

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008627.D
 Acq On : 04 Apr 2019 11:51
 Operator : JC/SP
 Sample : VX0404WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 11:11:46 AM

Quant Time: Apr 05 07:26:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	185956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	139910	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	5.49	113	102581	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	8.71	98	414025	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.13	95	148301	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	38810	18.131	ug/l 99
3) Chloromethane	1.32	50	54271	19.663	ug/l 100
4) Vinyl Chloride	1.40	62	51580	17.826	ug/l 97
5) Bromomethane	1.64	94	26625	19.860	ug/l 97
6) Chloroethane	1.72	64	34772	20.199	ug/l 98
7) Trichlorofluoromethane	1.93	101	58509	18.292	ug/l 99
8) Diethyl Ether	2.18	74	27579	18.182	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38228	18.563	ug/l 99
10) Methyl Iodide	2.51	142	31060	19.238	ug/l 99
11) Tert butyl alcohol	3.04	59	58692	92.432	ug/l 100
12) 1,1-Dichloroethene	2.37	96	38628	17.968	ug/l 98
13) Acrolein	2.29	56	24222	76.931	ug/l 100
14) Allyl chloride	2.73	41	88668	18.017	ug/l 99
15) Acrylonitrile	3.14	53	150538	89.491	ug/l 99
16) Acetone	2.44	43	141947	90.864	ug/l 100
17) Carbon Disulfide	2.57	76	114639	17.993	ug/l 100
18) Methyl Acetate	2.77	43	65416	17.266	ug/l 100
19) Methyl tert-butyl Ether	3.19	73	143676	18.714	ug/l 100
20) Methylene Chloride	2.85	84	46762	17.883	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	41275	17.750	ug/l 99
22) Diisopropyl ether	3.85	45	178284	18.795	ug/l 96
23) Vinyl Acetate	3.81	43	781958	94.761	ug/l 100
24) 1,1-Dichloroethane	3.70	63	86556	18.430	ug/l 99
25) 2-Butanone	4.67	43	224340	90.859	ug/l 100
26) 2,2-Dichloropropane	4.58	77	59375	17.950	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	48195	18.027	ug/l 99
28) Bromochloromethane	5.02	49	46245	21.870	ug/l 98
29) Tetrahydrofuran	5.13	42	145199	88.601	ug/l 100
30) Chloroform	5.21	83	78070	18.612	ug/l 99
31) Cyclohexane	5.58	56	85082	18.156	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	62532	18.447	ug/l 99
36) 1,1-Dichloropropene	5.79	75	60479	17.676	ug/l 99
37) Ethyl Acetate	4.83	43	83385	18.258	ug/l 99
38) Carbon Tetrachloride	5.78	117	52011	18.367	ug/l 97

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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	74999	17.744	ug/l	98
40) Benzene	6.14	78	185995	18.247	ug/l	100
41) Methacrylonitrile	5.04	41	45966	17.510	ug/l	98
42) 1,2-Dichloroethane	6.19	62	65570	17.944	ug/l	100
43) Isopropyl Acetate	6.44	43	129624	18.119	ug/l	100
44) Trichloroethene	7.21	130	42371	17.848	ug/l	97
45) 1,2-Dichloropropane	7.51	63	52845	18.164	ug/l	99
46) Dibromomethane	7.66	93	29895	17.717	ug/l	100
47) Bromodichloromethane	7.90	83	58126	18.270	ug/l	99
48) Methyl methacrylate	7.77	41	65617	18.132	ug/l	100
49) 1,4-Dioxane	7.74	88	25480	375.851	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	426867	92.689	ug/l	100
52) Toluene	8.78	92	111776	18.600	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	64703	18.155	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	73364	18.016	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	44811	18.577	ug/l	99
56) Ethyl methacrylate	9.18	69	81078	18.577	ug/l	100
57) 1,3-Dichloropropane	9.37	76	79897	18.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	210740	94.564	ug/l	99
59) 2-Hexanone	9.49	43	331661	92.667	ug/l	99
60) Dibromochloromethane	9.58	129	41998	18.477	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45324	18.049	ug/l	98
64) Tetrachloroethene	9.34	164	37295	17.985	ug/l	98
65) Chlorobenzene	10.13	112	113089	18.227	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	39185	18.003	ug/l	100
67) Ethyl Benzene	10.25	91	211429	18.275	ug/l	99
68) m/p-Xylenes	10.36	106	150910	36.279	ug/l	99
69) o-Xylene	10.69	106	74337	18.440	ug/l	100
70) Styrene	10.71	104	129513	18.638	ug/l	99
71) Bromoform	10.85	173	29702	17.867	ug/l #	98
73) Isopropylbenzene	11.02	105	196170	18.449	ug/l	99
74) N-amyl acetate	10.90	43	114576	18.315	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74102	18.324	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	64135m	18.196	ug/l	
77) Bromobenzene	11.26	156	46718	18.276	ug/l	99
78) n-propylbenzene	11.36	91	228199	18.432	ug/l	100
79) 2-Chlorotoluene	11.42	91	137853	18.399	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	167099	18.721	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21513	16.825	ug/l	92
82) 4-Chlorotoluene	11.51	91	157943	18.212	ug/l	100
83) tert-Butylbenzene	11.77	119	157657	18.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	167324	18.514	ug/l	99
85) sec-Butylbenzene	11.94	105	189967	18.625	ug/l	100
86) p-Isopropyltoluene	12.06	119	169478	18.512	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	81796	17.874	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	82295	17.759	ug/l	99
89) n-Butylbenzene	12.38	91	153913	17.927	ug/l	99
90) Hexachloroethane	12.59	117	27440	18.071	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	83981	18.484	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16442	18.483	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Manual Integrations
APPROVED

MMDadoda
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Quant Time: Apr 05 07:26:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55763	17.652	ug/l	98
94) Hexachlorobutadiene	13.78	225	28151	18.581	ug/l	98
95) Naphthalene	13.83	128	199307	18.877	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	59385	18.814	ug/l	98

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

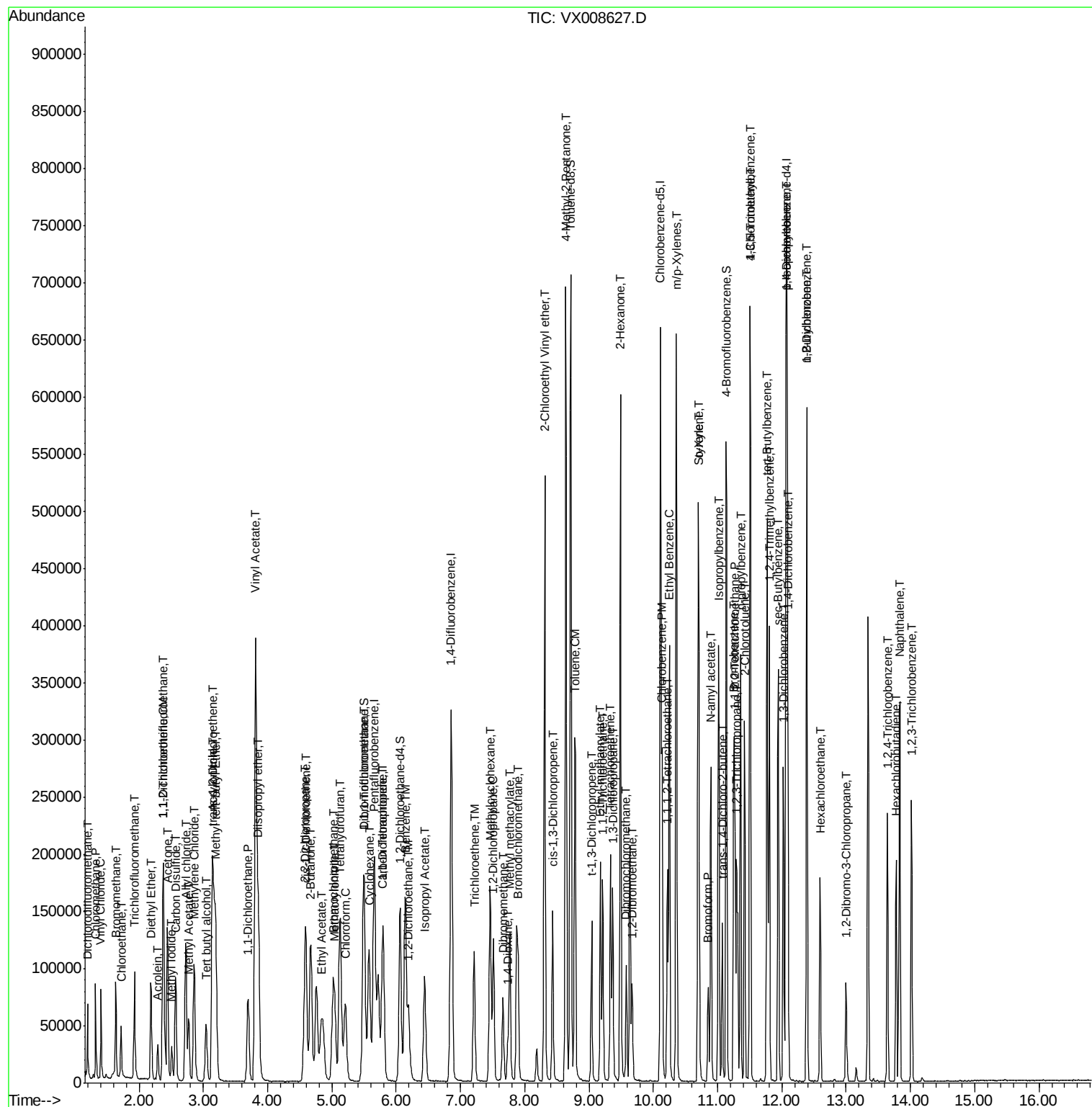
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040419\
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 Acq On : 04 Apr 2019 11:51
 Operator : JC/SP
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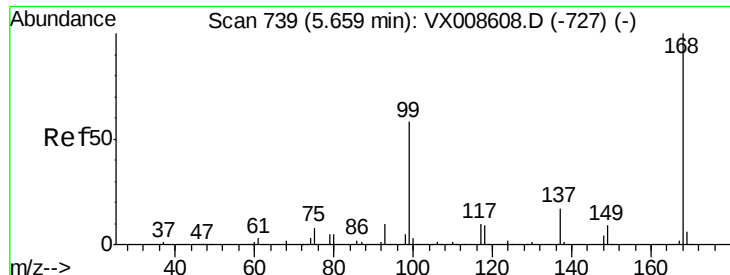
Instrument :
 MSVOA_X
 Client Sample Id :
 VX0404WBS01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion:168 Resp: 185956

Ion Ratio Lower Upper

168 100

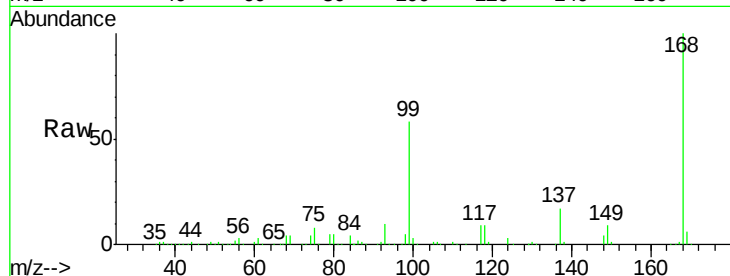
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Manual Integrations

APPROVED

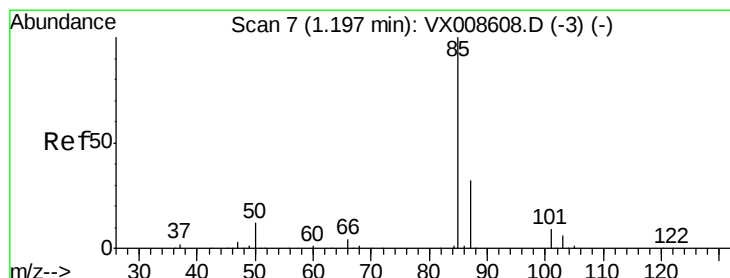
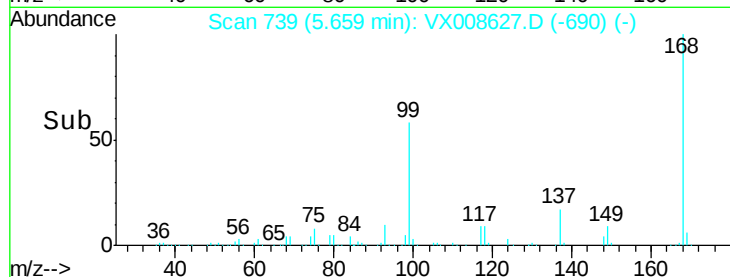
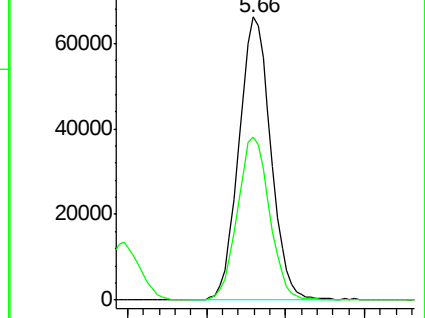
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.131 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008627.D

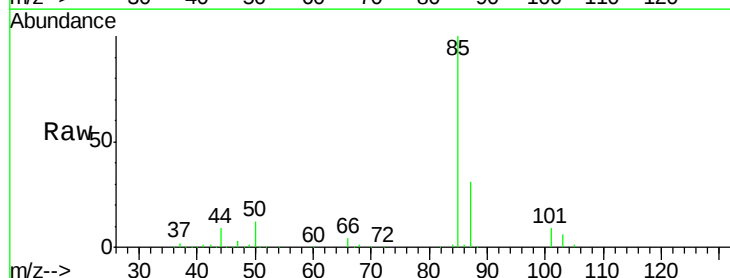
Acq: 04 Apr 2019 11:51

Tgt Ion: 85 Resp: 38810

Ion Ratio Lower Upper

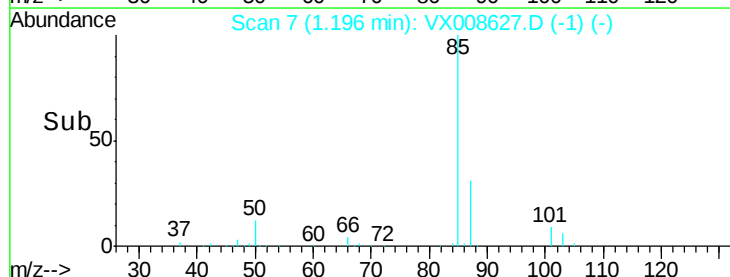
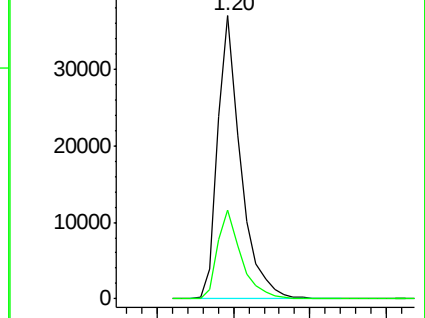
85 100

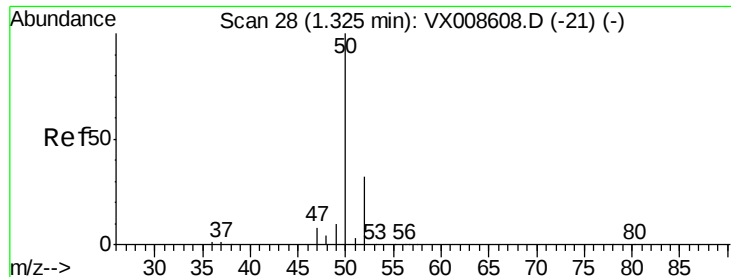
87 31.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.663 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion: 50 Resp: 54271

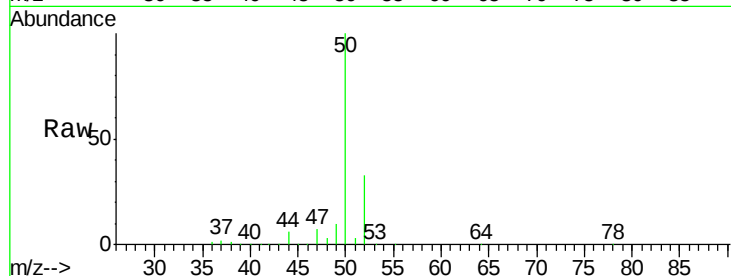
Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.8

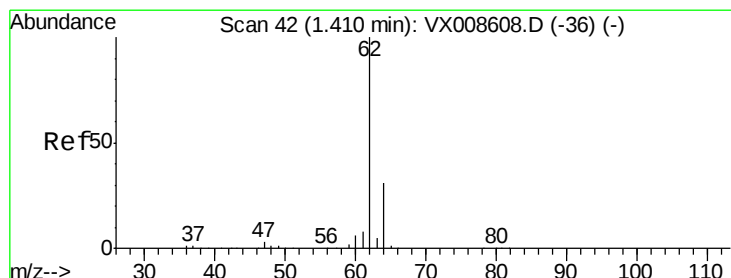
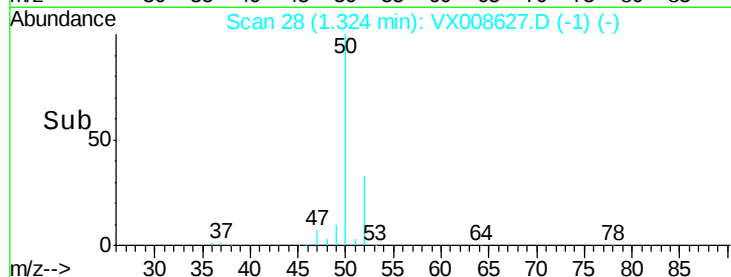
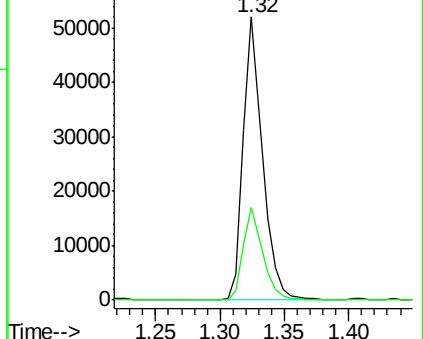
Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.826 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008627.D

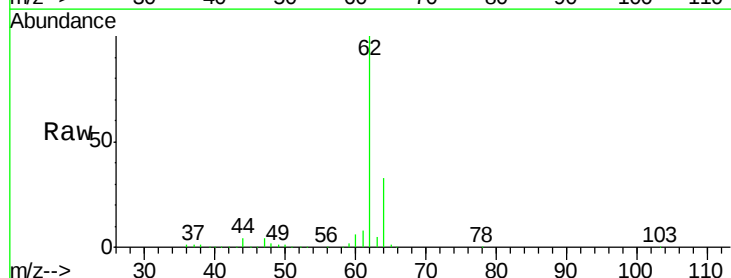
Acq: 04 Apr 2019 11:51

Tgt Ion: 62 Resp: 51580

Ion Ratio Lower Upper

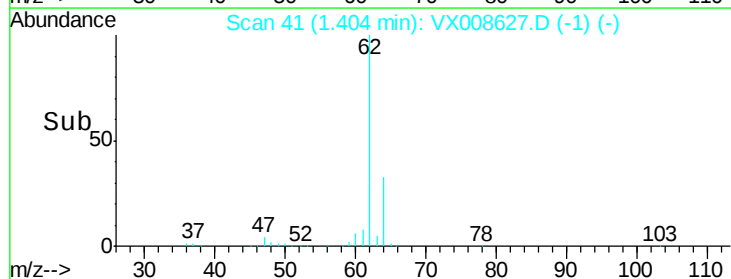
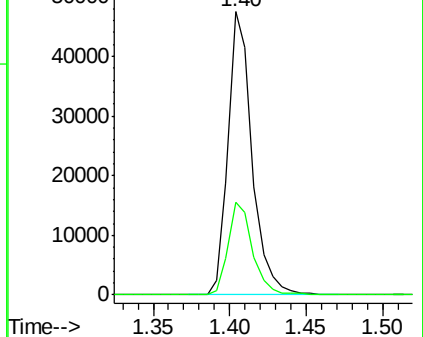
62 100

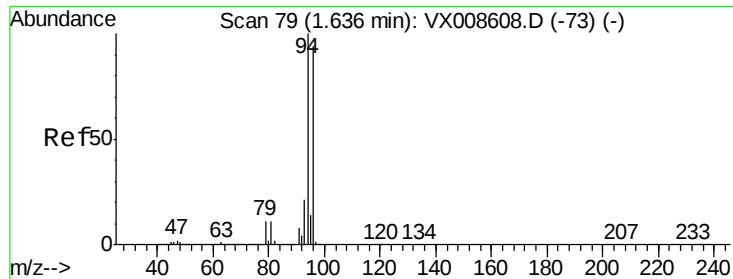
64 32.4 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.860 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tot Ion: 94 Resp: 26625

Ion Ratio Lower Upper

94 100

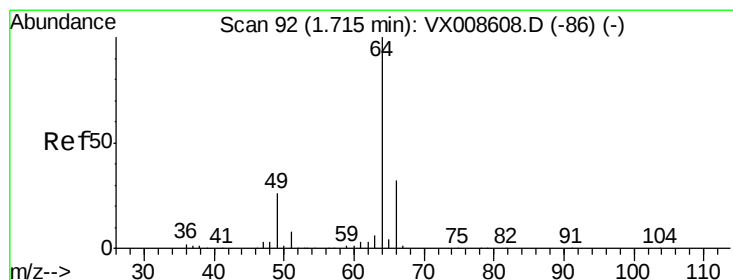
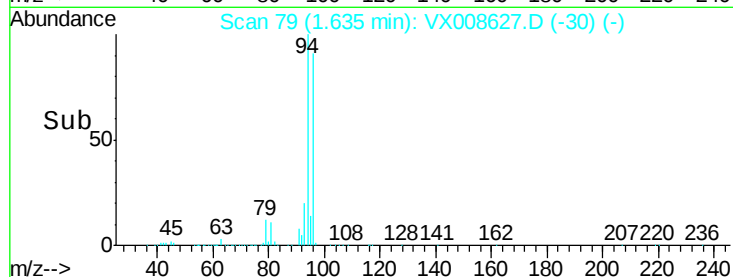
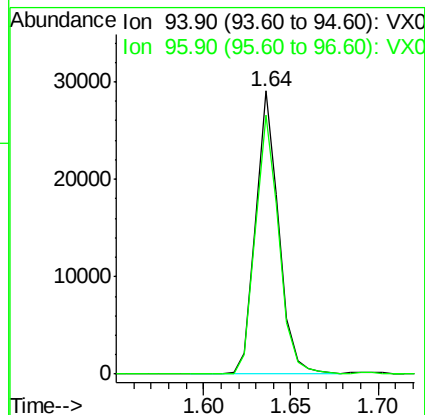
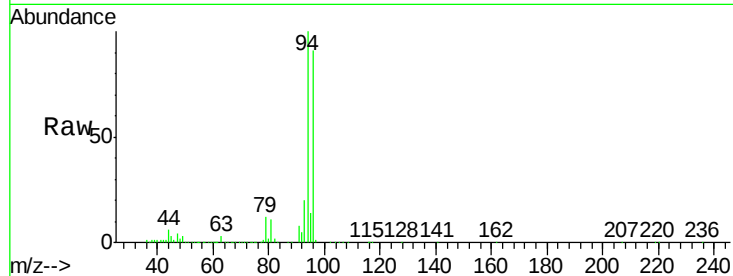
96 91.4 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 20.199 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008627.D

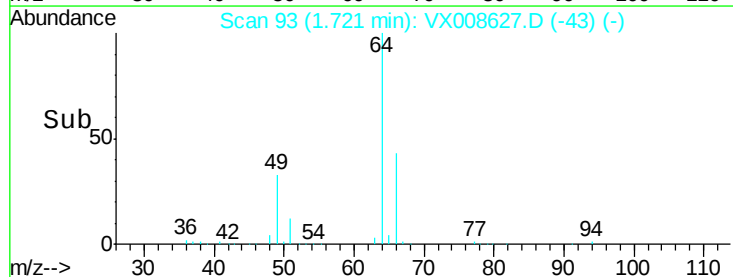
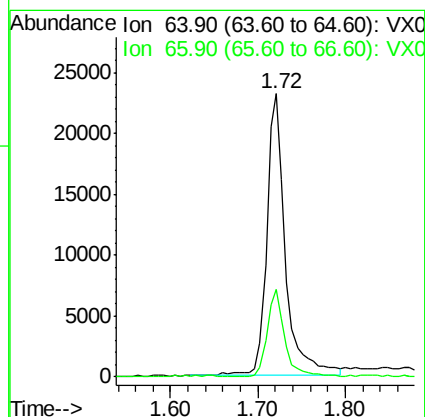
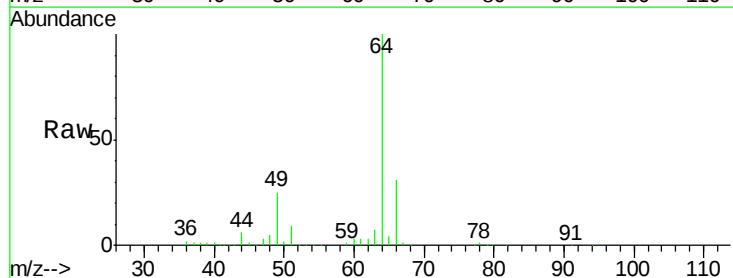
Acq: 04 Apr 2019 11:51

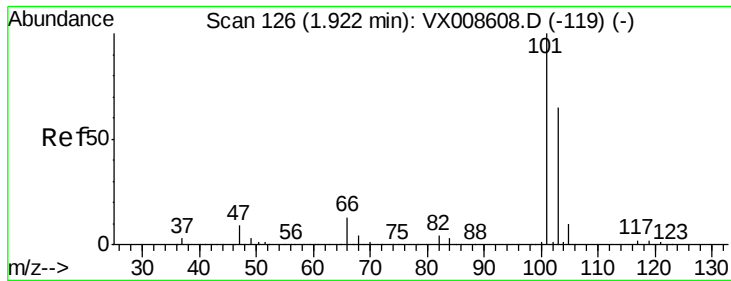
Tgt Ion: 64 Resp: 34772

Ion Ratio Lower Upper

64 100

66 30.9 25.4 38.0





#7

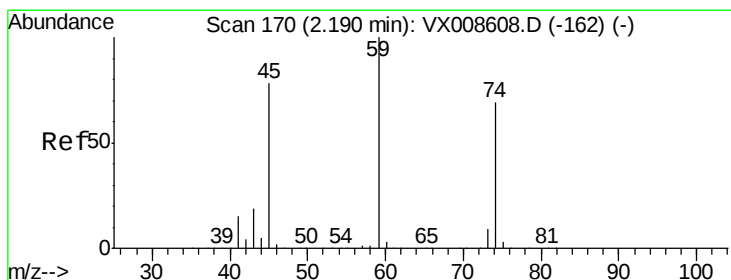
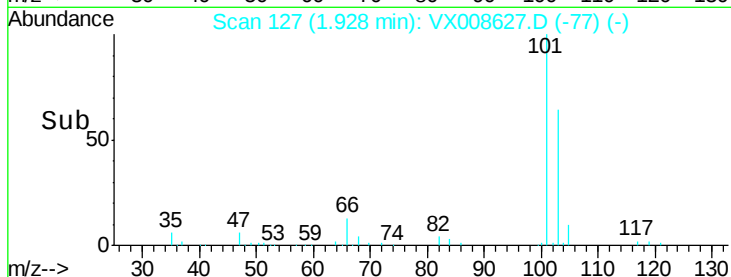
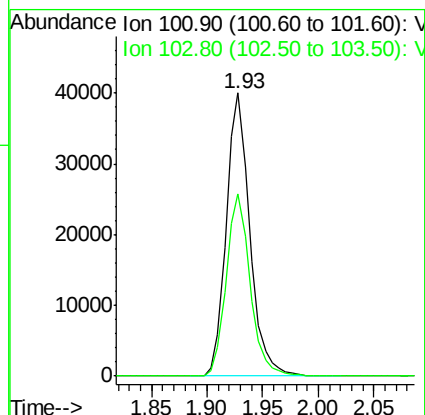
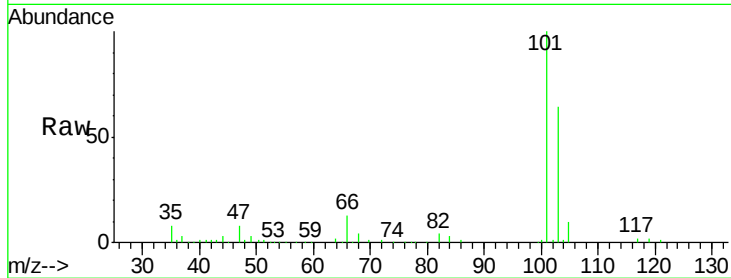
Trichlorofluoromethane
Concen: 18.292 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion:101 Resp: 58509
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

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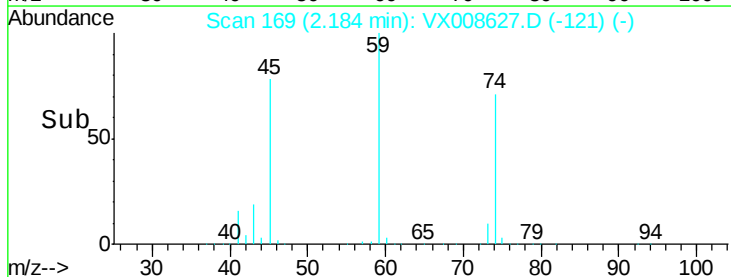
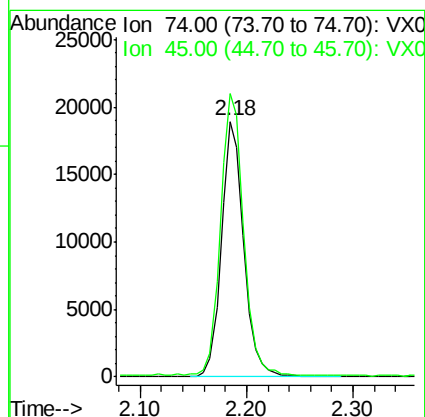
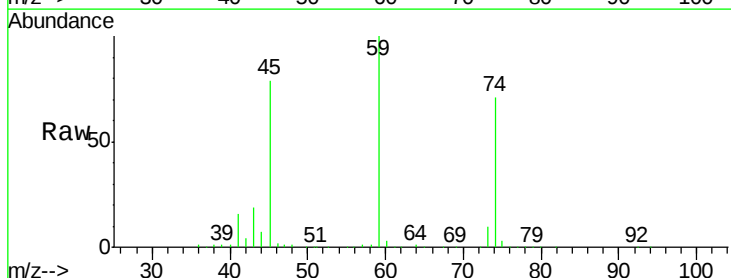
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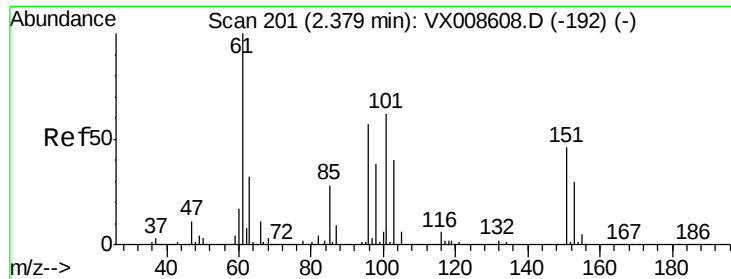


#8

Diethyl Ether
Concen: 18.182 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion: 74 Resp: 27579
Ion Ratio Lower Upper
74 100
45 113.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.563 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

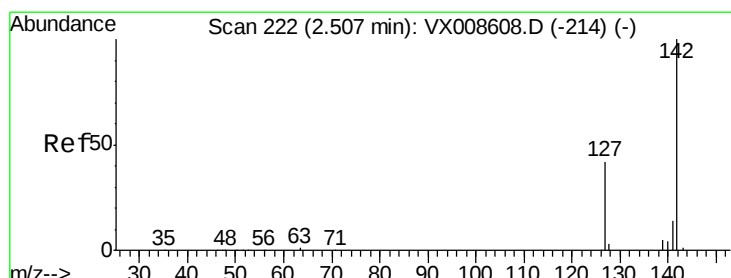
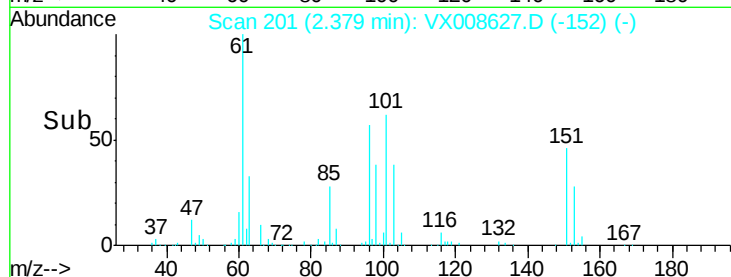
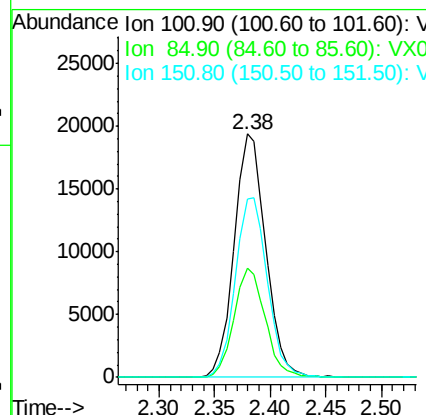
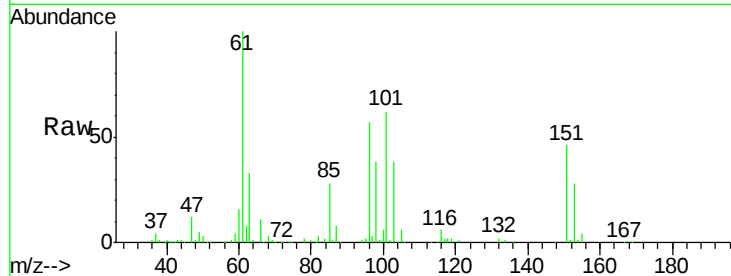
ClientSampled :

