

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007662.D
 Acq On : 25 Feb 2019 09:46
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 2:57:01 PM

Quant Time: Feb 25 11:49:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 25 11:30:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	425330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	668841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	585425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	267430	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	4069	0.858	ug/l	89
3) Chloromethane	1.33	50	5529	1.154	ug/l	100
4) Vinyl Chloride	1.41	62	5041	1.073	ug/l	97
5) Bromomethane	1.64	94	4440	0.830	ug/l	86
6) Chloroethane	1.73	64	3232	1.063	ug/l	90
7) Trichlorofluoromethane	1.93	101	7343	0.999	ug/l	98
8) Diethyl Ether	2.19	74	3380	1.221	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4928	1.127	ug/l	87
12) 1,1-Dichloroethene	2.37	96	3686	0.908	ug/l #	80
14) Allyl chloride	2.73	41	6737	1.018	ug/l	93
15) Acrylonitrile	3.15	53	11882	5.141	ug/l	93
16) Acetone	2.45	43	14186	6.860	ug/l	94
17) Carbon Disulfide	2.57	76	10542	0.984	ug/l #	87
18) Methyl Acetate	2.78	43	5443	0.930	ug/l #	85
19) Methyl tert-butyl Ether	3.20	73	13250	1.007	ug/l	94
20) Methylene Chloride	2.85	84	5485	1.173	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	4351	1.006	ug/l #	81
22) Diisopropyl ether	3.87	45	13026	1.070	ug/l	88
23) Vinyl Acetate	3.82	43	57145	5.658	ug/l	100
24) 1,1-Dichloroethane	3.70	63	8549	1.223	ug/l	97
25) 2-Butanone	4.70	43	17308	5.881	ug/l	96
26) 2,2-Dichloropropane	4.58	77	6749	1.268	ug/l	89
27) cis-1,2-Dichloroethene	4.59	96	5683	1.203	ug/l	92
28) Bromochloromethane	5.01	49	3859	1.201	ug/l #	97
29) Tetrahydrofuran	5.15	42	12202	6.592	ug/l	96
30) Chloroform	5.21	83	8703	1.193	ug/l	95
31) Cyclohexane	5.57	56	7890	1.257	ug/l #	84
32) 1,1,1-Trichloroethane	5.49	97	6837	1.111	ug/l #	43
36) 1,1-Dichloropropene	5.79	75	6210	1.035	ug/l	93
37) Ethyl Acetate	4.85	43	6665	1.099	ug/l #	75
38) Carbon Tetrachloride	5.77	117	6512	1.119	ug/l #	84
39) Methylcyclohexane	7.46	83	8127	1.119	ug/l	94
40) Benzene	6.15	78	19247	1.089	ug/l #	88
41) Methacrylonitrile	5.05	41	3463	1.065	ug/l #	73

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

42) 1,2-Dichloroethane	6.20	62	6383	1.044	ug/l #	72
43) Isopropyl Acetate	6.45	43	8939	0.955	ug/l #	84
44) Trichloroethene	7.21	130	5342	1.003	ug/l	97
45) 1,2-Dichloropropane	7.51	63	5028	1.135	ug/l #	89
46) Dibromomethane	7.66	93	3944	1.225	ug/l #	83
47) Bromodichloromethane	7.90	83	5340	0.979	ug/l #	85
48) Methyl methacrylate	7.77	41	5361	1.145	ug/l	92
49) 1,4-Dioxane	7.76	88	2457	21.079	ug/l #	64
51) 4-Methyl-2-Pentanone	8.65	43	30022	4.870	ug/l	95
52) Toluene	8.79	92	11472	1.006	ug/l	93
53) t-1,3-Dichloropropene	9.04	75	4947	0.844	ug/l #	85
54) cis-1,3-Dichloropropene	8.43	75	6185	0.960	ug/l #	85
55) 1,1,2-Trichloroethane	9.21	97	5136	1.080	ug/l	91
56) Ethyl methacrylate	9.18	69	6086	0.924	ug/l	90
57) 1,3-Dichloropropane	9.37	76	7694	1.018	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	18926	5.453	ug/l	99
59) 2-Hexanone	9.49	43	23643	4.929	ug/l	94
60) Dibromochloromethane	9.58	129	3995	0.888	ug/l	99
61) 1,2-Dibromoethane	9.67	107	4901	0.973	ug/l	94
64) Tetrachloroethene	9.34	164	5144	0.932	ug/l	90
65) Chlorobenzene	10.13	112	13565	1.062	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	4587	1.071	ug/l #	63
67) Ethyl Benzene	10.25	91	20502	0.997	ug/l	94
68) m/p-Xylenes	10.36	106	16015	1.958	ug/l	93
69) o-Xylene	10.70	106	7119	0.905	ug/l	93
70) Styrene	10.71	104	11275	0.883	ug/l	98
71) Bromoform	10.86	173	2875	0.868	ug/l #	89
73) Isopropylbenzene	11.02	105	19447	1.070	ug/l	100
74) N-amyl acetate	10.90	43	7607	1.082	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	7645	1.380	ug/l	91
76) 1,2,3-Trichloropropane	11.30	75	5142m	0.988	ug/l	
77) Bromobenzene	11.26	156	5024	0.981	ug/l	90
78) n-propylbenzene	11.36	91	19936	1.000	ug/l	95
79) 2-Chlorotoluene	11.42	91	13498	1.116	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	15176	1.021	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	1607	1.073	ug/l #	84
82) 4-Chlorotoluene	11.51	91	14500	1.036	ug/l	97
83) tert-Butylbenzene	11.77	119	14733	1.001	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	15047	0.997	ug/l	98
85) sec-Butylbenzene	11.94	105	17427	0.978	ug/l	97
86) p-Isopropyltoluene	12.06	119	14899	0.926	ug/l	88
87) 1,3-Dichlorobenzene	12.02	146	9499	1.034	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	10188m	1.093	ug/l	
89) n-Butylbenzene	12.39	91	13115	0.948	ug/l	95
90) Hexachloroethane	12.60	117	2731	1.135	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	10005	1.094	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1647	1.430	ug/l	73
93) 1,2,4-Trichlorobenzene	13.65	180	5200	0.843	ug/l	92
94) Hexachlorobutadiene	13.78	225	2786	0.930	ug/l	94
95) Naphthalene	13.83	128	15144	0.840	ug/l #	95

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MSVOA_X
ClientSampleId :
VSTDICC001

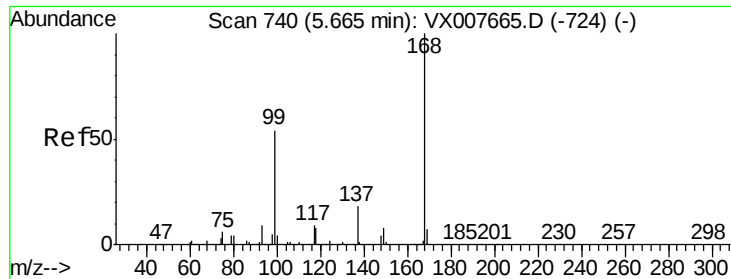
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	5815	0.937	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 425330

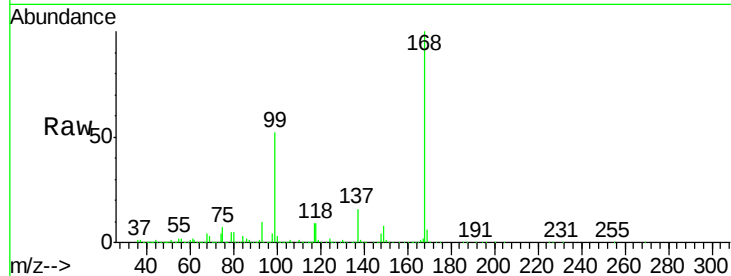
Ion Ratio Lower Upper

168 100

99 51.9 37.9 56.9

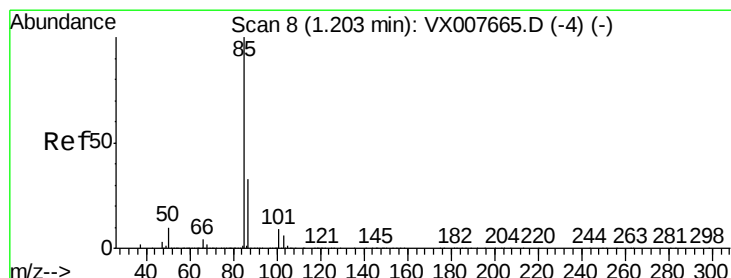
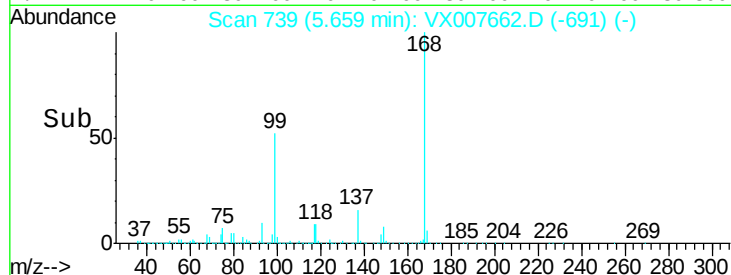
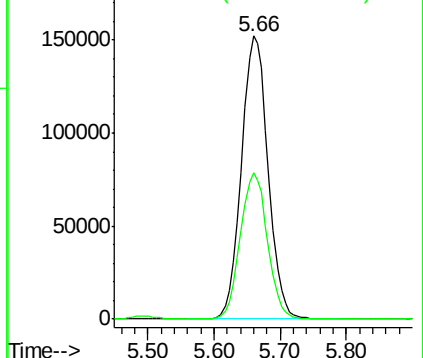
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.858 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007662.D

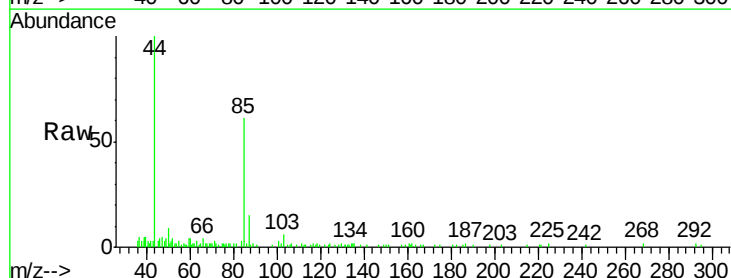
Acq: 25 Feb 2019 09:46

Tgt Ion: 85 Resp: 4069

Ion Ratio Lower Upper

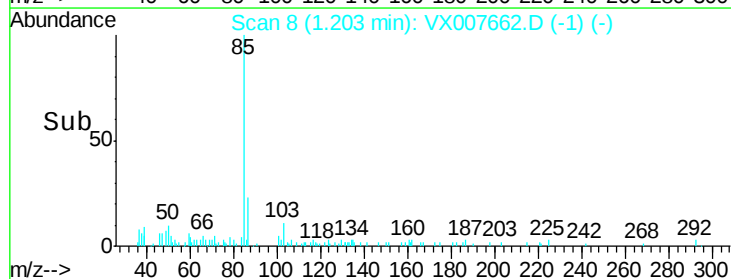
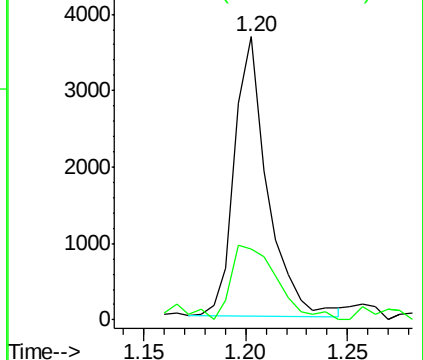
85 100

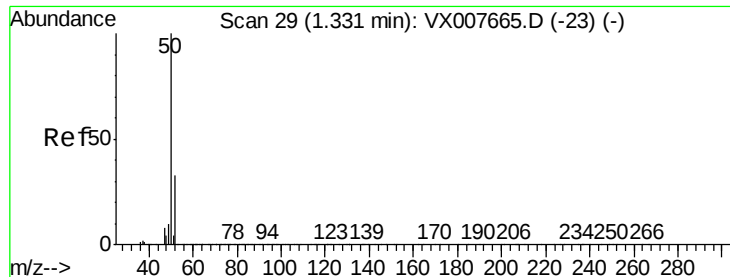
87 25.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.154 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5529

