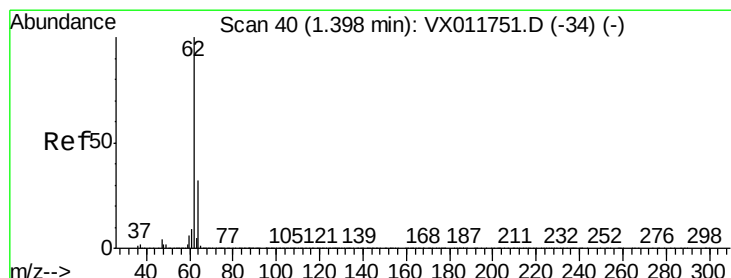
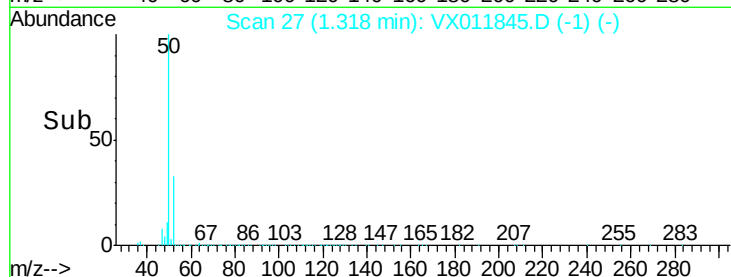
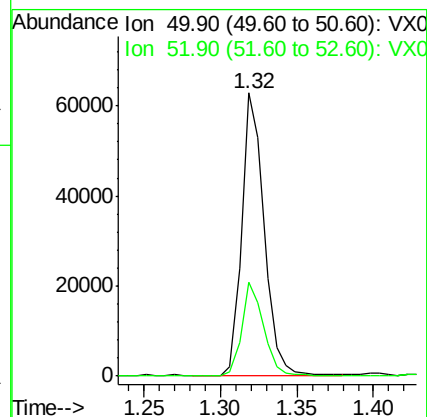
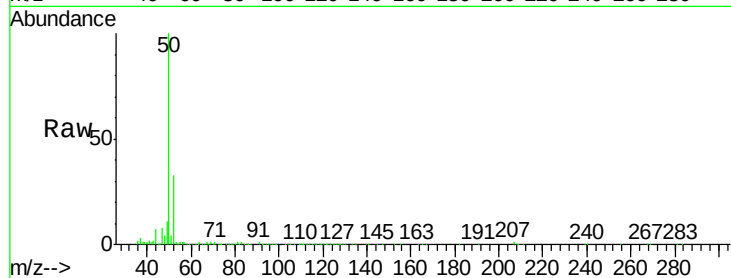
52 33.1 26.6 39.8

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#4

Vinyl Chloride

Concen: 20.675 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011845.D

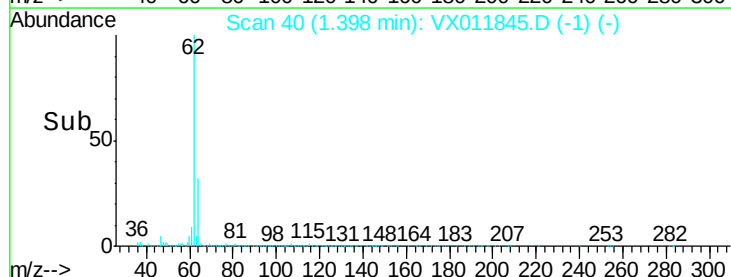
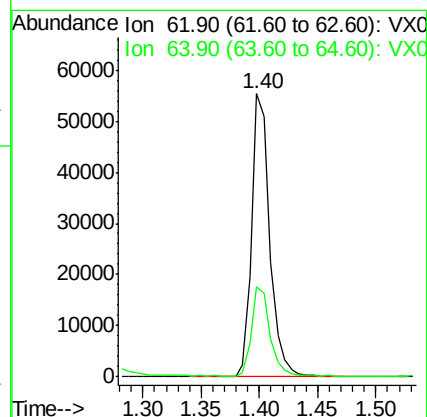
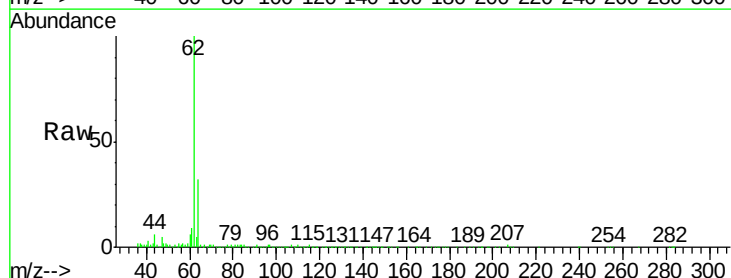
Acq: 27 Aug 2019 13:19

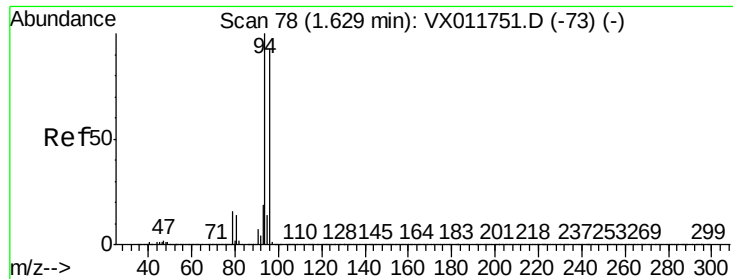
Tgt Ion: 62 Resp: 60157

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 21.388 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBS01

Tot Ion: 94 Resp: 34283

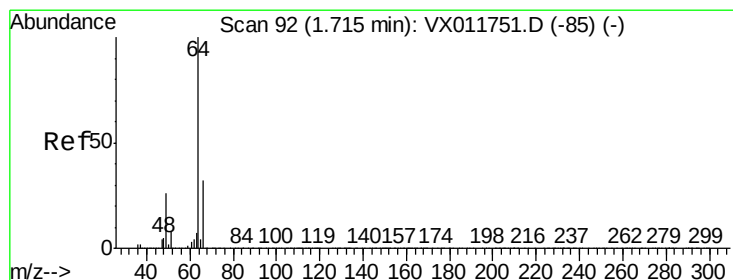
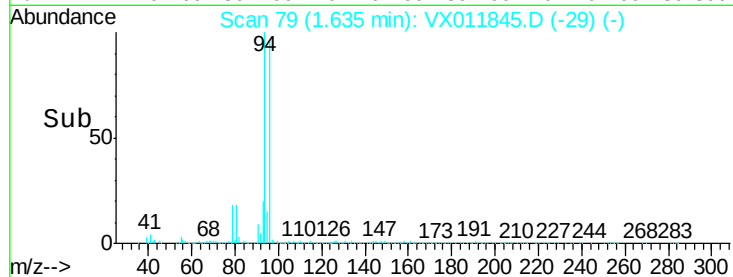
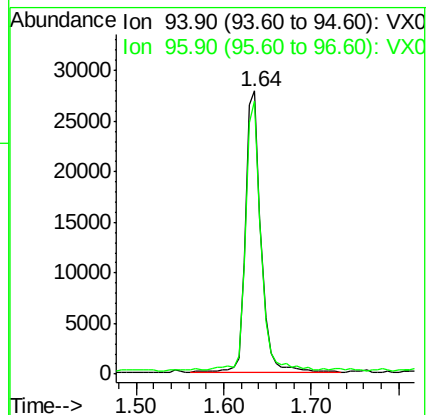
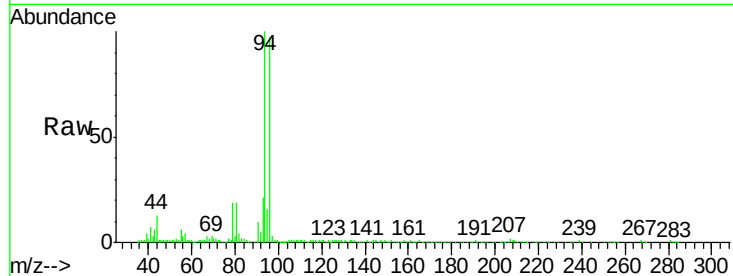
Ion Ratio Lower Upper

94 100

96 95.9 74.1 111.1

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#6

Chloroethane

Concen: 19.595 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011845.D

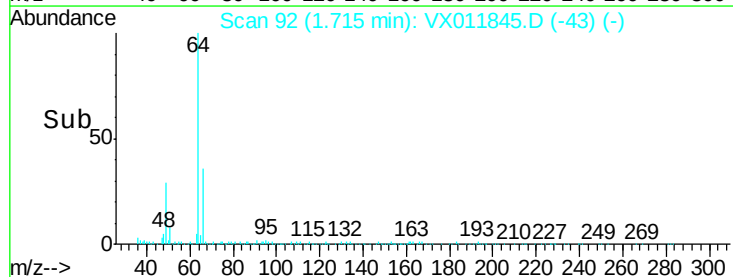
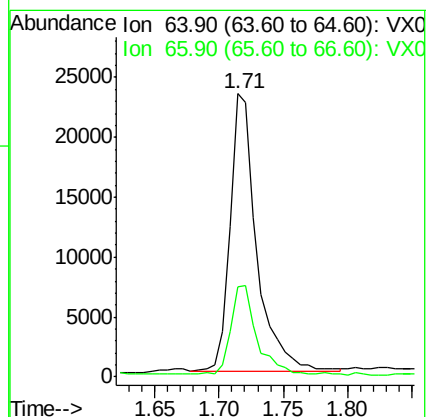
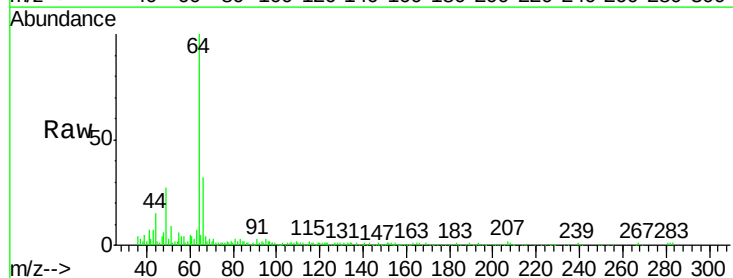
Acq: 27 Aug 2019 13:19

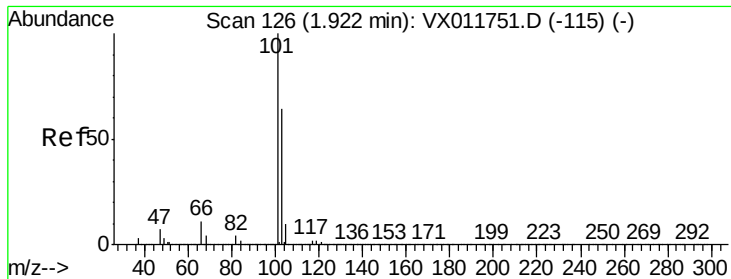
Tgt Ion: 64 Resp: 33335

Ion Ratio Lower Upper

64 100

66 31.5 24.9 37.3





#7

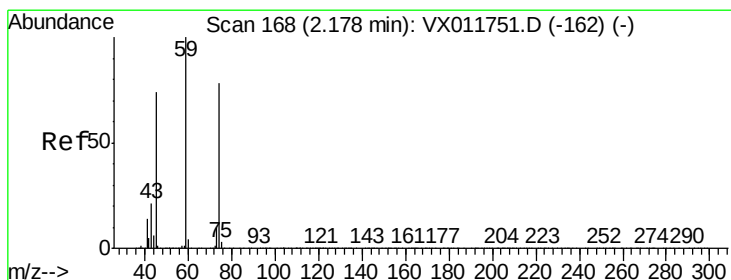
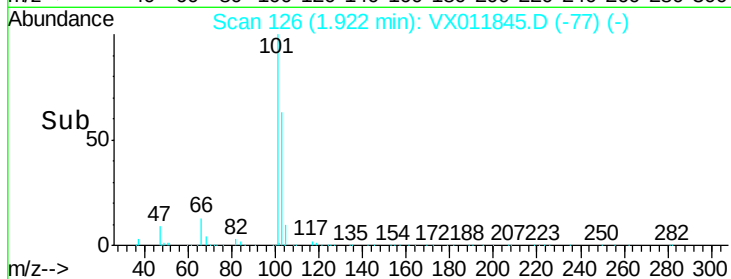
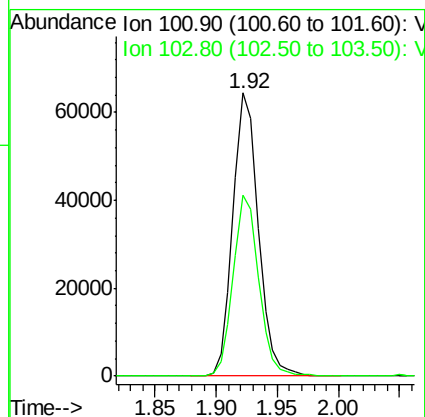
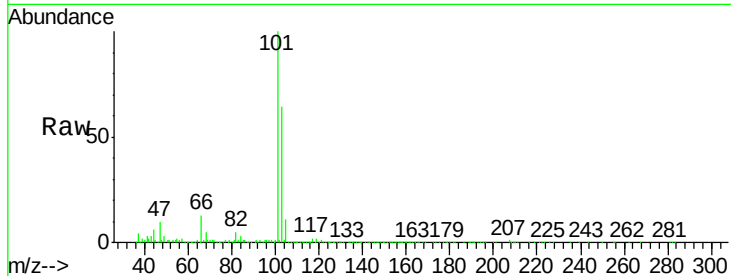
Trichlorofluoromethane
Concen: 19.924 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

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ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.2	76.8

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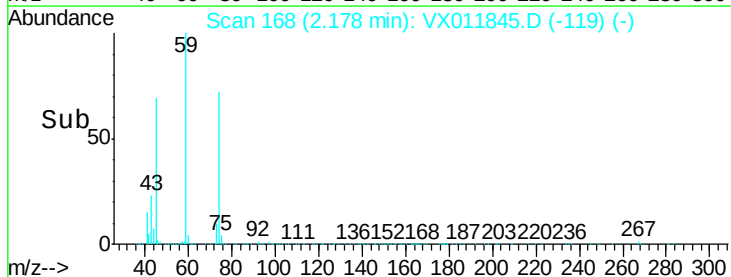
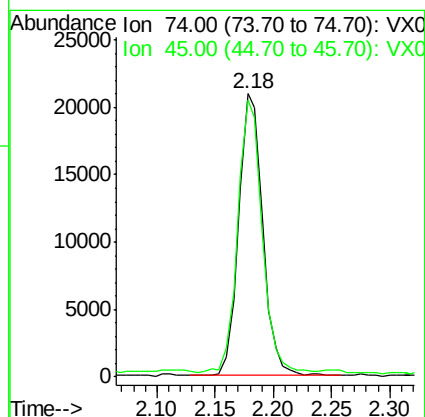
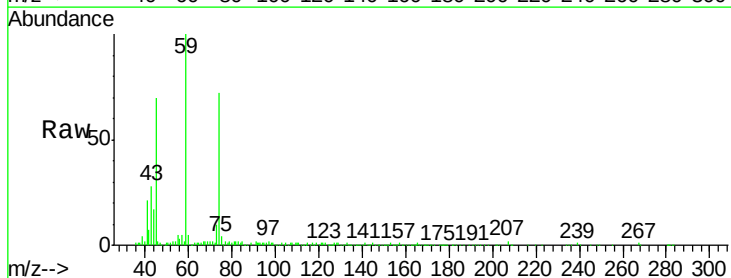
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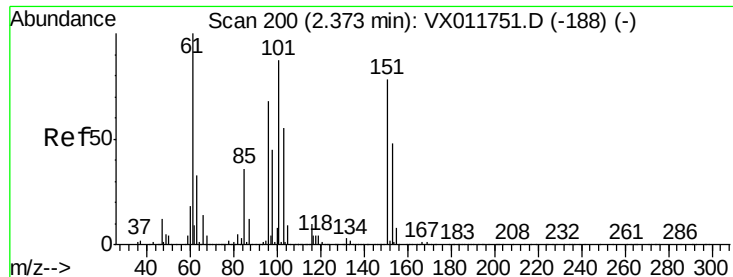


#8

Diethyl Ether
Concen: 19.210 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	46.7	140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.501 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

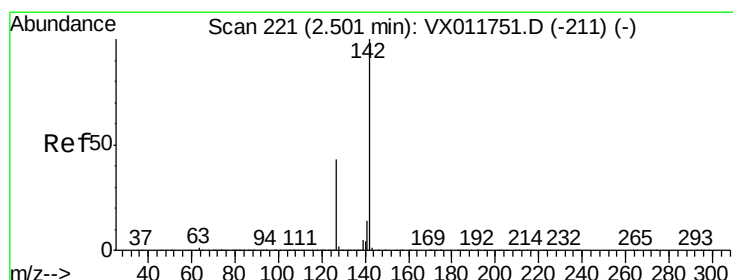
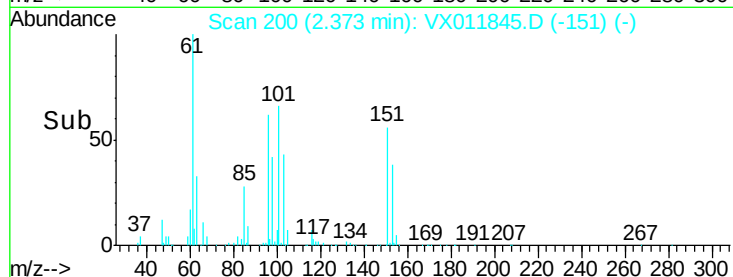
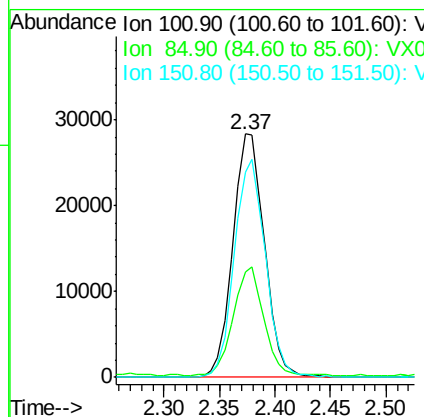
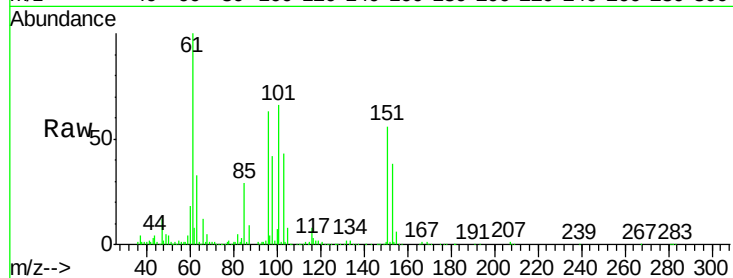
ClientSampleId :

VX0827WBS01

Tot Ion:	101	Resp:	55902
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.7	50.5
151	88.1	71.4	107.2

Manual Integrations
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#10

Methyl Iodide

Concen: 18.792 ug/l

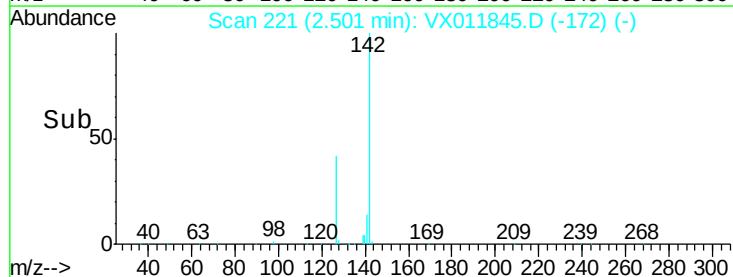
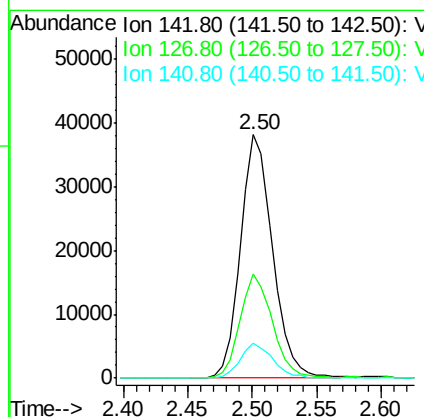
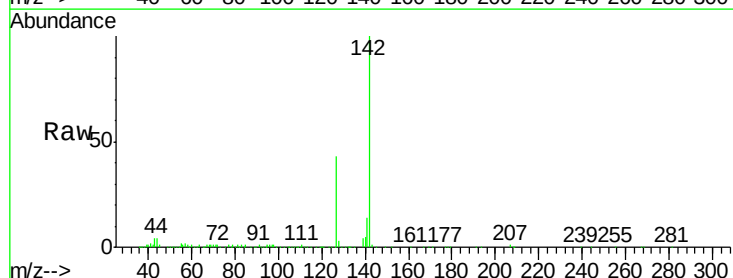
RT: 2.50 min Scan# 221

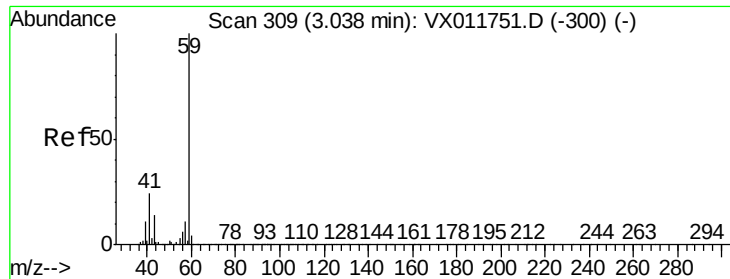
Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Tgt Ion:	142	Resp:	65797
Ion Ratio	Lower	Upper	
142	100		
127	43.4	33.5	50.3
141	14.7	11.4	17.2





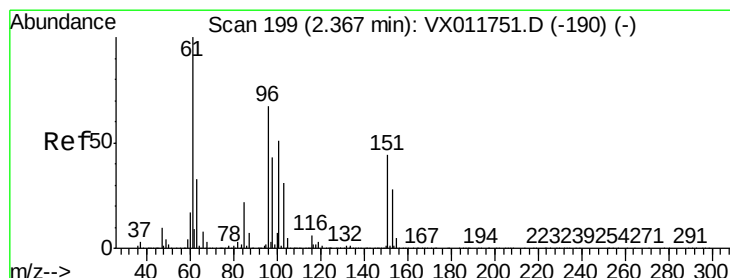
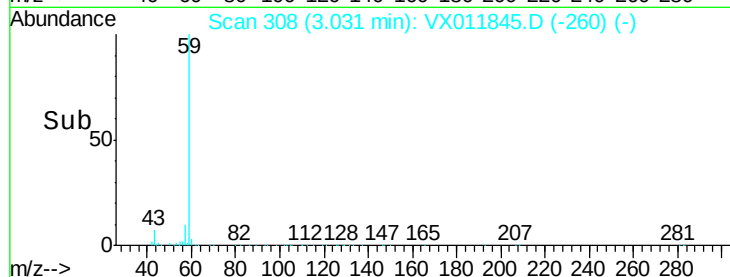
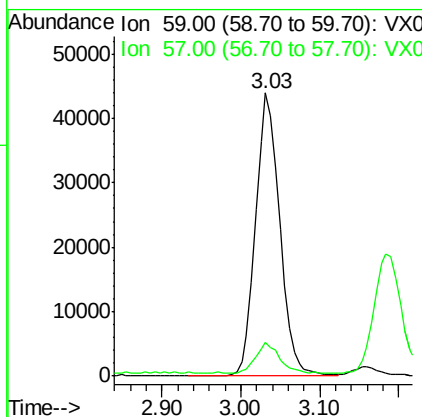
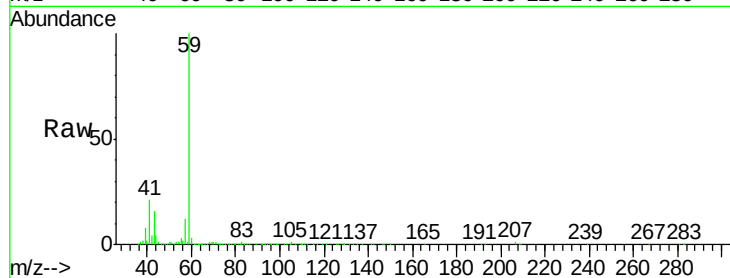
#11
Tert butyl alcohol
Concen: 132.426 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion: 59 Resp: 93484
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6

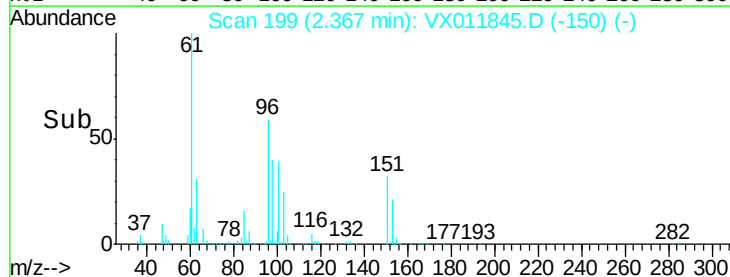
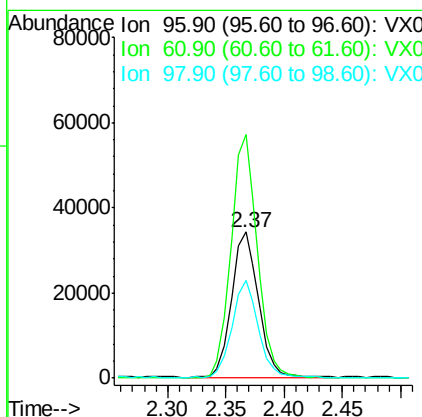
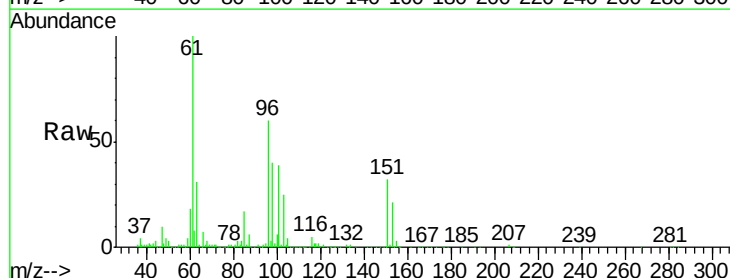
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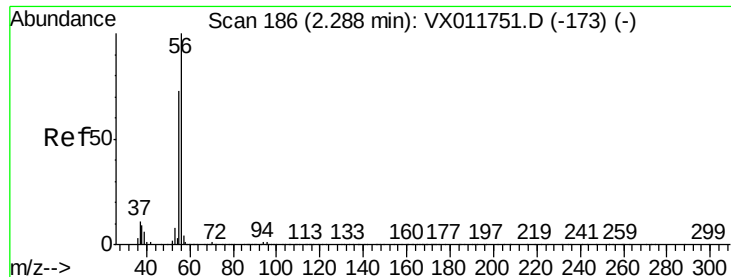
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#12
1,1-Dichloroethene
Concen: 19.631 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion: 96 Resp: 54873
Ion Ratio Lower Upper
96 100
61 167.6 119.4 179.2
98 67.1 51.2 76.8





#13

Acrolein

Concen: 118.318 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBS01

Tot Ion: 56 Resp: 32287

Ion Ratio Lower Upper

56 100

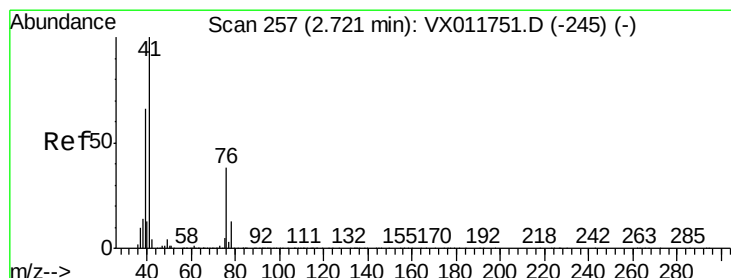
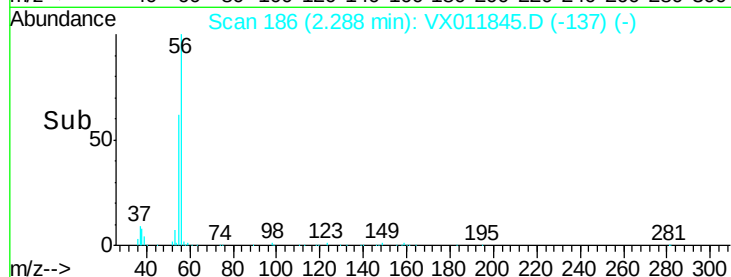
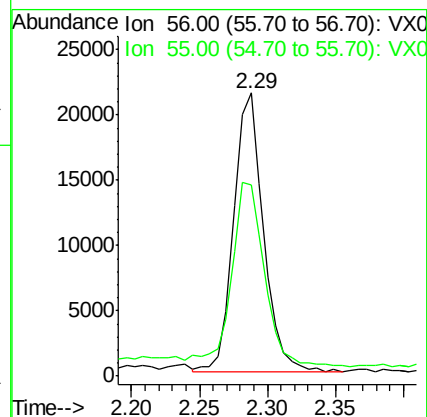
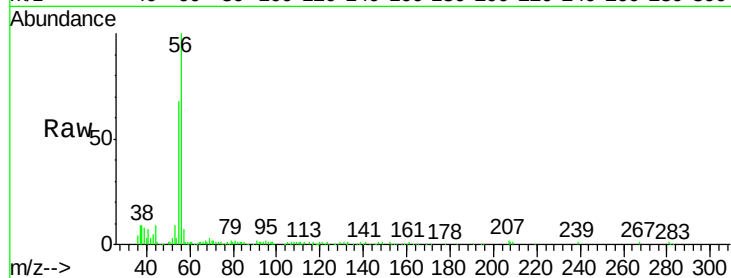
55 74.6 54.8 82.2

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#14

Allyl chloride

Concen: 25.715 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

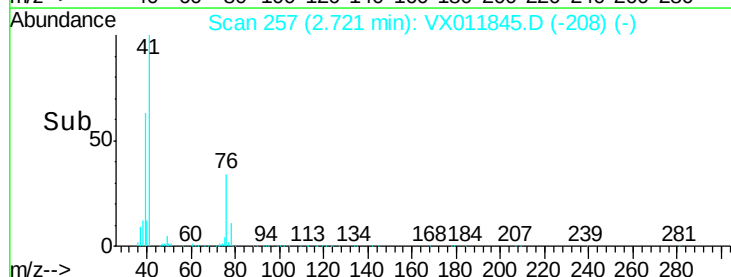
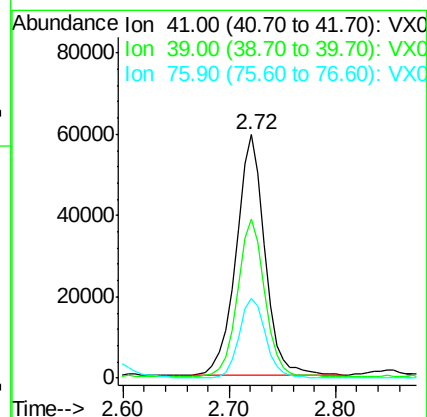
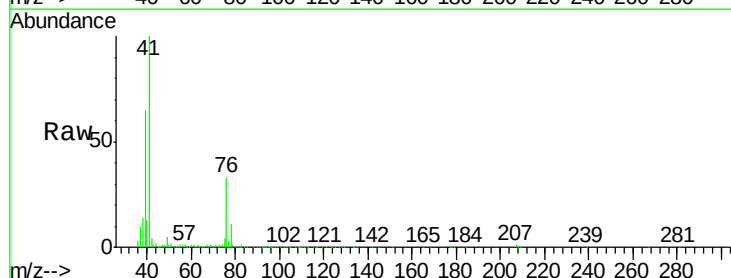
Tgt Ion: 41 Resp: 112345