VX0404WBS01

Tot Ion:	101	Resp:	38228
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.0	54.0
151	74.6	59.9	89.9

Manual Integrations
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MMDadoda
4/5/2019 11:11:46 AM



#10

Methyl Iodide

Concen: 19.238 ug/l

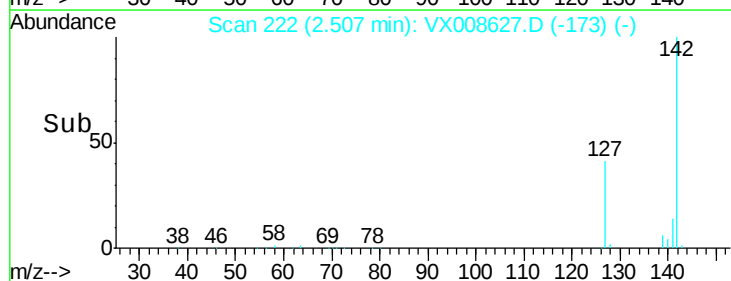
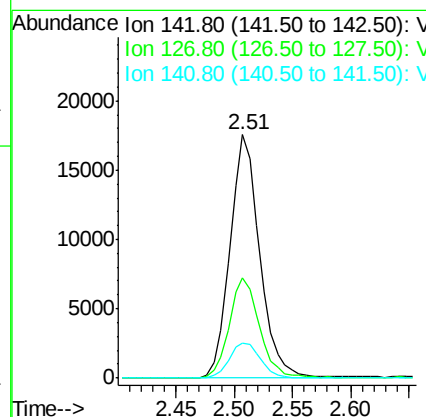
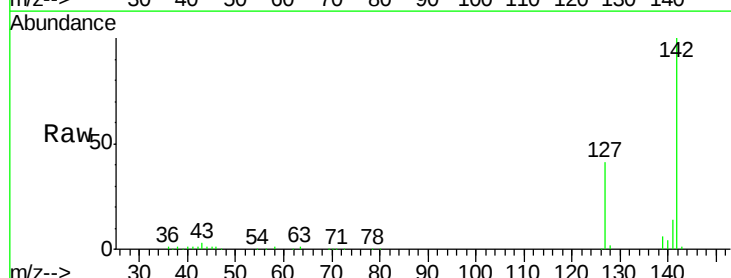
RT: 2.51 min Scan# 222

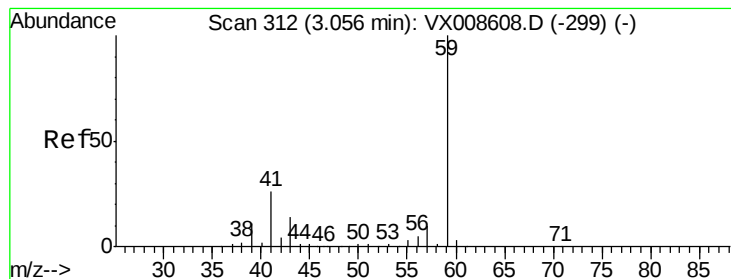
Delta R.T. 0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Tgt Ion:	142	Resp:	31060
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.0	49.6
141	15.2	11.4	17.2





#11

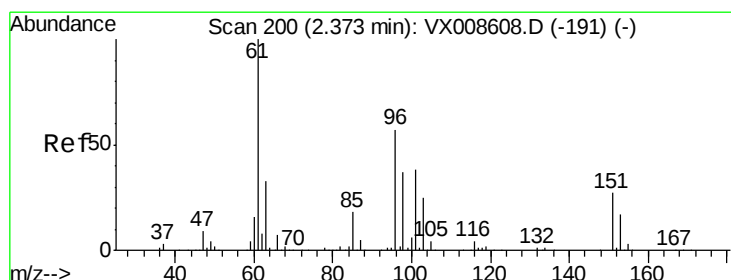
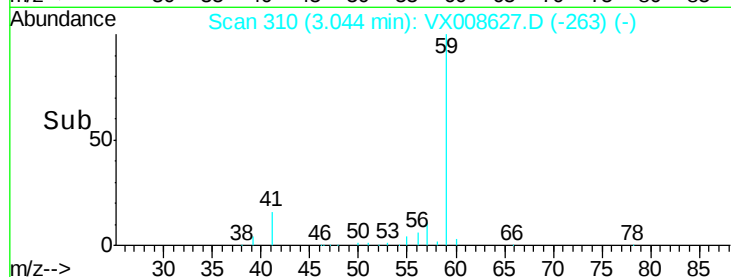
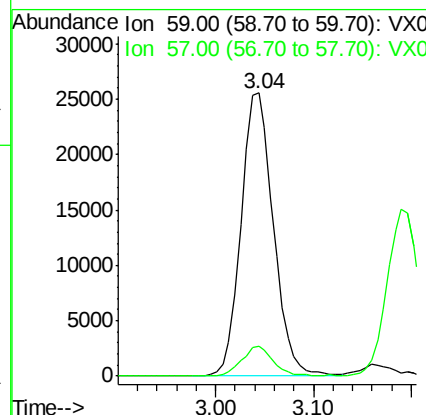
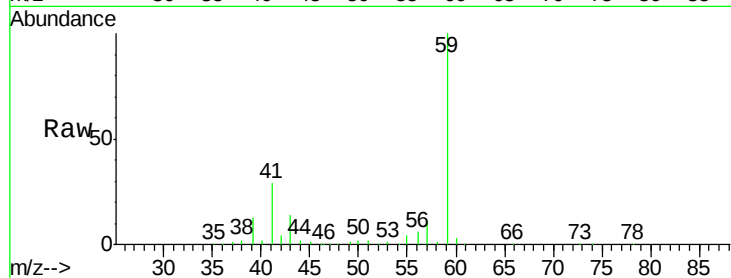
Tert butyl alcohol
 Concen: 92.432 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

Manual Integrations
 APPROVED

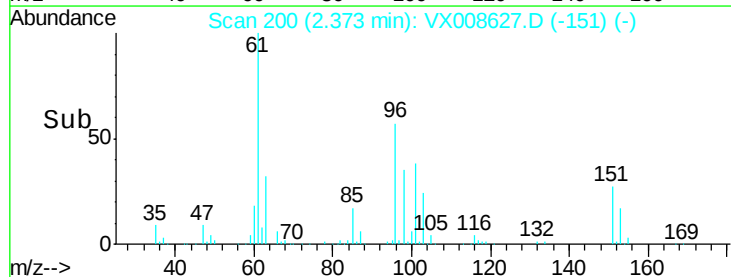
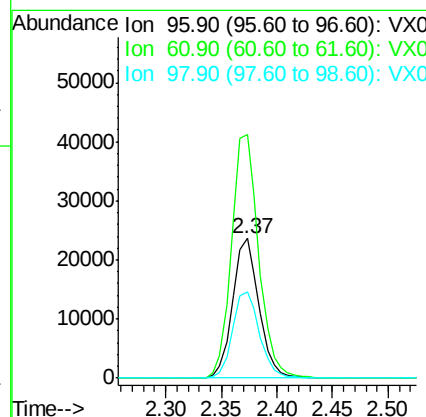
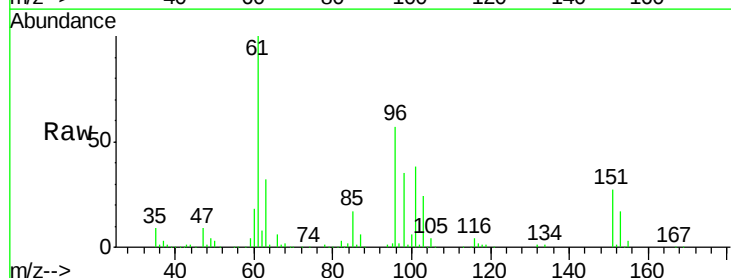
MMDadoda
 4/5/2019 11:11:46 AM

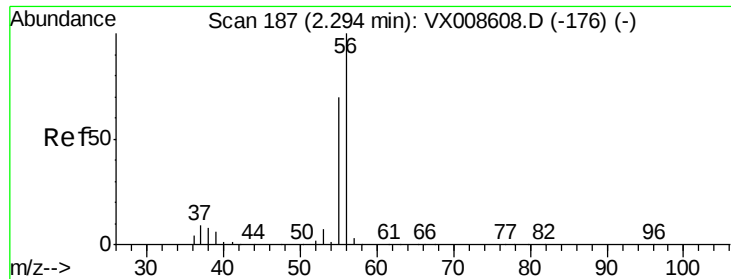


#12

1,1-Dichloroethene
 Concen: 17.968 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.4	140.9	211.3
98	61.7	52.1	78.1





#13

Acrolein

Concen: 76.931 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tot Ion: 56 Resp: 24222

Ion Ratio Lower Upper

56 100

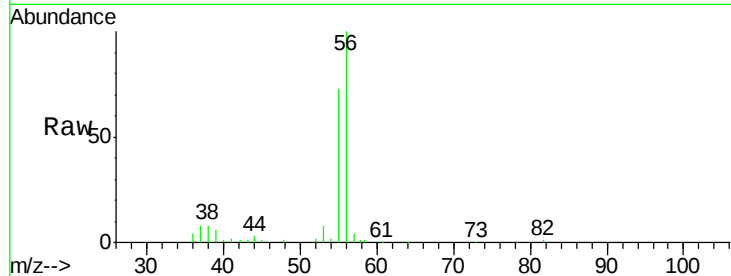
55 72.9 58.0 87.0

Manual Integrations

APPROVED

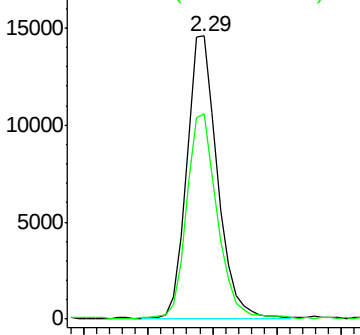
MMDadoda

4/5/2019 11:11:46 AM

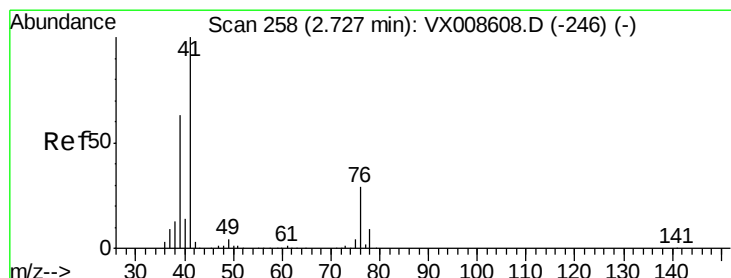
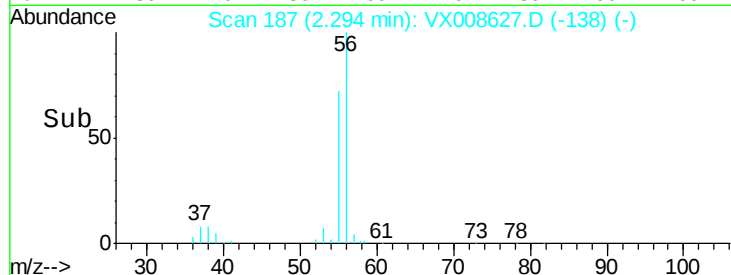


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 18.017 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

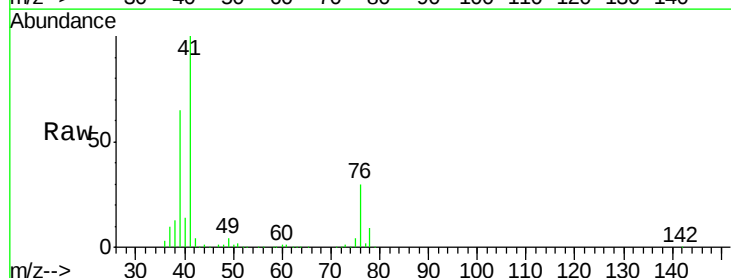
Tgt Ion: 41 Resp: 88668

Ion Ratio Lower Upper

41 100

39 61.1 48.0 72.0

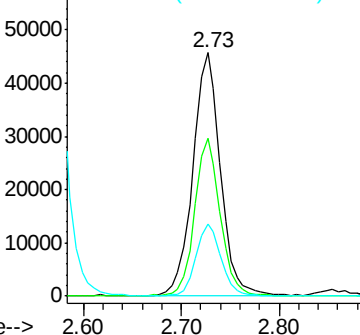
76 27.7 22.0 33.0



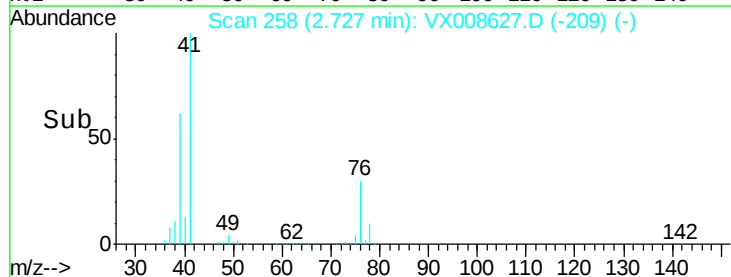
Abundance Ion 41.00 (40.70 to 41.70): VX0

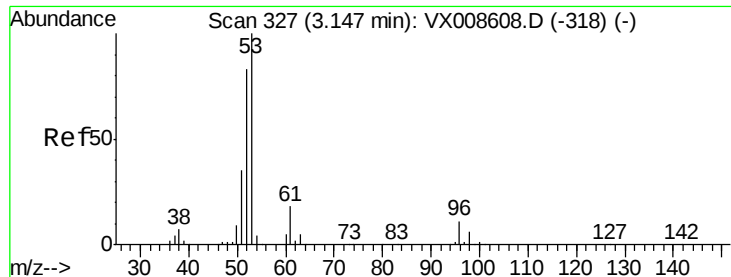
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 89.491 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

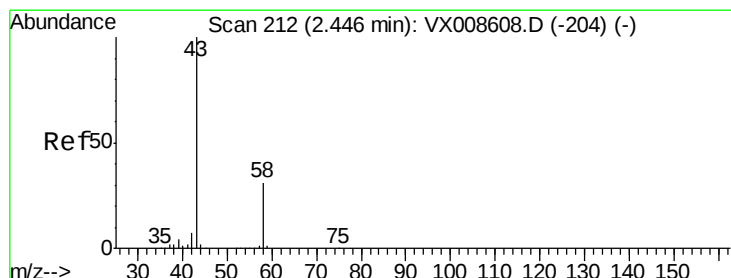
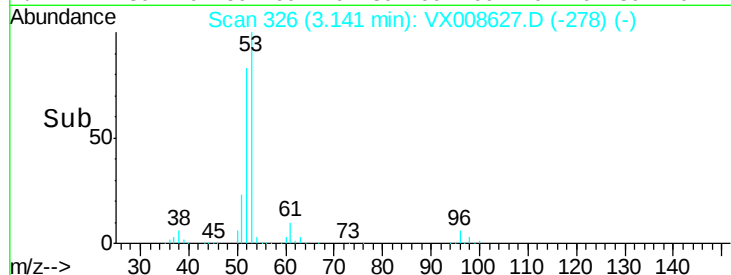
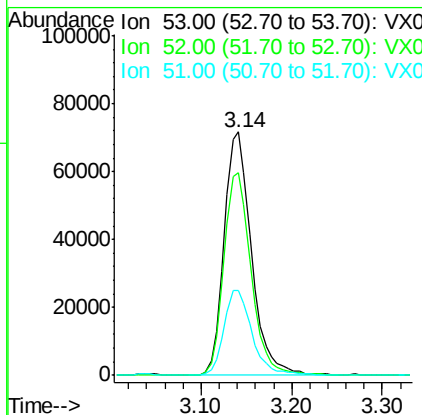
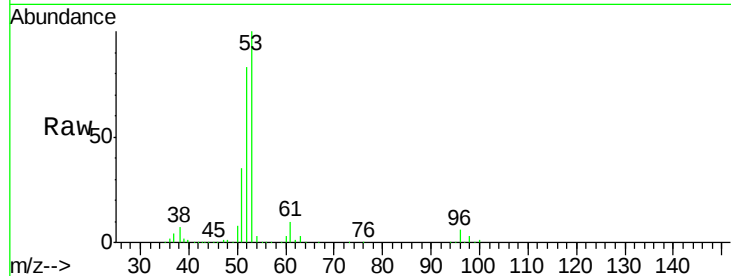
ClientSampleId :

VX0404WBS01

Tot Ion:	53	Resp:	150538
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.5	99.7
51	36.0	28.6	42.8

Manual Integrations
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MMDadoda
4/5/2019 11:11:46 AM



#16

Acetone

Concen: 90.864 ug/l

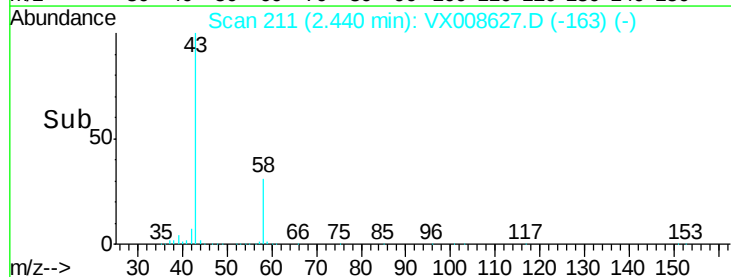
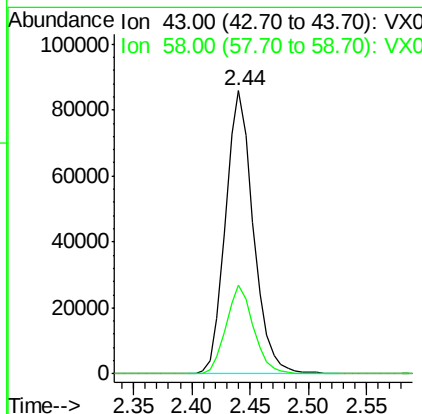
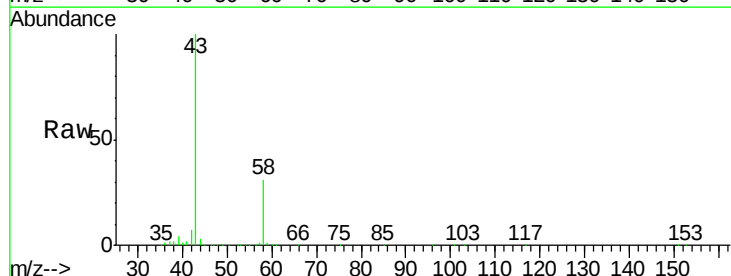
RT: 2.44 min Scan# 211

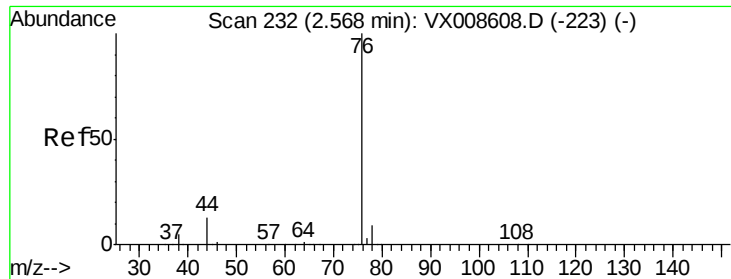
Delta R.T. -0.01 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Tgt Ion:	43	Resp:	141947
Ion Ratio		Lower	Upper
43	100		
58	31.2	24.8	37.2





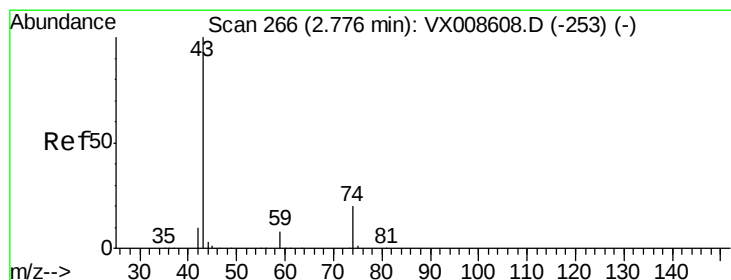
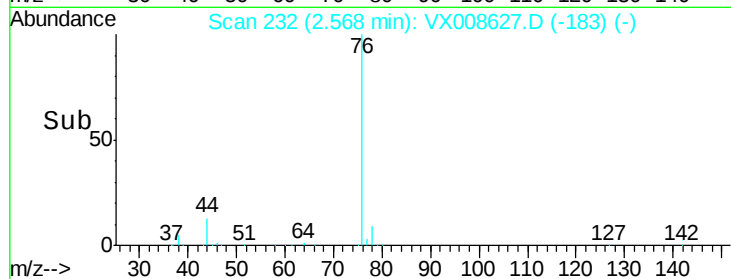
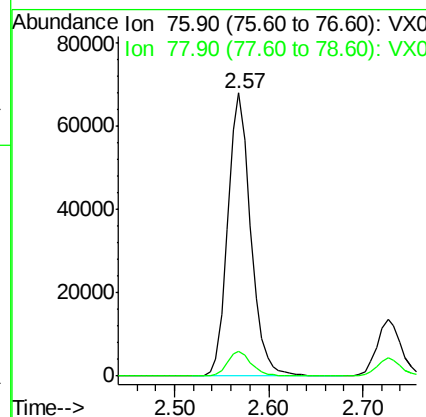
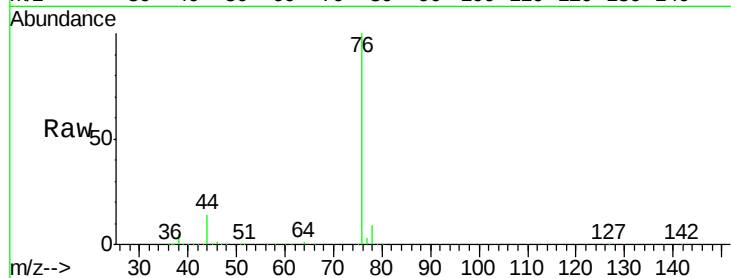
#17
Carbon Disulfide
Concen: 17.993 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

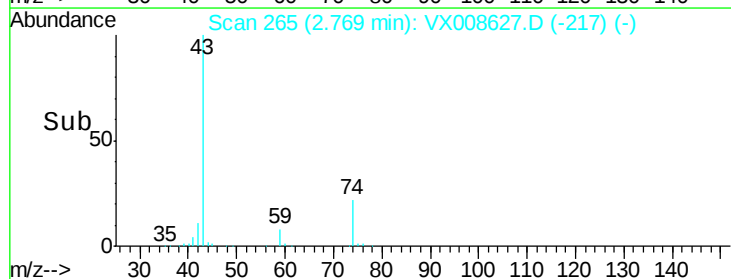
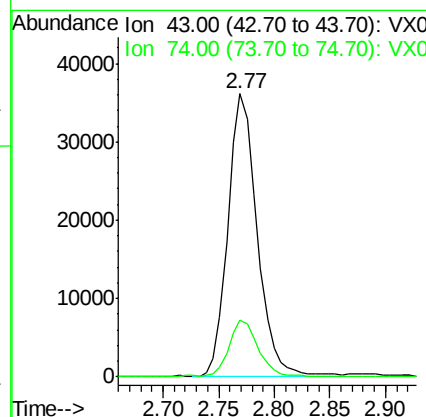
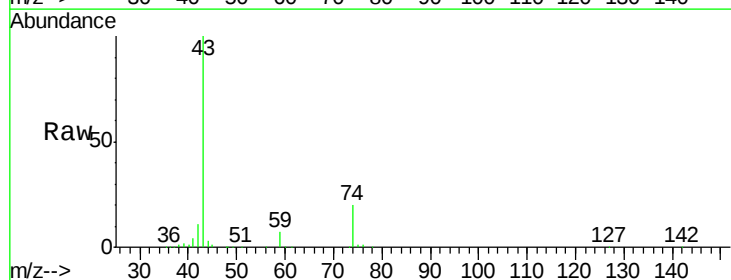
Manual Integrations
APPROVED

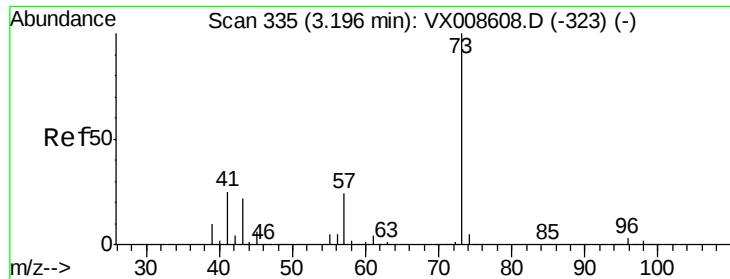
MMDadoda
4/5/2019 11:11:46 AM



#18
Methyl Acetate
Concen: 17.266 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	16.5	24.7





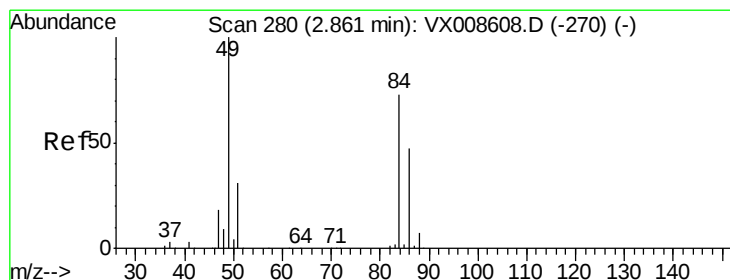
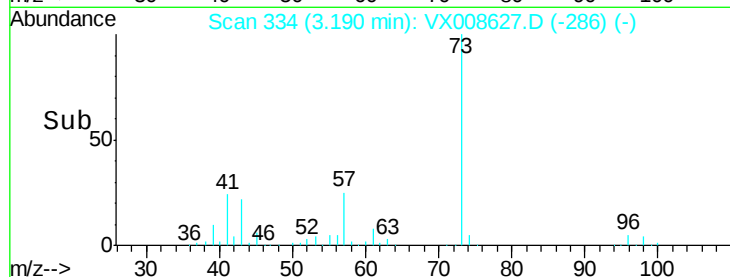
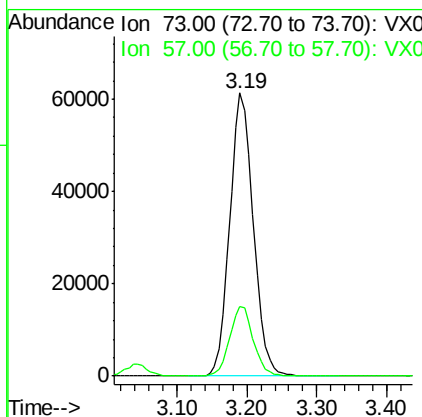
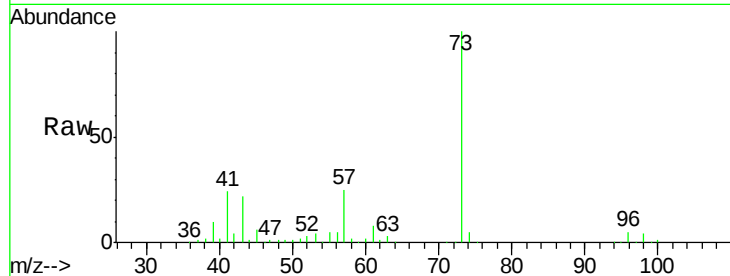
#19
Methvl tert-butvl Ether
Concen: 18.714 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tot Ion: 73 Resp: 143676
Ion Ratio Lower Upper
73 100
57 24.5 19.5 29.3

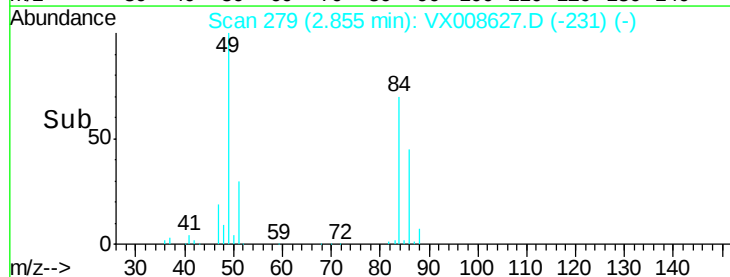
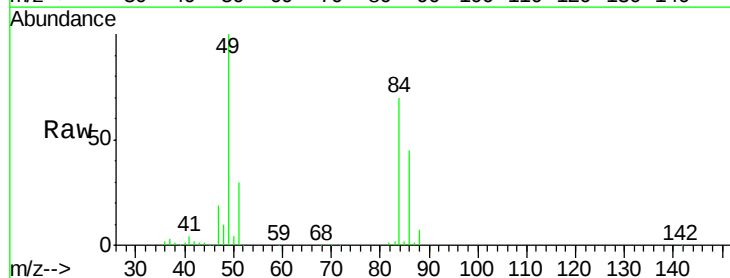
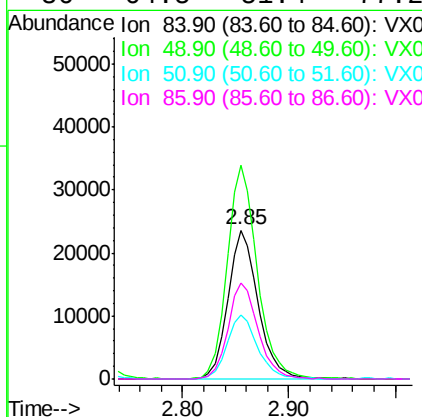
Manual Integrations
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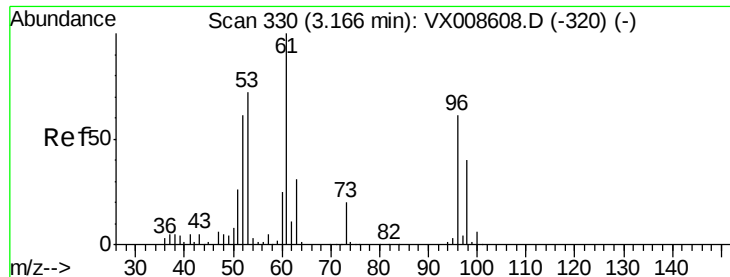
MMDadoda
4/5/2019 11:11:46 AM



#20
Methylene Chloride
Concen: 17.883 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion: 84 Resp: 46762
Ion Ratio Lower Upper
84 100
49 143.0 109.7 164.5
51 42.6 33.6 50.4
86 64.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.750 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

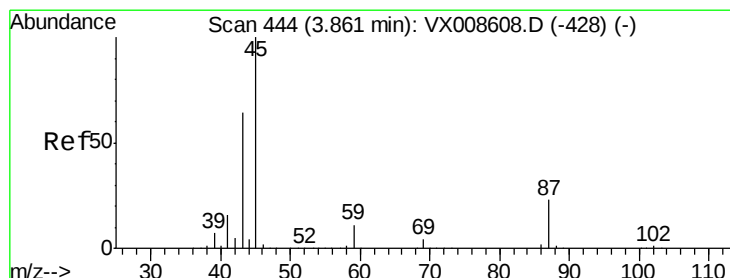
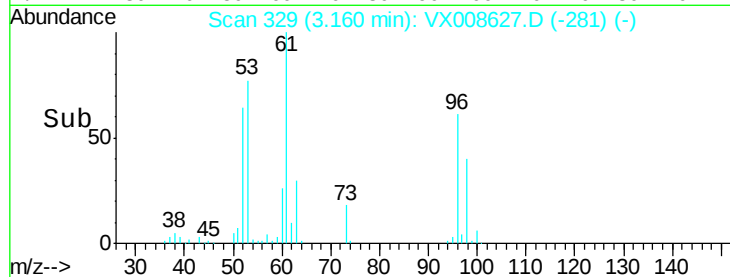
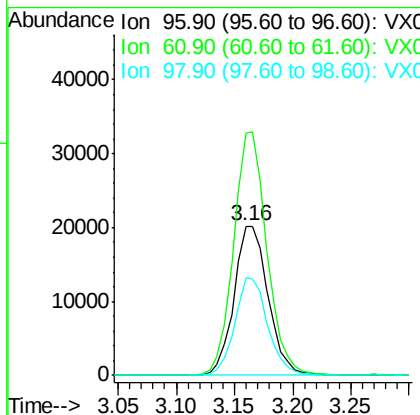
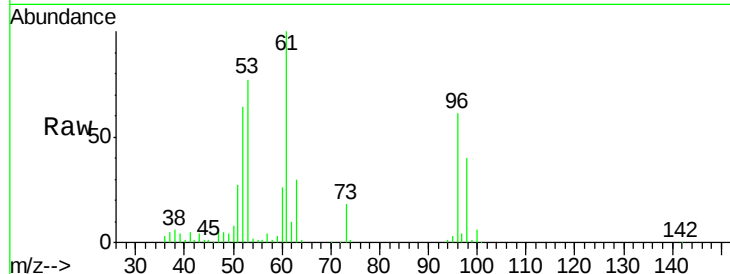
ClientSampled :