Ion Ratio Lower Upper

50 100

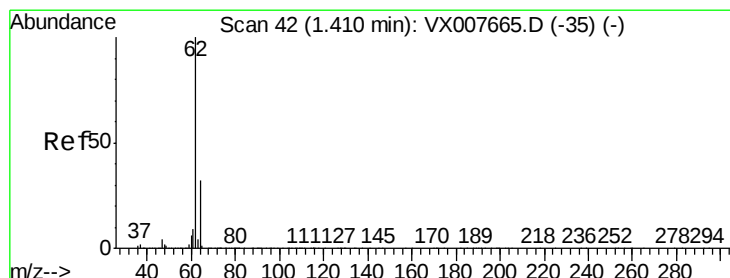
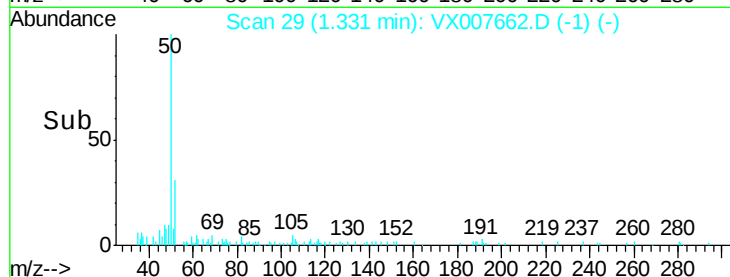
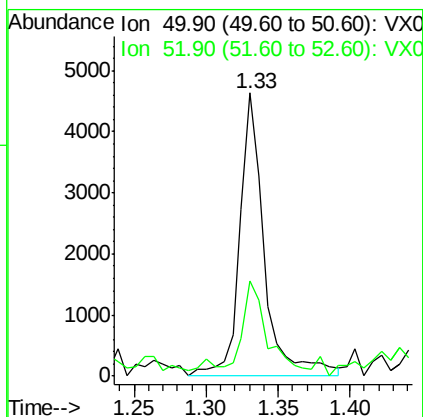
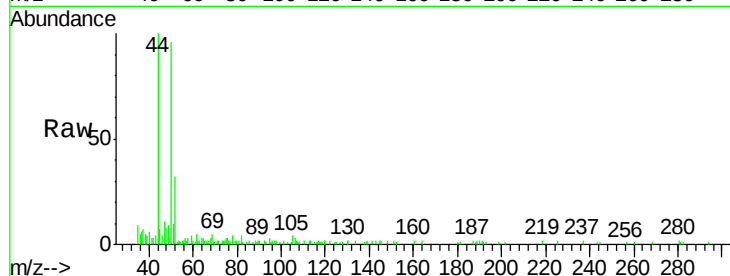
52 32.3 26.1 39.1

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#4

Vinyl Chloride

Concen: 1.073 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007662.D

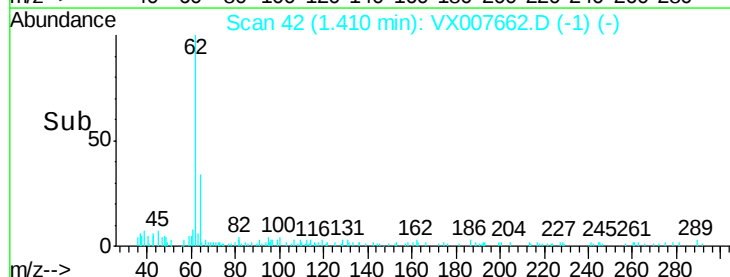
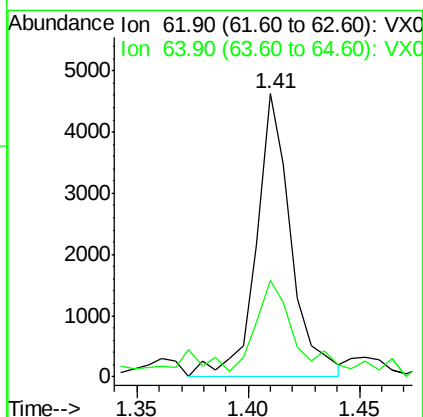
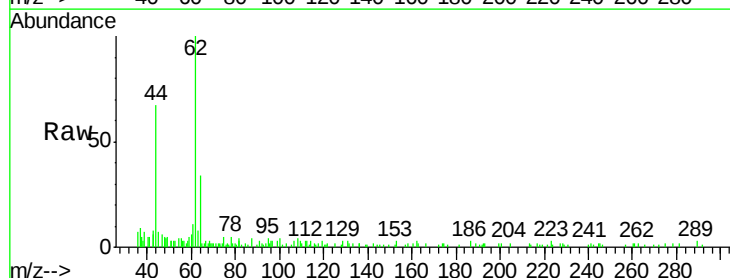
Acq: 25 Feb 2019 09:46

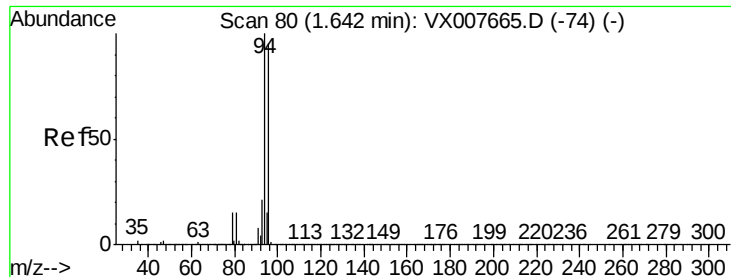
Tgt Ion: 62 Resp: 5041

Ion Ratio Lower Upper

62 100

64 29.8 25.4 38.0





#5

Bromomethane

Concen: 0.830 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 4440

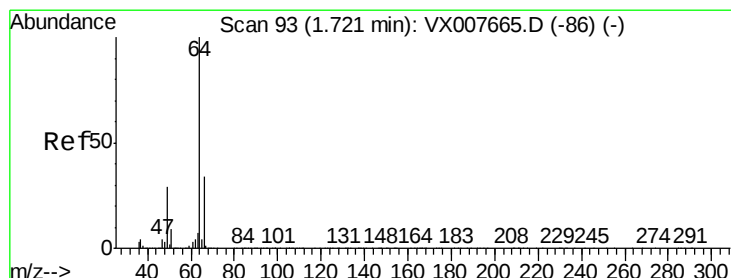
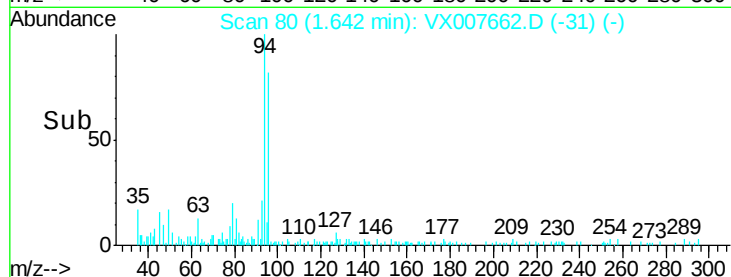
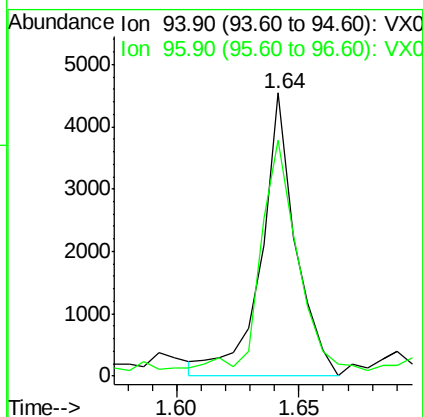
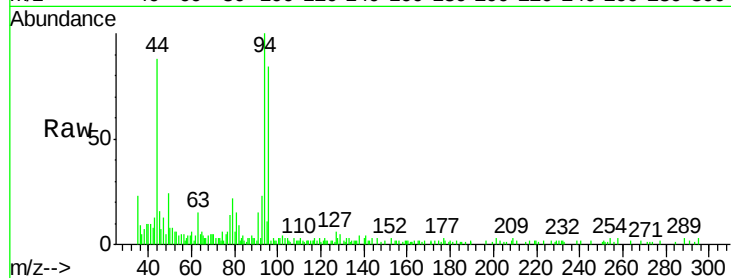
Ion Ratio Lower Upper

94 100

96 79.4 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 1.063 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007662.D

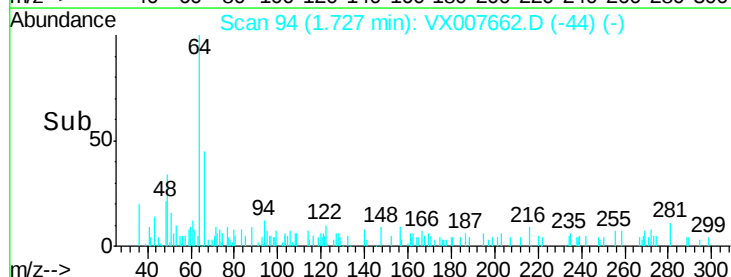
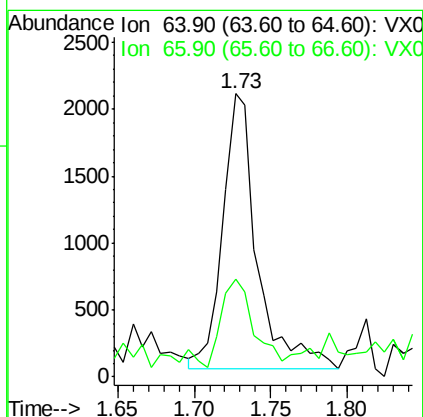
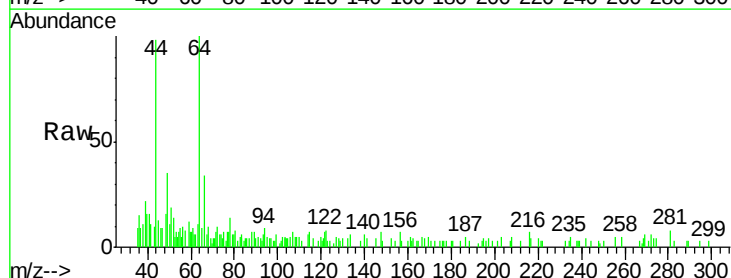
Acq: 25 Feb 2019 09:46

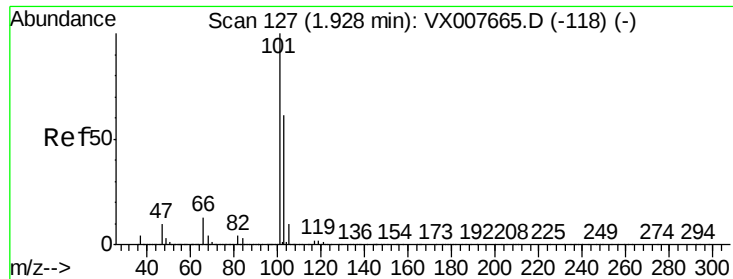
Tgt Ion: 64 Resp: 3232

Ion Ratio Lower Upper

64 100

66 26.2 25.5 38.3





#7

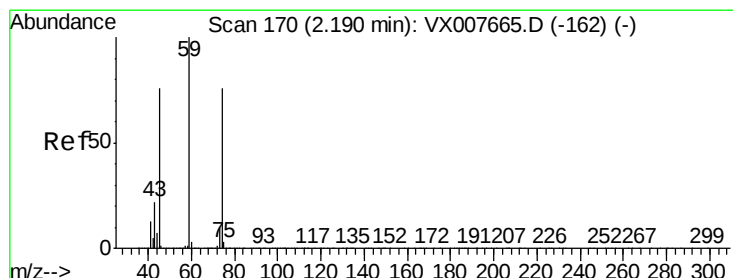
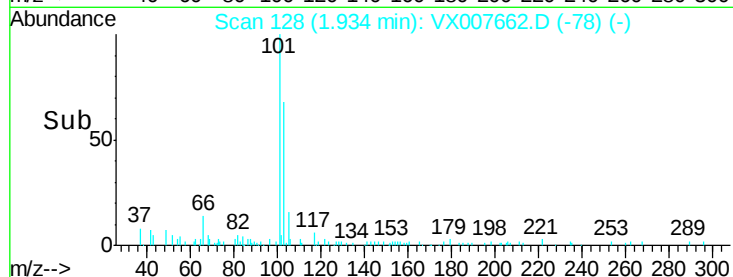
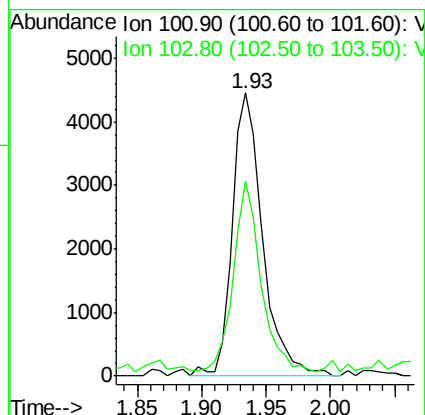
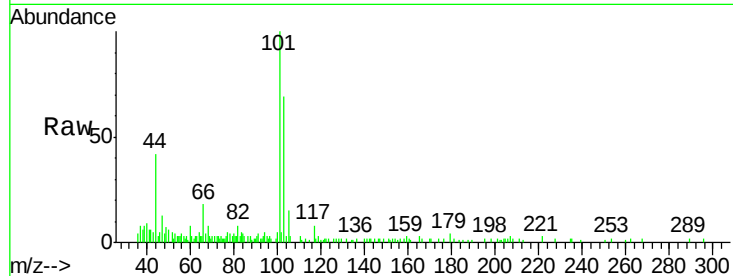
Trichlorofluoromethane
Concen: 0.999 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	52.6	79.0