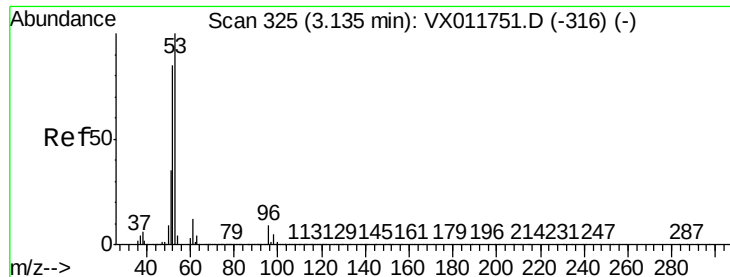
Ion Ratio Lower Upper

41 100

39 61.8 49.3 73.9

76 30.5 26.8 40.2





#15

Acrylonitrile

Concen: 114.392 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

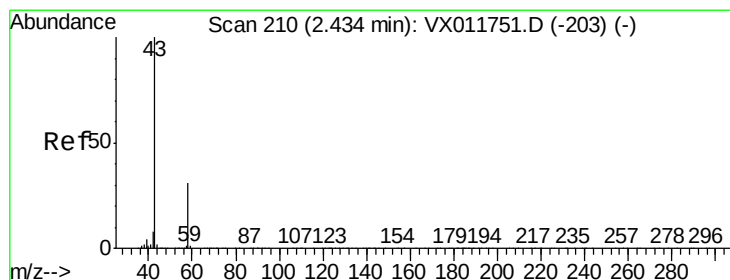
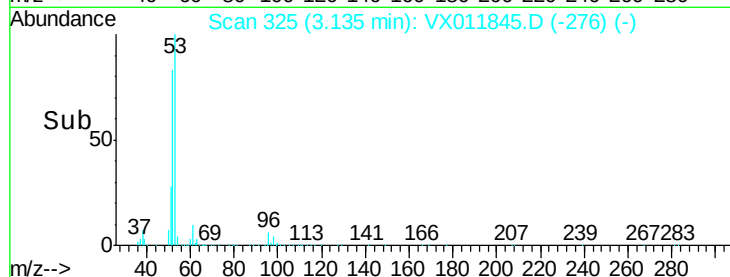
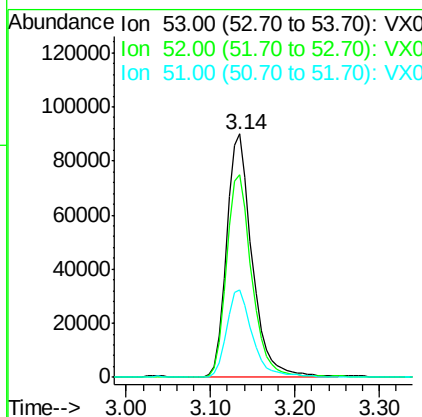
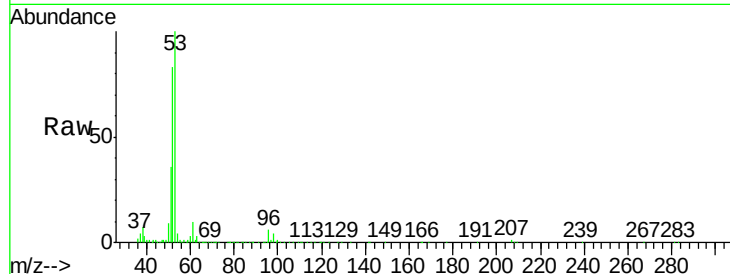
ClientSampleId :

VX0827WBS01

Tot Ion:	53	Resp:	184705
Ion Ratio		Lower	Upper
53	100		
52	83.3	65.7	98.5
51	35.9	28.6	43.0

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#16

Acetone

Concen: 106.354 ug/l

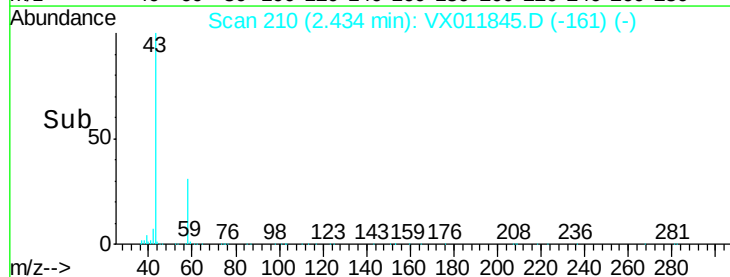
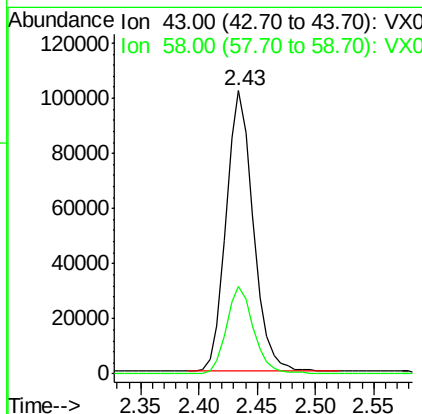
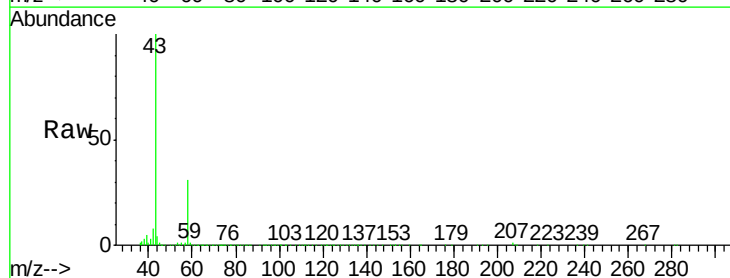
RT: 2.43 min Scan# 210

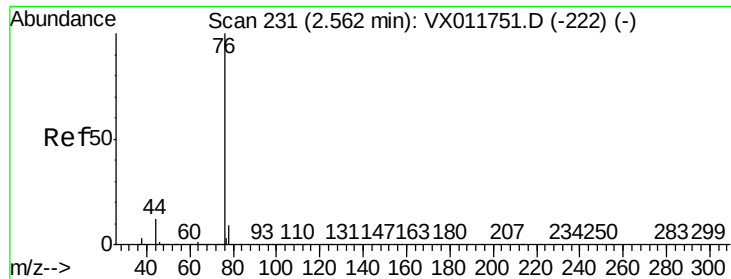
Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Tgt Ion:	43	Resp:	165278
Ion Ratio		Lower	Upper
43	100		
58	30.9	24.4	36.6





#17

Carbon Disulfide

Concen: 21.981 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBS01

Tot Ion: 76 Resp: 155346

Ion Ratio Lower Upper

76 100

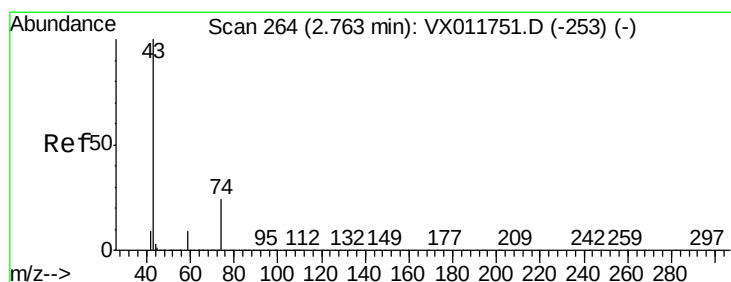
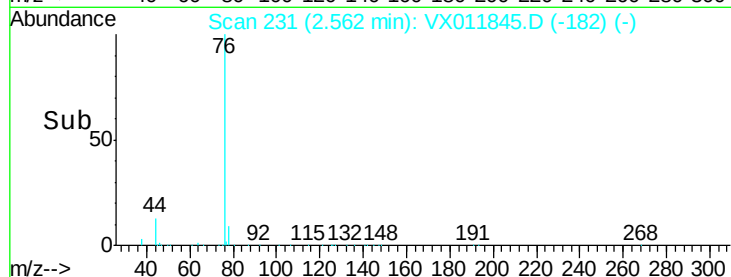
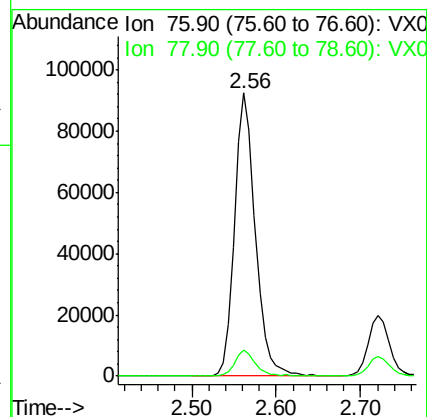
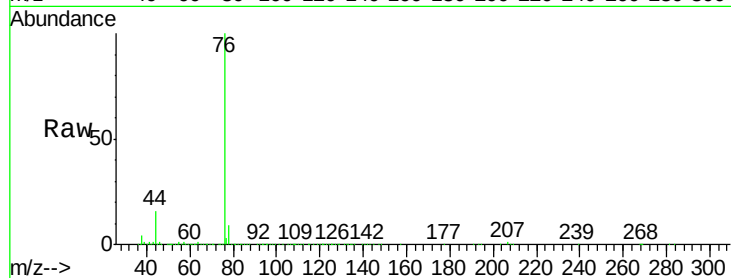
78 9.1 7.4 11.0

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#18

Methyl Acetate

Concen: 25.843 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011845.D

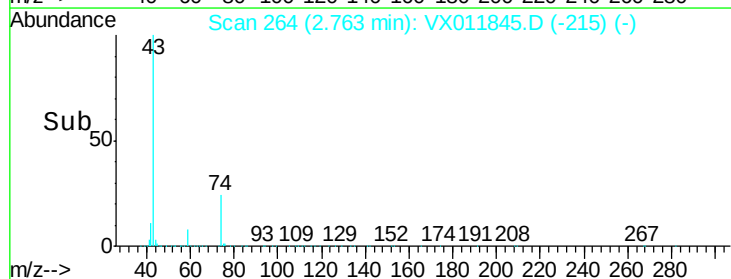
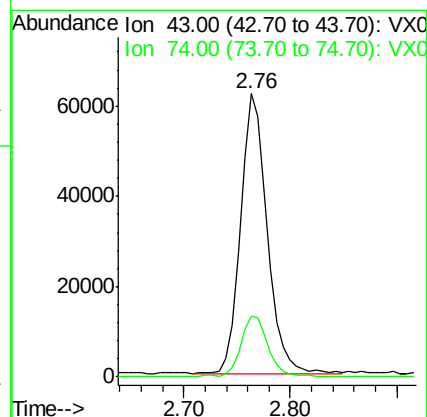
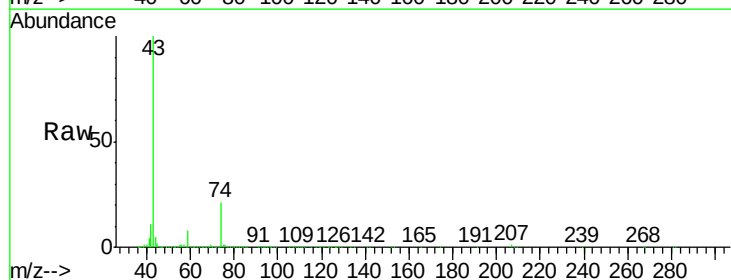
Acq: 27 Aug 2019 13:19

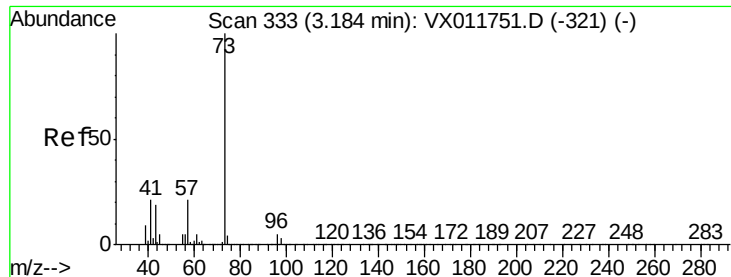
Tgt Ion: 43 Resp: 108977

Ion Ratio Lower Upper

43 100

74 22.2 19.5 29.3





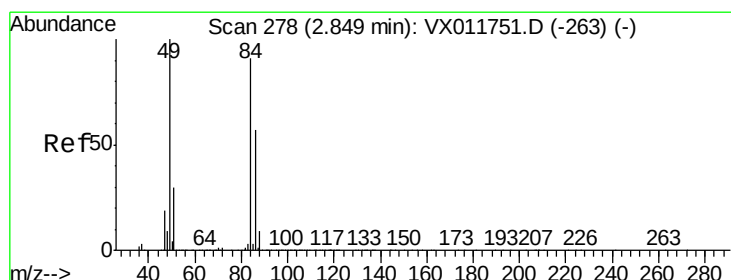
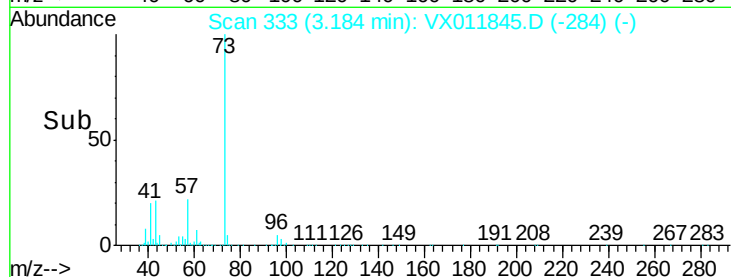
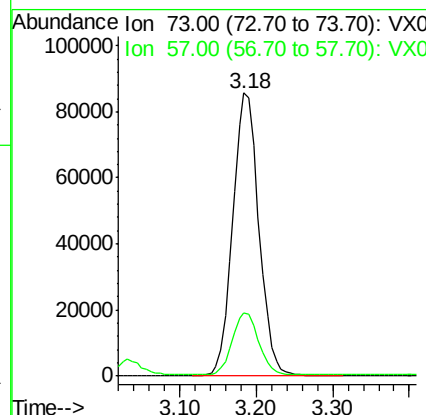
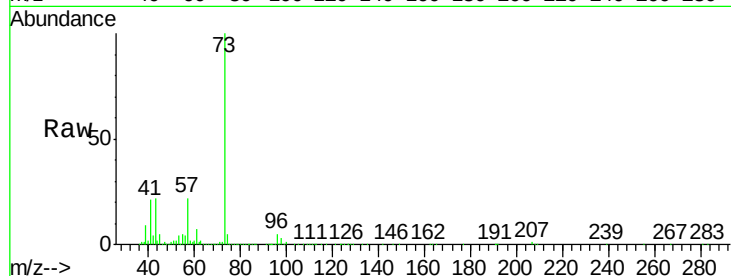
#19
Methyl tert-butyl Ether
Concen: 22.437 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.4	24.6

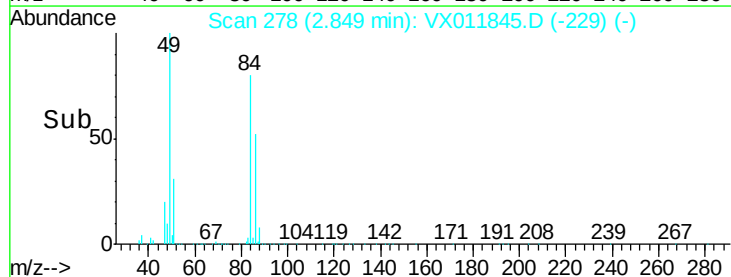
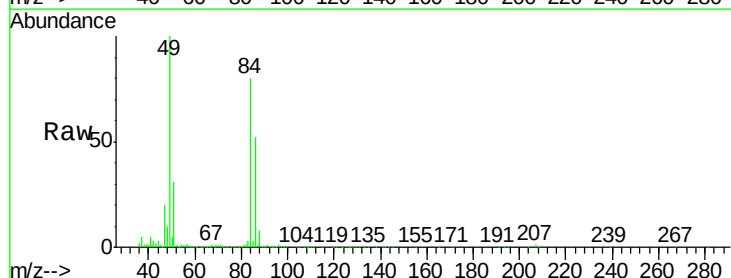
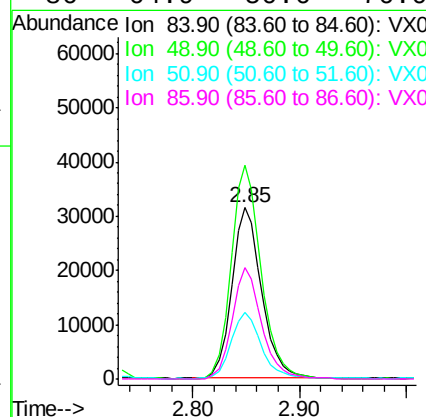
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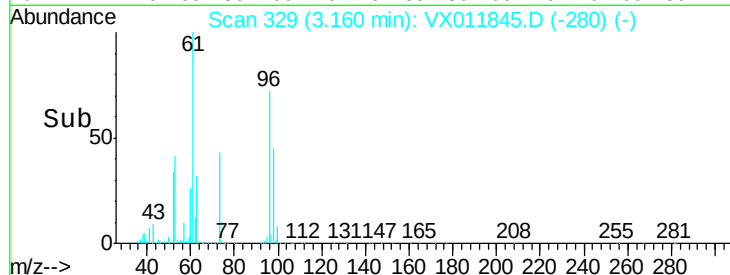
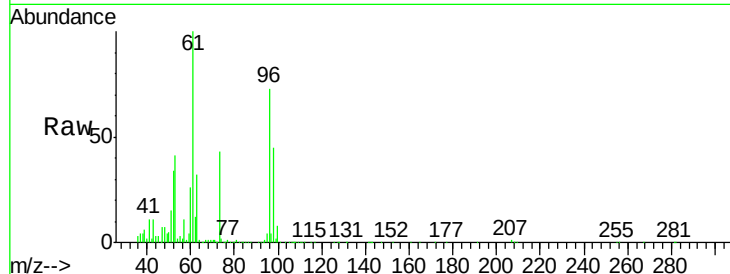
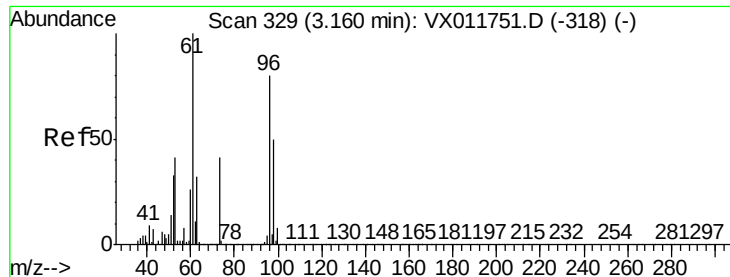
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#20
Methylene Chloride
Concen: 19.336 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.1	88.3	132.5
51	38.7	26.2	39.2
86	64.9	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 19.362 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011845.D

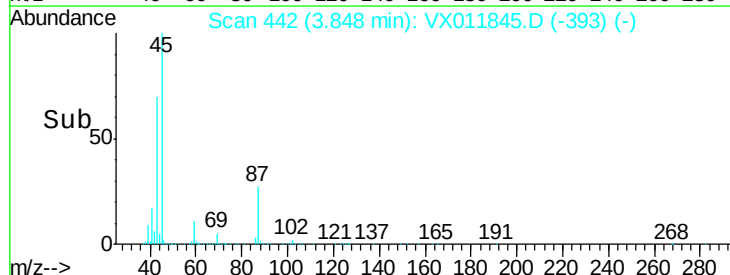
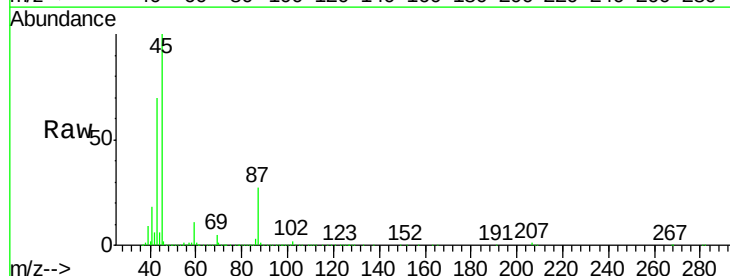
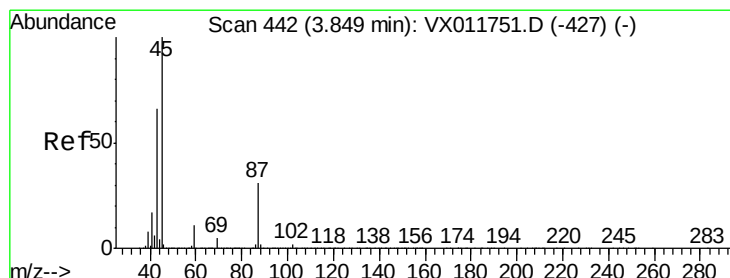
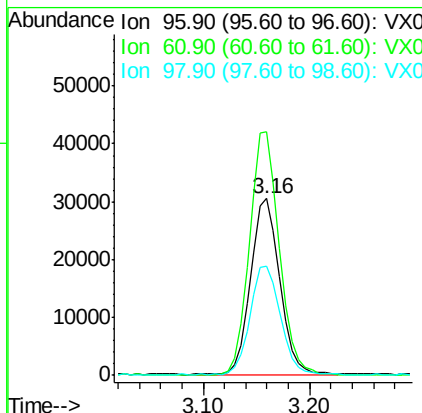
Acq: 27 Aug 2019 13:19

Tot Ion:	96	Resp:	58375
Ion	Ratio	Lower	Upper
96	100		
61	138.6	99.8	149.8
98	61.9	50.3	75.5

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

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#22

Diisopropyl ether

Concen: 24.389 ug/l

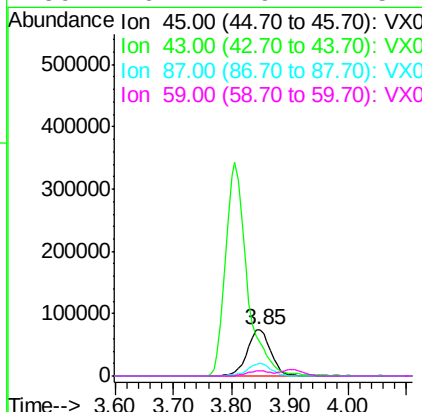
RT: 3.85 min Scan# 442

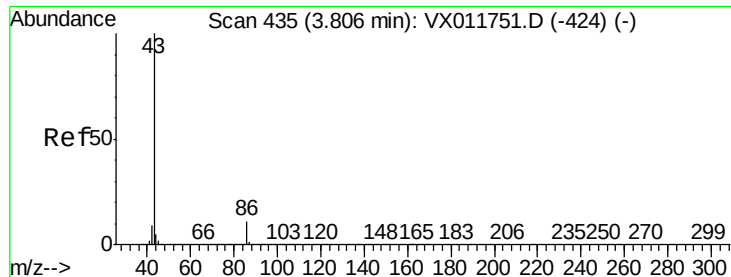
Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Tgt Ion:	45	Resp:	206615
Ion	Ratio	Lower	Upper
45	100		
43	69.5	53.0	79.6
87	26.8	24.7	37.1
59	10.7	9.1	13.7





#23

Vinyl Acetate

Concen: 125.726 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBS01

Tot Ion: 43 Resp: 881866

Ion Ratio Lower Upper

43 100

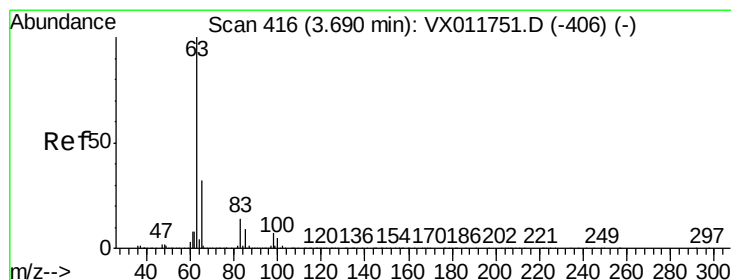
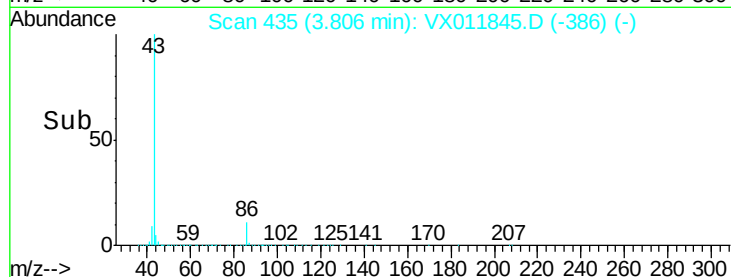
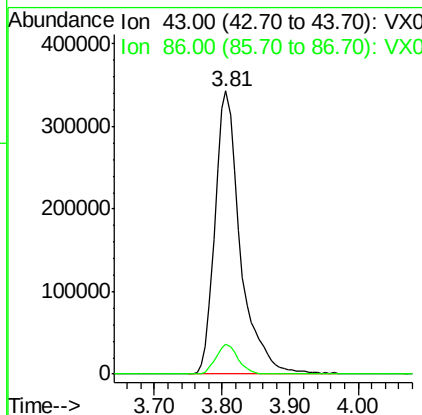
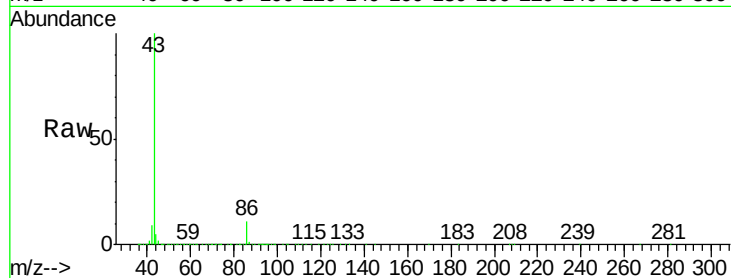
86 10.5 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 21.685 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

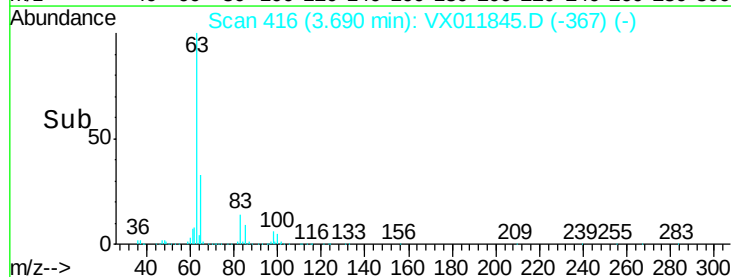
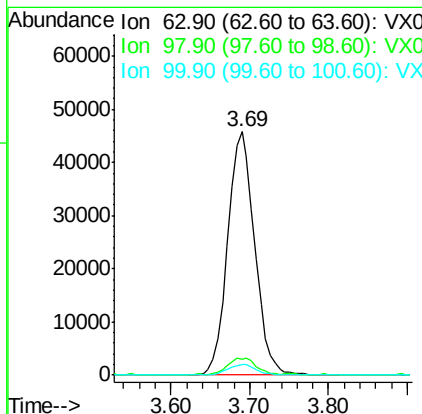
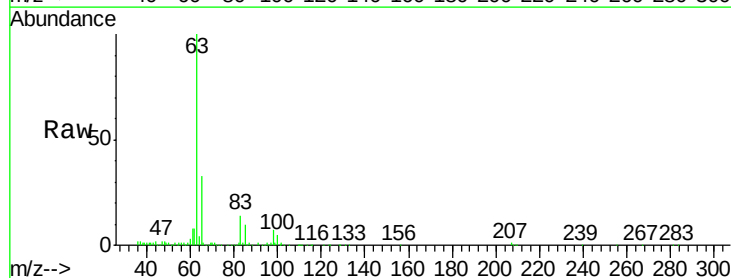
Tgt Ion: 63 Resp: 108466

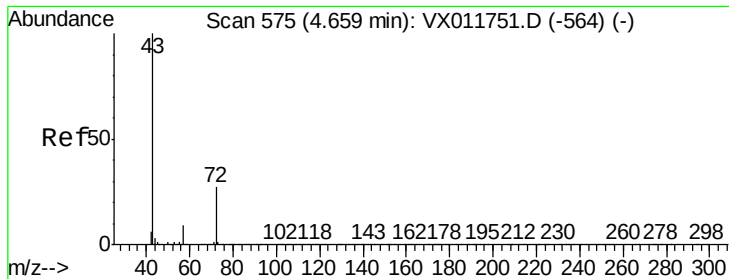
Ion Ratio Lower Upper

63 100

98 6.2 3.7 11.1

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 122.103 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBS01

Tot Ion: 43 Resp: 272366

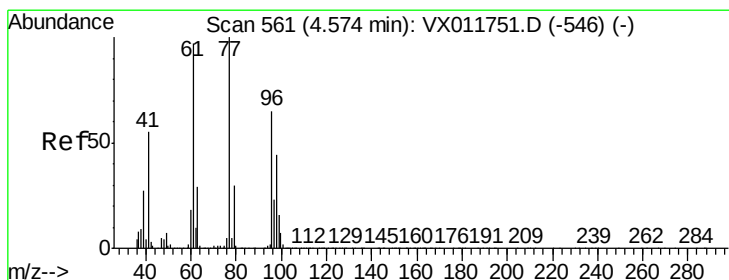
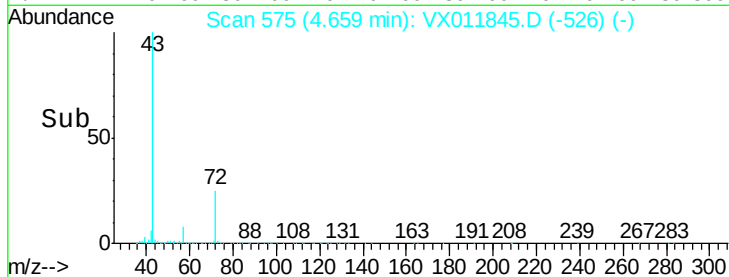
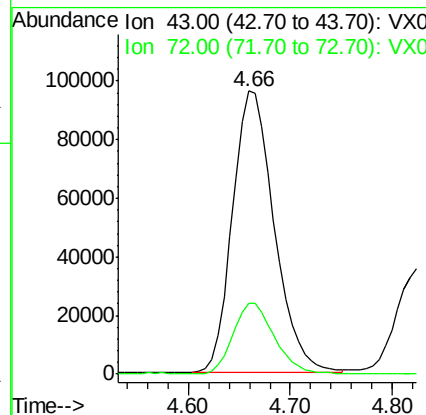
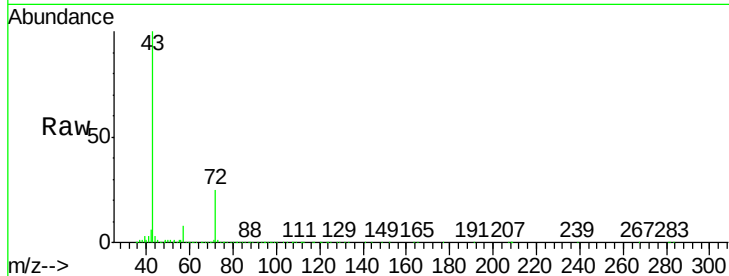
Ion Ratio Lower Upper

