

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011789.D
 Acq On : 23 Aug 2019 11:45
 Operator : JC/SP
 Sample : VX0823MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:40:43 AM

Quant Time: Aug 26 02:10:53 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	391054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	530878	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	480797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	177313	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
35) Dibromofluoromethane	5.49	113	163904	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	8.71	98	586010	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.13	95	213167	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	69254	18.976	ug/l	99
3) Chloromethane	1.32	50	61452	19.200	ug/l	97
4) Vinyl Chloride	1.40	62	63412	19.819	ug/l	99
5) Bromomethane	1.64	94	40072	22.734	ug/l	99
6) Chloroethane	1.72	64	37847	20.231	ug/l	98
7) Trichlorofluoromethane	1.92	101	99605	19.553	ug/l	100
8) Diethyl Ether	2.18	74	33342	19.249	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	58866	18.675	ug/l	98
10) Methyl Iodide	2.50	142	74603	19.377	ug/l	99
11) Tert butyl alcohol	3.04	59	70712	91.093	ug/l	99
12) 1,1-Dichloroethene	2.37	96	57141	18.591	ug/l	96
13) Acrolein	2.29	56	29693	98.954	ug/l	98
14) Allyl chloride	2.72	41	87646	18.244	ug/l	96
15) Acrylonitrile	3.14	53	166742	93.911	ug/l	99
16) Acetone	2.43	43	145133	84.930	ug/l	100
17) Carbon Disulfide	2.56	76	138035	17.762	ug/l	98
18) Methyl Acetate	2.76	43	90665	19.553	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	185088	18.773	ug/l	99
20) Methylene Chloride	2.85	84	62792	17.973	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	62023	18.708	ug/l	97
22) Diisopropyl ether	3.85	45	181321	19.464	ug/l	96
23) Vinyl Acetate	3.81	43	729910	94.634	ug/l	99
24) 1,1-Dichloroethane	3.69	63	103494	18.816	ug/l	99
25) 2-Butanone	4.67	43	230040	93.785	ug/l	100
26) 2,2-Dichloropropane	4.58	77	82567	17.677	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	69646	18.319	ug/l	99
28) Bromochloromethane	5.01	49	50429	20.198	ug/l	95
29) Tetrahydrofuran	5.12	42	148721	94.586	ug/l	99
30) Chloroform	5.20	83	115241	19.312	ug/l	94
31) Cyclohexane	5.57	56	91398	18.921	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	99907	19.260	ug/l	99
36) 1,1-Dichloropropene	5.79	75	80980	19.452	ug/l	99
37) Ethyl Acetate	4.82	43	85528	19.414	ug/l	99
38) Carbon Tetrachloride	5.78	117	87174	18.477	ug/l	96

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95490	18.510	ug/l	98
40) Benzene	6.13	78	244911	19.018	ug/l	96
41) Methacrylonitrile	5.03	41	47291	18.457	ug/l	99
42) 1,2-Dichloroethane	6.18	62	83282	17.691	ug/l	95
43) Isopropyl Acetate	6.43	43	129349	18.140	ug/l	99
44) Trichloroethene	7.21	130	74141	18.676	ug/l	100
45) 1,2-Dichloropropane	7.51	63	59121	18.264	ug/l	98
46) Dibromomethane	7.65	93	42851	17.956	ug/l	94
47) Bromodichloromethane	7.90	83	76276	17.755	ug/l	99
48) Methyl methacrylate	7.77	41	63633	17.932	ug/l	96
49) 1,4-Dioxane	7.74	88	33347	339.167	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	423033	90.037	ug/l	98
52) Toluene	8.78	92	157323	18.878	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	77188	17.115	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	91169	18.531	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	66321	19.101	ug/l	98
56) Ethyl methacrylate	9.18	69	93185	18.872	ug/l	96
57) 1,3-Dichloropropane	9.37	76	102632	18.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	251404	96.788	ug/l	98
59) 2-Hexanone	9.49	43	326487	90.536	ug/l	99
60) Dibromochloromethane	9.58	129	68405	18.222	ug/l	100
61) 1,2-Dibromoethane	9.67	107	70073	18.809	ug/l	99
64) Tetrachloroethene	9.34	164	75517	19.688	ug/l	95
65) Chlorobenzene	10.13	112	178308	18.996	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	66236	18.833	ug/l	99
67) Ethyl Benzene	10.25	91	292010	18.615	ug/l	95
68) m/p-Xylenes	10.35	106	234259	38.731	ug/l	97
69) o-Xylene	10.69	106	113094	19.045	ug/l	95
70) Styrene	10.71	104	192456	19.373	ug/l	96
71) Bromoform	10.85	173	55117	18.167	ug/l	99
73) Isopropylbenzene	11.02	105	304038	19.007	ug/l	99
74) N-amyl acetate	10.90	43	110458	17.836	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	97910	18.492	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	84064m	18.049	ug/l	
77) Bromobenzene	11.25	156	91257	19.351	ug/l	95
78) n-propylbenzene	11.35	91	324427	18.967	ug/l	100
79) 2-Chlorotoluene	11.41	91	194482	18.276	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	254143	19.042	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	25883	16.759	ug/l	97
82) 4-Chlorotoluene	11.51	91	224292	18.286	ug/l	96
83) tert-Butylbenzene	11.77	119	256158	19.453	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	262849	19.502	ug/l	99
85) sec-Butylbenzene	11.94	105	292479	19.417	ug/l	99
86) p-Isopropyltoluene	12.06	119	281812	19.445	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	156500	19.271	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	155602	18.938	ug/l	98
89) n-Butylbenzene	12.38	91	218368	18.201	ug/l	99
90) Hexachloroethane	12.59	117	41094	18.251	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	156012	19.047	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20854	16.944	ug/l	91

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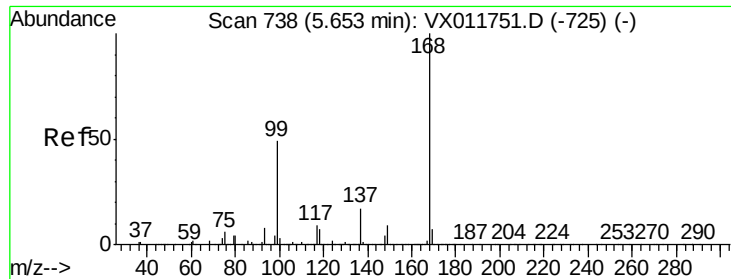
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113726	18.876	ug/l	97
94) Hexachlorobutadiene	13.78	225	64798	19.627	ug/l	99
95) Naphthalene	13.83	128	319828	19.274	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118450	19.580	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

Tot Ion:168 Resp: 391054

Ion Ratio Lower Upper

168 100

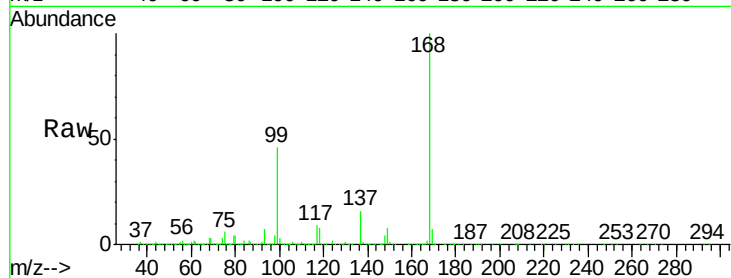
99 46.3 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

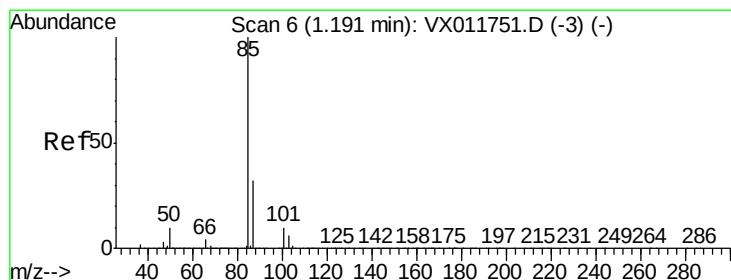
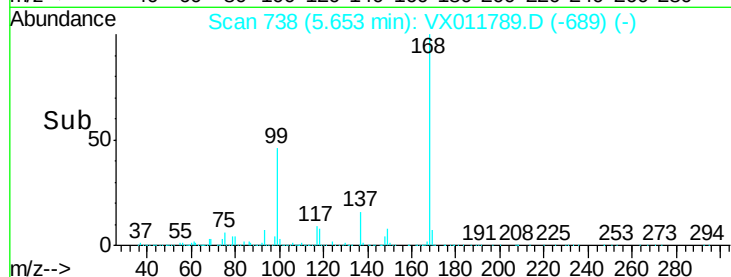
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.976 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011789.D

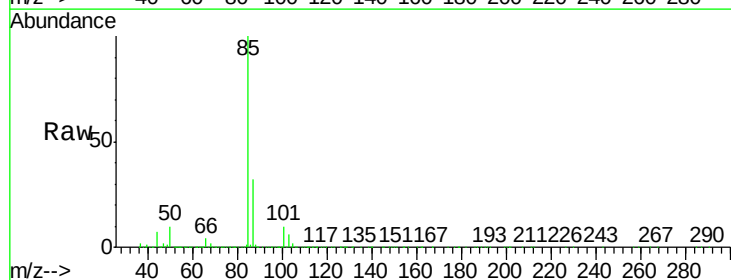
Acq: 23 Aug 2019 11:45

Tgt Ion: 85 Resp: 69254

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

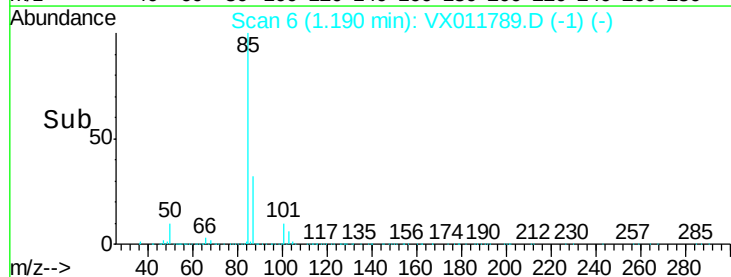
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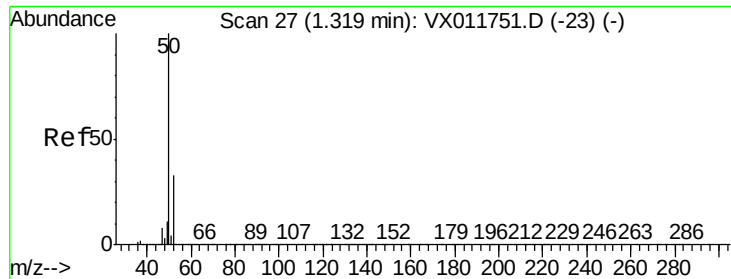
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20000

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Time-->





#3

Chloromethane

Concen: 19.200 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

Tot Ion: 50 Resp: 61452

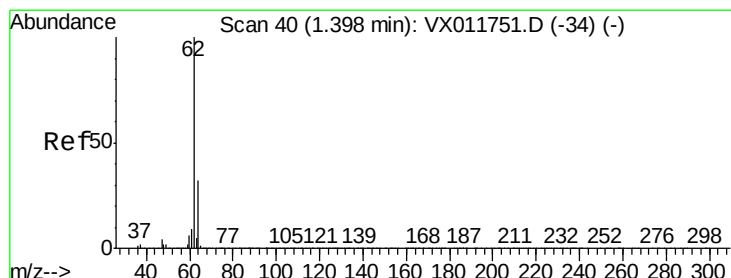
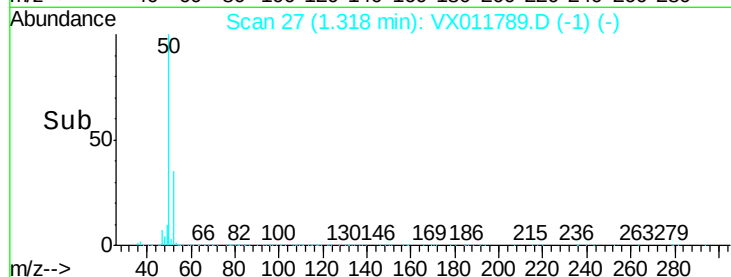
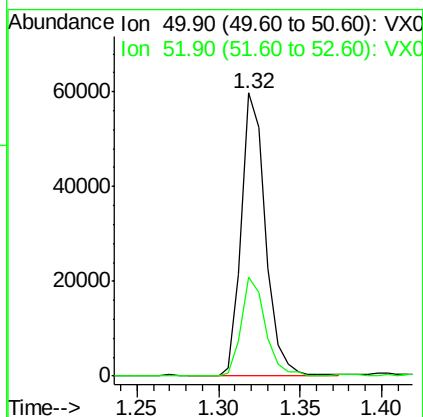
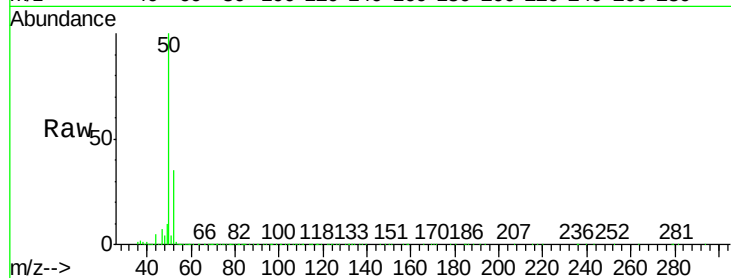
Ion Ratio Lower Upper

50 100

52 34.8 26.6 39.8

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#4

Vinyl Chloride

Concen: 19.819 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011789.D

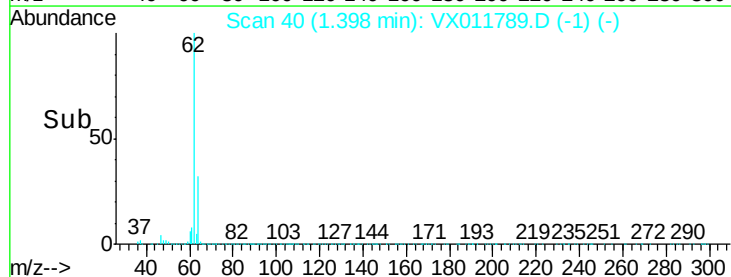
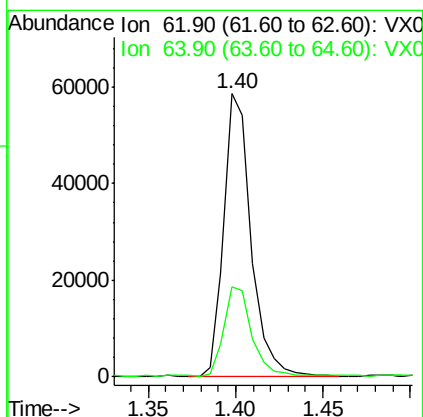
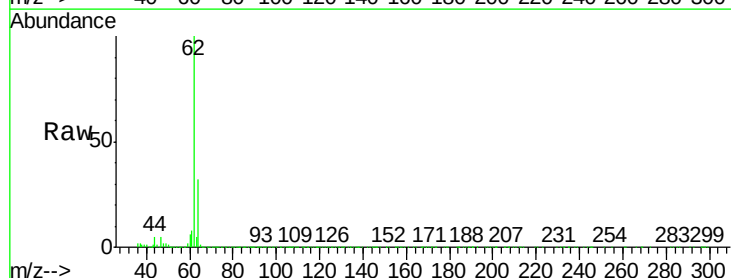
Acq: 23 Aug 2019 11:45

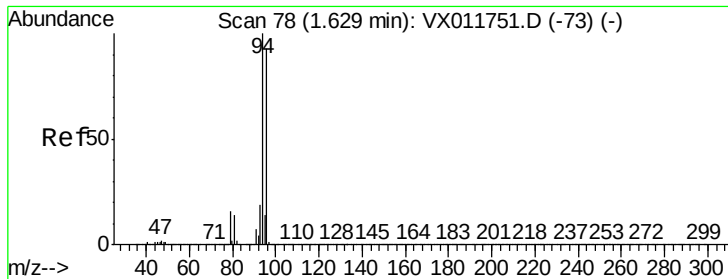
Tgt Ion: 62 Resp: 63412

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3





#5

Bromomethane

Concen: 22.734 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tot Ion: 94 Resp: 40072

Ion Ratio Lower Upper

94 100

96 92.1 74.1 111.1

Instrument :

MSVOA_X

ClientSampleId :

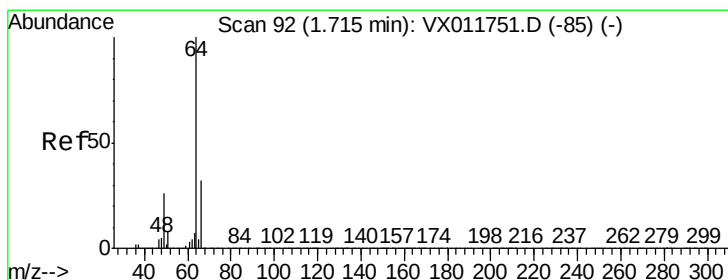
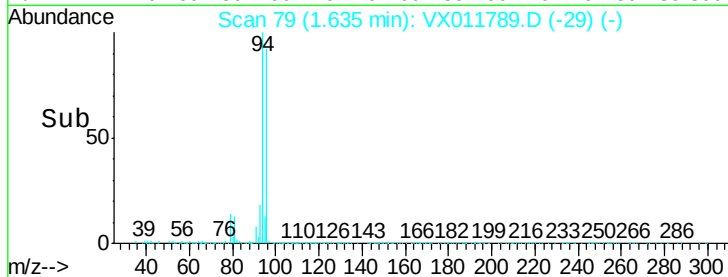
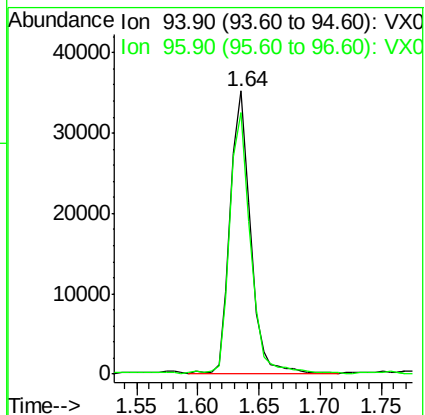
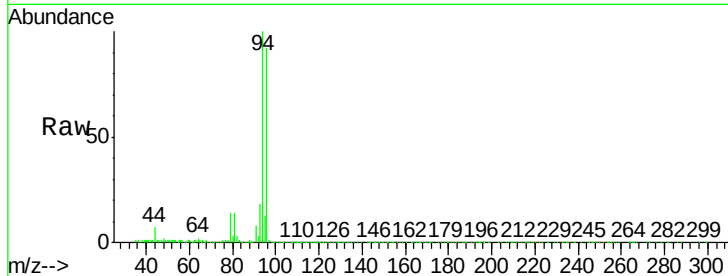
VX0823MBS01

Manual Integrations

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#6

Chloroethane

Concen: 20.231 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011789.D

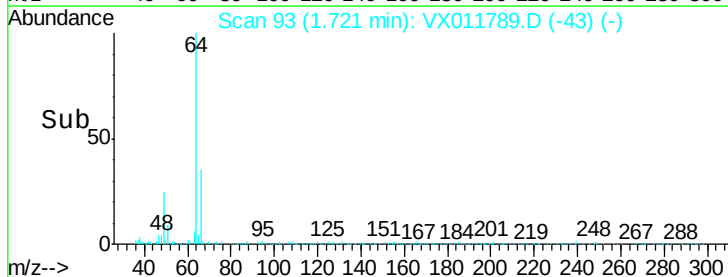
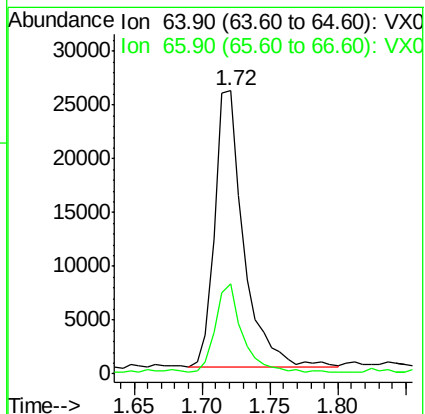
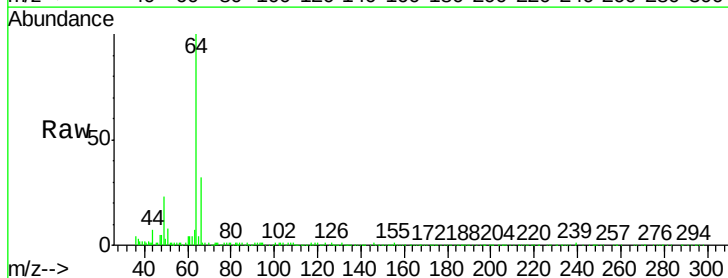
Acq: 23 Aug 2019 11:45

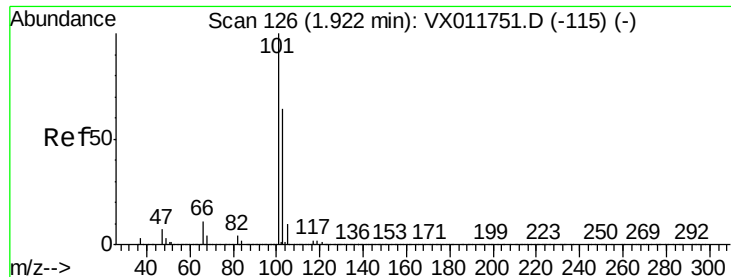
Tgt Ion: 64 Resp: 37847

Ion Ratio Lower Upper

64 100

66 32.0 24.9 37.3





#7

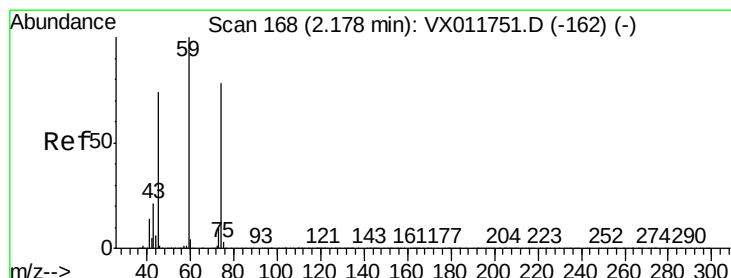
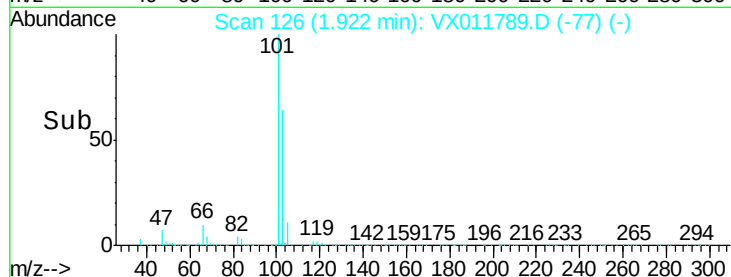
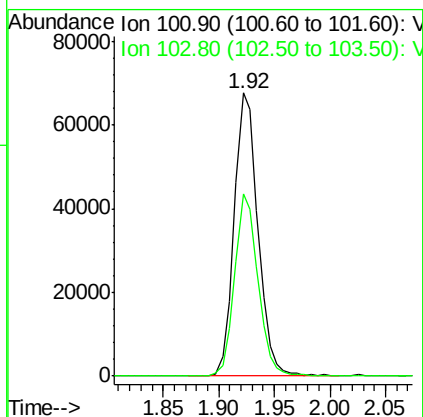
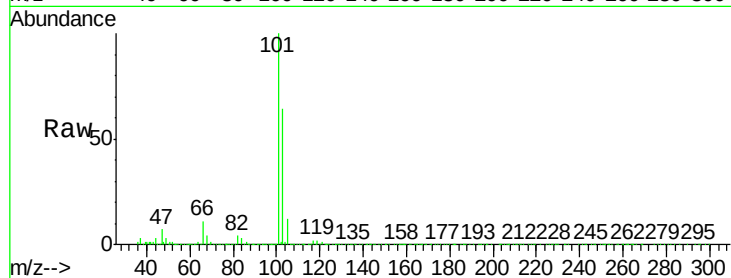
Trichlorofluoromethane
 Concen: 19.553 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

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 ClientSampleId :
 VX0823MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.2	76.8

Manual Integrations
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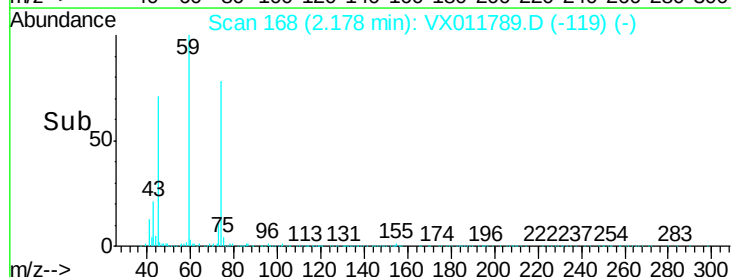
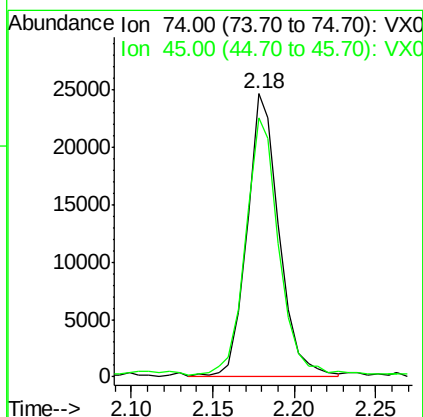
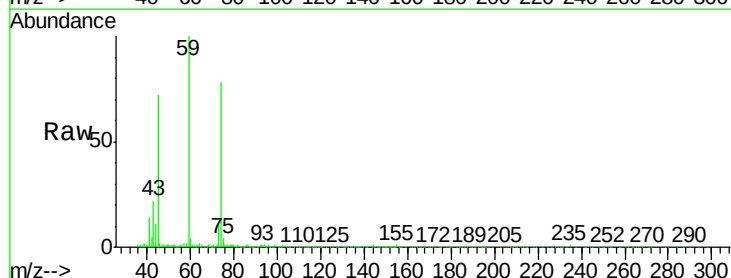
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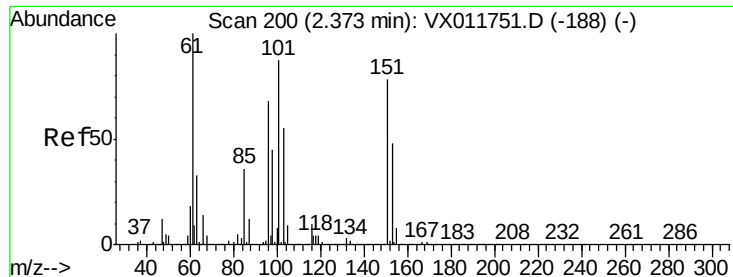


#8

Diethyl Ether
 Concen: 19.249 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	46.7	140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.675 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

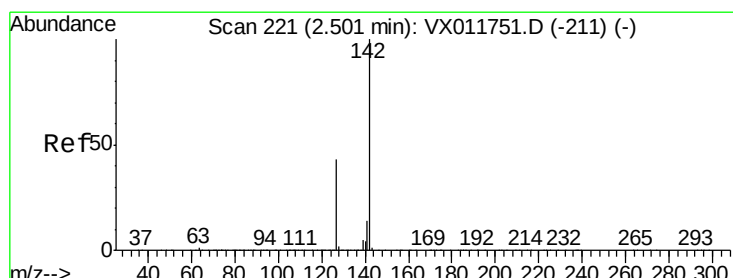
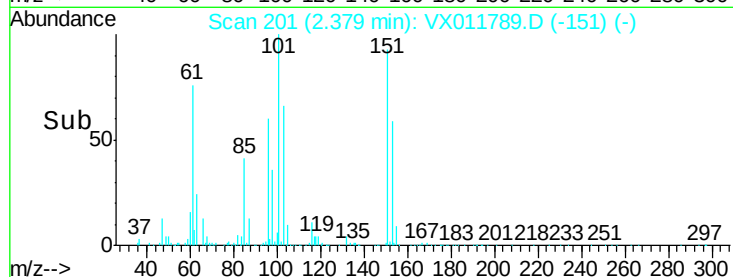
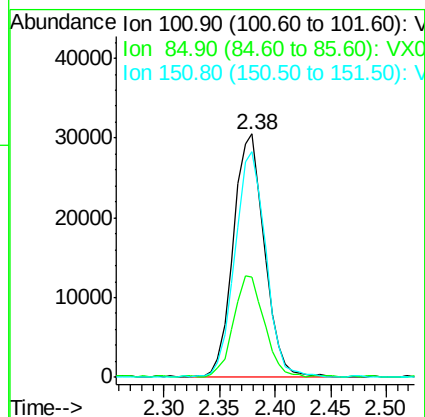
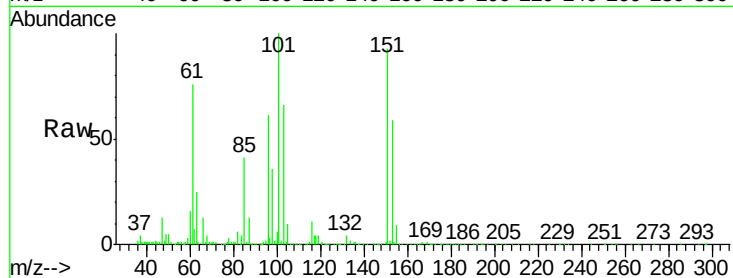
ClientSampleId :

VX0823MBS01

Tot Ion:	101	Resp:	58866
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.7	50.5
151	91.9	71.4	107.2

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#10

Methyl Iodide

Concen: 19.377 ug/l

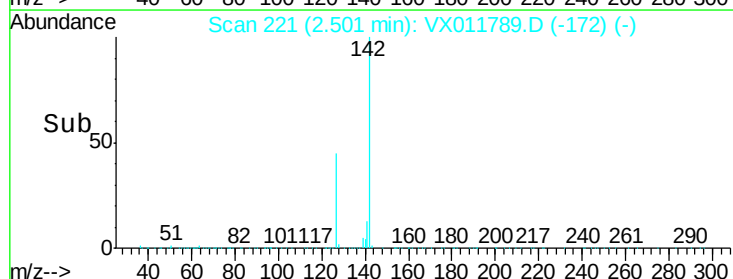
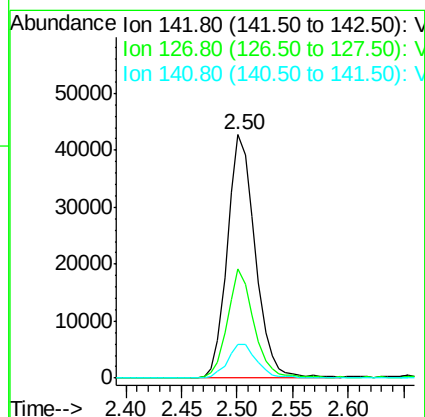
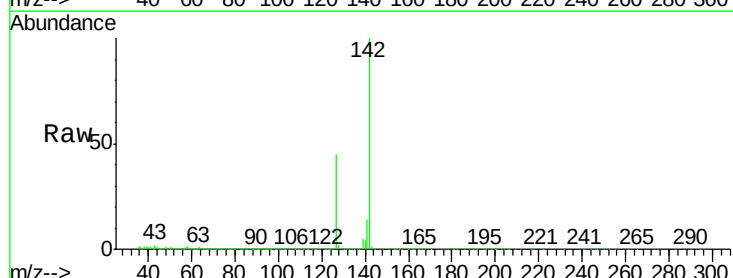
RT: 2.50 min Scan# 221

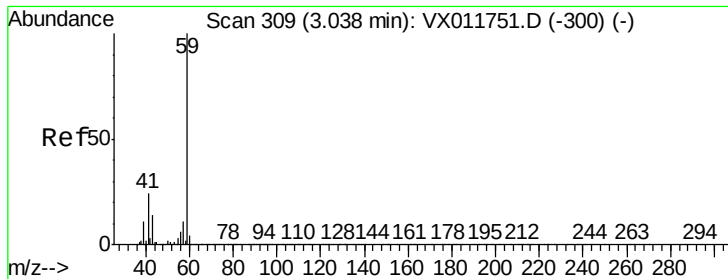
Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion:	142	Resp:	74603
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.5	50.3
141	14.6	11.4	17.2