VX0404WBS01

Tot Ion:	96	Resp:	41275
Ion	Ratio	Lower	Upper
96	100		
61	162.5	132.1	198.1
98	65.3	52.2	78.2

Manual Integrations
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4/5/2019 11:11:46 AM



#22

Diisopropyl ether

Concen: 18.795 ug/l

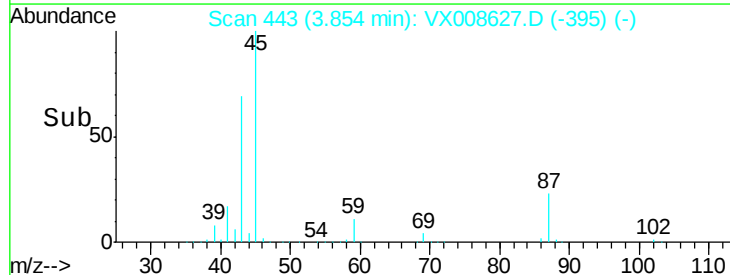
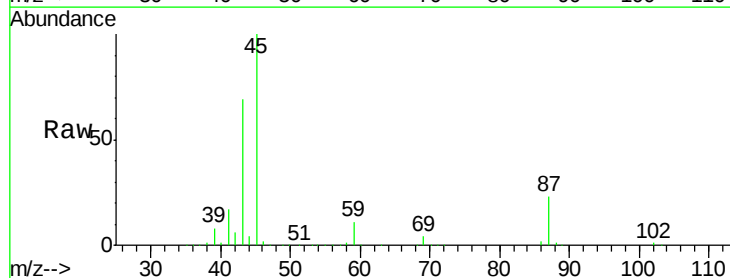
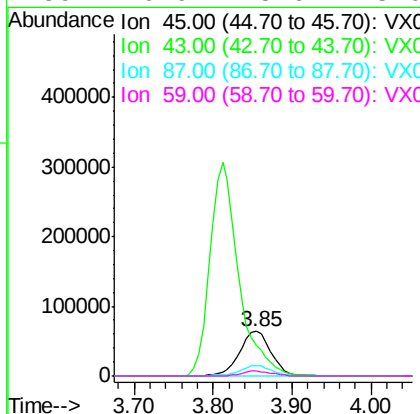
RT: 3.85 min Scan# 443

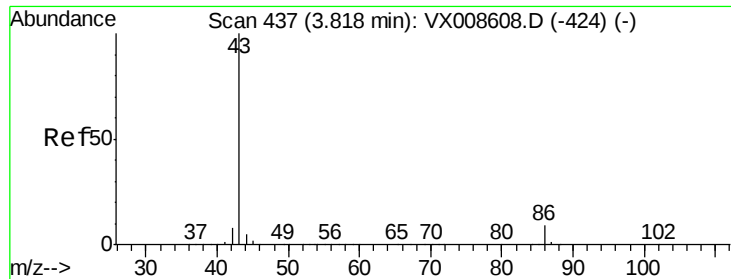
Delta R.T. -0.01 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Tgt Ion:	45	Resp:	178284
Ion	Ratio	Lower	Upper
45	100		
43	68.5	51.3	76.9
87	23.1	18.1	27.1
59	10.9	8.6	13.0





#23

Vinyl Acetate

Concen: 94.761 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tot Ion: 43 Resp: 781958

Ion Ratio Lower Upper

43 100

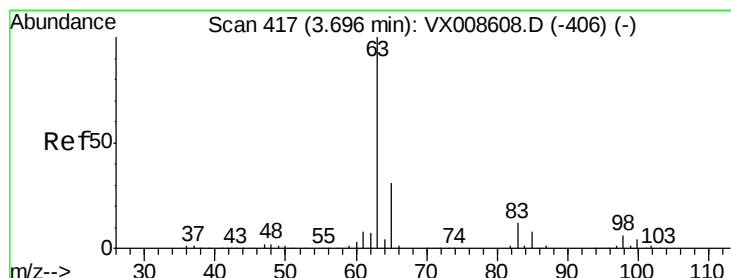
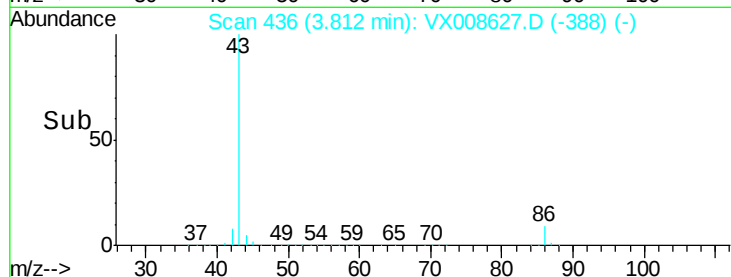
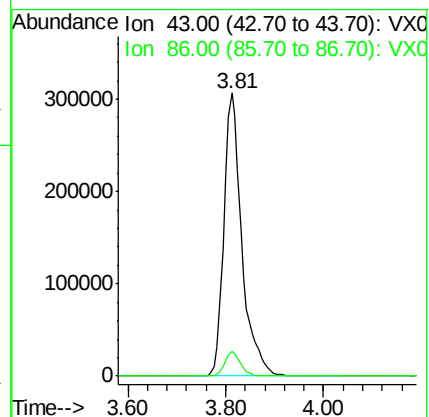
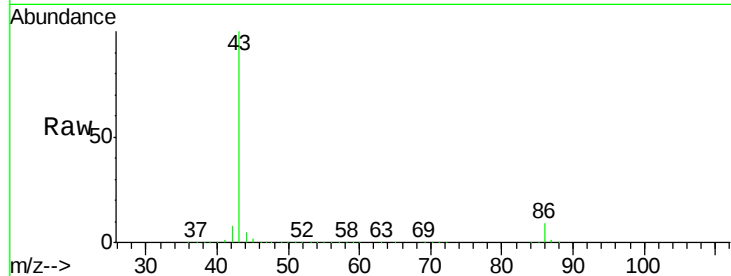
86 8.6 7.0 10.6

Manual Integrations

APPROVED

MMDadoda

4/5/2019 11:11:46 AM



#24

1,1-Dichloroethane

Concen: 18.430 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

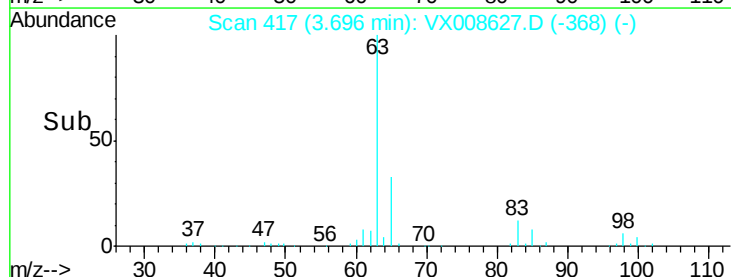
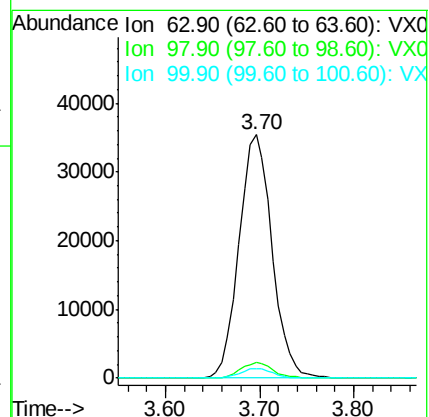
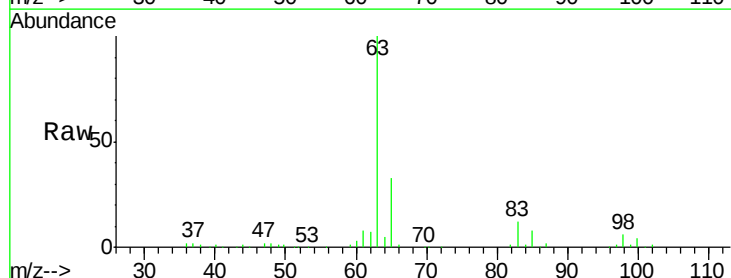
Tgt Ion: 63 Resp: 86556

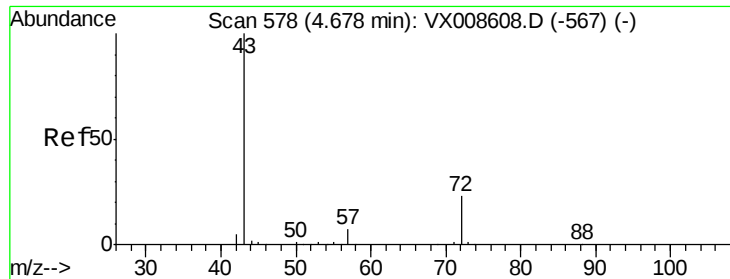
Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

100 3.8 1.8 5.5





#25

2-Butanone

Concen: 90.859 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Tot Ion: 43 Resp: 224340

Ion Ratio Lower Upper

43 100

72 22.7 18.2 27.4

Instrument :

MSVOA_X

ClientSampleId :

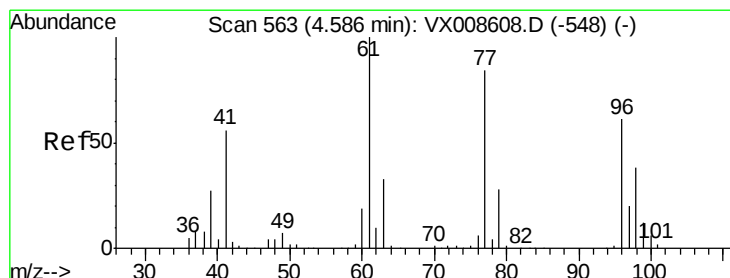
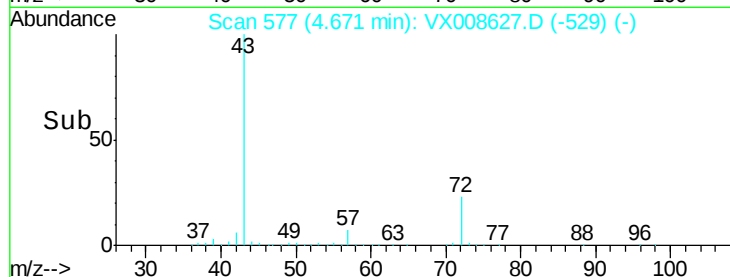
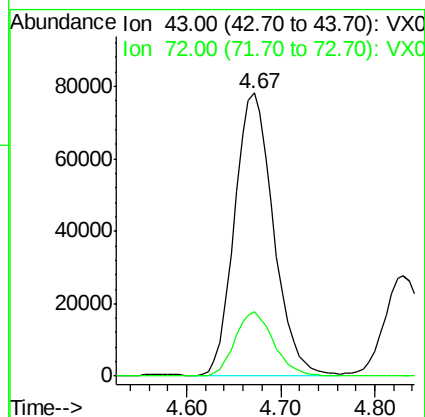
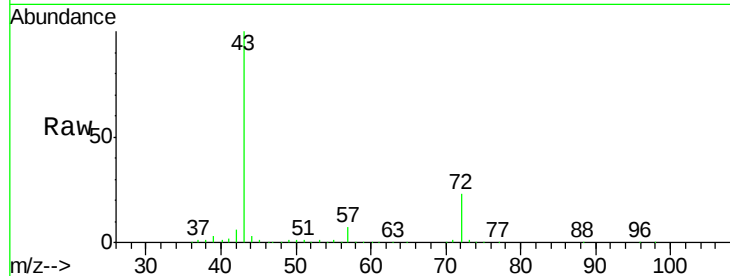
VX0404WBS01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.950 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008627.D

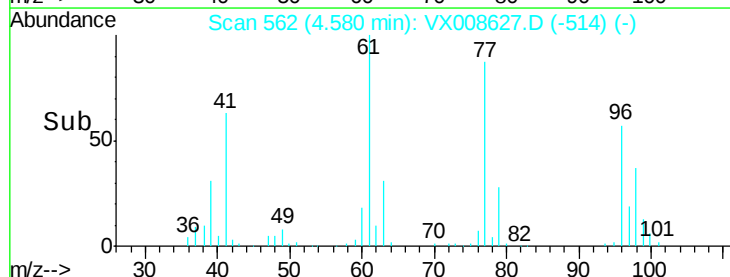
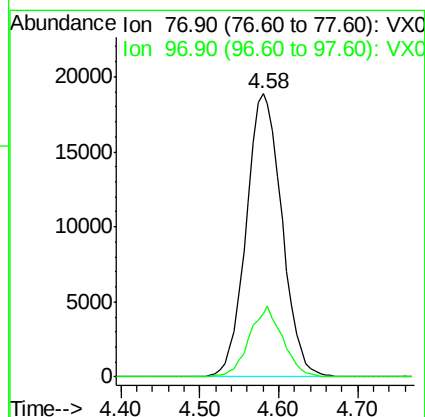
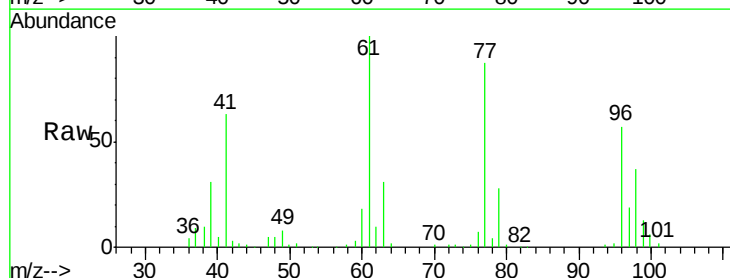
Acq: 04 Apr 2019 11:51

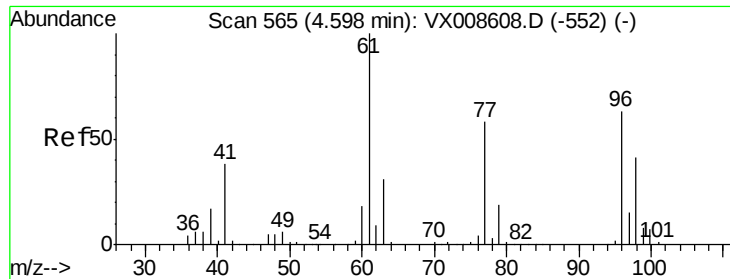
Tgt Ion: 77 Resp: 59375

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5





#27

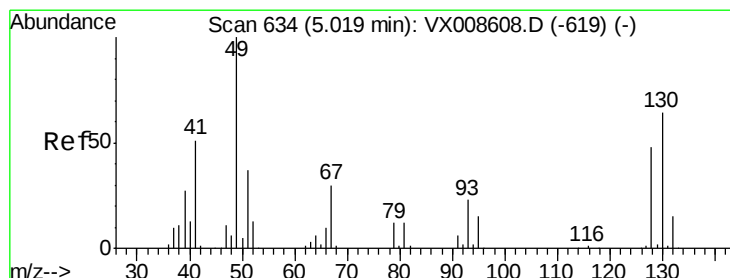
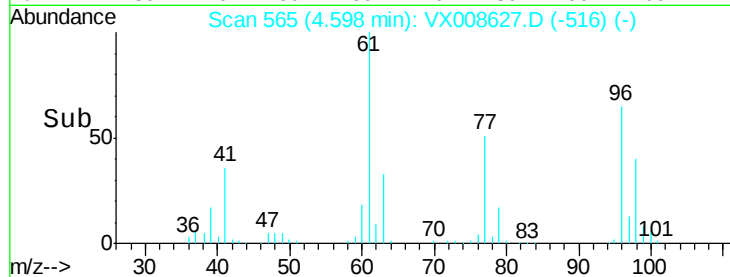
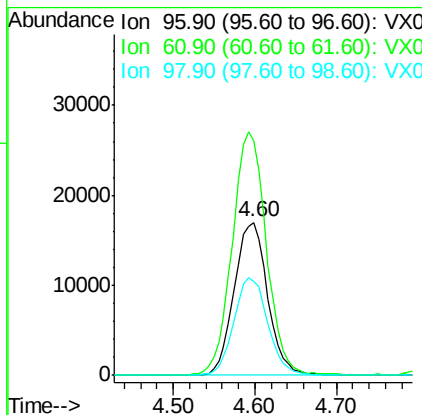
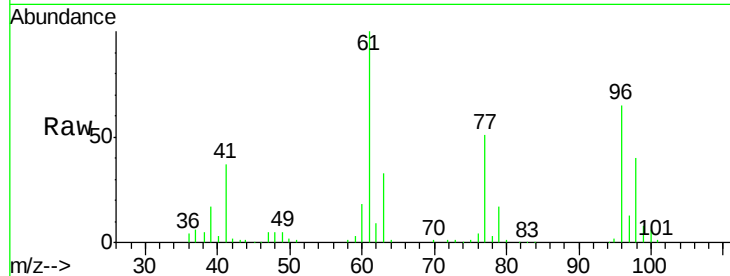
cis-1,2-Dichloroethene
Concen: 18.027 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	48195		
61	162.8		0.0	327.6
98	64.8		0.0	128.6

Manual Integrations
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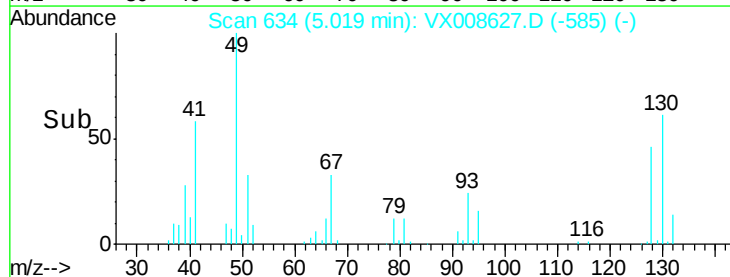
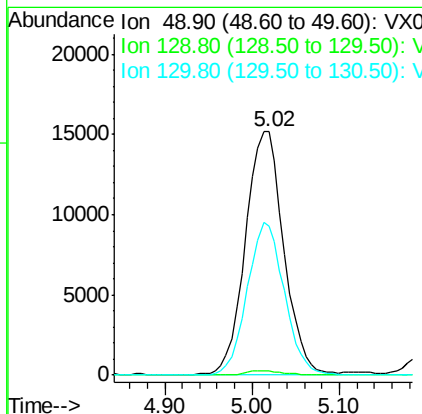
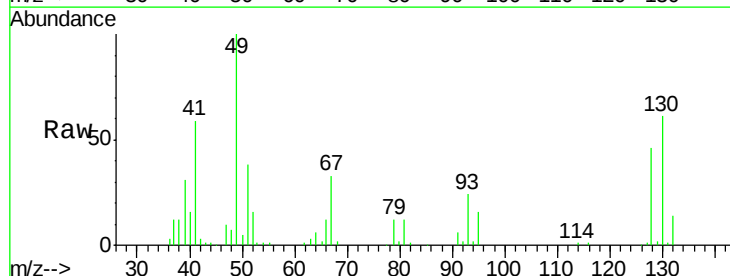
MMDadoda
4/5/2019 11:11:46 AM

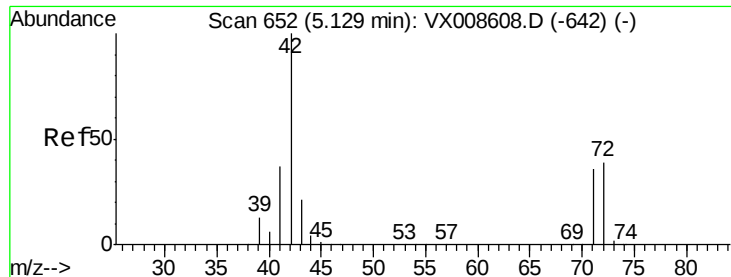


#28

Bromochloromethane
Concen: 21.870 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	46245		
129	1.5		0.0	3.6
130	60.4		49.3	73.9





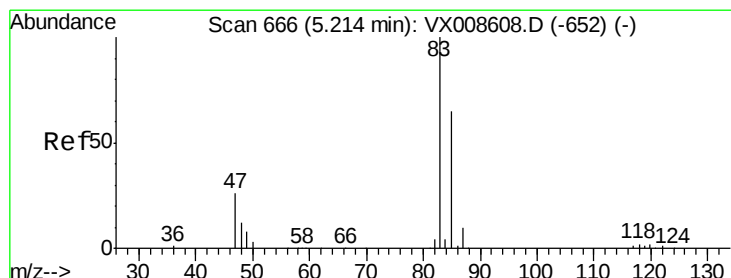
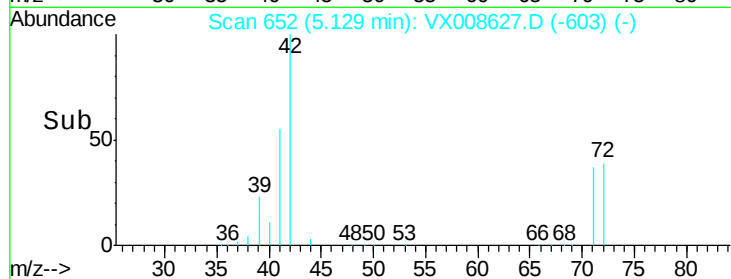
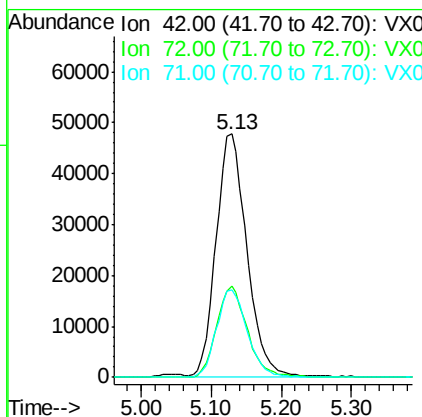
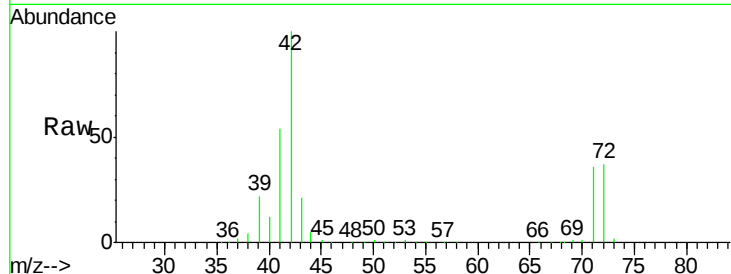
#29
Tetrahydrofuran
Concen: 88.601 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.1	30.5	45.7
71	36.3	28.6	43.0

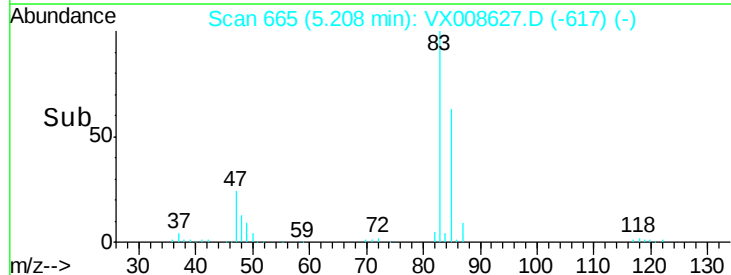
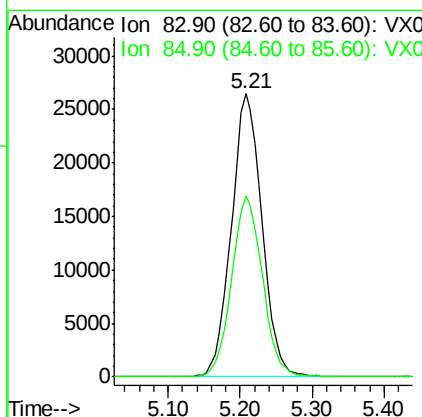
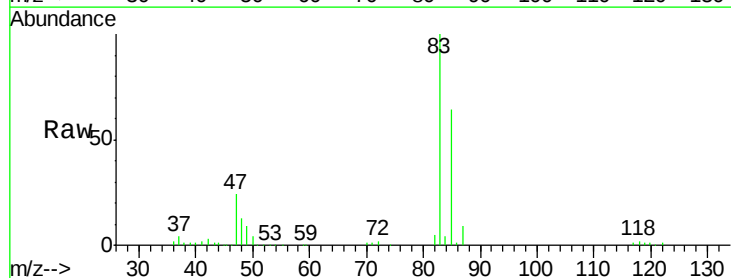
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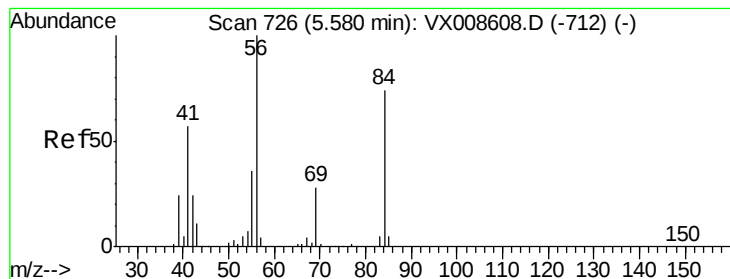
MMDadoda
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#30
Chloroform
Concen: 18.612 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.1	78.1





#31

Cyclohexane

Concen: 18.156 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

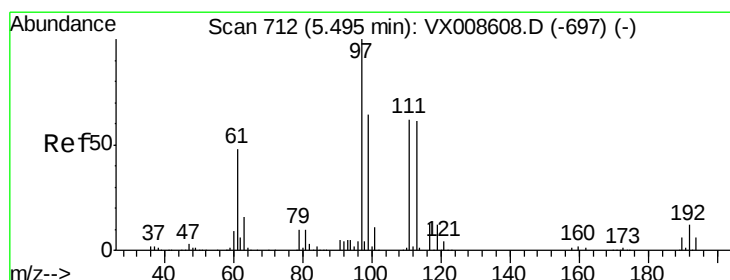
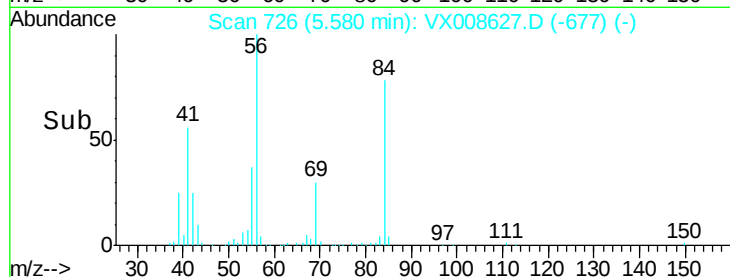
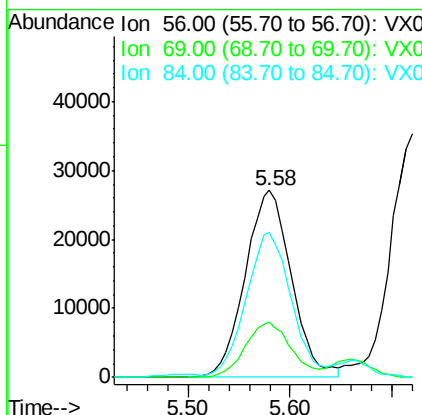
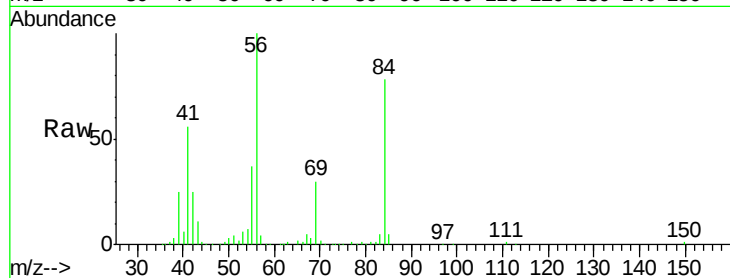
ClientSampleId :

VX0404WBS01

Tot Ion:	56	Resp:	85082
Ion	Ratio	Lower	Upper
56	100		
69	29.6	22.6	33.8
84	76.5	59.3	88.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.447 ug/l

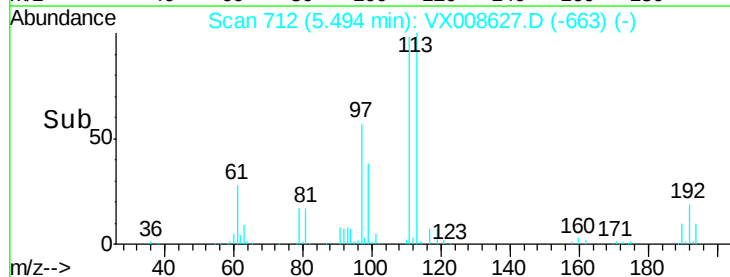
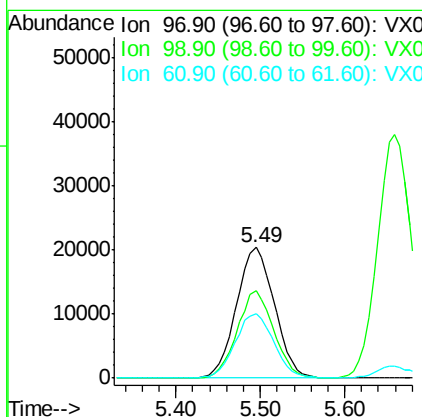
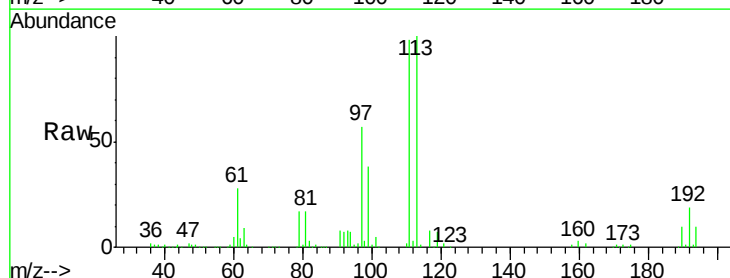
RT: 5.49 min Scan# 712

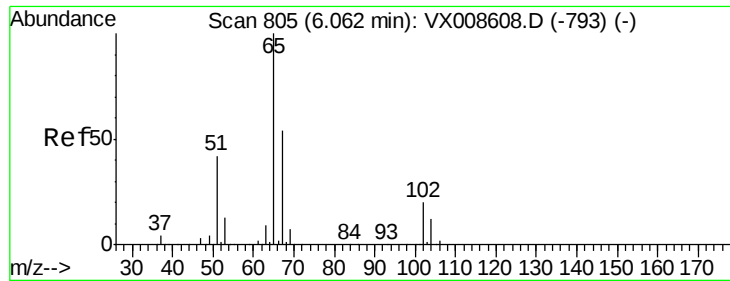
Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Tgt Ion:	97	Resp:	62532
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	50.2	38.9	58.3





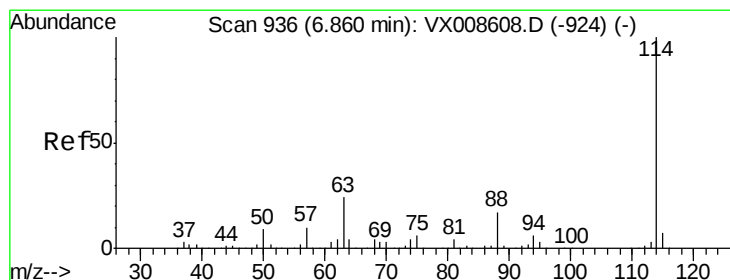
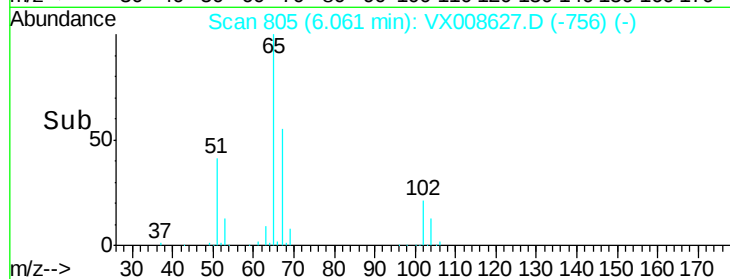
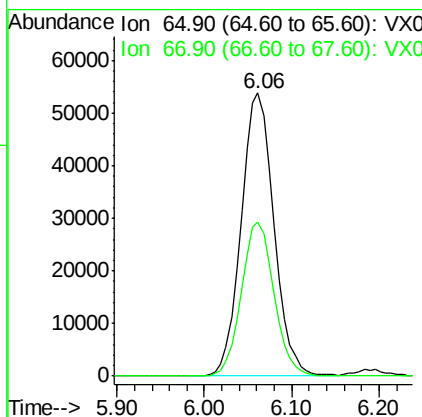
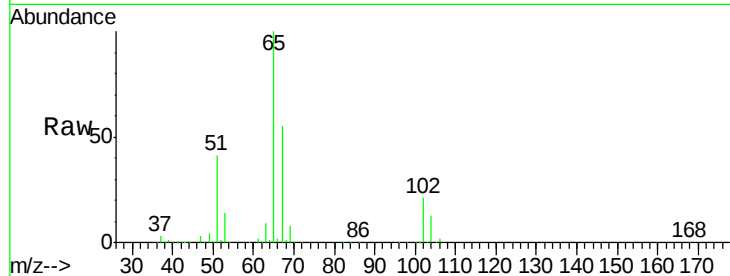
#33
 1,2-Dichloroethane-d4
 Concen: 51.584 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.2