43 100

72 25.0 21.8 32.6

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#26

2,2-Dichloropropane

Concen: 23.021 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011845.D

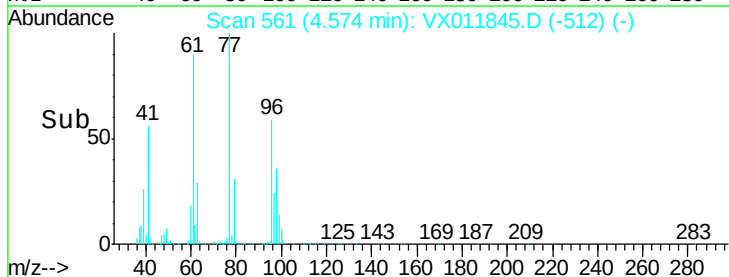
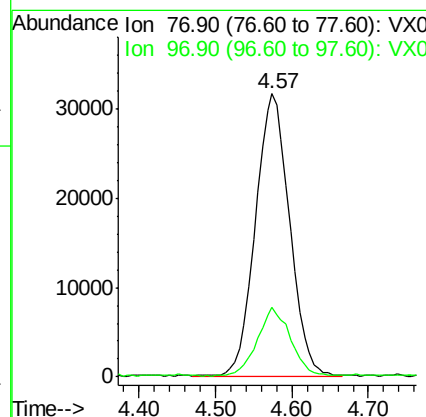
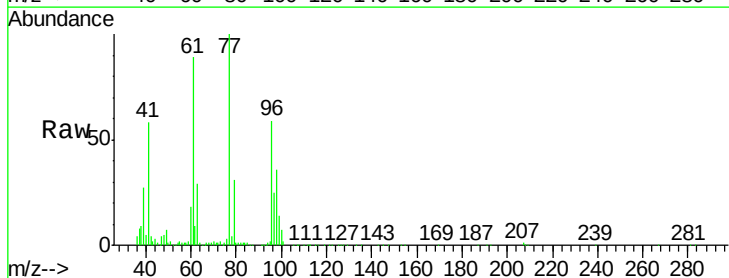
Acq: 27 Aug 2019 13:19

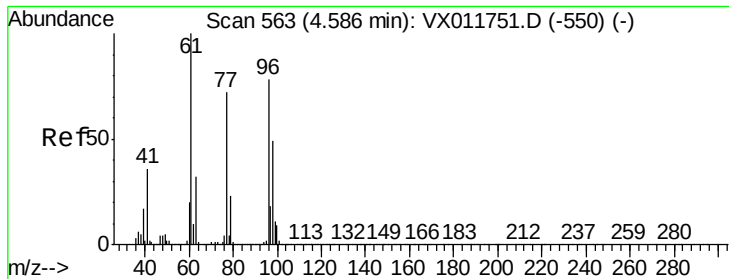
Tgt Ion: 77 Resp: 97786

Ion Ratio Lower Upper

77 100

97 23.9 12.2 36.6





#27

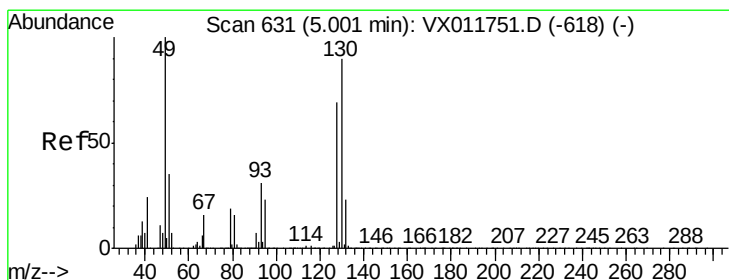
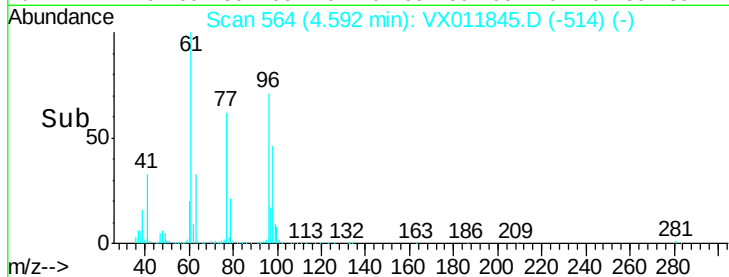
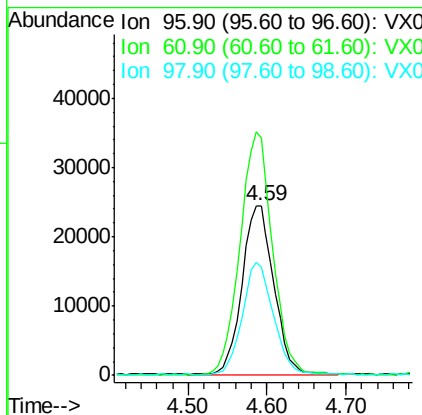
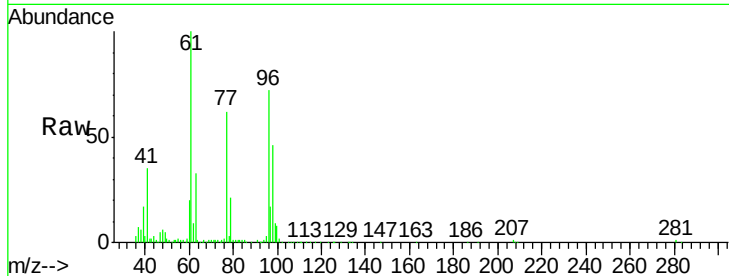
cis-1,2-Dichloroethene
Concen: 19.672 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	275.8
98	65.3	0.0	128.2

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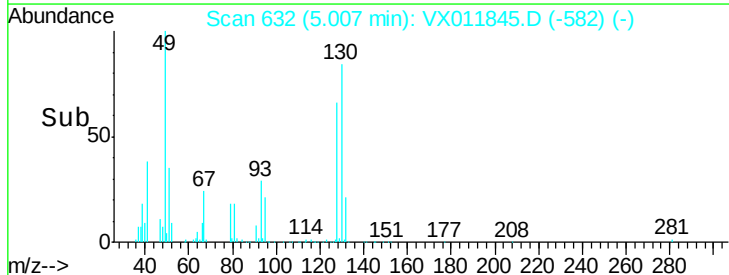
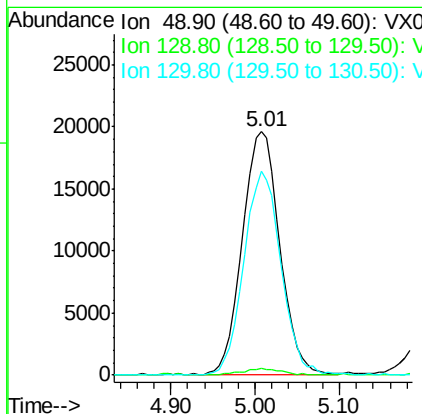
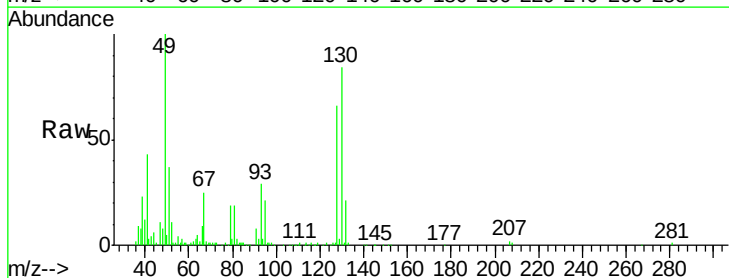
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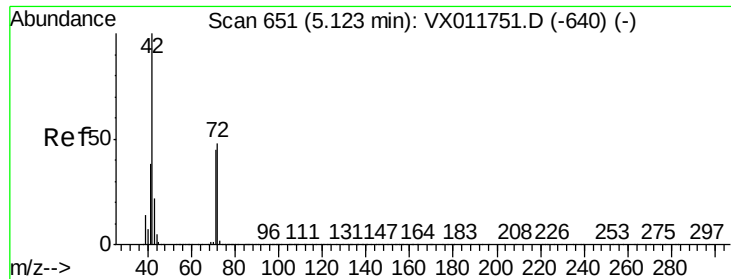


#28

Bromochloromethane
Concen: 26.190 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.8
130	82.8	76.8	115.2





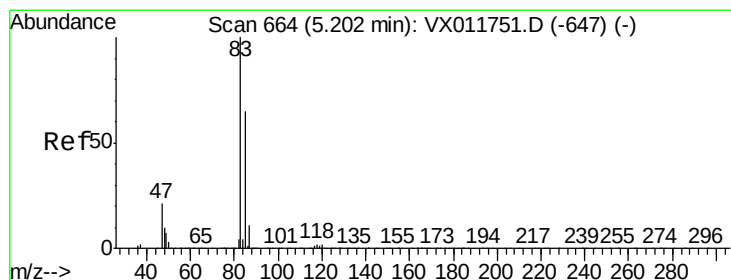
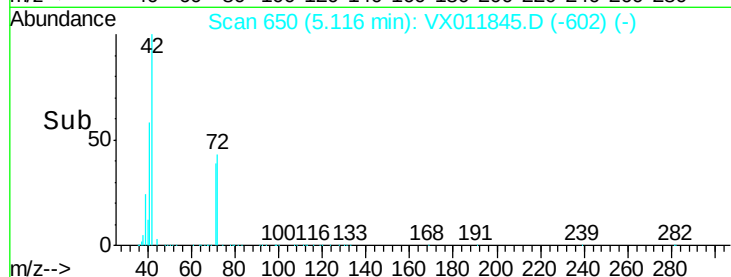
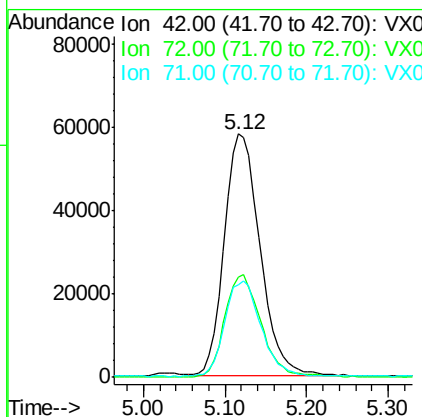
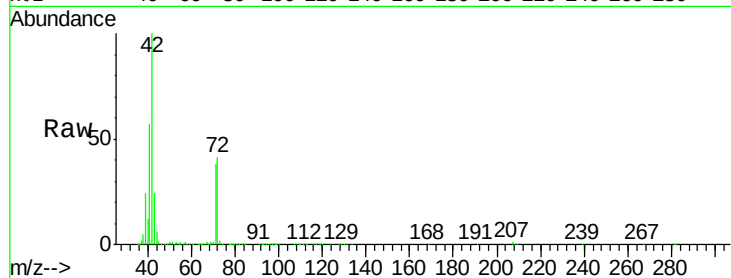
#29
Tetrahydrofuran
Concen: 122.099 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	37.6	56.4
71	40.1	34.6	51.8

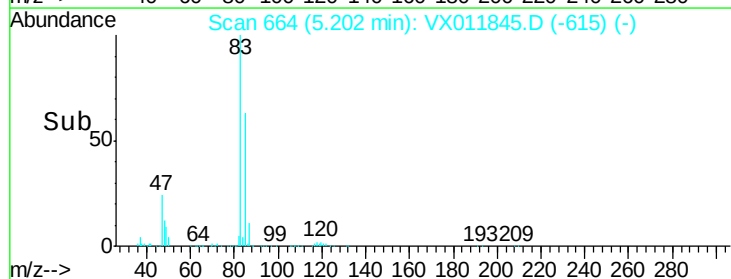
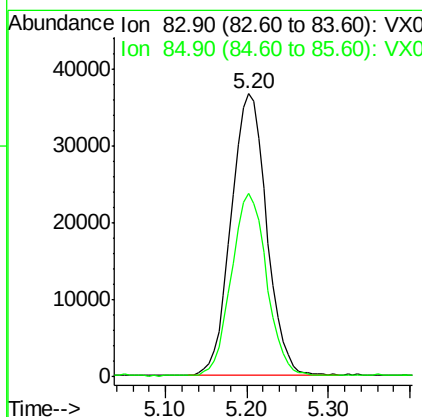
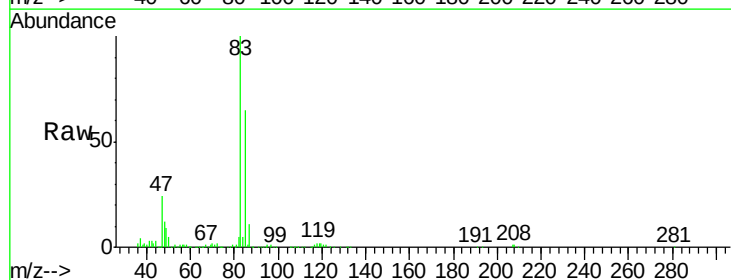
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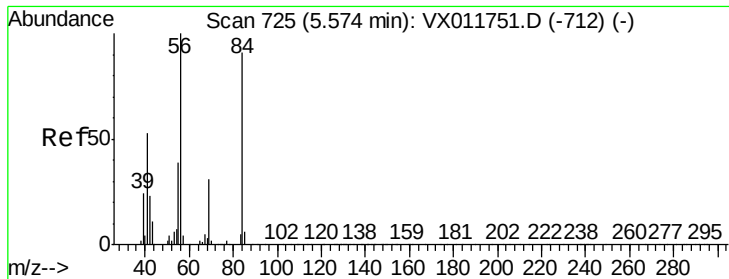
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#30
Chloroform
Concen: 20.302 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8





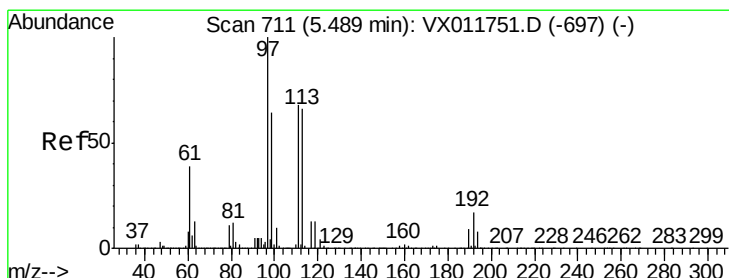
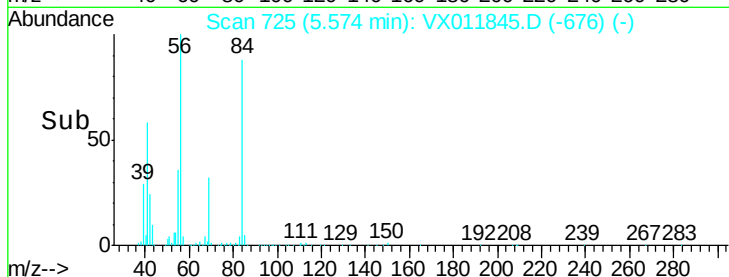
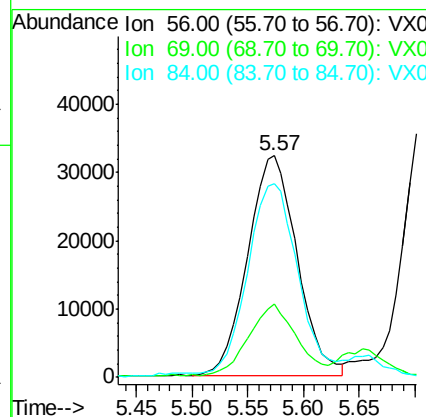
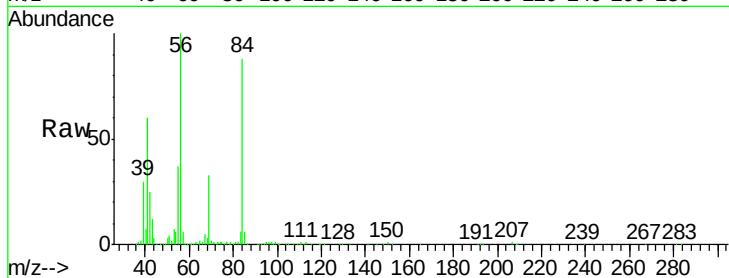
#31
Cyclohexane
Concen: 22.607 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.5	36.7
84	86.4	72.7	109.1

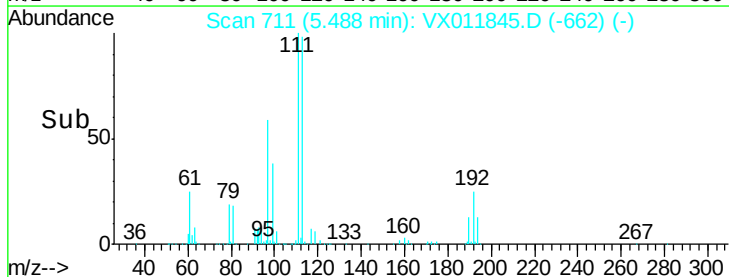
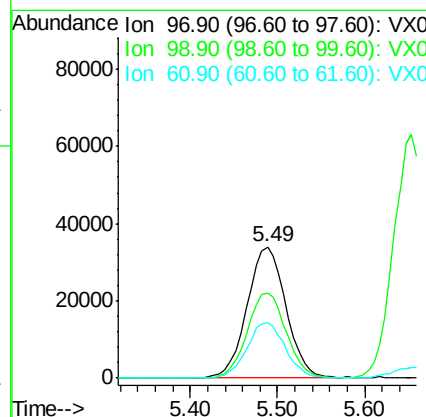
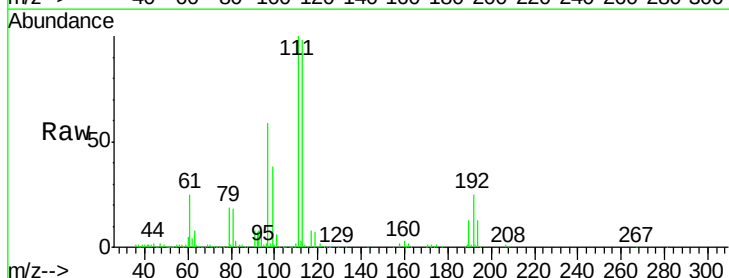
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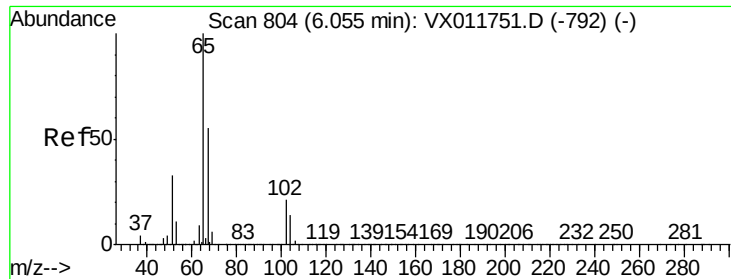
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#32
1,1,1-Trichloroethane
Concen: 21.944 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.4	77.0
61	42.8	31.6	47.4





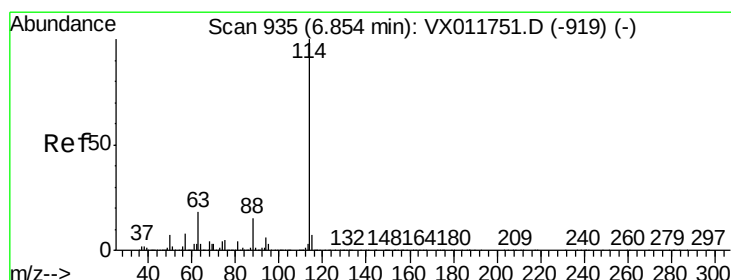
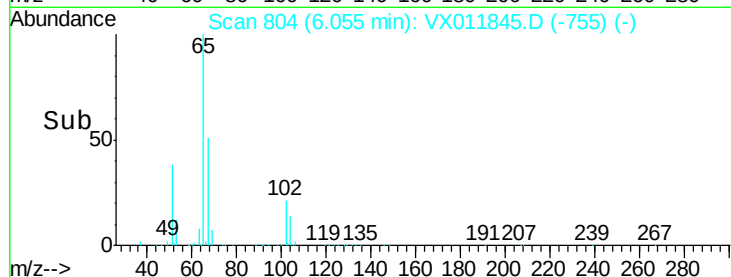
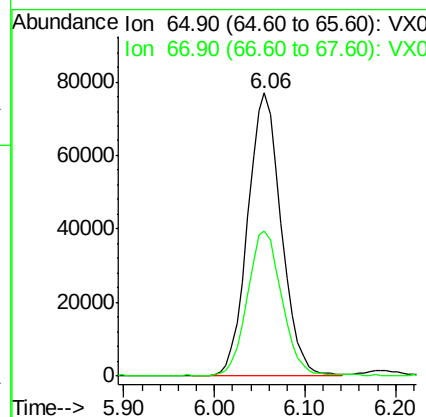
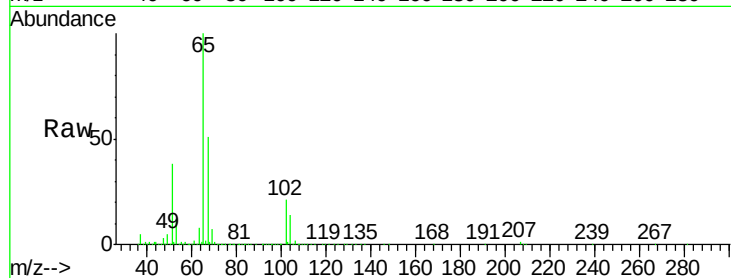
#33
 1,2-Dichloroethane-d4
 Concen: 54.926 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011845.D
 Acq: 27 Aug 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196223		
67	52.5	0.0	107.8	

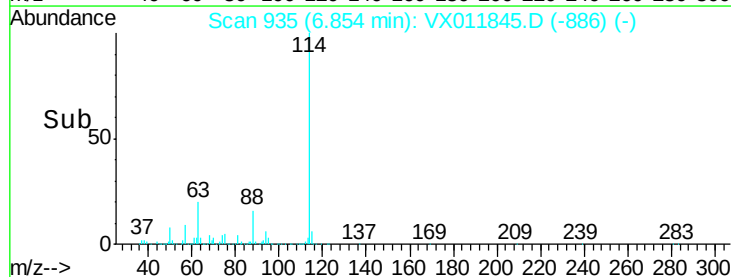
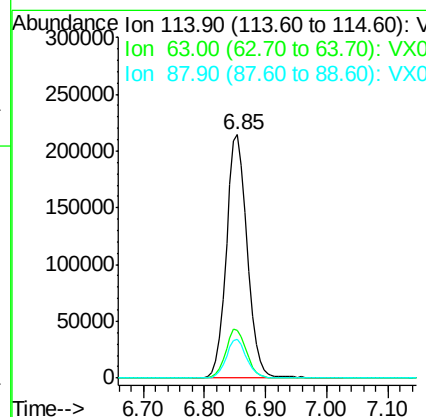
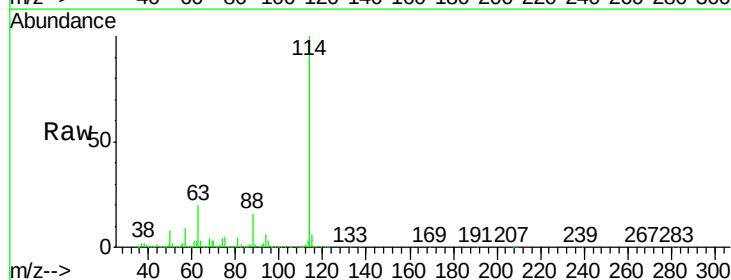
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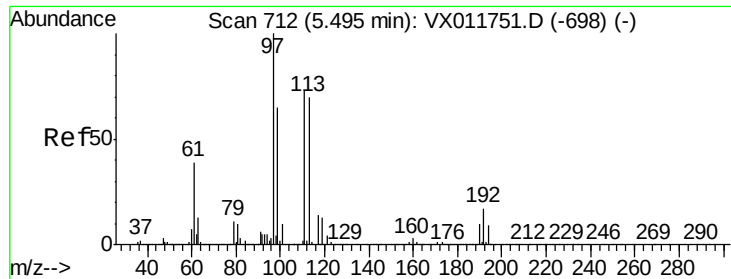
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011845.D
 Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	510375		
63	19.7	0.0	36.8	
88	15.8	0.0	30.2	





#35

Dibromofluoromethane

Concen: 49.850 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

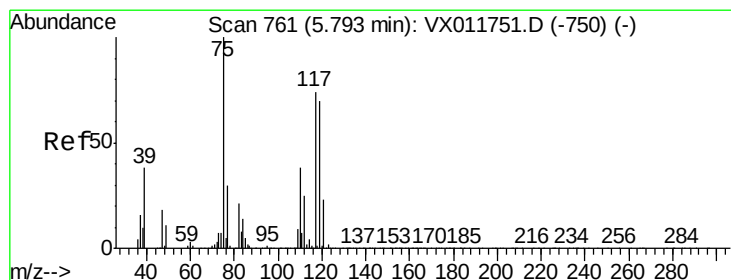
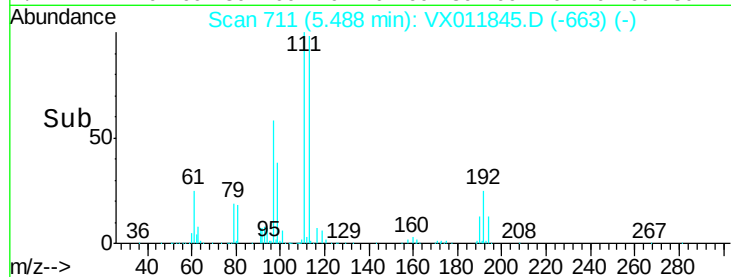
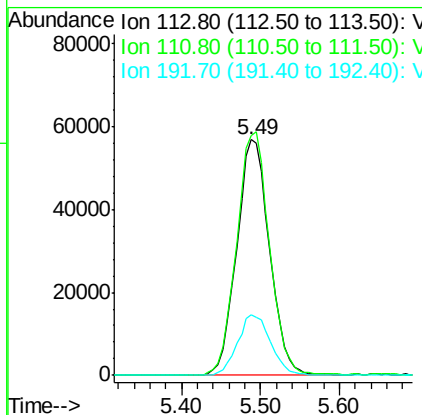
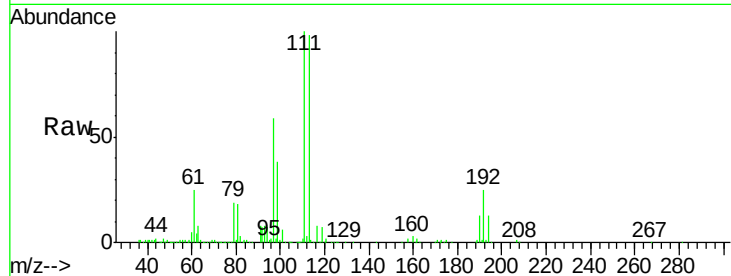
ClientSampleId :

VX0827WBS01

Tot Ion:	113	Resp:	164518
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.0	121.4
192	26.1	19.9	29.9

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#36

1,1-Dichloropropene

Concen: 19.860 ug/l

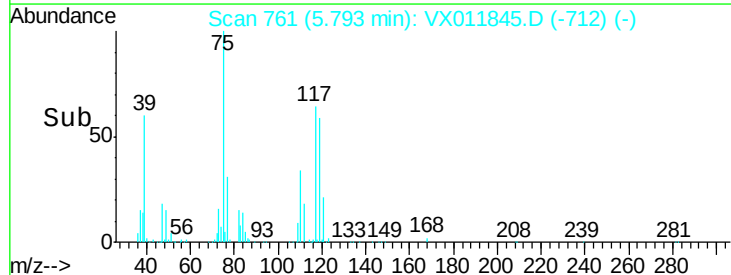
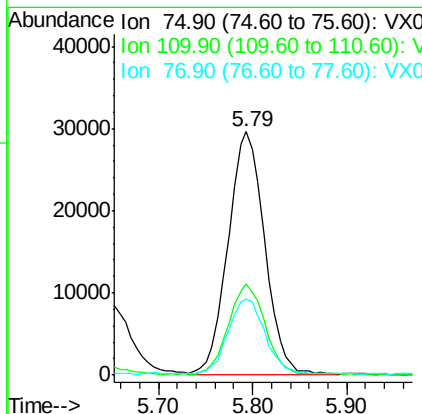
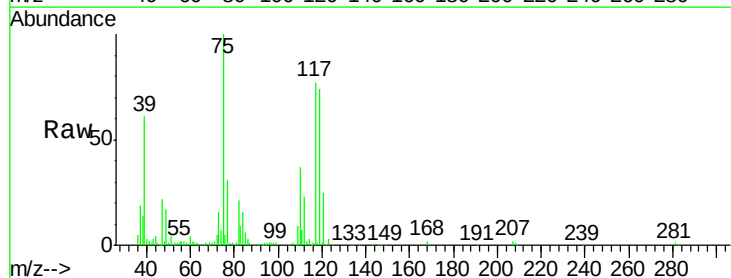
RT: 5.79 min Scan# 761

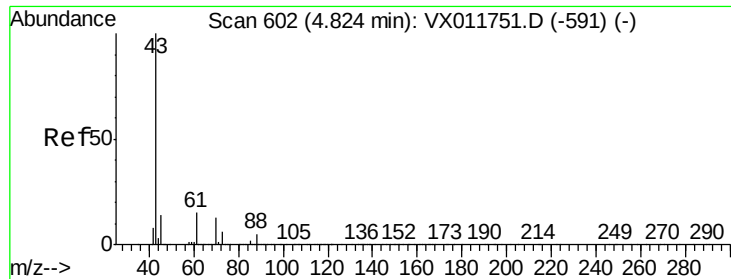
Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Tgt Ion:	75	Resp:	79485
Ion Ratio	Lower	Upper	
75	100		
110	37.3	19.0	57.0
77	31.3	24.6	36.8





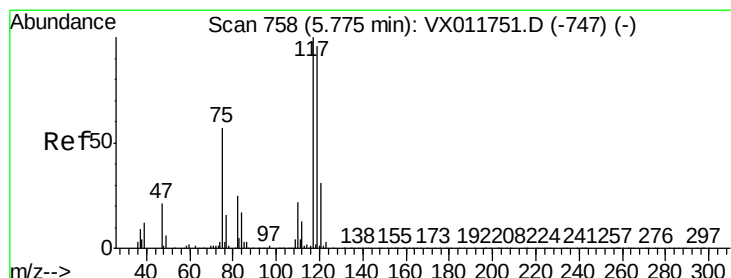
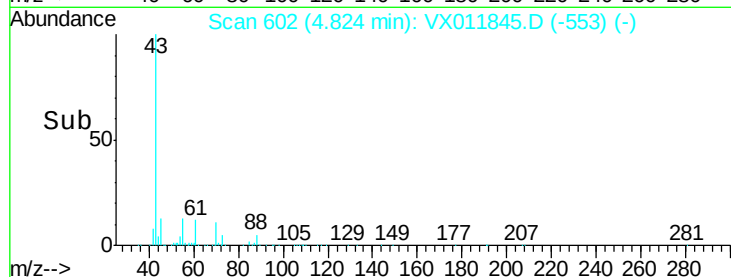
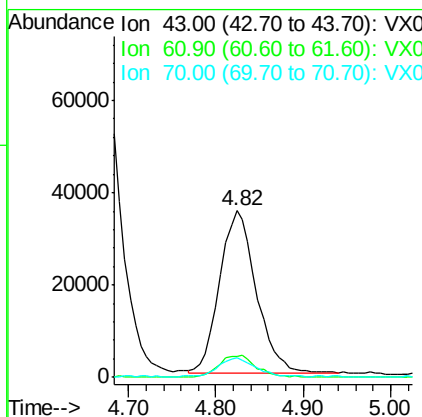
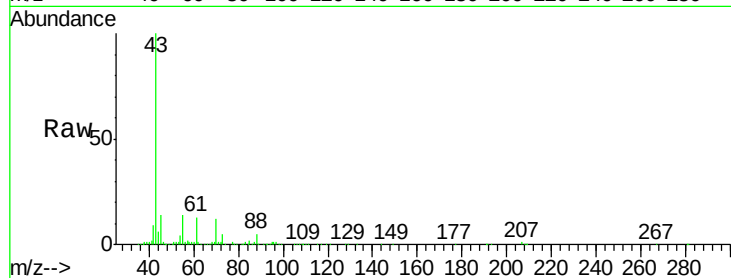
#37
Ethyl Acetate
Concen: 24.318 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.5	17.3
70	11.5	9.5	14.3