#11

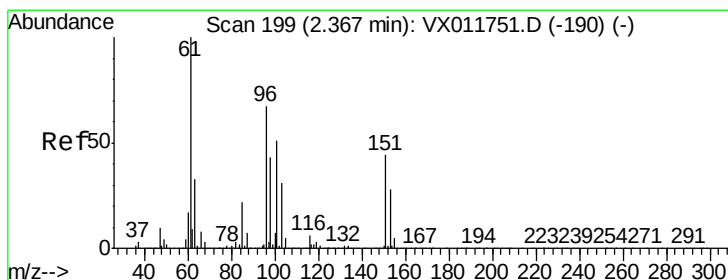
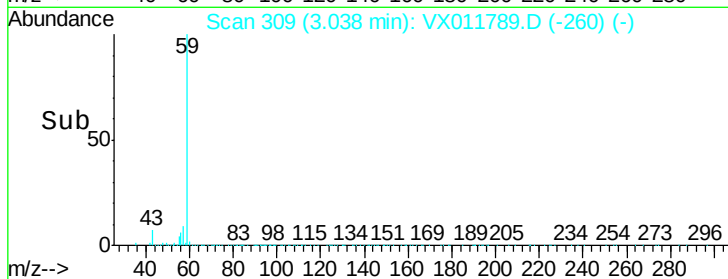
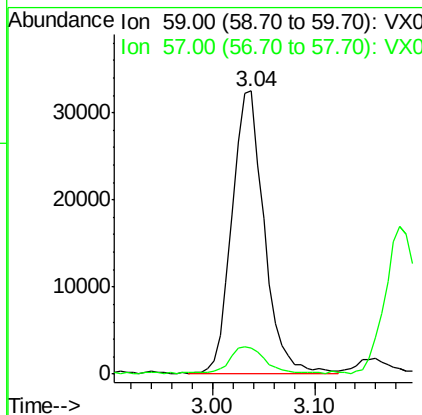
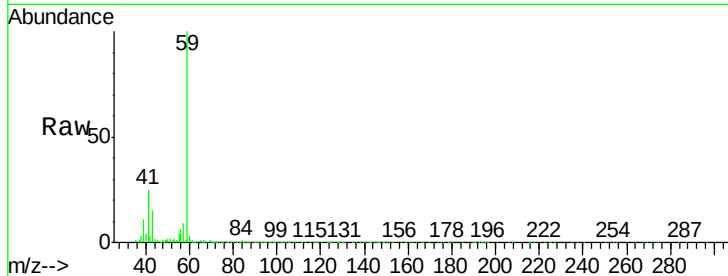
Tert butyl alcohol
Concen: 91.093 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

Manual Integrations
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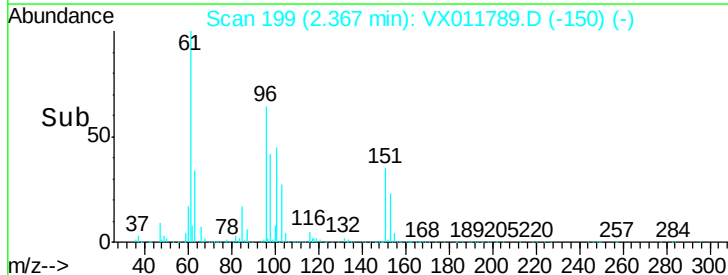
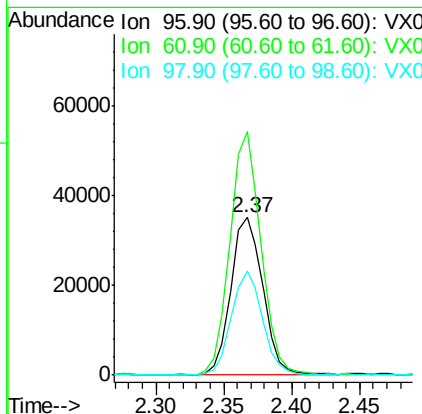
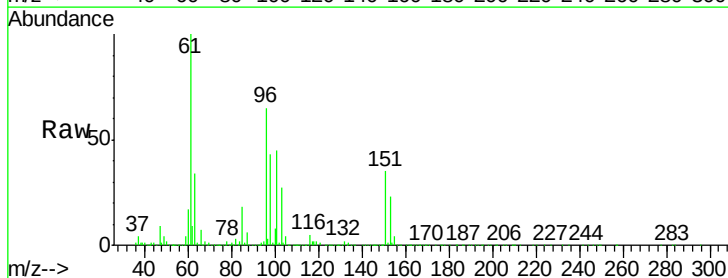
MMDadoda
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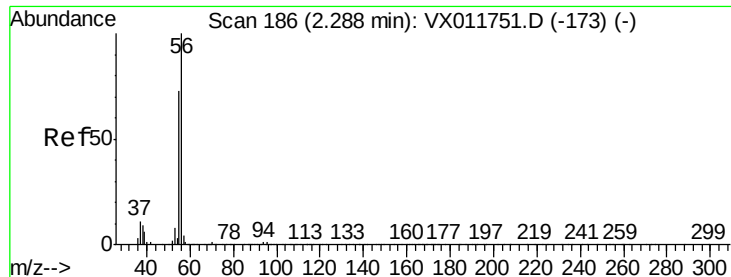


#12

1,1-Dichloroethene
Concen: 18.591 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.7	119.4	179.2
98	65.8	51.2	76.8





#13

Acrolein

Concen: 98.954 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

Tot Ion: 56 Resp: 29693

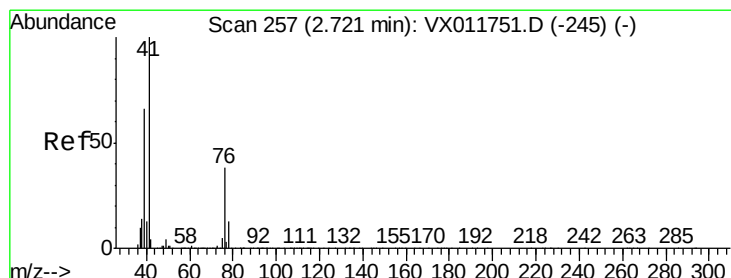
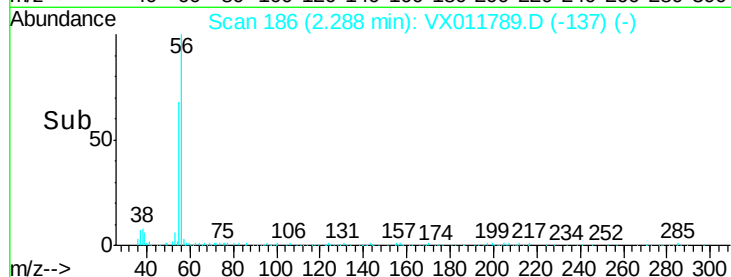
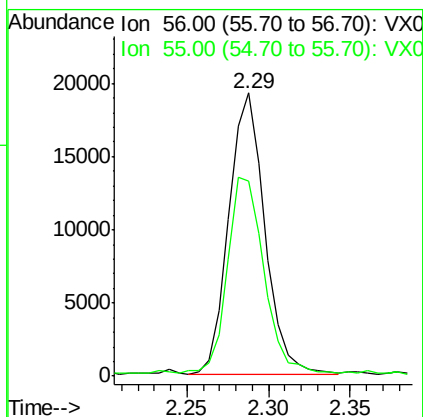
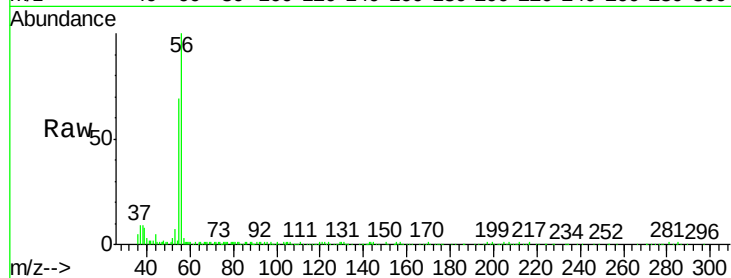
Ion Ratio Lower Upper

56 100

55 69.7 54.8 82.2

Manual Integrations
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#14

Allyl chloride

Concen: 18.244 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

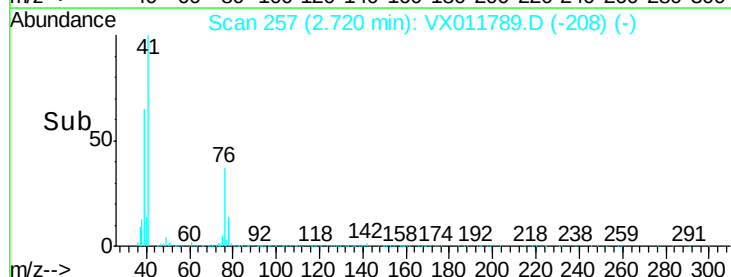
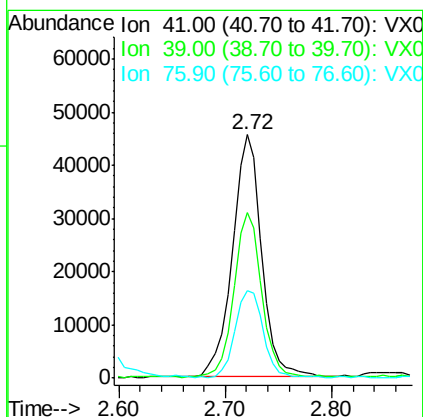
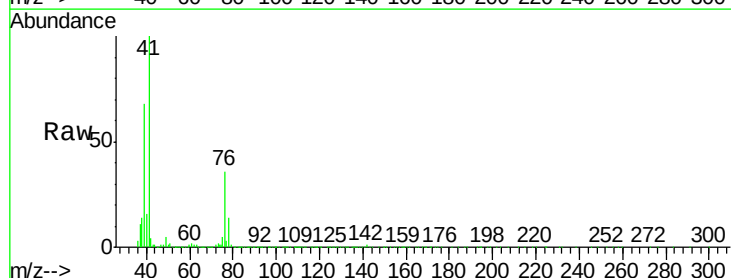
Tgt Ion: 41 Resp: 87646

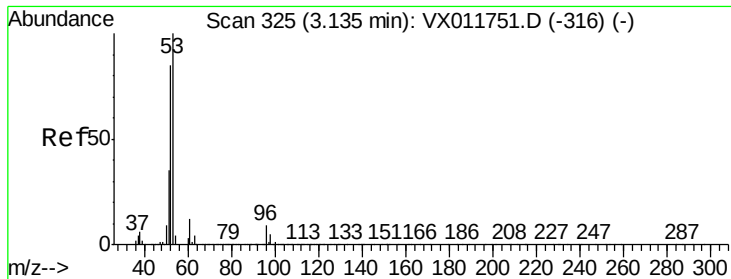
Ion Ratio Lower Upper

41 100

39 65.5 49.3 73.9

76 34.5 26.8 40.2





#15

Acrylonitrile

Concen: 93.911 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

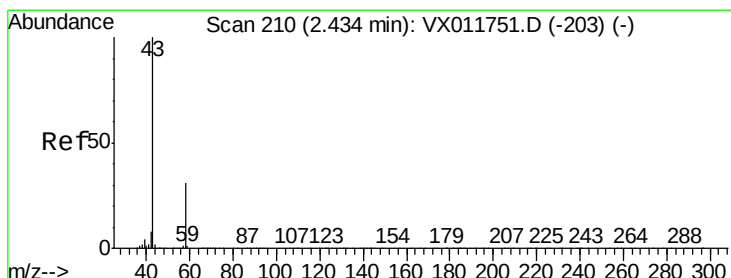
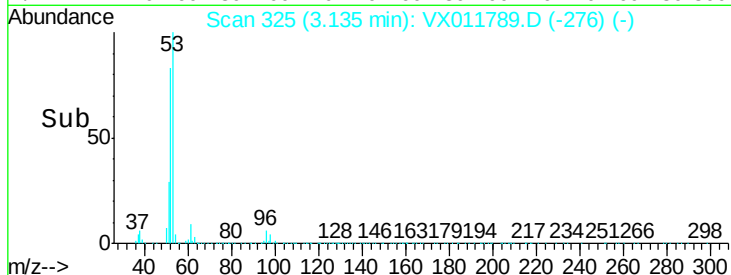
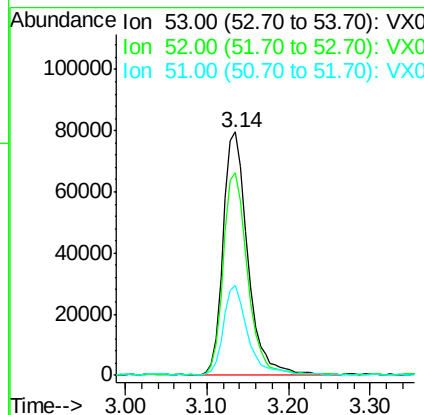
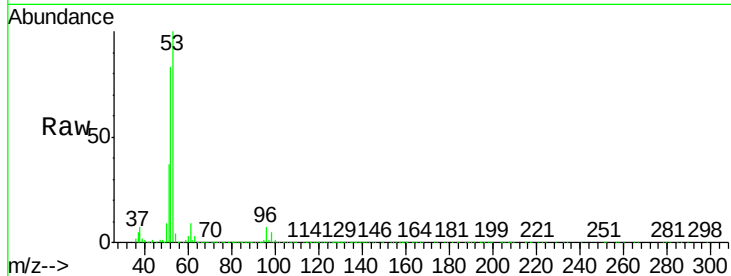
ClientSampleId :

VX0823MBS01

Tot Ion:	53	Resp:	166742
Ion Ratio		Lower	Upper
53	100		
52	83.1	65.7	98.5
51	36.0	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 84.930 ug/l

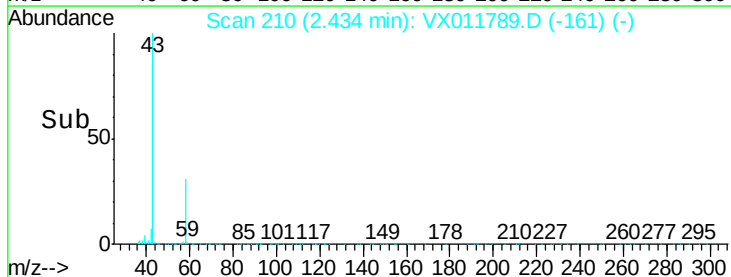
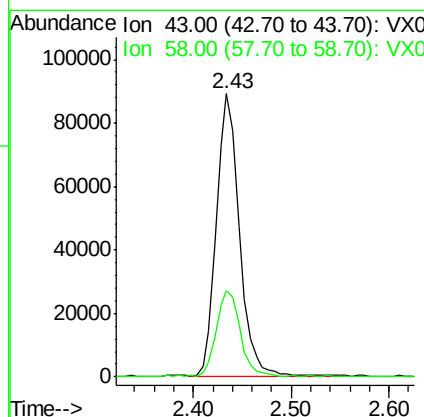
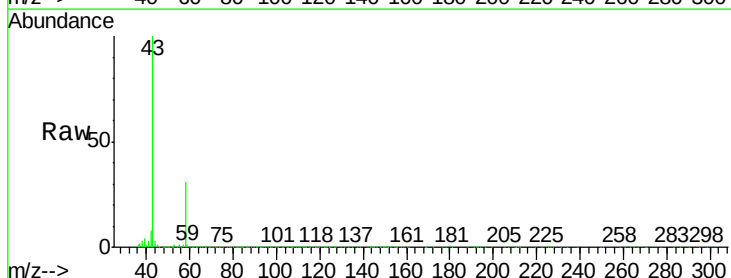
RT: 2.43 min Scan# 210

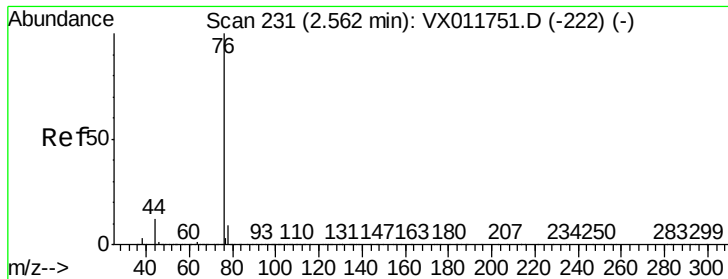
Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion:	43	Resp:	145133
Ion Ratio		Lower	Upper
43	100		
58	30.2	24.4	36.6





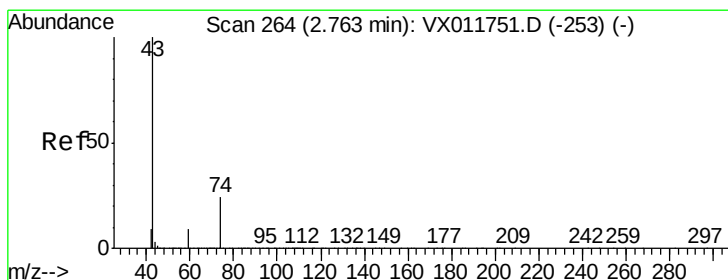
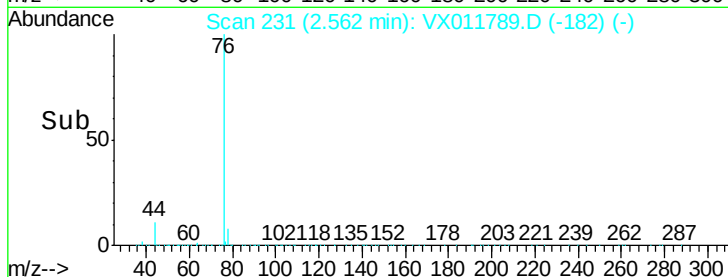
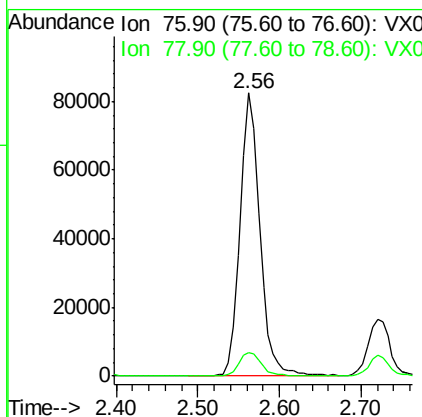
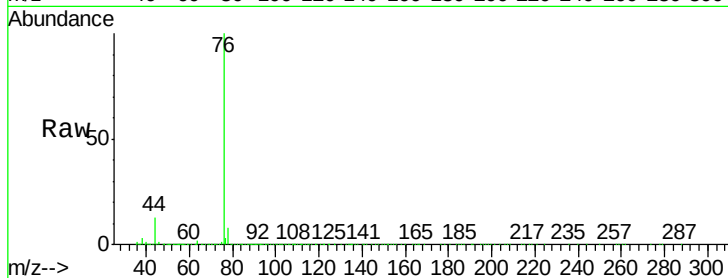
#17
Carbon Disulfide
Concen: 17.762 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.0

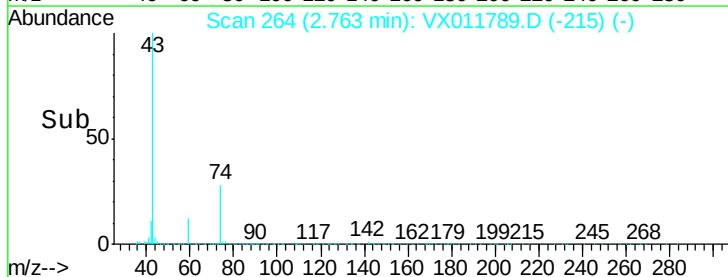
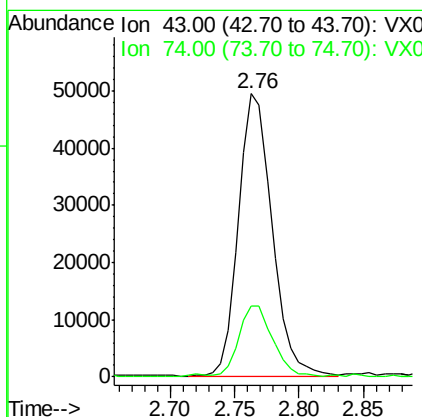
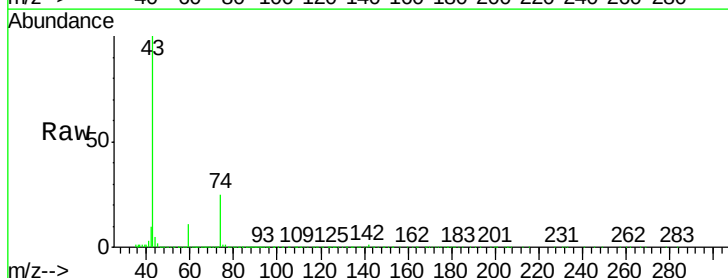
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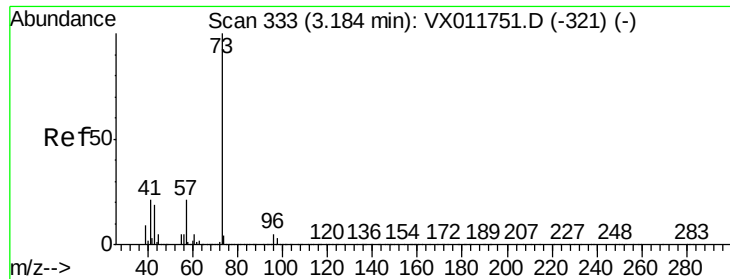
MMDadoda
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#18
Methyl Acetate
Concen: 19.553 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.5	29.3





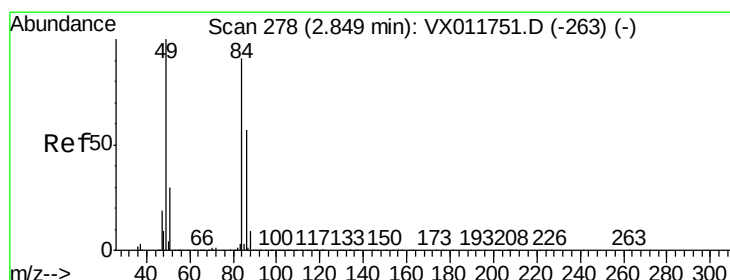
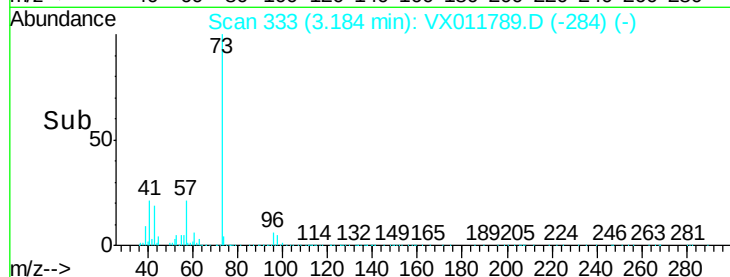
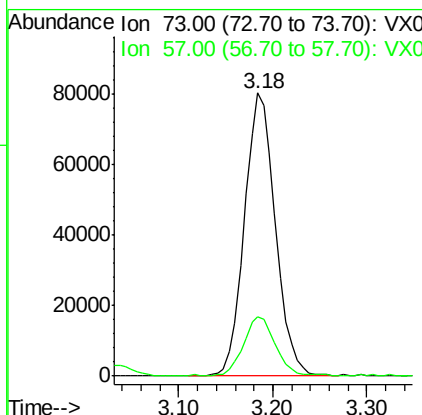
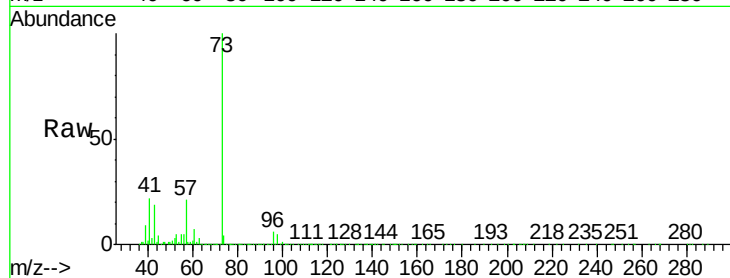
#19
Methyl tert-butyl Ether
Concen: 18.773 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.4	24.6

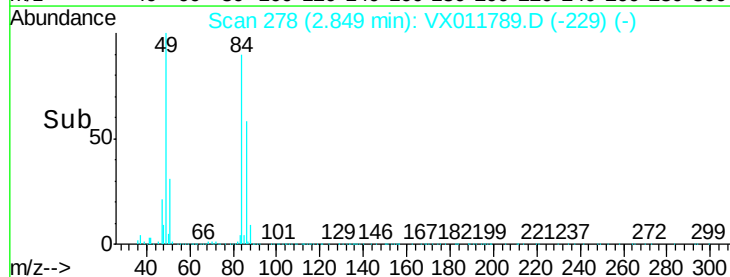
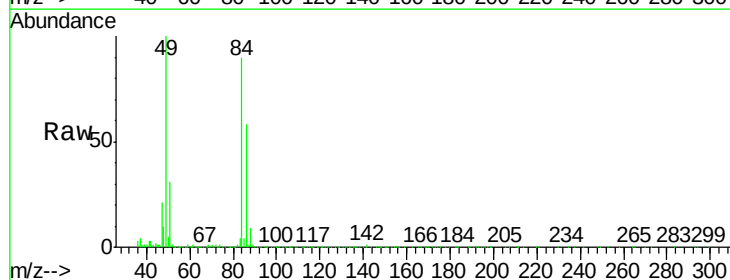
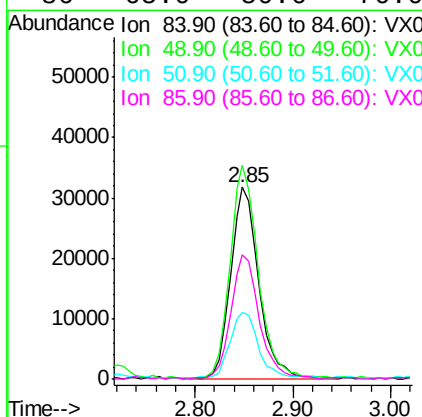
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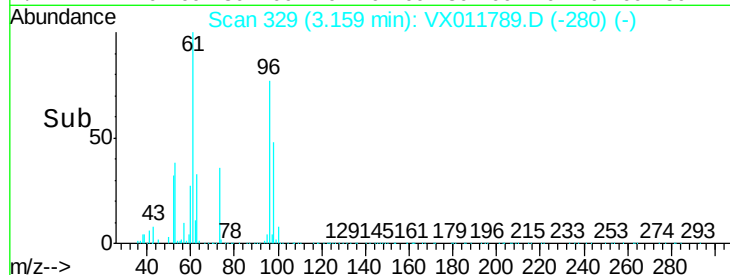
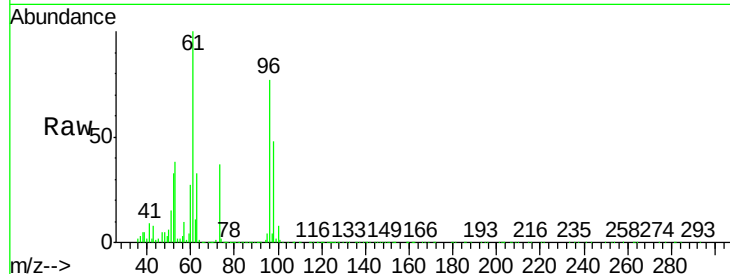
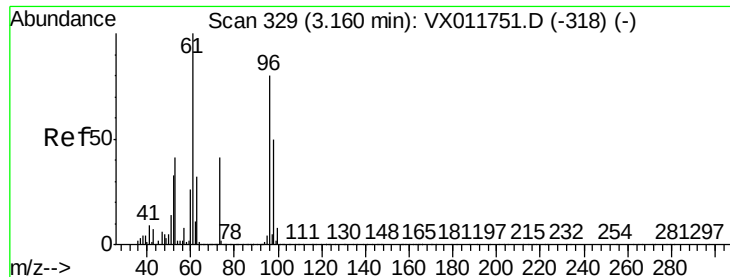
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#20
Methylene Chloride
Concen: 17.973 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.6	88.3	132.5
51	34.0	26.2	39.2
86	65.0	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 18.708 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011789.D

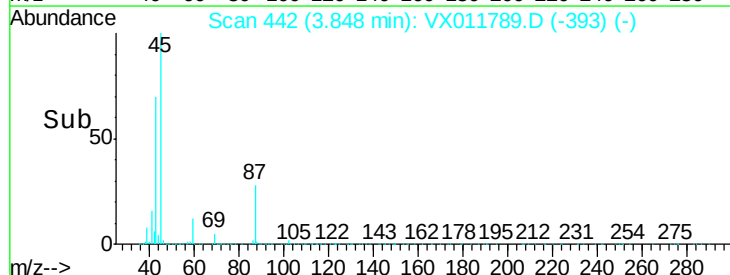
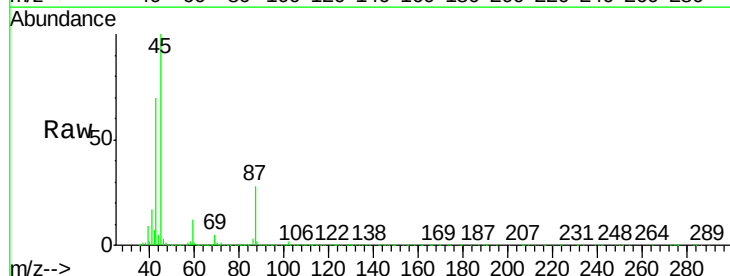
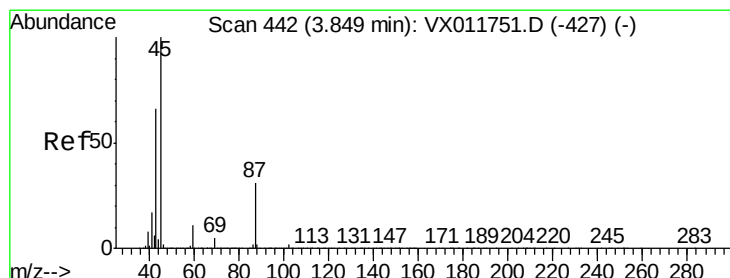
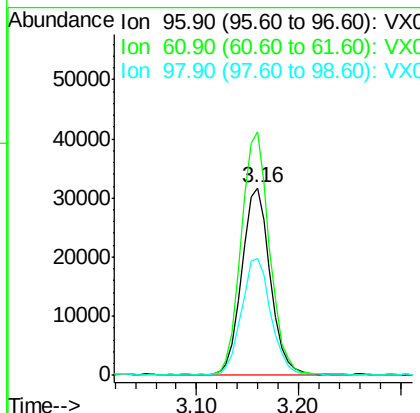
Acq: 23 Aug 2019 11:45

Tot Ion:	96	Resp:	62023
Ion	Ratio	Lower	Upper
96	100		
61	128.9	99.8	149.8
98	61.7	50.3	75.5

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

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#22

Diisopropyl ether

Concen: 19.464 ug/l

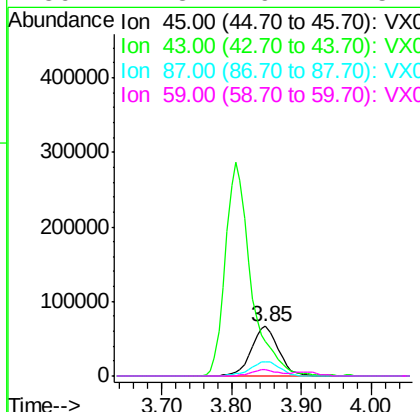
RT: 3.85 min Scan# 442

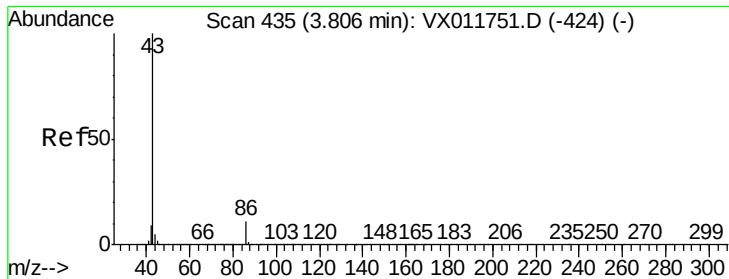
Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion:	45	Resp:	181321
Ion	Ratio	Lower	Upper
45	100		
43	69.4	53.0	79.6
87	28.3	24.7	37.1
59	12.3	9.1	13.7





#23

Vinyl Acetate

Concen: 94.634 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

Tot Ion: 43 Resp: 729910

Ion Ratio Lower Upper

43 100

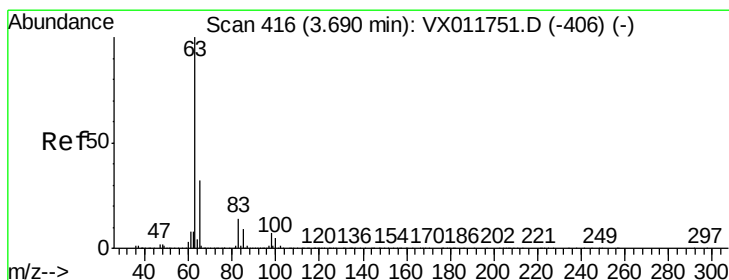
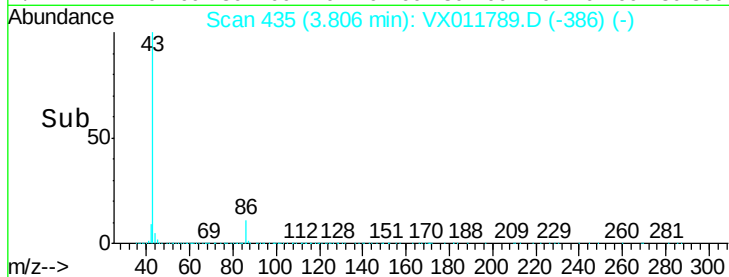
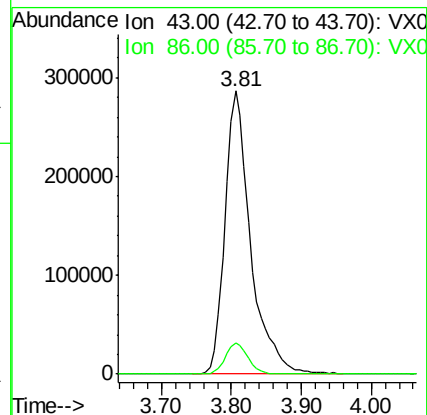
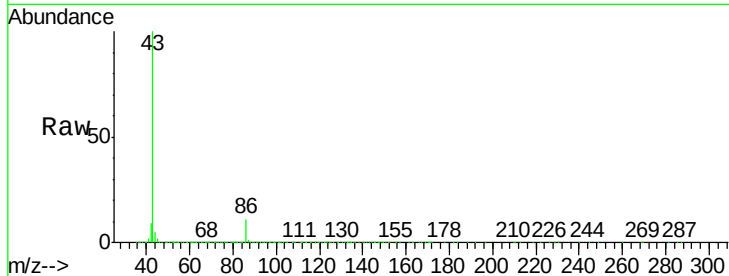
86 11.2 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.816 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