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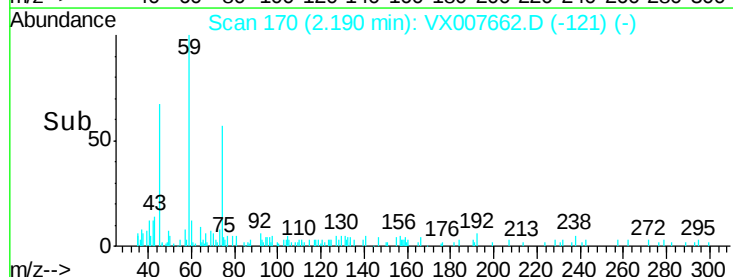
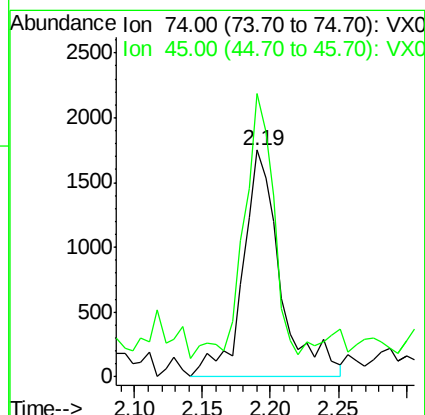
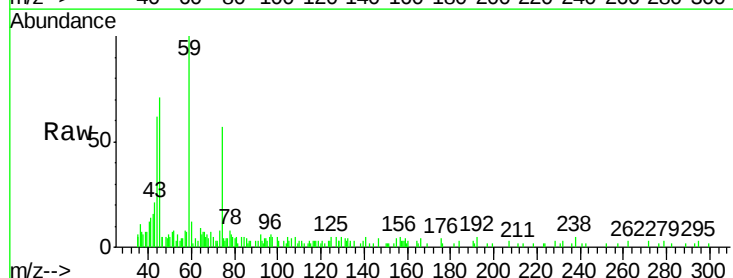
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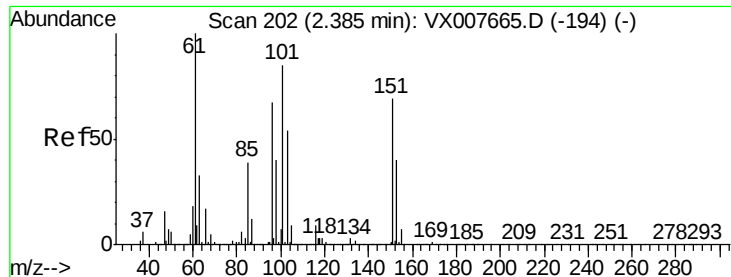


#8

Diethyl Ether
Concen: 1.221 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.2	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.127 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

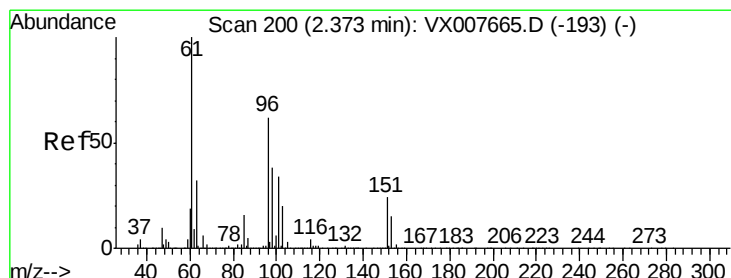
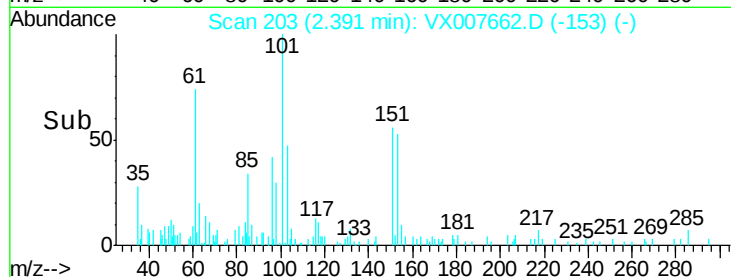
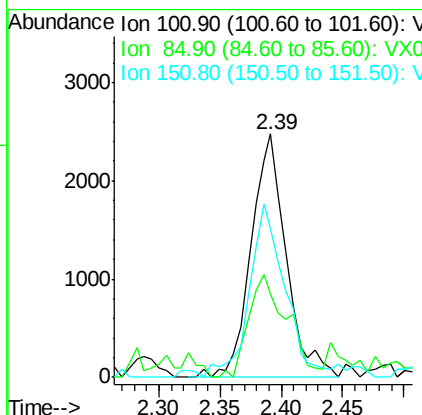
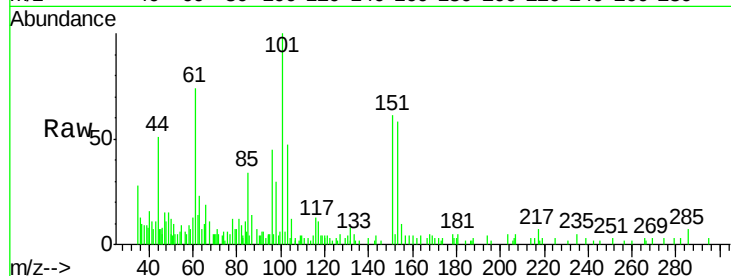
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	4928
Ion Ratio	Lower	Upper	
101	100		
85	46.6	34.1	51.1
151	72.5	69.9	104.9

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 0.908 ug/l

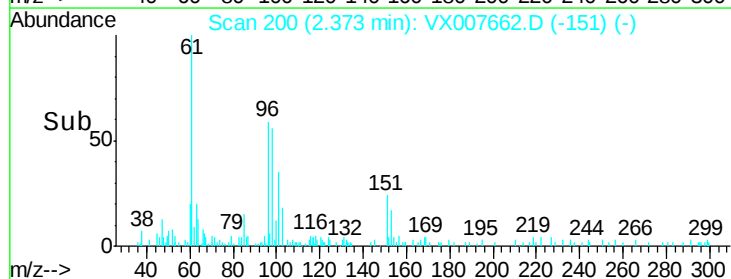
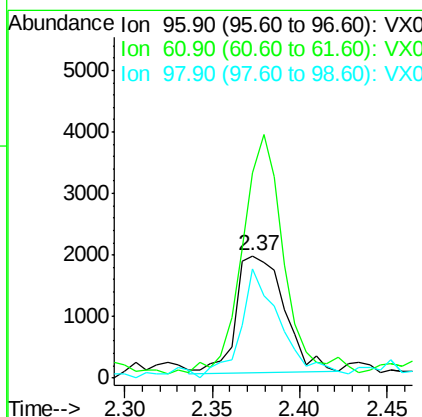
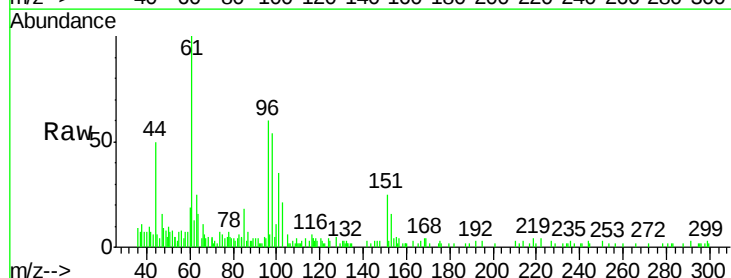
RT: 2.37 min Scan# 200

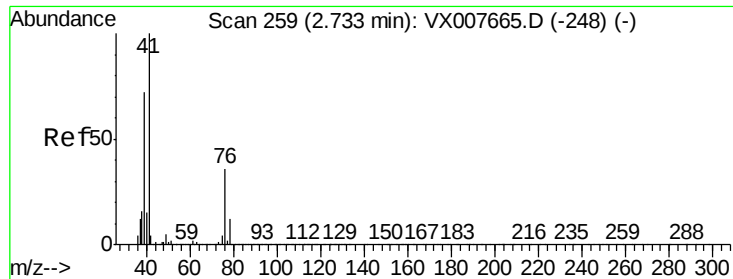
Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion:	96	Resp:	3686
Ion Ratio	Lower	Upper	
96	100		
61	172.7	123.0	184.4
98	89.6	50.9	76.3#





#14

Allvl chloride

Concen: 1.018 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

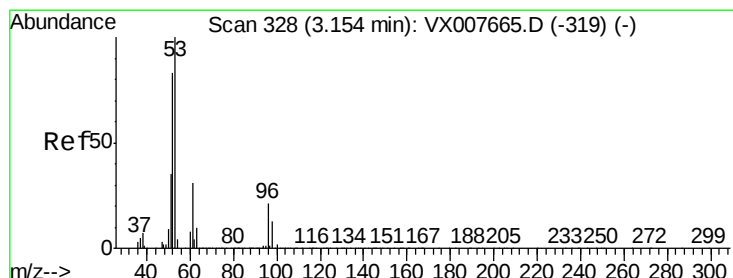
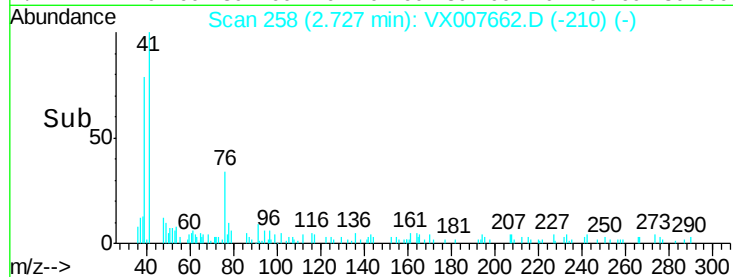
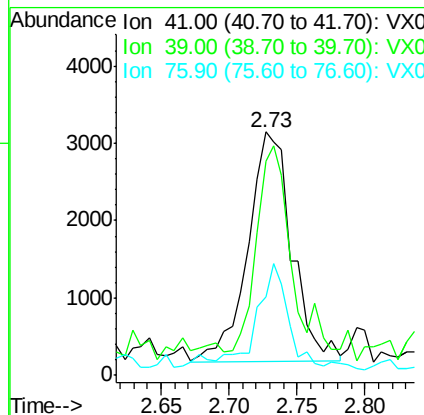
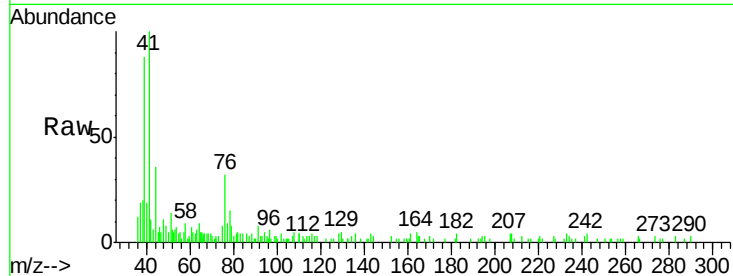
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	6737
Ion	Ratio	Lower	Upper
41	100		
39	72.3	54.1	81.1
76	30.0	27.8	41.8

Manual Integrations
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#15

Acrylonitrile

Concen: 5.141 ug/l

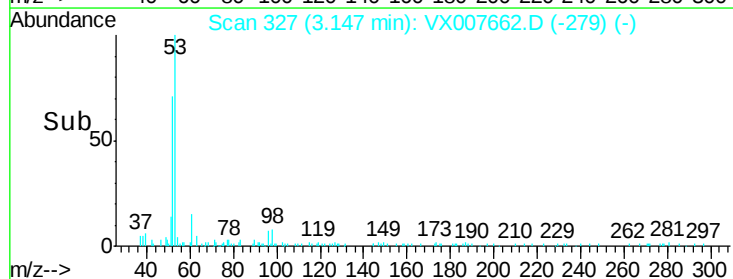
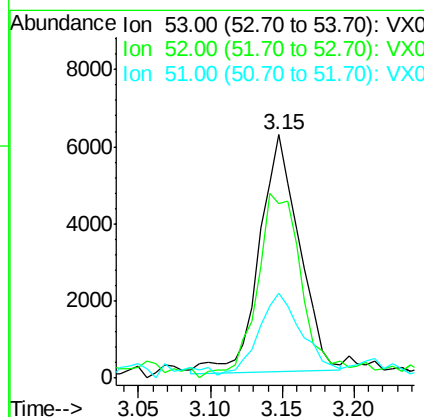
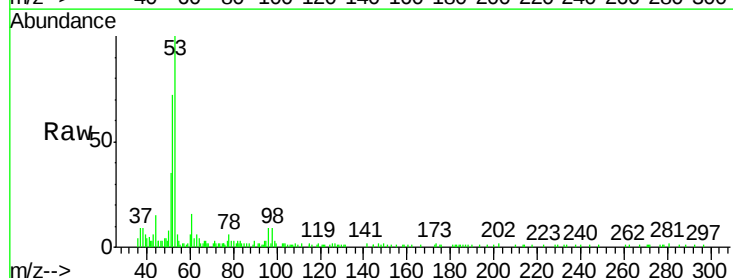
RT: 3.15 min Scan# 327

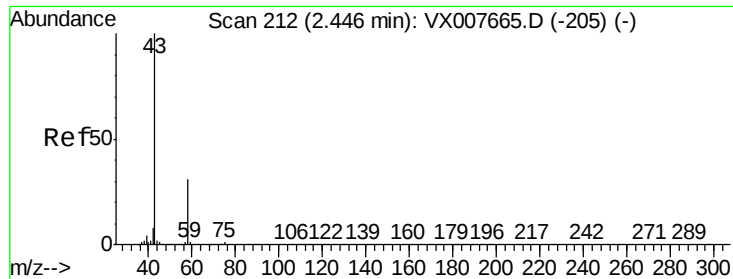
Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion:	53	Resp:	11882
Ion	Ratio	Lower	Upper
53	100		
52	90.9	66.4	99.6
51	37.8	28.4	42.6