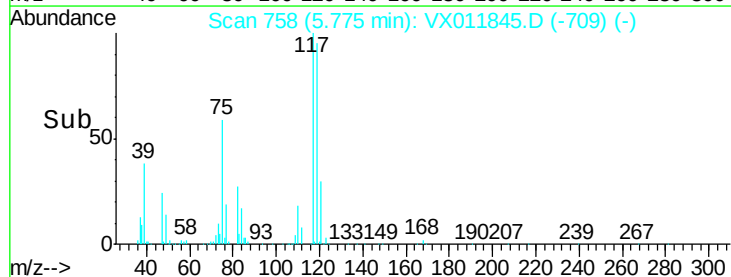
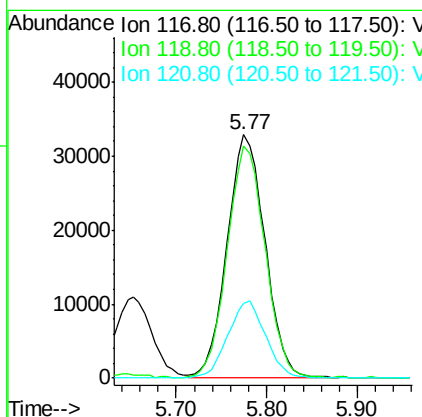
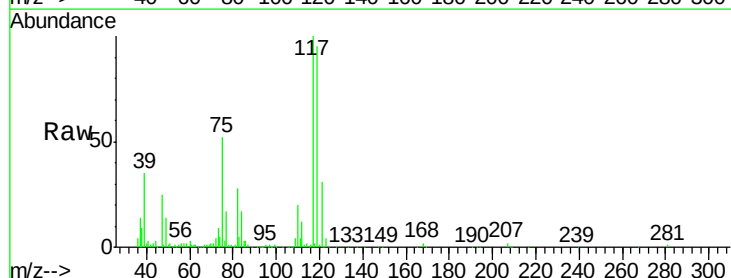
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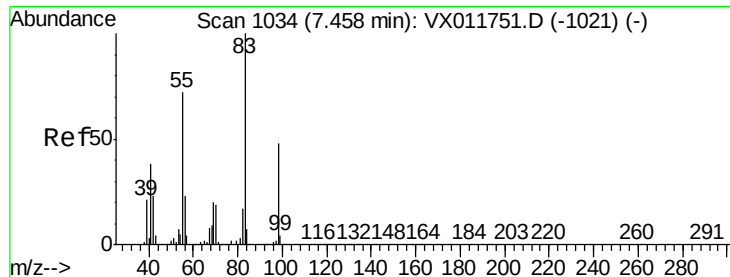
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#38
Carbon Tetrachloride
Concen: 20.977 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	114.8
121	30.6	25.2	37.8





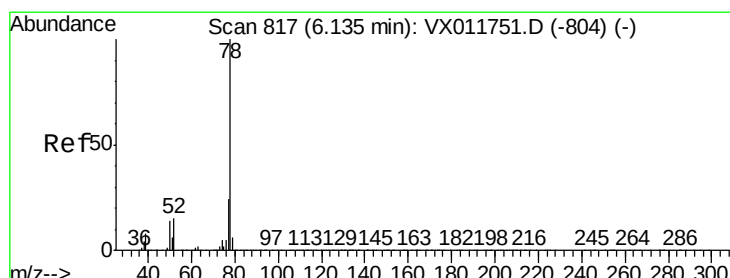
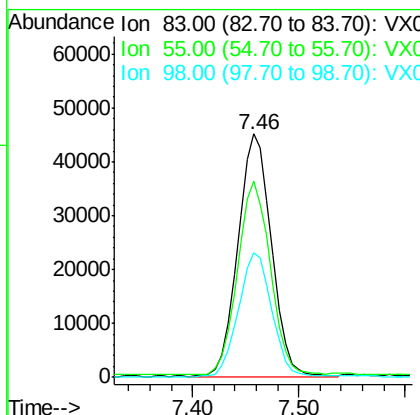
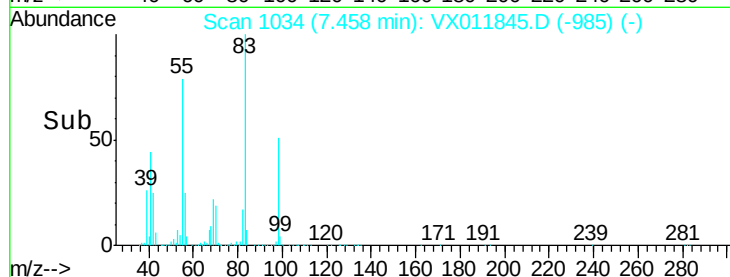
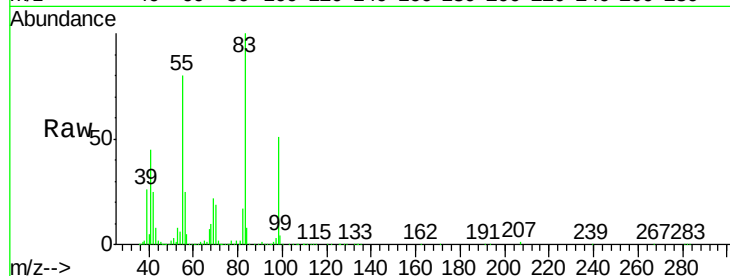
#39
Methylvlcyclohexane
Concen: 19.997 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	57.8	86.6
98	51.0	38.6	58.0

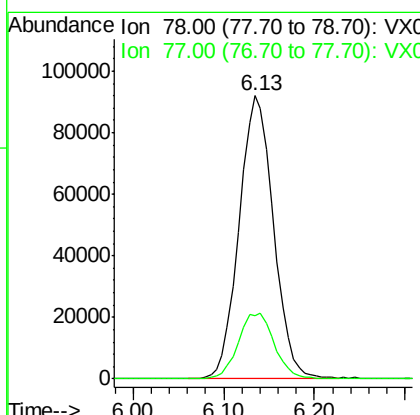
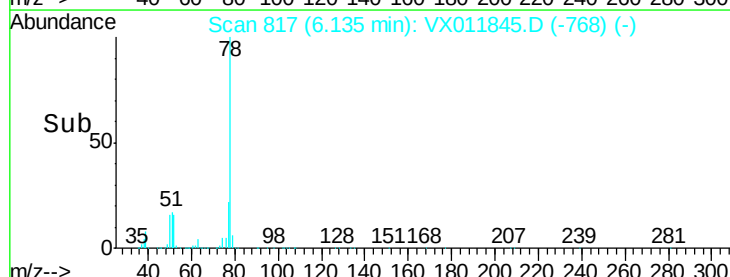
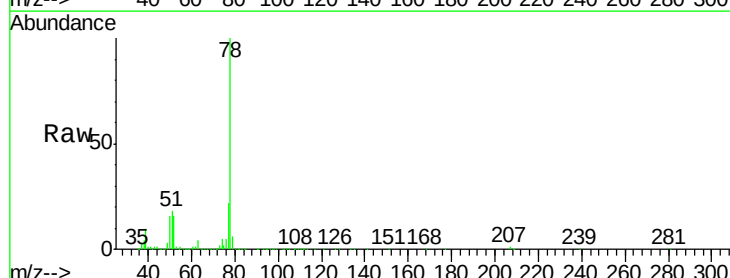
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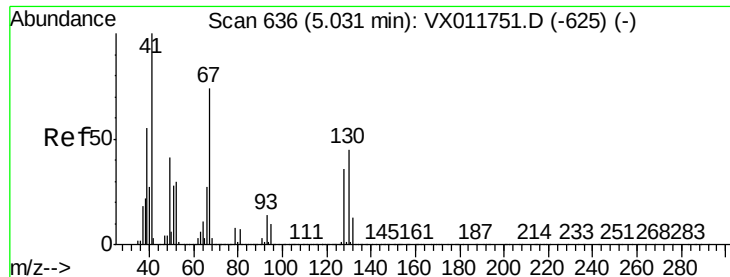
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#40
Benzene
Concen: 19.450 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.1	28.7





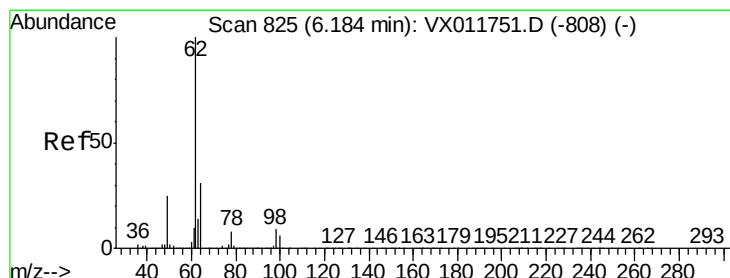
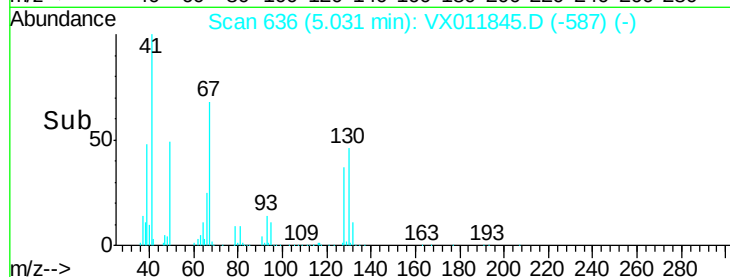
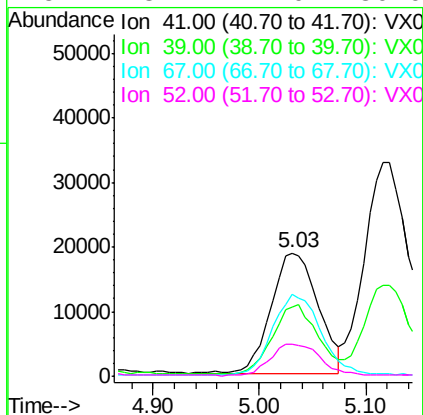
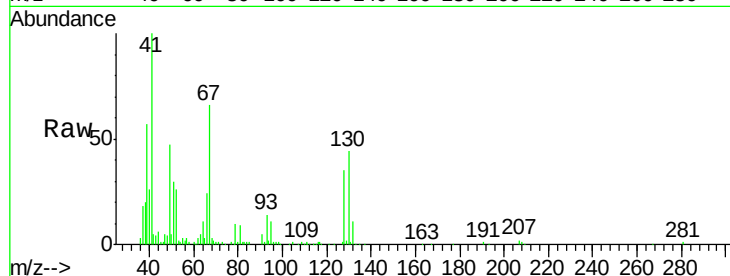
#41
Methacrylonitrile
Concen: 23.128 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.4	44.3	66.5	
67	69.0	60.3	90.5	
52	28.2	24.0	36.0	

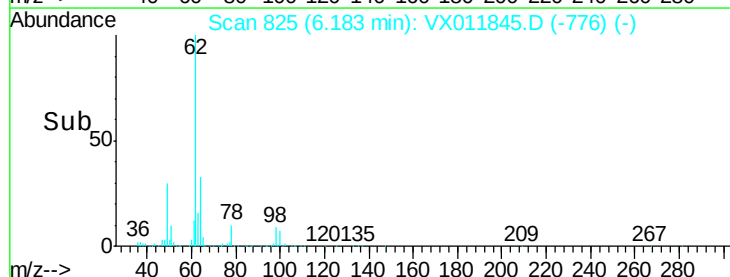
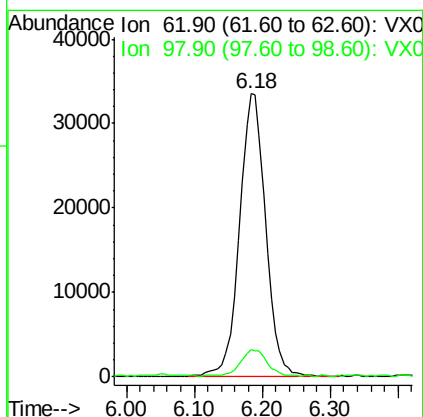
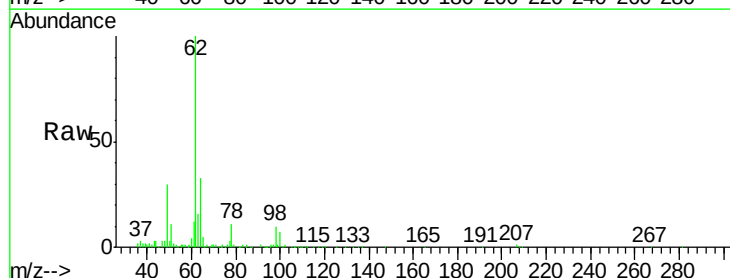
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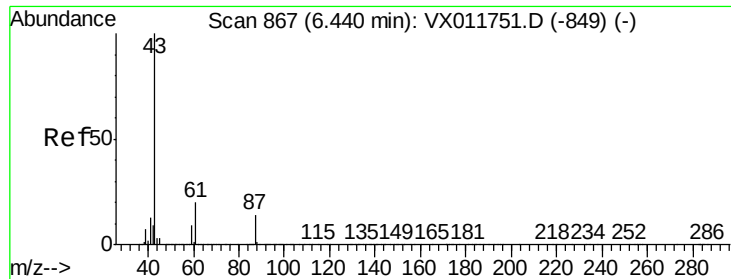
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#42
1,2-Dichloroethane
Concen: 19.850 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	18.8	





#43

Isopropyl Acetate

Concen: 24.578 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

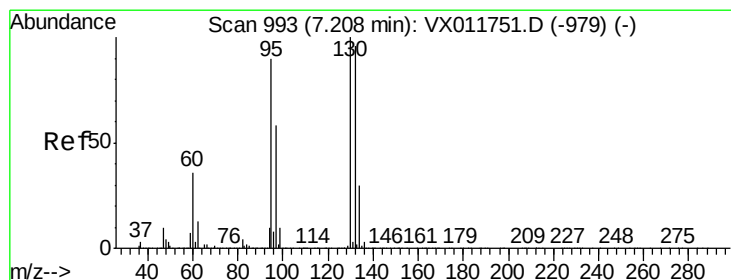
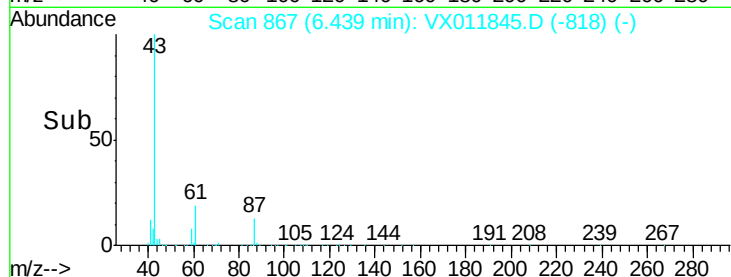
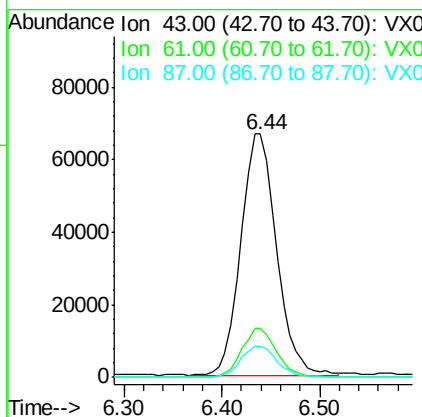
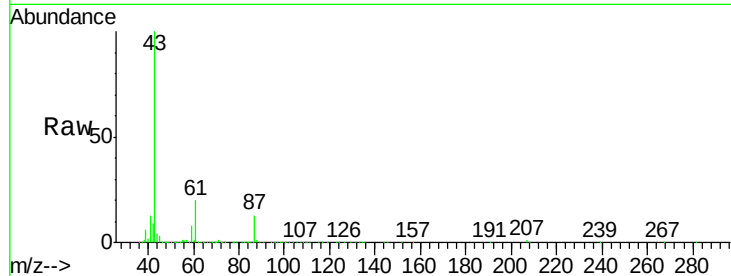
ClientSampleId :

VX0827WBS01

Tot Ion:	43	Resp:	168484
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.2
87	13.3	11.6	17.4

Manual Integrations
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#44

Trichloroethene

Concen: 18.605 ug/l

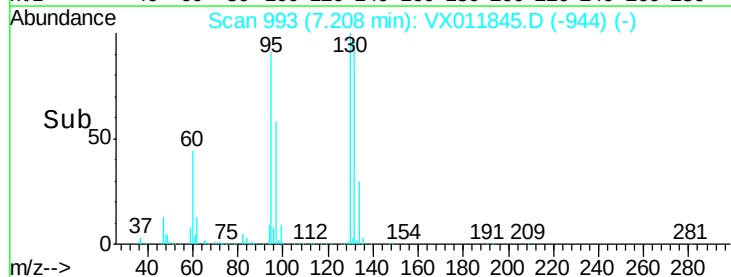
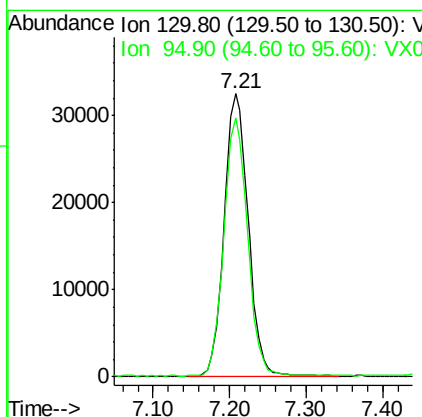
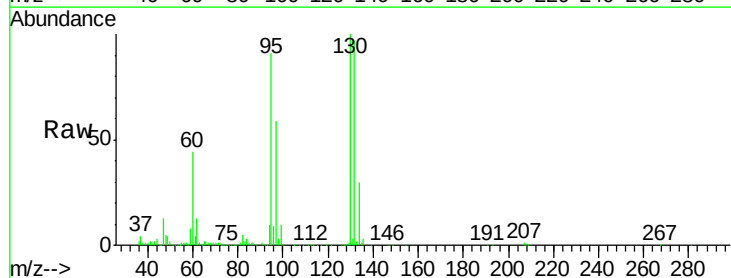
RT: 7.21 min Scan# 993

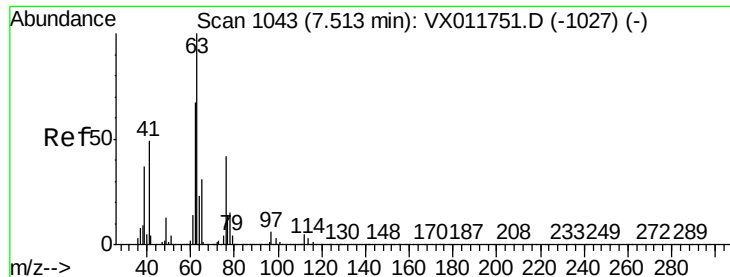
Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Tgt Ion:	130	Resp:	71007
Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	179.0





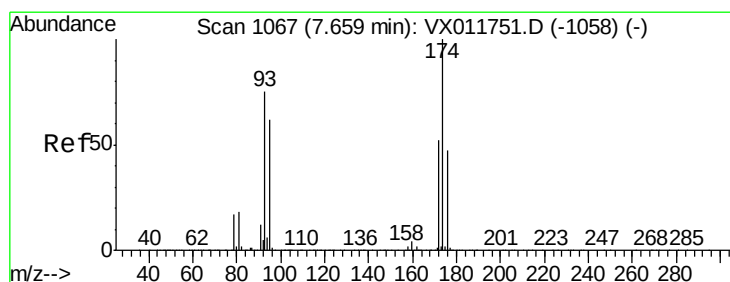
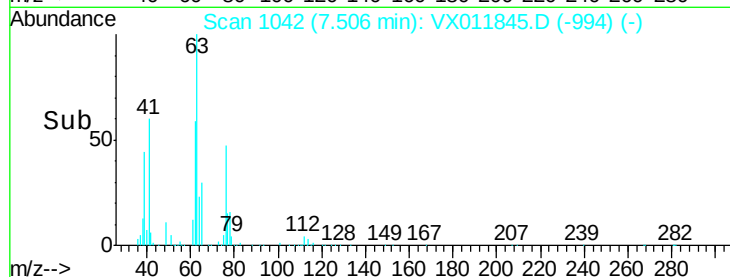
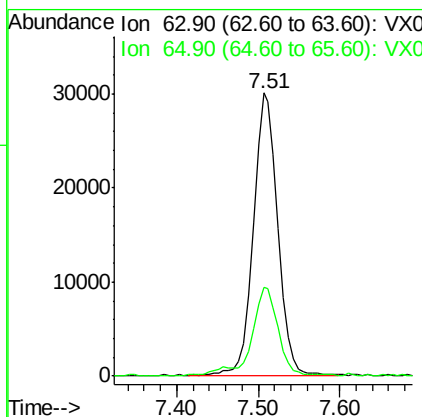
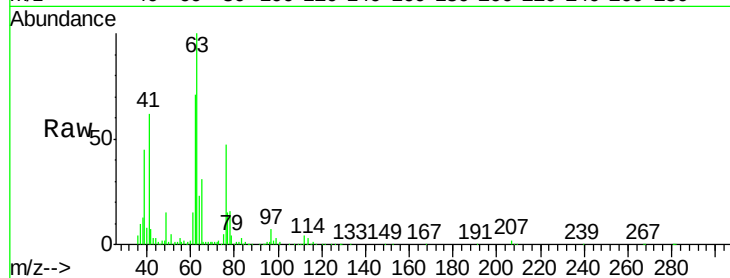
#45
 1,2-Dichloropropane
 Concen: 20.409 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011845.D
 Acq: 27 Aug 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.8	37.2

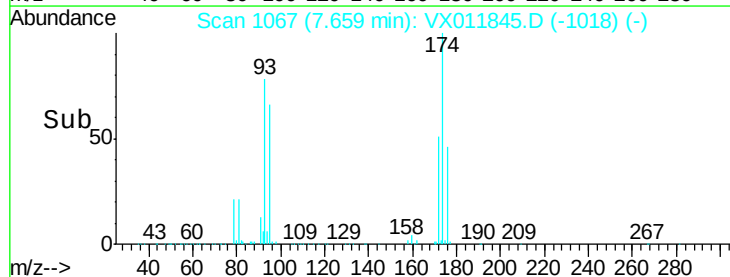
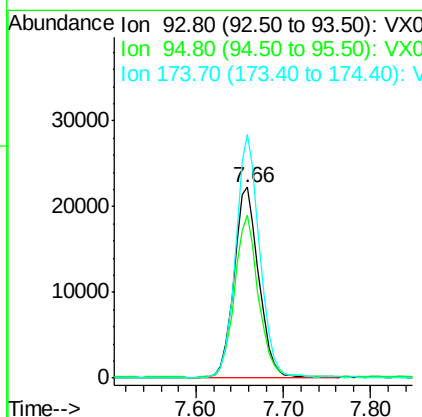
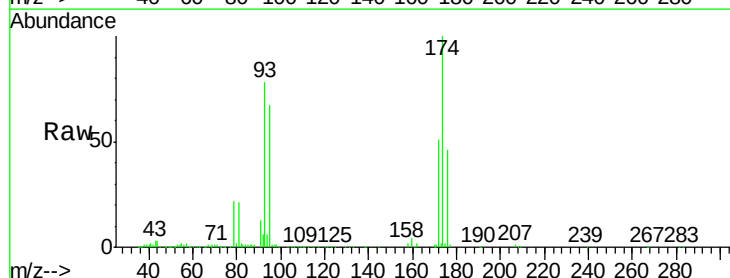
Manual Integrations
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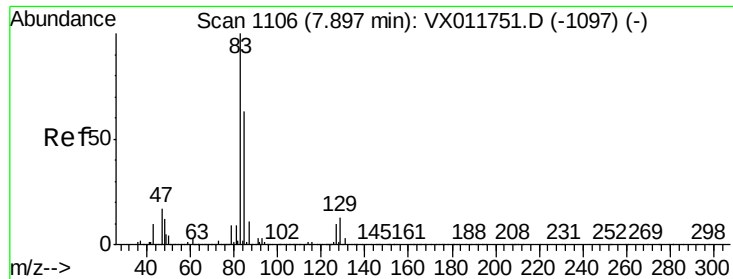
MMDadoda
 8/28/2019 11:44:38 AM



#46
 Dibromomethane
 Concen: 19.079 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011845.D
 Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.2	99.2
174	123.6	104.2	156.4





#47

Bromodichloromethane

Concen: 22.155 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

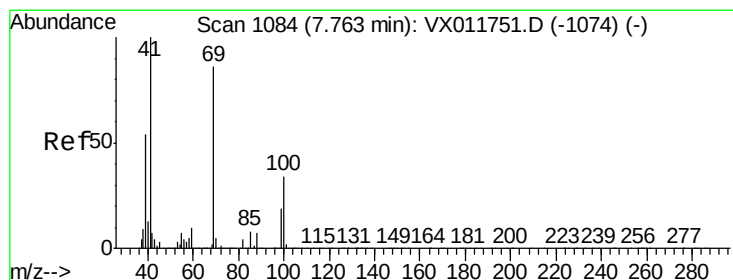
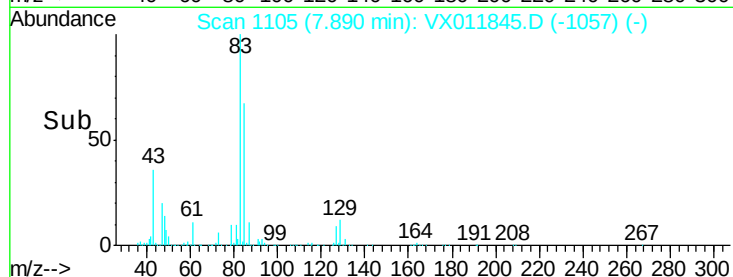
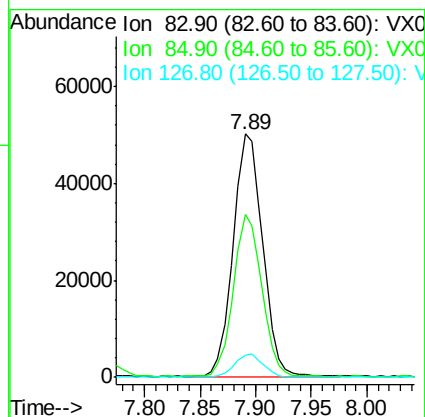
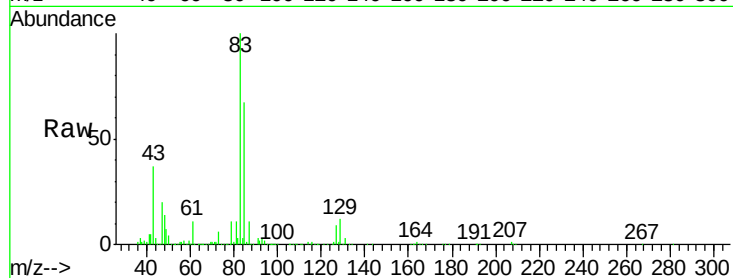
ClientSampleId :

VX0827WBS01

Tot Ion:	83	Resp:	91504
Ion Ratio	Lower	Upper	
83	100		
85	67.0	50.6	76.0
127	9.3	8.4	12.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 23.960 ug/l

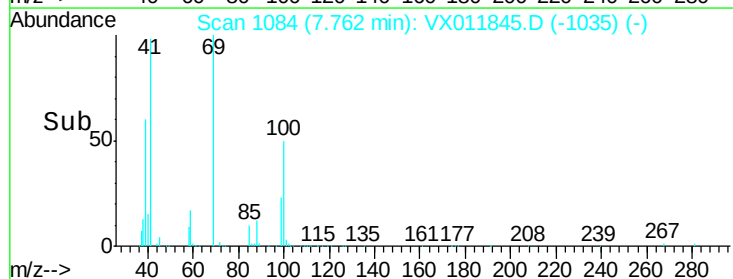
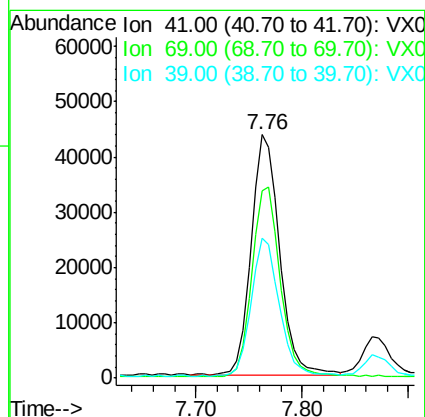
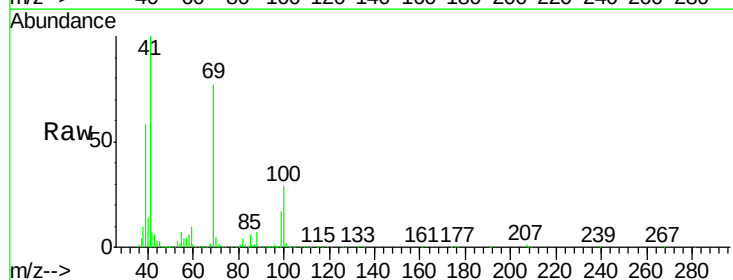
RT: 7.76 min Scan# 1084

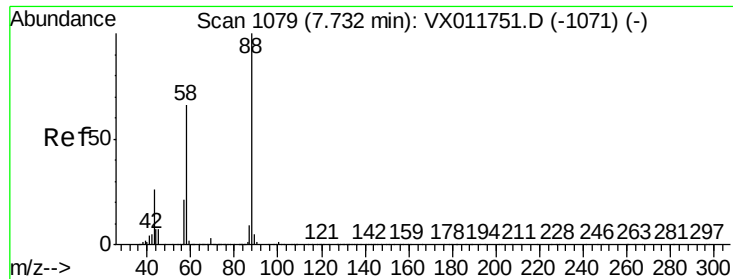
Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Tgt Ion:	41	Resp:	81740
Ion Ratio	Lower	Upper	
41	100		
69	79.1	69.4	104.2
39	56.9	43.6	65.4





#49

1,4-Dioxane

Concen: 382.700 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.01 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