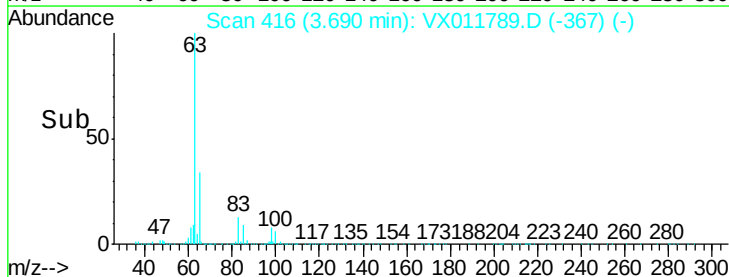
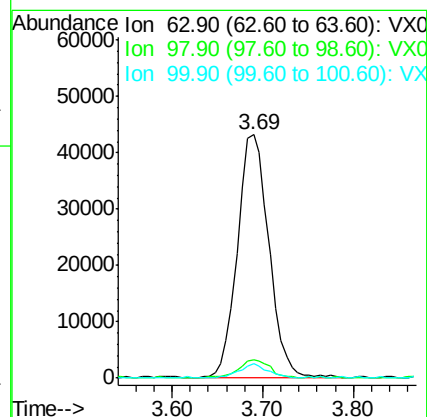
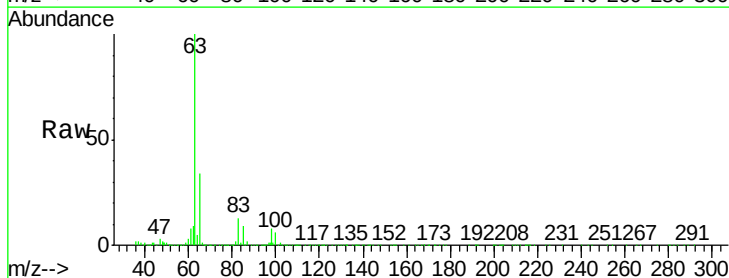
Tgt Ion: 63 Resp: 103494

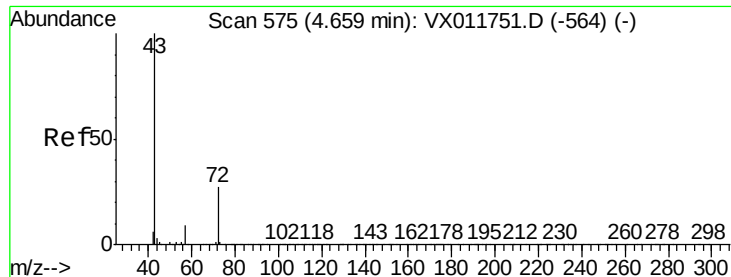
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 5.7 2.3 6.9





#25

2-Butanone

Concen: 93.785 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

Tot Ion: 43 Resp: 230040

Ion Ratio Lower Upper

43 100

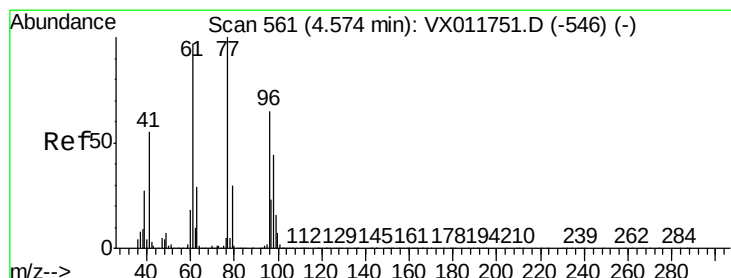
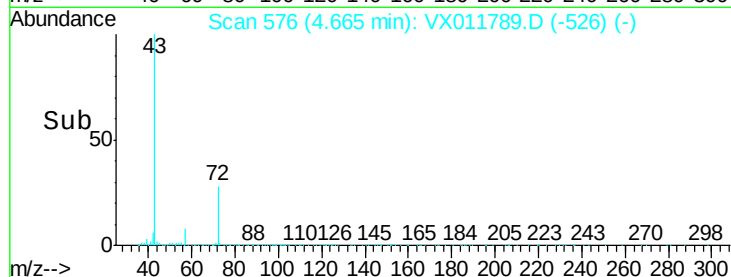
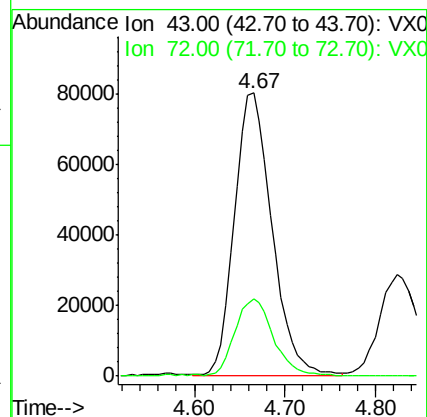
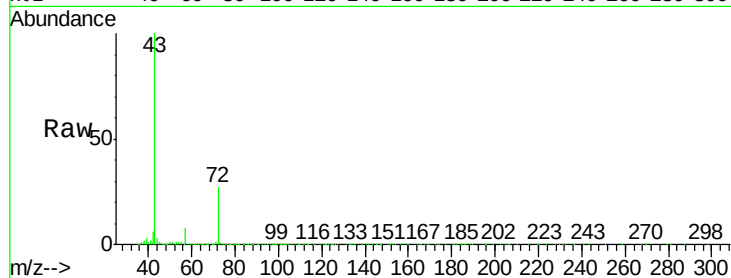
72 27.3 21.8 32.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.677 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011789.D

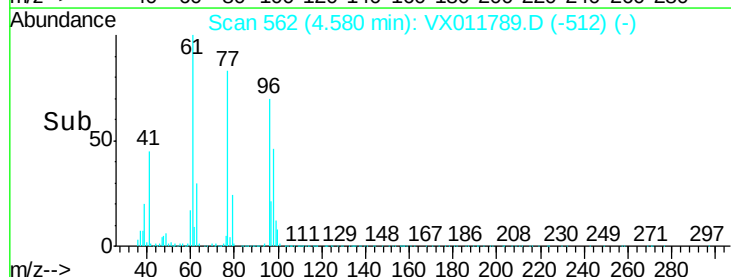
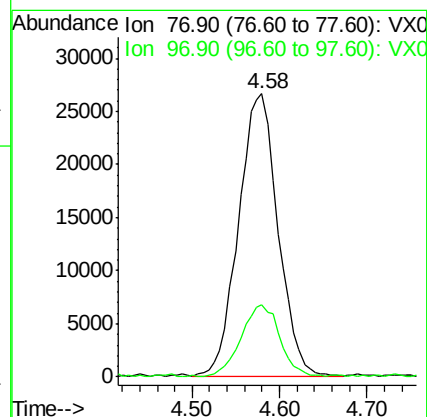
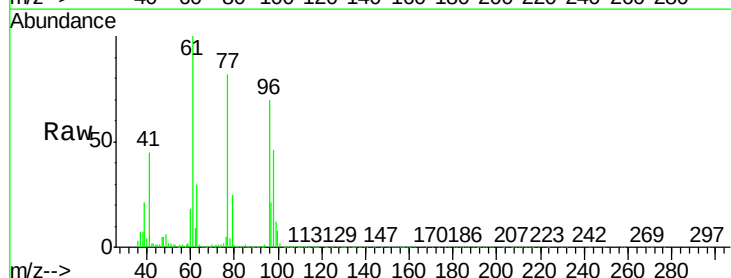
Acq: 23 Aug 2019 11:45

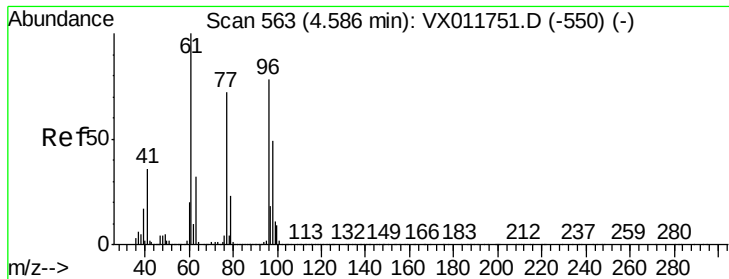
Tgt Ion: 77 Resp: 82567

Ion Ratio Lower Upper

77 100

97 25.7 12.2 36.6





#27

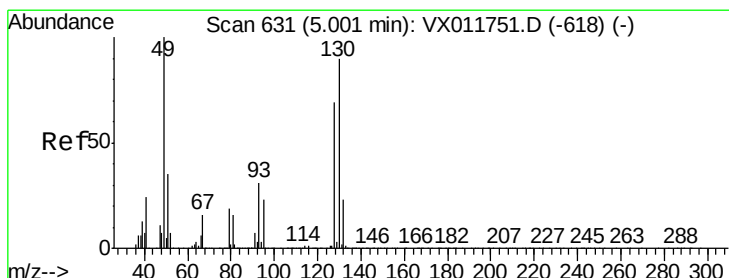
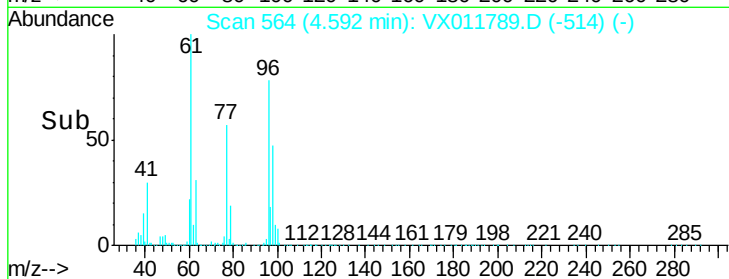
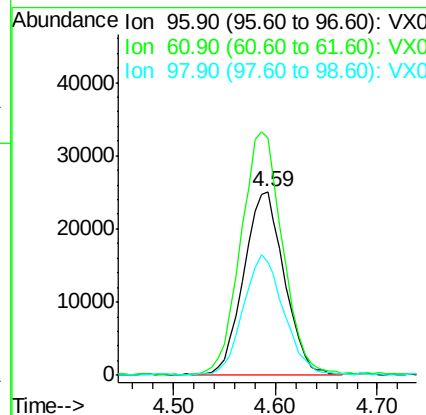
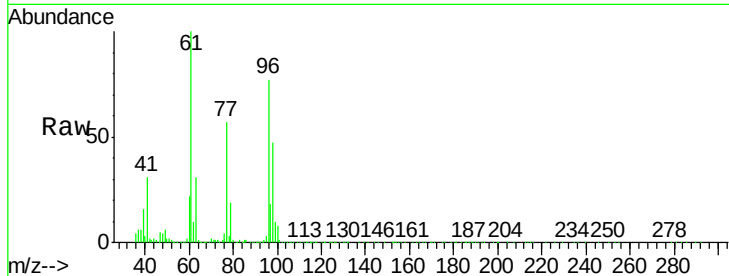
cis-1,2-Dichloroethene
Concen: 18.319 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69646		
61	136.0	0.0	275.8	
98	64.7	0.0	128.2	

Manual Integrations
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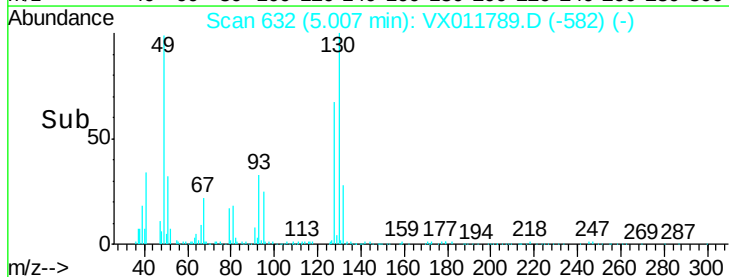
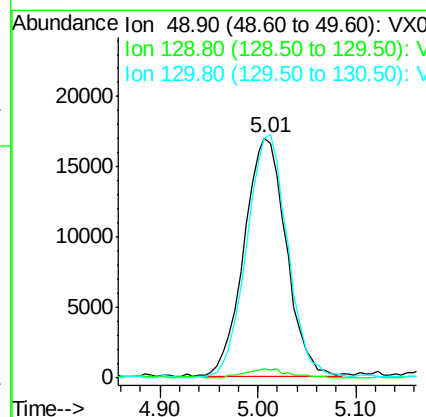
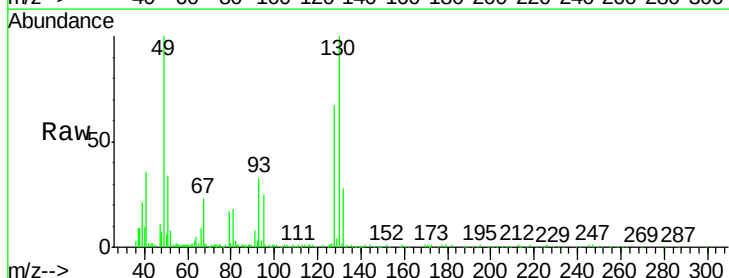
MMDadoda
8/26/2019 11:40:43 AM

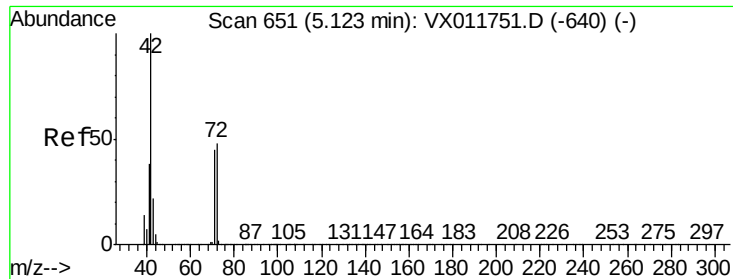


#28

Bromochloromethane
Concen: 20.198 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	50429		
129	4.2	0.0	5.8	
130	101.0	76.8	115.2	





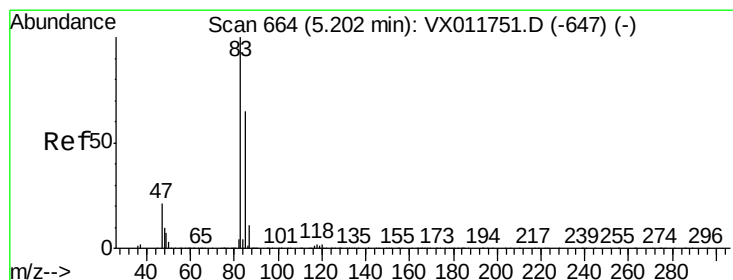
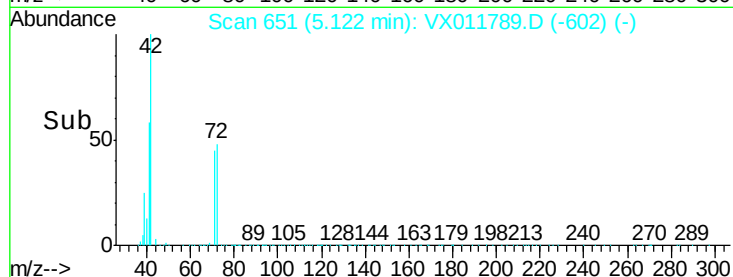
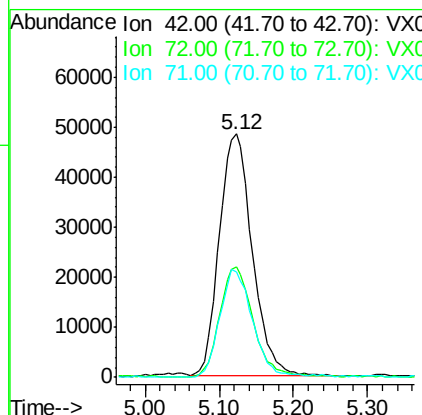
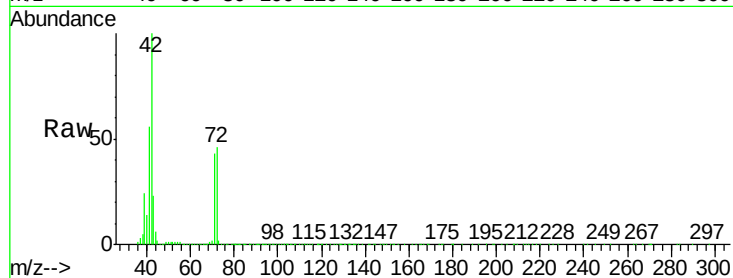
#29
Tetrahydrofuran
Concen: 94.586 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
72	45.7	37.6	56.4		
71	43.8	34.6	51.8		

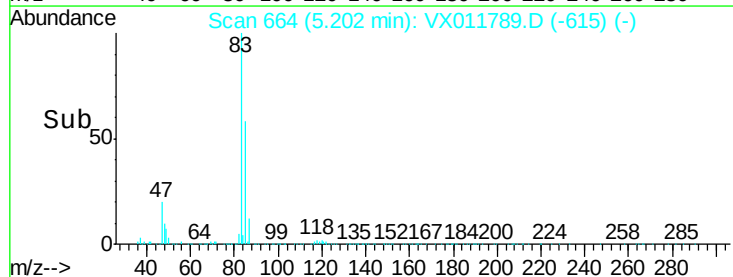
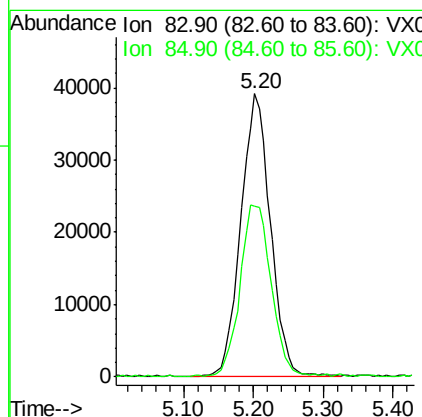
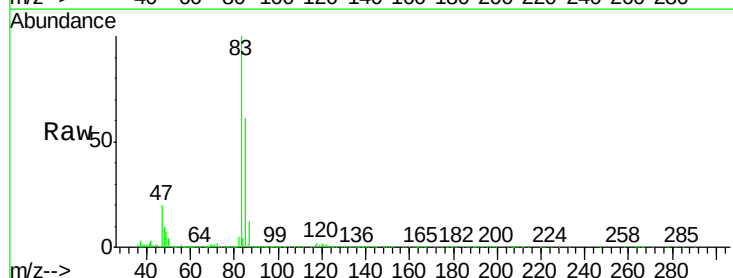
Manual Integrations
APPROVED

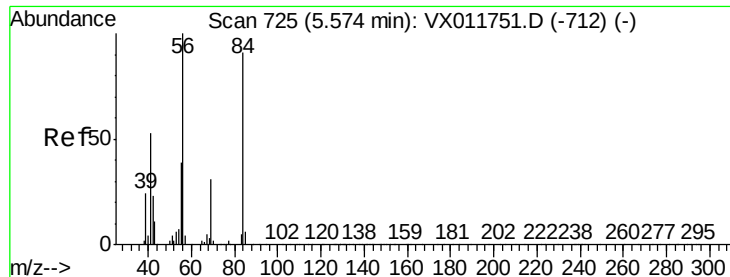
MMDadoda
8/26/2019 11:40:43 AM



#30
Chloroform
Concen: 19.312 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
85	60.1	51.8	77.8		





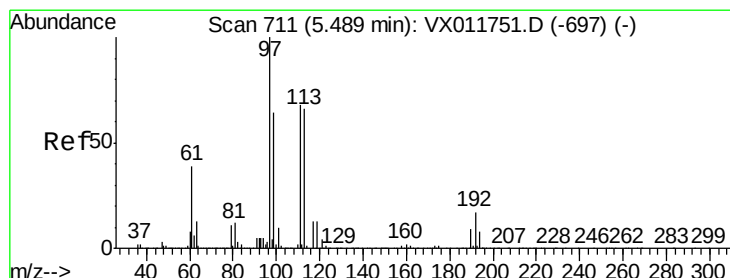
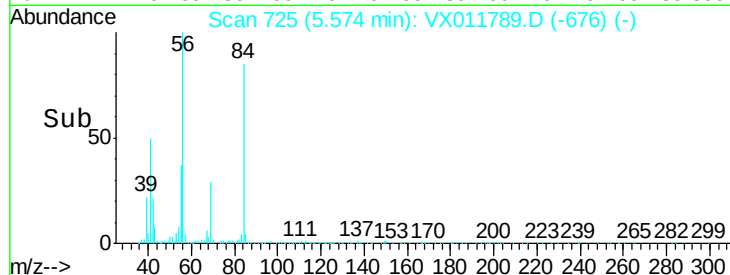
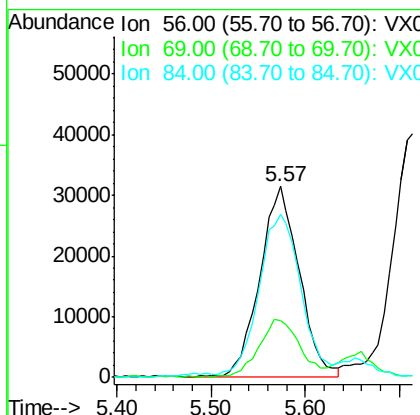
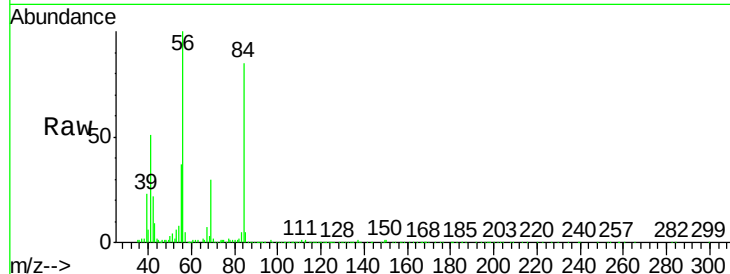
#31
Cyclohexane
Concen: 18.921 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		91398		
69	28.6	24.5	36.7		
84	84.4	72.7	109.1		

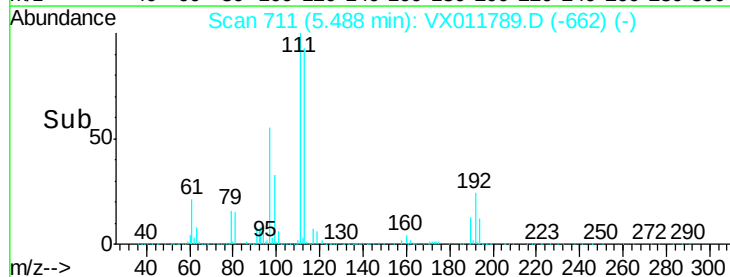
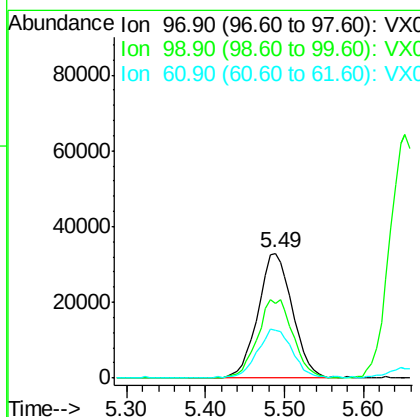
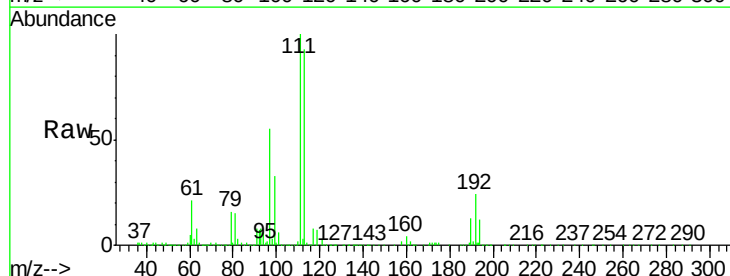
Manual Integrations
APPROVED

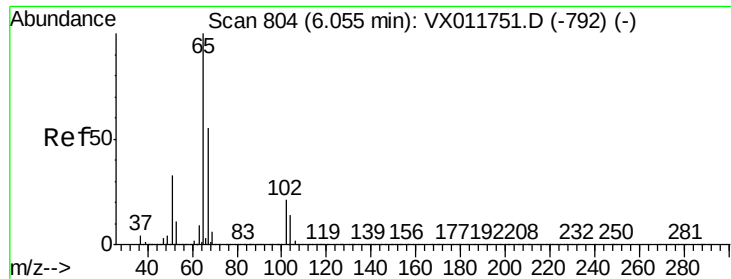
MMDadoda
8/26/2019 11:40:43 AM



#32
1,1,1-Trichloroethane
Concen: 19.260 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		99907		
99	64.4	51.4	77.0		
61	38.7	31.6	47.4		





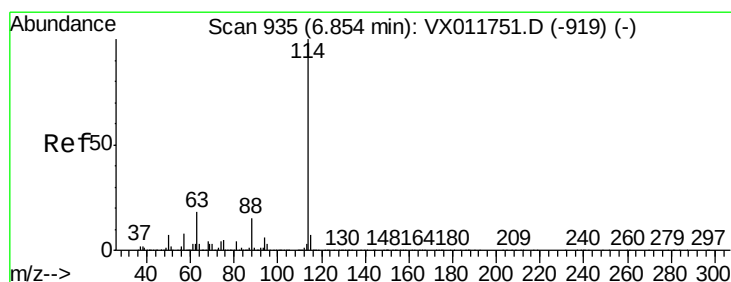
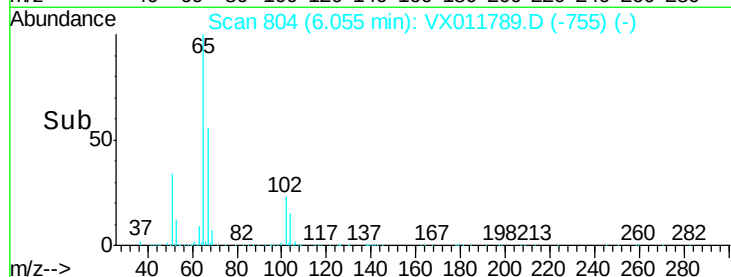
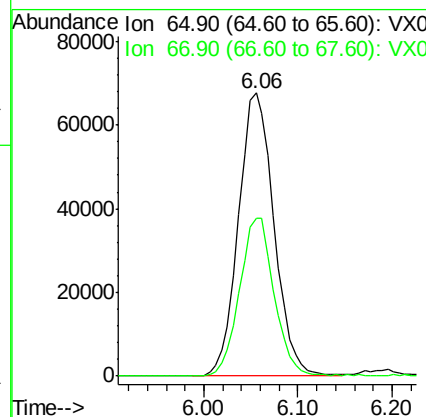
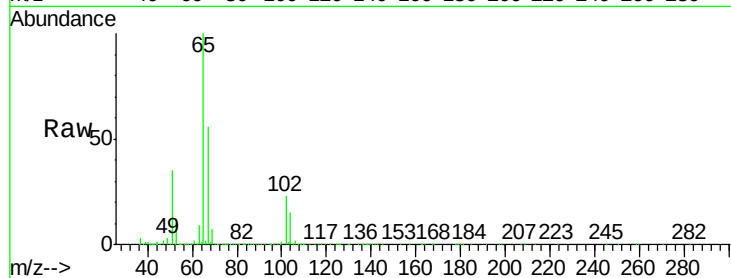
#33
 1,2-Dichloroethane-d4
 Concen: 45.136 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	177313		
67	54.2	0.0	107.8	

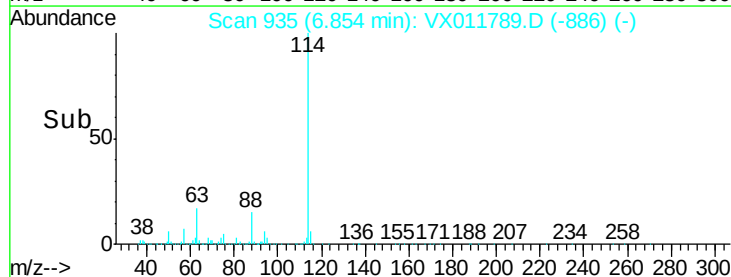
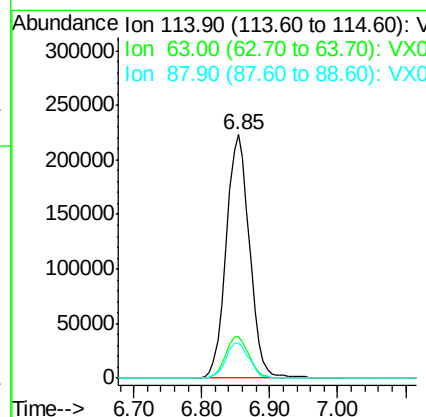
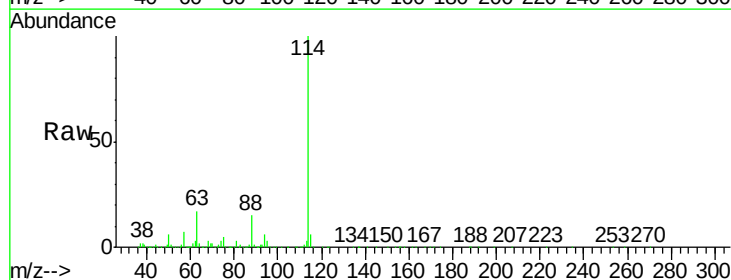
Manual Integrations
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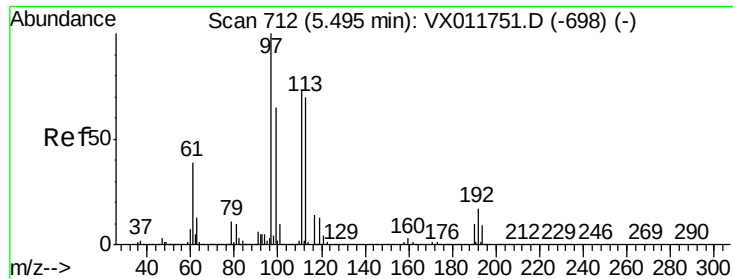
MMDadoda
 8/26/2019 11:40:43 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	530878		
63	17.0	0.0	36.8	
88	14.5	0.0	30.2	





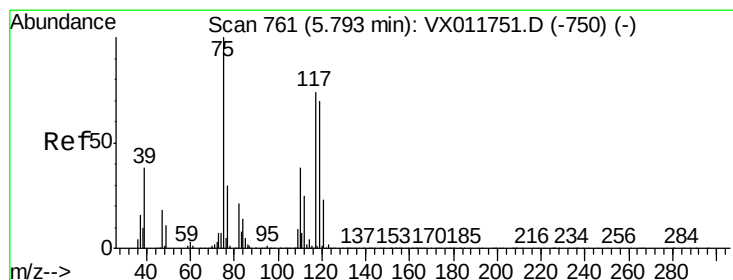
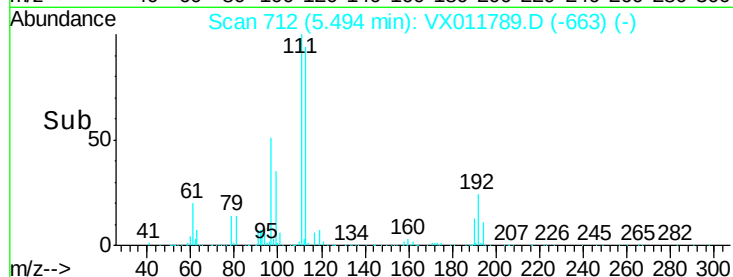
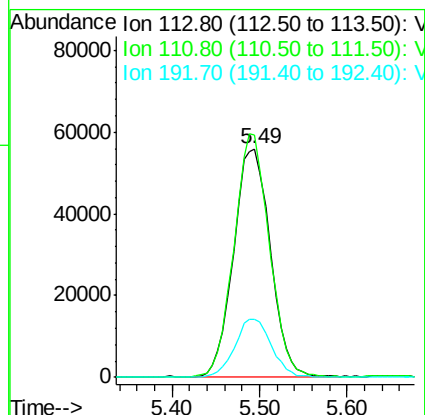
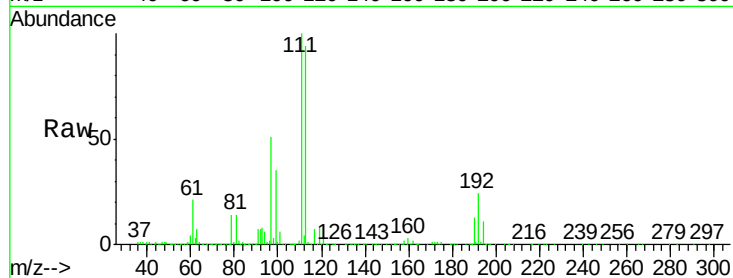
#35
Dibromofluoromethane
Concen: 47.745 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	163904		
111	102.8	81.0	121.4	
192	25.6	19.9	29.9	