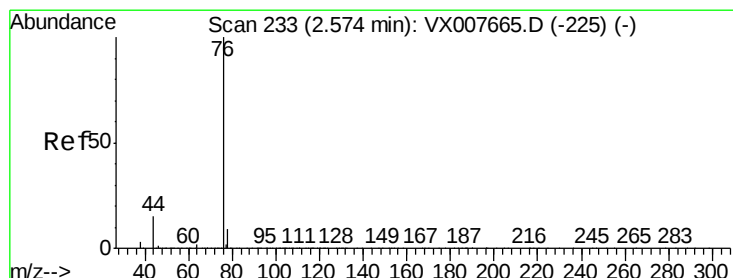
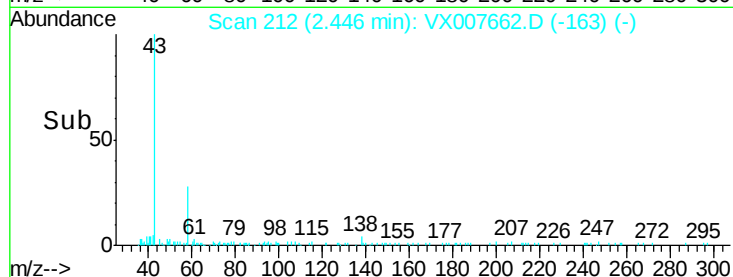
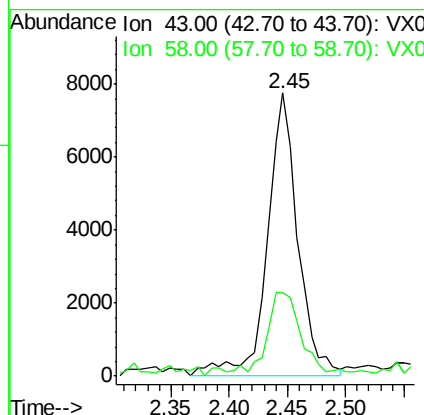
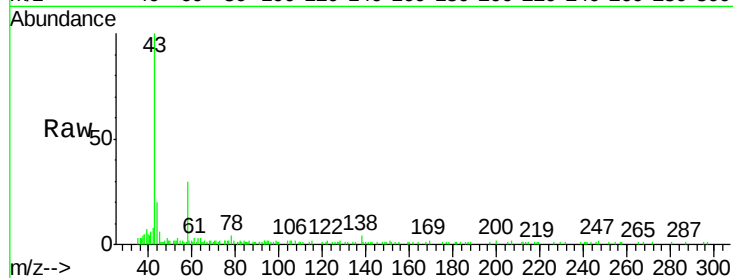
#16
Acetone
Concen: 6.860 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
58	27.7	24.9	37.3

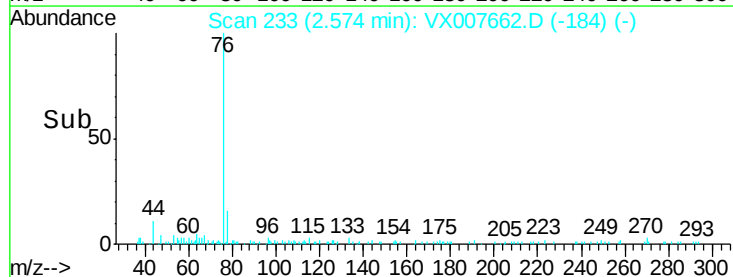
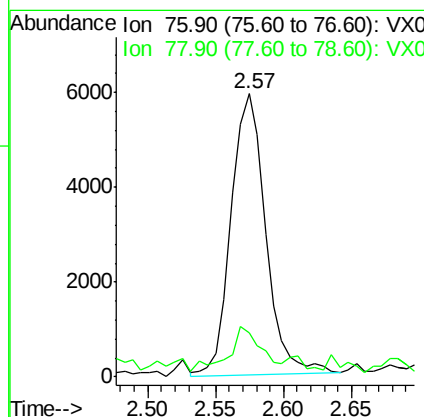
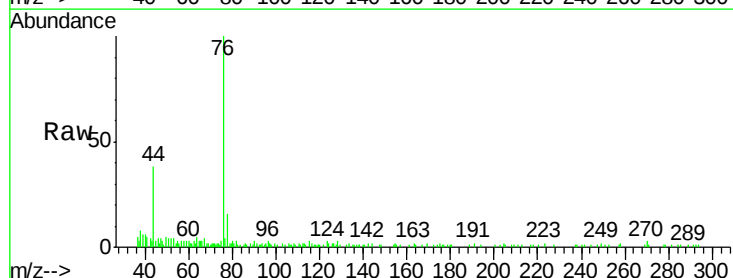
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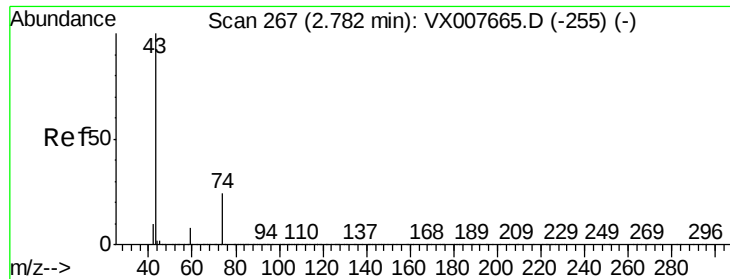
MMDadoda
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#17
Carbon Disulfide
Concen: 0.984 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
76	100		
78	13.6	7.1	10.7#





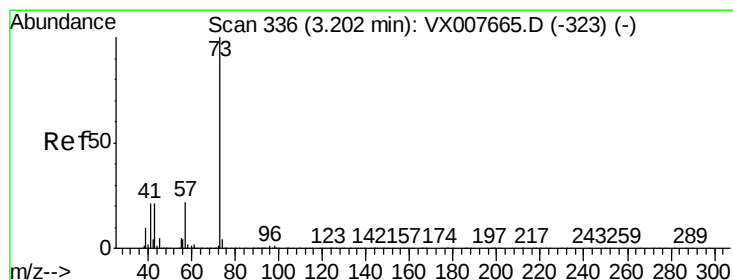
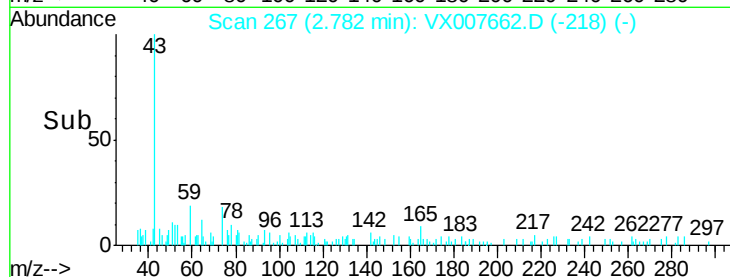
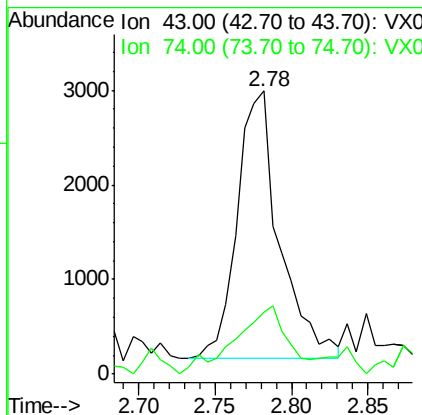
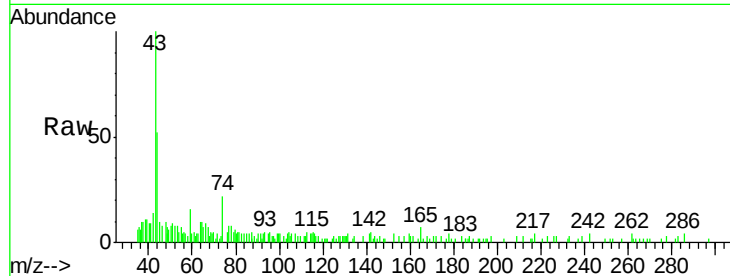
#18
Methyl Acetate
Concen: 0.930 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 5443
Ion Ratio Lower Upper
43 100
74 31.7 19.4 29.2#

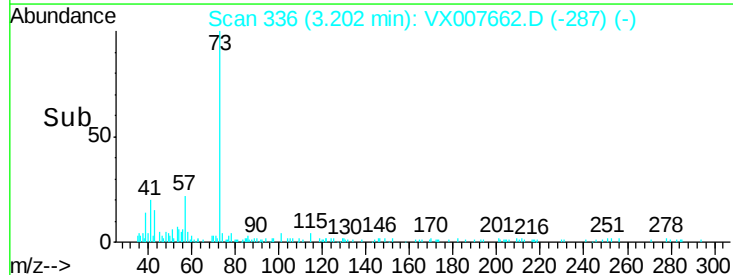
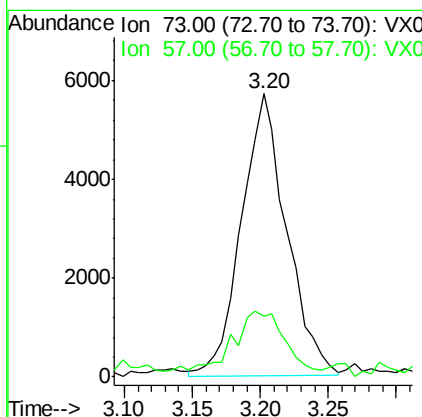
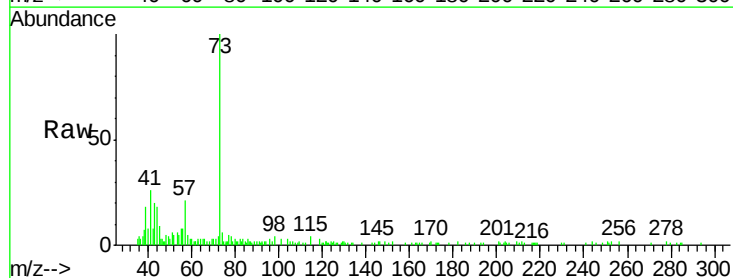
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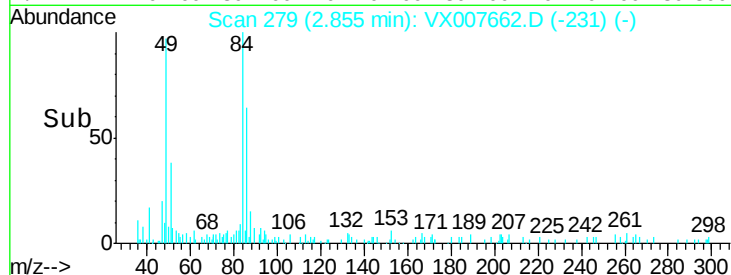
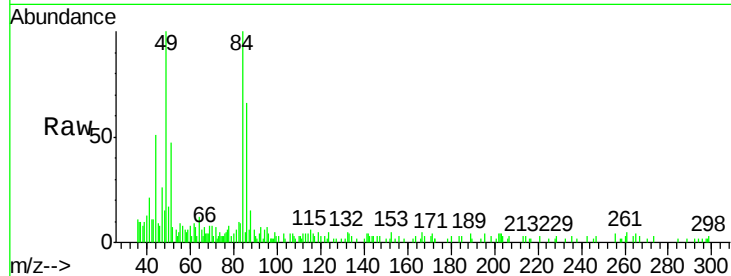
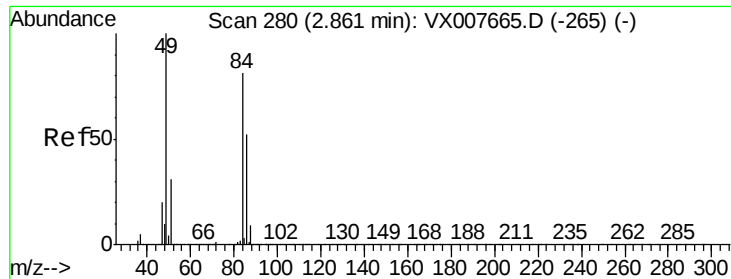
MMDadoda
2/26/2019 2:57:01 PM



#19
Methyl tert-butyl Ether
Concen: 1.007 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion: 73 Resp: 13250
Ion Ratio Lower Upper
73 100
57 19.5 17.8 26.8