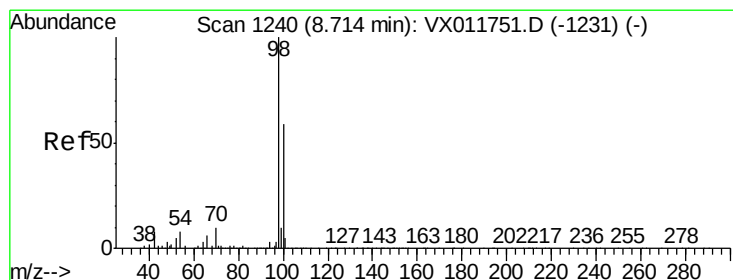
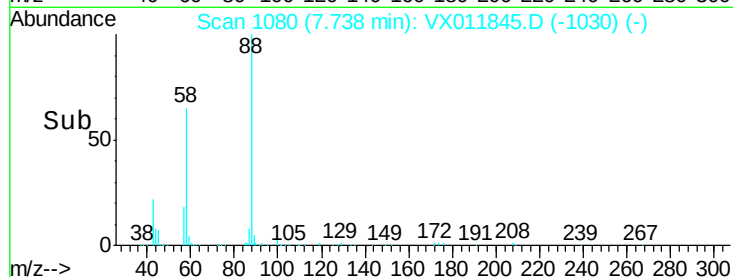
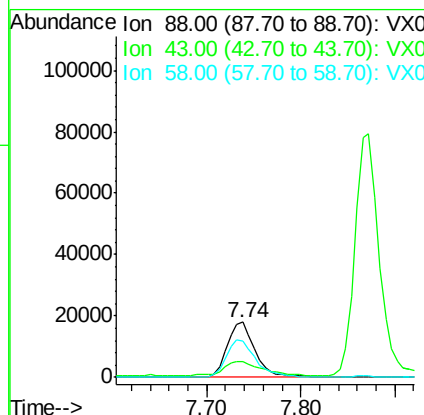
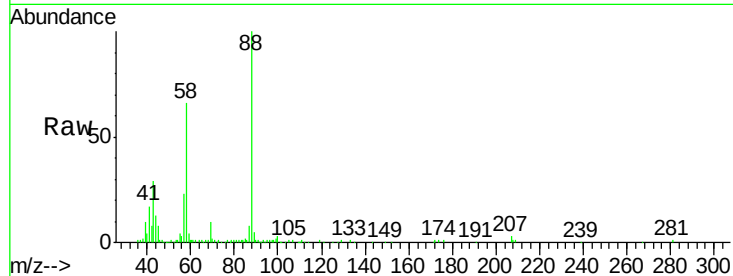
ClientSampleId :

VX0827WBS01

Tot Ion:	88	Resp:	36174
Ion Ratio	Lower	Upper	
88	100		
43	33.8	24.6	37.0
58	71.1	51.4	77.2

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#50

Toluene-d8

Concen: 51.658 ug/l

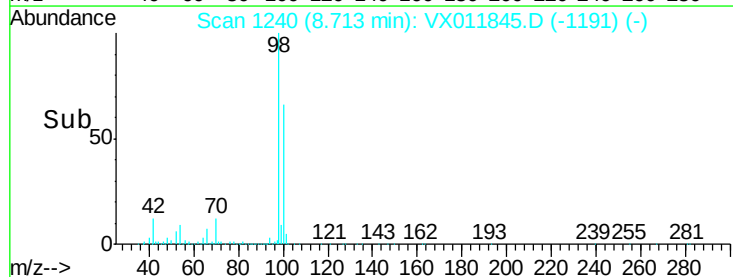
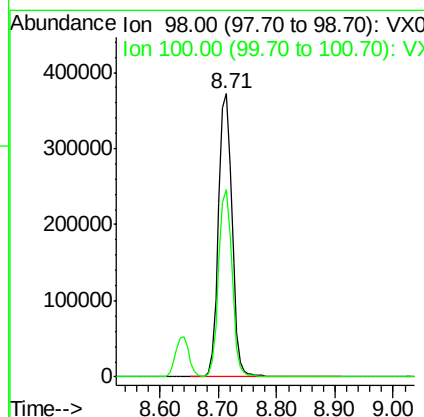
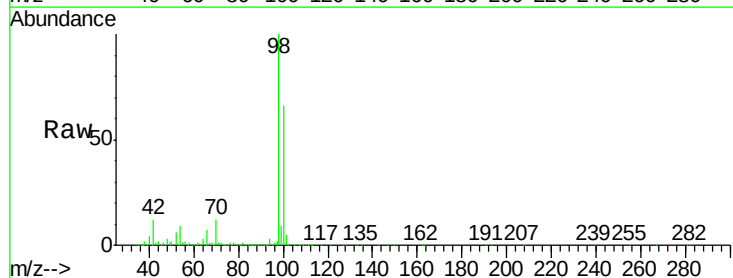
RT: 8.71 min Scan# 1240

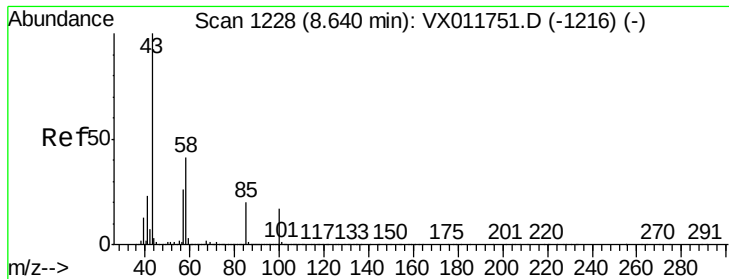
Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Tgt Ion:	98	Resp:	594661
Ion Ratio	Lower	Upper	
98	100		
100	65.9	52.1	78.1





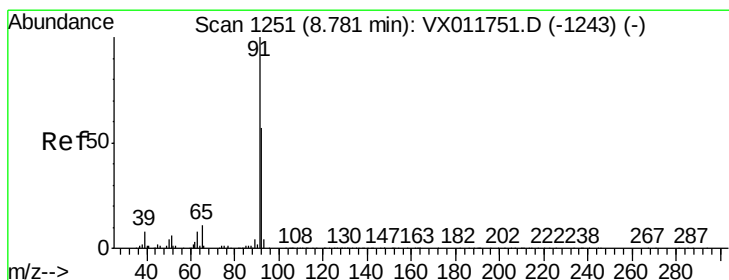
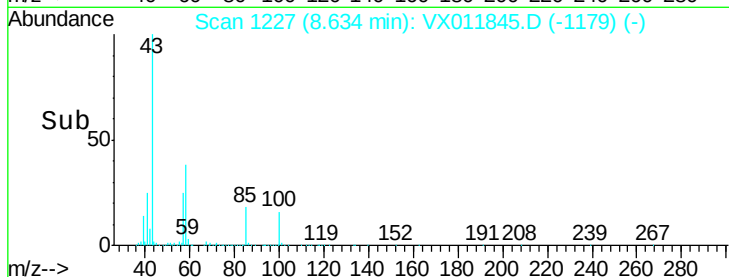
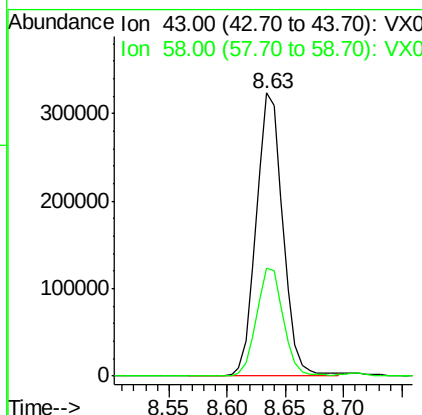
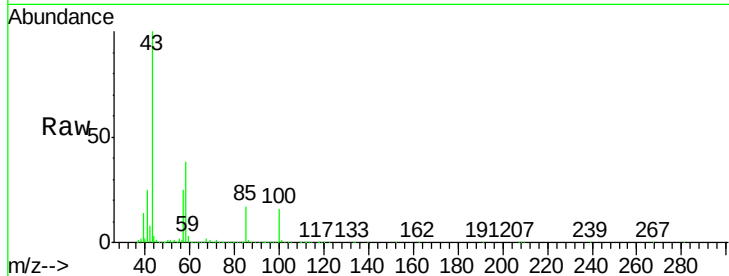
#51
4-Methyl-2-Pentanone
Concen: 114.180 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.5	31.8	47.6

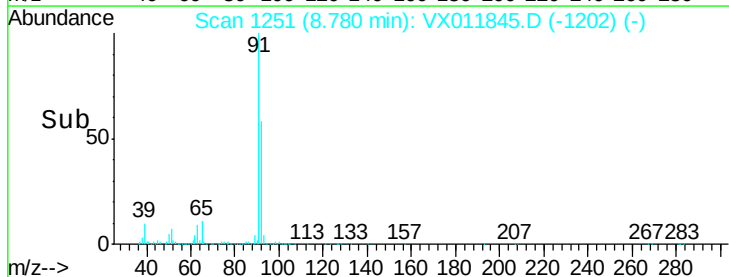
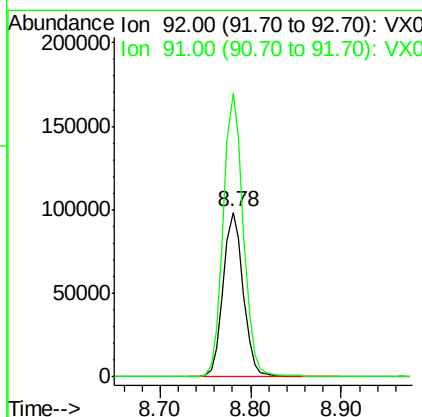
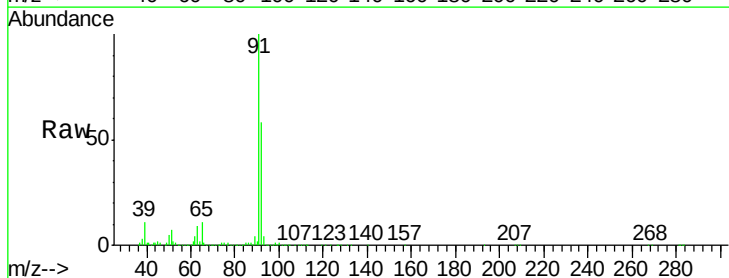
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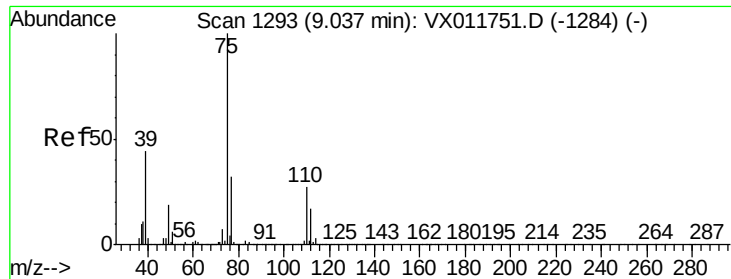
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#52
Toluene
Concen: 19.138 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.2	138.6	207.8





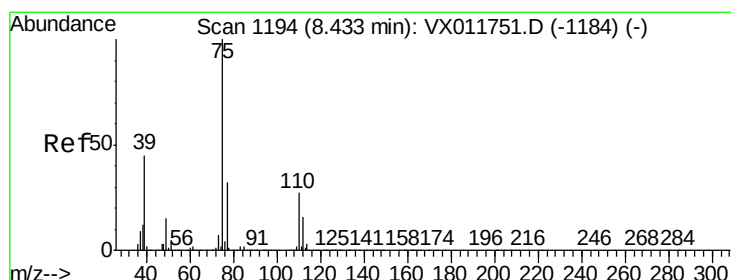
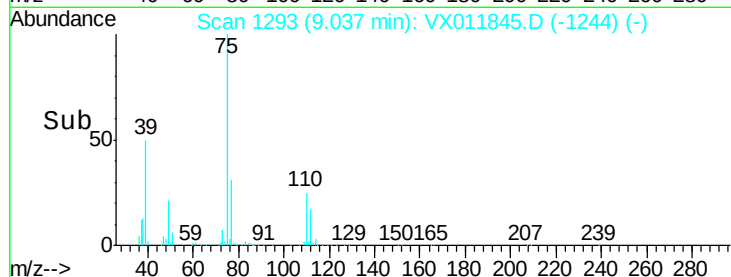
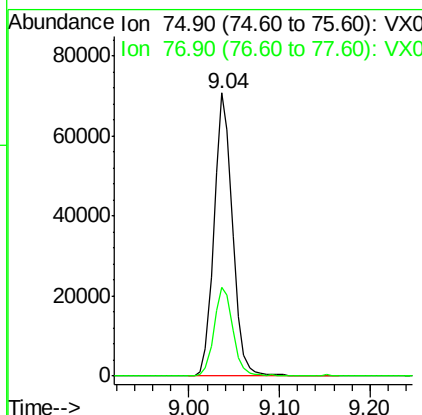
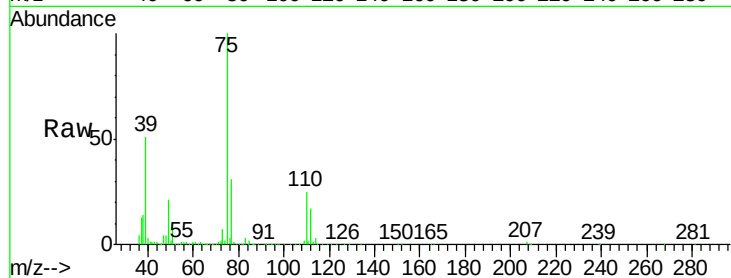
#53
t-1,3-Dichloropropene
Concen: 23.450 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.0

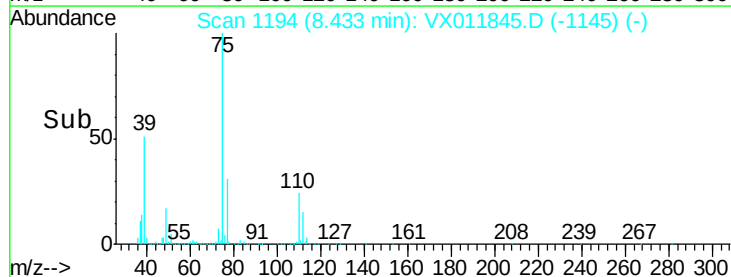
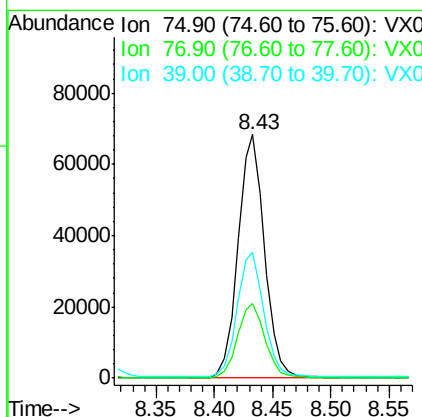
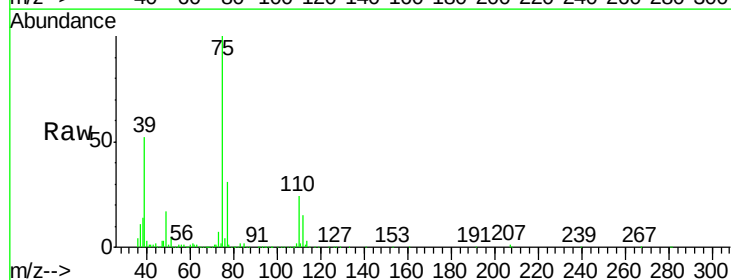
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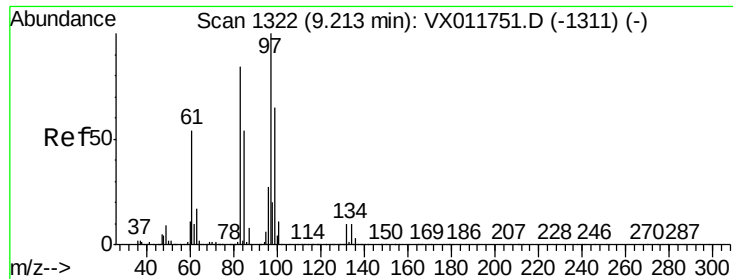
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 22.877 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.4	38.2
39	51.1	36.2	54.4





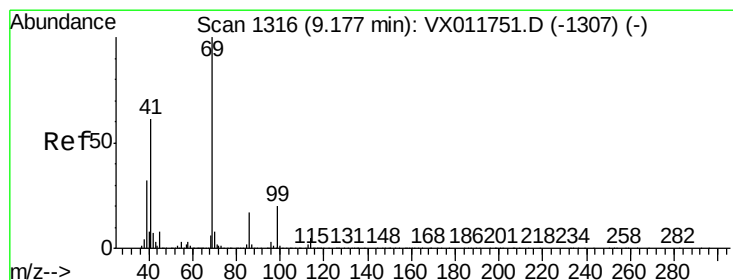
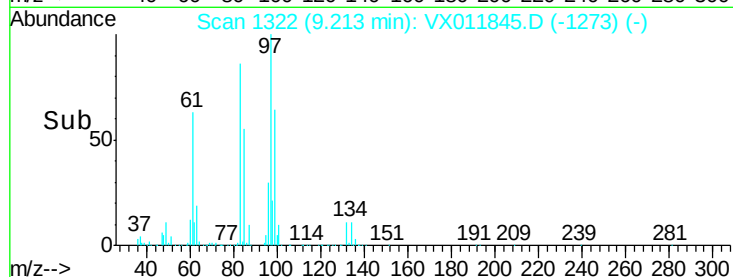
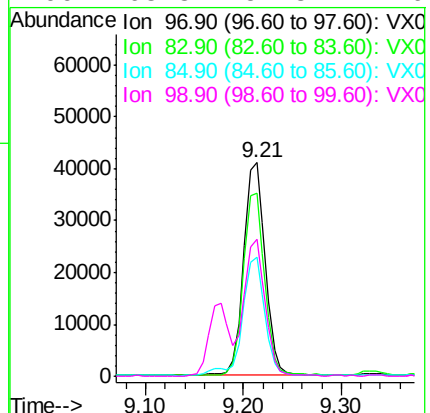
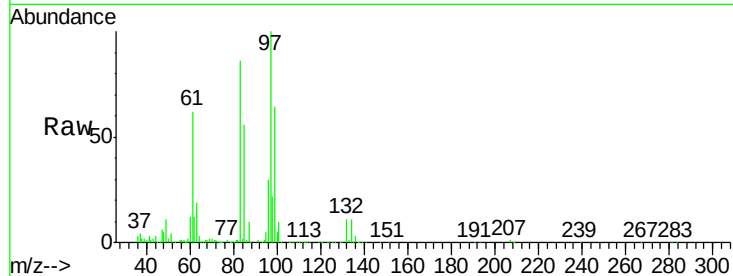
#55
 1,1,2-Trichloroethane
 Concen: 18.873 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011845.D
 Acq: 27 Aug 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBS01

Tot Ion:	97	Resp:	62997
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.3	100.9
85	55.5	43.4	65.2
99	63.8	51.8	77.6

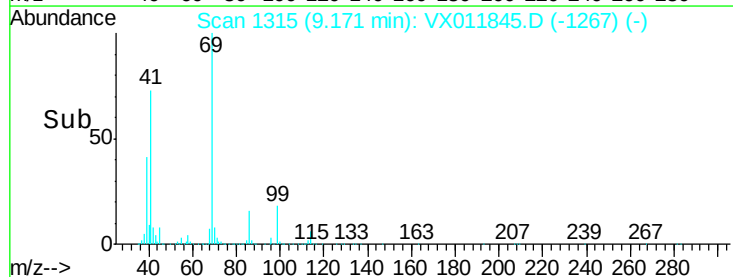
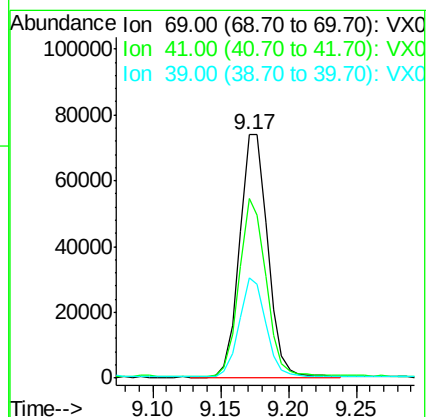
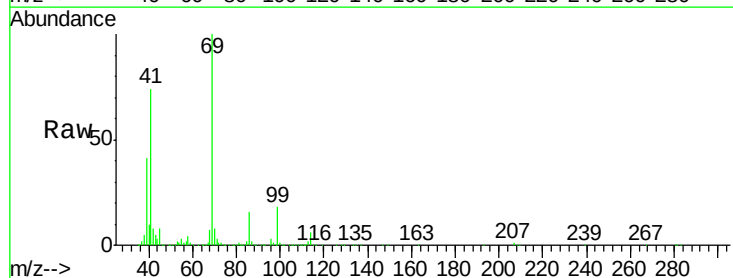
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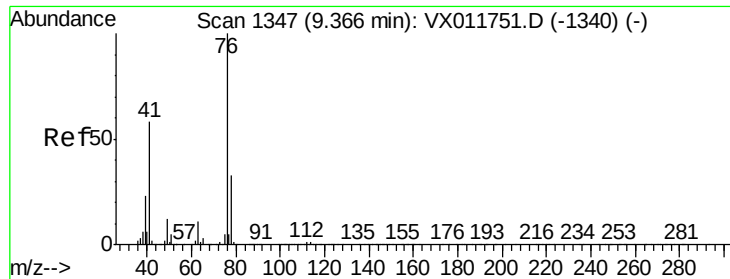
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 8/28/2019 11:44:38 AM



#56
 Ethyl methacrylate
 Concen: 22.445 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011845.D
 Acq: 27 Aug 2019 13:19

Tgt Ion:	69	Resp:	106550
Ion	Ratio	Lower	Upper
69	100		
41	69.5	50.7	76.1
39	38.9	26.4	39.6





#57

1,3-Dichloropropane

Concen: 19.520 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBS01

Tot Ion: 76 Resp: 105211

Ion Ratio Lower Upper

76 100

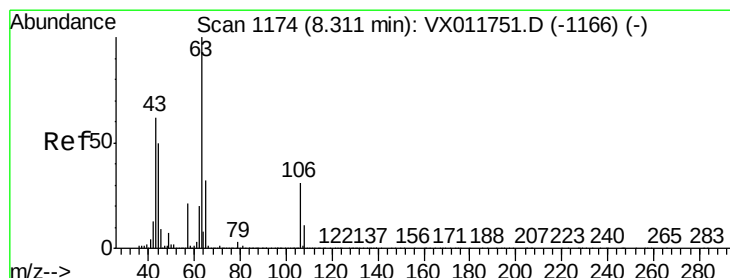
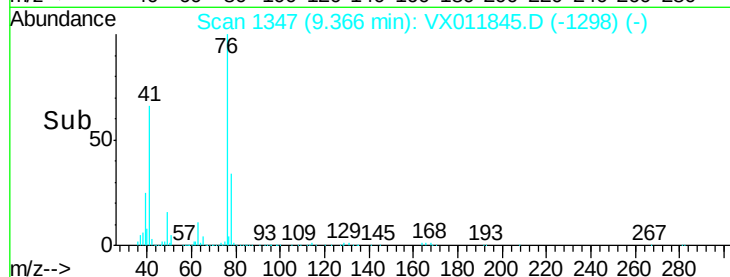
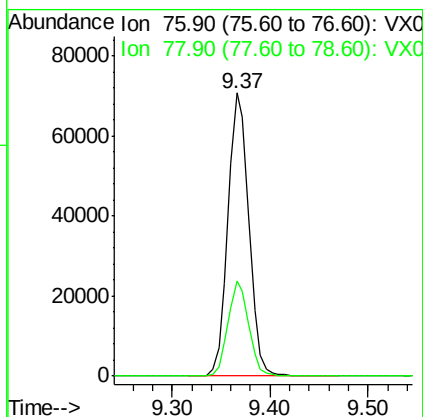
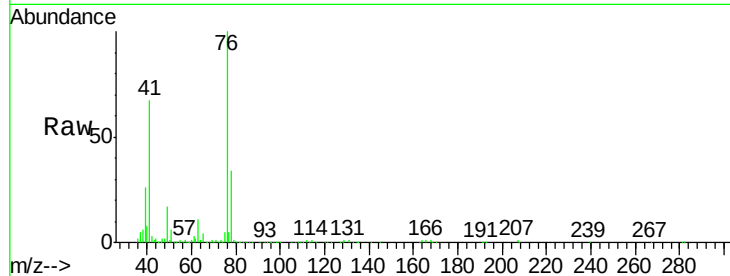
78 32.9 26.6 39.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 118.501 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011845.D

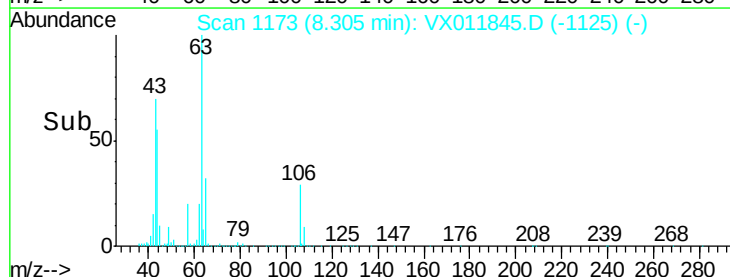
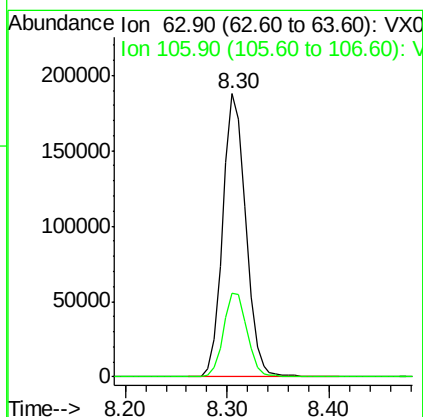
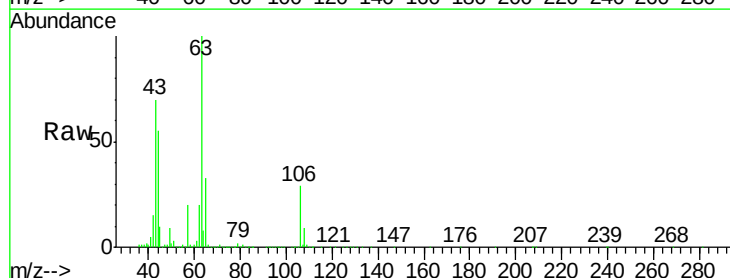
Acq: 27 Aug 2019 13:19

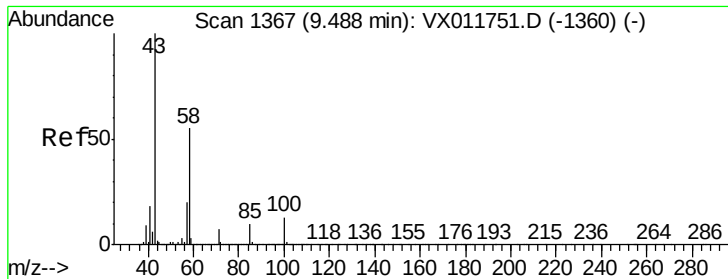
Tgt Ion: 63 Resp: 295915

Ion Ratio Lower Upper

63 100

106 30.3 24.9 37.3





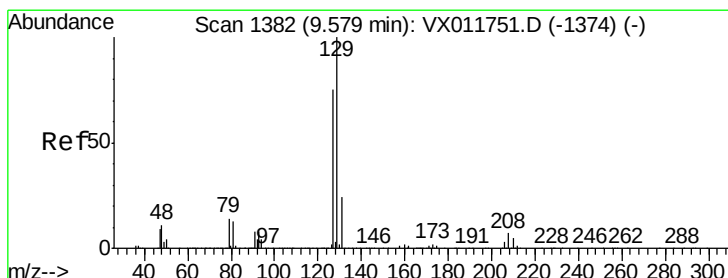
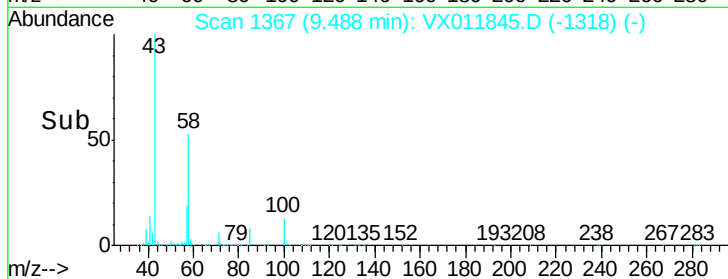
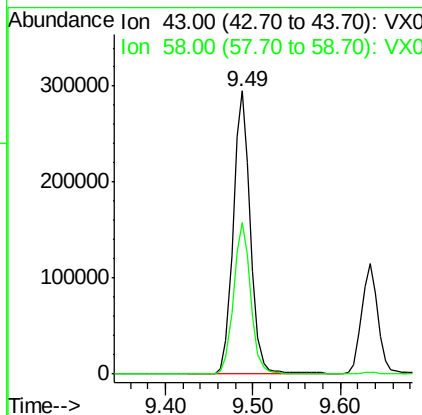
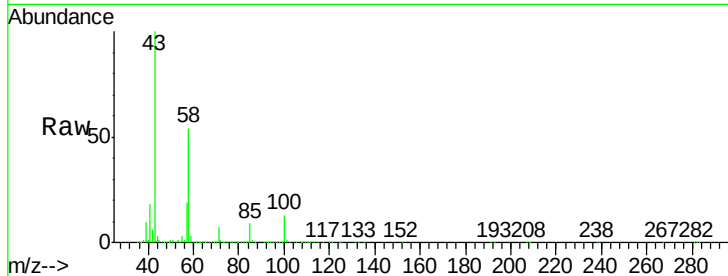
#59
2-Hexanone
Concen: 115.761 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion: 43 Resp: 401332
Ion Ratio Lower Upper
43 100
58 53.7 27.7 83.1

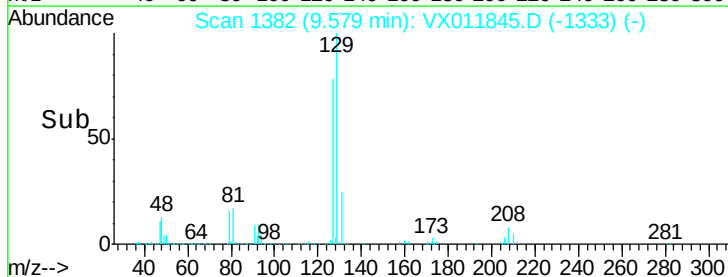
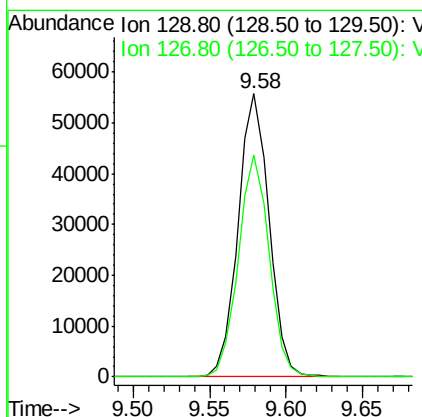
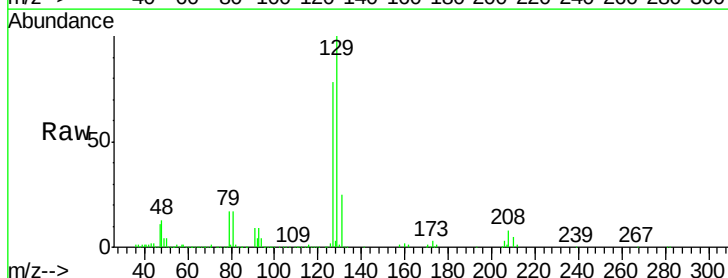
Manual Integrations
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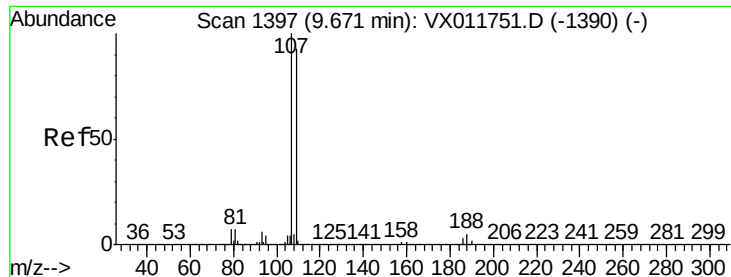
MMDadoda
8/28/2019 11:44:38 AM



#60
Dibromochloromethane
Concen: 21.659 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion: 129 Resp: 78167
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.254 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBS01