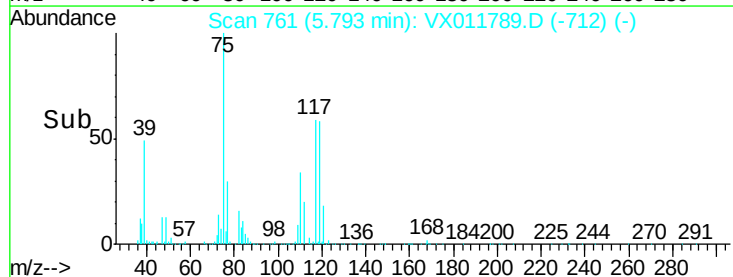
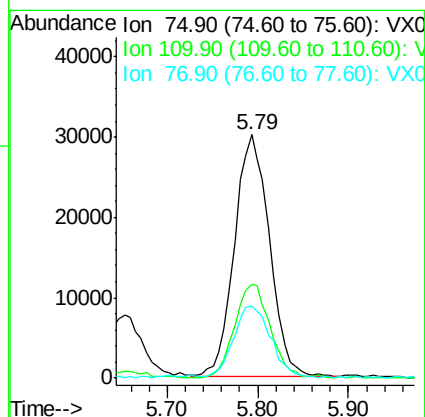
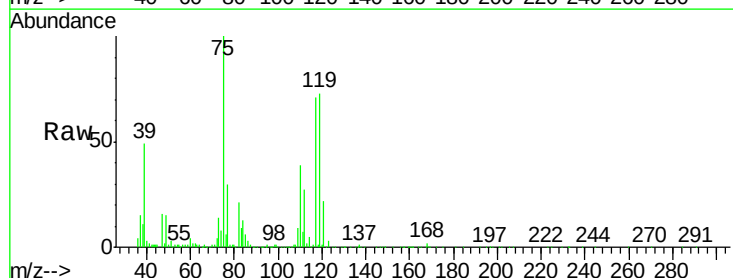
Manual Integrations
APPROVED

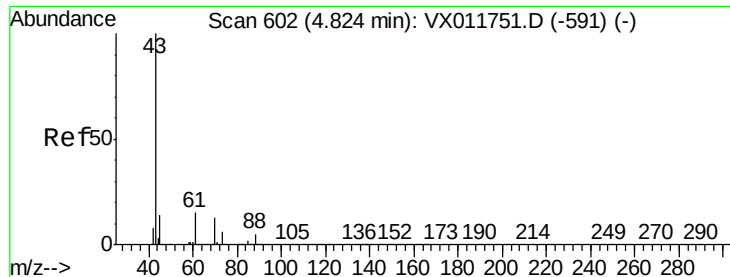
MMDadoda
8/26/2019 11:40:43 AM



#36
1,1-Dichloropropene
Concen: 19.452 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80980		
110	38.8	19.0	57.0	
77	30.7	24.6	36.8	





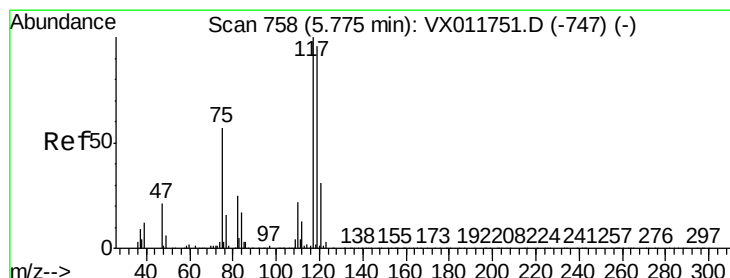
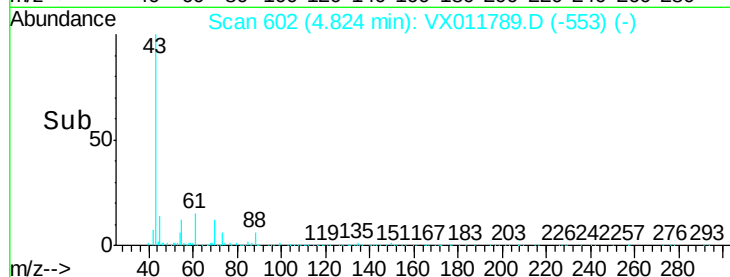
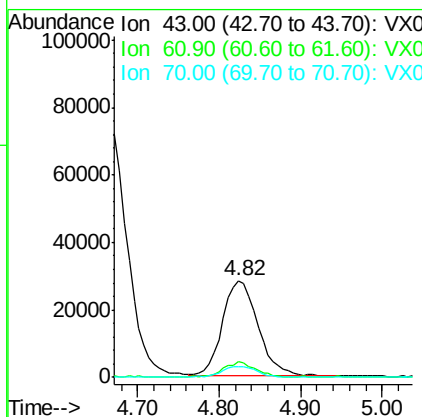
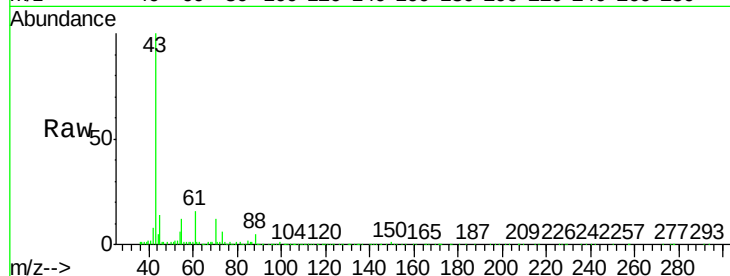
#37
Ethyl Acetate
Concen: 19.414 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	43	Resp	85528
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.5	17.3
70	11.2	9.5	14.3

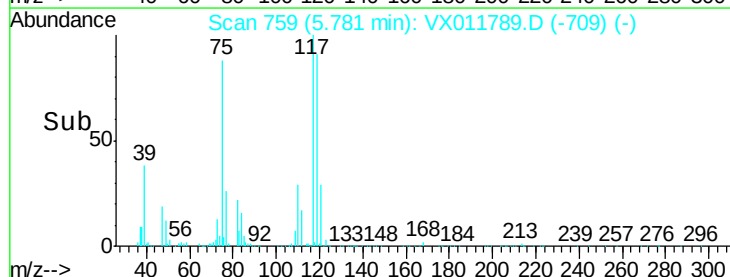
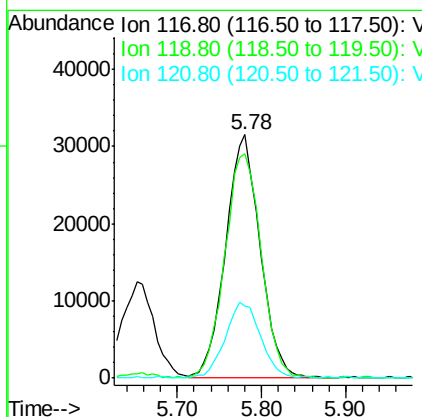
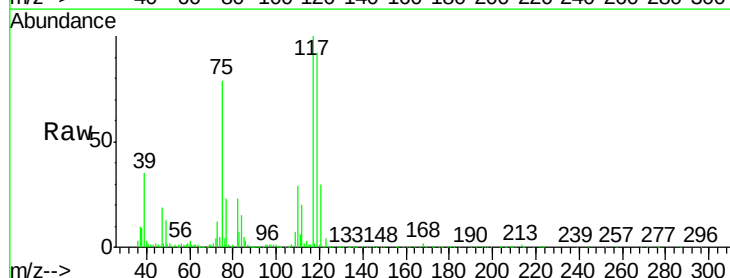
Manual Integrations
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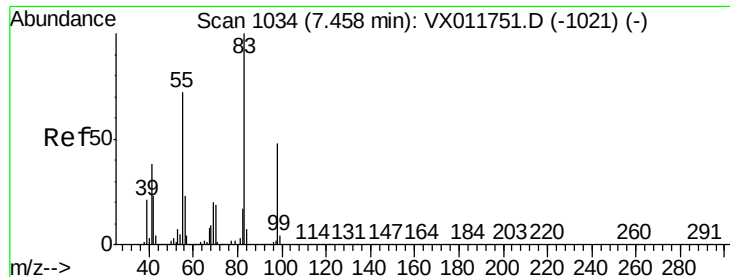
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.477 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.01 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	117	Resp	87174
Ion Ratio	Lower	Upper	
117	100		
119	91.9	76.6	114.8
121	29.4	25.2	37.8





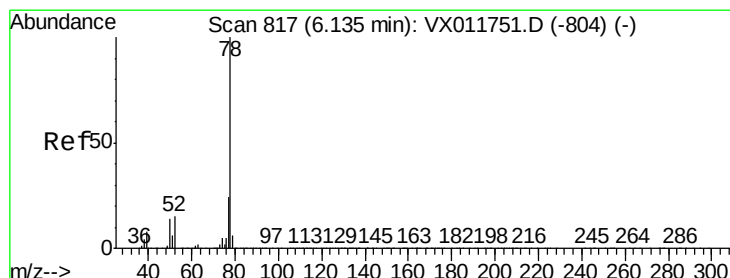
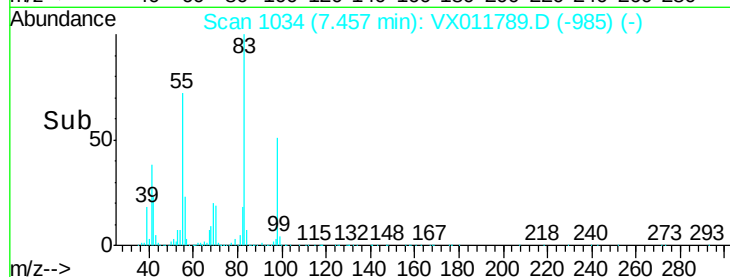
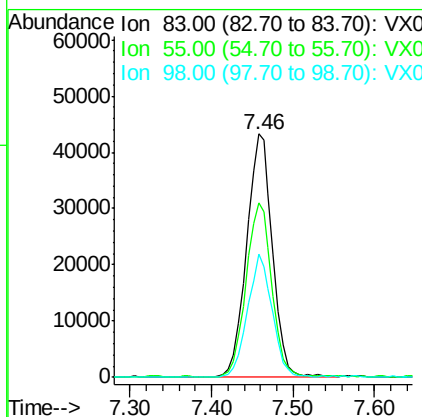
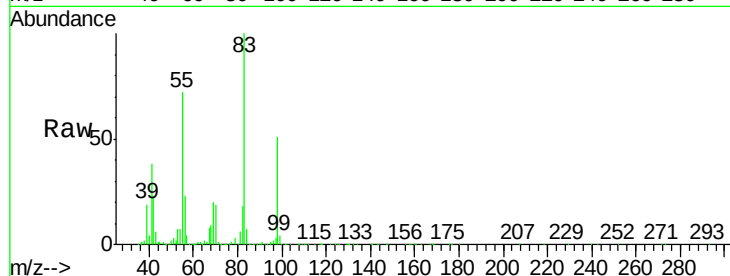
#39
Methylvlcyclohexane
Concen: 18.510 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.2	57.8	86.6
98	50.6	38.6	58.0

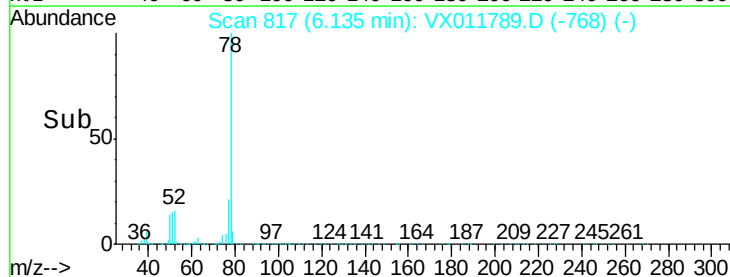
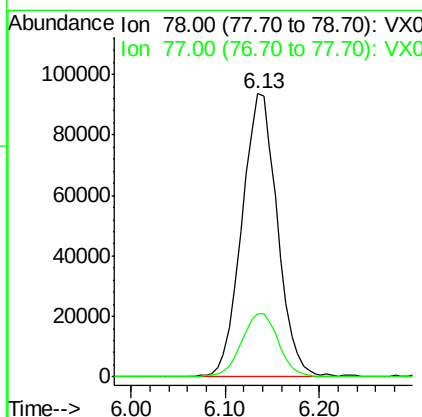
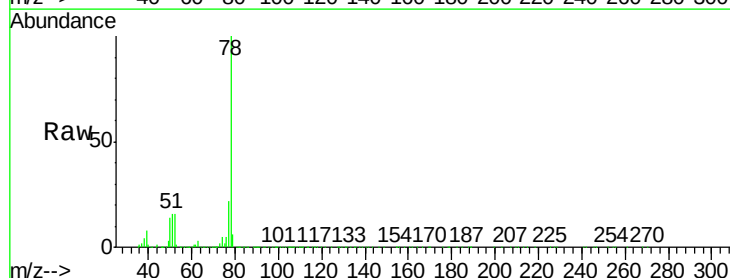
Manual Integrations
APPROVED

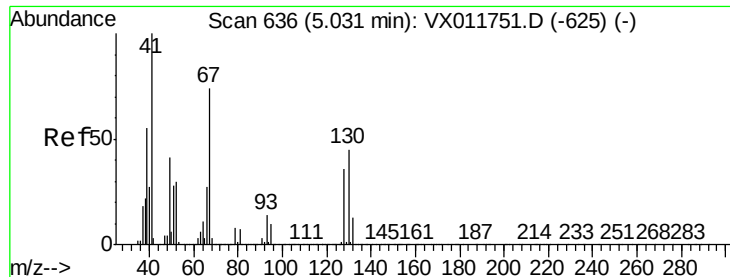
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#40
Benzene
Concen: 19.018 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.1	28.7





#41

Methacrylonitrile

Concen: 18.457 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

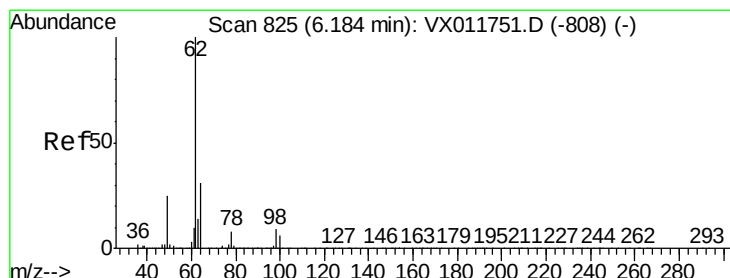
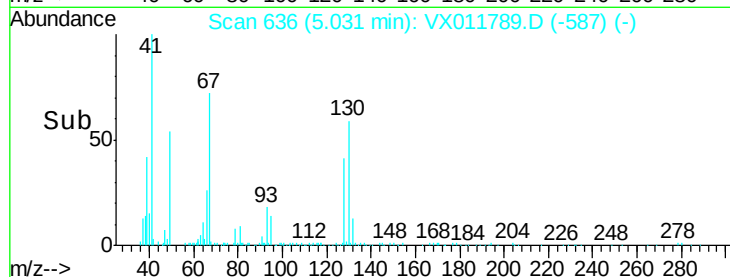
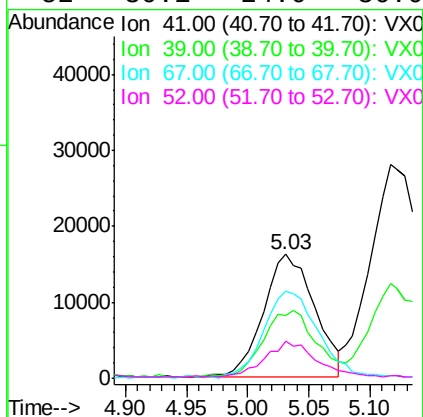
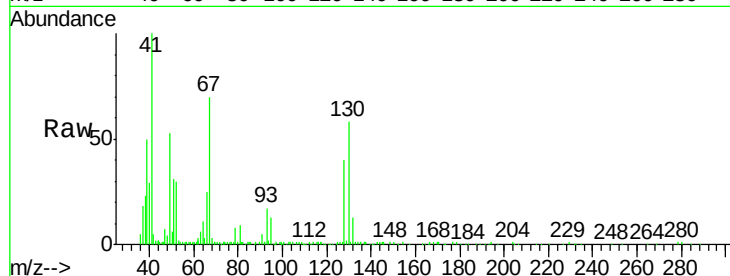
ClientSampleId :

VX0823MBS01

Tot Ion:	41	Resp:	47291
Ion Ratio	Lower	Upper	
41	100		
39	55.9	44.3	66.5
67	73.6	60.3	90.5
52	30.1	24.0	36.0

Manual Integrations
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8/26/2019 11:40:43 AM



#42

1,2-Dichloroethane

Concen: 17.691 ug/l

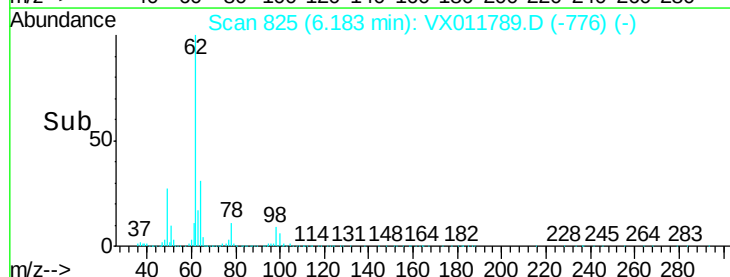
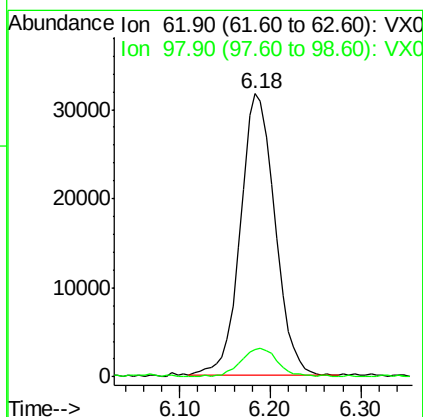
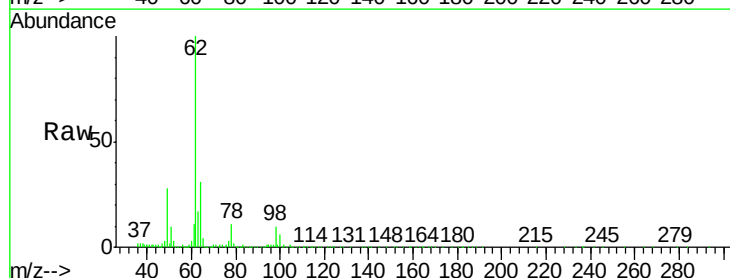
RT: 6.18 min Scan# 825

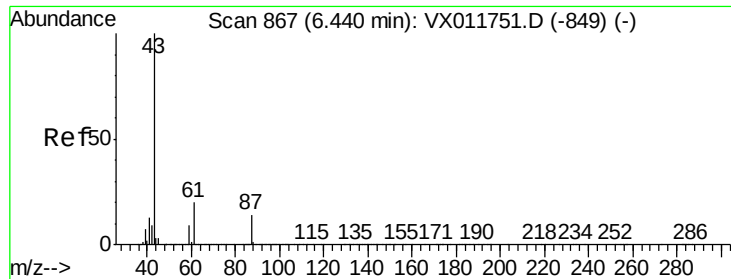
Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion:	62	Resp:	83282
Ion Ratio	Lower	Upper	
62	100		
98	11.2	0.0	18.8





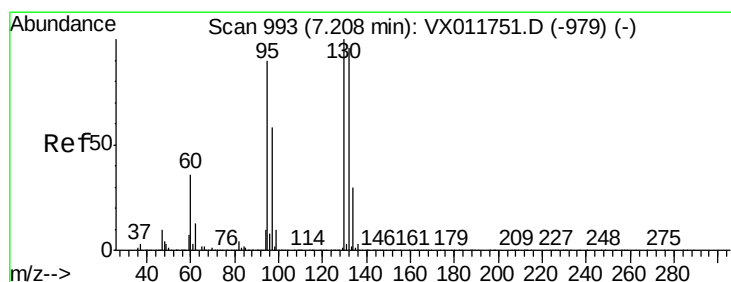
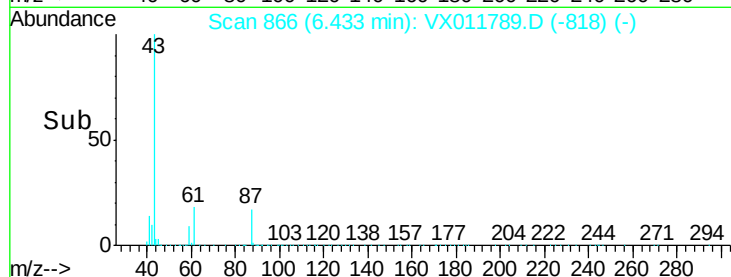
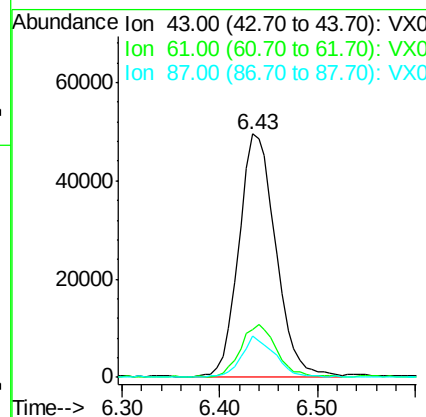
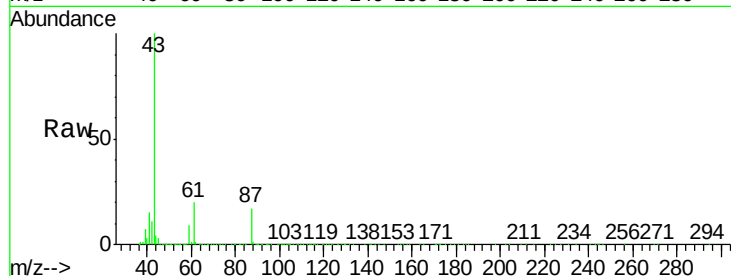
#43
Isopropyl Acetate
Concen: 18.140 ug/l
RT: 6.43 min Scan# 866
Delta R.T. -0.01 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	43	Resp	129349
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.2
87	15.0	11.6	17.4

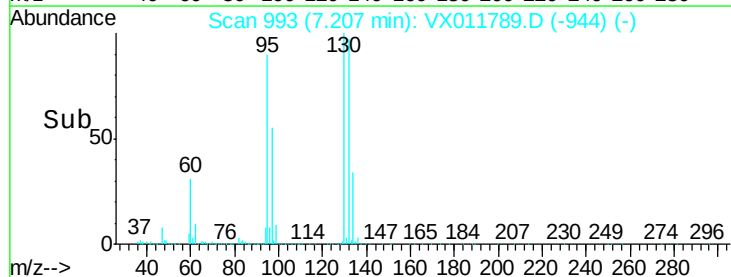
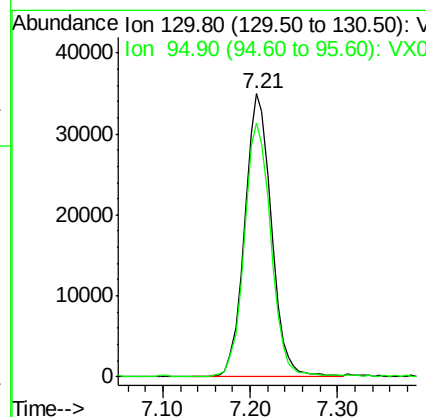
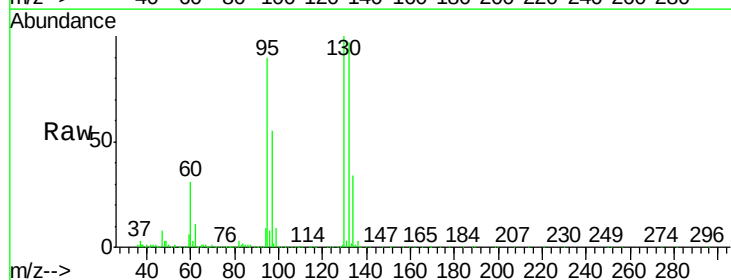
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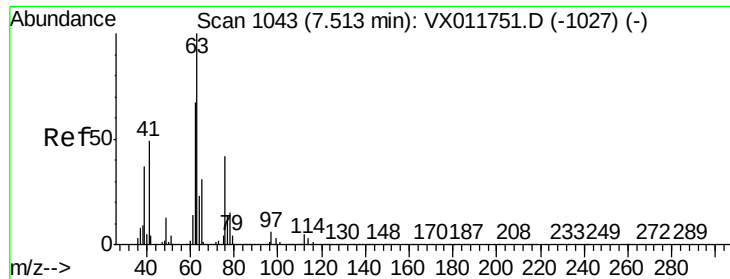
MMDadoda
8/26/2019 11:40:43 AM



#44
Trichloroethene
Concen: 18.676 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	130	Resp	74141
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	179.0





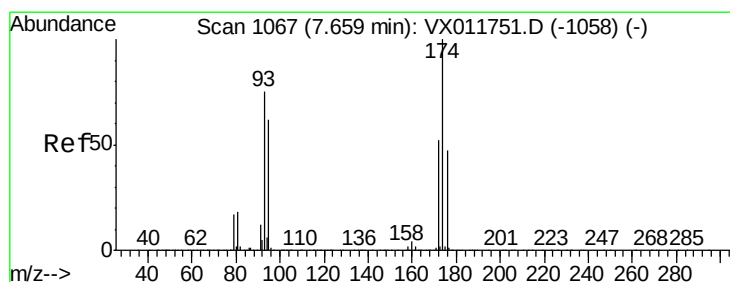
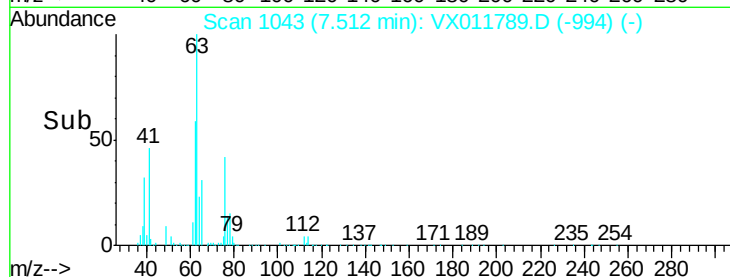
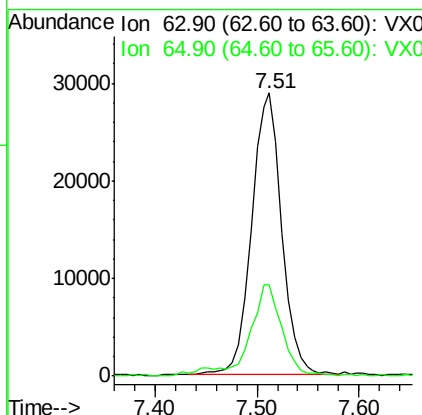
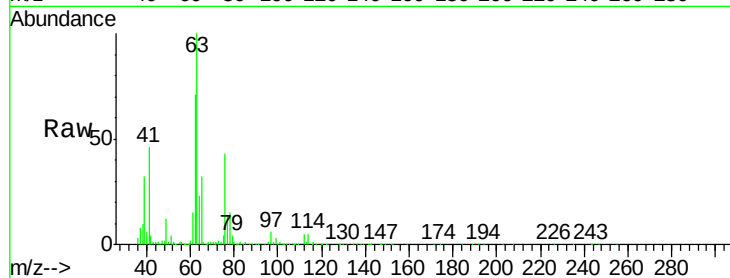
#45
 1,2-Dichloropropane
 Concen: 18.264 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.8	37.2

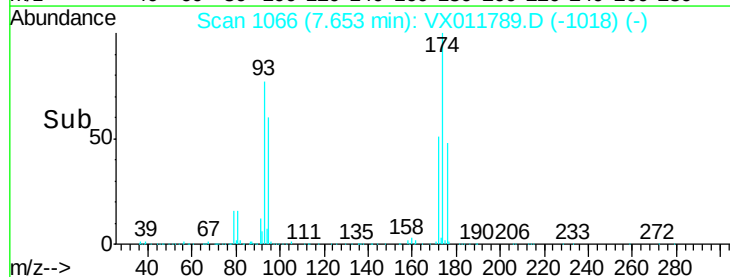
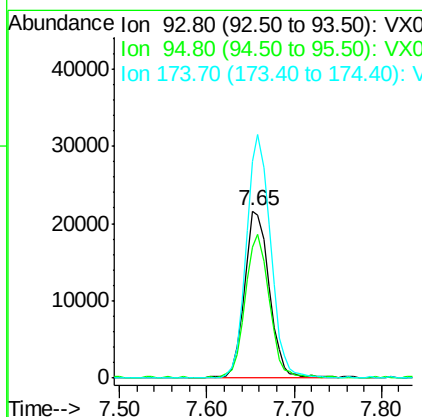
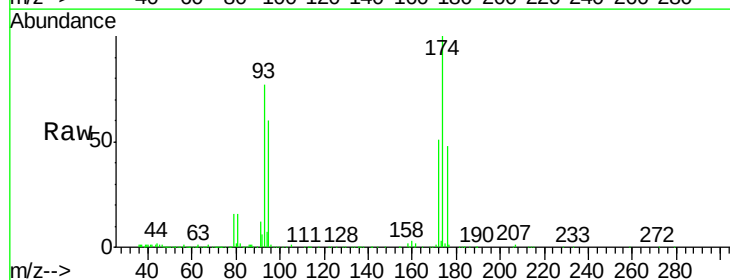
Manual Integrations
 APPROVED

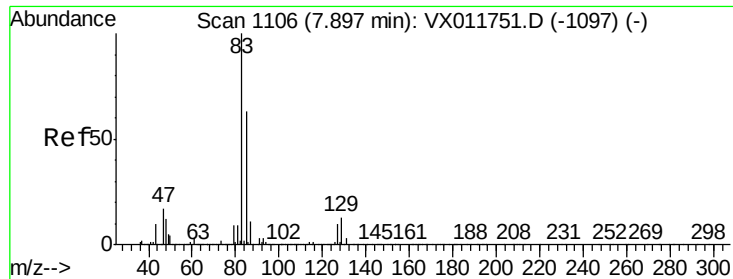
MMDadoda
 8/26/2019 11:40:43 AM



#46
 Dibromomethane
 Concen: 17.956 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.2	99.2
174	141.1	104.2	156.4





#47

Bromodichloromethane

Concen: 17.755 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

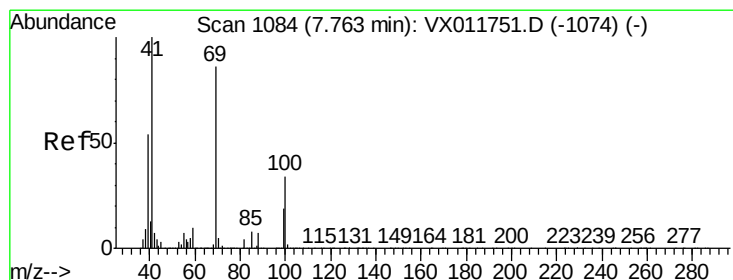
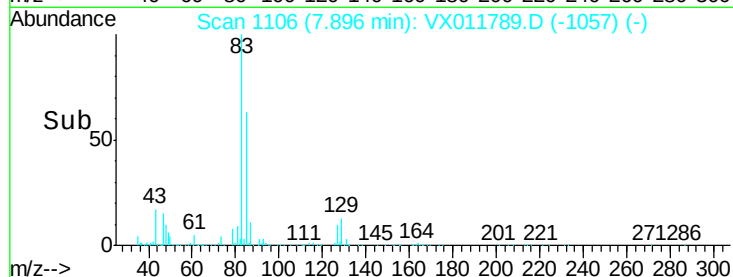
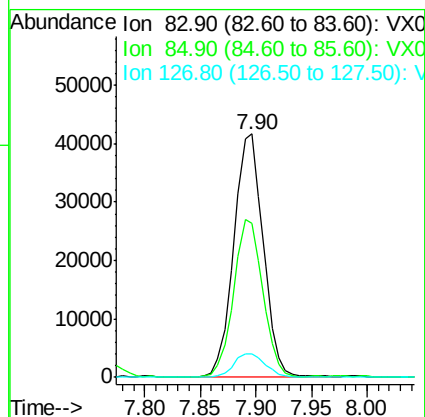
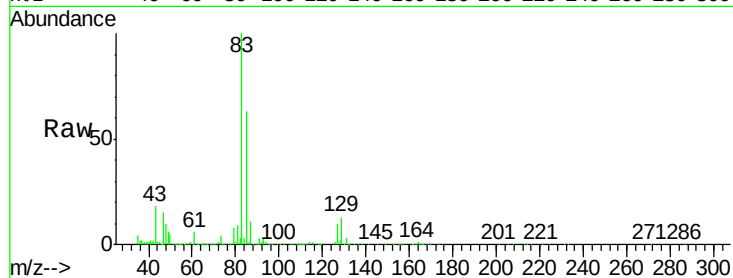
ClientSampleId :