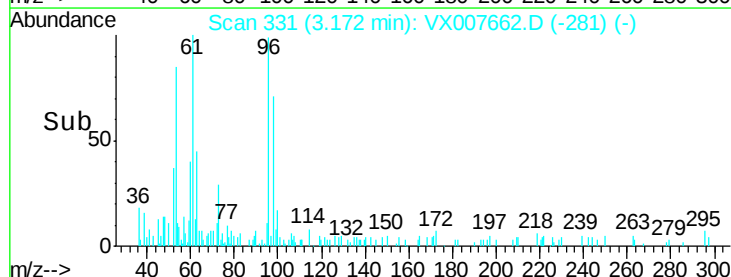
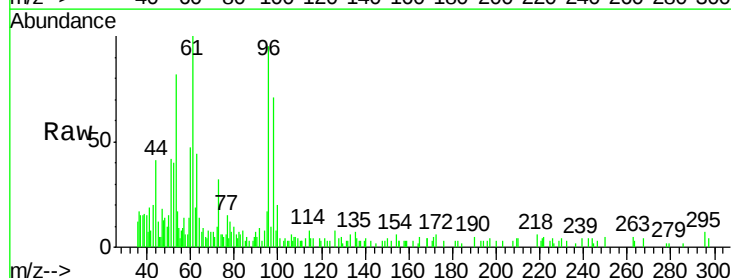
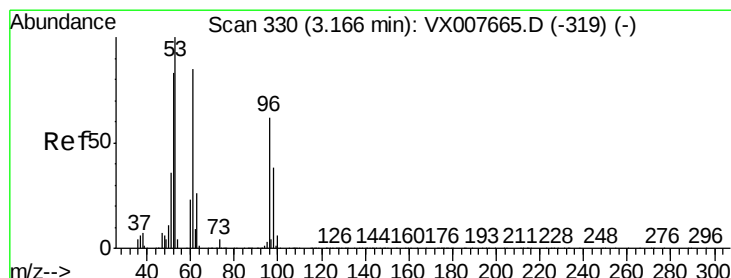
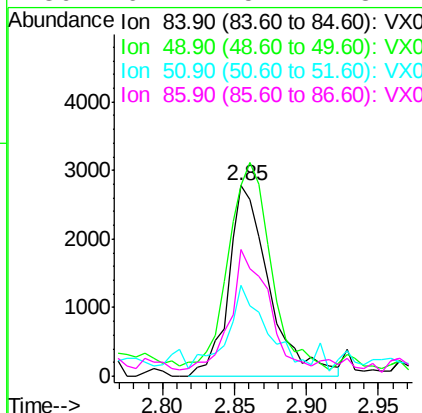
#20
Methvlene Chloride
Concen: 1.173 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tot Ion	84	Resp:	5485
Ion Ratio	Lower	Upper	
84	100		
49	93.3	94.8	142.2#
51	43.6	29.8	44.8
86	62.4	54.1	81.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

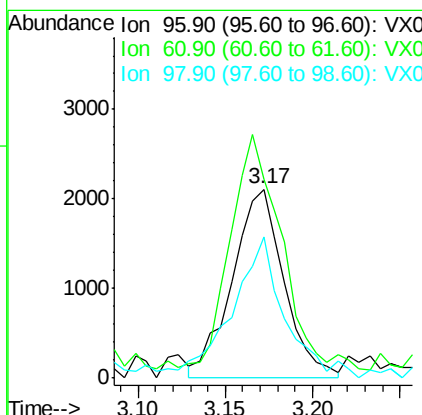
Manual Integrations
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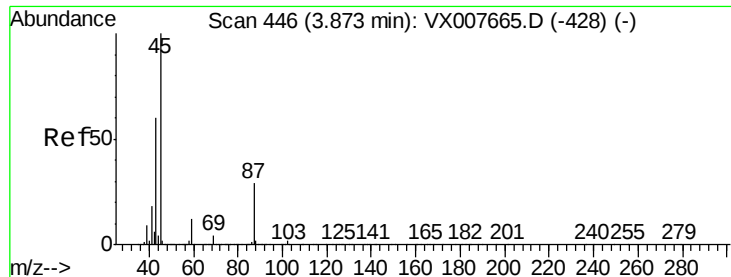
MMDadoda
2/26/2019 2:57:01 PM



#21
trans-1,2-Dichloroethene
Concen: 1.006 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion	96	Resp:	4351
Ion Ratio	Lower	Upper	
96	100		
61	100.8	104.6	156.8#
98	67.8	51.0	76.4





#22

Diisopropyl ether

Concen: 1.070 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

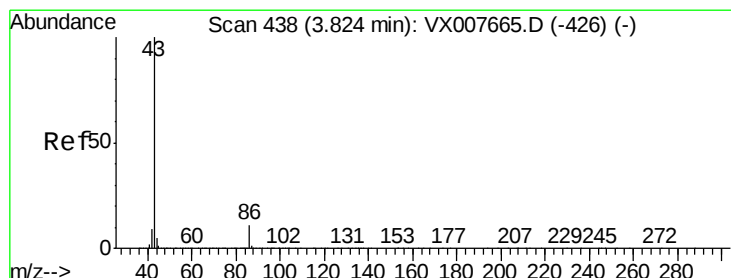
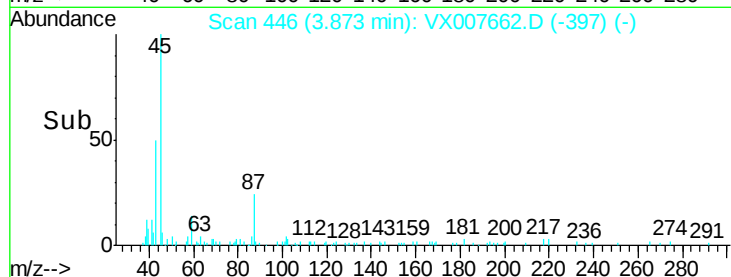
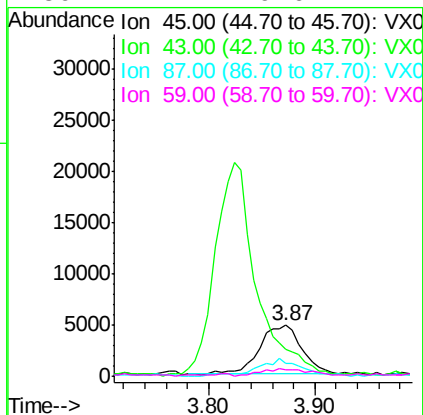
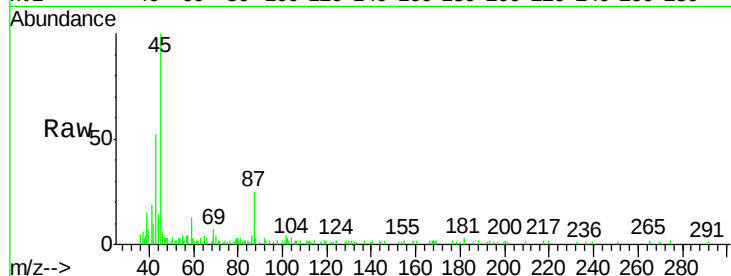
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	13026
Ion	Ratio	Lower	Upper
45	100		
43	49.6	48.9	73.3
87	24.9	23.9	35.9
59	12.4	9.6	14.4

Manual Integrations
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2/26/2019 2:57:01 PM



#23

Vinyl Acetate

Concen: 5.658 ug/l

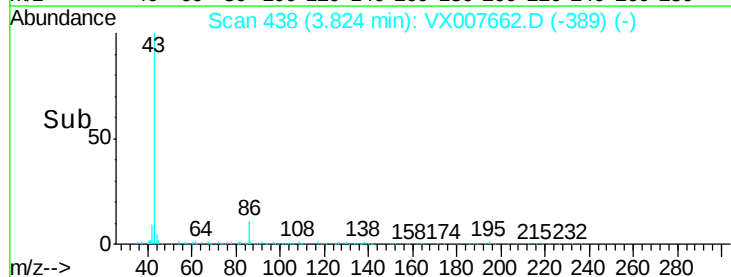
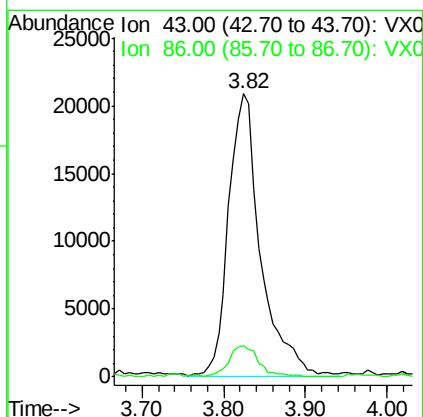
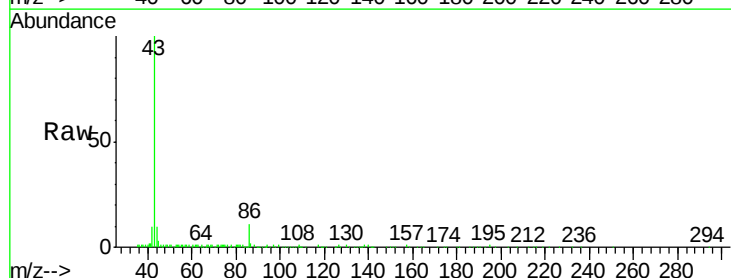
RT: 3.82 min Scan# 438

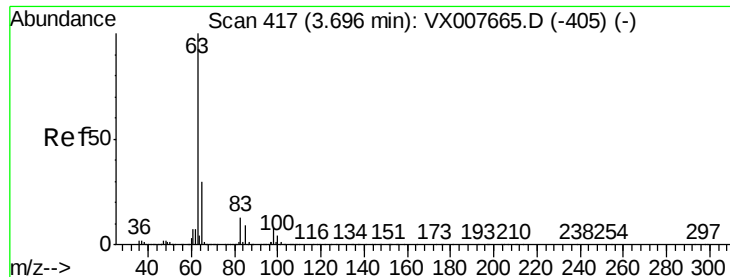
Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion:	43	Resp:	57145
Ion	Ratio	Lower	Upper
43	100		
86	11.0	8.7	13.1





#24

1,1-Dichloroethane

Concen: 1.223 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

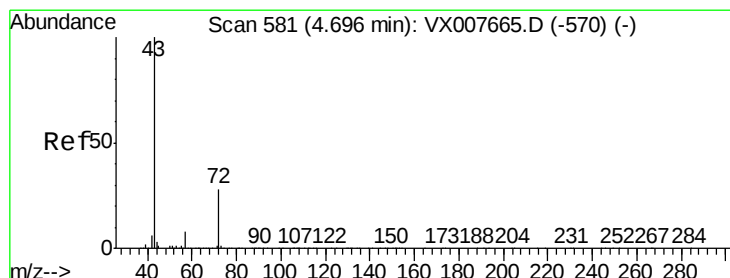
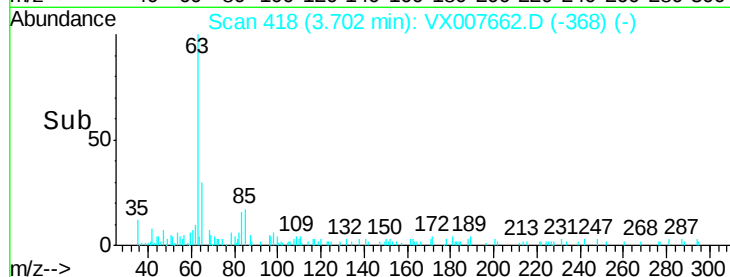
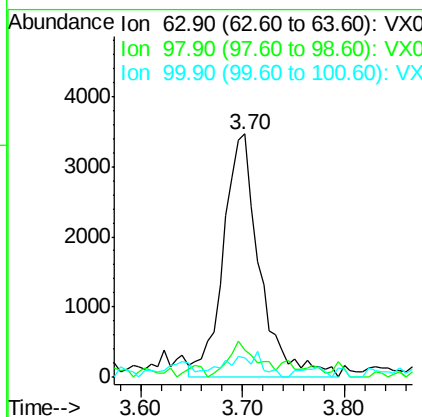
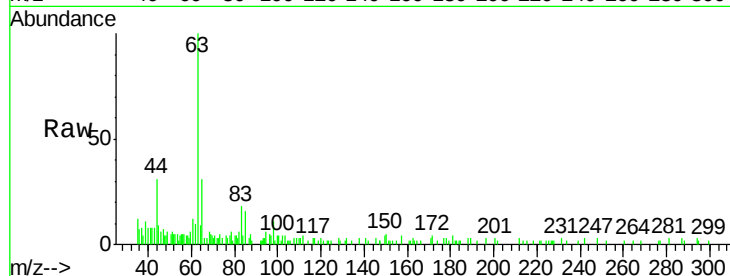
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	8549
Ion Ratio	Lower	Upper	
63	100		
98	8.2	3.6	10.8
100	4.1	2.5	7.4