Tot Ion:107 Resp: 68961

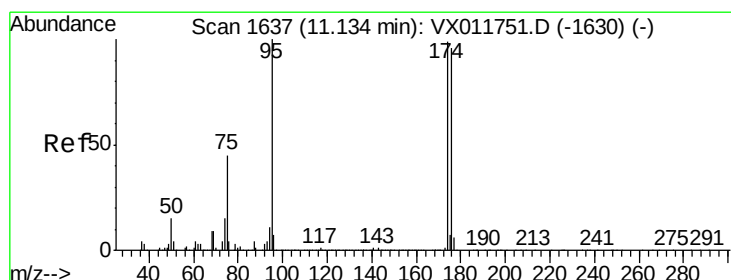
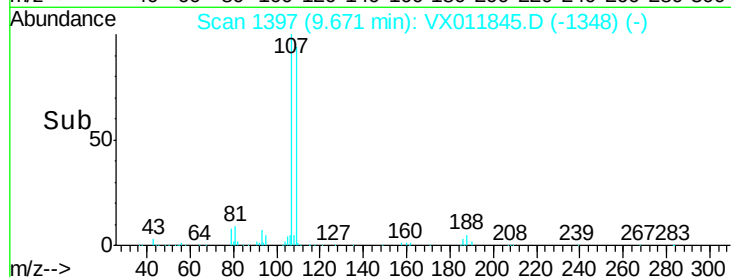
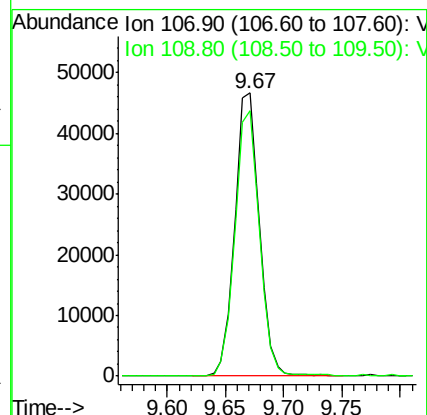
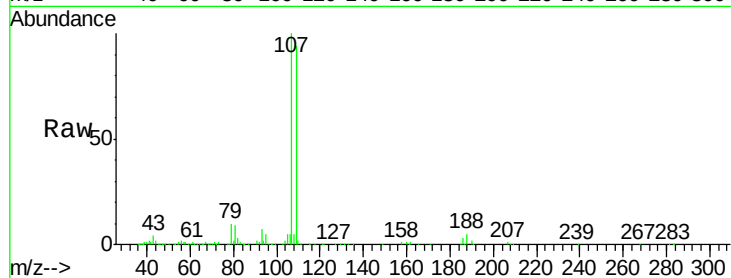
Ion Ratio Lower Upper

107 100

109 92.8 75.8 113.8

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 49.274 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

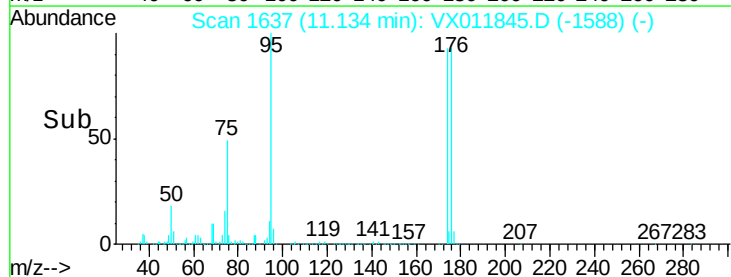
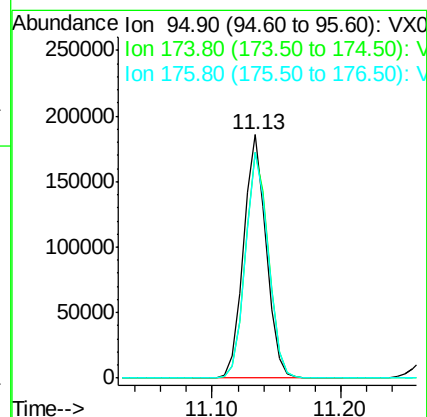
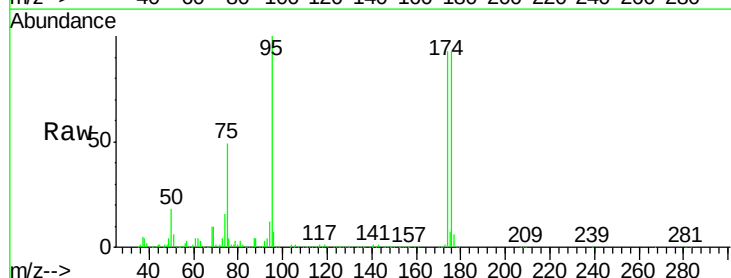
Tgt Ion: 95 Resp: 224197

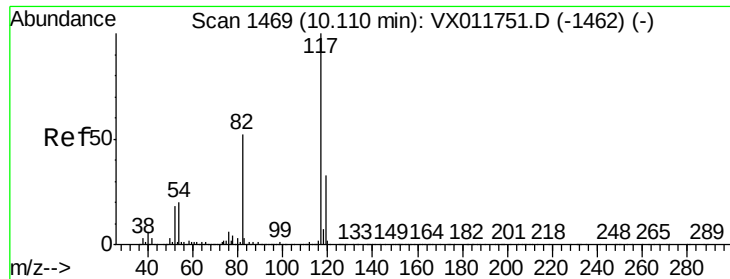
Ion Ratio Lower Upper

95 100

174 94.5 0.0 197.4

176 93.5 0.0 194.4





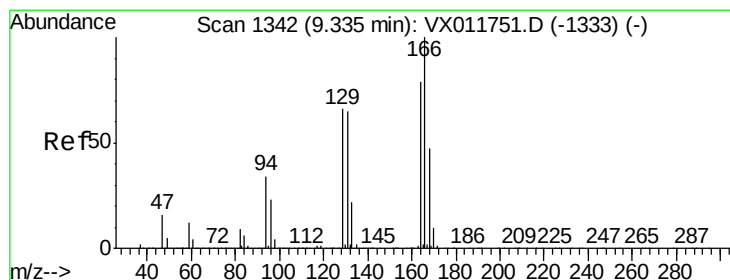
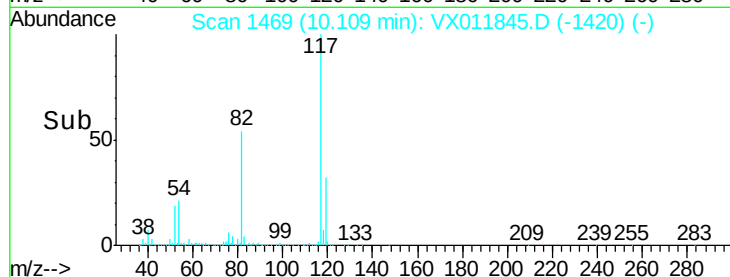
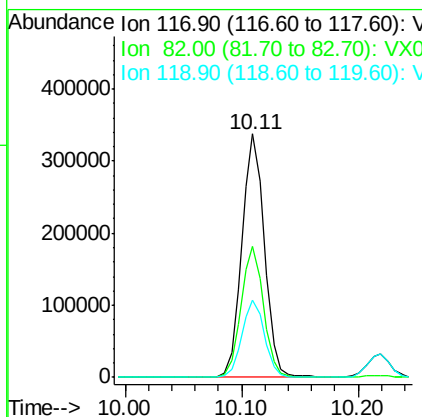
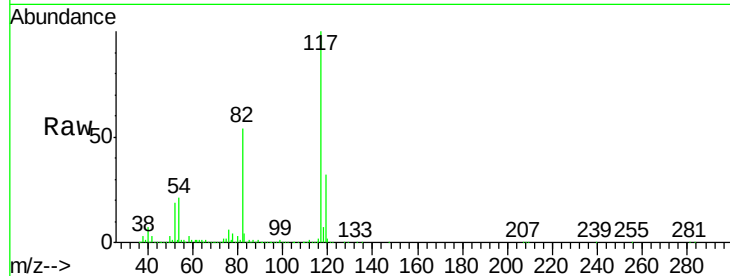
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	456361		
82	53.9	41.7	62.5	
119	31.9	26.2	39.2	

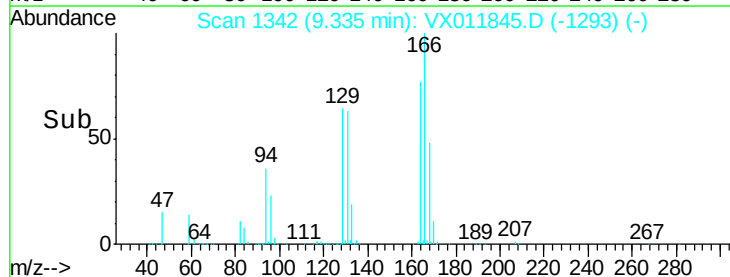
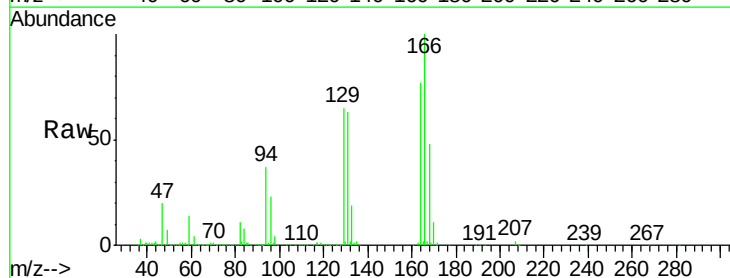
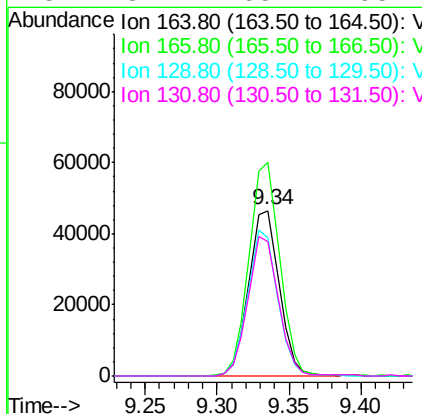
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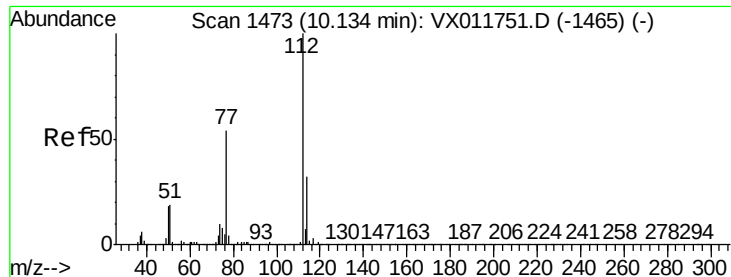
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#64
Tetrachloroethene
Concen: 18.770 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	68338		
166	129.2	100.7	151.1	
129	83.4	66.8	100.2	
131	81.2	65.4	98.2	





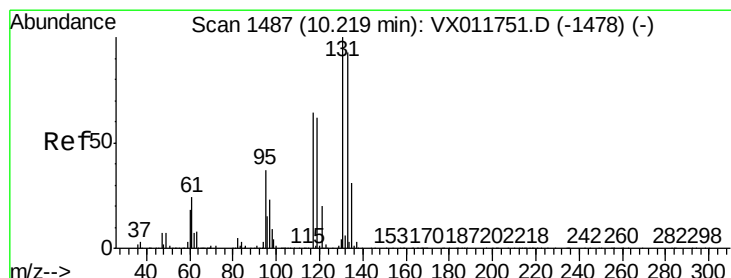
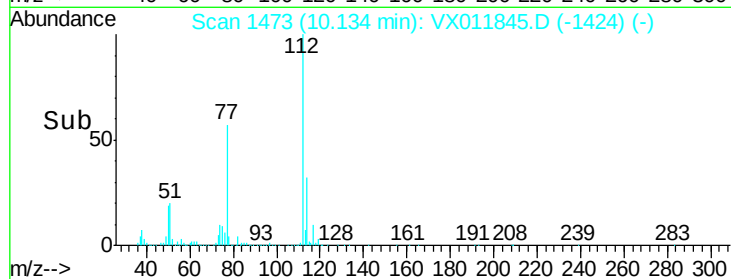
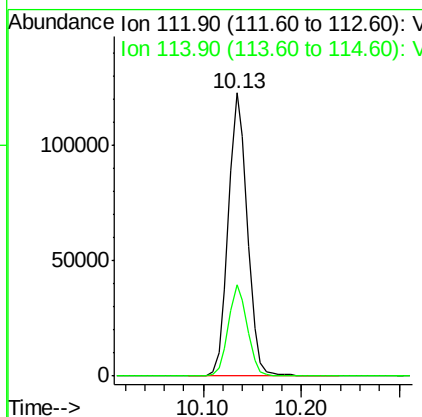
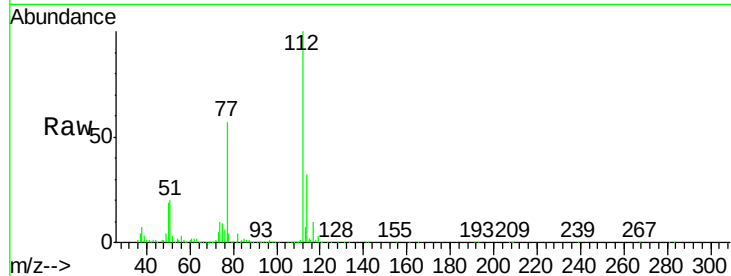
#65
Chlorobenzene
Concen: 18.693 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampled :
VX0827WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	166548		
114	32.3	25.4	38.0	

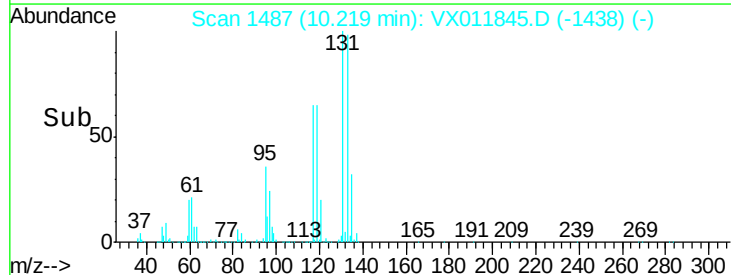
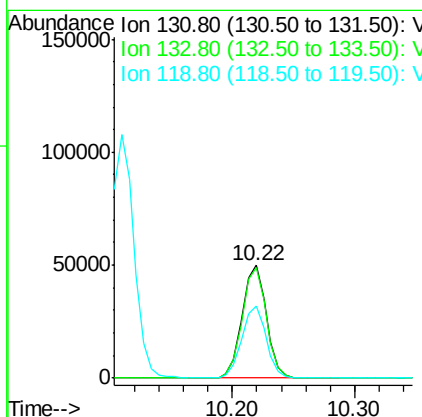
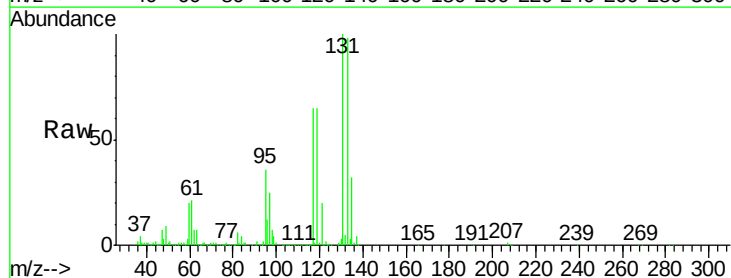
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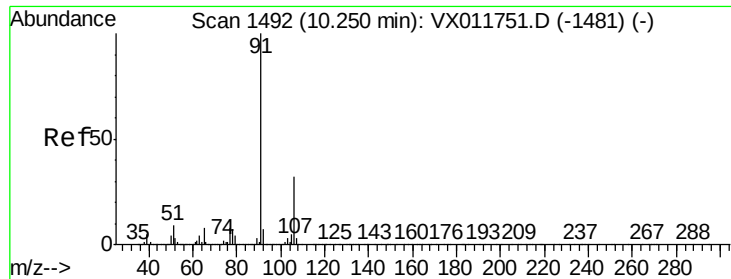
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.687 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	69058		
133	97.2	47.8	143.4	
119	63.4	31.3	93.8	





#67

Ethyl Benzene

Concen: 19.801 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBS01

Tot Ion: 91 Resp: 294824

Ion Ratio Lower Upper

91 100

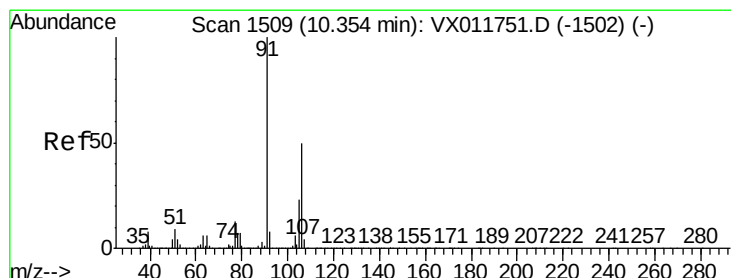
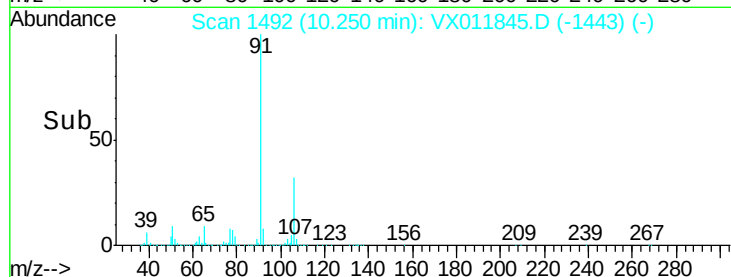
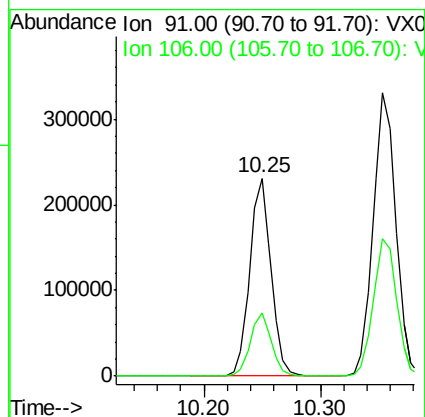
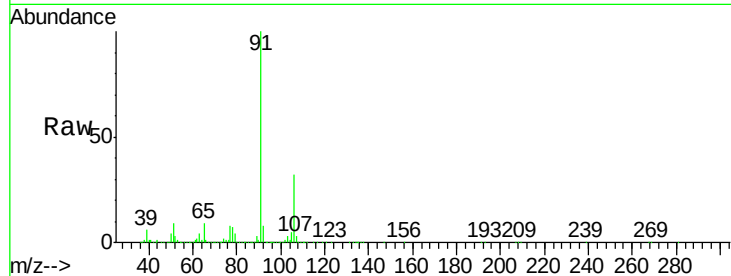
106 32.3 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.155 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VX011845.D

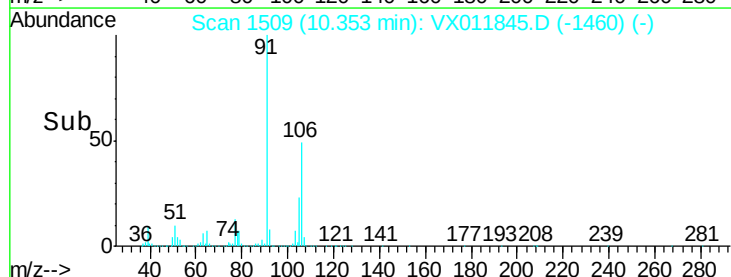
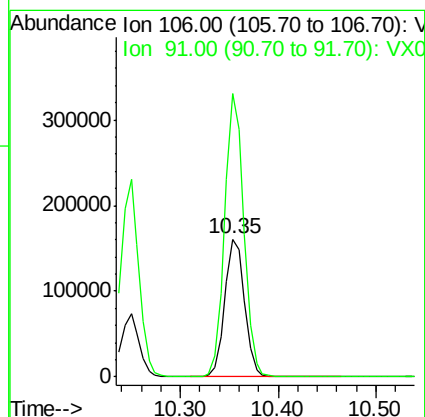
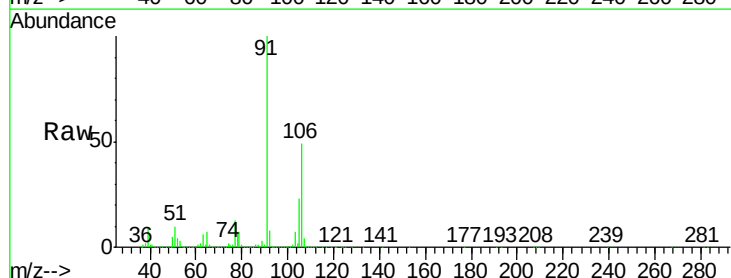
Acq: 27 Aug 2019 13:19

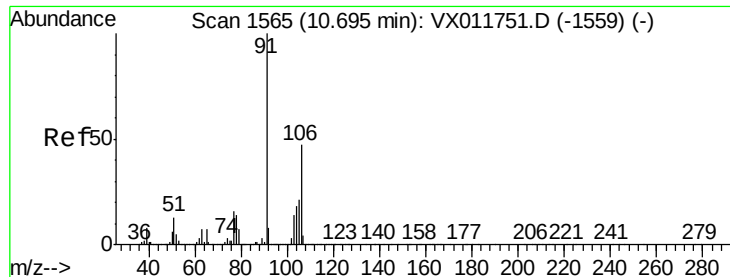
Tgt Ion: 106 Resp: 224790

Ion Ratio Lower Upper

106 100

91 199.7 158.3 237.5





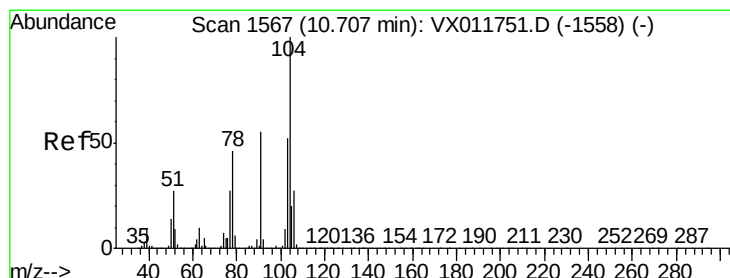
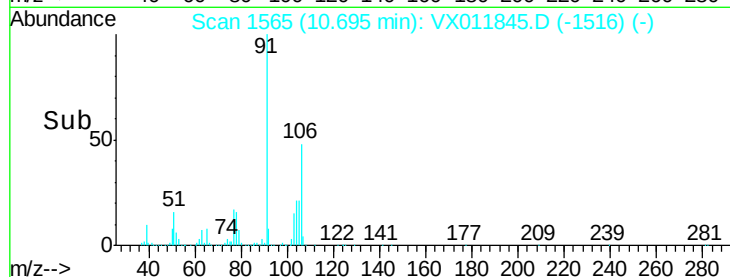
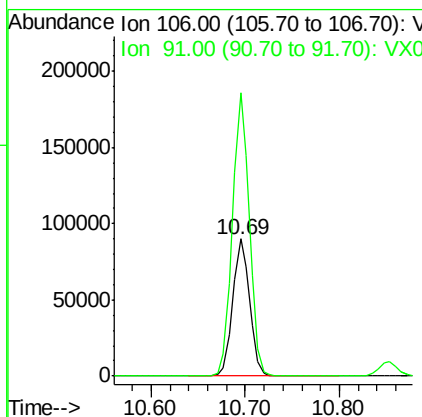
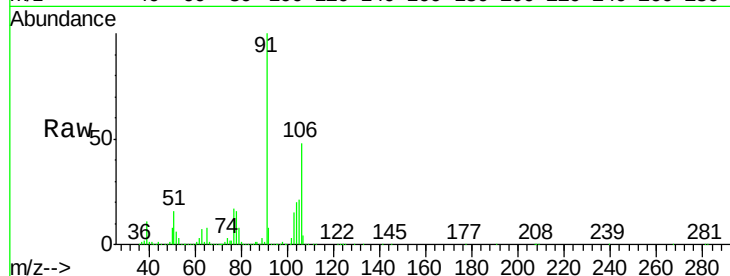
#69
o-Xylene
Concen: 19.842 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.3	105.0	314.9

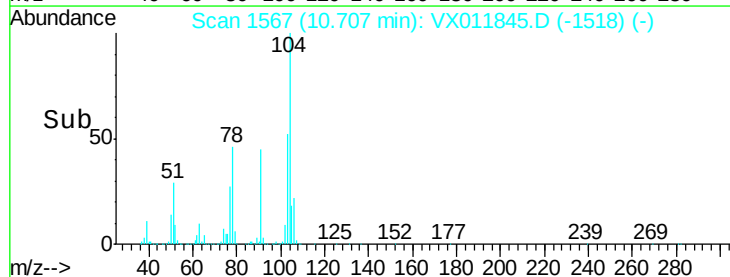
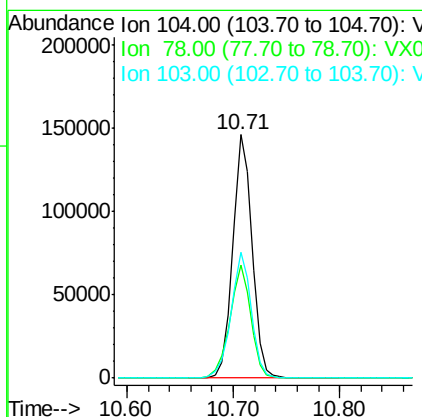
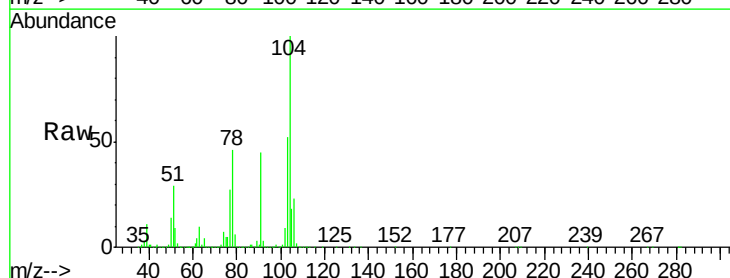
Manual Integrations
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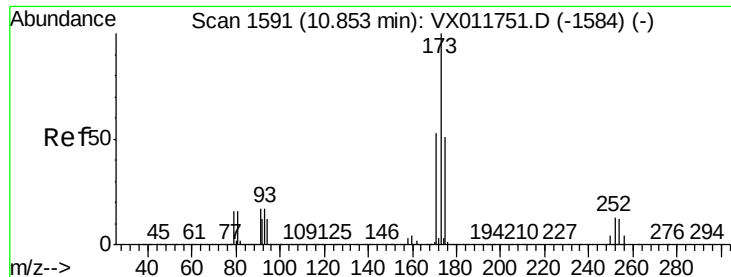
MMDadoda
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#70
Styrene
Concen: 19.851 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	39.2	58.8
103	54.5	44.5	66.7





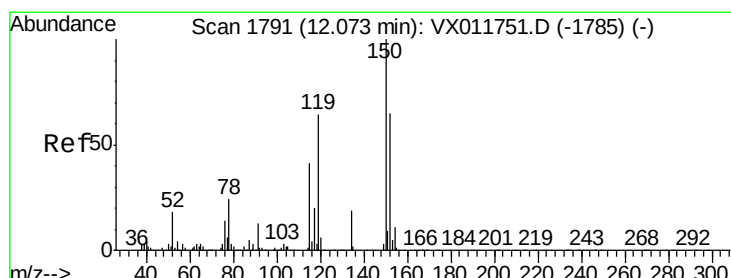
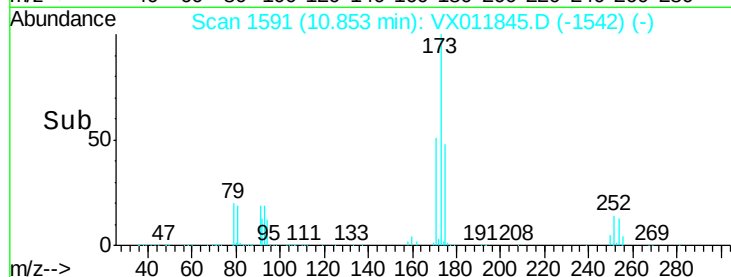
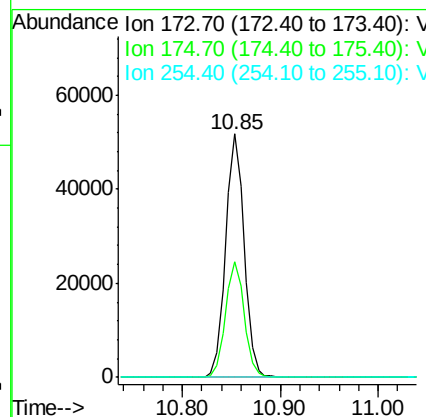
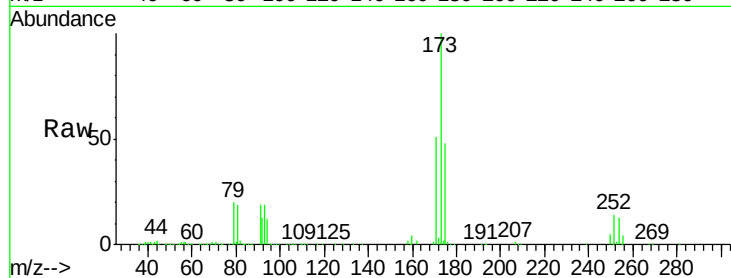
#71
Bromoform
Concen: 23.631 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	25.1	75.3
254	0.1	0.2	0.4

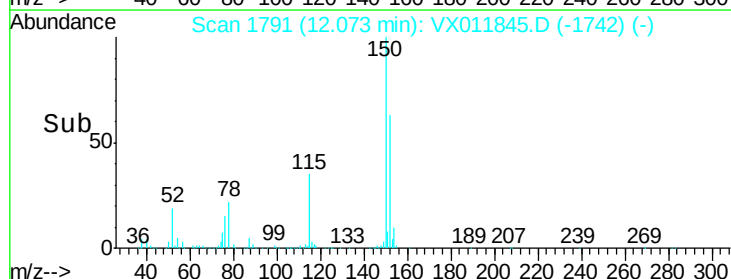
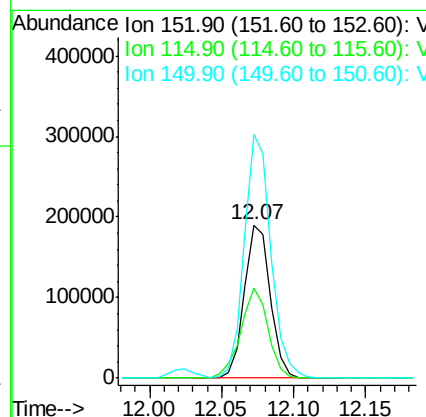
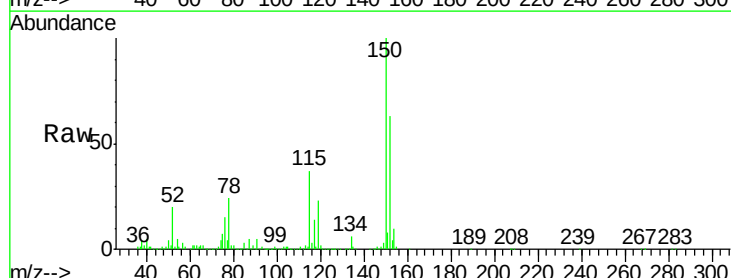
Manual Integrations
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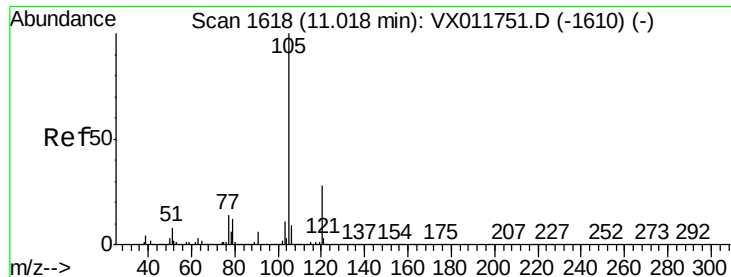
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	37.3	111.8
150	163.6	0.0	343.0