VX0823MBS01

Tot Ion:	83	Resp:	76276
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	76.0
127	9.7	8.4	12.6

Manual Integrations
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MMDadoda
8/26/2019 11:40:43 AM



#48

Methyl methacrylate

Concen: 17.932 ug/l

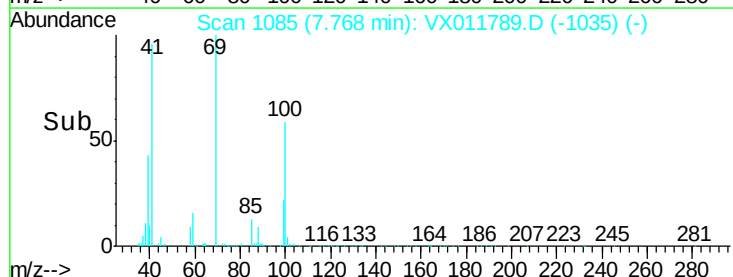
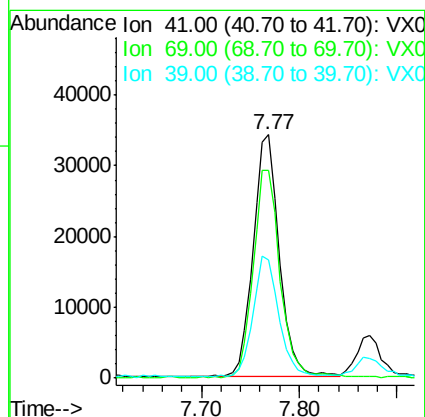
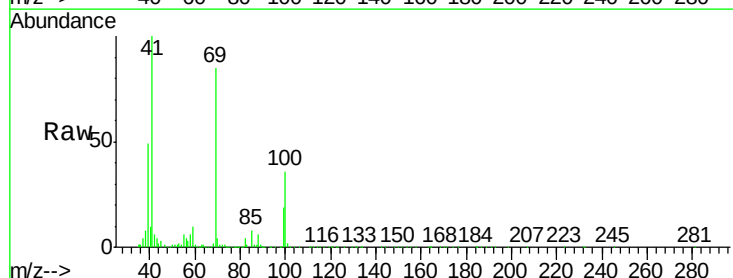
RT: 7.77 min Scan# 1085

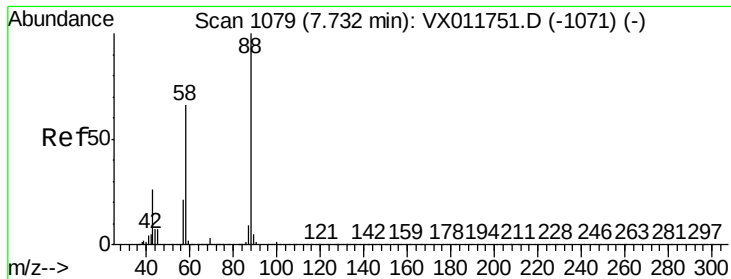
Delta R.T. 0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion:	41	Resp:	63633
Ion	Ratio	Lower	Upper
41	100		
69	88.2	69.4	104.2
39	49.3	43.6	65.4





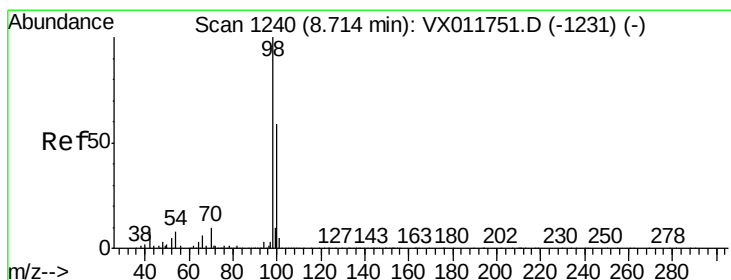
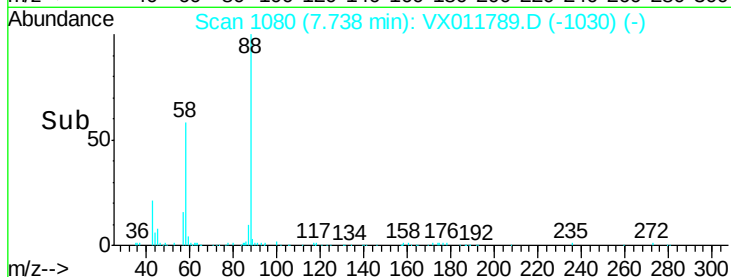
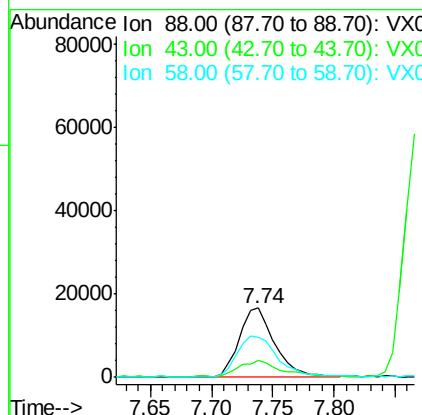
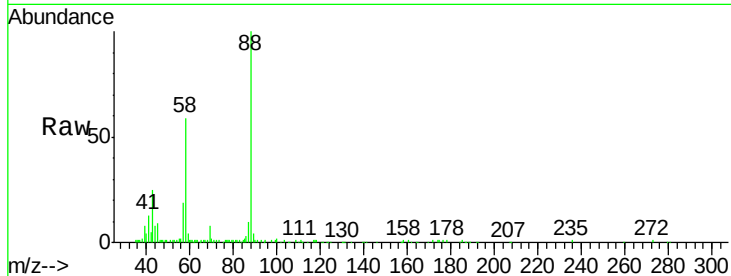
#49
1,4-Dioxane
Concen: 339.167 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.5	24.6	37.0
58	70.2	51.4	77.2

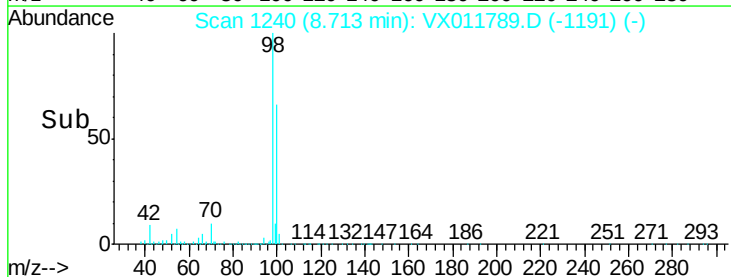
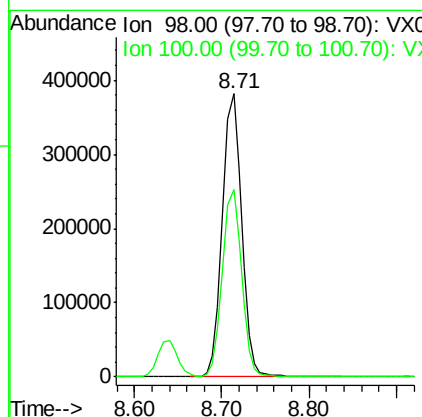
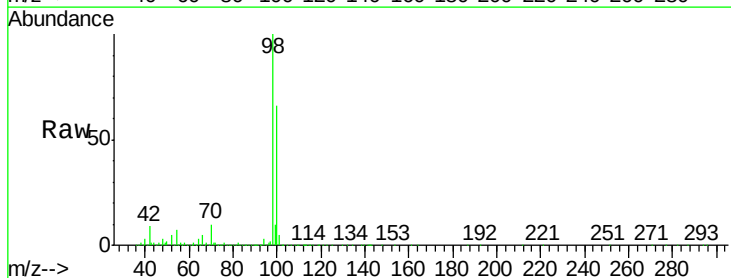
Manual Integrations
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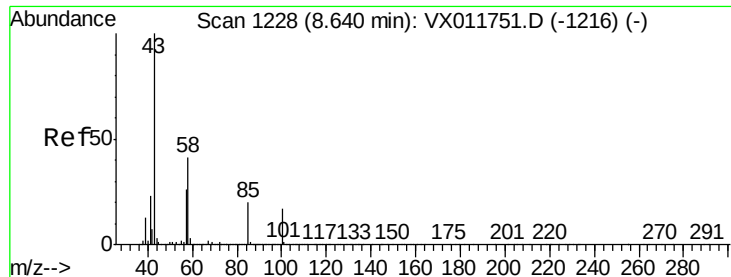
MMDadoda
8/26/2019 11:40:43 AM



#50
Toluene-d8
Concen: 48.941 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 90.037 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

Tot Ion: 43 Resp: 423033

Ion Ratio Lower Upper

43 100

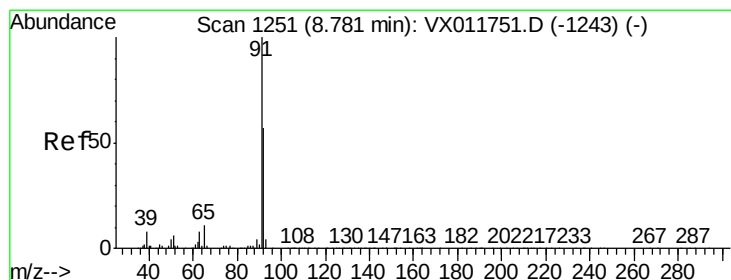
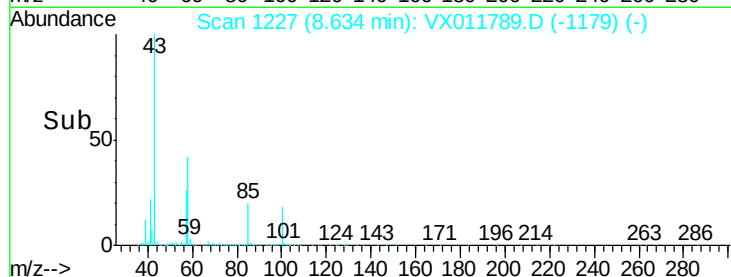
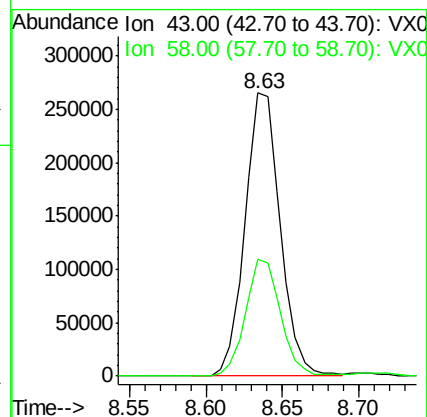
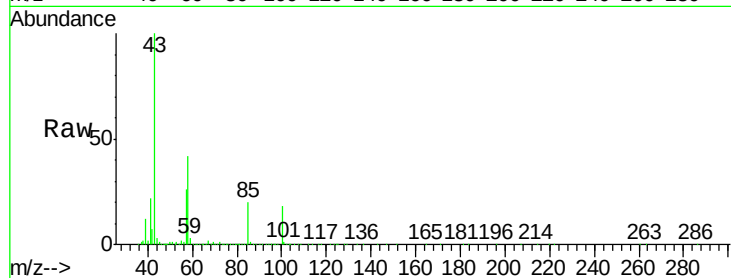
58 41.1 31.8 47.6

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 18.878 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011789.D

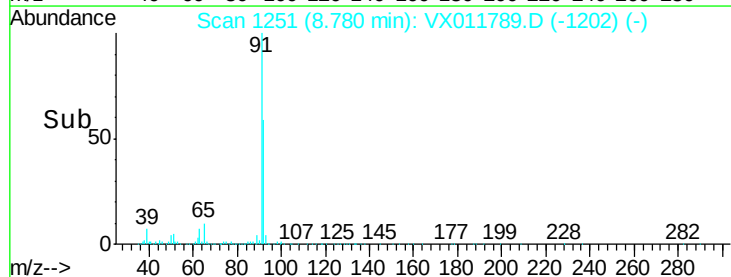
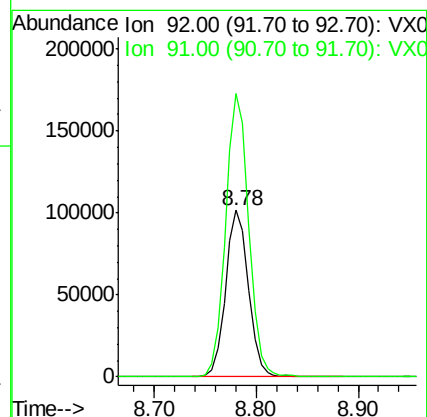
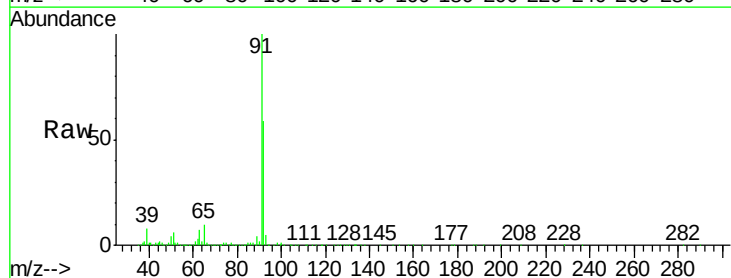
Acq: 23 Aug 2019 11:45

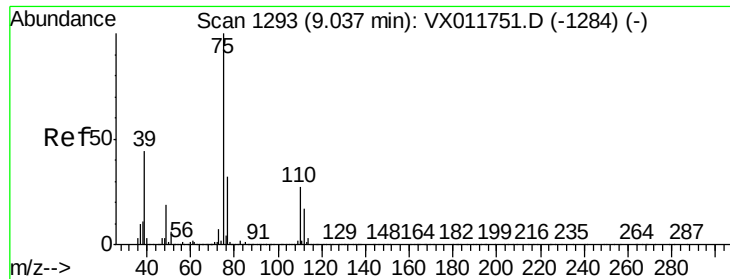
Tgt Ion: 92 Resp: 157323

Ion Ratio Lower Upper

92 100

91 172.3 138.6 207.8





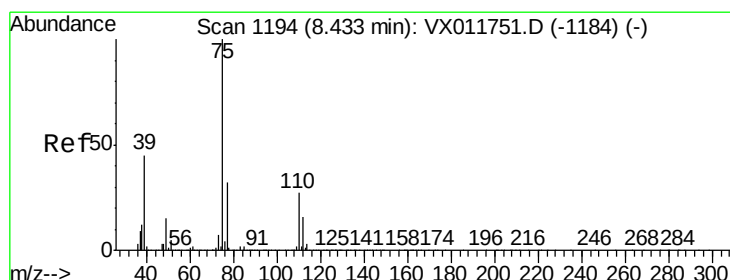
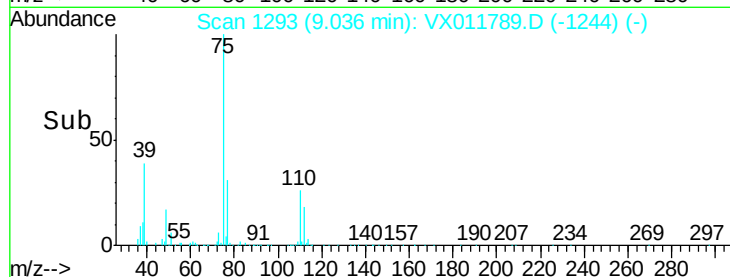
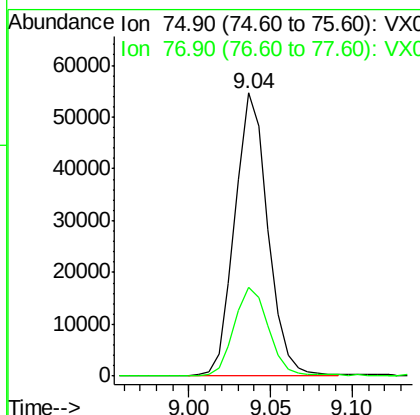
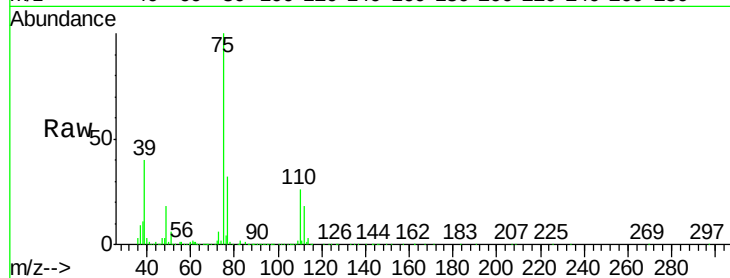
#53
t-1,3-Dichloropropene
Concen: 17.115 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0

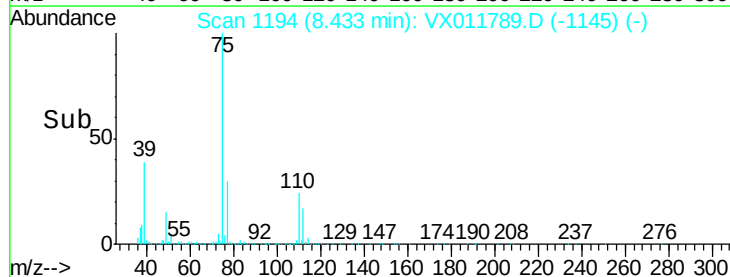
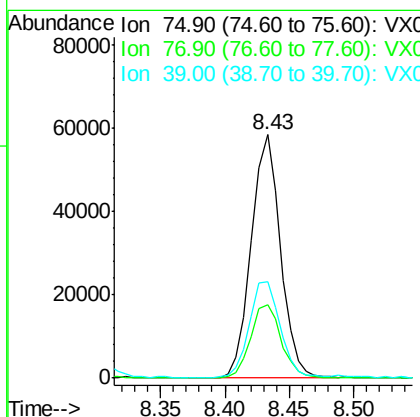
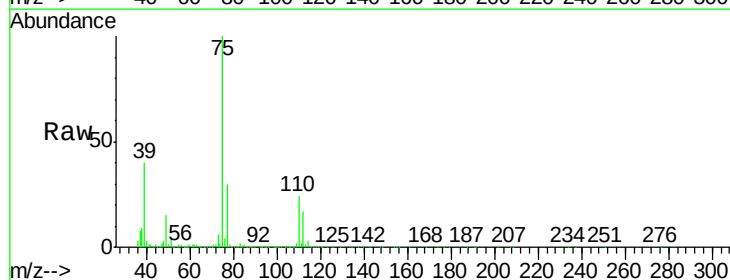
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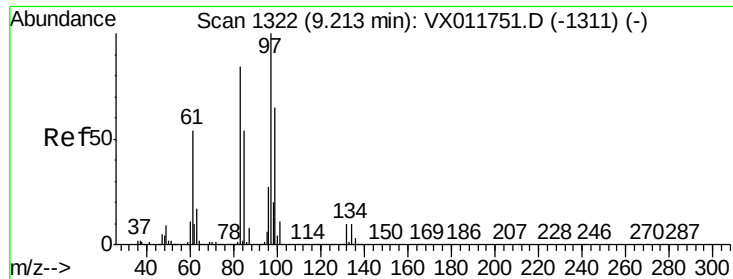
MMDadoda
8/26/2019 11:40:43 AM



#54
cis-1,3-Dichloropropene
Concen: 18.531 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.2
39	39.3	36.2	54.4





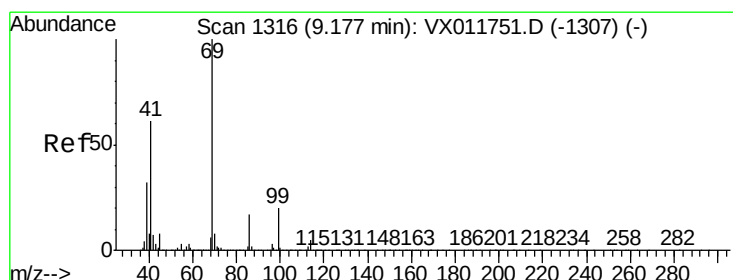
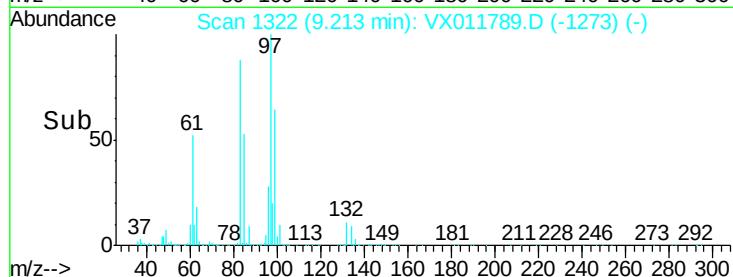
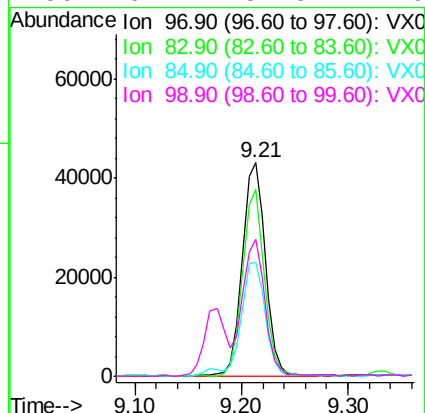
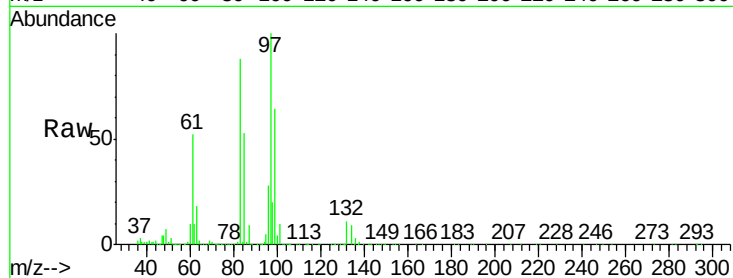
#55
 1,1,2-Trichloroethane
 Concen: 19.101 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		66321		
83	87.5	67.3	100.9		
85	53.3	43.4	65.2		
99	64.1	51.8	77.6		

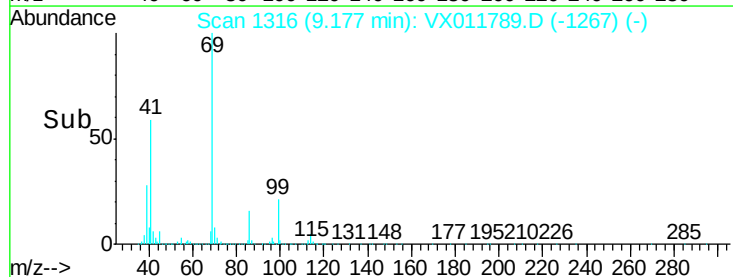
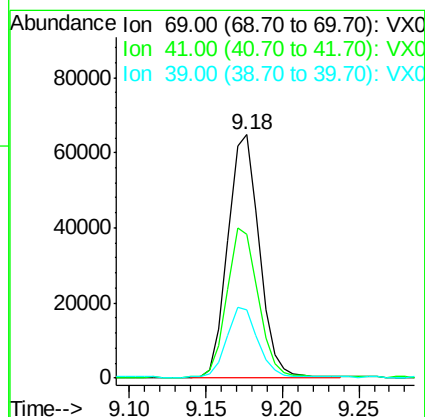
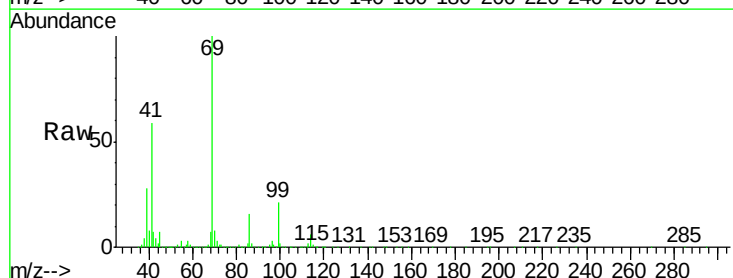
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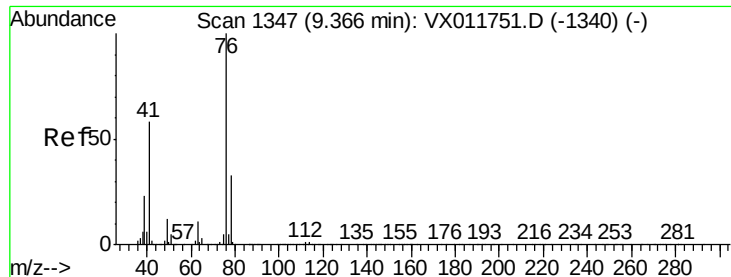
MMDadoda
 8/26/2019 11:40:43 AM



#56
 Ethyl methacrylate
 Concen: 18.872 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		93185		
41	60.9	50.7	76.1		
39	29.1	26.4	39.6		





#57

1,3-Dichloropropane

Concen: 18.307 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

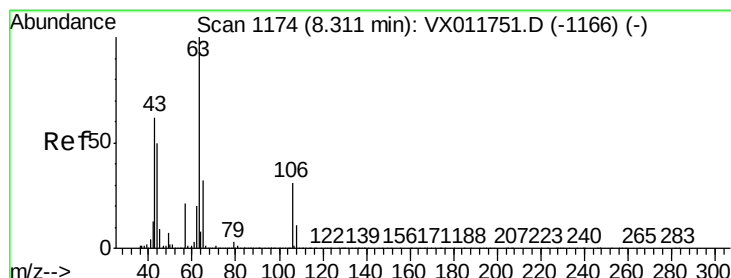
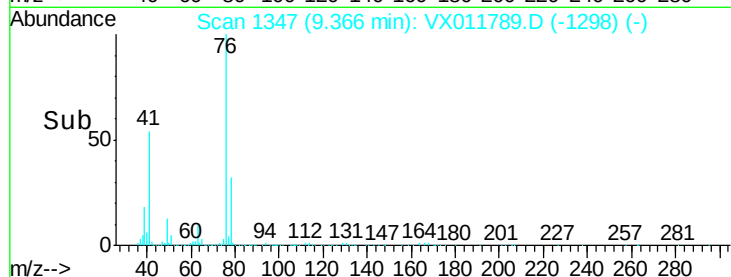
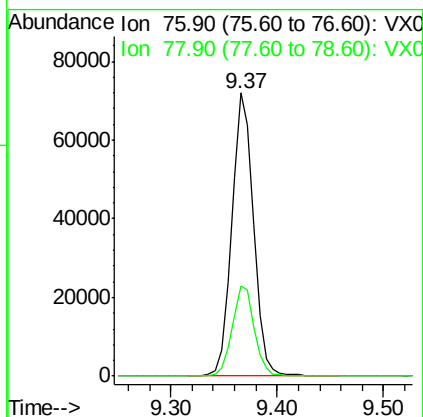
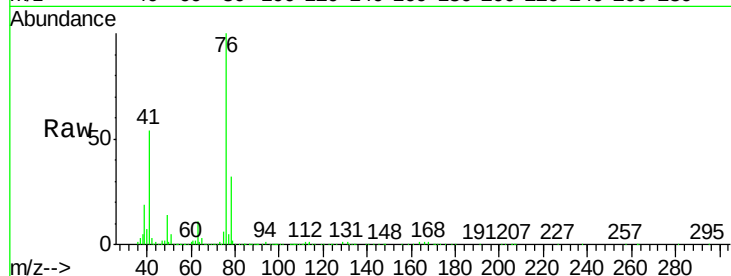
ClientSampleId :

VX0823MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.6	39.8

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8/26/2019 11:40:43 AM



#58

2-Chloroethyl Vinyl ether

Concen: 96.788 ug/l

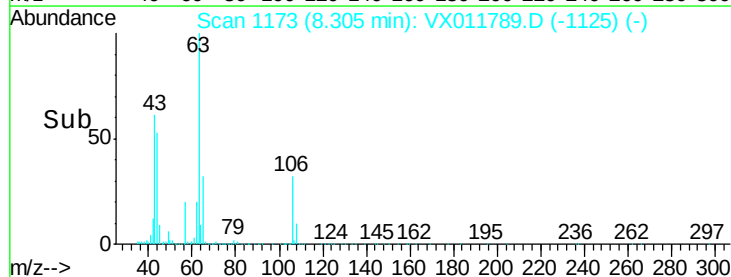
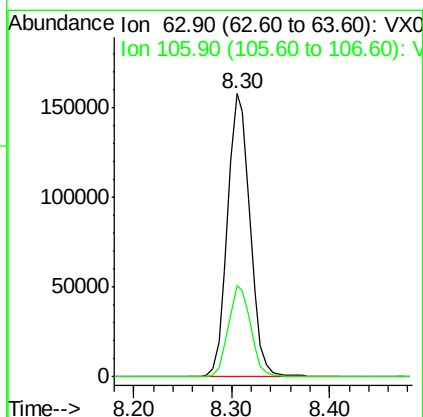
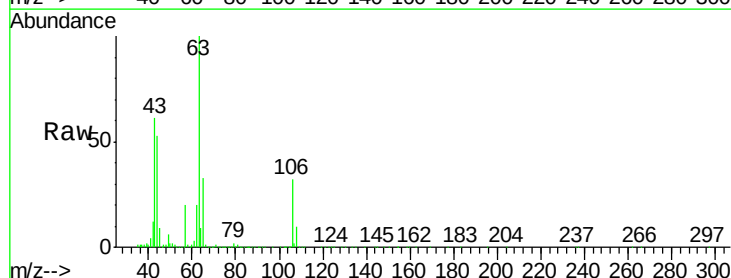
RT: 8.30 min Scan# 1173

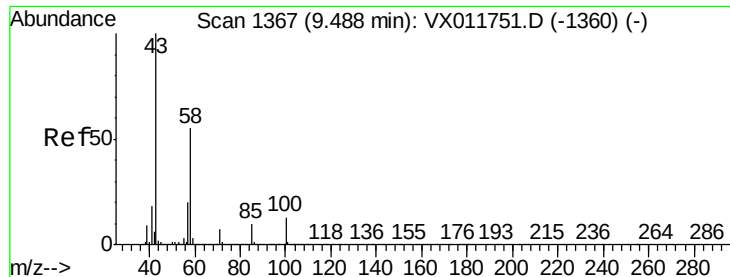
Delta R.T. -0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.2	24.9	37.3





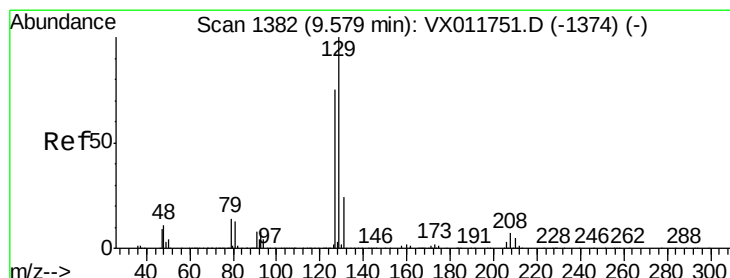
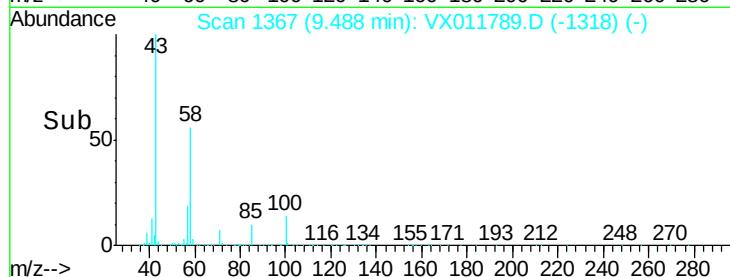
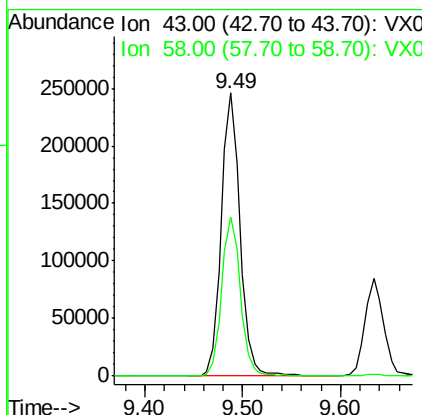
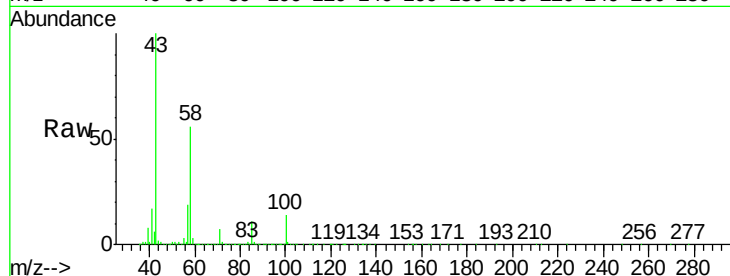
#59
2-Hexanone
Concen: 90.536 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion: 43 Resp: 326487
Ion Ratio Lower Upper
43 100
58 56.4 27.7 83.1