Manual Integrations
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#25

2-Butanone

Concen: 5.881 ug/l

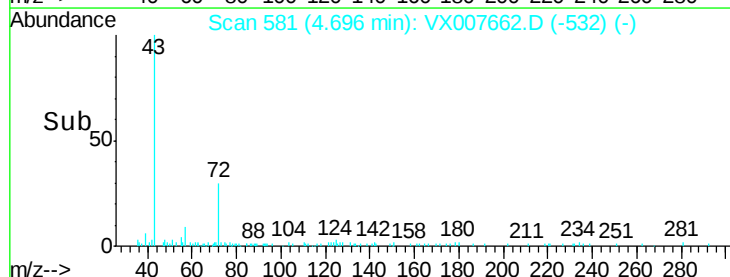
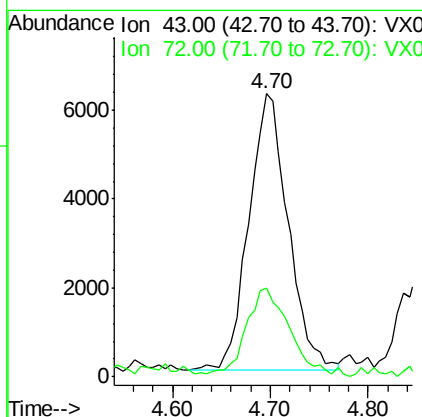
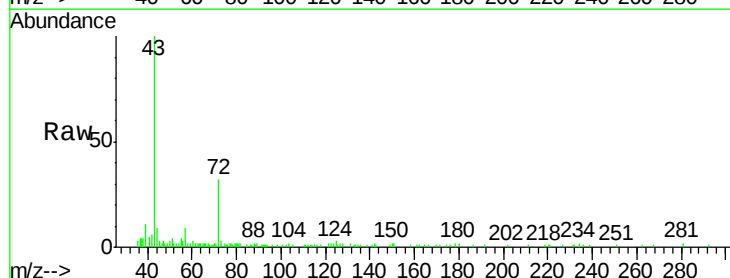
RT: 4.70 min Scan# 581

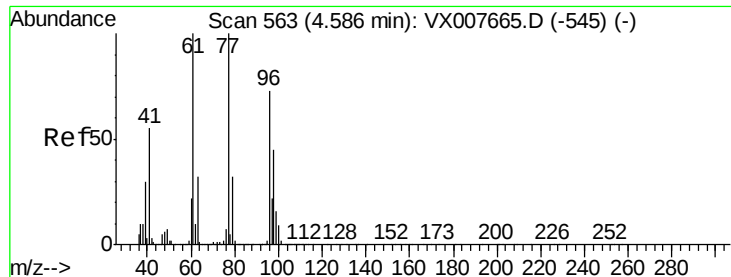
Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion:	43	Resp:	17308
Ion Ratio	Lower	Upper	
43	100		
72	29.6	22.2	33.2





#26

2,2-Dichloropropane

Concen: 1.268 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 77 Resp: 6749

Ion Ratio Lower Upper

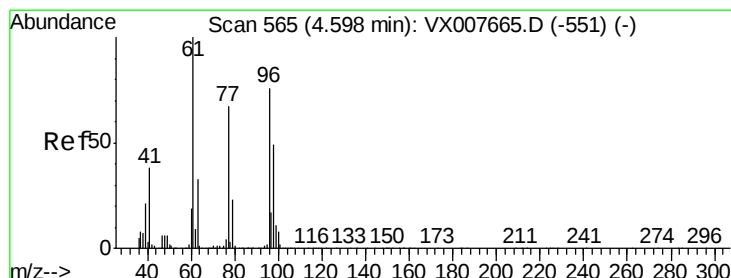
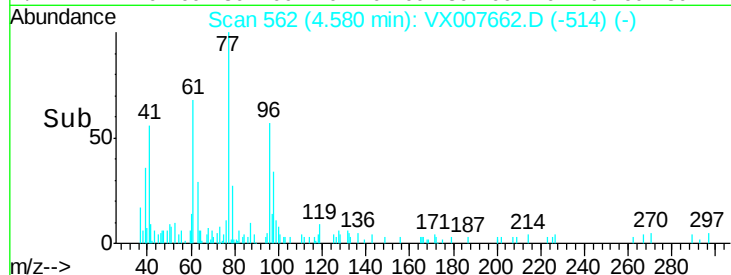
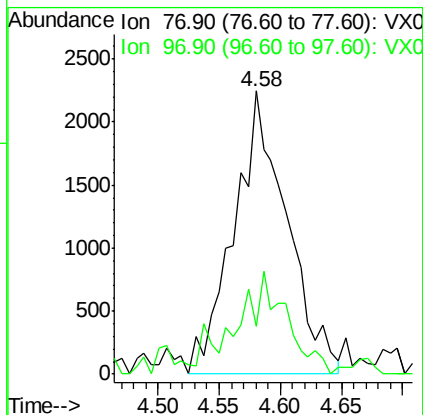
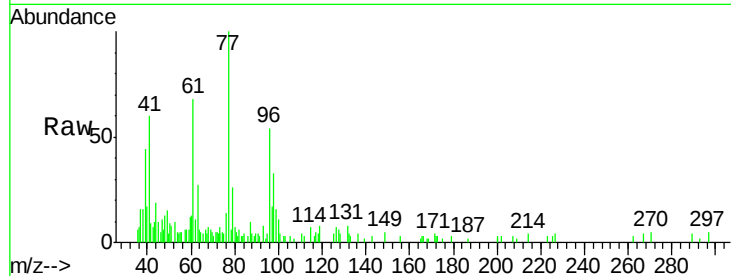
77 100

97 29.9 12.1 36.3

Manual Integrations
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#27

cis-1,2-Dichloroethene

Concen: 1.203 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

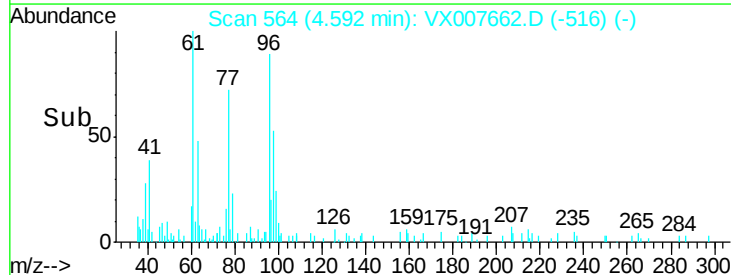
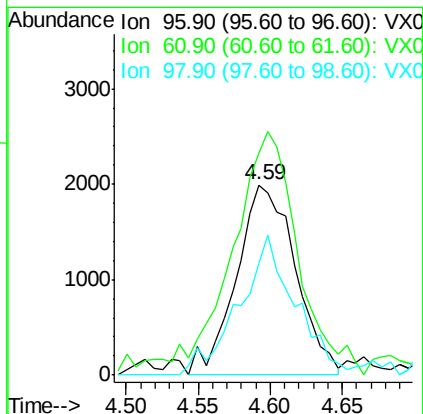
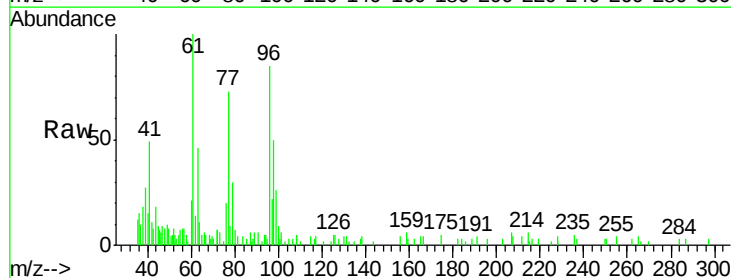
Tgt Ion: 96 Resp: 5683

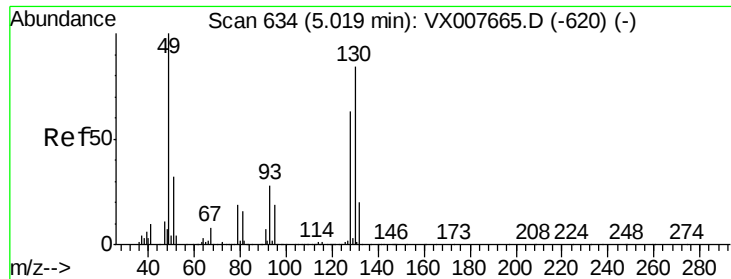
Ion Ratio Lower Upper

96 100

61 144.5 0.0 265.6

98 69.9 0.0 131.6





#28

Bromochloromethane

Concen: 1.201 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

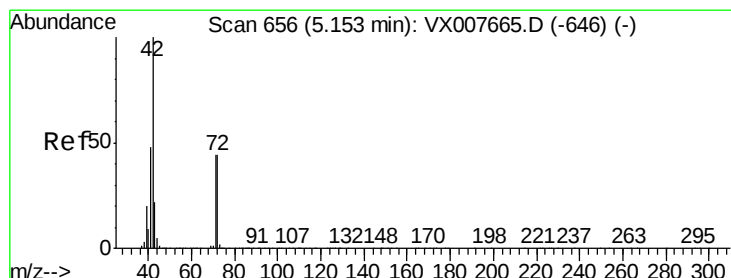
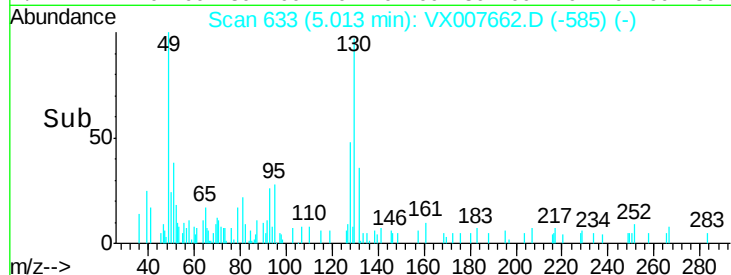
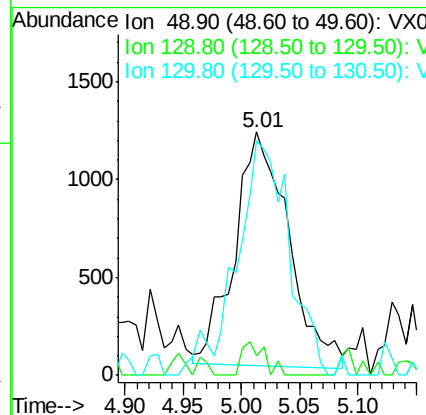
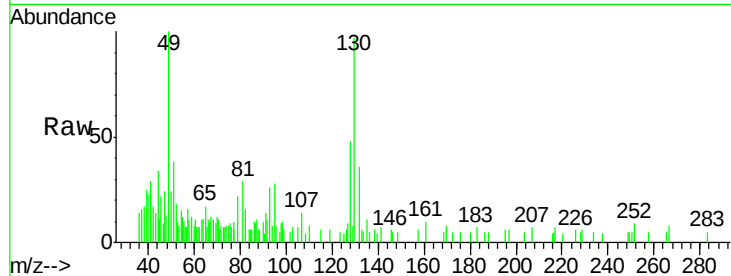
VSTDIC001

Tot Ion: 49 Resp: 3859

Ion	Ratio	Lower	Upper
49	100		
129	6.0	0.0	5.6#
130	92.0	75.6	113.4

Manual Integrations
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2/26/2019 2:57:01 PM



#29

Tetrahydrofuran

Concen: 6.592 ug/l

RT: 5.15 min Scan# 656

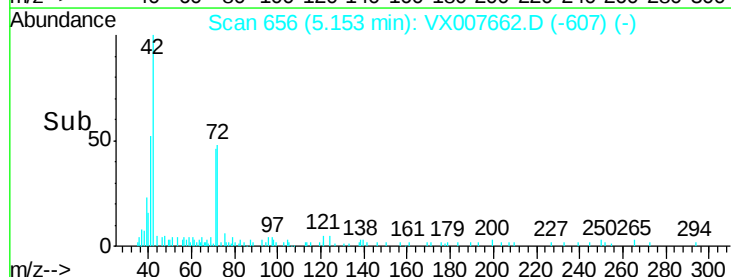
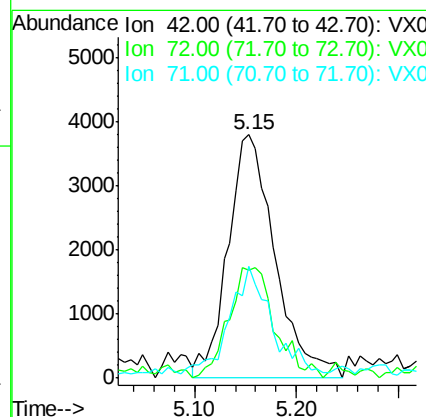
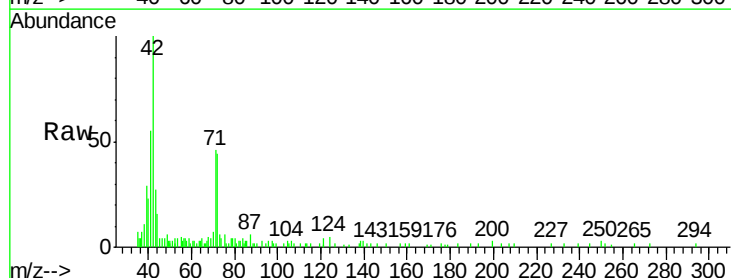
Delta R.T. -0.00 min

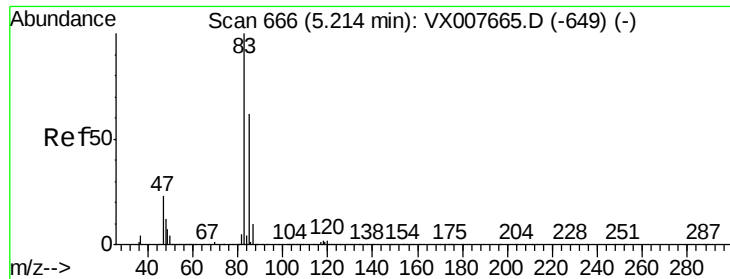
Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion: 42 Resp: 12202