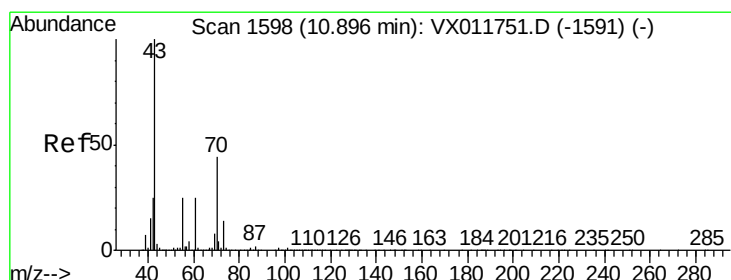
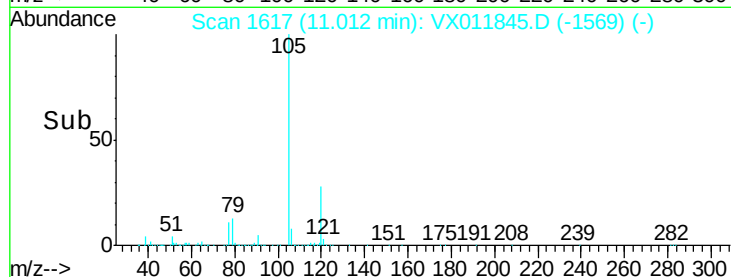
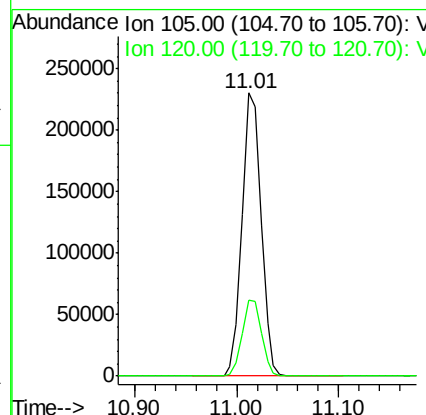
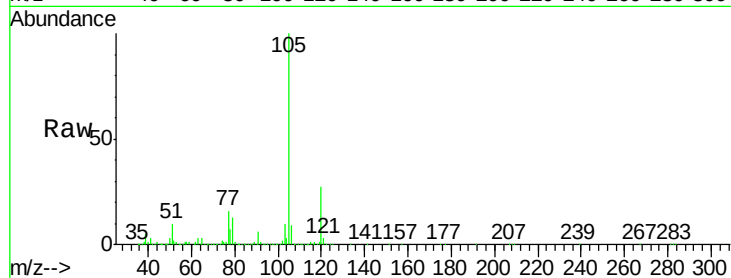
#73
Isopropylbenzene
Concen: 20.728 ug/l
RT: 11.01 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.9	41.7

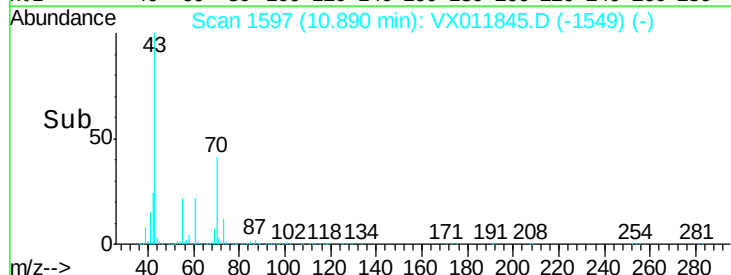
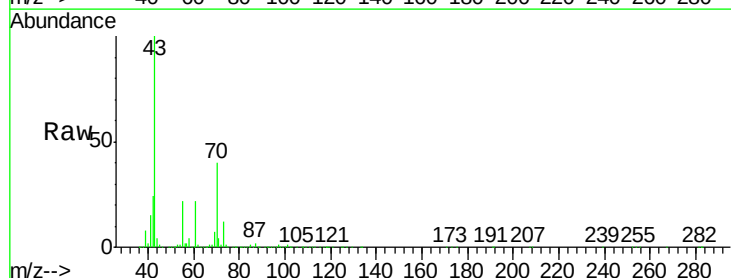
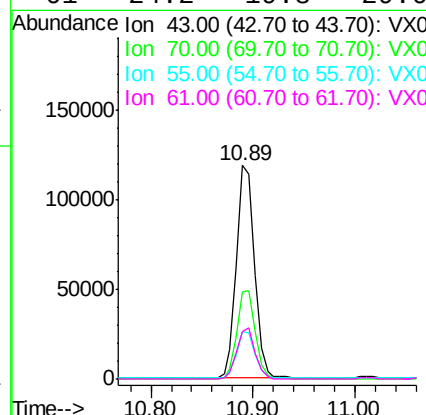
Manual Integrations
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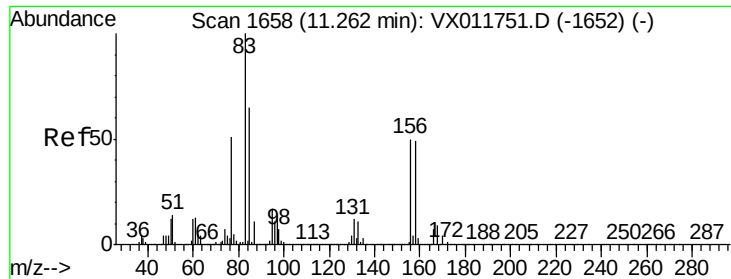
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#74
N-ethyl acetate
Concen: 26.140 ug/l
RT: 10.89 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.5	34.8	52.2
55	22.5	19.5	29.3
61	24.2	19.8	29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.049 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

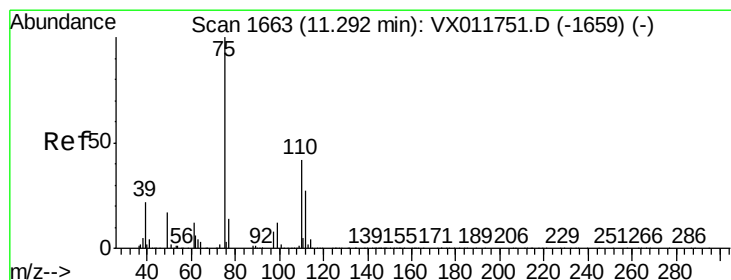
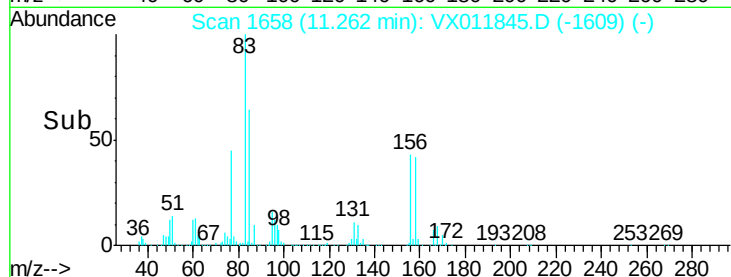
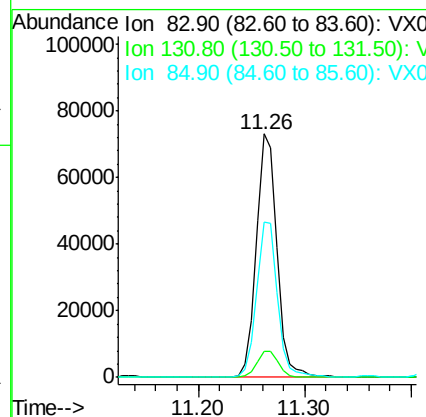
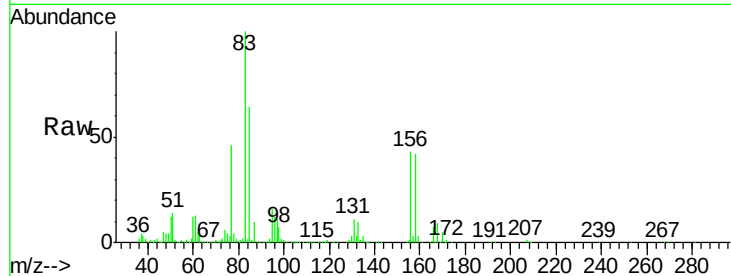
ClientSampleId :

VX0827WBS01

Tot Ion:	83	Resp:	99206
Ion Ratio	Lower	Upper	
83	100		
131	11.4	6.1	18.3
85	64.6	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.222 ug/l m

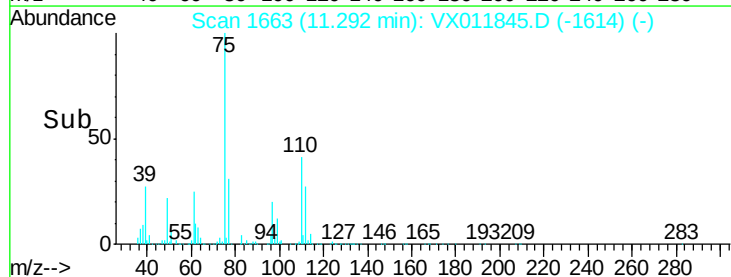
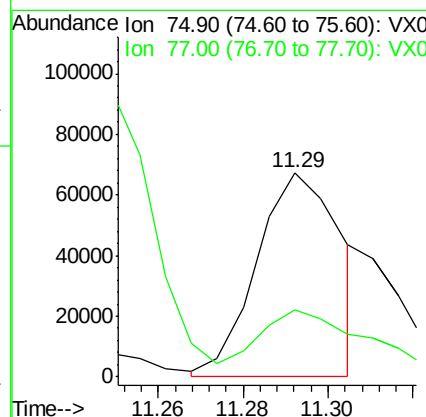
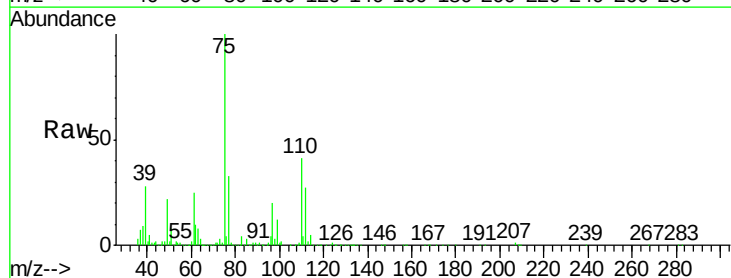
RT: 11.29 min Scan# 1663

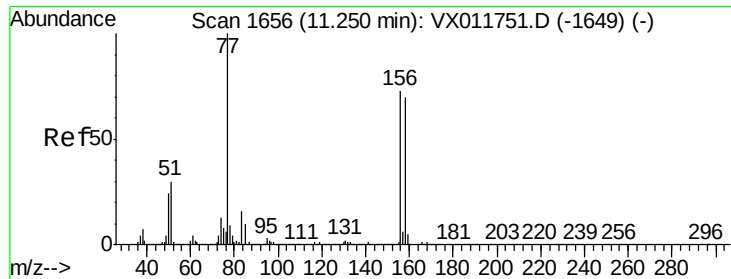
Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Tgt Ion:	75	Resp:	92132
Ion Ratio	Lower	Upper	
75	100		
77	42.7	21.1	63.3





#77

Bromobenzene

Concen: 19.333 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

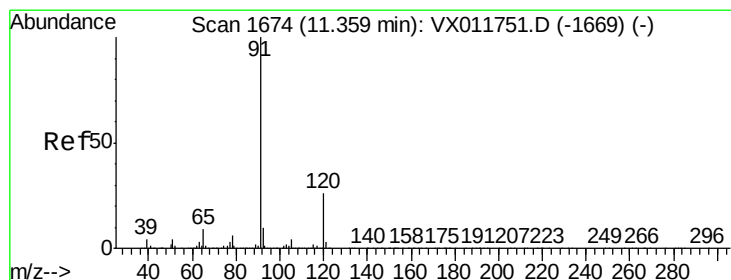
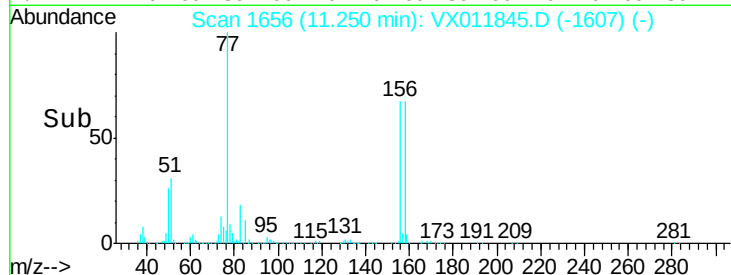
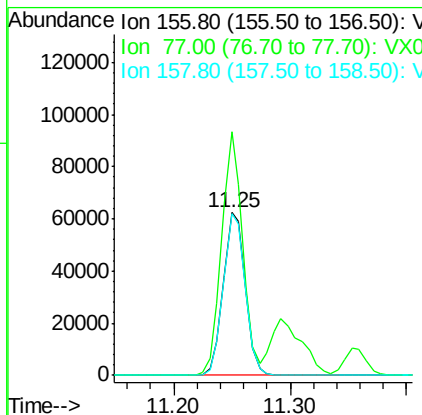
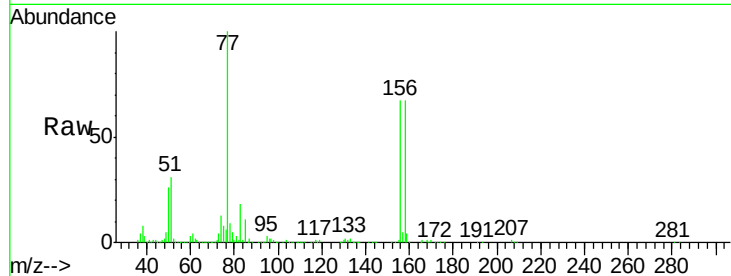
ClientSampleId :

VX0827WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		81154		
77	142.1	65.3	196.0		
158	98.6	48.4	145.0		

Manual Integrations
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8/28/2019 11:44:38 AM



#78

n-propylbenzene

Concen: 21.097 ug/l

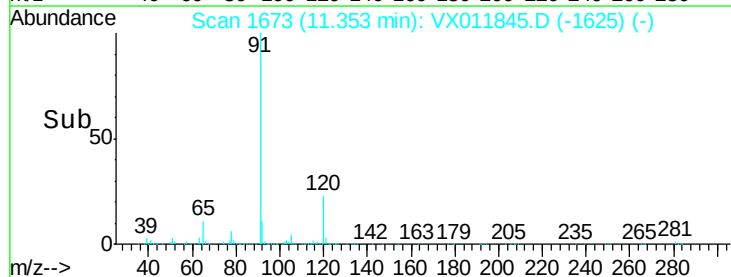
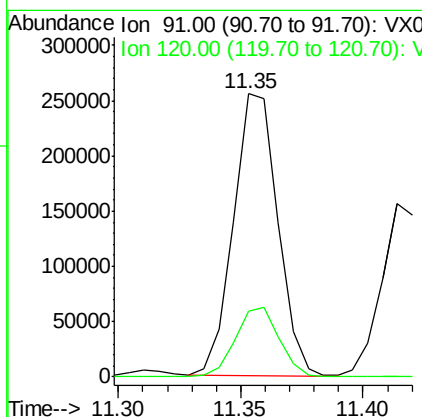
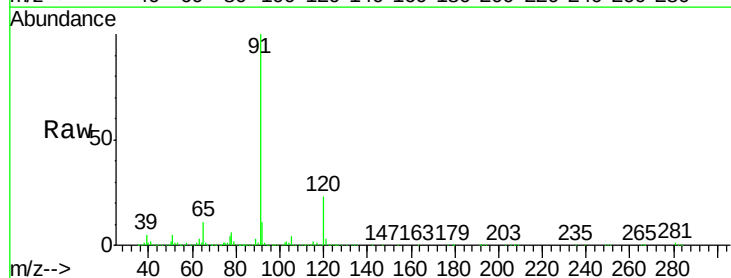
RT: 11.35 min Scan# 1673

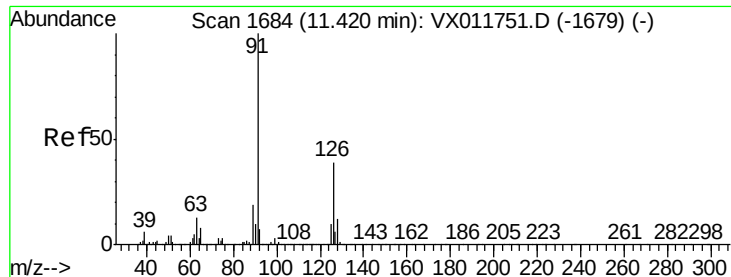
Delta R.T. -0.01 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		321205		
120	24.5	12.7	38.1		





#79

2-Chlorotoluene

Concen: 20.663 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBS01

Tot Ion: 91 Resp: 195729

Ion Ratio Lower Upper

91 100

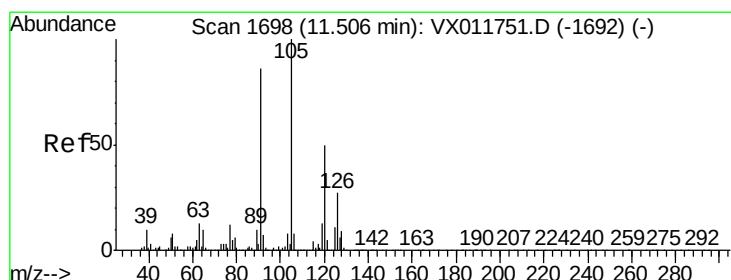
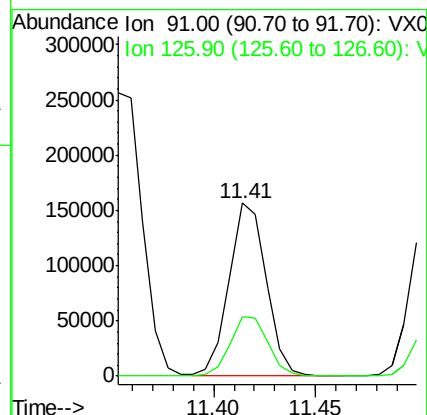
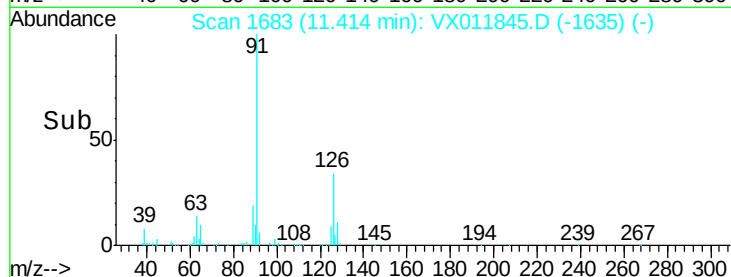
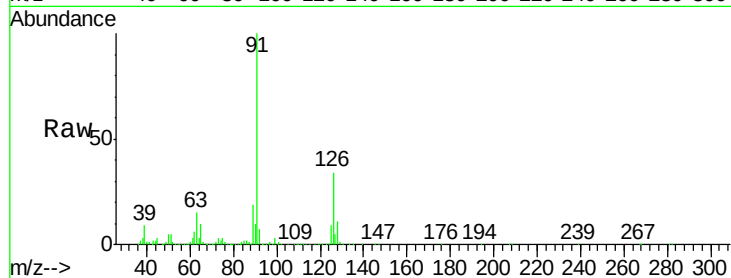
126 35.0 18.6 55.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.695 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011845.D

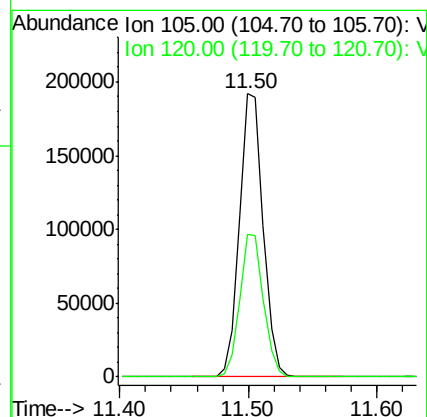
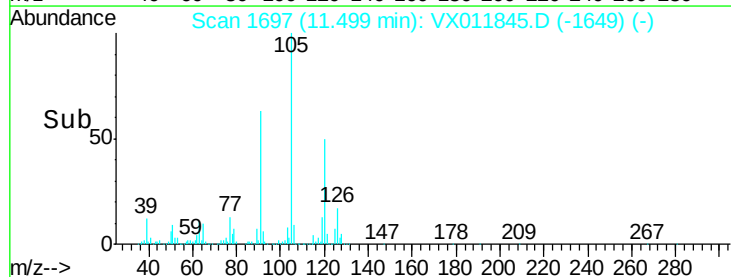
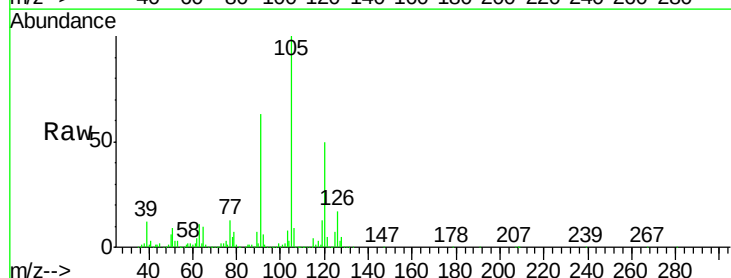
Acq: 27 Aug 2019 13:19

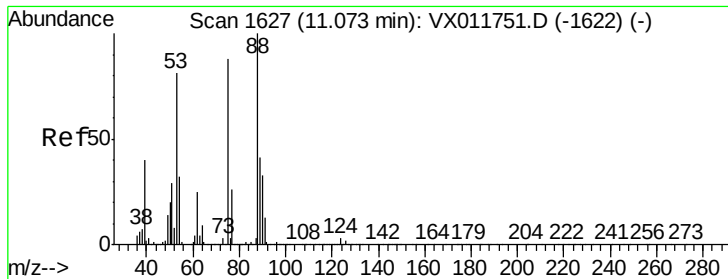
Tgt Ion: 105 Resp: 245865

Ion Ratio Lower Upper

105 100

120 50.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 27.364 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

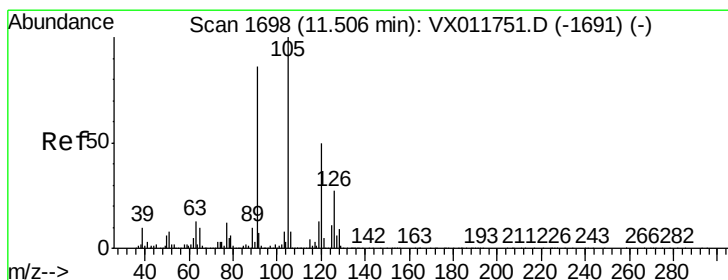
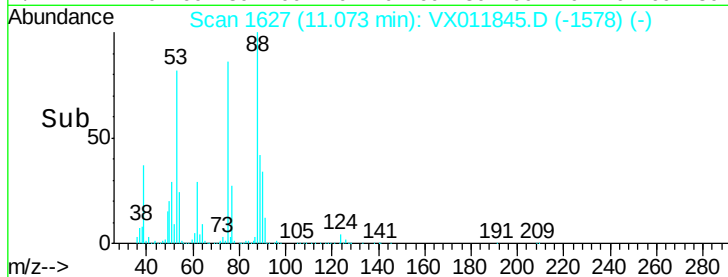
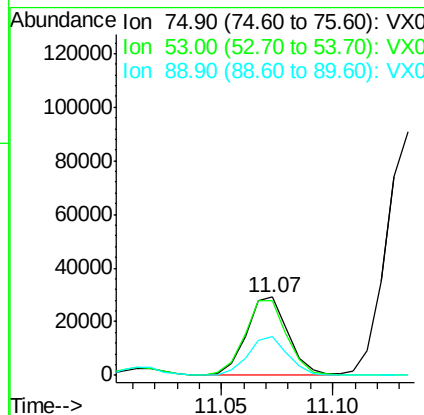
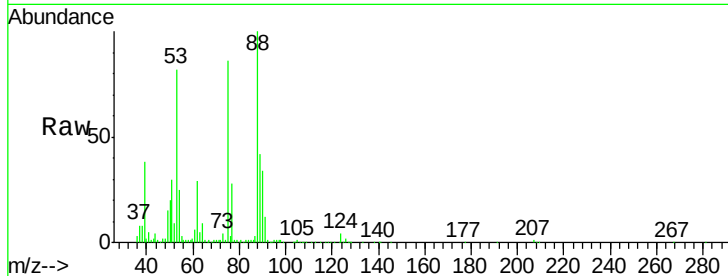
ClientSampleId :

VX0827WBS01

Tot Ion:	75	Resp:	37619
Ion	Ratio	Lower	Upper
75	100		
53	96.3	77.1	115.7
89	48.2	38.5	57.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.539 ug/l

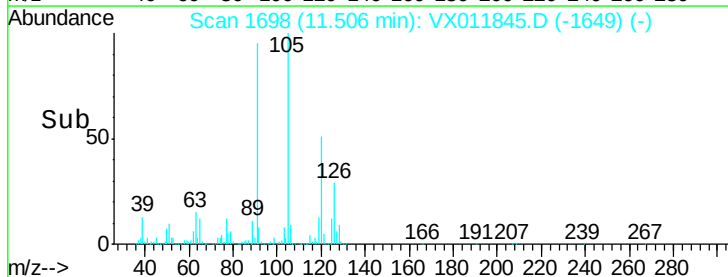
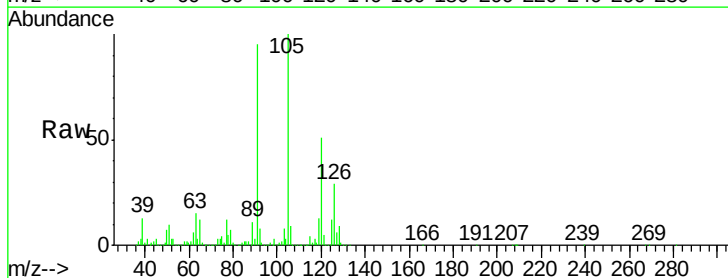
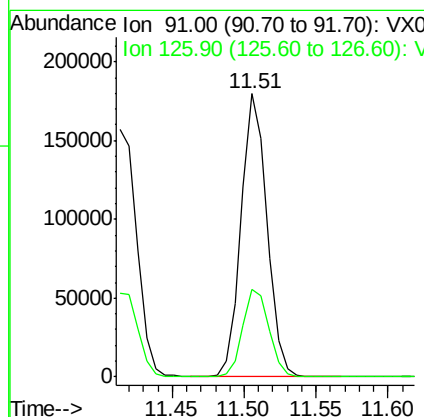
RT: 11.51 min Scan# 1698

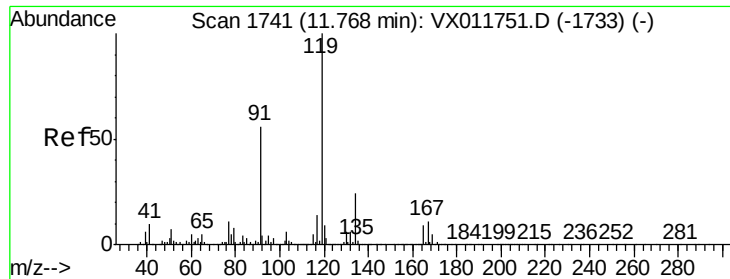
Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Tgt Ion:	91	Resp:	224251
Ion	Ratio	Lower	Upper
91	100		
126	31.3	16.2	48.6





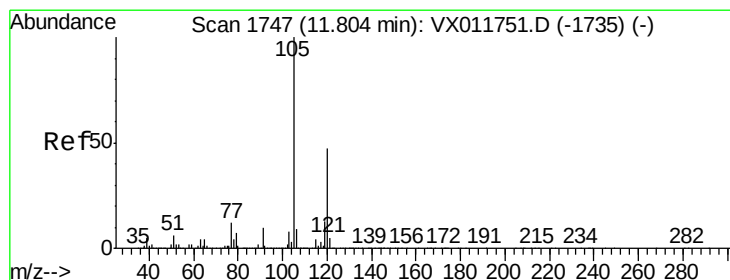
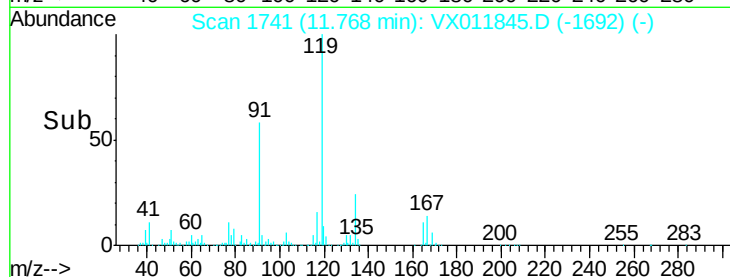
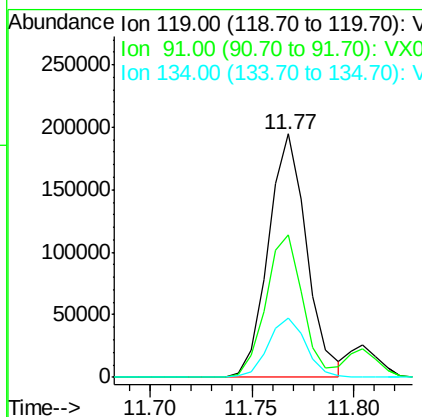
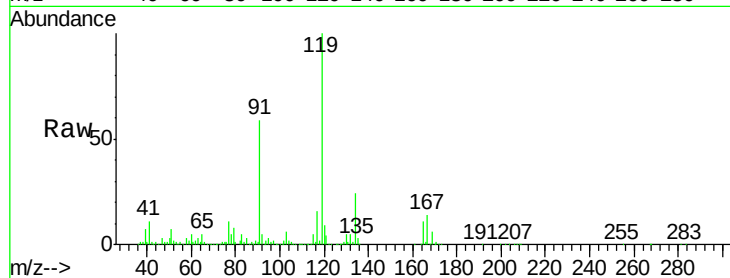
#83
 tert-Butylbenzene
 Concen: 21.669 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011845.D
 Acq: 27 Aug 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	253996		
91	55.8	27.7	83.1	
134	23.9	11.8	35.3	