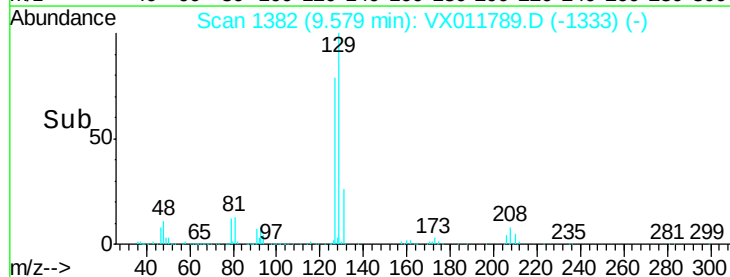
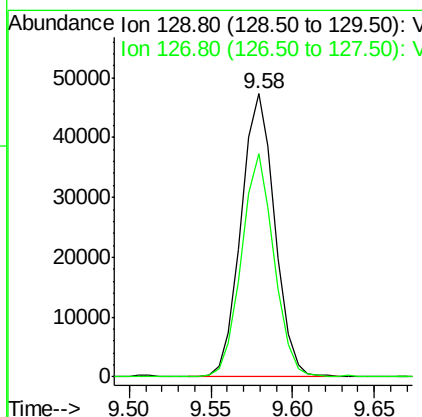
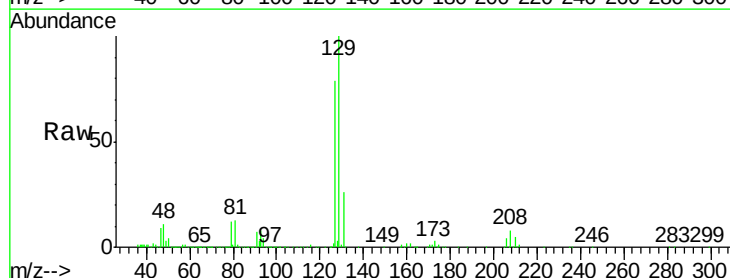
Manual Integrations
APPROVED

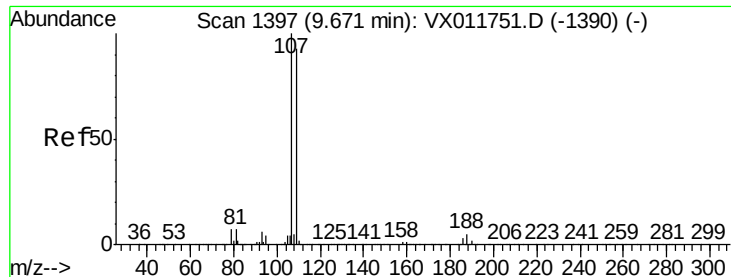
MMDadoda
8/26/2019 11:40:43 AM



#60
Dibromochloromethane
Concen: 18.222 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion: 129 Resp: 68405
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 18.809 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

Tot Ion: 107 Resp: 70073

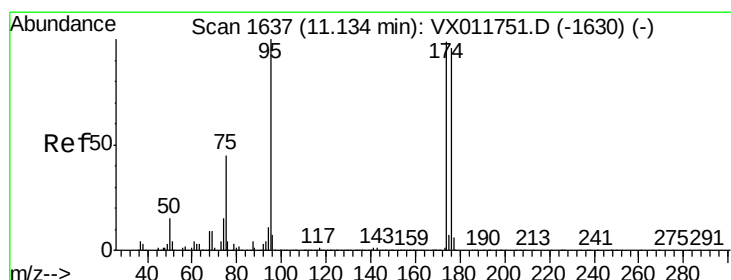
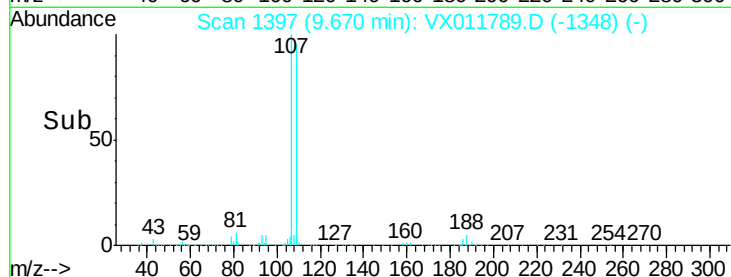
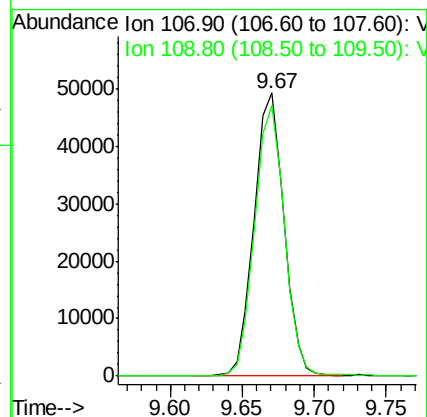
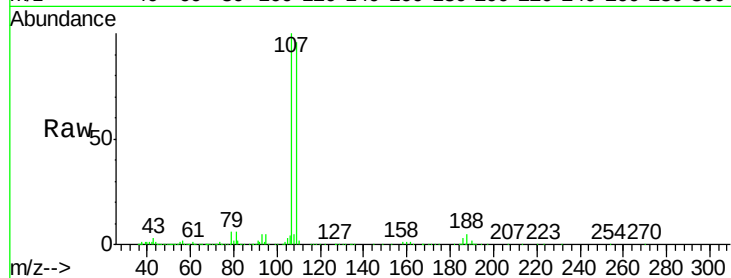
Ion Ratio Lower Upper

107 100

109 95.6 75.8 113.8

Manual Integrations
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8/26/2019 11:40:43 AM



#62

4-Bromofluorobenzene

Concen: 45.040 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

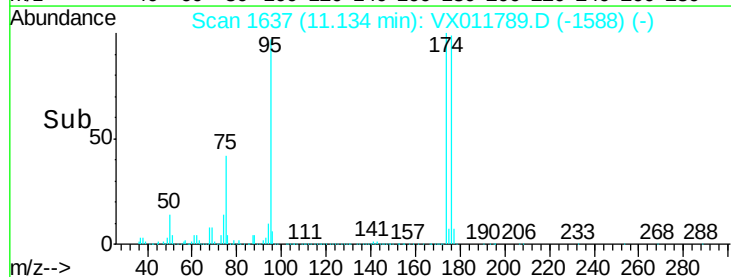
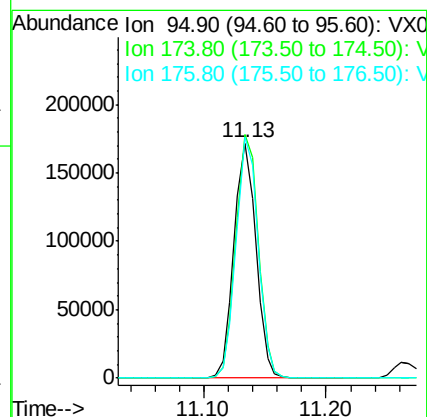
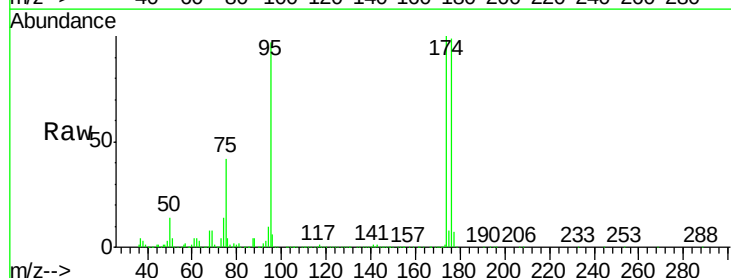
Tgt Ion: 95 Resp: 213167

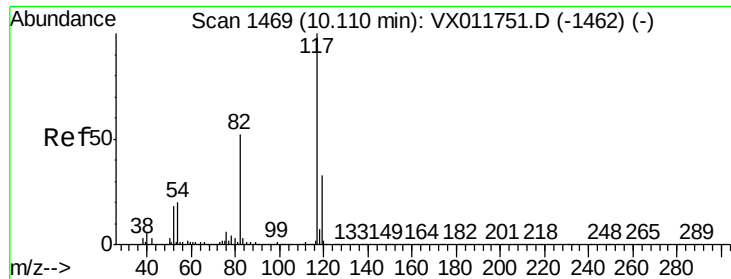
Ion Ratio Lower Upper

95 100

174 105.9 0.0 197.4

176 102.3 0.0 194.4





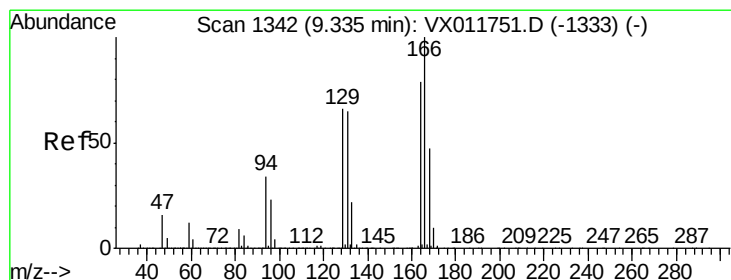
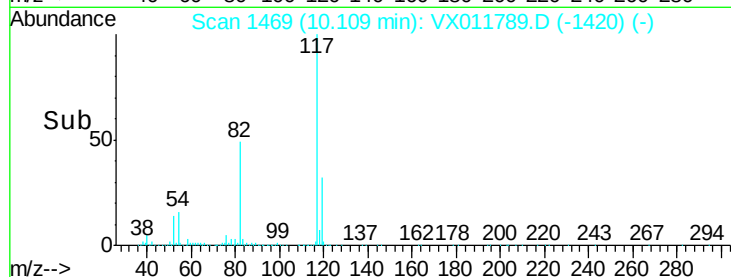
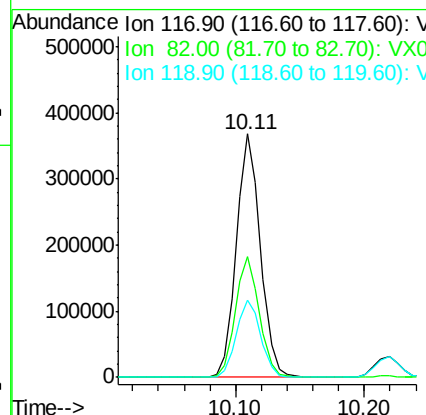
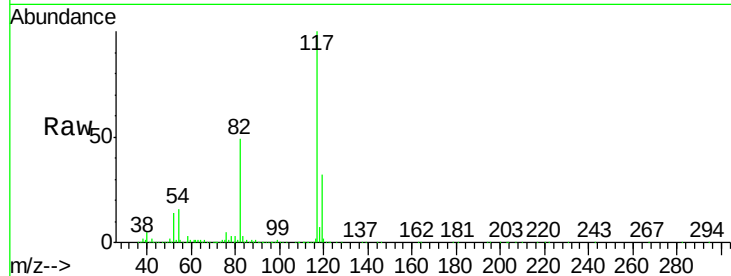
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	480797		
82	49.4		41.7	62.5
119	31.9		26.2	39.2

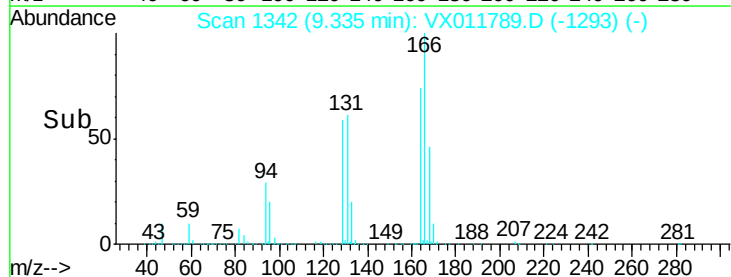
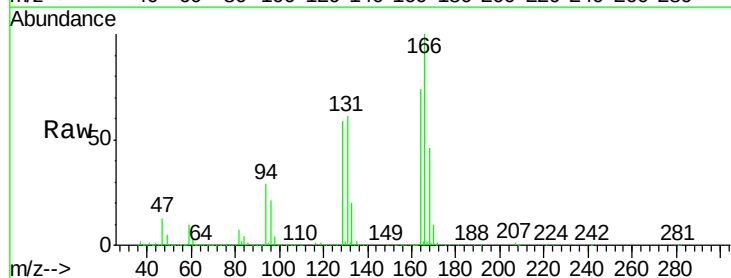
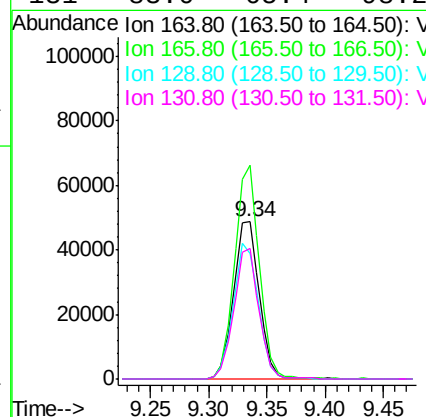
Manual Integrations
APPROVED

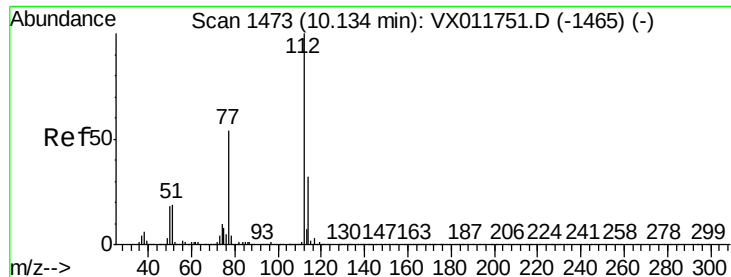
MMDadoda
8/26/2019 11:40:43 AM



#64
Tetrachloroethene
Concen: 19.688 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75517		
166	135.9		100.7	151.1
129	79.8		66.8	100.2
131	83.0		65.4	98.2





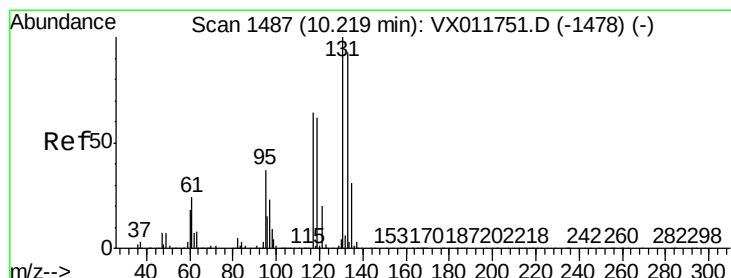
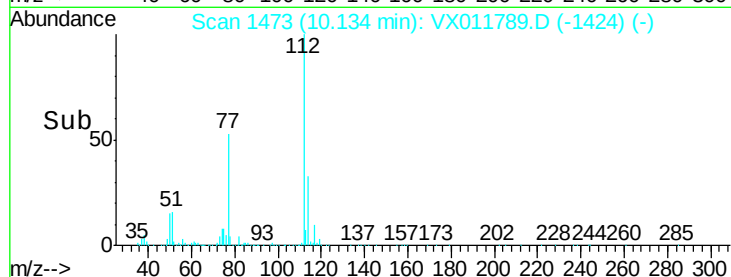
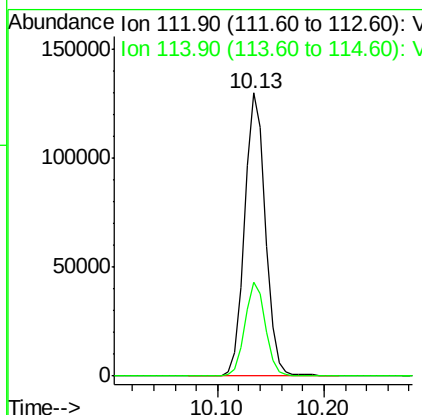
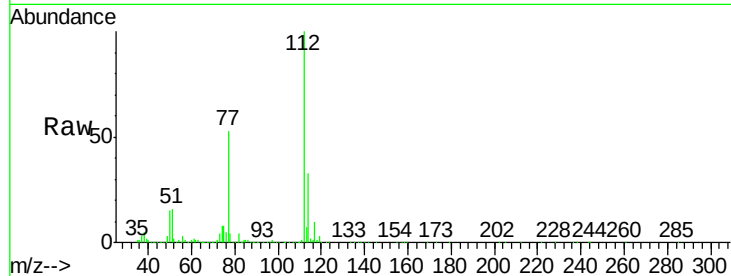
#65
Chlorobenzene
Concen: 18.996 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampled :
VX0823MBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	178308		
114	32.9	25.4	38.0	

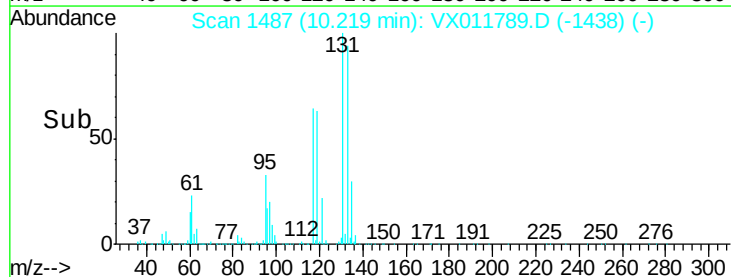
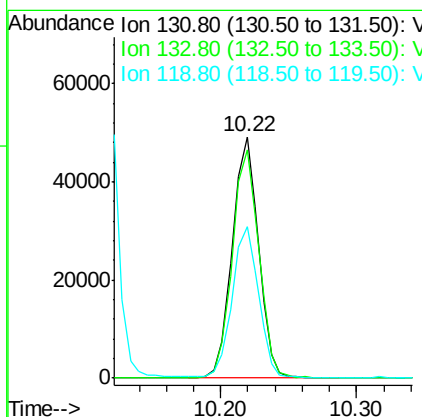
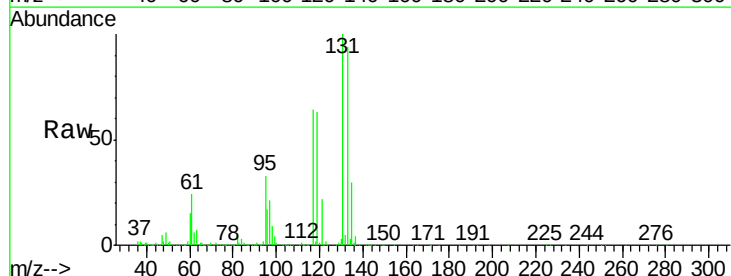
Manual Integrations
APPROVED

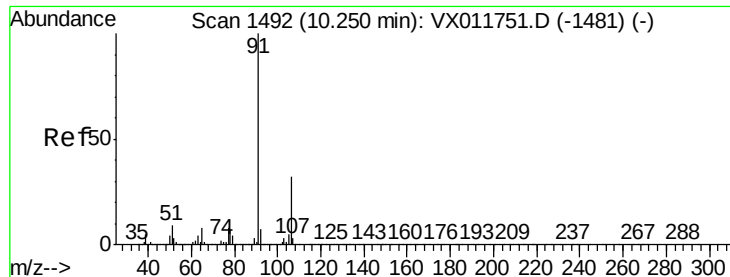
MMDadoda
8/26/2019 11:40:43 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.833 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	66236		
133	95.8	47.8	143.4	
119	63.3	31.3	93.8	





#67

Ethyl Benzene

Concen: 18.615 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

Tot Ion: 91 Resp: 292010

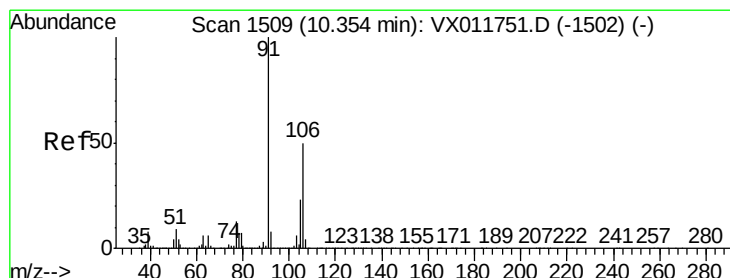
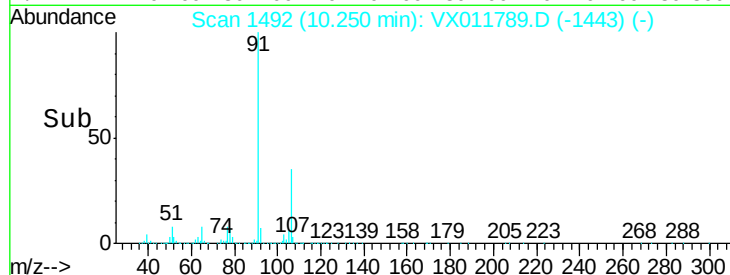
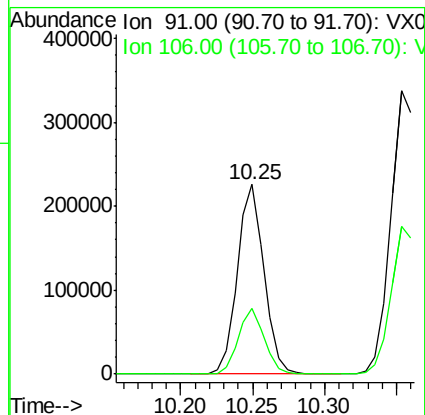
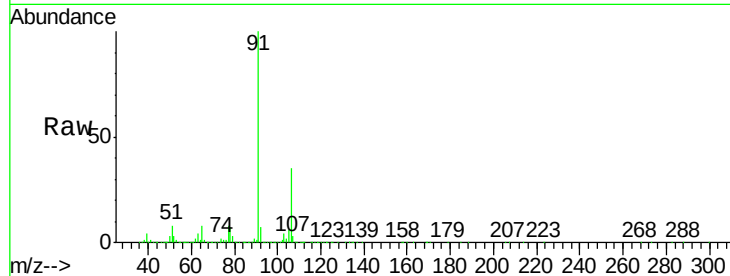
Ion Ratio Lower Upper

91 100

106 34.7 25.5 38.3

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 38.731 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VX011789.D

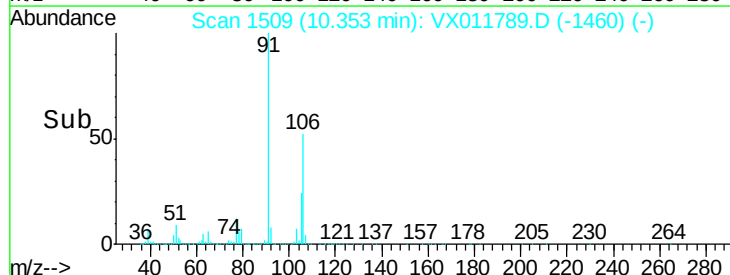
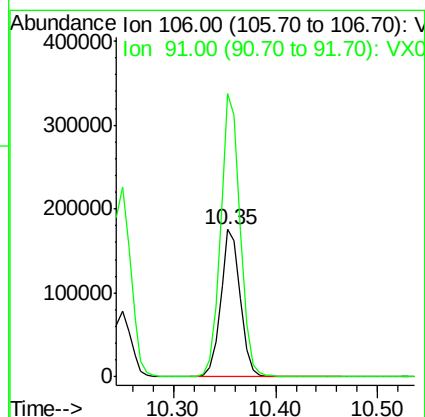
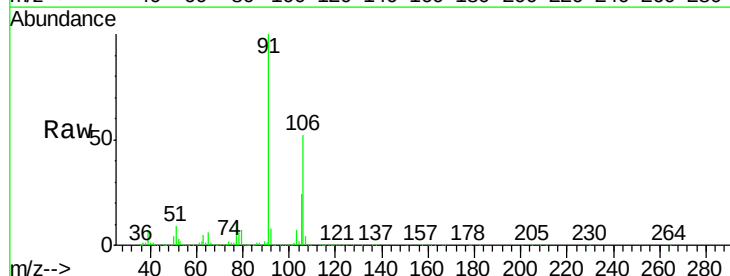
Acq: 23 Aug 2019 11:45

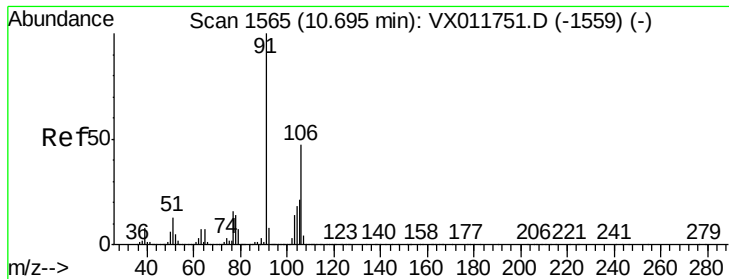
Tgt Ion: 106 Resp: 234259

Ion Ratio Lower Upper

106 100

91 192.6 158.3 237.5





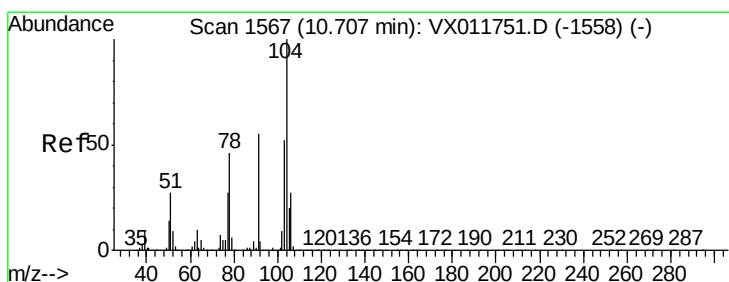
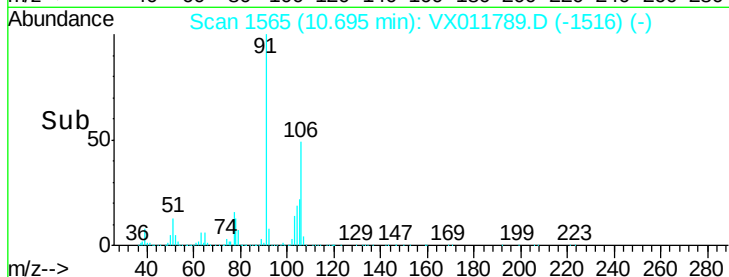
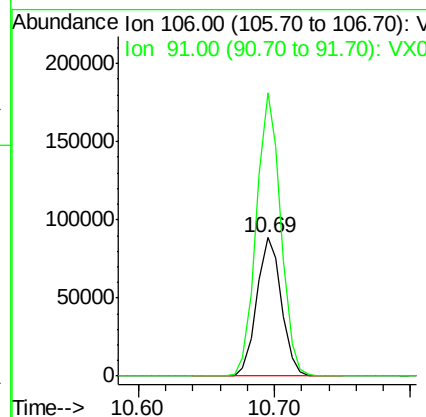
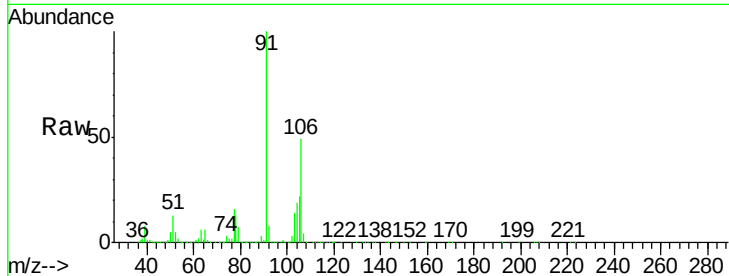
#69
o-Xylene
Concen: 19.045 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.0	105.0	314.9

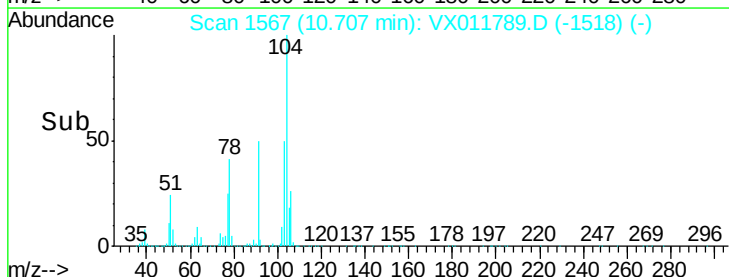
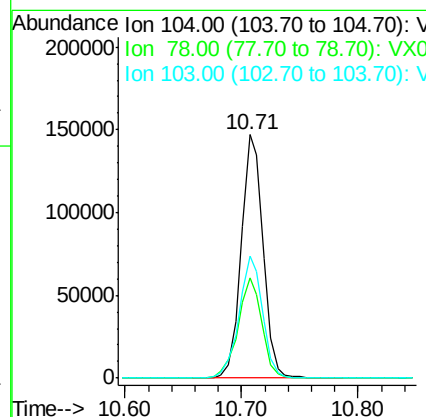
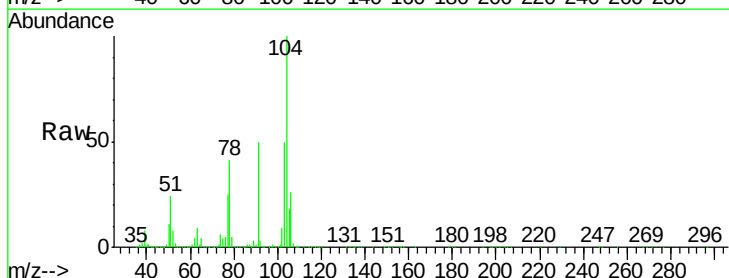
Manual Integrations
APPROVED

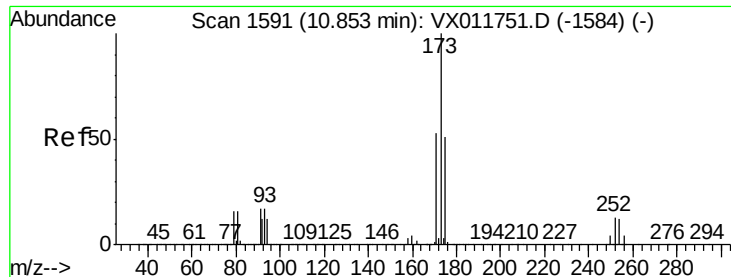
MMDadoda
8/26/2019 11:40:43 AM



#70
Styrene
Concen: 19.373 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.6	39.2	58.8
103	54.3	44.5	66.7





#71

Bromoform

Concen: 18.167 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

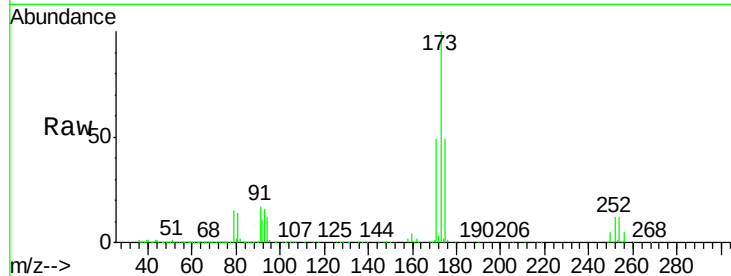
ClientSampleId :

VX0823MBS01

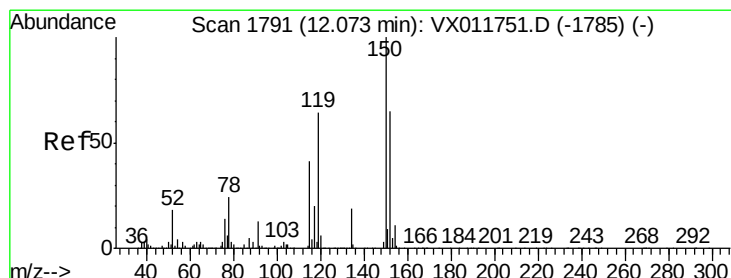
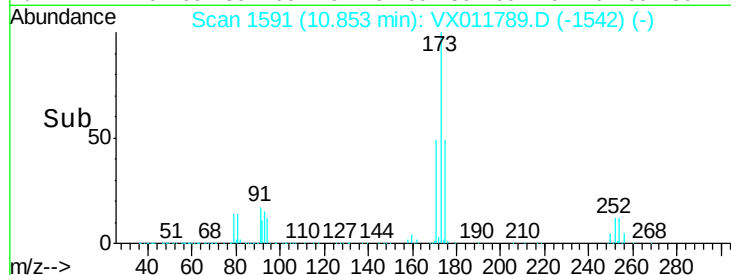
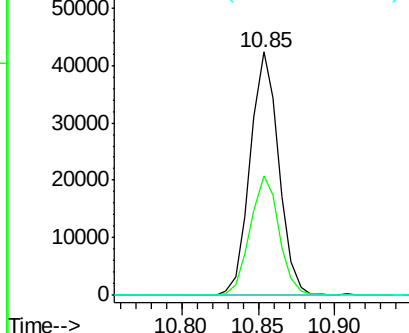
Tot Ion:	173	Resp:	55117
Ion Ratio	Lower	Upper	
173	100		
175	49.7	25.1	75.3
254	0.3	0.2	0.4