Ion	Ratio	Lower	Upper
42	100		
72	44.5	37.6	56.4
71	39.8	34.6	51.8





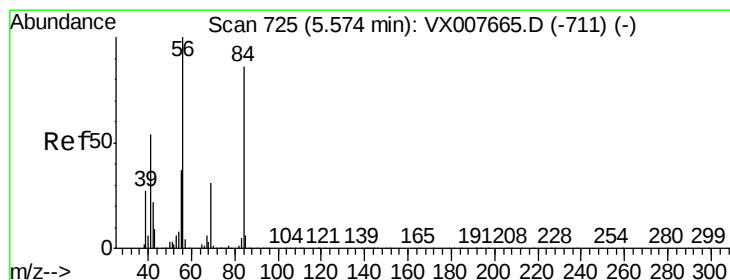
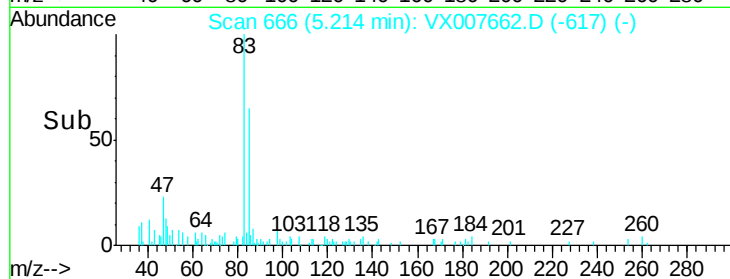
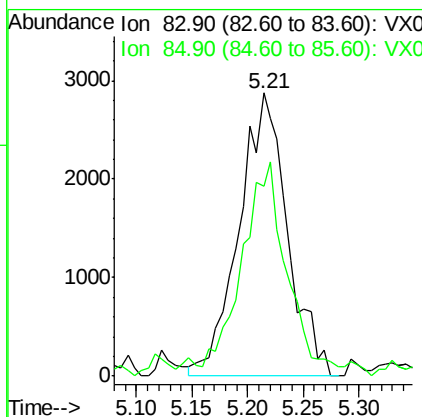
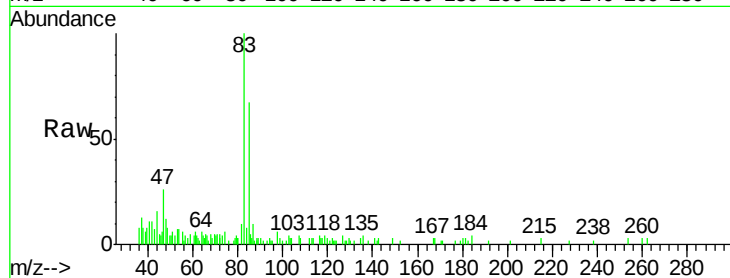
#30
Chloroform
Concen: 1.193 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
83	100		
85	68.4	51.6	77.4

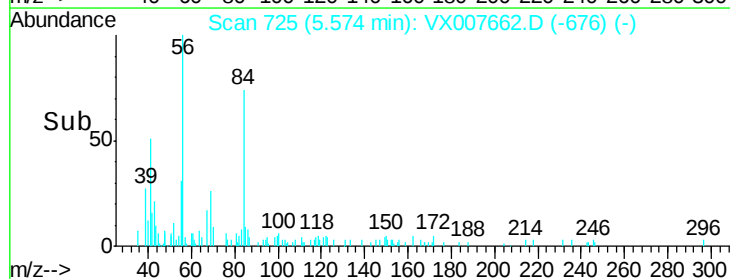
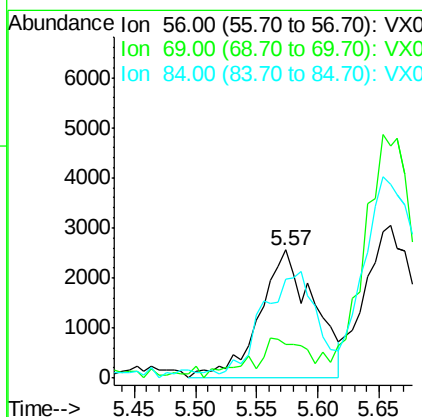
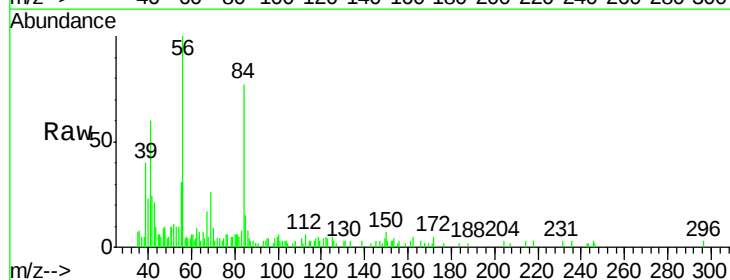
Manual Integrations
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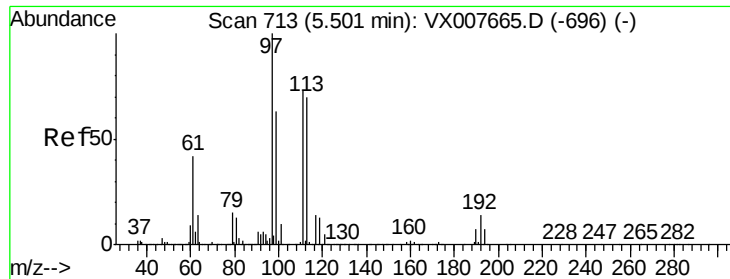
MMDadoda
2/26/2019 2:57:01 PM



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
56	100		
69	19.7	23.0	34.6#
84	72.3	69.8	104.6





#32

1,1,1-Trichloroethane

Concen: 1.111 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

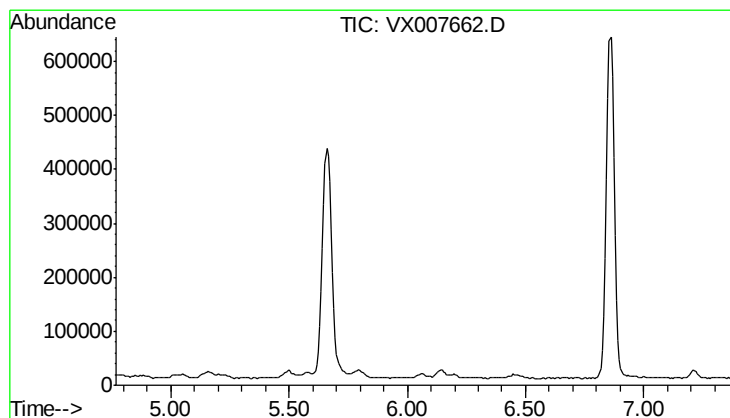
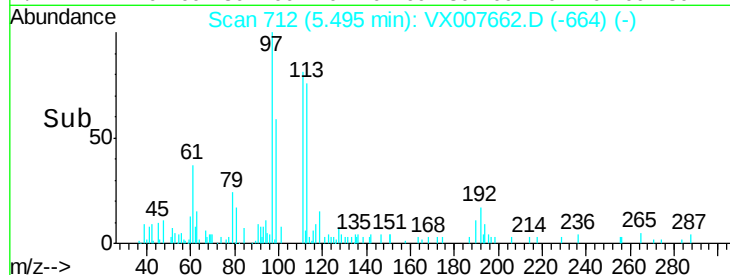
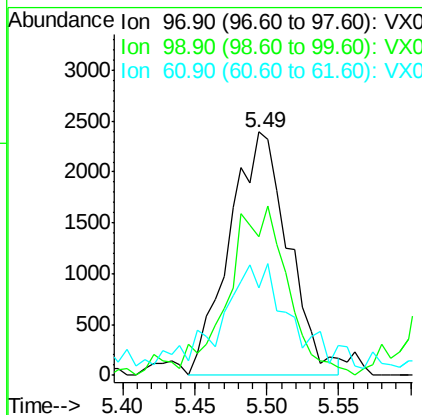
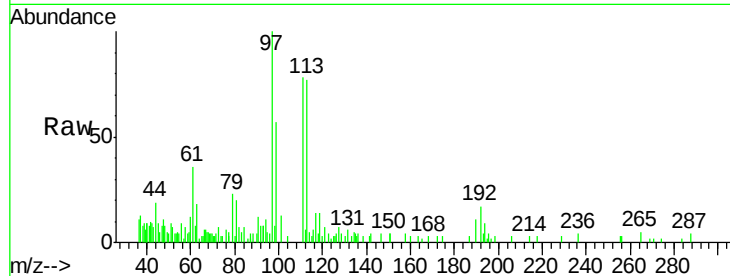
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	6837
Ion Ratio	Lower	Upper	
97	100		
99	0.0	52.2	78.2#
61	51.5	32.7	49.1#

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.07 min

Lab File: VX007662.D

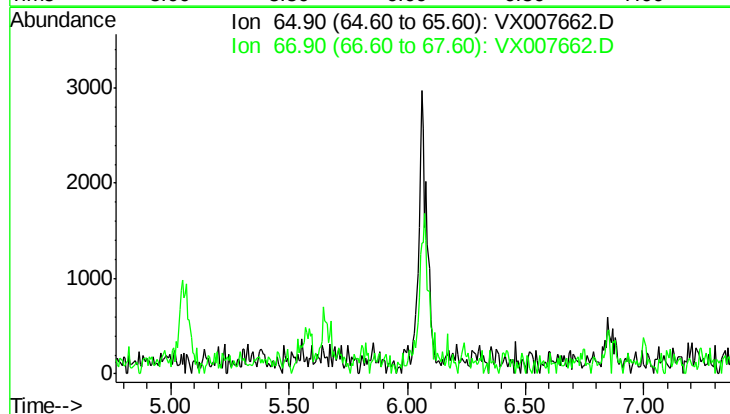
Acq: 25 Feb 2019 09:46

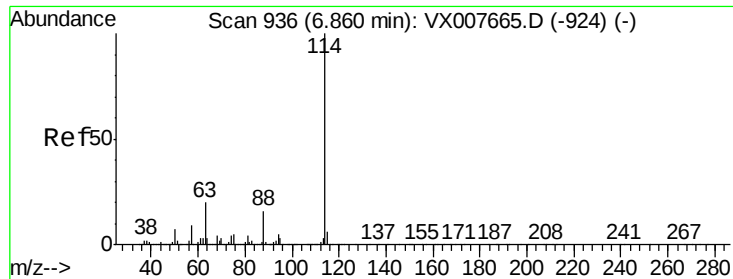
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

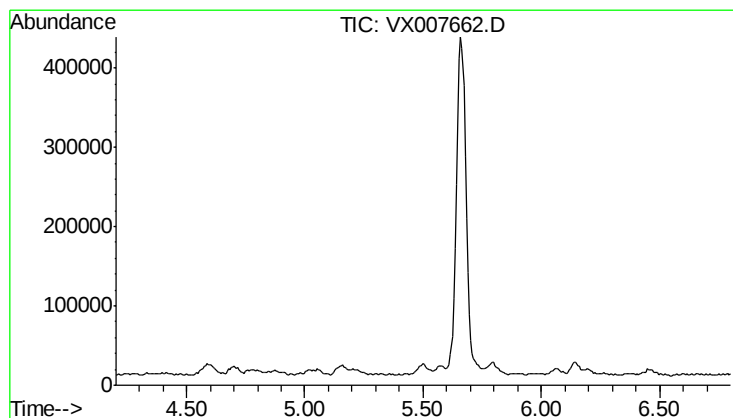
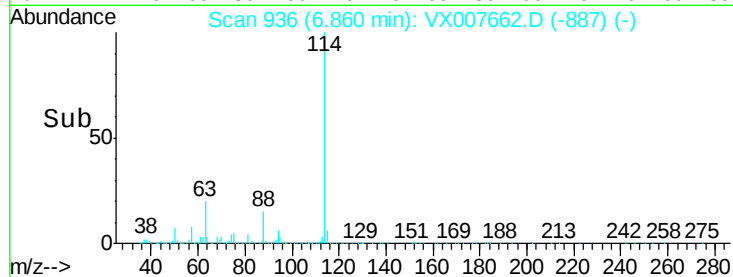
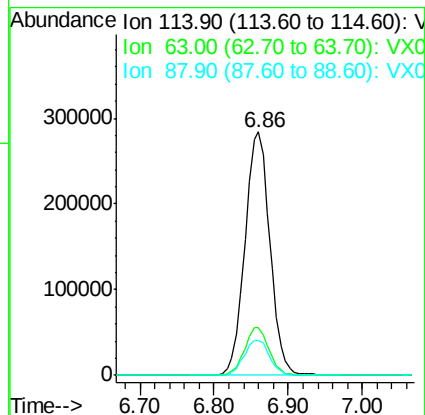
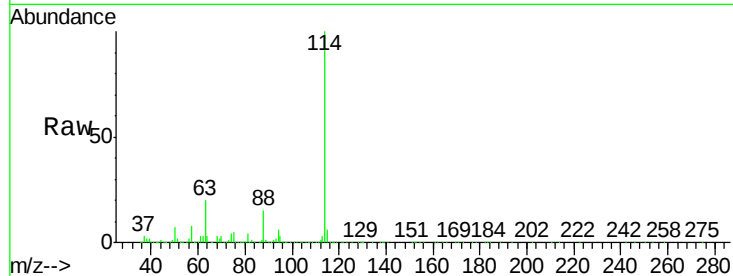
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	668841
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	35.6
88	14.5	0.0	29.6