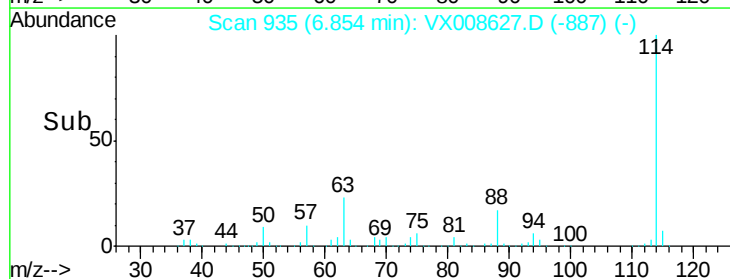
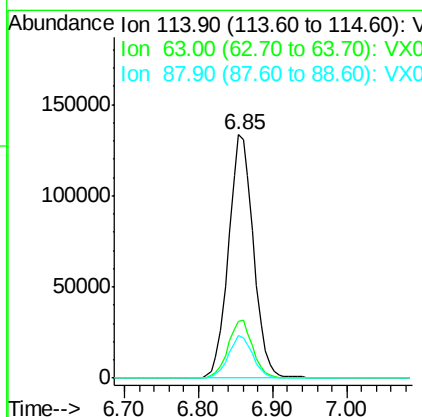
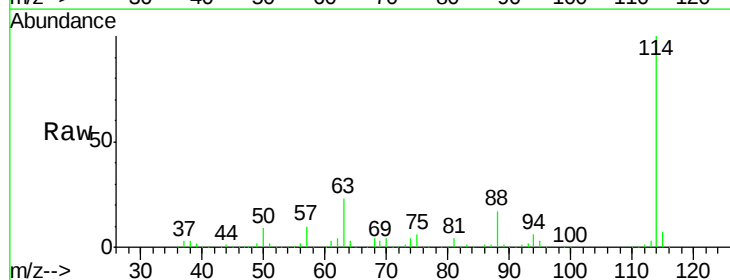
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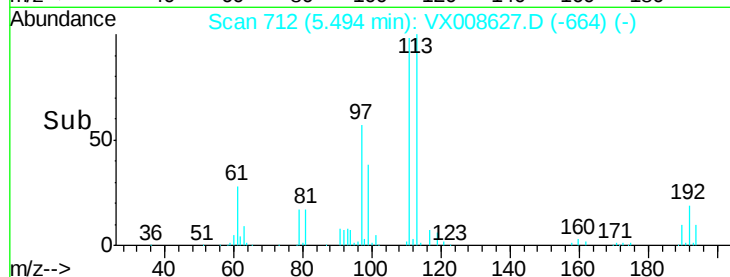
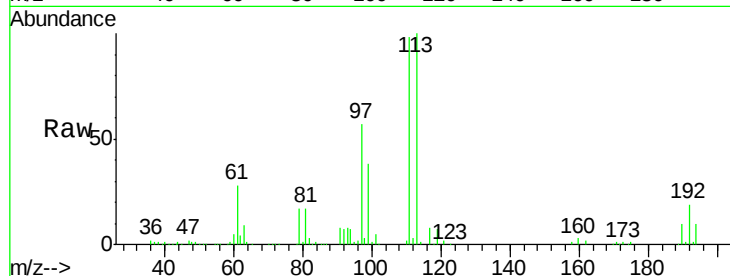
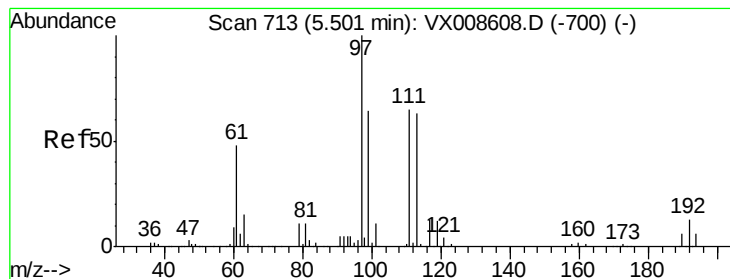
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	47.2
88	17.3	0.0	34.0





#35

Dibromofluoromethane

Concen: 51.258 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008627.D

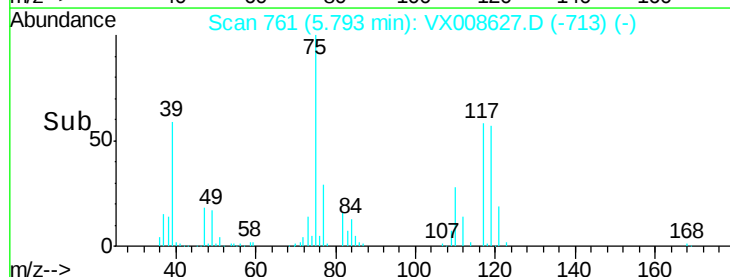
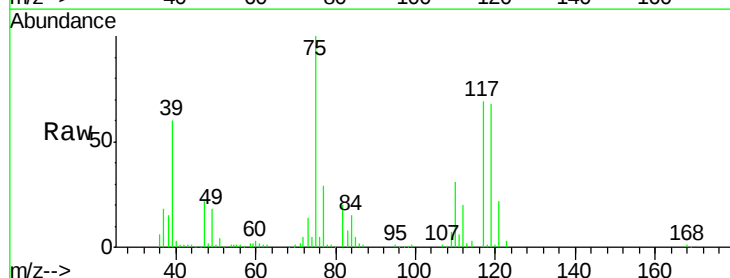
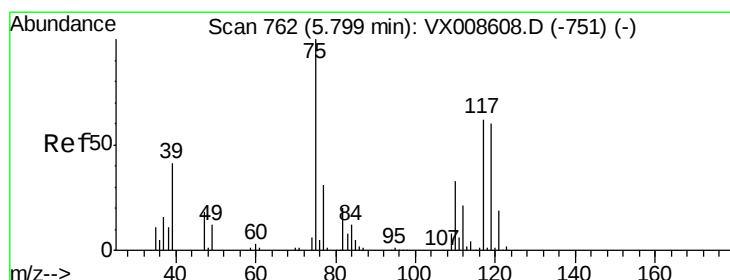
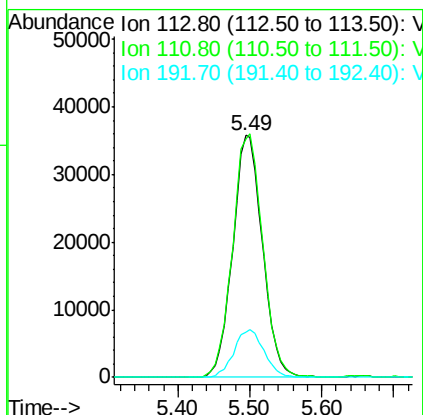
Acq: 04 Apr 2019 11:51

Tot Ion:	113	Resp:	102581
Ion Ratio	Lower	Upper	
113	100		
111	102.0	83.4	125.2
192	20.0	16.1	24.1

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.676 ug/l

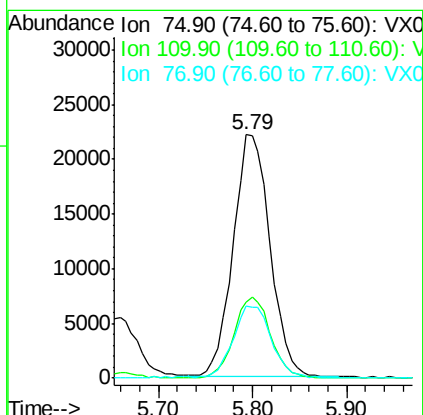
RT: 5.79 min Scan# 761

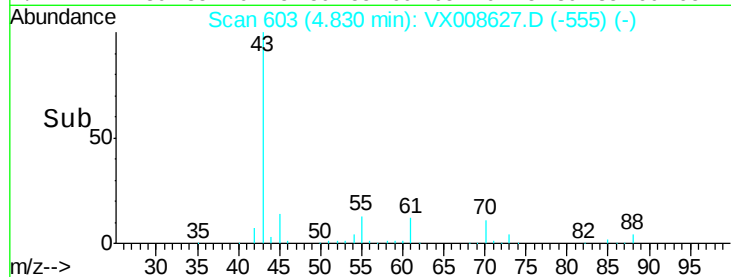
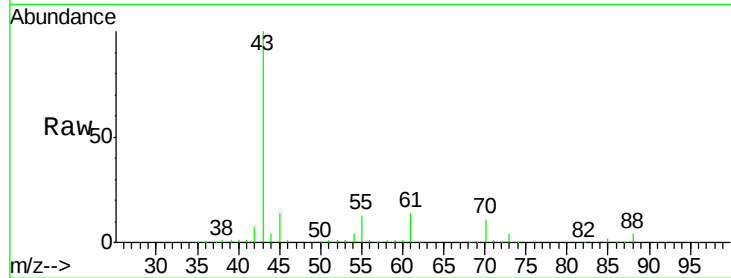
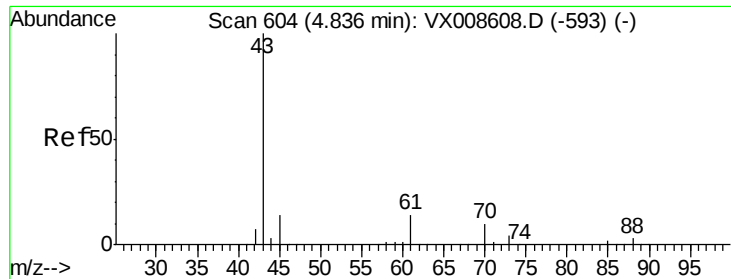
Delta R.T. -0.01 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Tgt Ion:	75	Resp:	60479
Ion Ratio	Lower	Upper	
75	100		
110	33.4	16.4	49.2
77	31.2	24.7	37.1





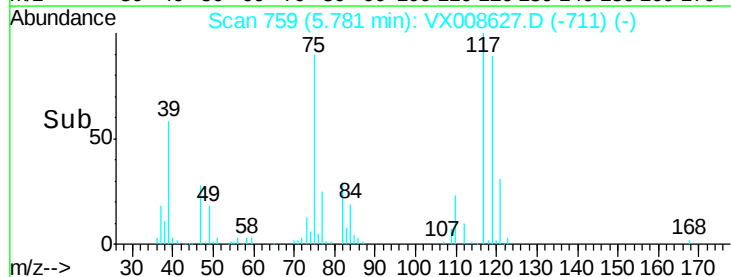
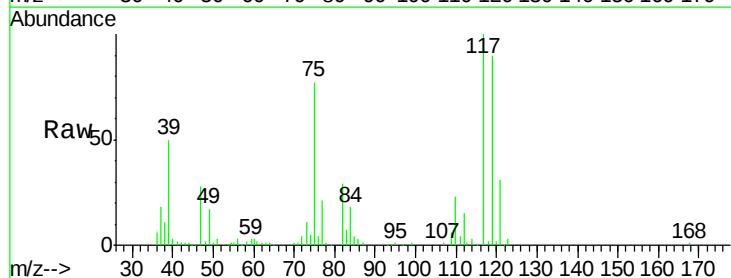
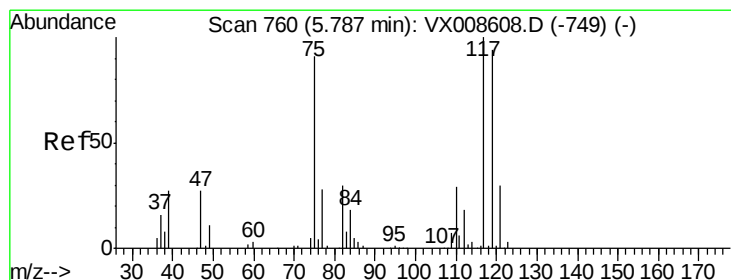
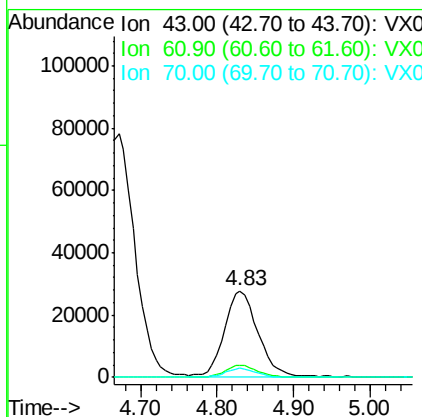
#37
Ethyl Acetate
Concen: 18.258 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tot Ion	43	61	70
Ratio	100	13.2	9.7
Lower		10.3	7.6
Upper		15.5	11.4

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

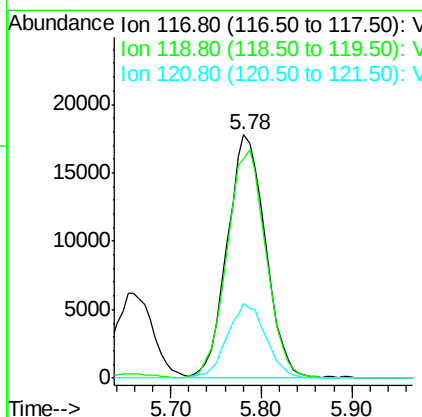
Manual Integrations
APPROVED

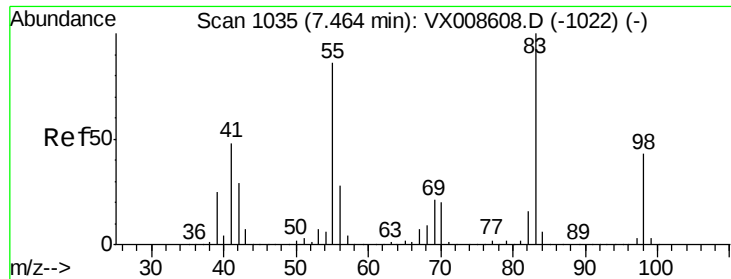
MMDadoda
4/5/2019 11:11:46 AM



#38
Carbon Tetrachloride
Concen: 18.367 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion	117	119	121
Ratio	100	90.0	30.7
Lower		75.0	24.3
Upper		112.6	36.5





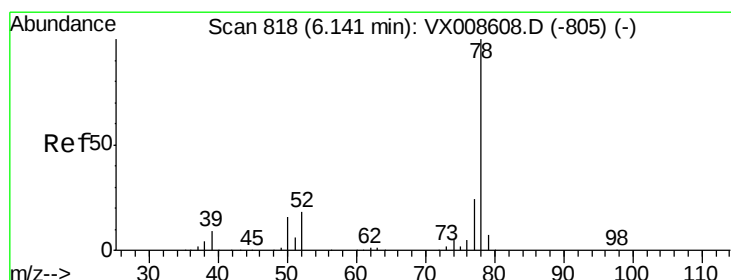
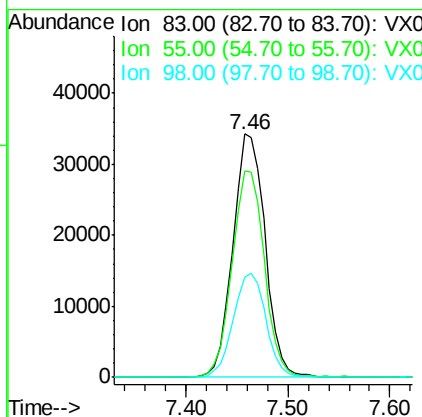
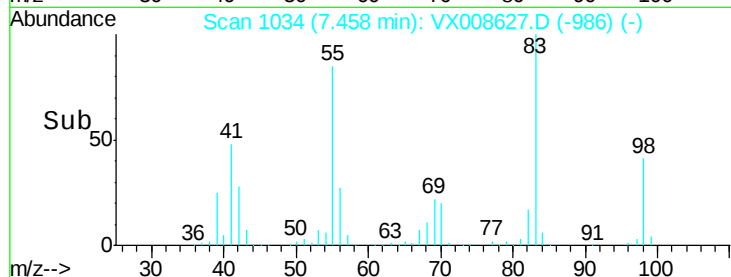
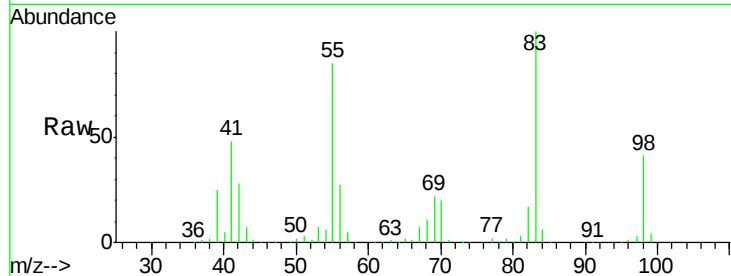
#39
Methvlcvclohexane
Concen: 17.744 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion	83	Resp	74999
Ion Ratio	Lower	Upper	
83	100		
55	84.7	69.0	103.6
98	41.4	34.4	51.6

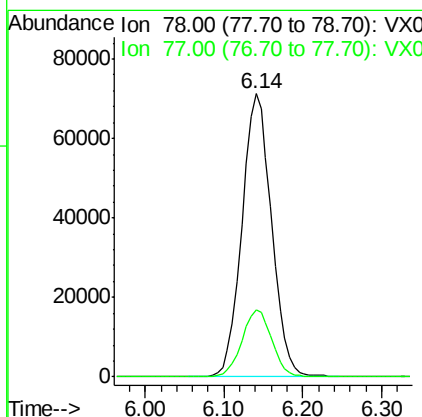
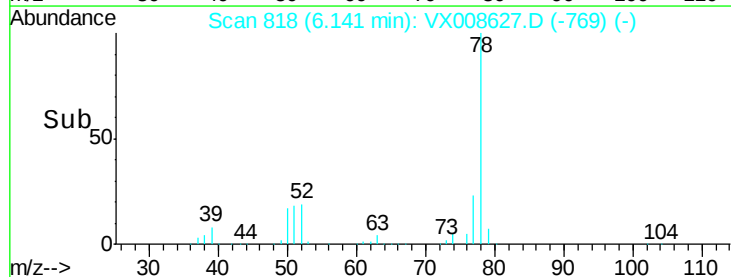
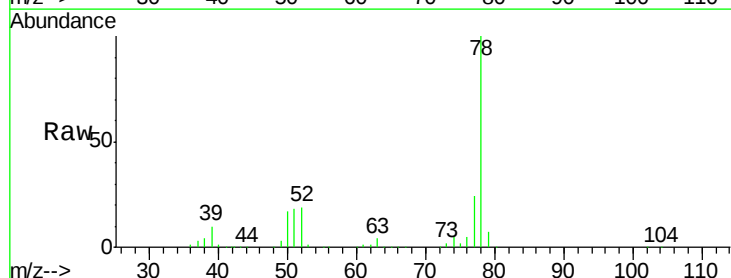
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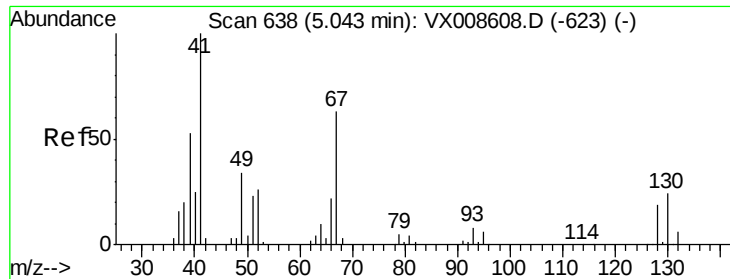
MMDadoda
4/5/2019 11:11:46 AM



#40
Benzene
Concen: 18.247 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion	78	Resp	185995
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.1	28.7





#41

Methacrylonitrile

Concen: 17.510 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

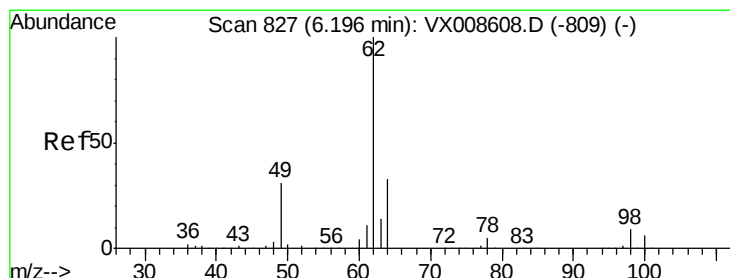
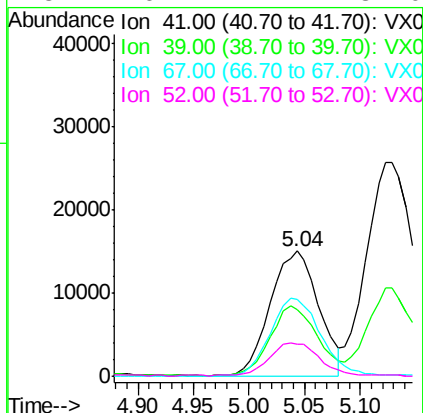
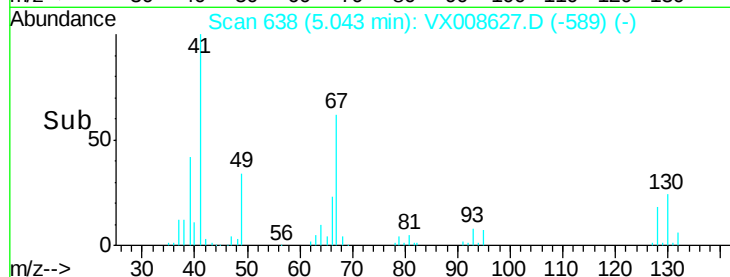
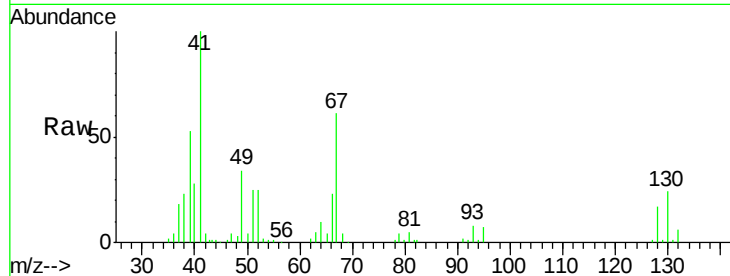
ClientSampleId :

VX0404WBS01

Tot Ion:	41	Resp:	45966
Ion	Ratio	Lower	Upper
41	100		
39	54.7	42.1	63.1
67	64.8	51.0	76.6
52	26.7	21.4	32.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 17.944 ug/l

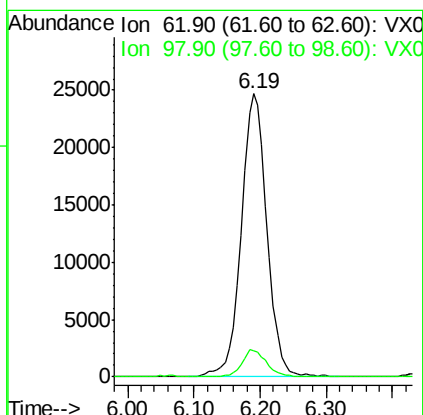
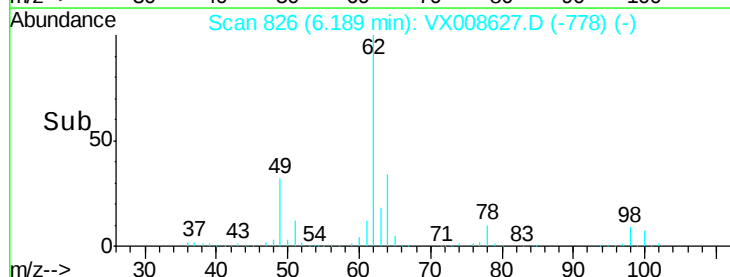
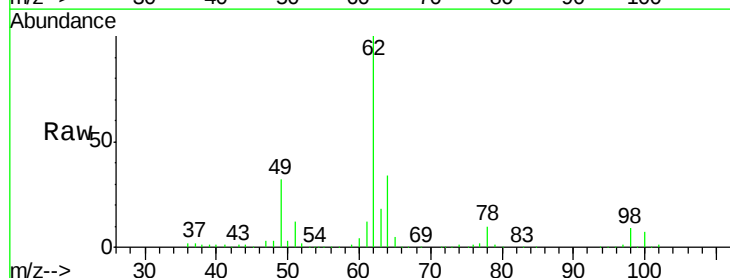
RT: 6.19 min Scan# 826

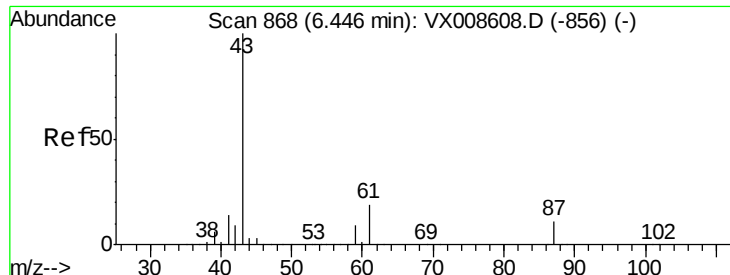
Delta R.T. -0.01 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Tgt Ion:	62	Resp:	65570
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0





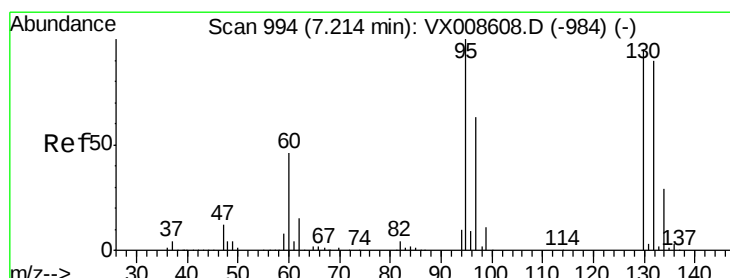
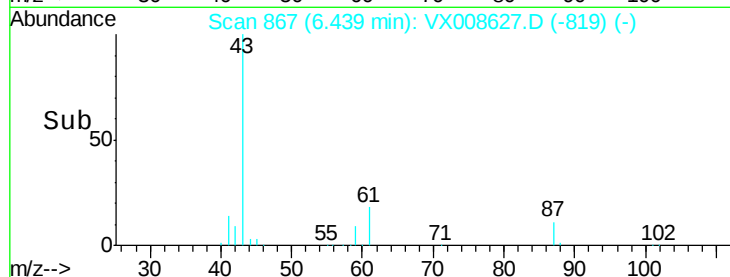
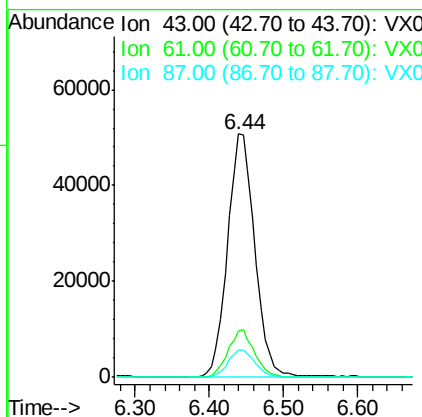
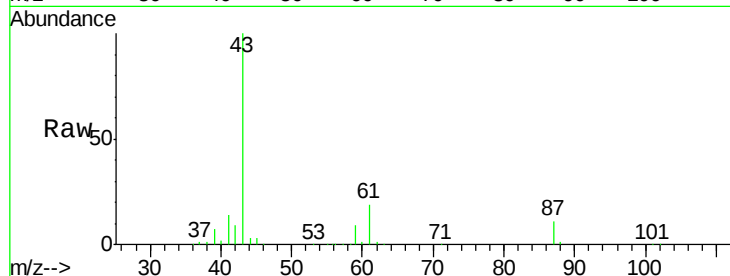
#43
Isopropyl Acetate
Concen: 18.119 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.3	22.9
87	11.4	9.0	13.6

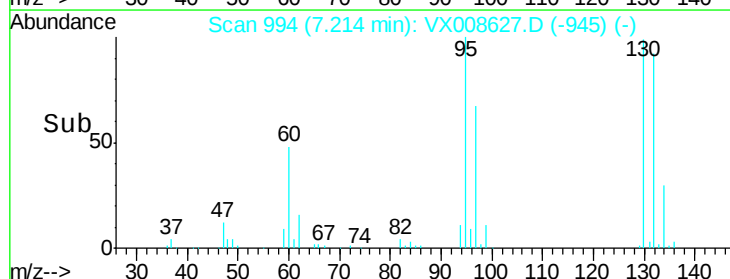
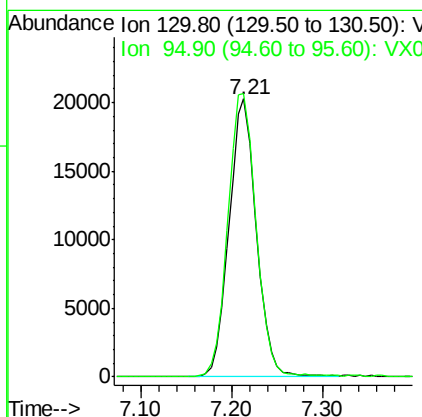
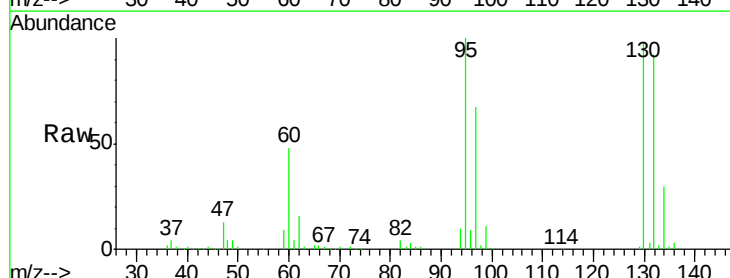
Manual Integrations
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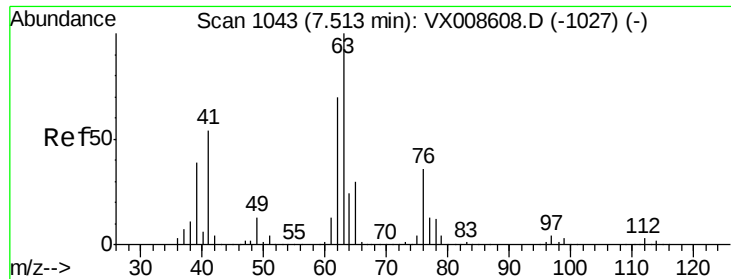
MMDadoda
4/5/2019 11:11:46 AM



#44
Trichloroethene
Concen: 17.848 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	209.8





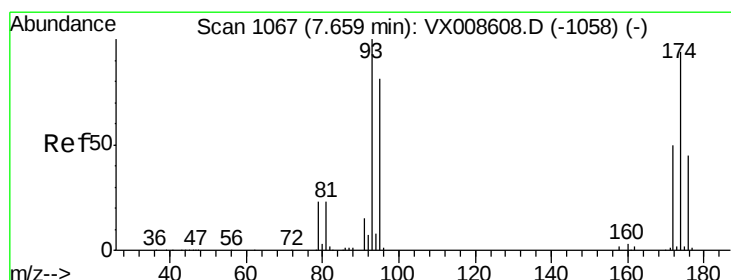
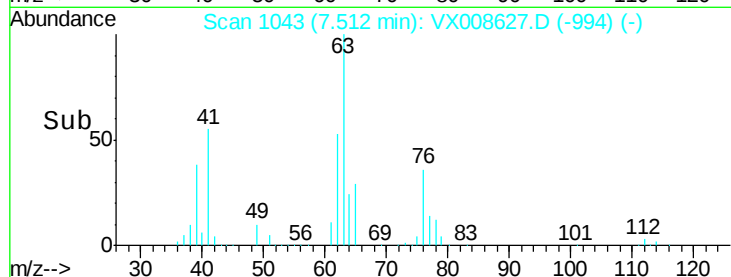
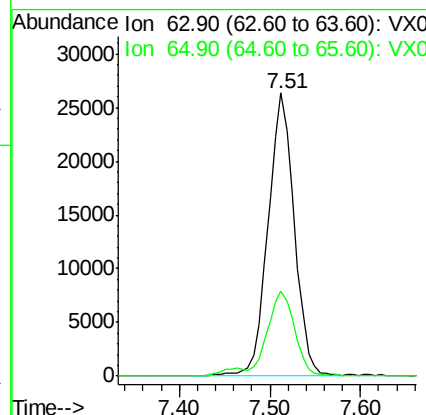
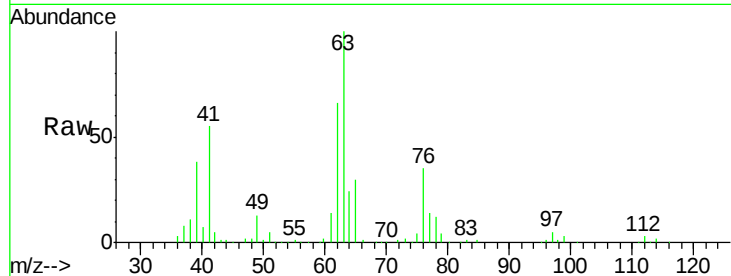
#45
 1,2-Dichloropropane
 Concen: 18.164 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