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

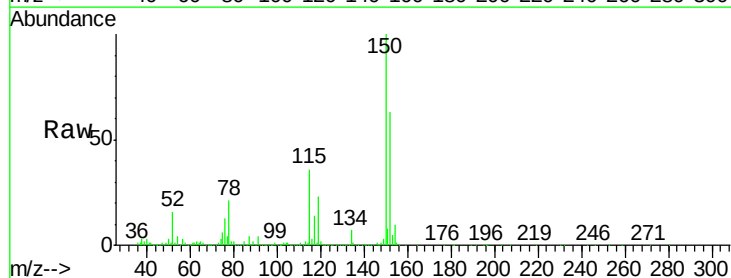
RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

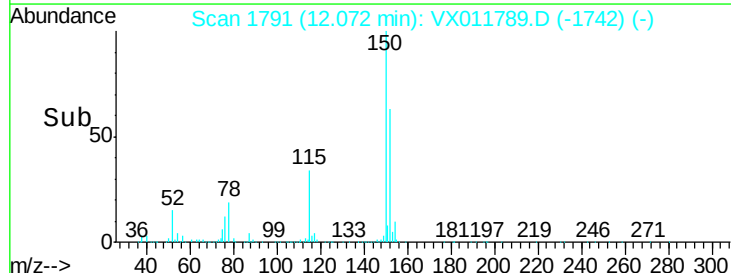
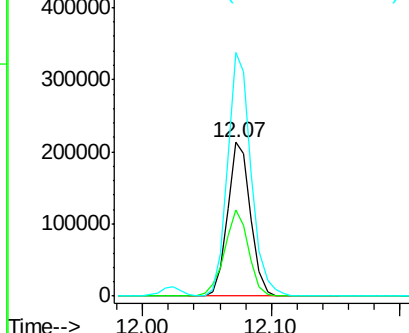
Lab File: VX011789.D

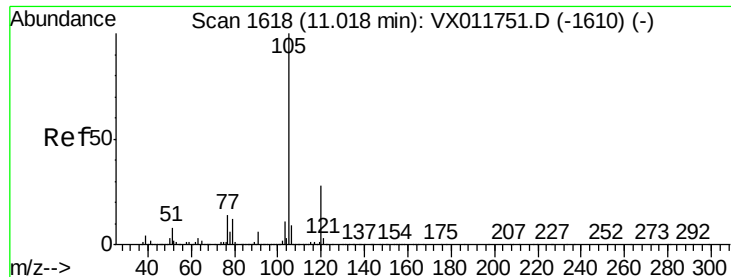
Acq: 23 Aug 2019 11:45

Tgt Ion:	152	Resp:	265439
Ion Ratio	Lower	Upper	
152	100		
115	59.1	37.3	111.8
150	162.6	0.0	343.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.007 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

Tot Ion:105 Resp: 304038

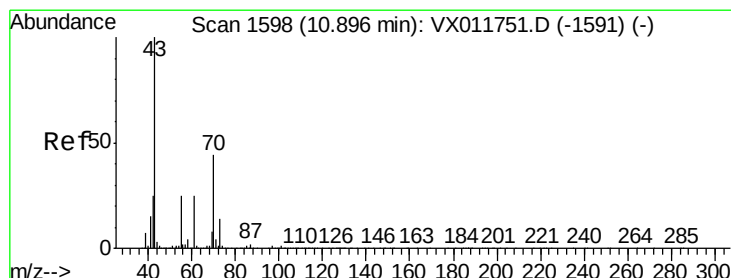
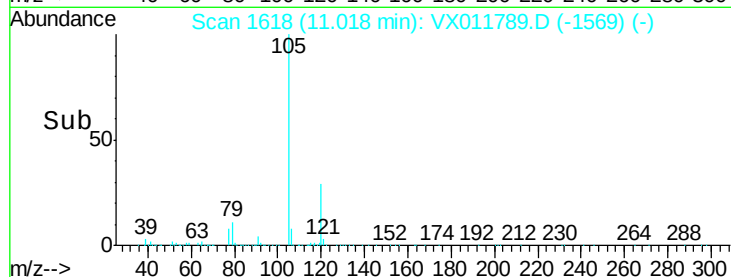
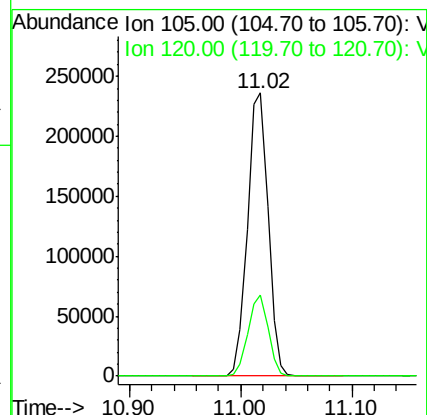
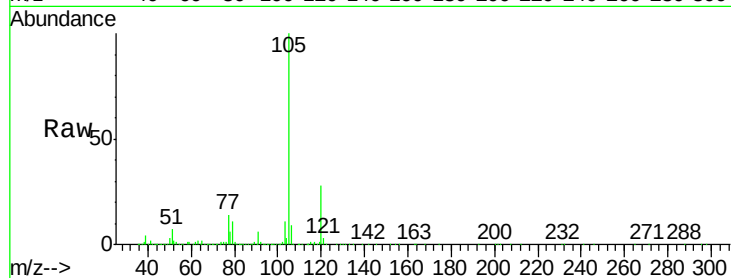
Ion Ratio Lower Upper

105 100

120 28.1 13.9 41.7

Manual Integrations
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8/26/2019 11:40:43 AM



#74

N-ethyl acetate

Concen: 17.836 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion: 43 Resp: 110458

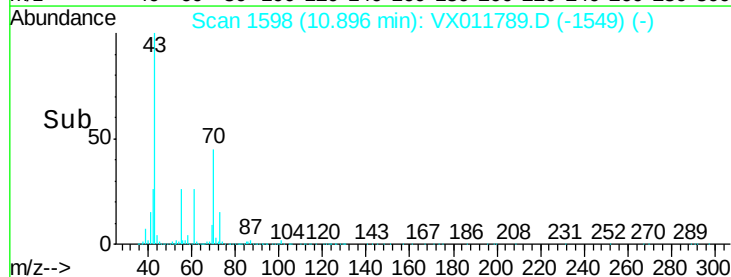
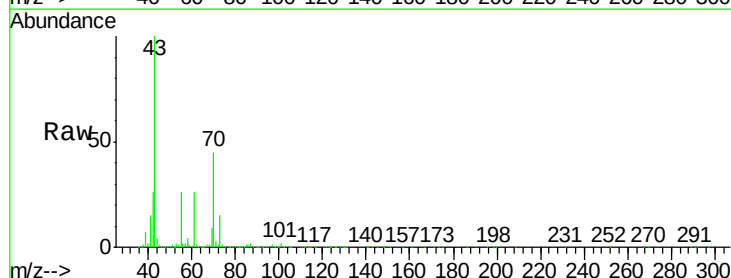
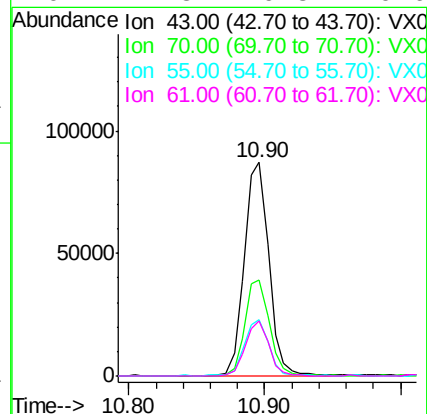
Ion Ratio Lower Upper

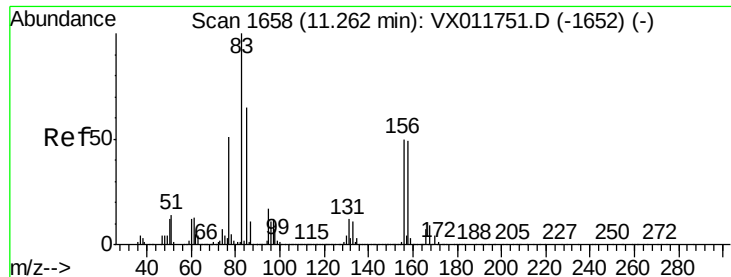
43 100

70 44.8 34.8 52.2

55 25.8 19.5 29.3

61 24.3 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.492 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

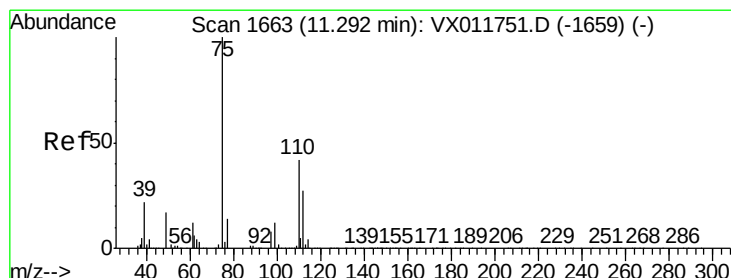
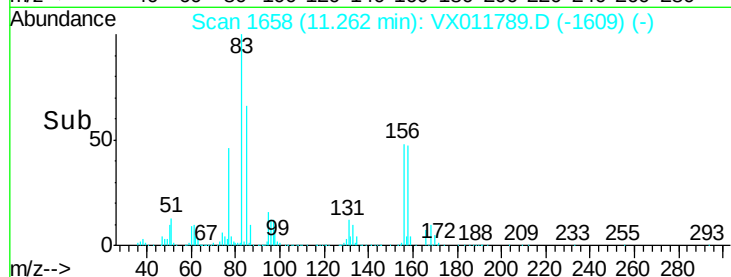
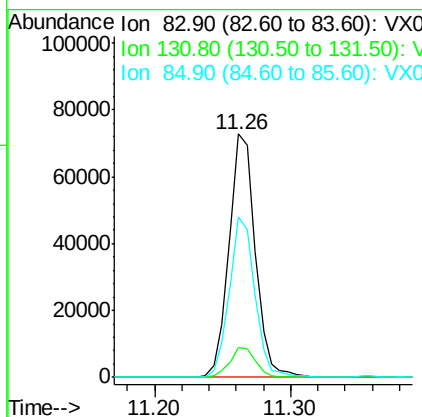
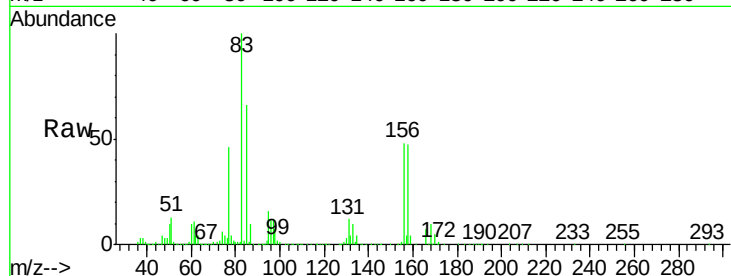
ClientSampleId :

VX0823MBS01

Tot Ion:	83	Resp:	97910
Ion Ratio	Lower	Upper	
83	100		
131	12.3	6.1	18.3
85	64.6	32.4	97.0

Manual Integrations
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8/26/2019 11:40:43 AM



#76

1,2,3-Trichloropropane

Concen: 18.049 ug/l m

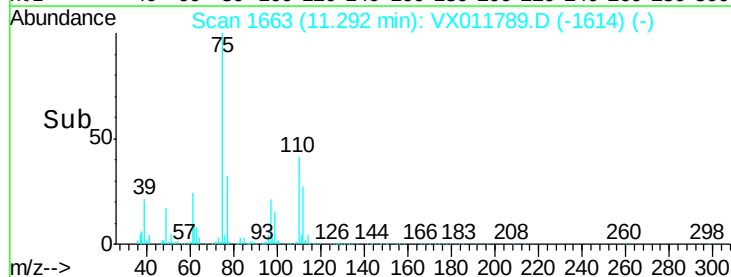
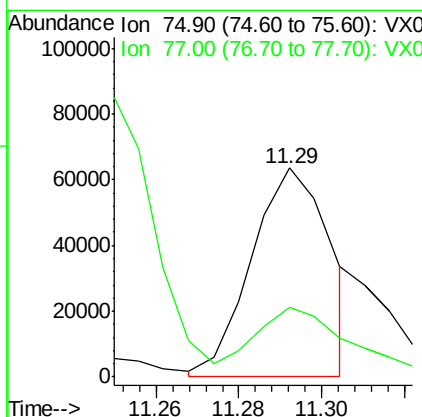
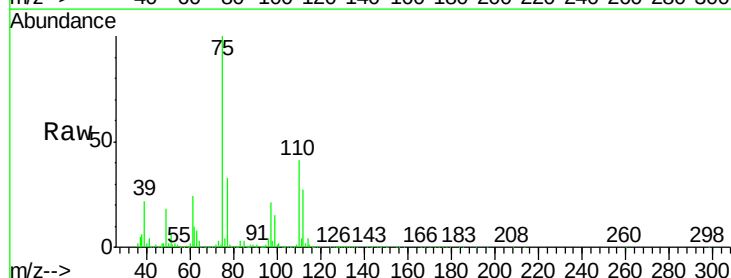
RT: 11.29 min Scan# 1663

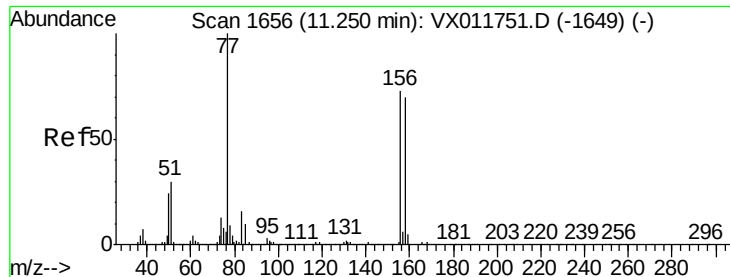
Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion:	75	Resp:	84064
Ion Ratio	Lower	Upper	
75	100		
77	40.6	21.1	63.3





#77

Bromobenzene

Concen: 19.351 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

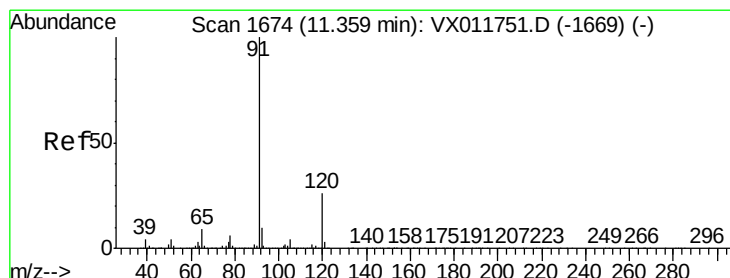
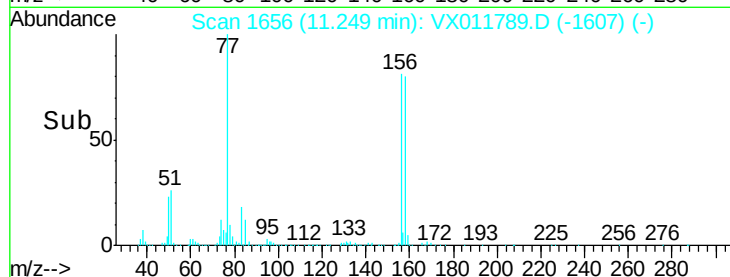
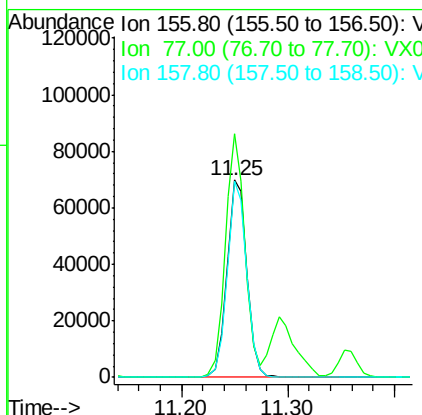
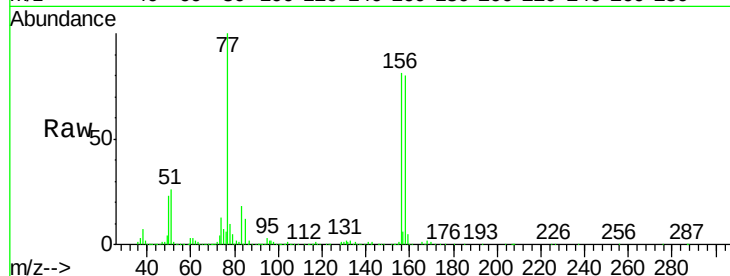
ClientSampleId :

VX0823MBS01

Tot Ion:	156	Resp:	91257
Ion Ratio	Lower	Upper	
156	100		
77	120.9	65.3	196.0
158	97.0	48.4	145.0

Manual Integrations
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8/26/2019 11:40:43 AM



#78

n-propylbenzene

Concen: 18.967 ug/l

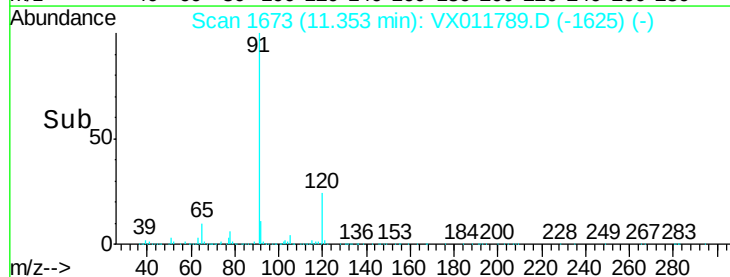
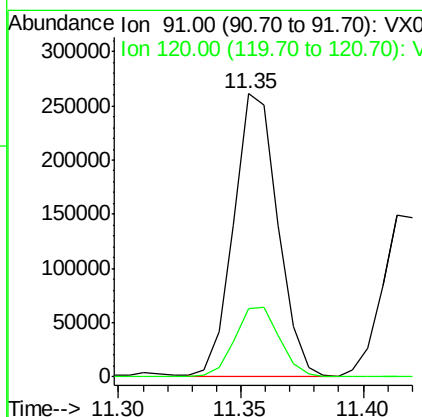
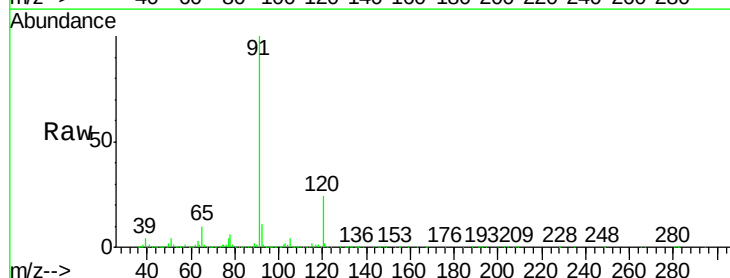
RT: 11.35 min Scan# 1673

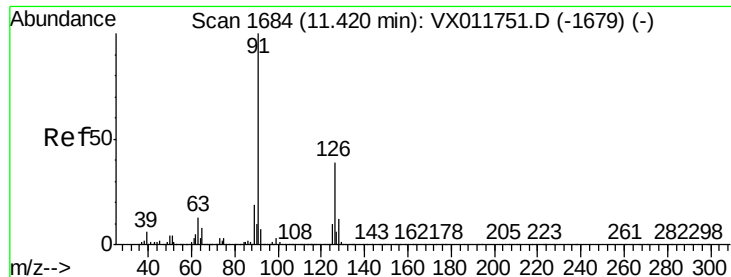
Delta R.T. -0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion:	91	Resp:	324427
Ion Ratio	Lower	Upper	
91	100		
120	25.4	12.7	38.1





#79

2-Chlorotoluene

Concen: 18.276 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

Tot Ion: 91 Resp: 194482

Ion Ratio Lower Upper

91 100

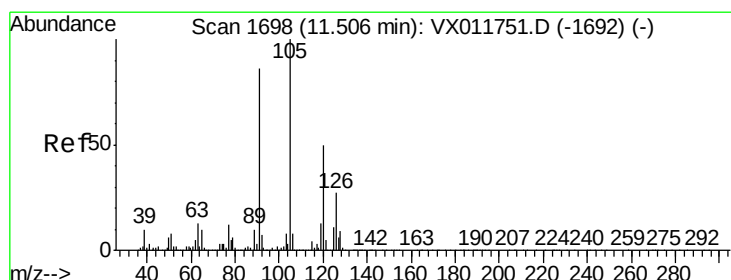
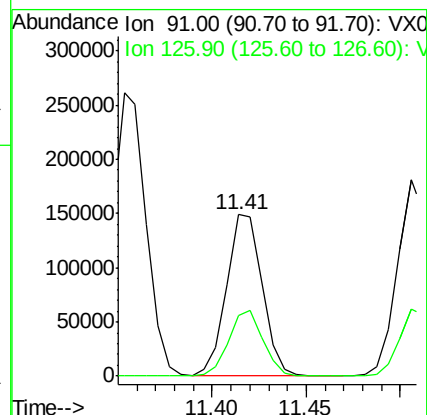
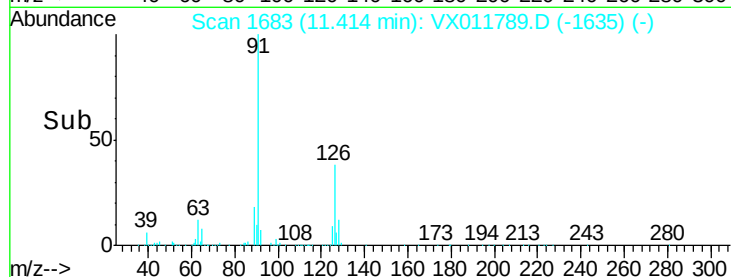
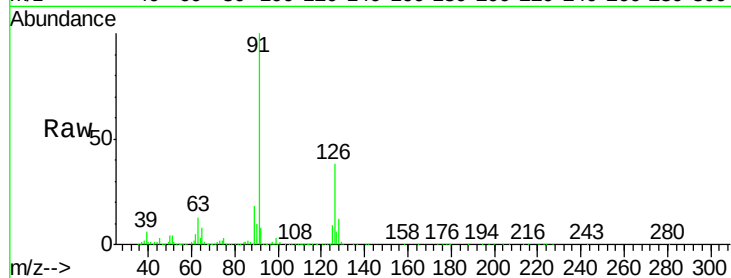
126 39.7 18.6 55.6

Manual Integrations

APPROVED

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#80

1,3,5-Trimethylbenzene

Concen: 19.042 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011789.D

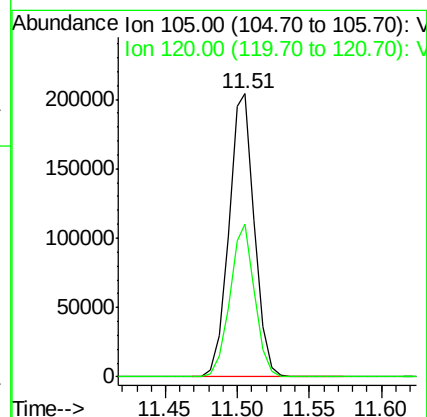
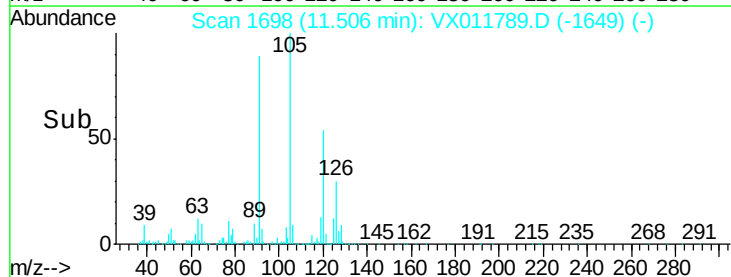
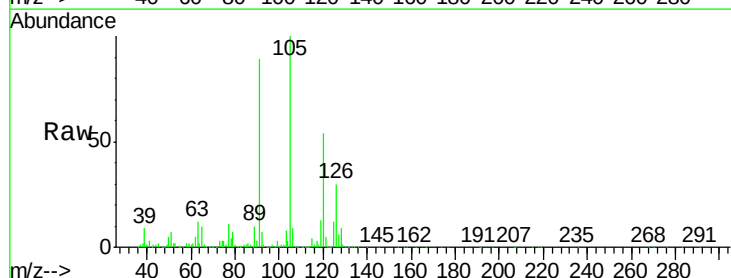
Acq: 23 Aug 2019 11:45

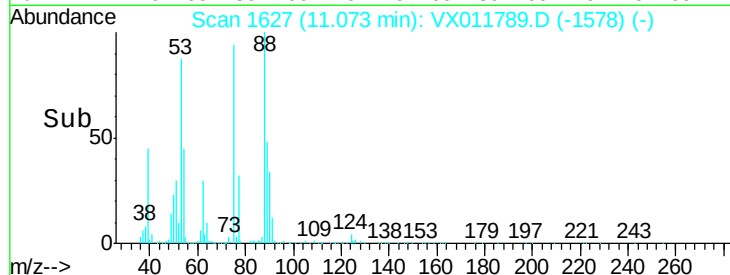
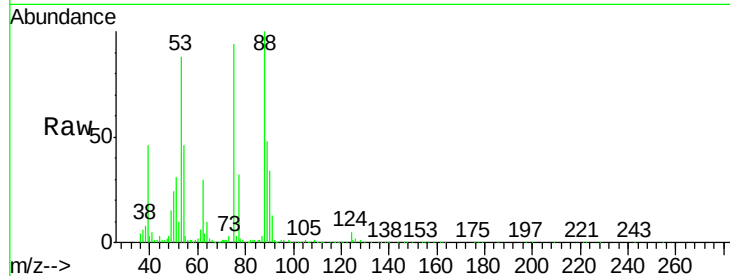
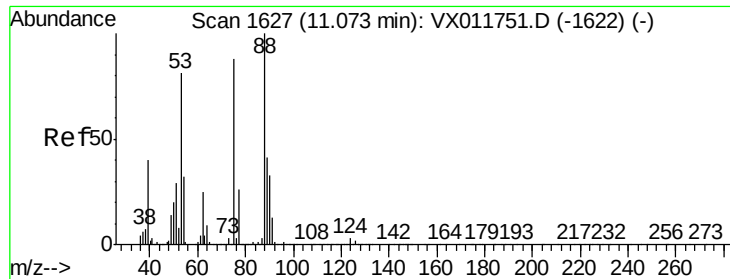
Tgt Ion: 105 Resp: 254143

Ion Ratio Lower Upper

105 100

120 52.1 24.8 74.4





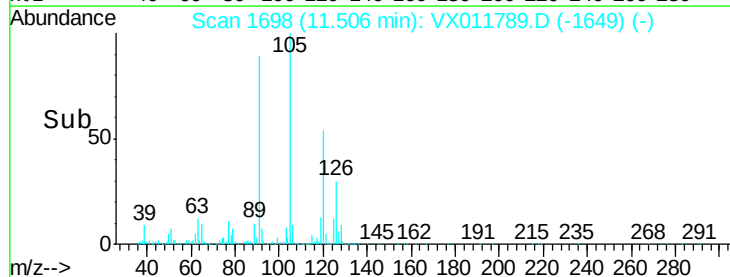
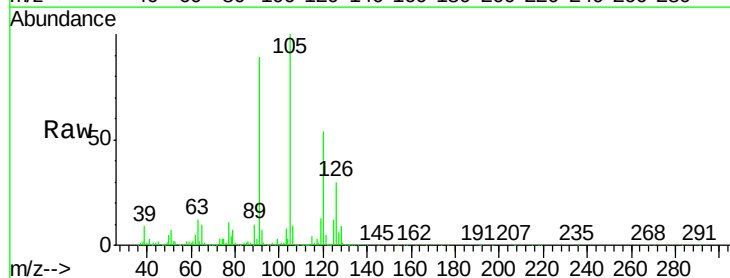
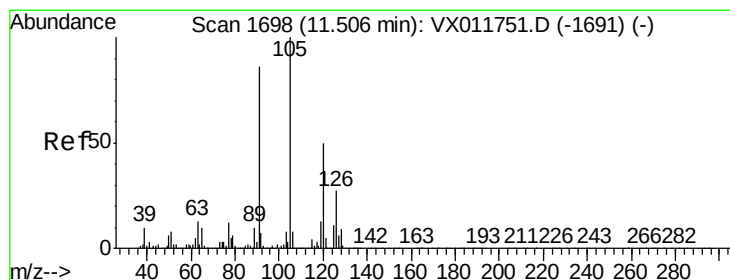
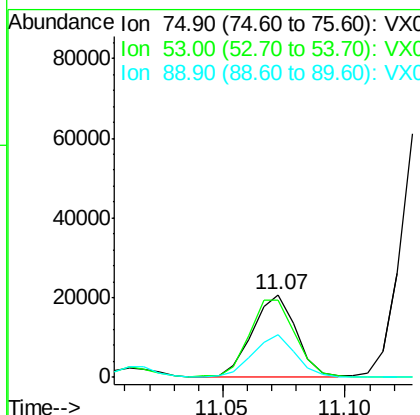
#81
trans-1,4-Dichloro-2-butene
Concen: 16.759 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.4	77.1	115.7
89	51.8	38.5	57.7

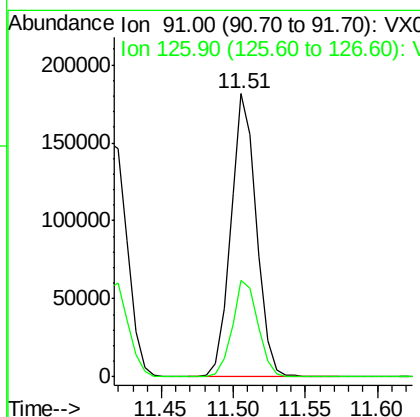
Manual Integrations
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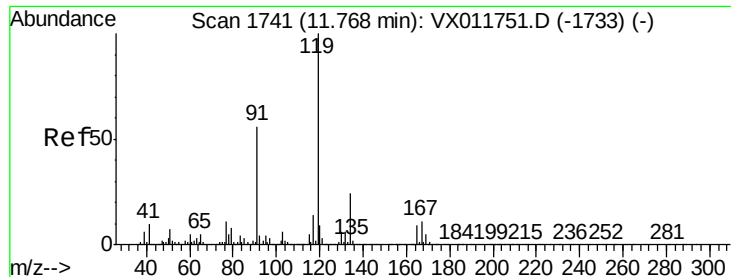
MMDadoda
8/26/2019 11:40:43 AM



#82
4-Chlorotoluene
Concen: 18.286 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011789.D
Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.2	48.6





#83

tert-Butylbenzene

Concen: 19.453 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

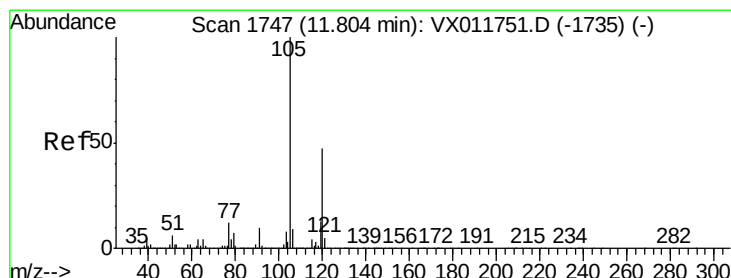
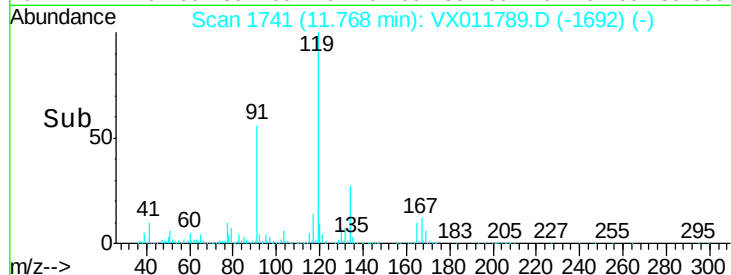
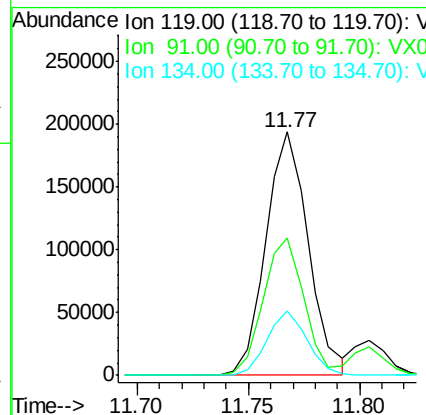
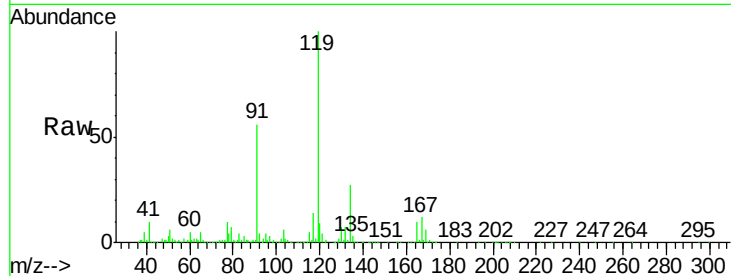
ClientSampleId :