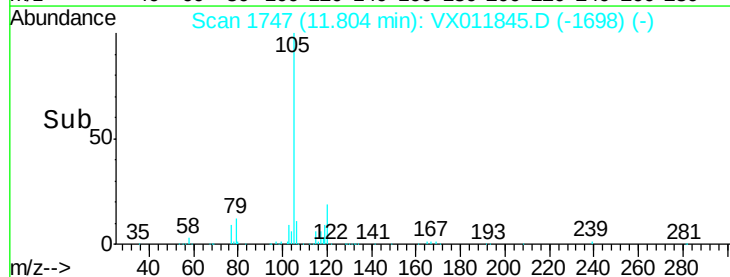
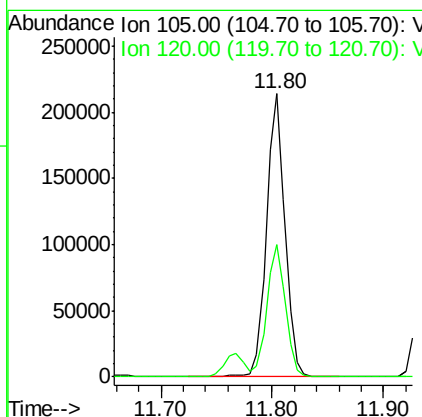
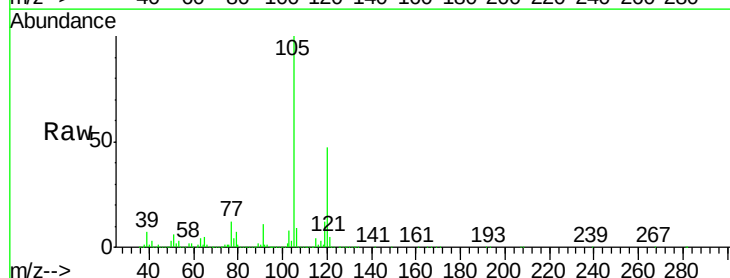
Manual Integrations
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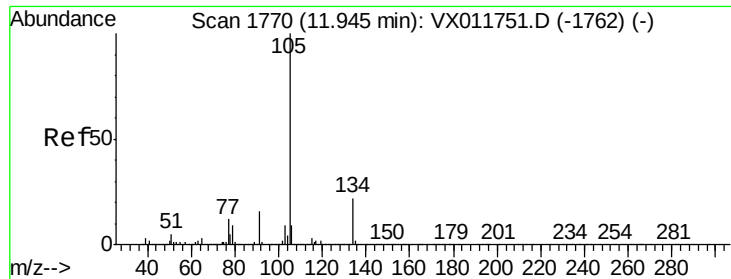
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.749 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011845.D
 Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248936		
120	46.8	23.7	71.1	





#85

sec-Butylbenzene

Concen: 21.217 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampled :

VX0827WBS01

Tot Ion:105 Resp: 284486

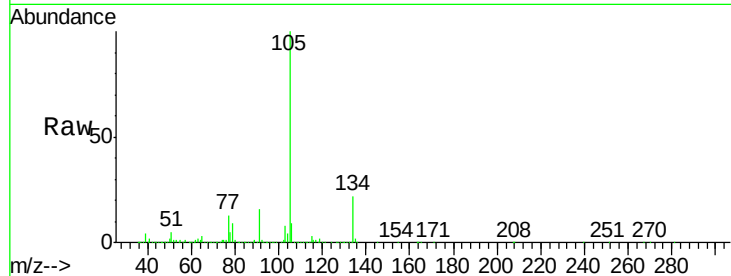
Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.3

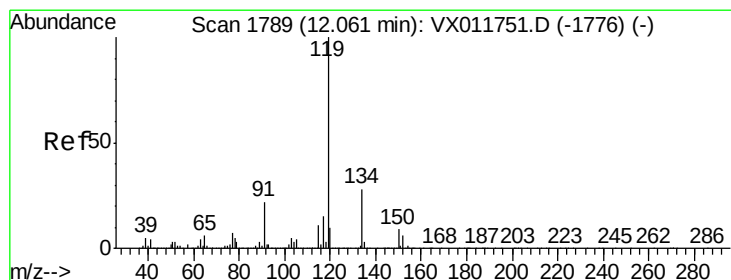
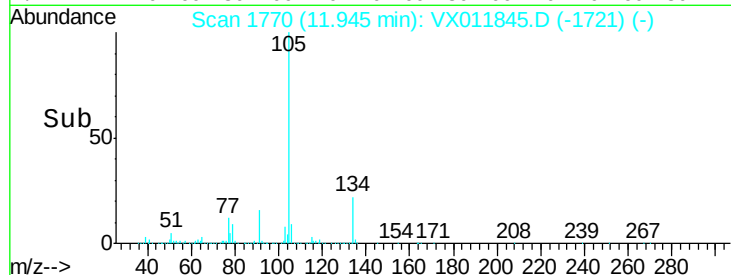
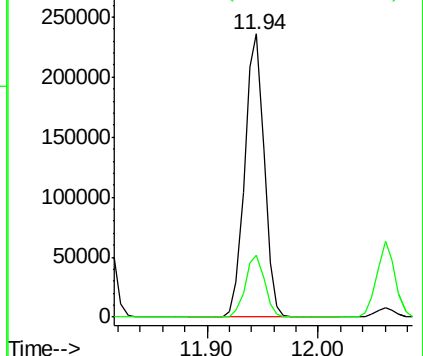
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.600 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

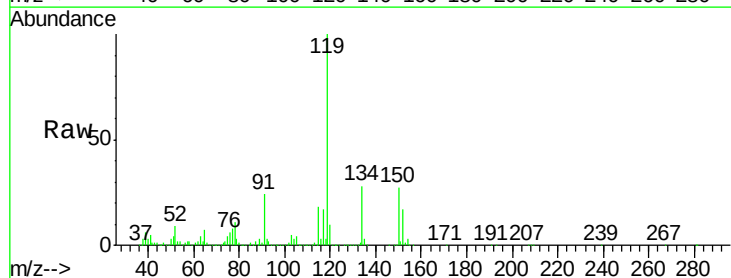
Tgt Ion:119 Resp: 265749

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

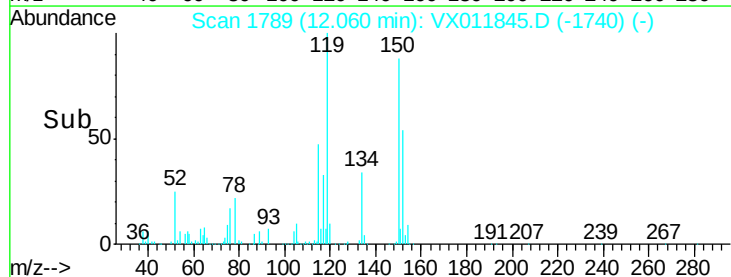
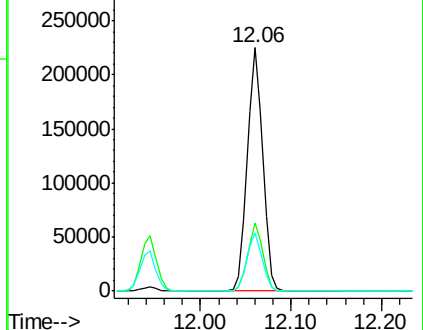
91 23.5 11.1 33.3

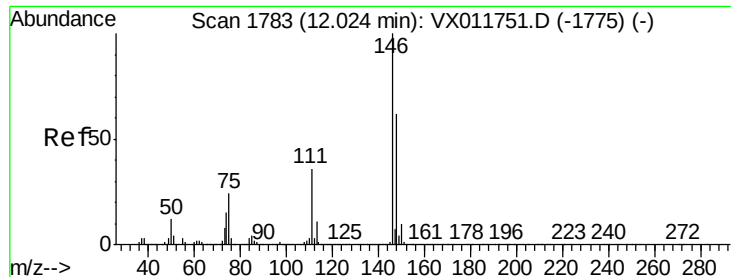


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





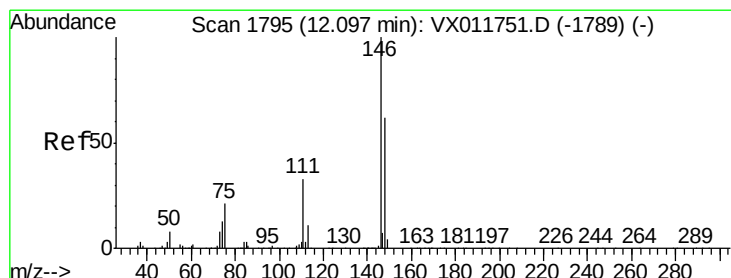
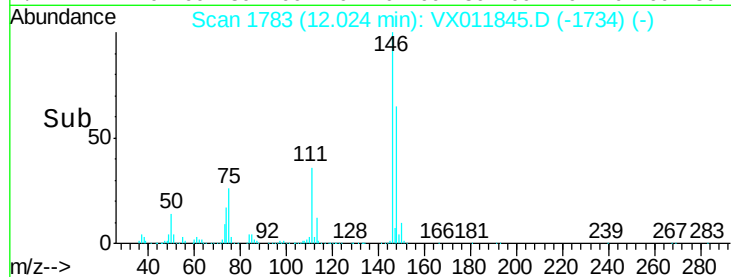
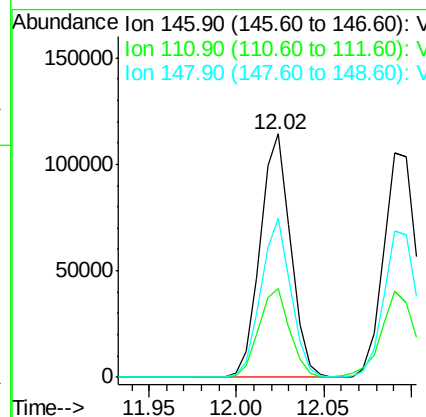
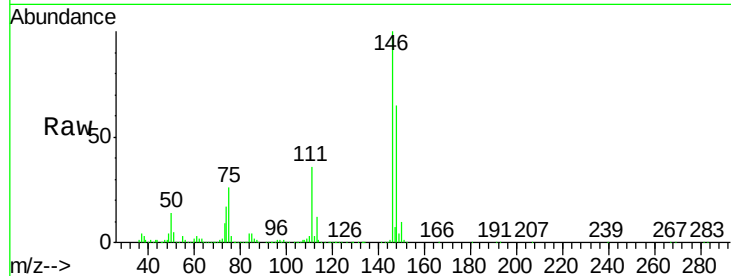
#87
 1,3-Dichlorobenzene
 Concen: 19.169 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011845.D
 Acq: 27 Aug 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.4
148	64.0	31.6	94.7

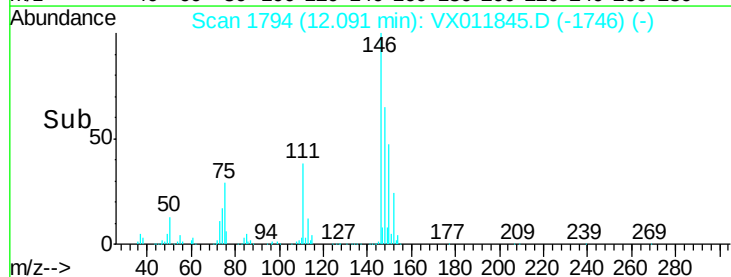
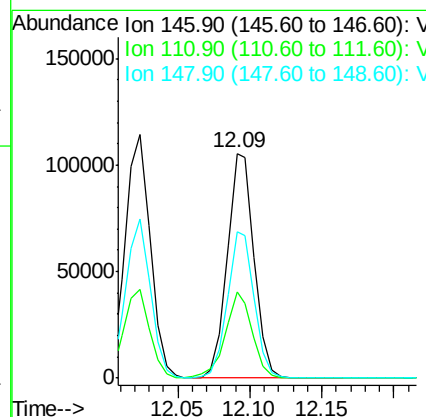
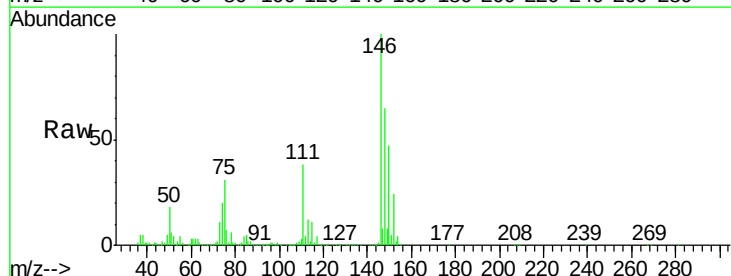
Manual Integrations
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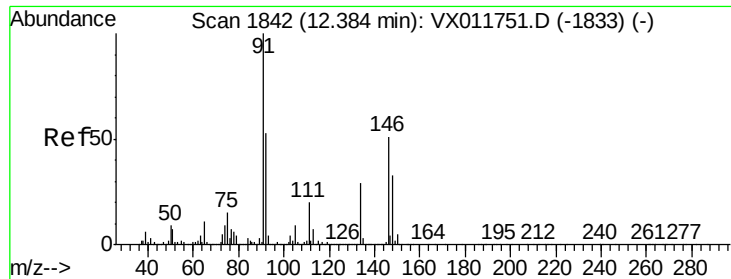
MMDadoda
 8/28/2019 11:44:38 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.800 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011845.D
 Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	17.8	53.4
148	65.0	31.9	95.7





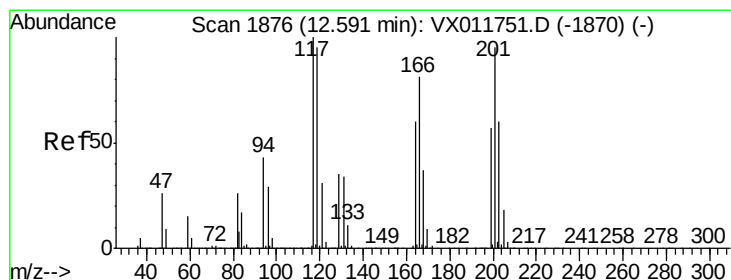
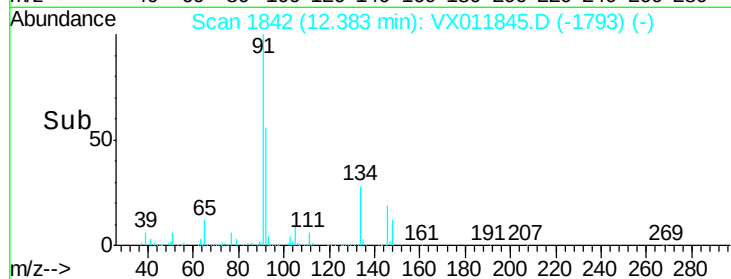
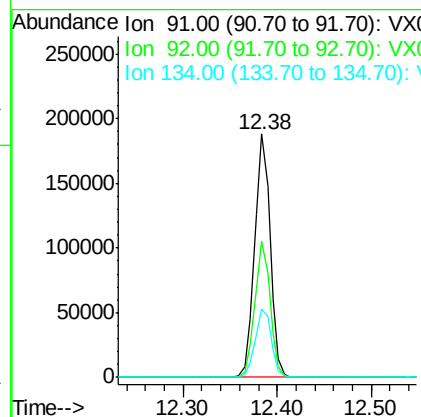
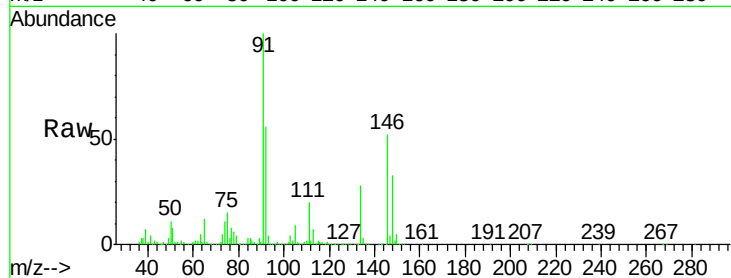
#89
n-Butylbenzene
Concen: 20.388 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	26.7	80.0
134	29.2	14.6	43.8

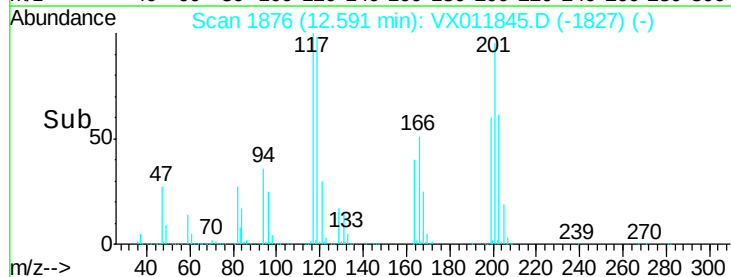
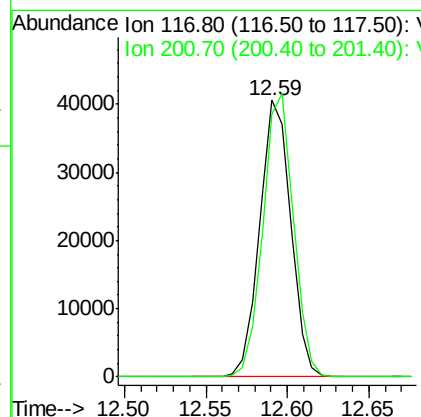
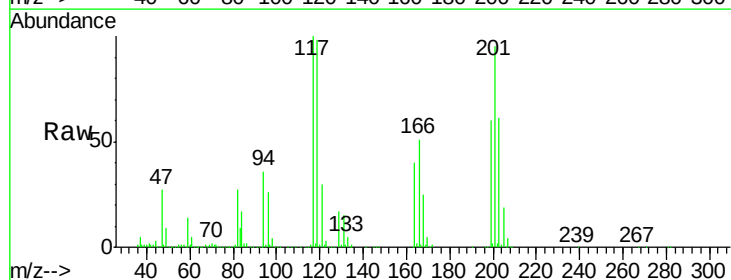
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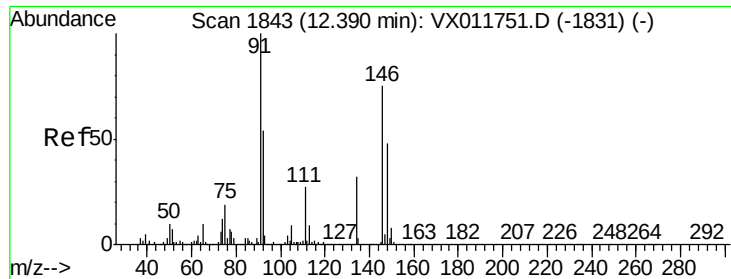
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#90
Hexachloroethane
Concen: 26.939 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011845.D
Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.3	49.6	149.0





#91

1,2-Dichlorobenzene

Concen: 19.226 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

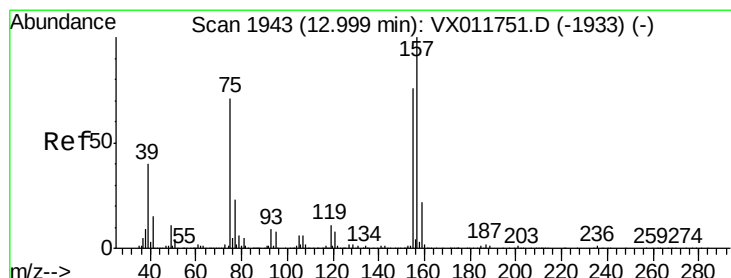
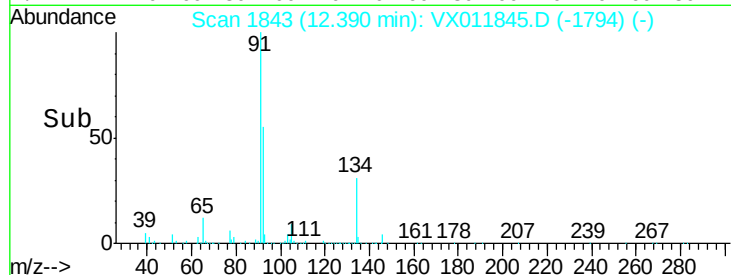
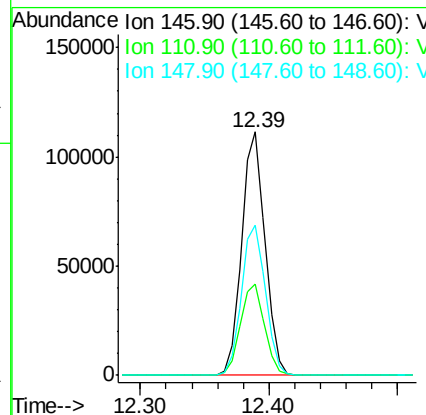
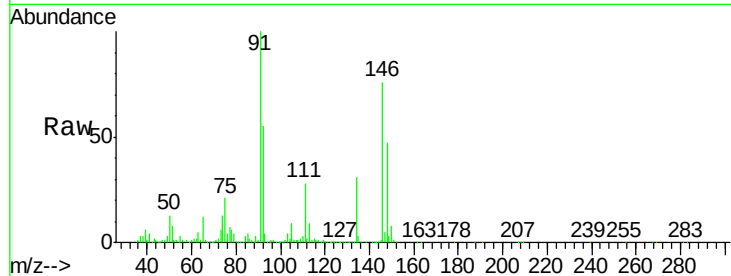
ClientSampleId :

VX0827WBS01

Tot Ion:	146	Resp:	140178
Ion Ratio	Lower	Upper	
146	100		
111	38.6	18.8	56.4
148	63.5	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 24.311 ug/l

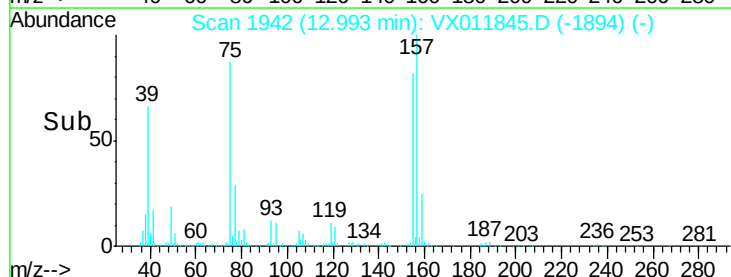
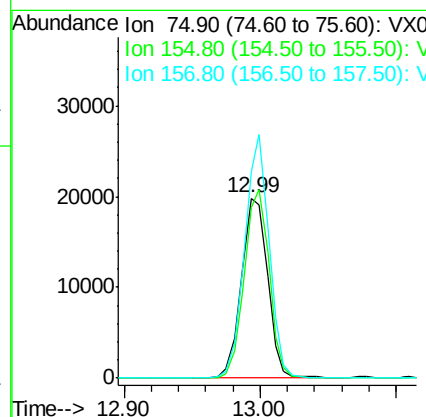
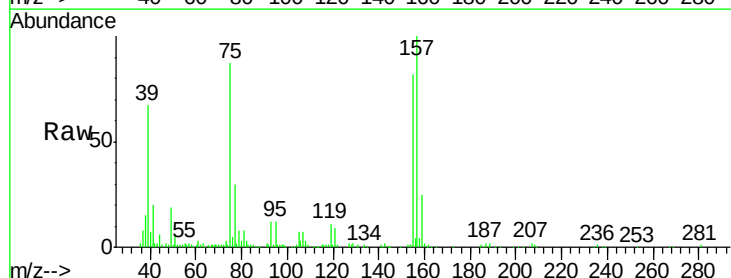
RT: 12.99 min Scan# 1942

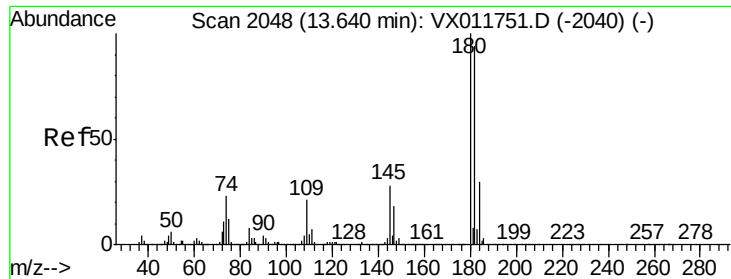
Delta R.T. -0.01 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Tgt Ion:	75	Resp:	26634
Ion Ratio	Lower	Upper	
75	100		
155	99.5	52.6	157.9
157	125.8	68.3	204.9





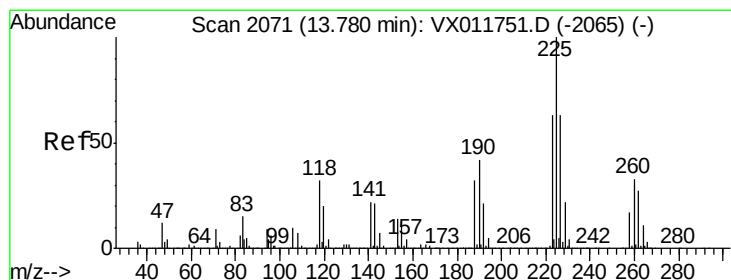
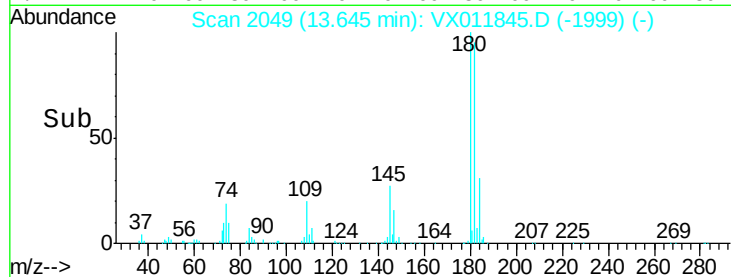
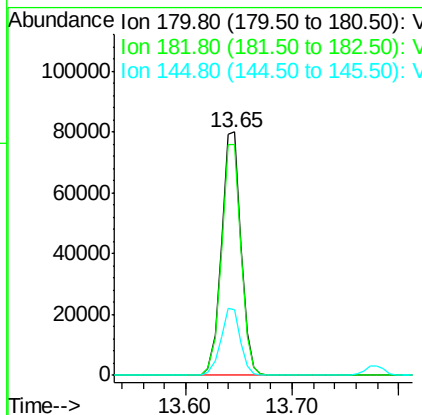
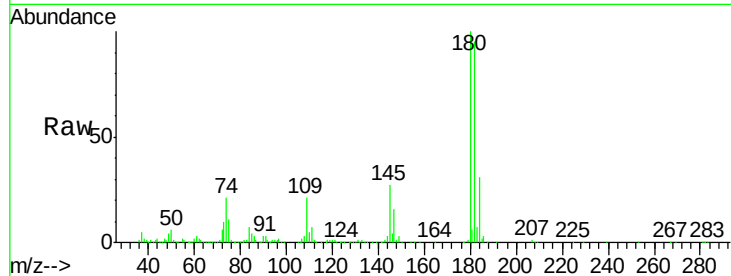
#93
 1,2,4-Trichlorobenzene
 Concen: 19.107 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: VX011845.D
 Acq: 27 Aug 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102471		
182	95.1	47.8	143.4	
145	27.4	14.1	42.3	

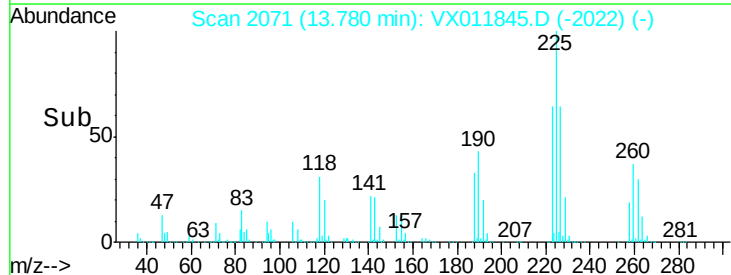
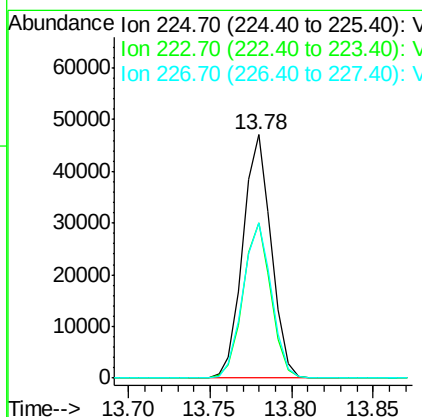
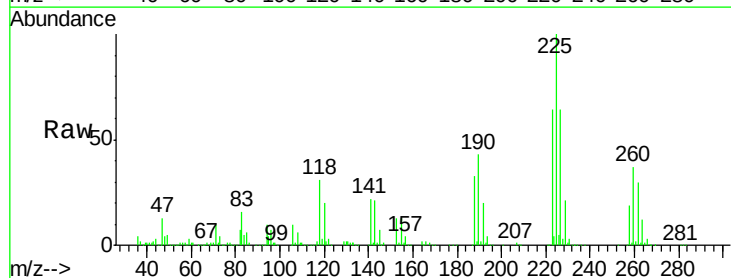
Manual Integrations
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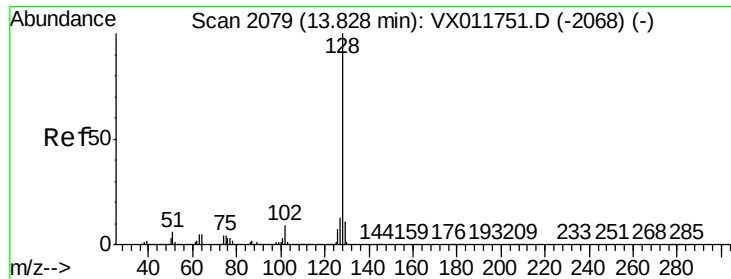
MMDadoda
 8/28/2019 11:44:38 AM



#94
 Hexachlorobutadiene
 Concen: 19.418 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011845.D
 Acq: 27 Aug 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57066		
223	62.6	31.0	93.0	
227	64.4	31.8	95.3	





#95

Naphthalene

Concen: 20.578 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Instrument :

MSVOA_X

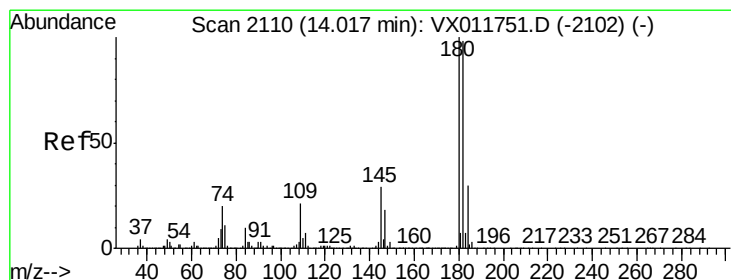
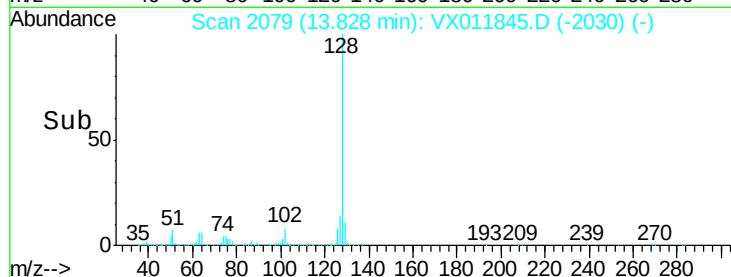
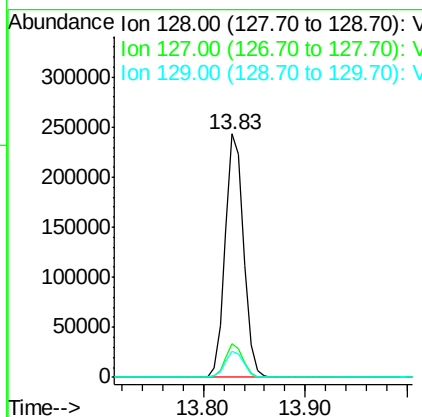
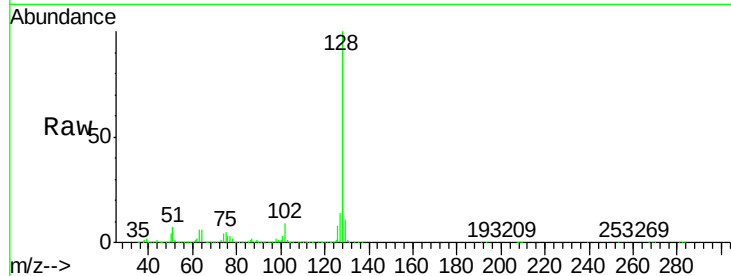
ClientSampleId :

VX0827WBS01

Tot Ion:	128	Resp:	303960
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/28/2019 11:44:38 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.238 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011845.D

Acq: 27 Aug 2019 13:19

Tgt Ion:	180	Resp:	103597
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.5	145.5
145	30.0	14.6	43.8