Tot Ion: 63 Resp: 52845
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.2 36.4

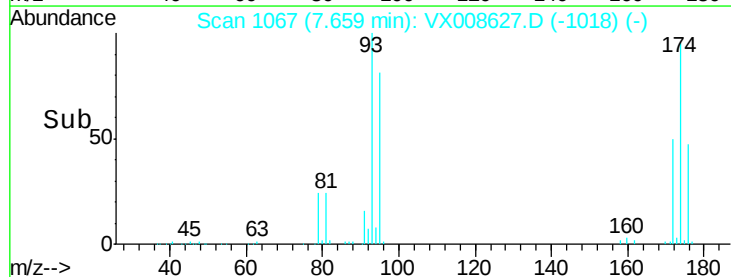
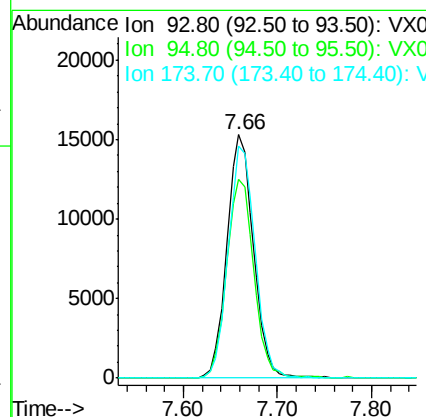
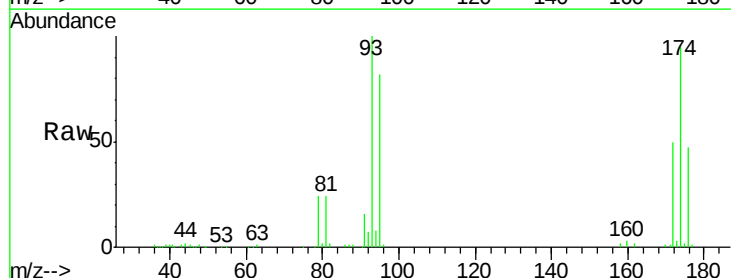
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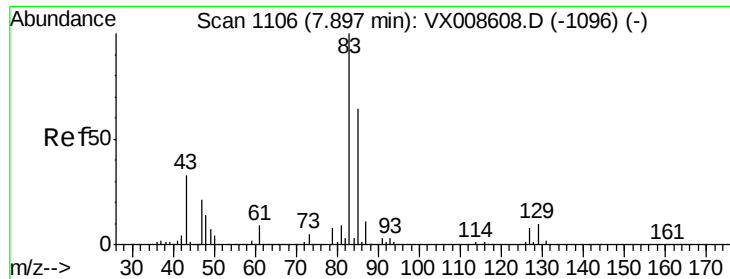
MMDadoda
 4/5/2019 11:11:46 AM



#46
 Dibromomethane
 Concen: 17.717 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Tgt Ion: 93 Resp: 29895
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.6 99.8
 174 96.7 77.7 116.5





#47

Bromodichloromethane

Concen: 18.270 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

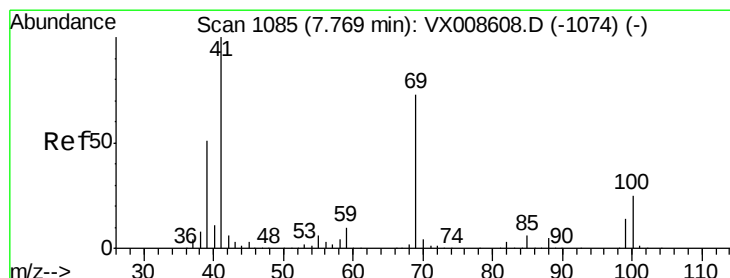
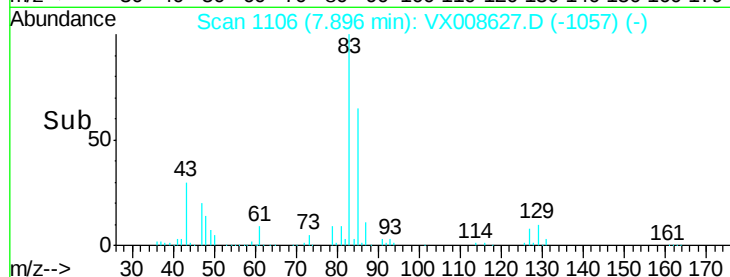
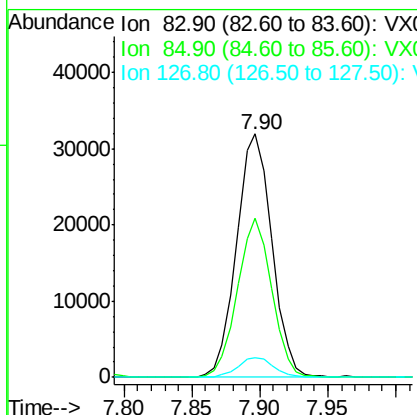
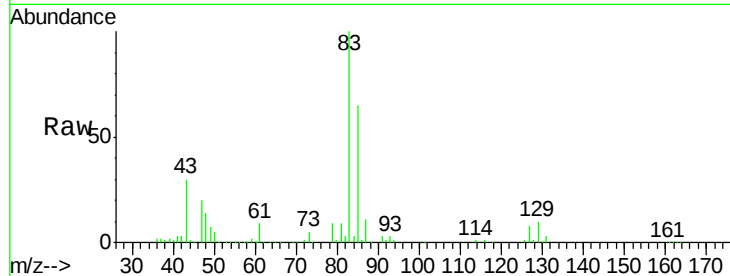
ClientSampleId :

VX0404WBS01

Tot Ion:	83	Resp:	58126
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.2	76.8
127	8.2	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.132 ug/l

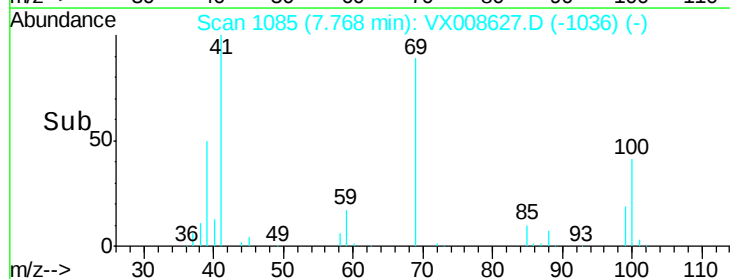
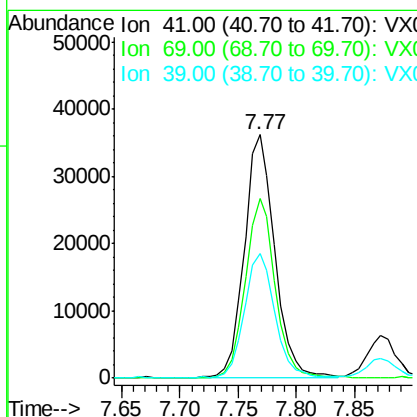
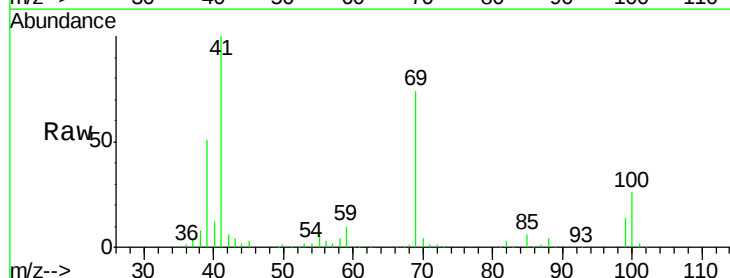
RT: 7.77 min Scan# 1085

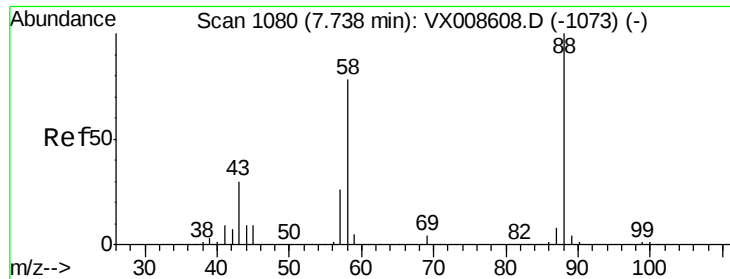
Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Tgt Ion:	41	Resp:	65617
Ion	Ratio	Lower	Upper
41	100		
69	73.5	59.0	88.4
39	51.6	41.0	61.4





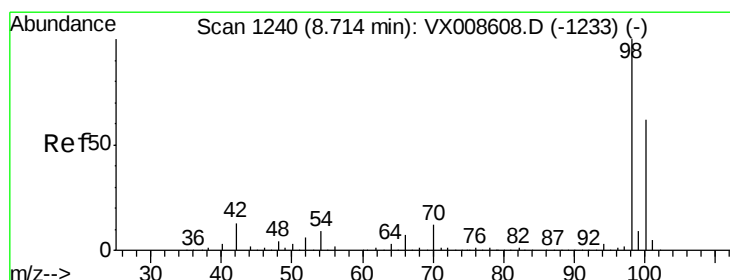
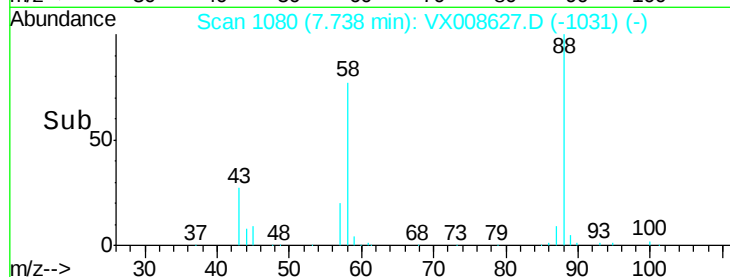
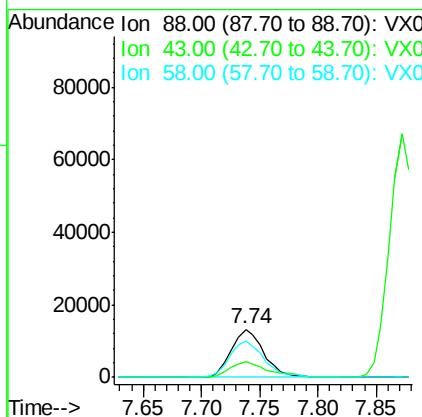
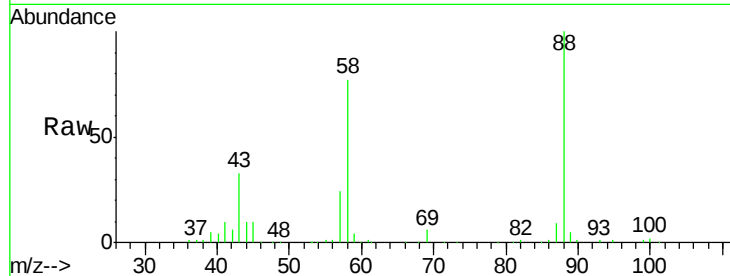
#49
1,4-Dioxane
Concen: 375.851 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.6	28.6	43.0
58	82.4	62.2	93.2

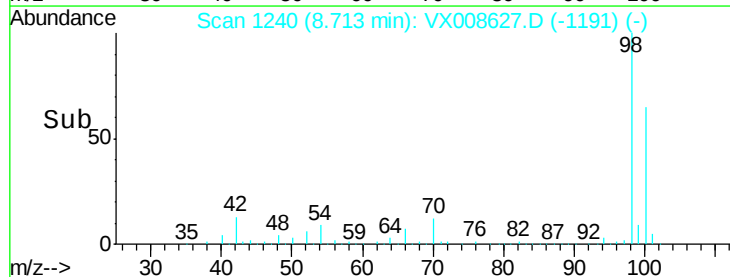
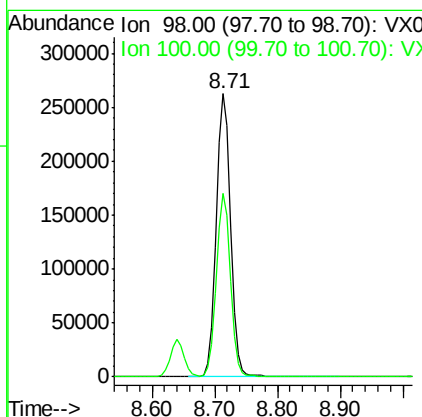
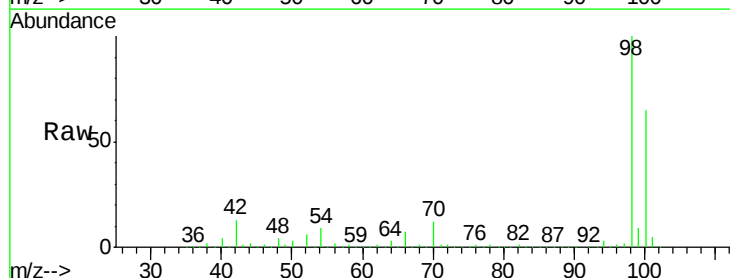
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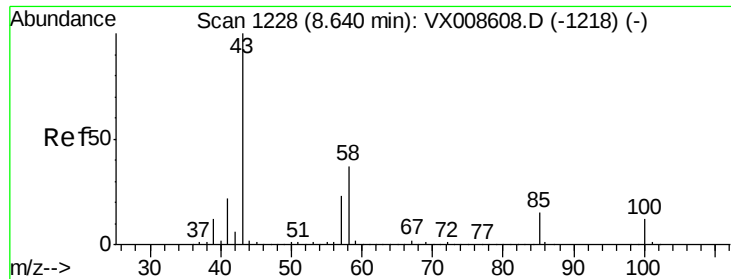
MMDadoda
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#50
Toluene-d8
Concen: 51.958 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 92.689 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tot Ion: 43 Resp: 426867

Ion Ratio Lower Upper

43 100

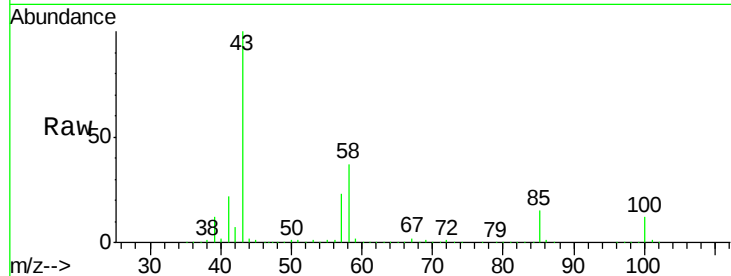
58 37.1 29.5 44.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

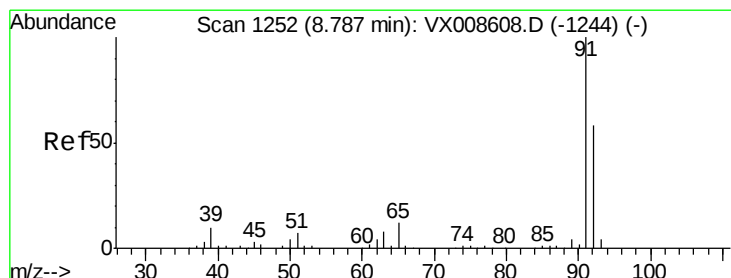
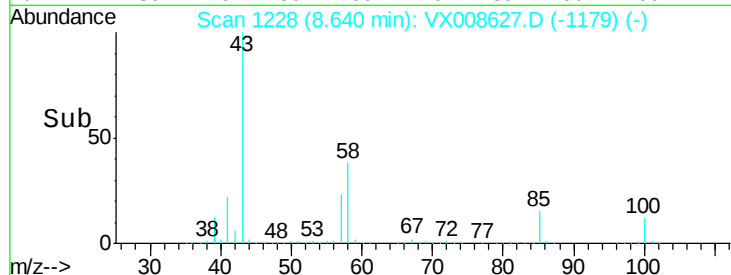
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.600 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008627.D

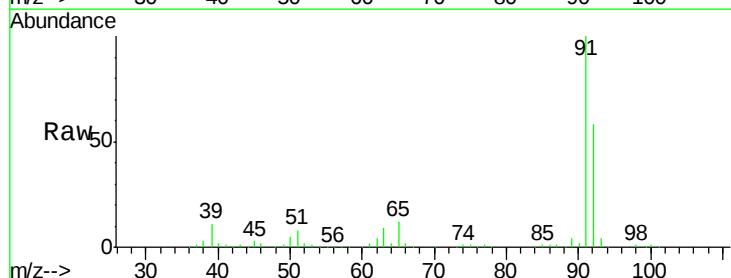
Acq: 04 Apr 2019 11:51

Tgt Ion: 92 Resp: 111776

Ion Ratio Lower Upper

92 100

91 173.1 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

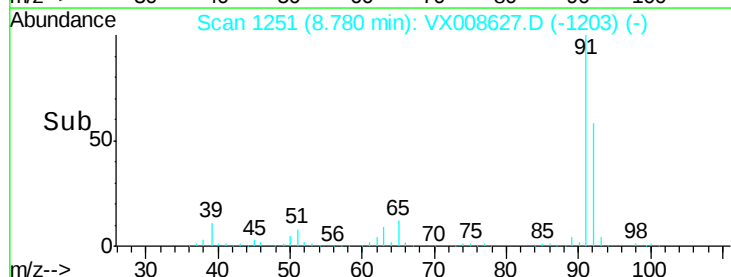
8.78

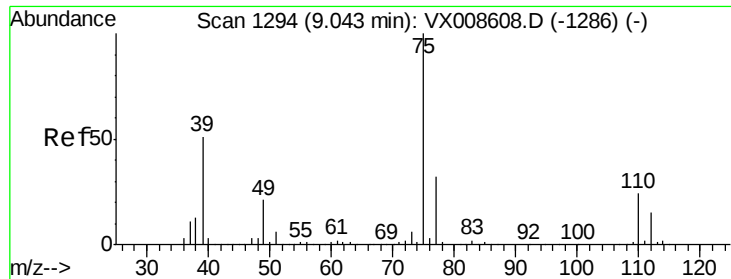
100000

50000

0

Time-->





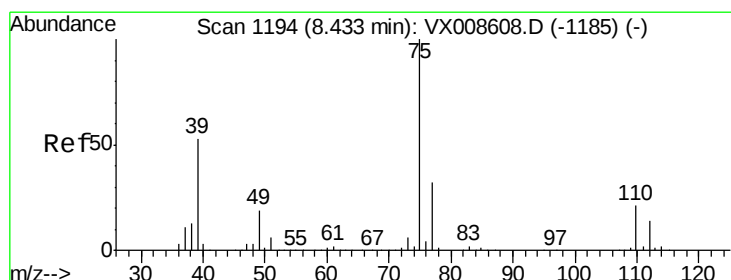
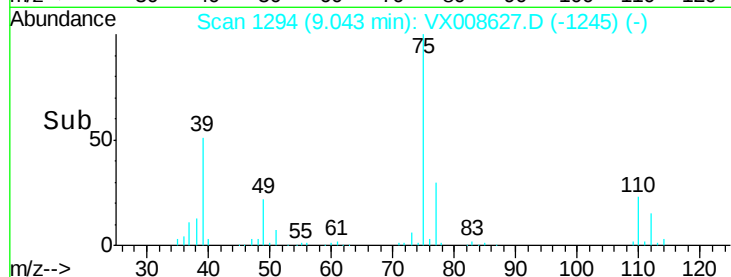
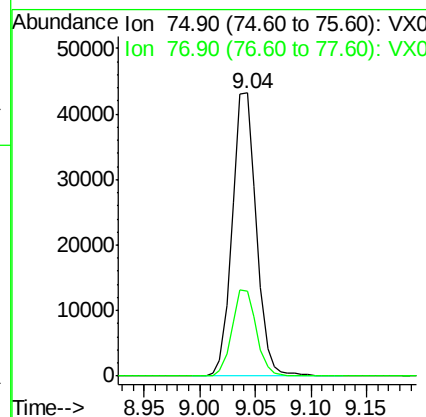
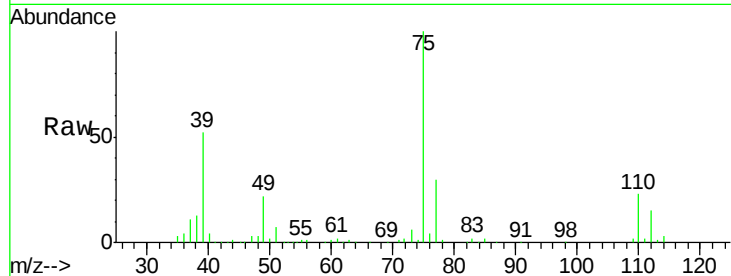
#53
t-1,3-Dichloropropene
Concen: 18.155 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion: 75 Resp: 64703
Ion Ratio Lower Upper
75 100
77 30.1 25.2 37.8

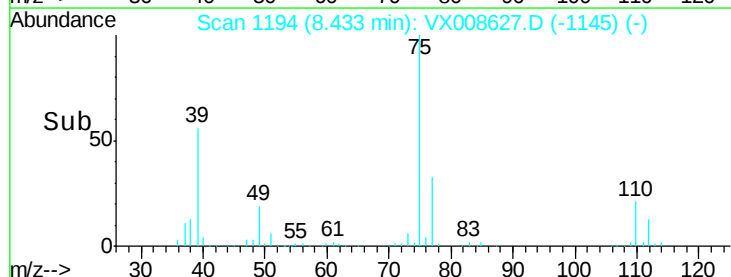
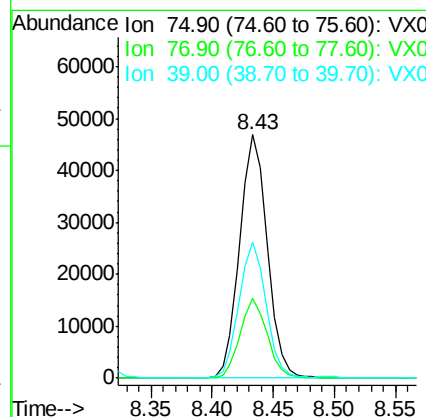
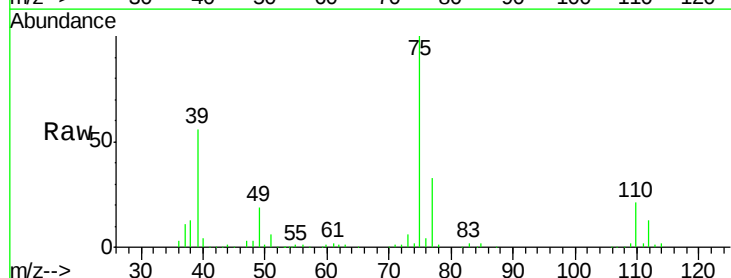
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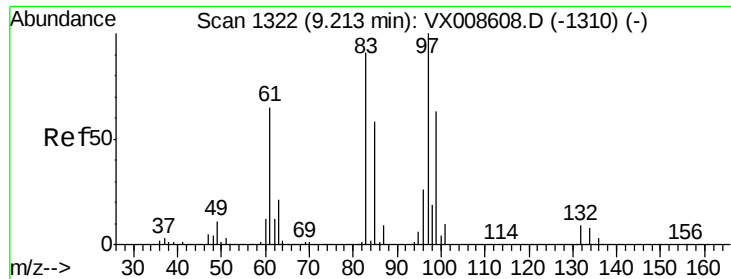
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.016 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion: 75 Resp: 73364
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
39 55.8 42.6 63.8





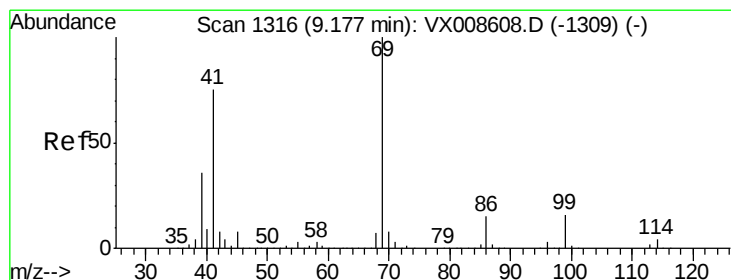
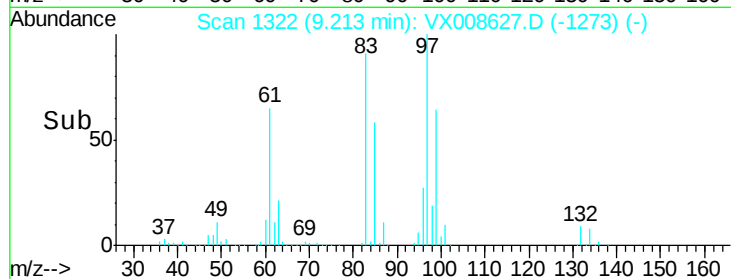
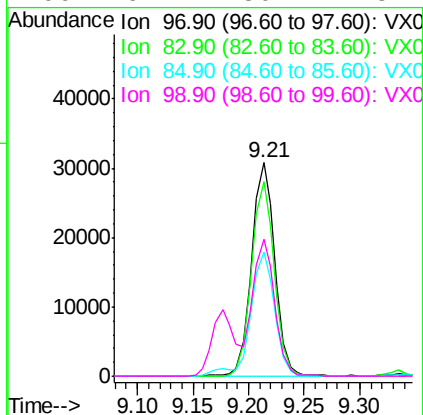
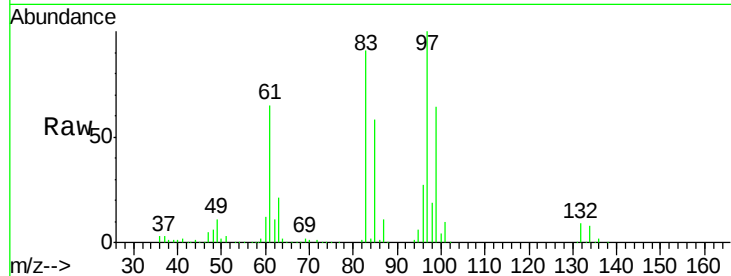
#55
 1,1,2-Trichloroethane
 Concen: 18.577 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tot Ion:	97	Resp:	44811
Ion	Ratio	Lower	Upper
97	100		
83	91.4	73.2	109.8
85	57.9	46.6	69.8
99	64.4	50.1	75.1

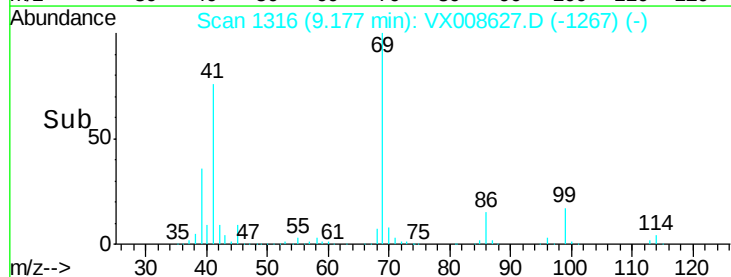
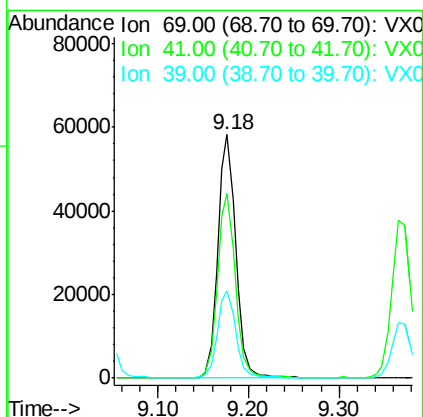
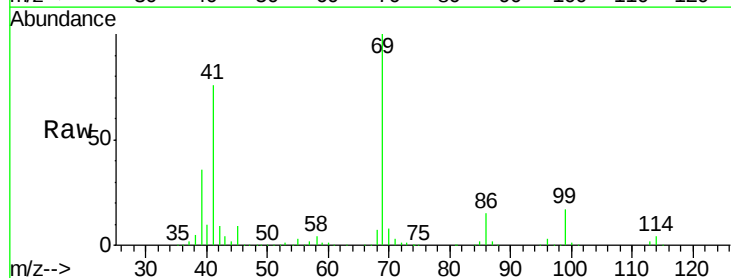
Manual Integrations
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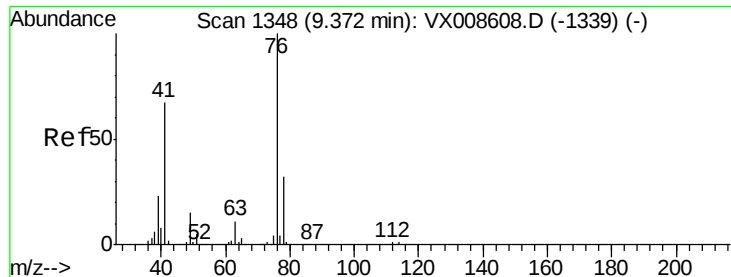
MMDadoda
 4/5/2019 11:11:46 AM



#56
 Ethyl methacrylate
 Concen: 18.577 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Tgt Ion:	69	Resp:	81078
Ion	Ratio	Lower	Upper
69	100		
41	75.6	60.1	90.1
39	36.2	28.9	43.3





#57

1,3-Dichloropropane

Concen: 18.446 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tot Ion: 76 Resp: 79897

Ion Ratio Lower Upper

76 100

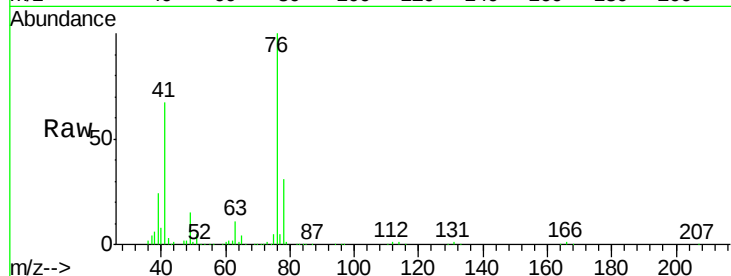
78 32.2 25.6 38.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

60000

50000

40000

30000

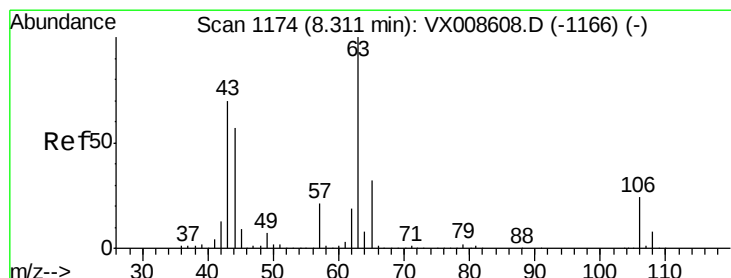
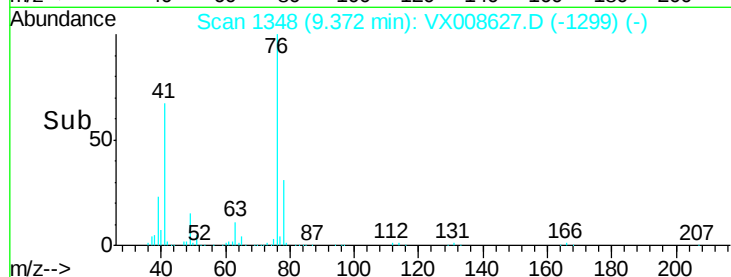
20000

10000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 94.564 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008627.D