VX0823MBS01

Tot Ion:	119	Resp:	256158
Ion Ratio	Lower	Upper	
119	100		
91	53.8	27.7	83.1
134	25.0	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.502 ug/l

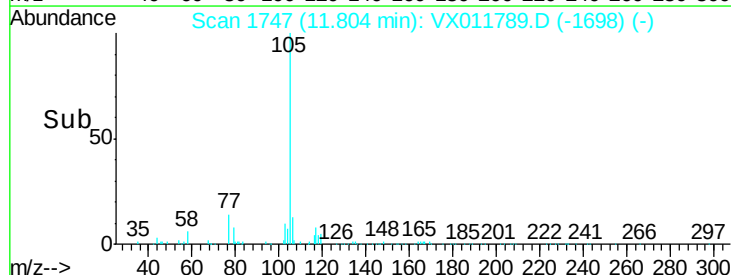
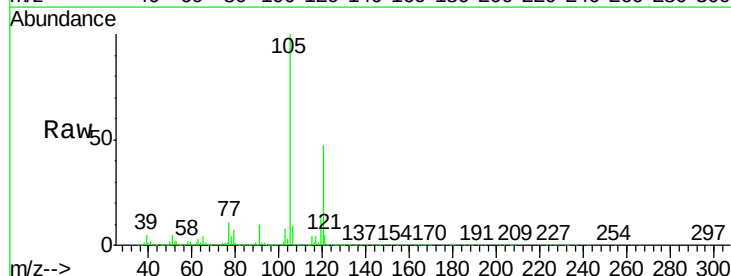
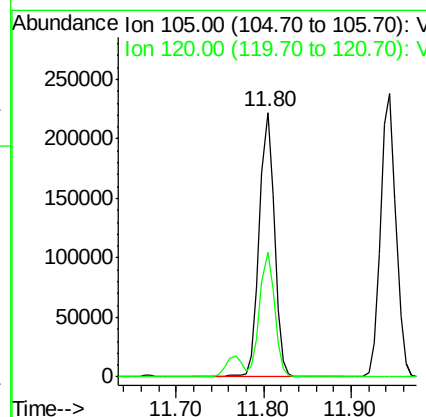
RT: 11.80 min Scan# 1747

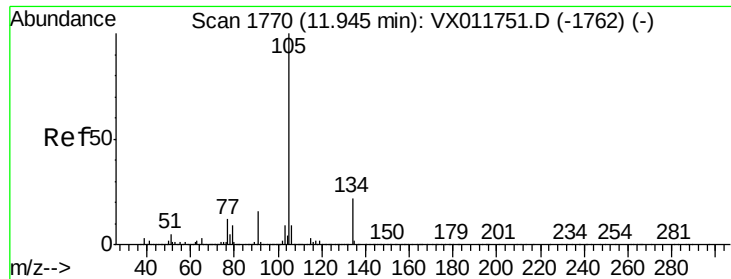
Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion:	105	Resp:	262849
Ion Ratio	Lower	Upper	
105	100		
120	46.8	23.7	71.1





#85

sec-Butylbenzene

Concen: 19.417 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBS01

Tot Ion:105 Resp: 292479

Ion Ratio Lower Upper

105 100

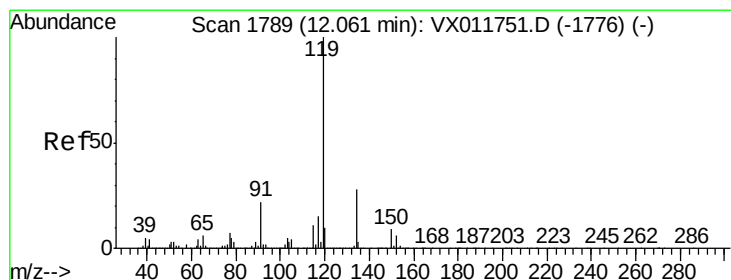
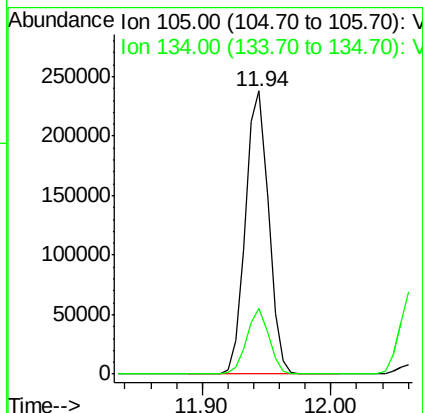
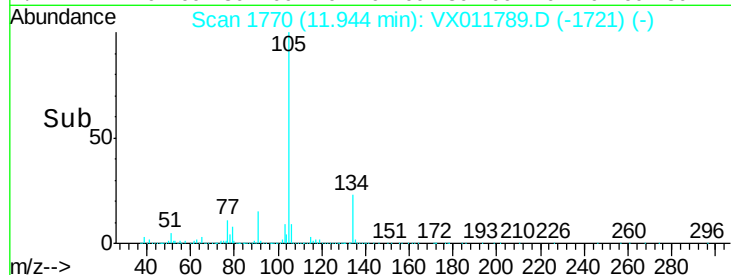
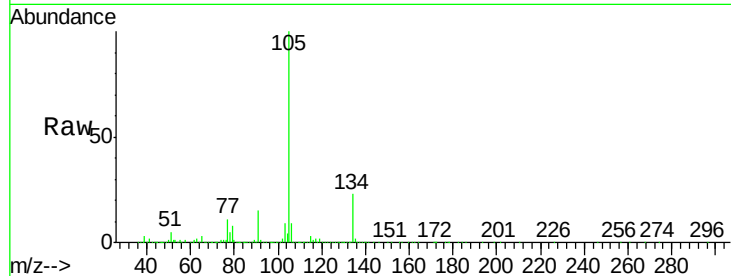
134 22.2 10.8 32.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.445 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

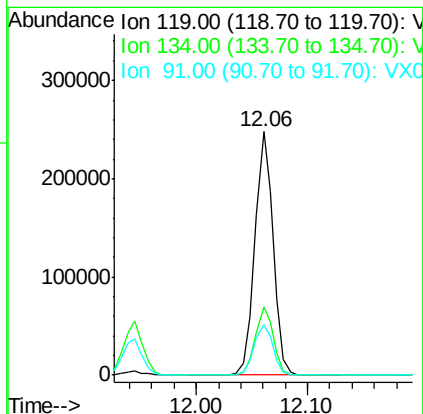
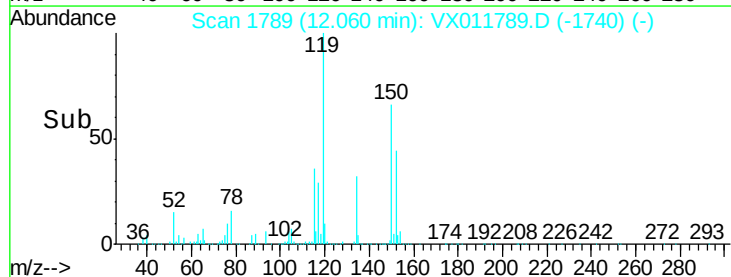
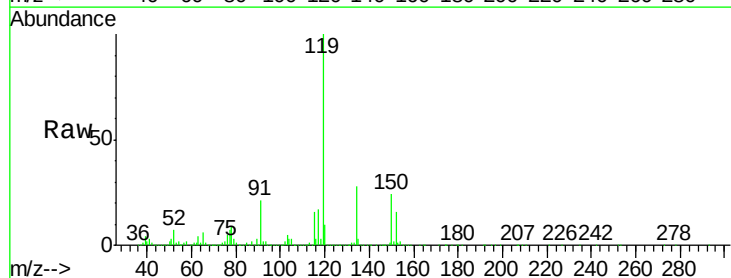
Tgt Ion:119 Resp: 281812

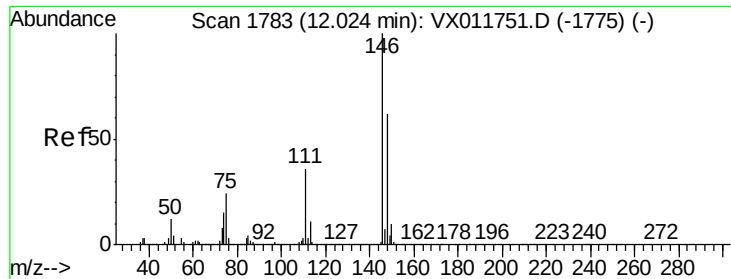
Ion Ratio Lower Upper

119 100

134 28.0 13.7 41.0

91 21.6 11.1 33.3





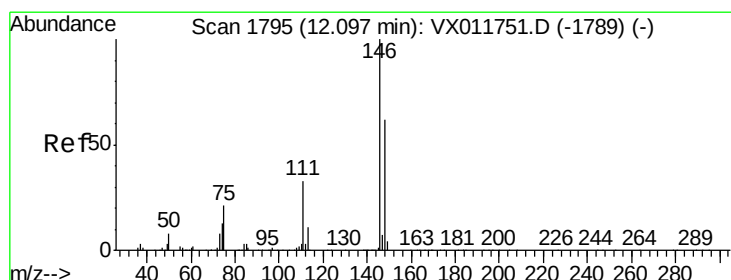
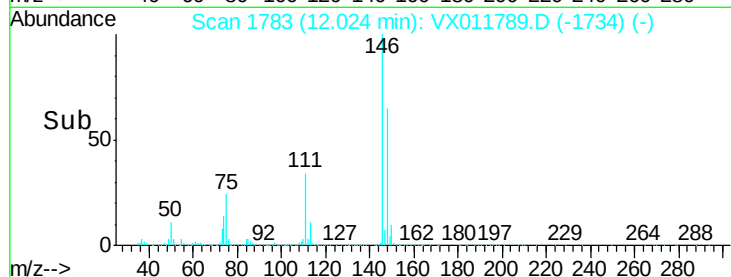
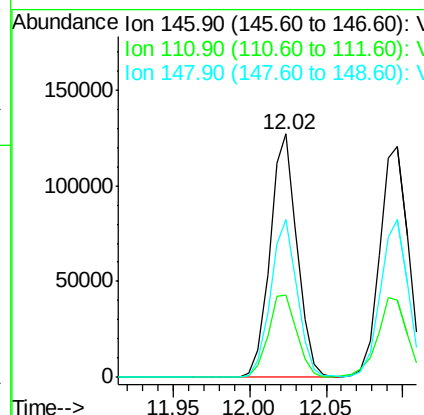
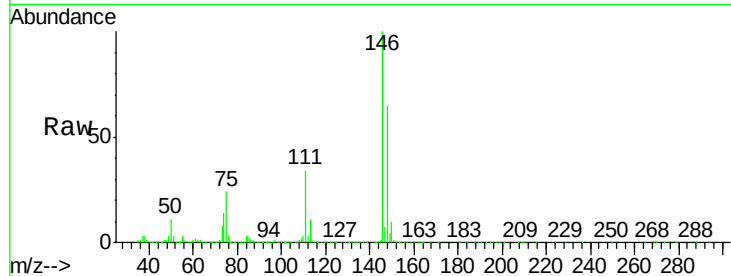
#87
 1,3-Dichlorobenzene
 Concen: 19.271 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.1	18.1	54.4
148	64.1	31.6	94.7

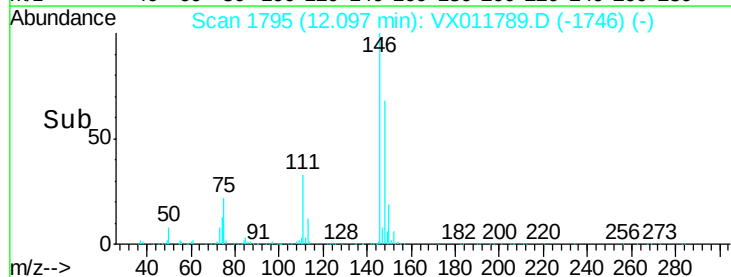
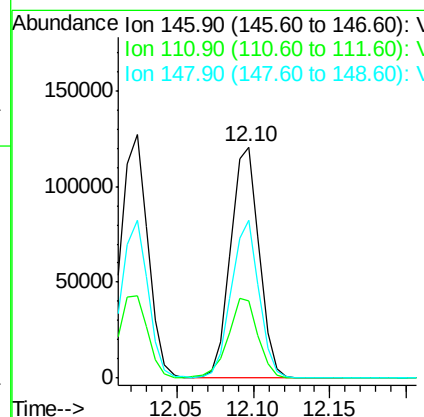
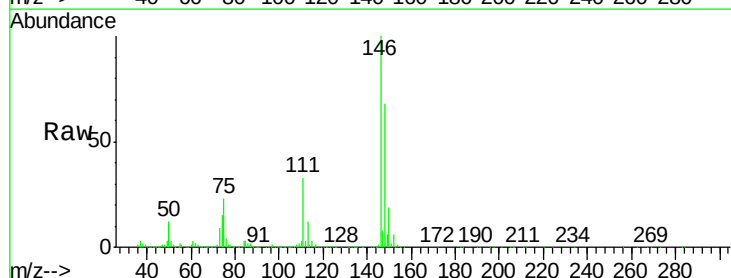
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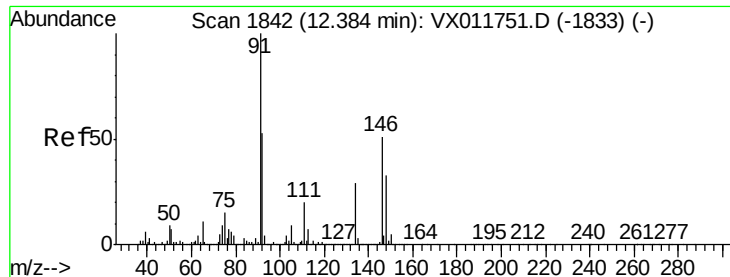
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#88
 1,4-Dichlorobenzene
 Concen: 18.938 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	17.8	53.4
148	66.5	31.9	95.7





#89

n-Butylbenzene

Concen: 18.201 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

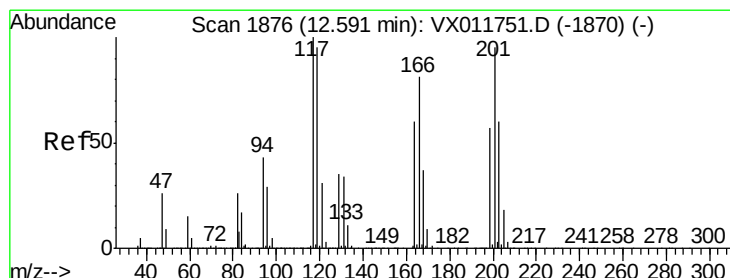
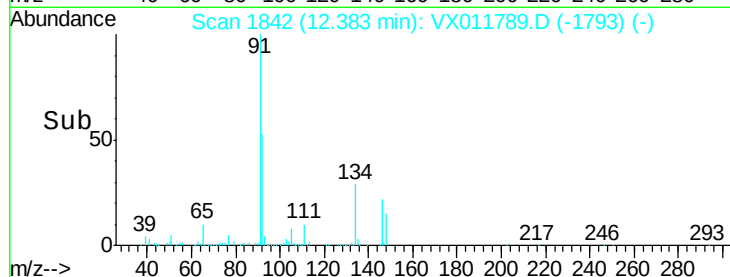
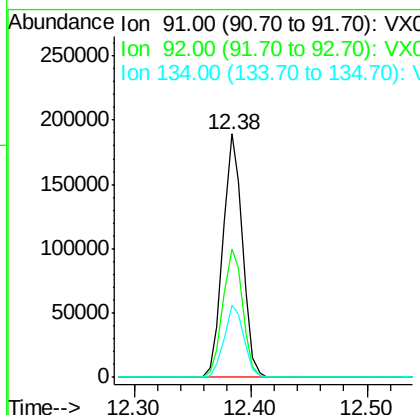
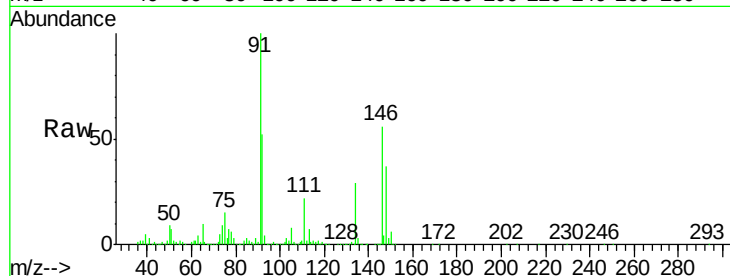
ClientSampleId :

VX0823MBS01

Tot Ion:	91	Resp:	218368
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.7	80.0
134	30.2	14.6	43.8

Manual Integrations
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#90

Hexachloroethane

Concen: 18.251 ug/l

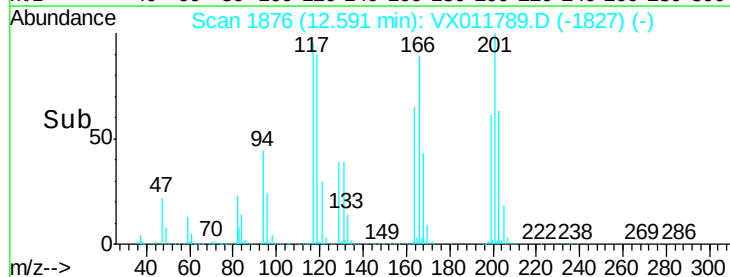
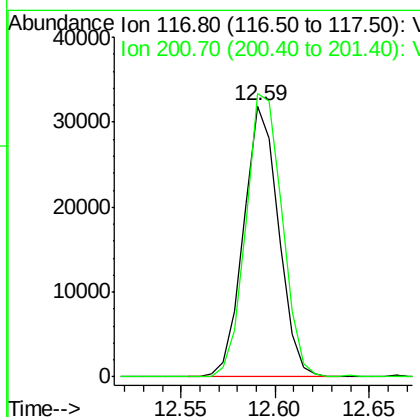
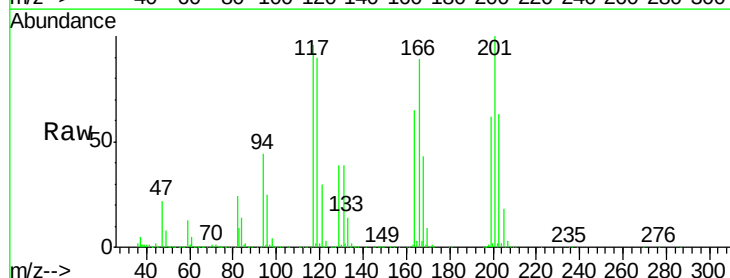
RT: 12.59 min Scan# 1876

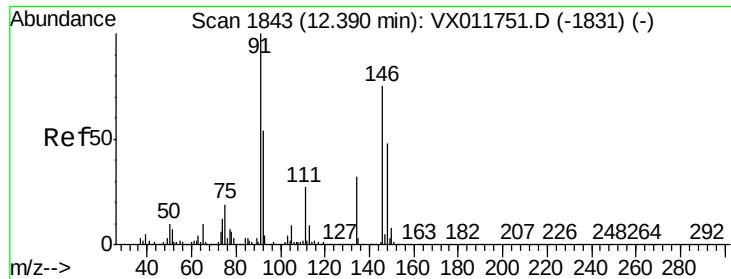
Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion:	117	Resp:	41094
Ion	Ratio	Lower	Upper
117	100		
201	108.5	49.6	149.0





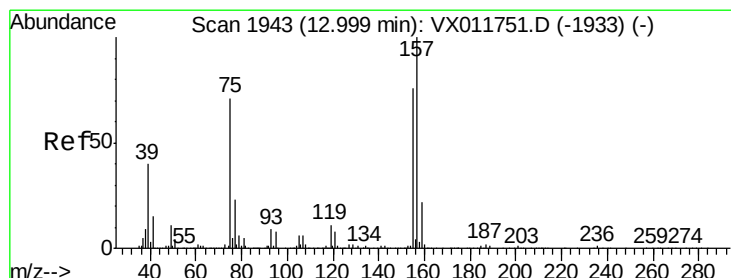
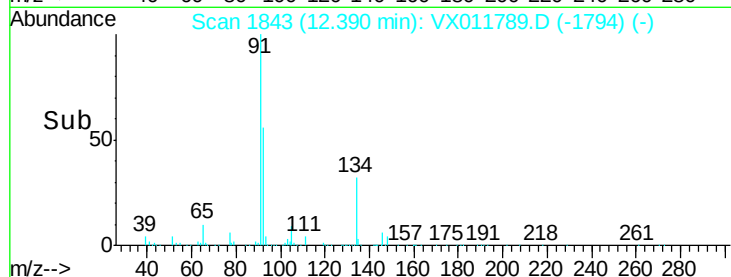
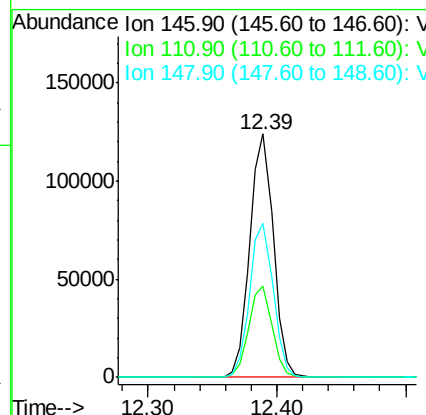
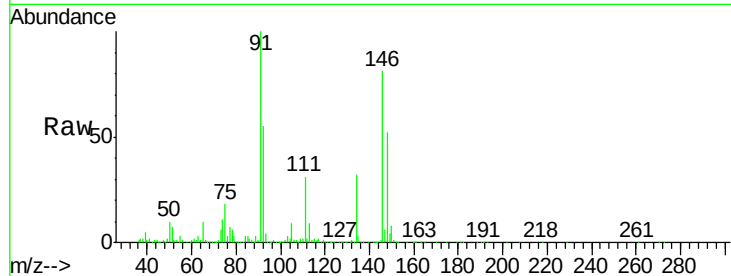
#91
 1,2-Dichlorobenzene
 Concen: 19.047 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	156012		
111	37.3	18.8	56.4	
148	63.3	31.6	95.0	

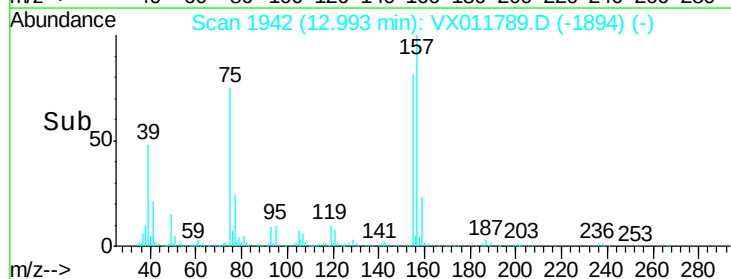
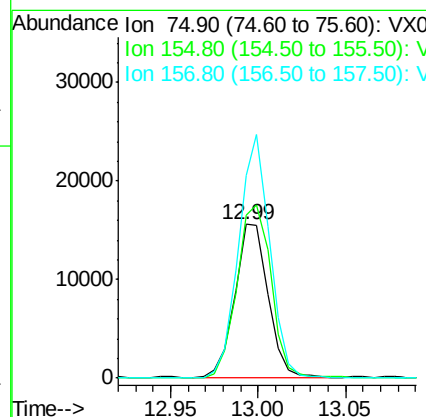
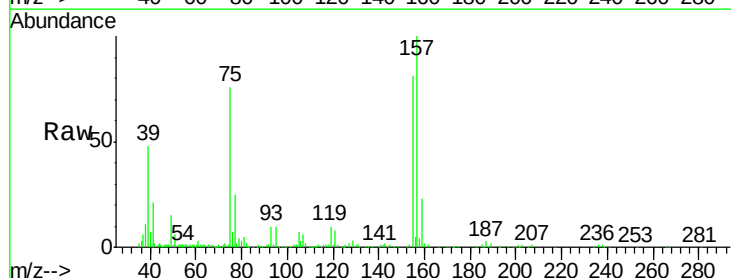
Manual Integrations
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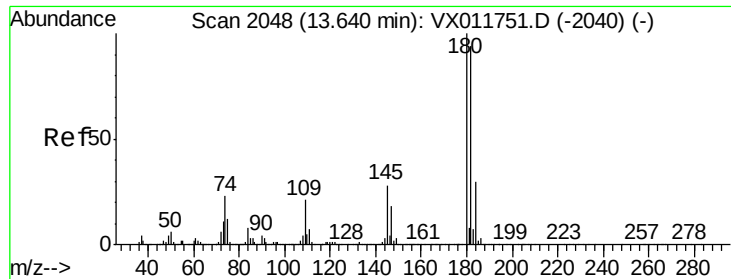
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.944 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20854		
155	115.0	52.6	157.9	
157	146.8	68.3	204.9	





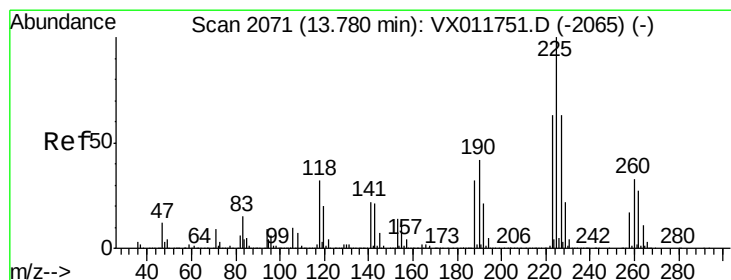
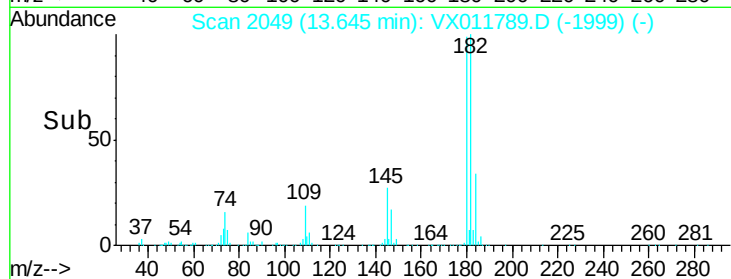
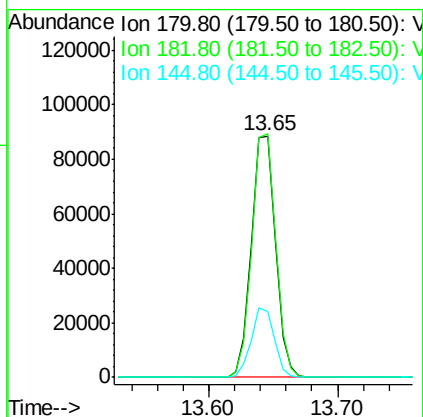
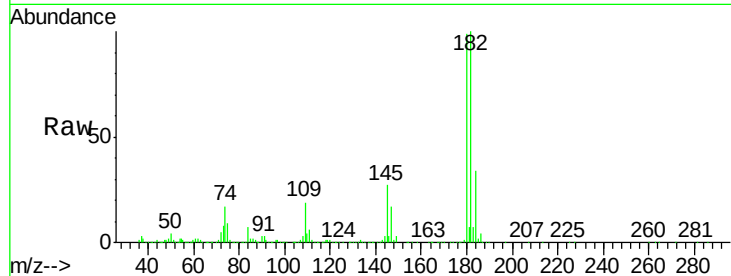
#93
 1,2,4-Trichlorobenzene
 Concen: 18.876 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.7	47.8	143.4	
145	27.6	14.1	42.3	

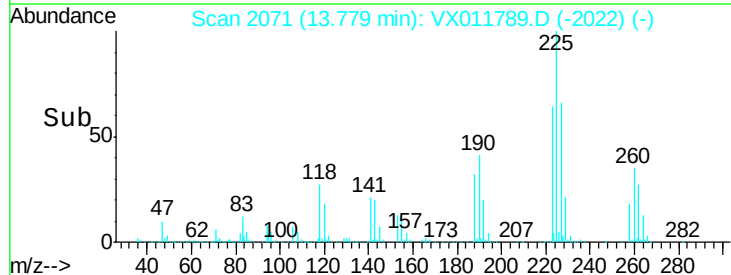
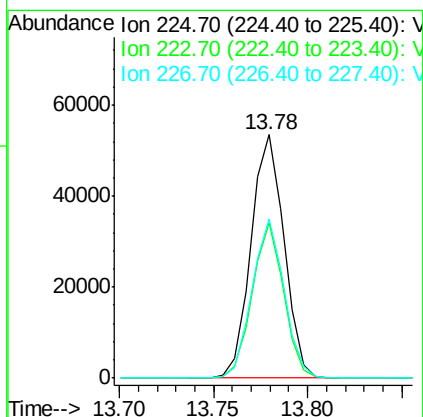
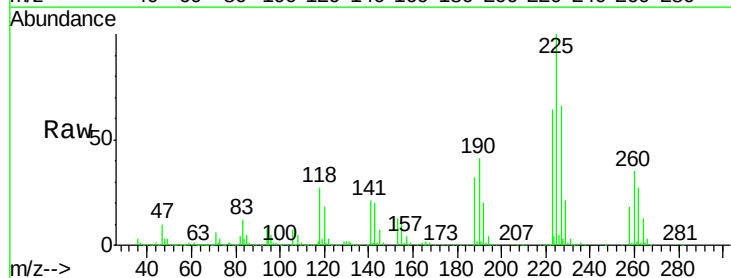
Manual Integrations
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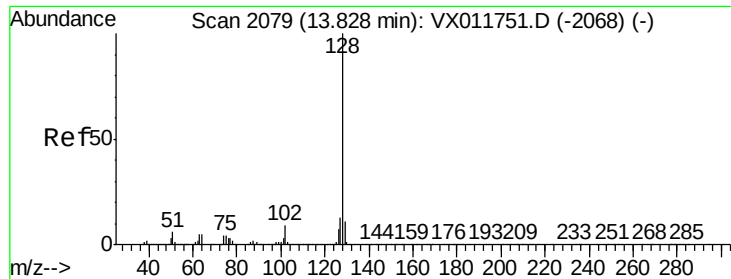
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#94
 Hexachlorobutadiene
 Concen: 19.627 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011789.D
 Acq: 23 Aug 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.7	31.0	93.0	
227	63.9	31.8	95.3	





#95

Naphthalene

Concen: 19.274 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Instrument :

MSVOA_X

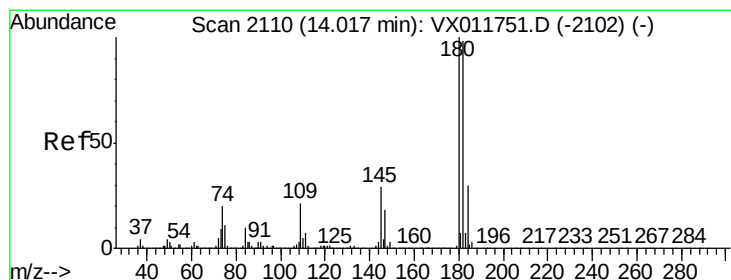
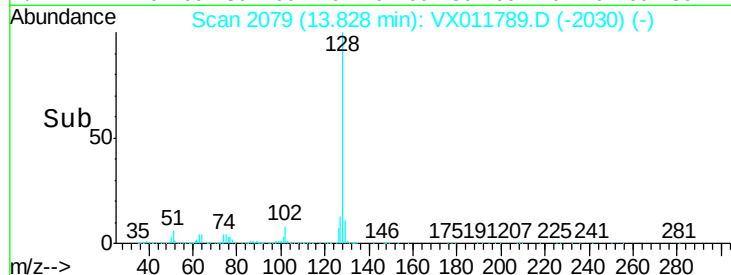
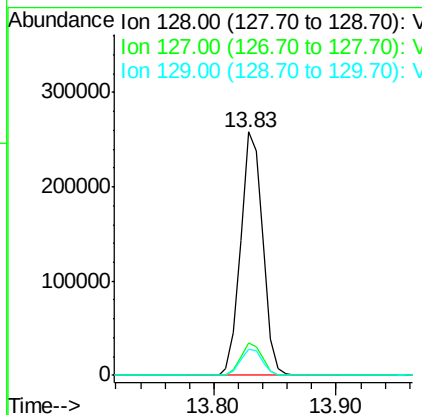
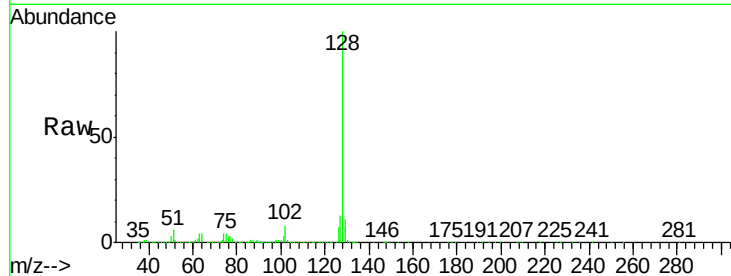
ClientSampleId :

VX0823MBS01

Tot Ion:	128	Resp:	319828
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:40:43 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.580 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011789.D

Acq: 23 Aug 2019 11:45

Tgt Ion:	180	Resp:	118450
Ion Ratio		Lower	Upper
180	100		
182	96.4	48.5	145.5
145	28.7	14.6	43.8