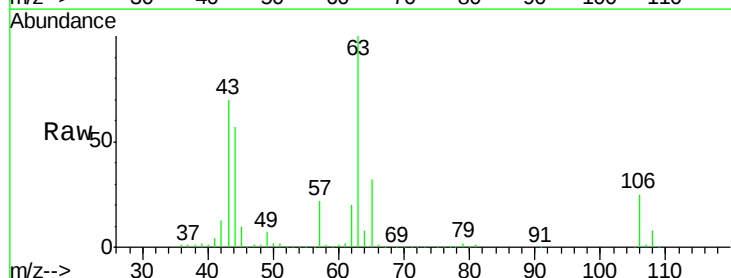
Acq: 04 Apr 2019 11:51

Tgt Ion: 63 Resp: 210740

Ion Ratio Lower Upper

63 100

106 23.5 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

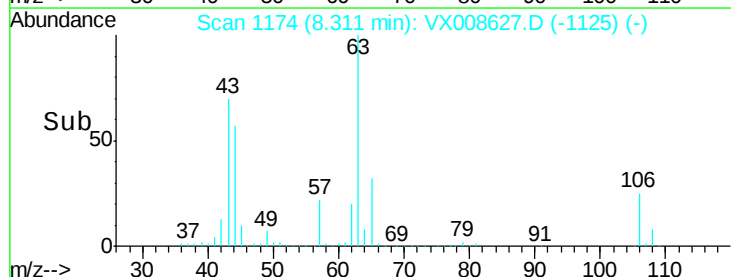
100000

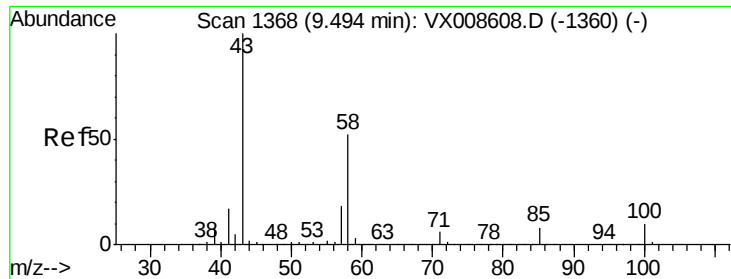
50000

0

8.20 8.30 8.40

Time-->





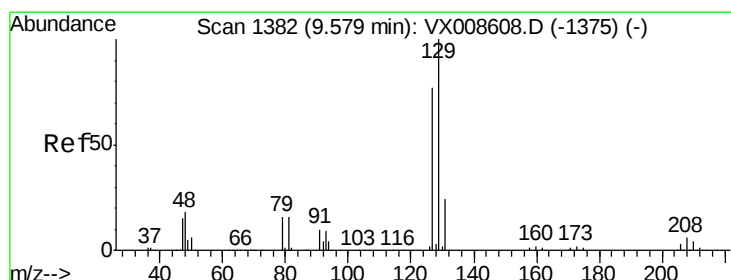
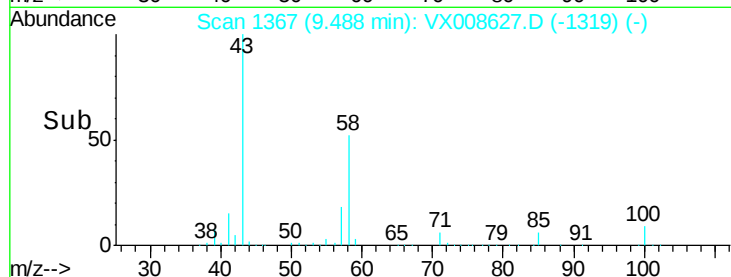
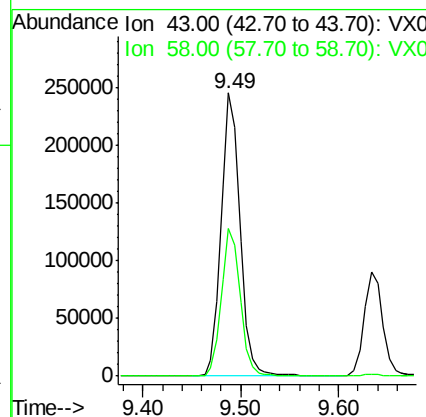
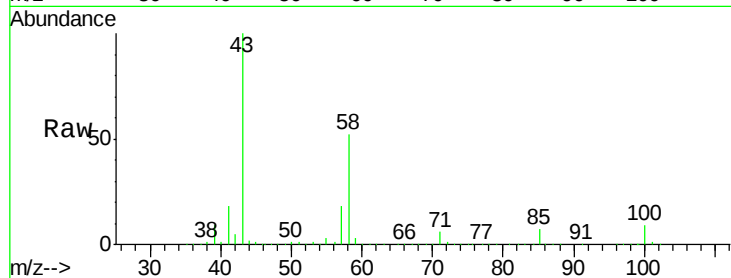
#59
2-Hexanone
Concen: 92.667 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion: 43 Resp: 331661
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.7

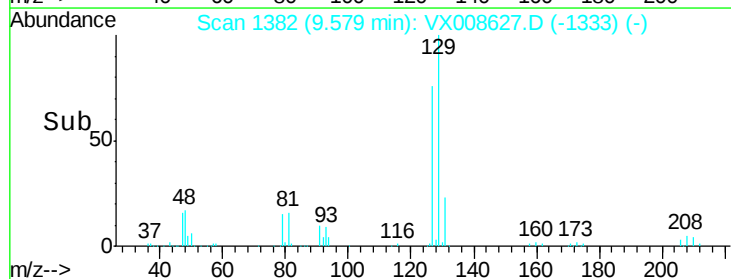
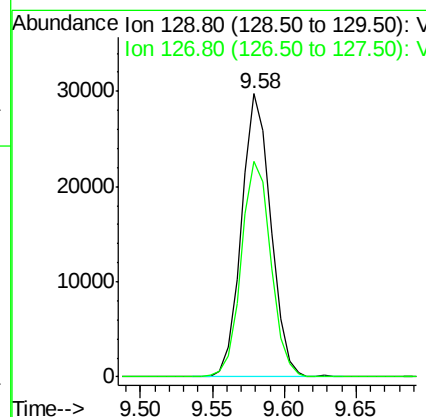
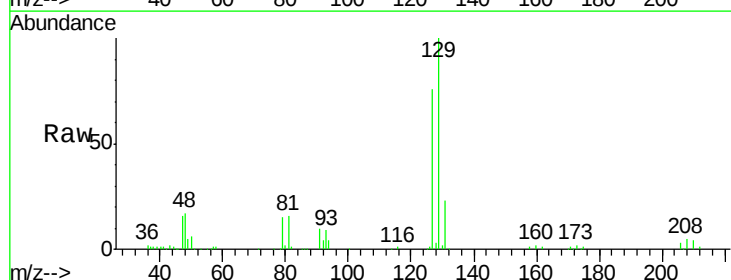
Manual Integrations
APPROVED

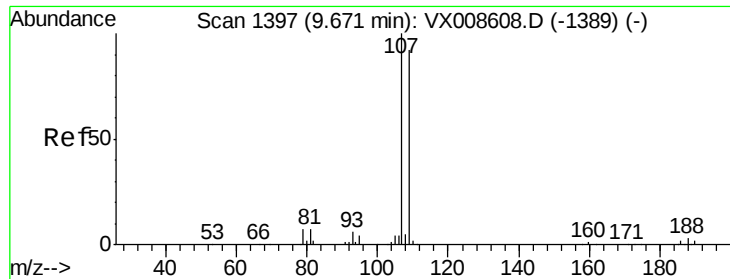
MMDadoda
4/5/2019 11:11:46 AM



#60
Dibromochloromethane
Concen: 18.477 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion: 129 Resp: 41998
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





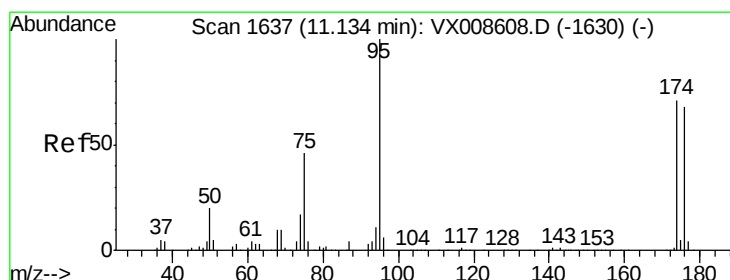
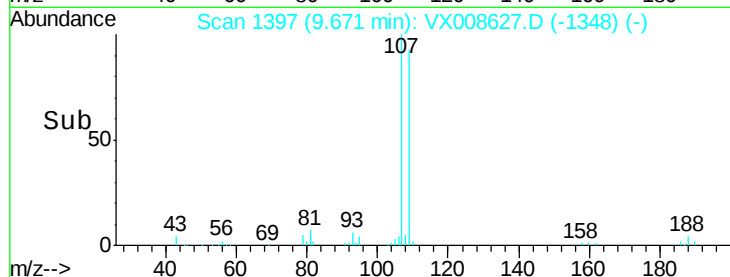
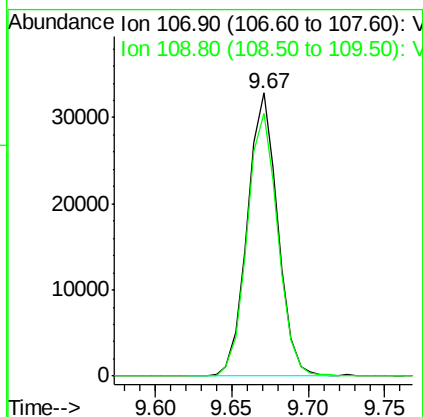
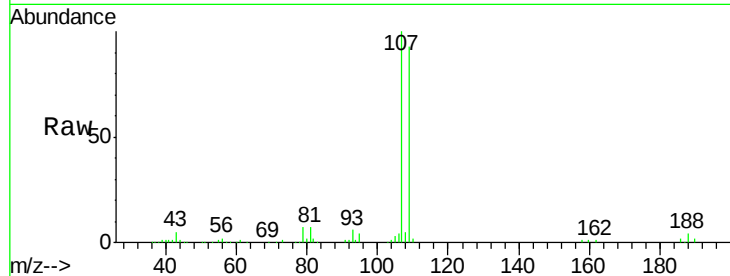
#61
 1,2-Dibromoethane
 Concen: 18.049 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tot Ion:107 Resp: 45324
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.1 111.1

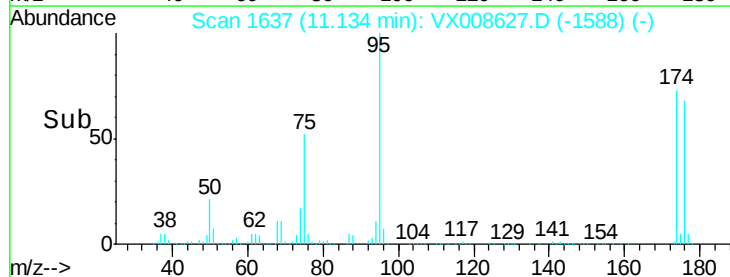
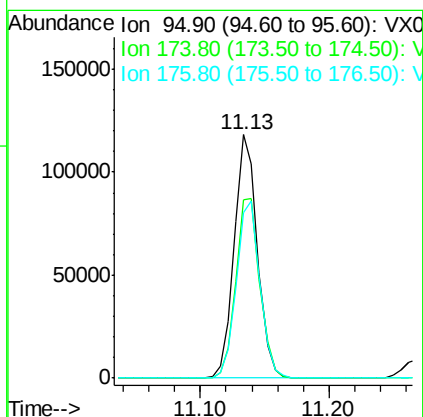
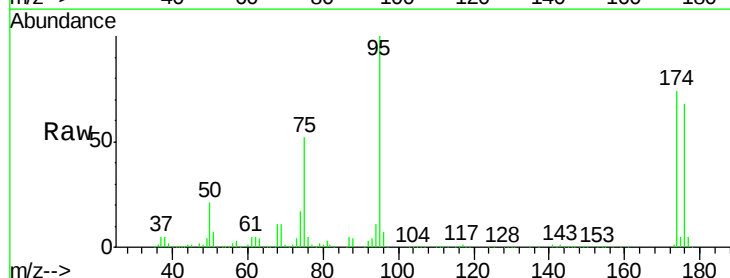
Manual Integrations
 APPROVED

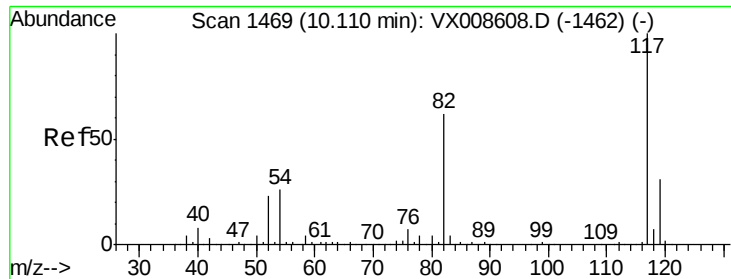
MMDadoda
 4/5/2019 11:11:46 AM



#62
 4-Bromofluorobenzene
 Concen: 52.482 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Tgt Ion: 95 Resp: 148301
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 151.8
 176 73.8 0.0 145.8





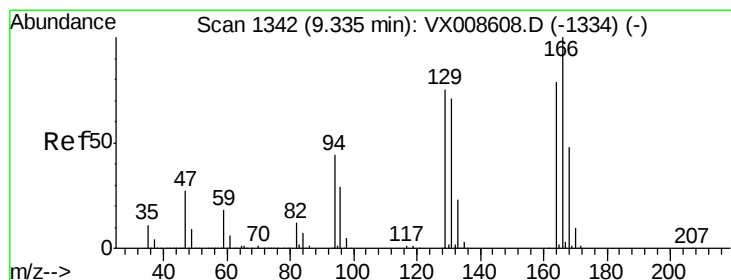
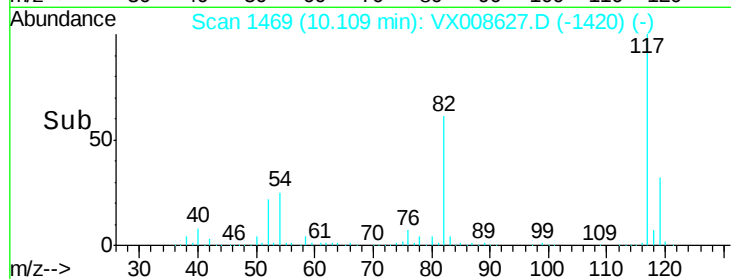
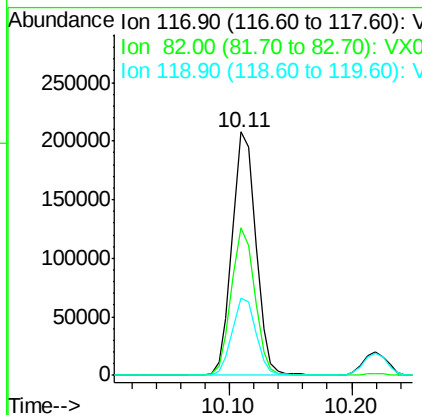
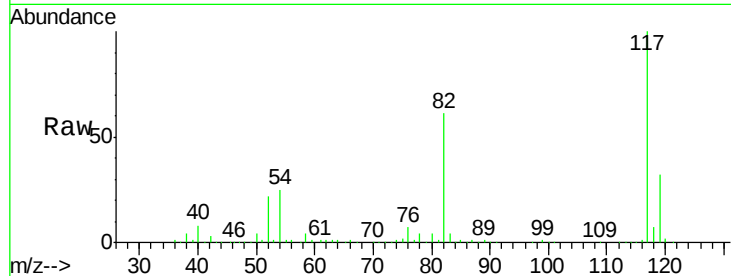
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.5	49.6	74.4
119	31.6	25.0	37.4

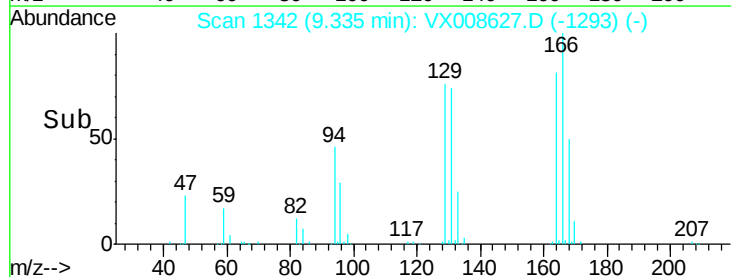
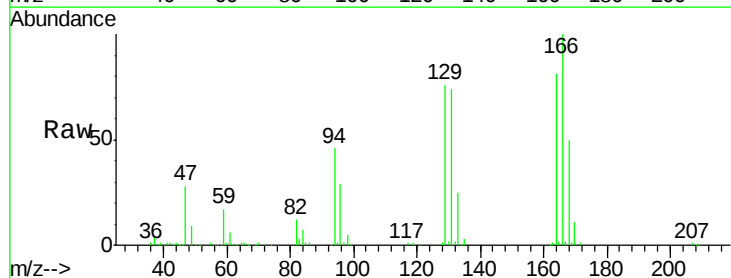
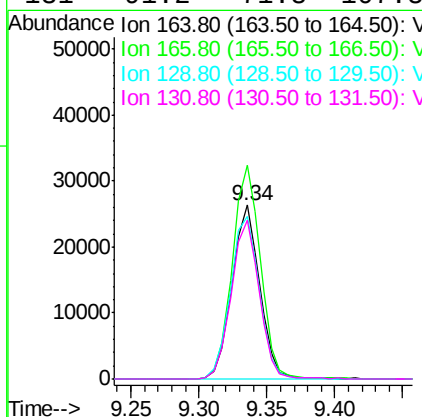
Manual Integrations
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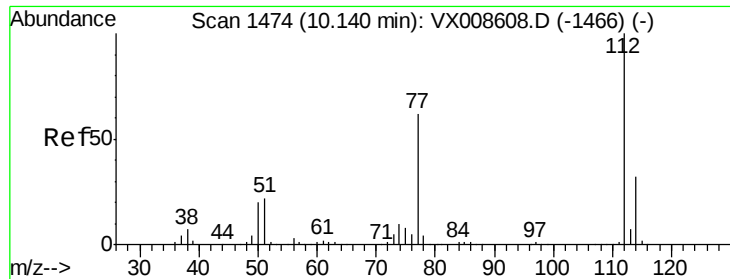
MMDadoda
4/5/2019 11:11:46 AM



#64
Tetrachloroethene
Concen: 17.985 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.1	101.0	151.6
129	93.6	75.8	113.8
131	91.2	71.8	107.8





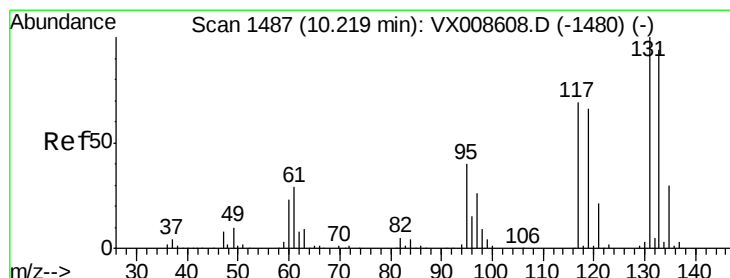
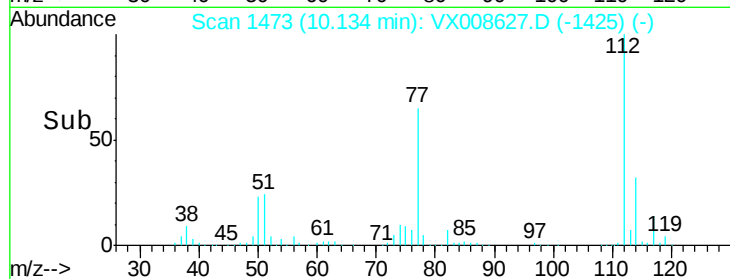
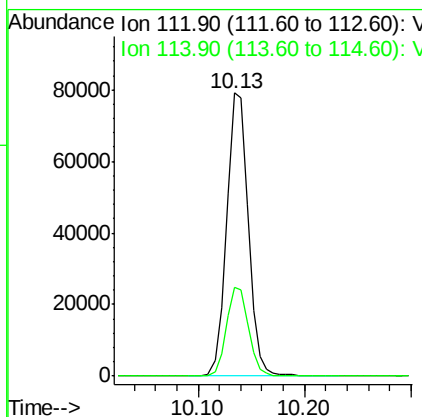
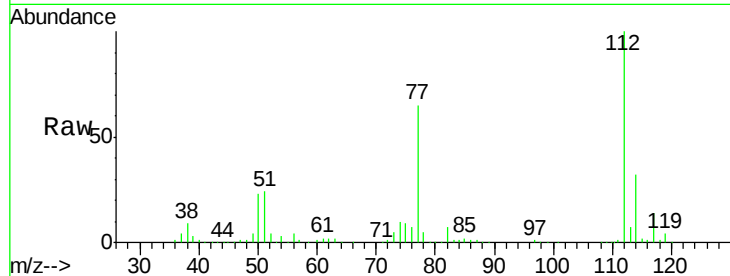
#65
Chlorobenzene
Concen: 18.227 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion:112 Resp: 113089
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8

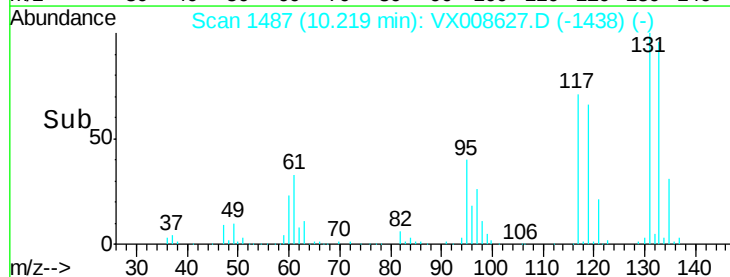
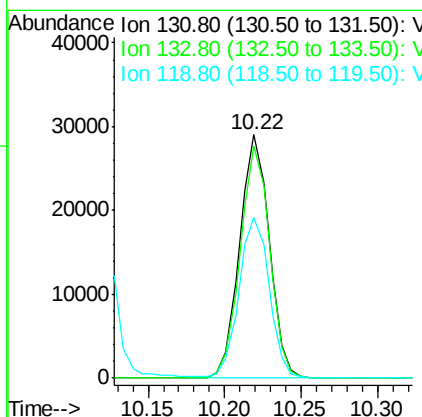
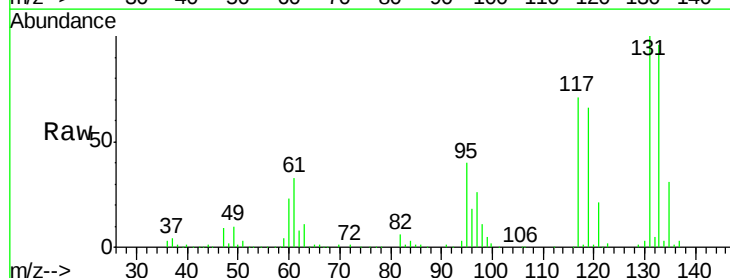
Manual Integrations
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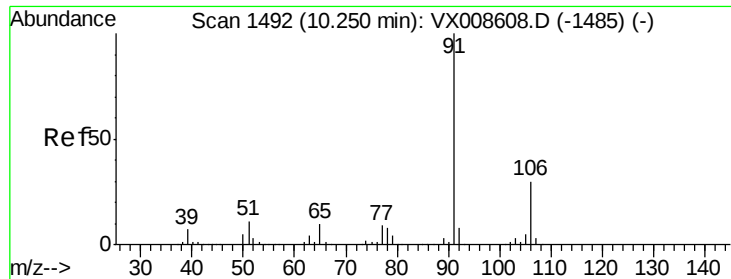
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.003 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion:131 Resp: 39185
Ion Ratio Lower Upper
131 100
133 94.7 47.0 141.2
119 67.4 33.7 101.0





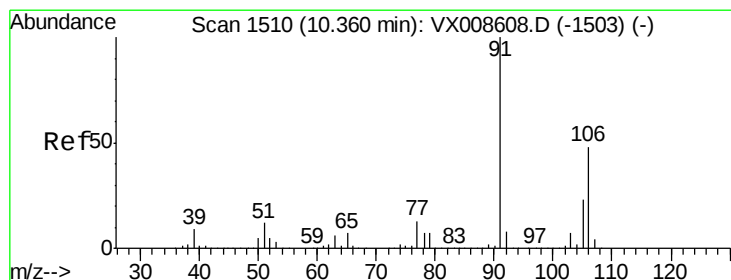
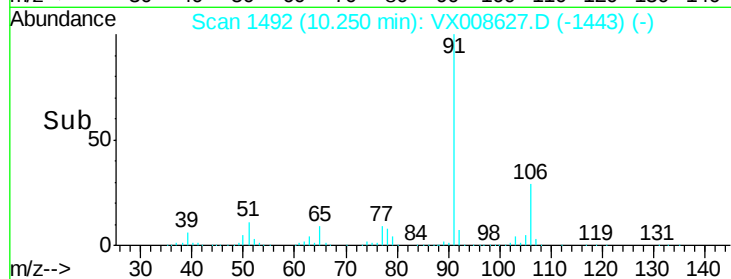
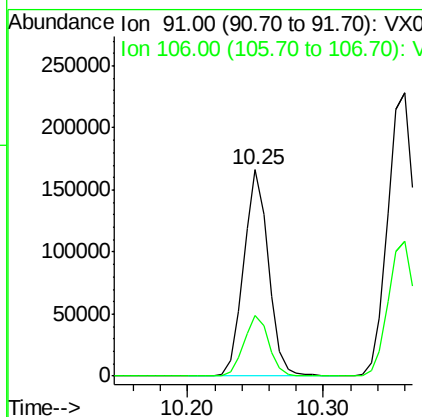
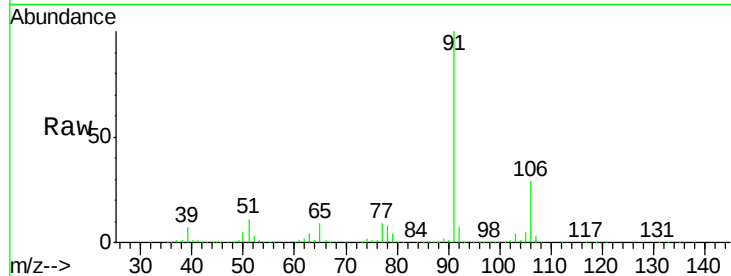
#67
Ethyl Benzene
Concen: 18.275 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion: 91 Resp: 211429
Ion Ratio Lower Upper
91 100
106 29.1 23.7 35.5

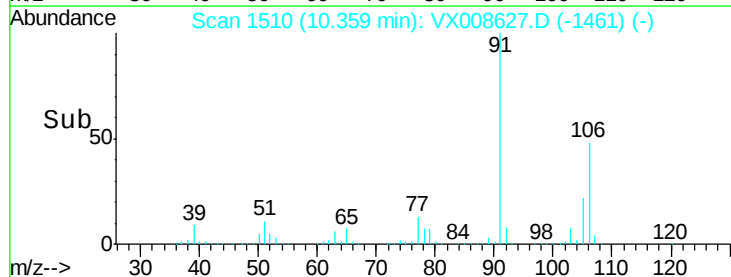
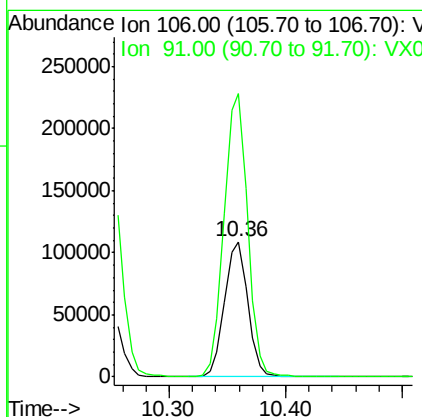
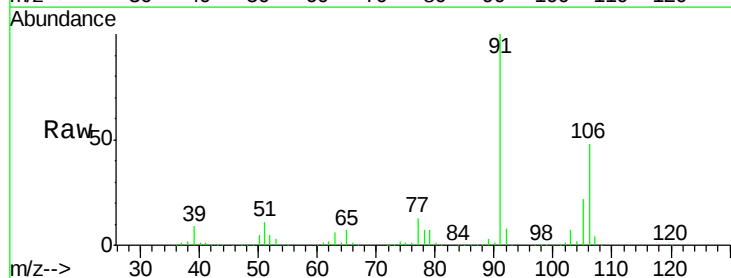
Manual Integrations
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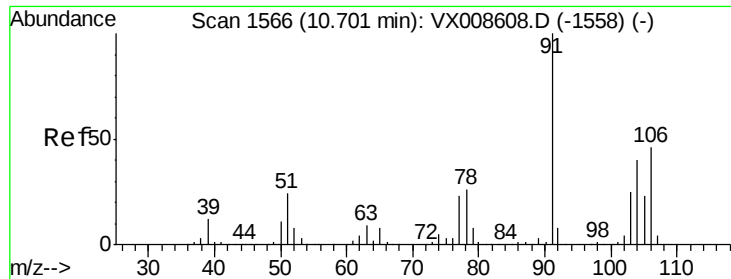
MMDadoda
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#68
m/p-Xylenes
Concen: 36.279 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion: 106 Resp: 150910
Ion Ratio Lower Upper
106 100
91 212.5 168.5 252.7





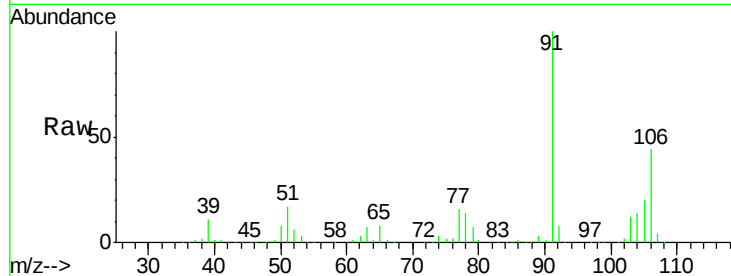
#69
o-Xylene
Concen: 18.440 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

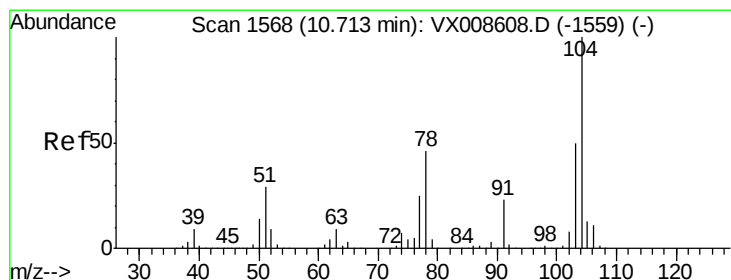
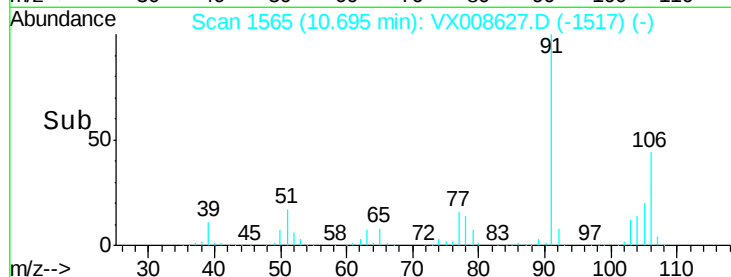
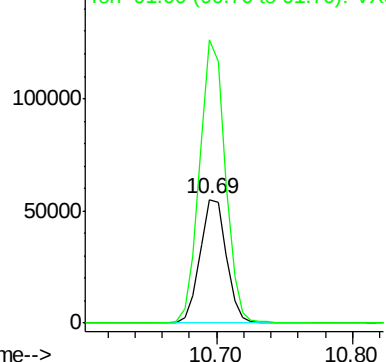
Tot Ion:106 Resp: 74337
Ion Ratio Lower Upper
106 100
91 223.5 111.5 334.4

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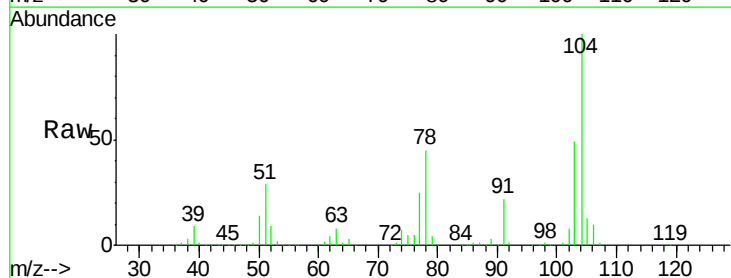


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

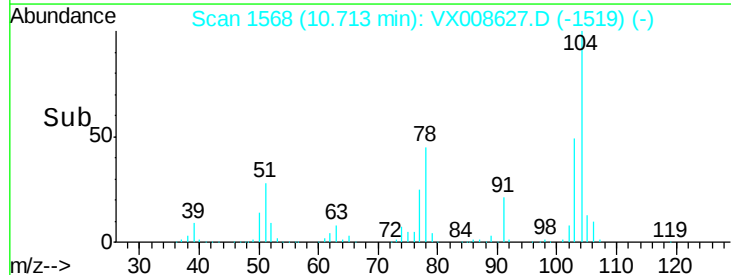
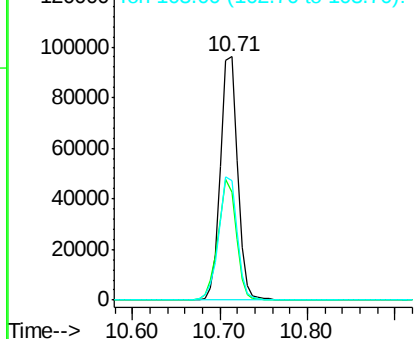


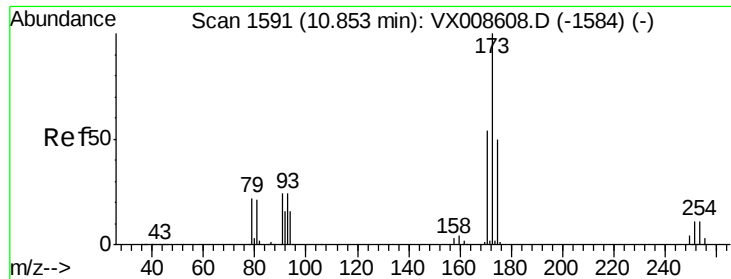
#70
Styrene
Concen: 18.638 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion:104 Resp: 129513
Ion Ratio Lower Upper
104 100
78 53.0 42.3 63.5
103 54.9 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.867 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tot Ion:173 Resp: 29702

Ion Ratio Lower Upper

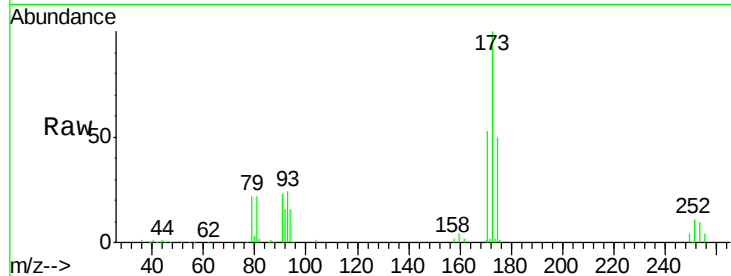
173 100

175 48.5 24.9 74.6

254 0.0 0.1 0.1#

Manual Integrations
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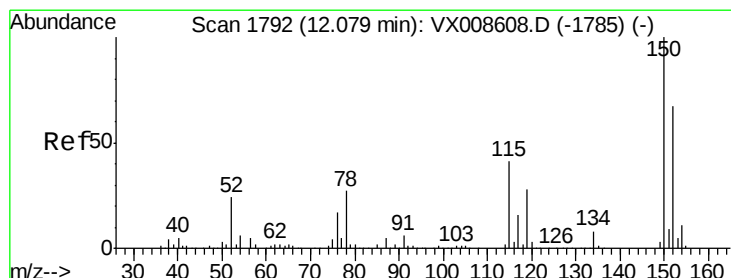
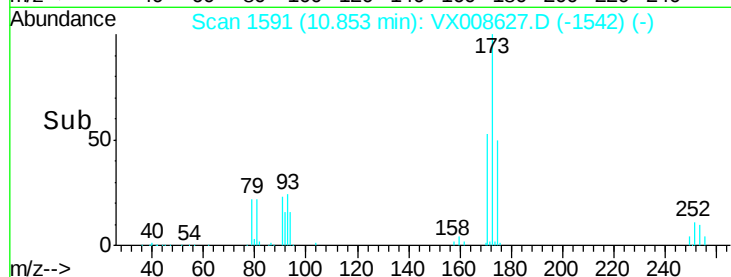
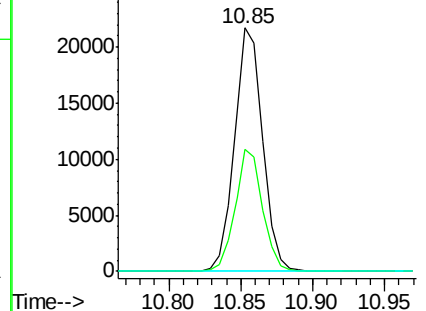
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

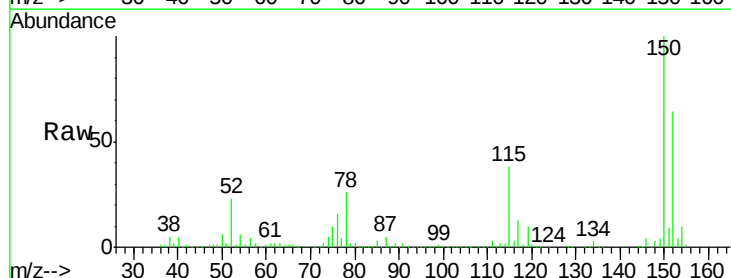
Tgt Ion:152 Resp: 128305

Ion Ratio Lower Upper

152 100

115 70.4 43.5 130.5

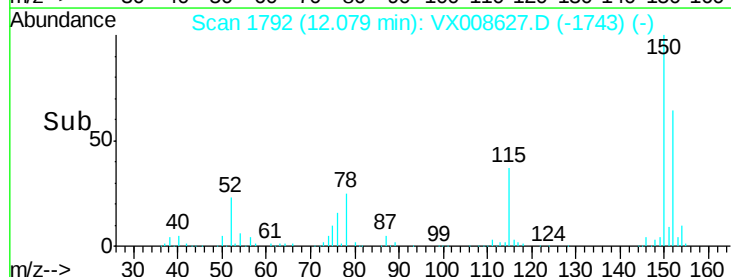
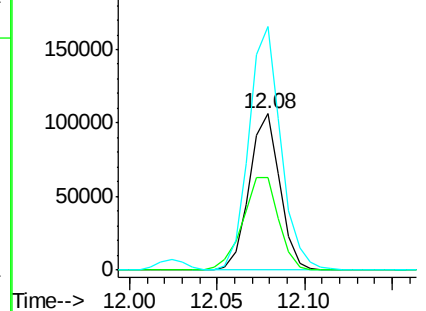
150 163.6 0.0 348.8

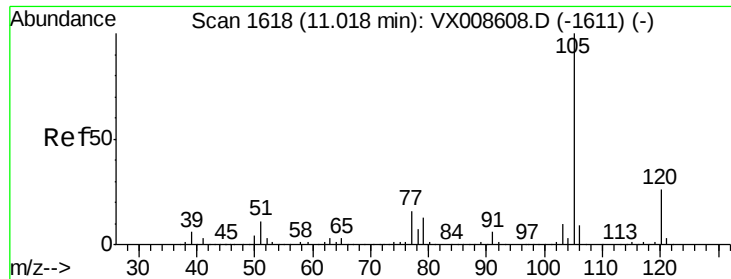


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.449 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion: 105 Resp: 196170

Ion Ratio Lower Upper

105 100

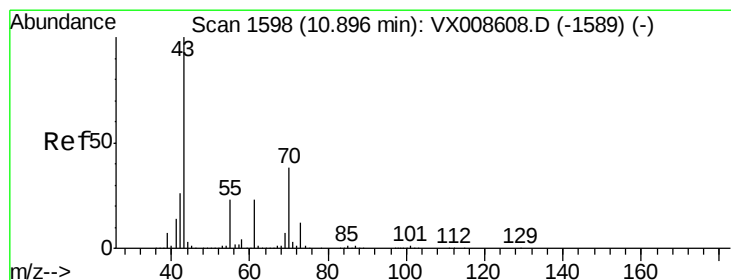
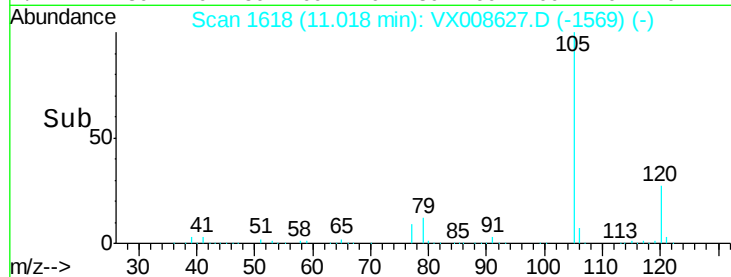
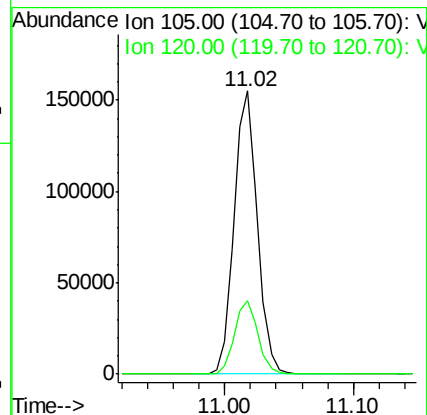
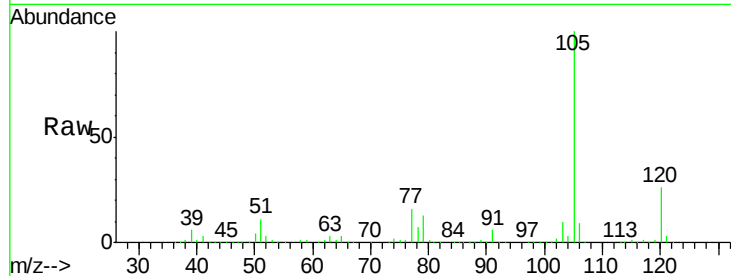
120 26.0 12.9 38.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.315 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Tgt Ion: 43 Resp: 114576

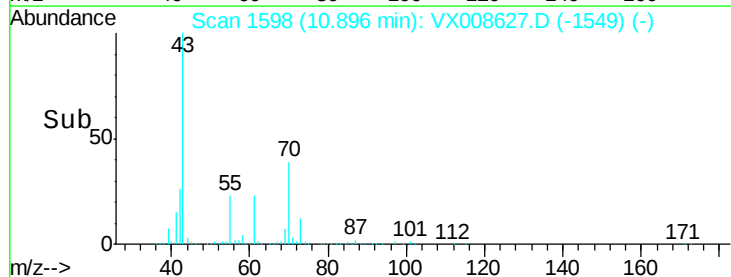
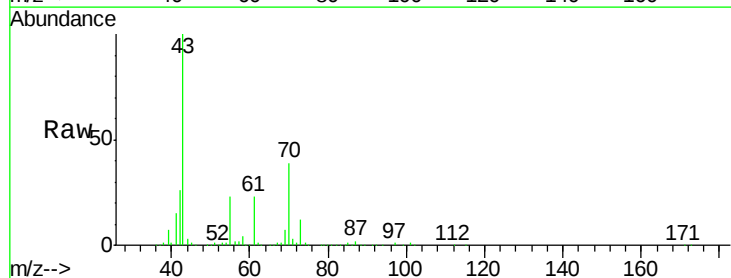
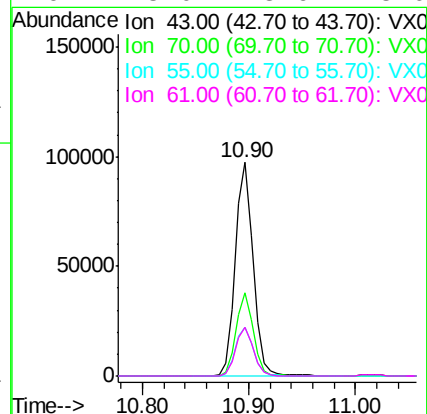
Ion Ratio Lower Upper

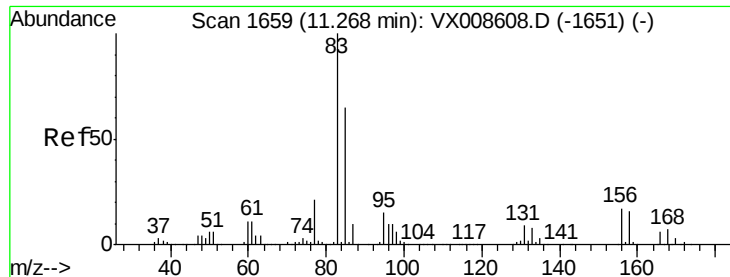
43 100

70 38.2 30.2 45.4

55 23.5 18.2 27.4

61 23.0 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.324 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

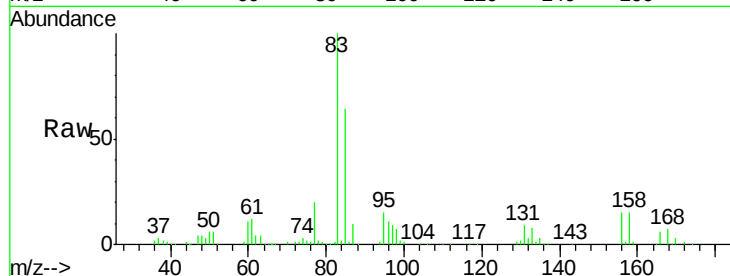
ClientSampleId :

VX0404WBS01

Tot Ion:	83	Resp:	74102
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.5	13.7
85	63.8	32.0	96.2

Manual Integrations
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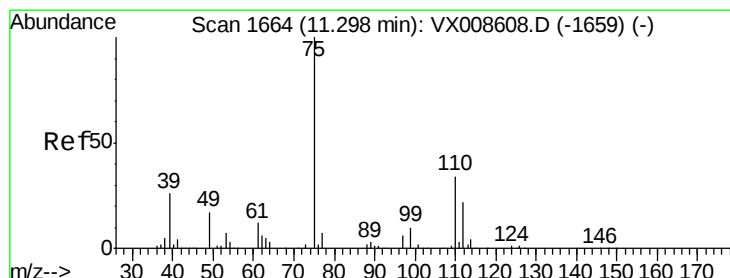
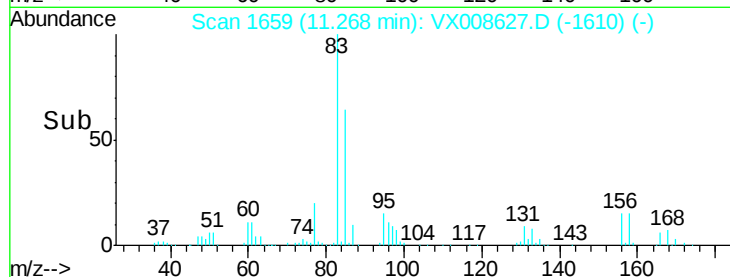
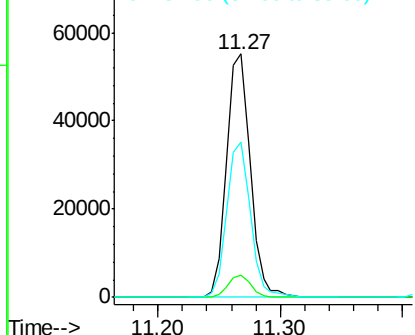
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 18.196 ug/l m

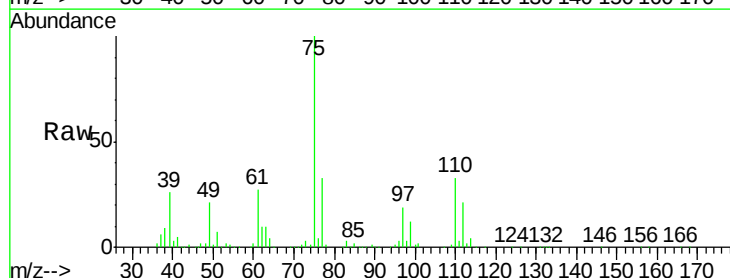
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008627.D

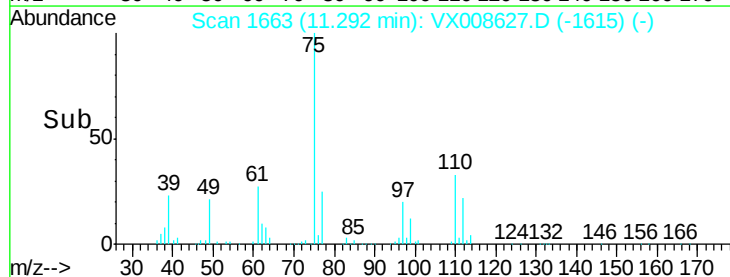
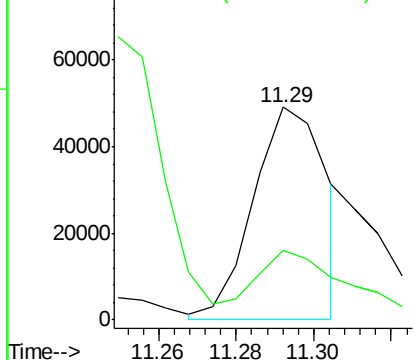
Acq: 04 Apr 2019 11:51

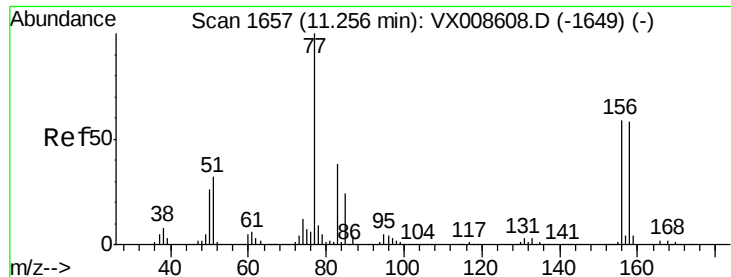
Tgt Ion:	75	Resp:	64135
Ion Ratio	Lower	Upper	
75	100		
77	42.2	22.3	66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.276 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tot Ion:156 Resp: 46718

Ion Ratio Lower Upper

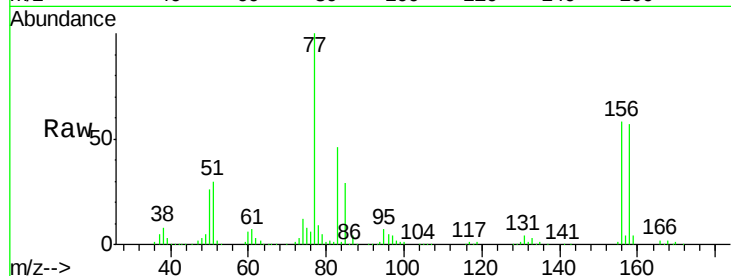
156 100

77 182.5 89.8 269.6

158 97.2 48.6 145.9

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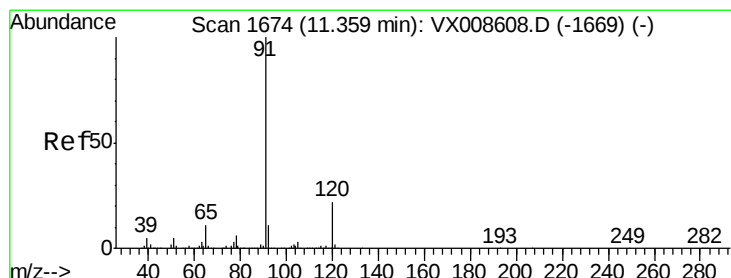
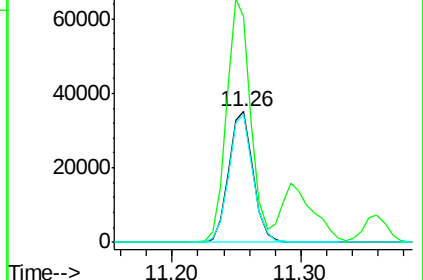
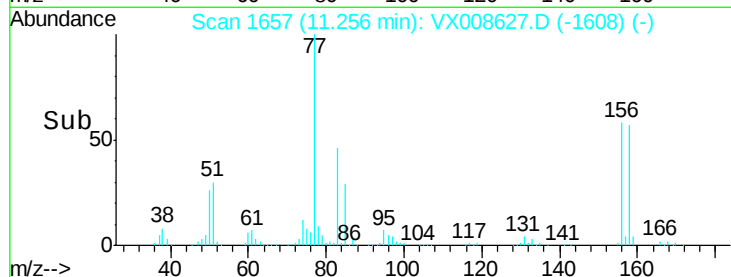
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.432 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008627.D

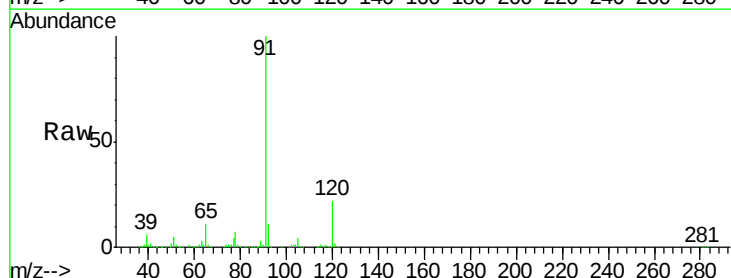
Acq: 04 Apr 2019 11:51

Tgt Ion: 91 Resp: 228199

Ion Ratio Lower Upper

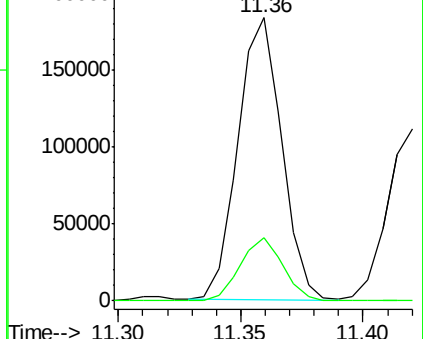
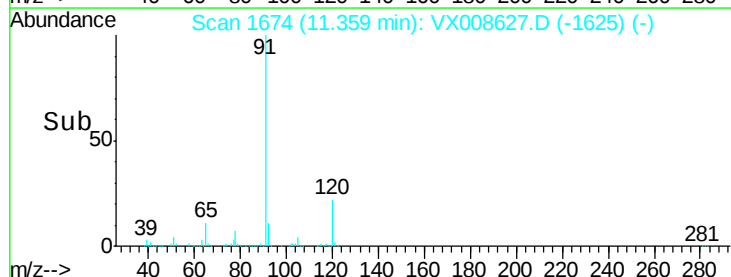
91 100

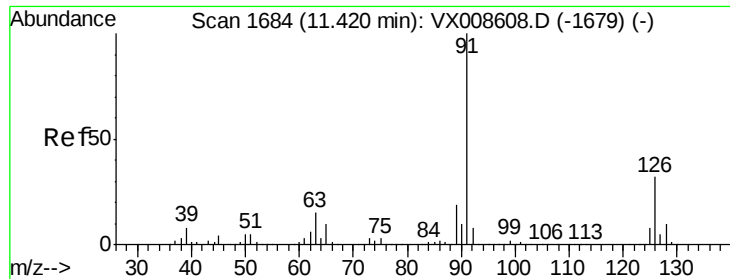
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.399 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tot Ion: 91 Resp: 137853

Ion Ratio Lower Upper

91 100

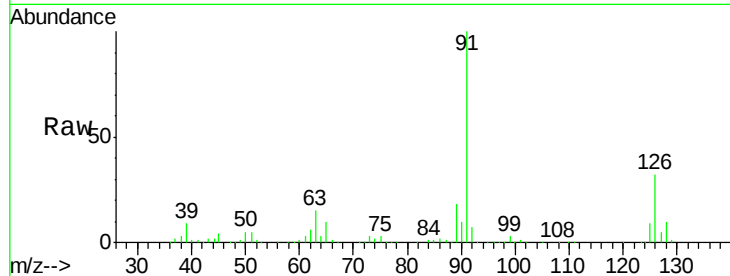
126 32.0 16.1 48.3

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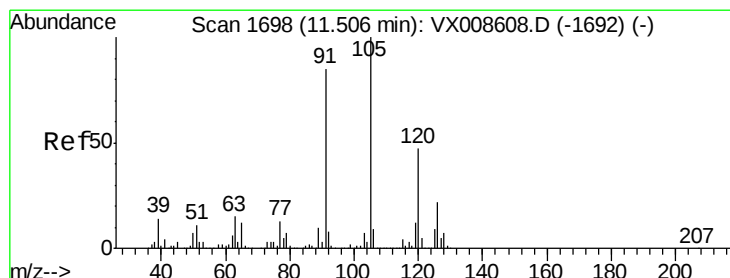
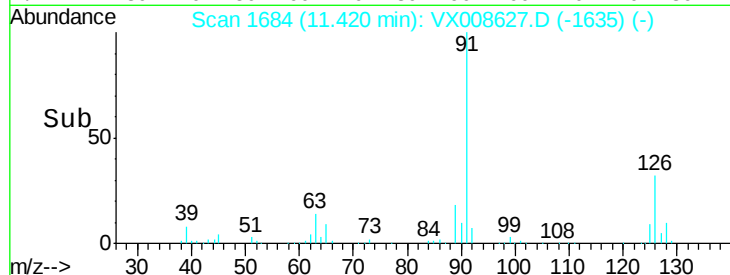
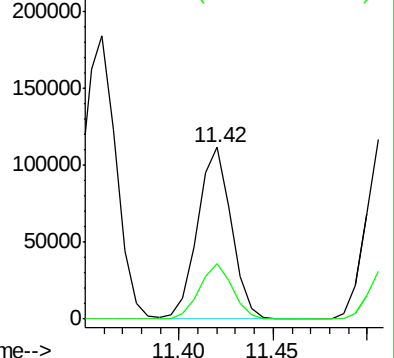
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.721 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008627.D

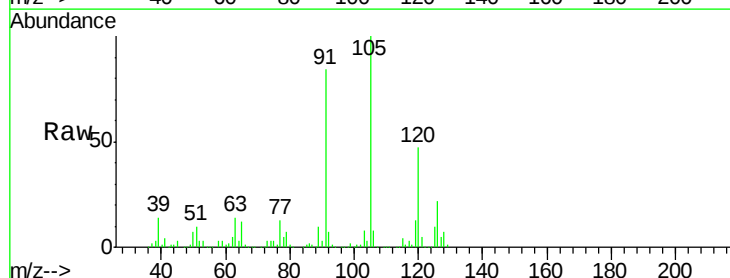
Acq: 04 Apr 2019 11:51

Tgt Ion:105 Resp: 167099

Ion Ratio Lower Upper

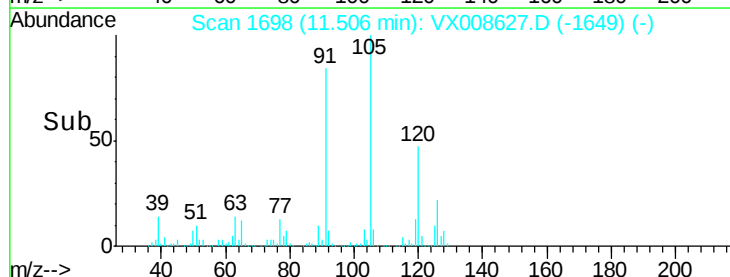
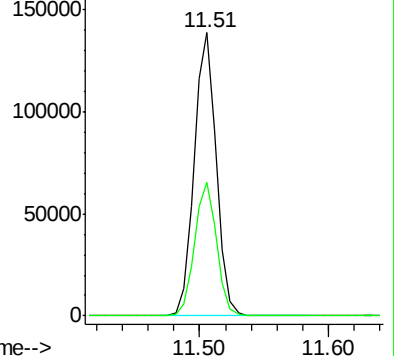
105 100

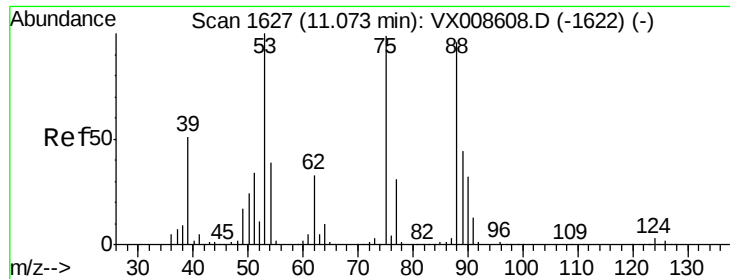
120 47.2 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.825 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

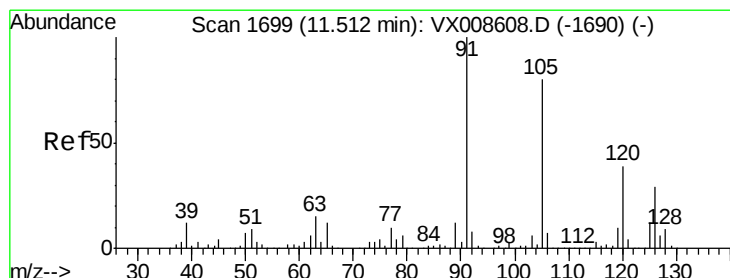
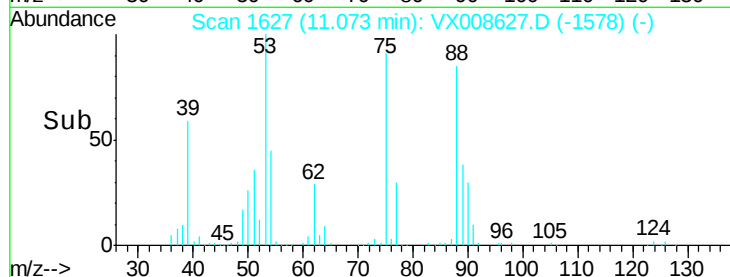
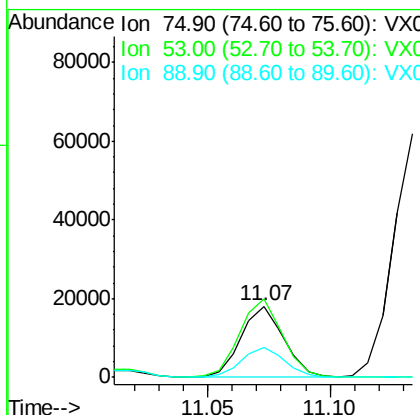
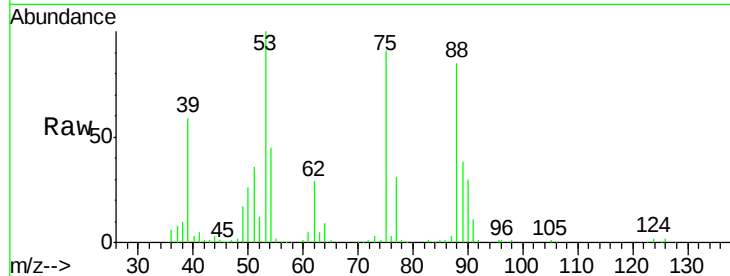
ClientSampleId :

VX0404WBS01

Tot Ion:	75	Resp:	21513
Ion Ratio	Lower	Upper	
75	100		
53	112.7	81.3	121.9
89	43.6	35.6	53.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.212 ug/l

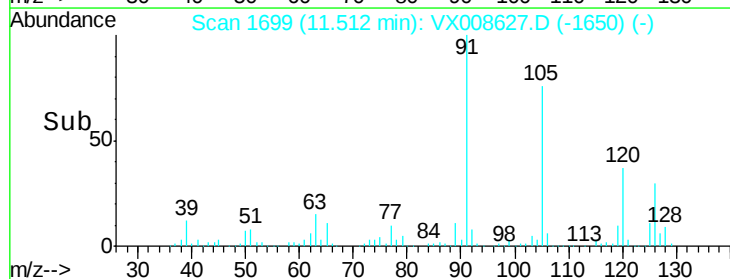
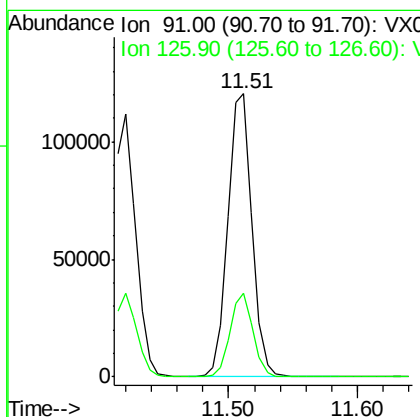
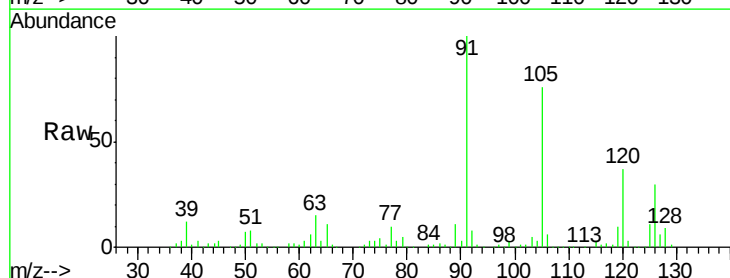
RT: 11.51 min Scan# 1699

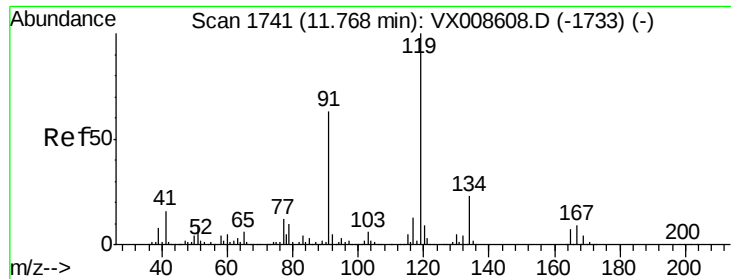
Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Tgt Ion:	91	Resp:	157943
Ion Ratio	Lower	Upper	
91	100		
126	27.9	13.9	41.6





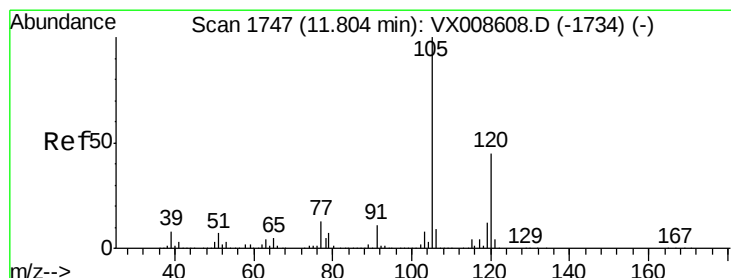
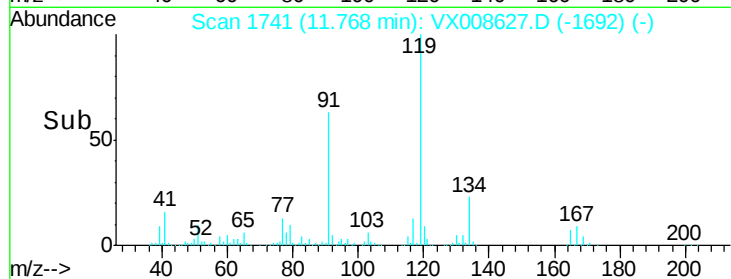
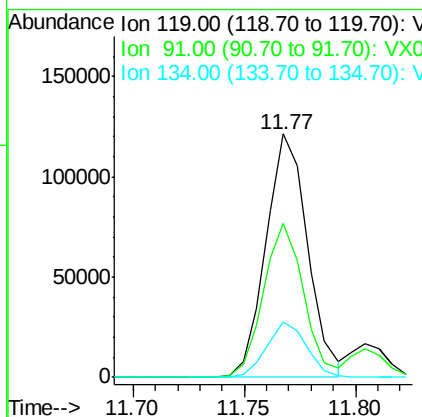
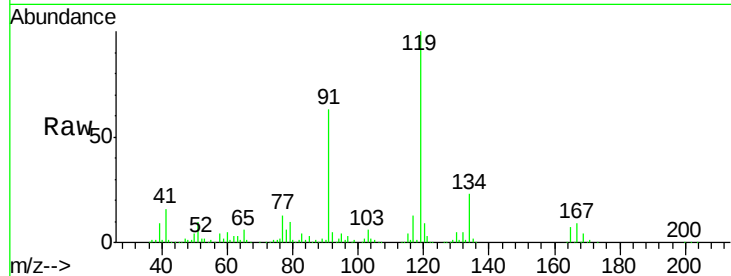
#83
tert-Butylbenzene
Concen: 18.360 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	157657		
91	60.9	30.0	90.1	
134	22.1	11.1	33.3	

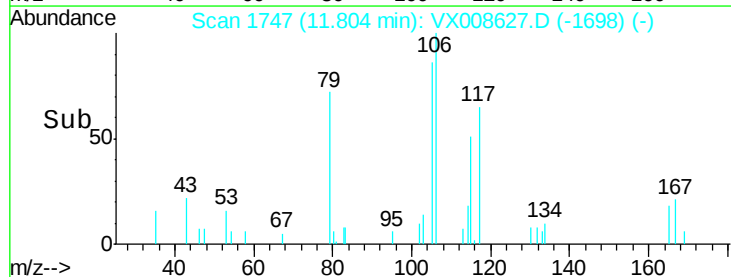
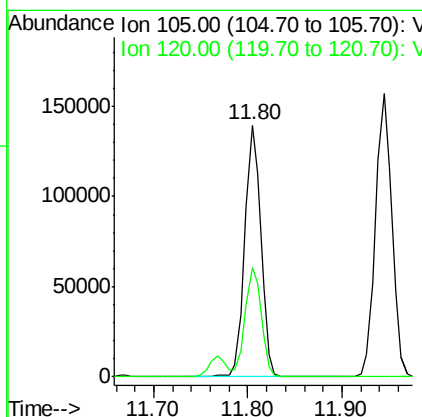
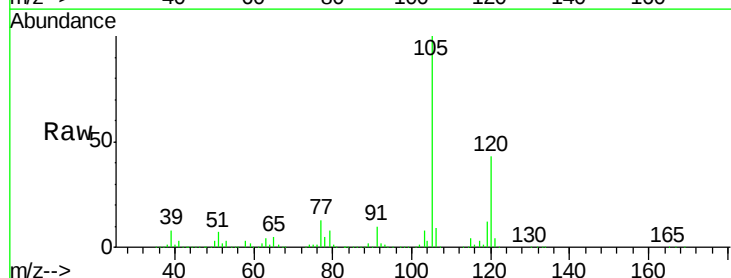
Manual Integrations
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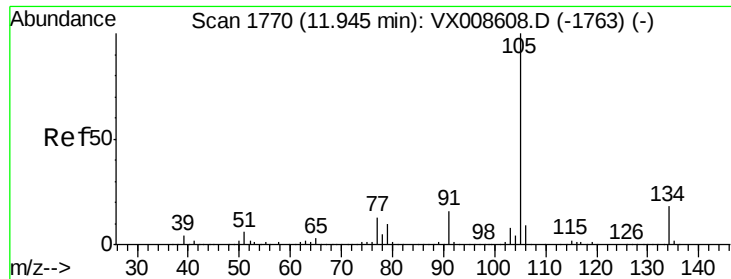
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#84
1,2,4-Trimethylbenzene
Concen: 18.514 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167324		
120	43.1	21.8	65.3	





#85

sec-Butylbenzene

Concen: 18.625 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion:105 Resp: 189967

Ion Ratio Lower Upper

105 100

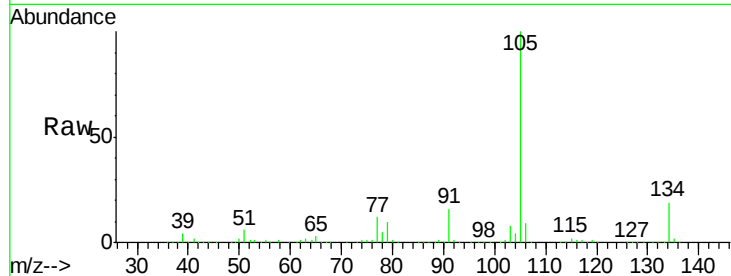
134 19.0 9.4 28.2

Manual Integrations

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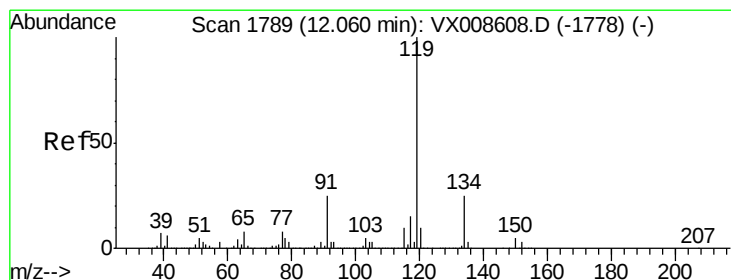
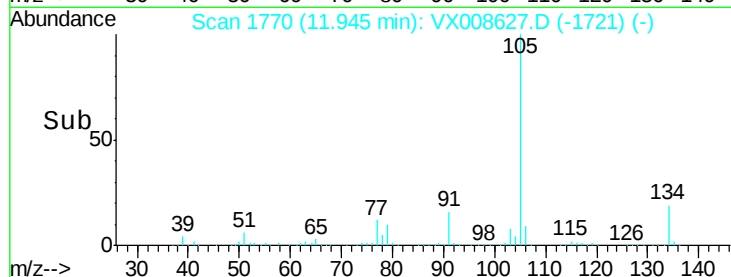
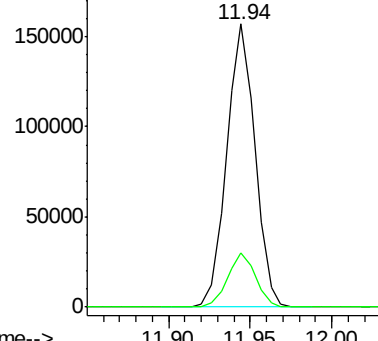
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.512 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

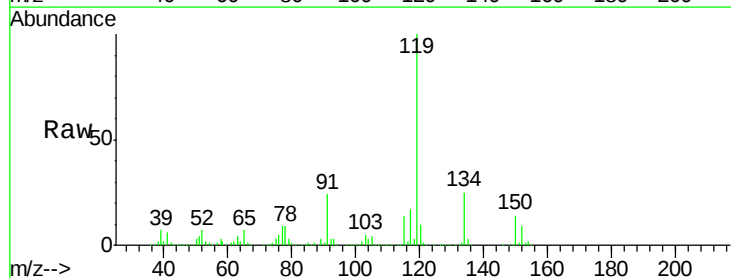
Tgt Ion:119 Resp: 169478

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

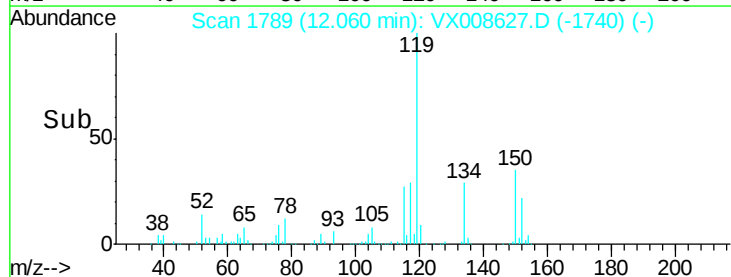
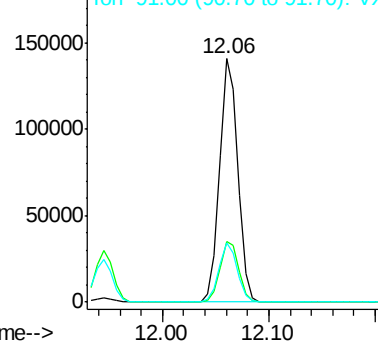
91 24.4 12.2 36.6

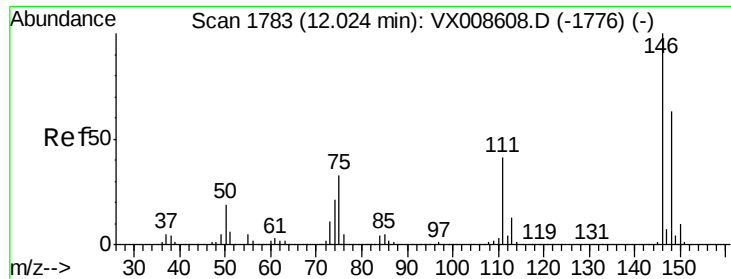


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 17.874 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

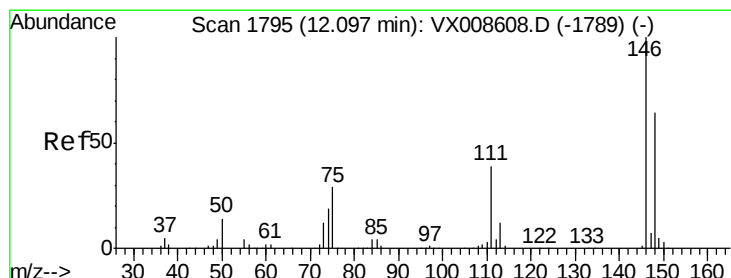
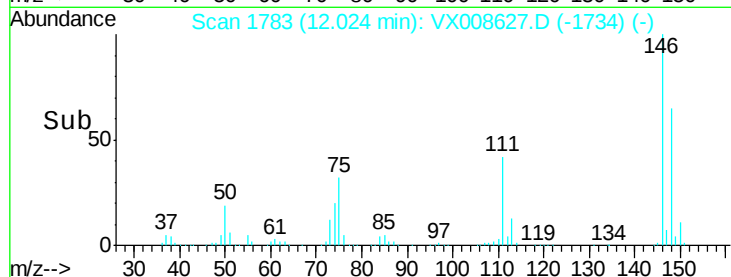
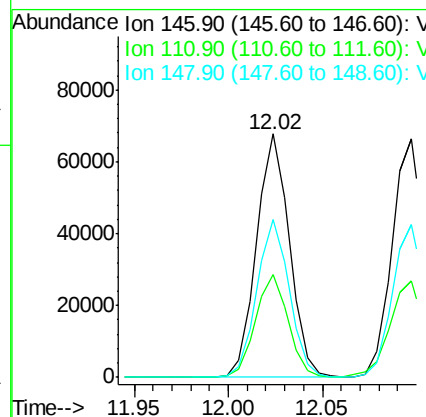
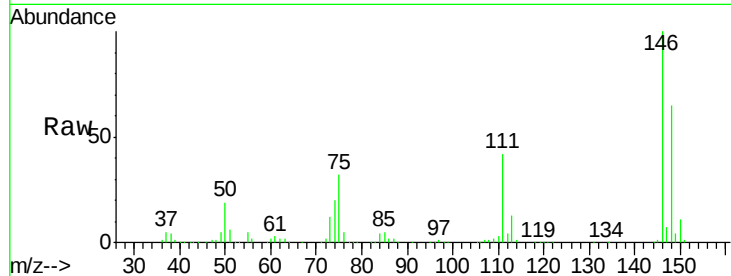
ClientSampled :

VX0404WBS01

Tot Ion:	146	Resp:	81796
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.5	61.5
148	64.4	31.6	94.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.759 ug/l

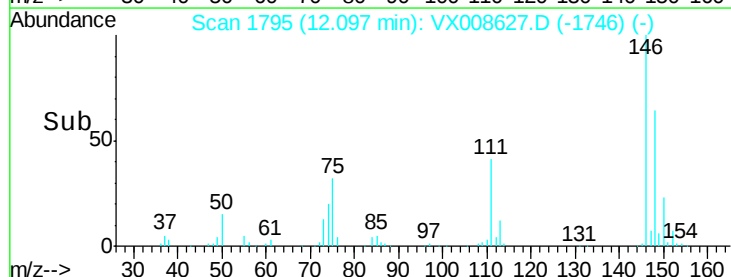
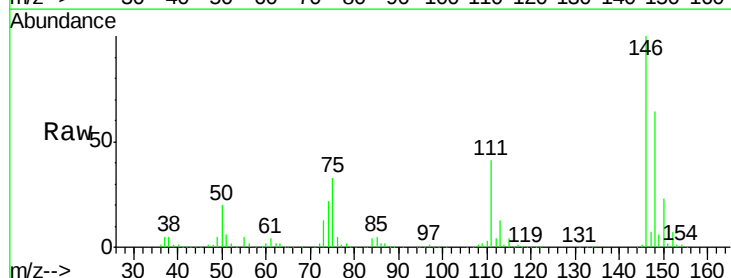
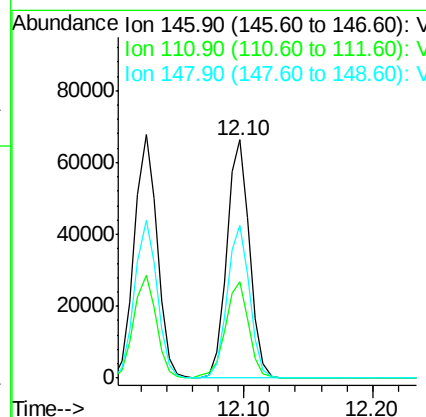
RT: 12.10 min Scan# 1795

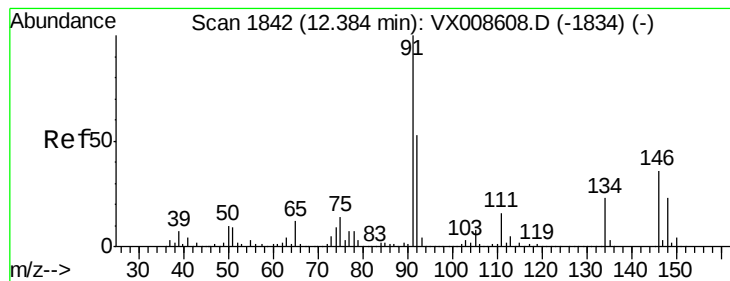
Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Tgt Ion:	146	Resp:	82295
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.2	60.6
148	63.7	32.0	96.0





#89

n-Butylbenzene

Concen: 17.927 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Instrument :

MSVOA_X

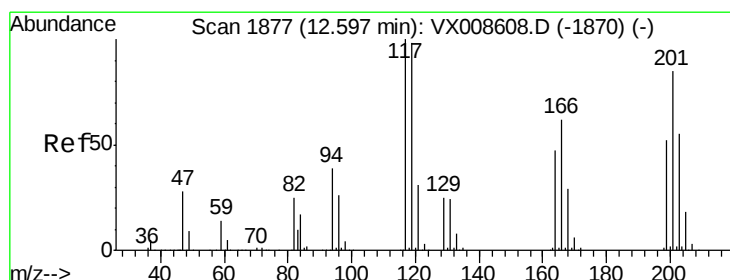
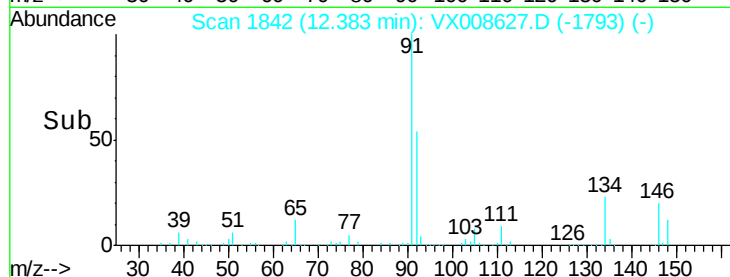
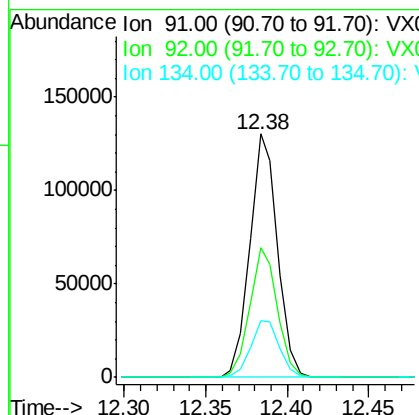
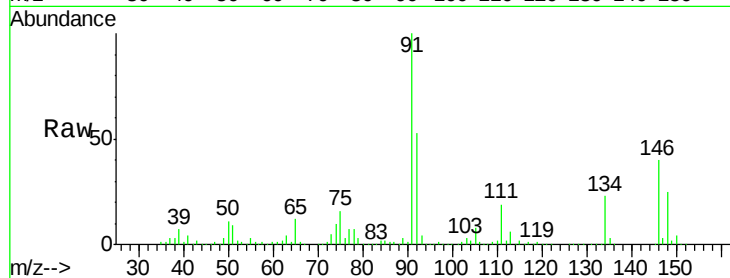
ClientSampleId :

VX0404WBS01

Tot Ion:	91	Resp:	153913
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	24.4	12.0	36.0

Manual Integrations
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#90

Hexachloroethane

Concen: 18.071 ug/l

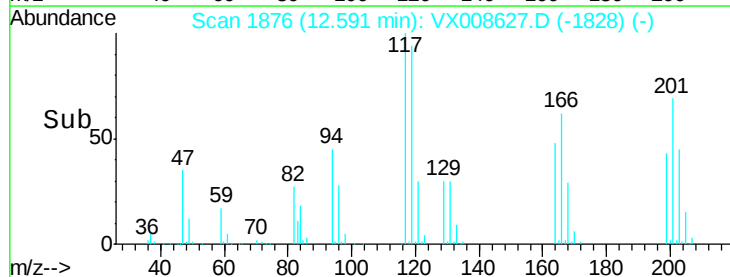
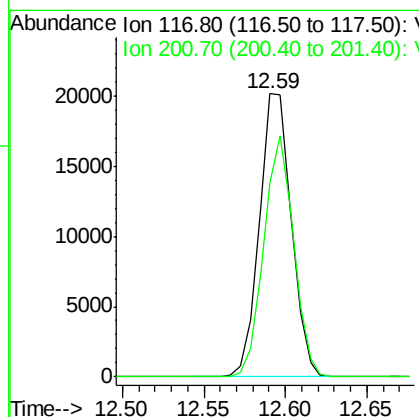
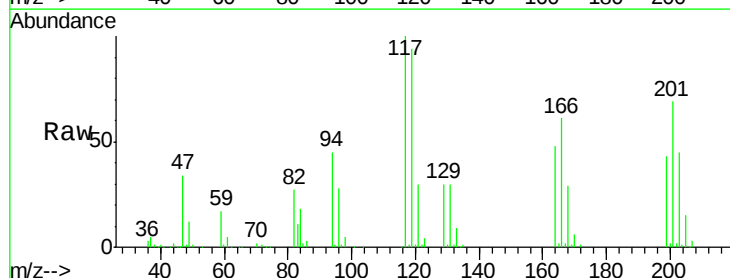
RT: 12.59 min Scan# 1876

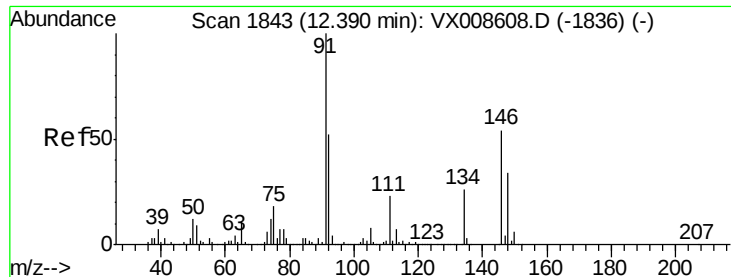
Delta R.T. -0.01 min

Lab File: VX008627.D

Acq: 04 Apr 2019 11:51

Tgt Ion:	117	Resp:	27440
Ion	Ratio	Lower	Upper
117	100		
201	79.1	40.6	122.0





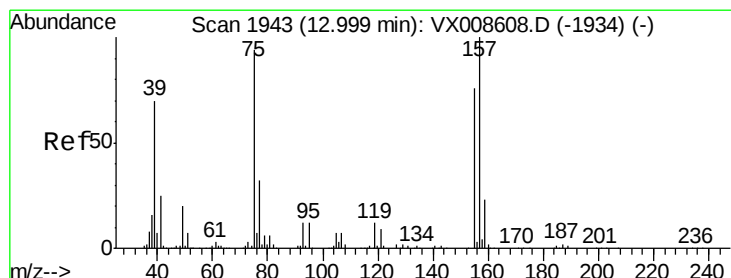
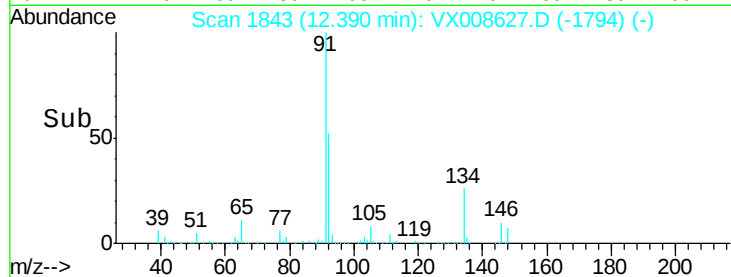
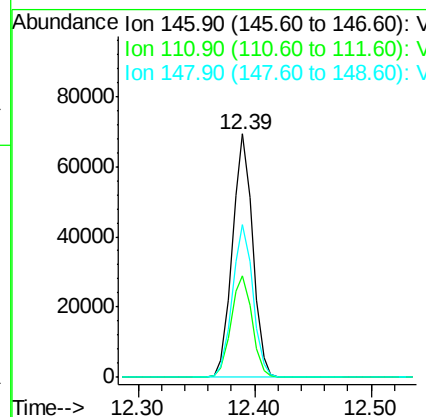
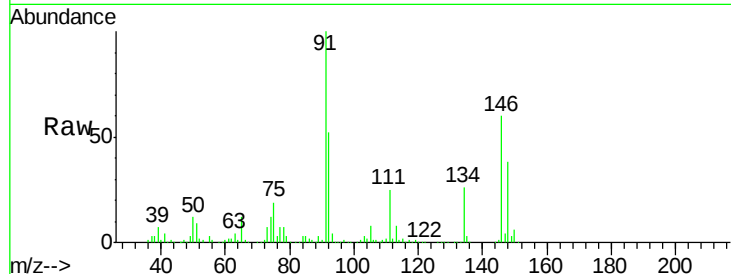
#91
 1,2-Dichlorobenzene
 Concen: 18.484 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.9
148	63.4	31.7	95.1

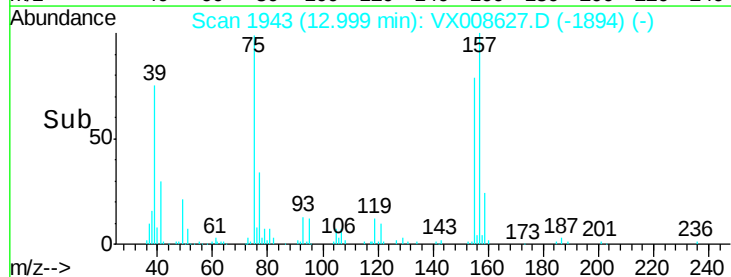
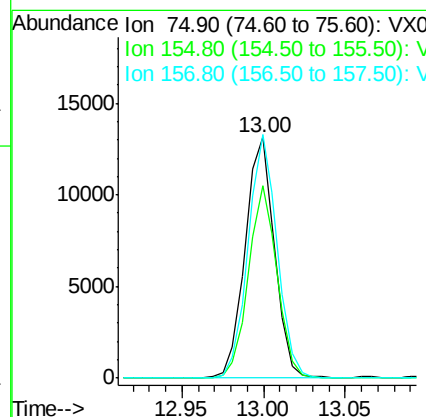
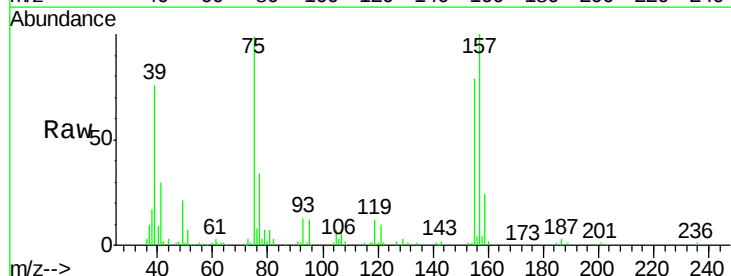
Manual Integrations
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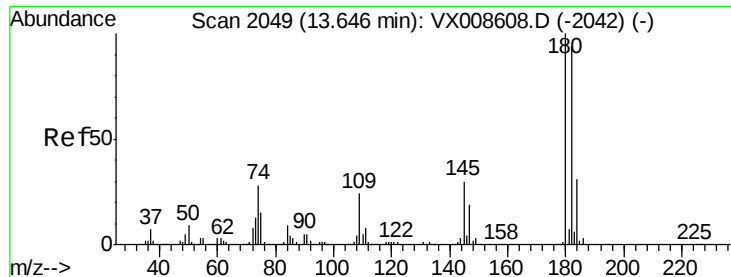
MMDadoda
 4/5/2019 11:11:46 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.483 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.8	39.9	119.6
157	99.9	51.5	154.7





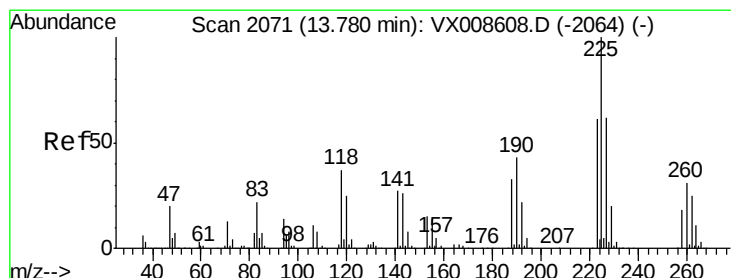
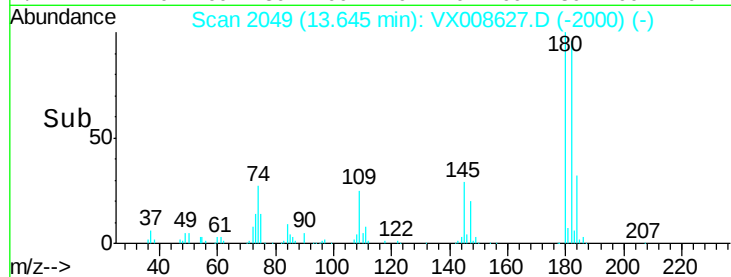
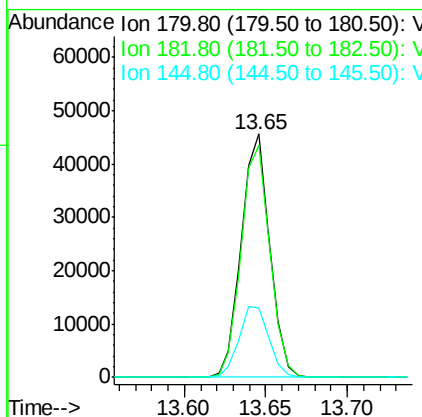
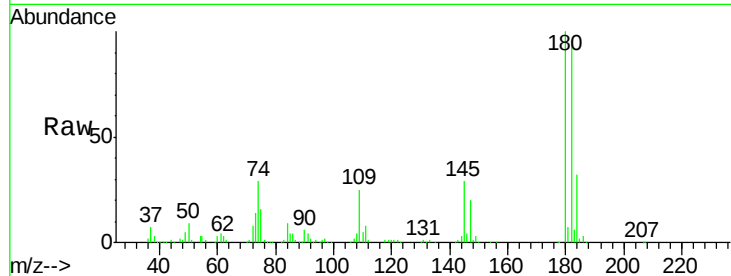
#93
 1,2,4-Trichlorobenzene
 Concen: 17.652 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.2	141.6
145	30.7	15.3	45.9

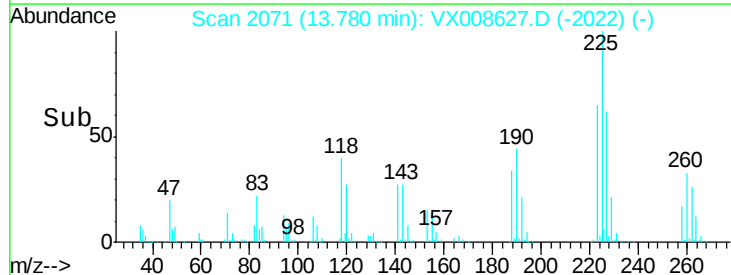
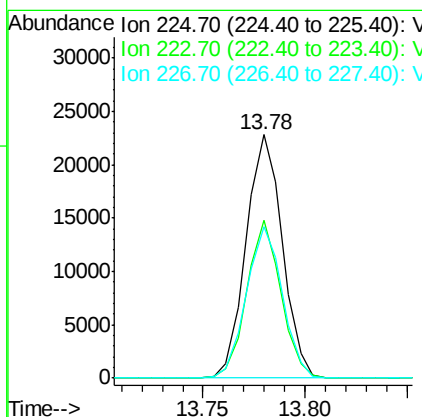
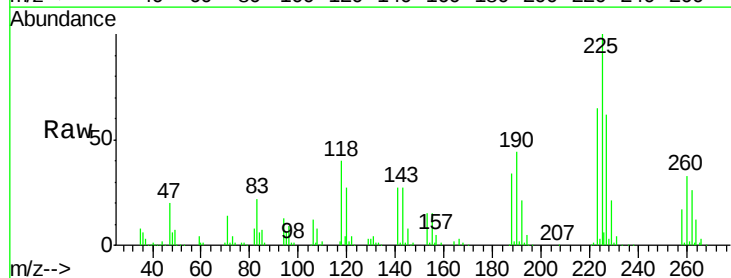
Manual Integrations
 APPROVED

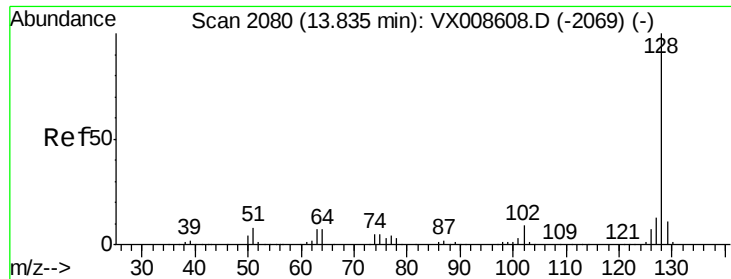
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 4/5/2019 11:11:46 AM



#94
 Hexachlorobutadiene
 Concen: 18.581 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008627.D
 Acq: 04 Apr 2019 11:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.2	93.6
227	62.0	31.9	95.5





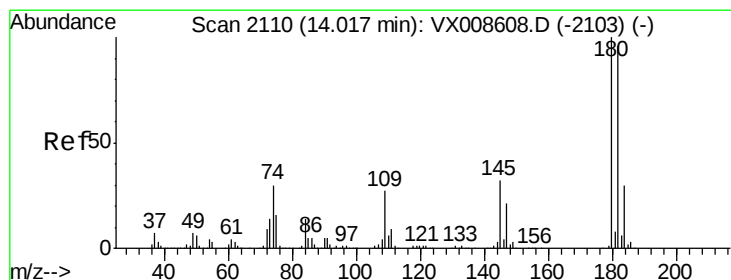
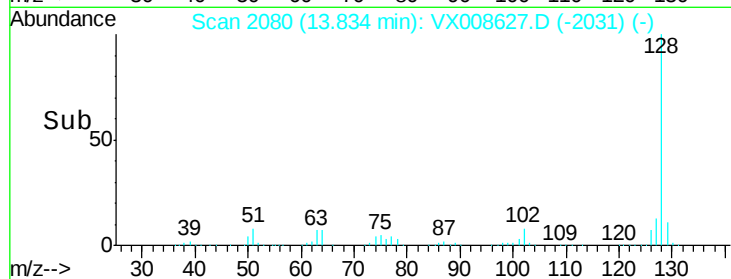
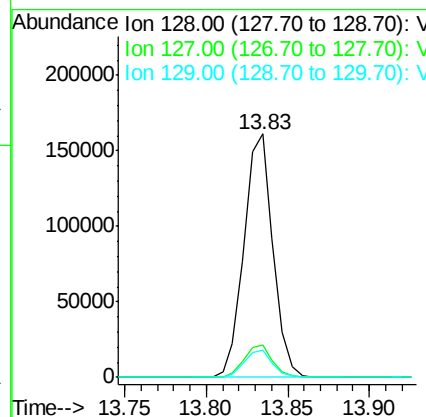
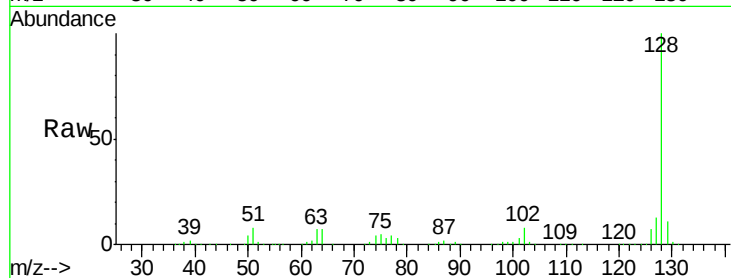
#95
Naphthalene
Concen: 18.877 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.814 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008627.D
Acq: 04 Apr 2019 11:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.1	144.3
145	31.4	16.3	48.8