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#35

Dibromofluoromethane

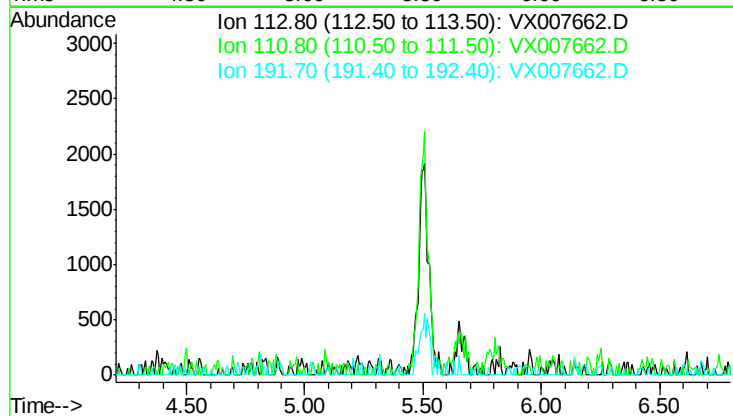
Concen: 0.000 ug/l

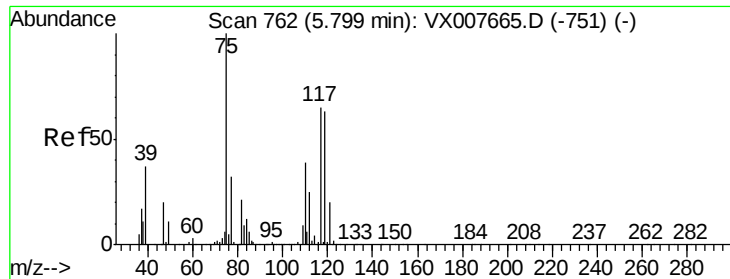
Expected RT: 5.50 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	102.3
192	23.1





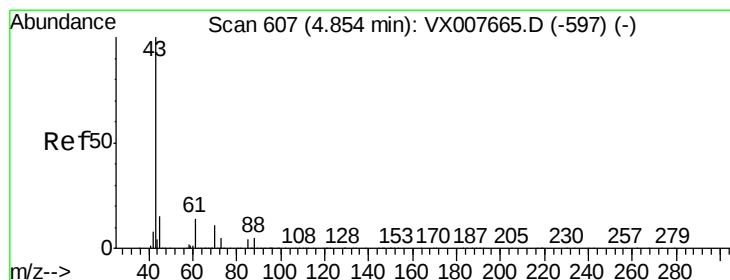
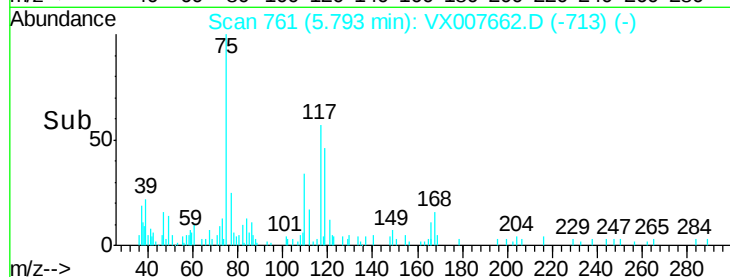
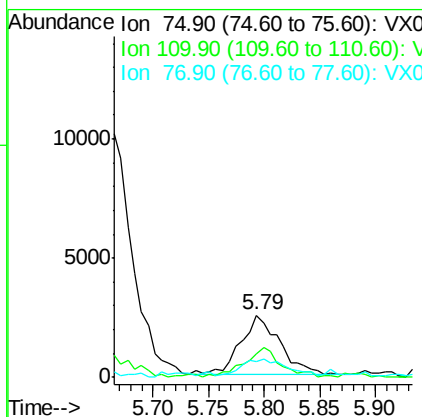
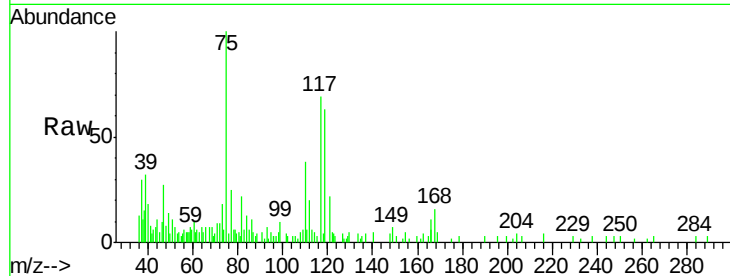
#36
 1,1-Dichloropropene
 Concen: 1.035 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	46.8	20.0	59.9
77	30.1	24.7	37.1

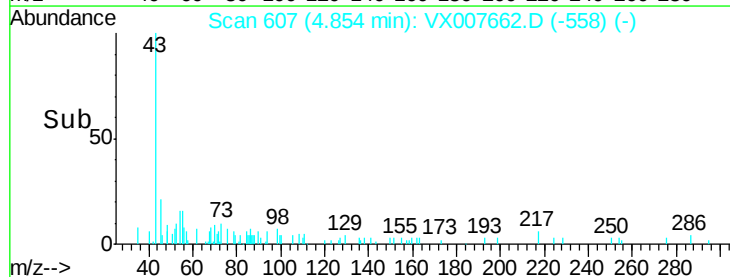
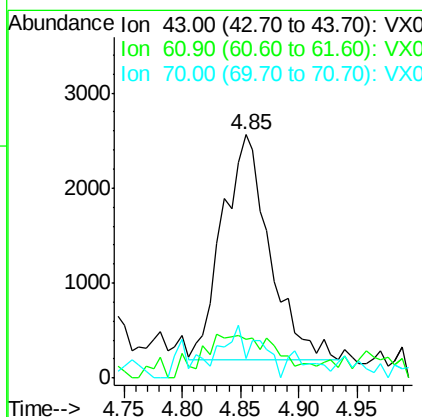
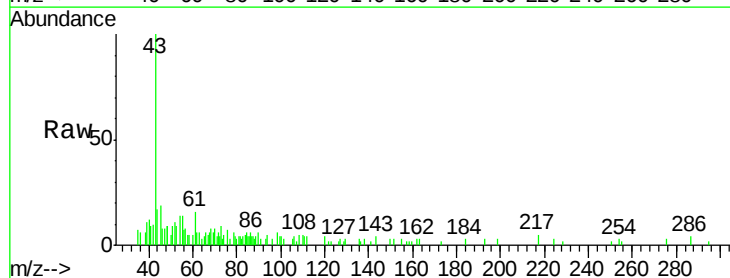
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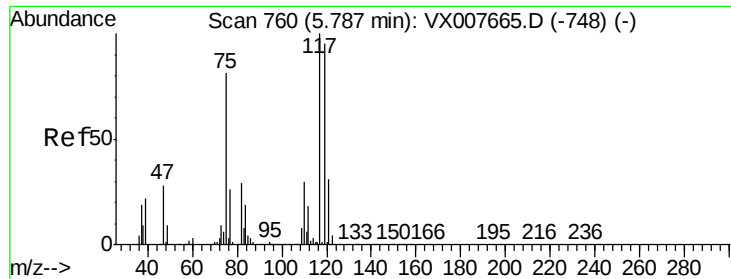
MMDadoda
 2/26/2019 2:57:01 PM



#37
 Ethyl Acetate
 Concen: 1.099 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	6.5	8.6	13.0#





#38

Carbon Tetrachloride

Concen: 1.119 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

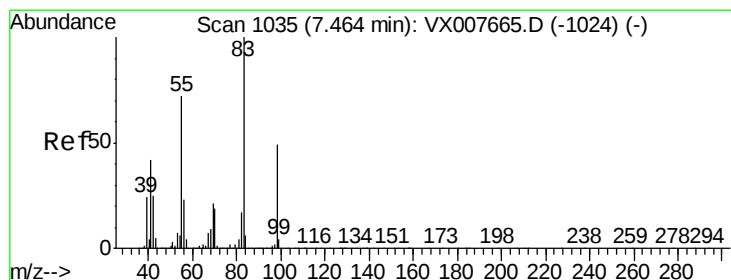
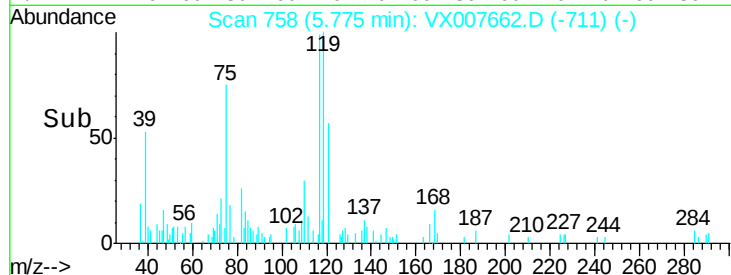
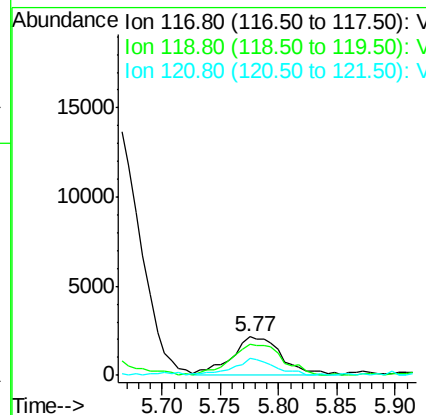
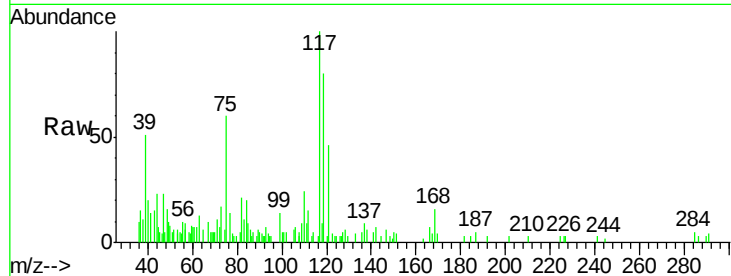
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	80.0	75.3	112.9
121	42.5	25.0	37.4

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.119 ug/l

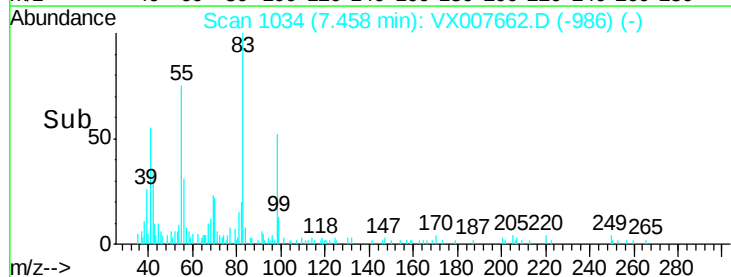
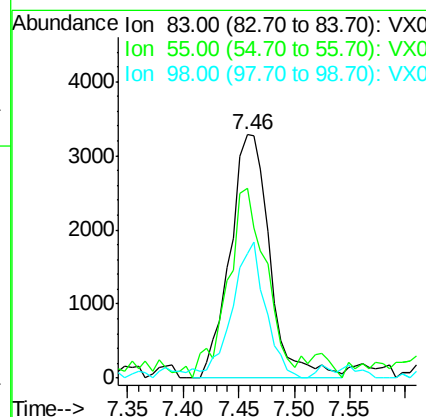
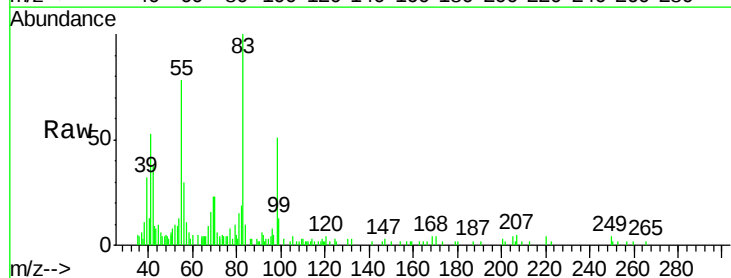
RT: 7.46 min Scan# 1034

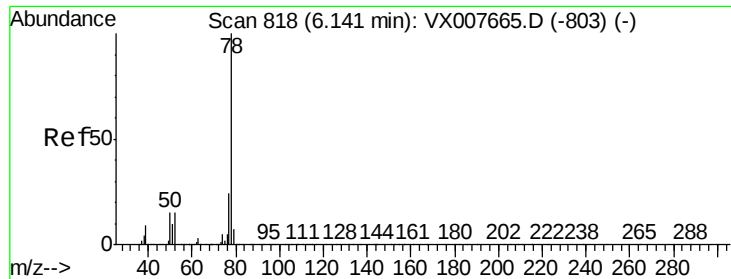
Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.1	56.2	84.2
98	45.3	36.8	55.2





#40

Benzene

Concen: 1.089 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 19247

Ion Ratio Lower Upper

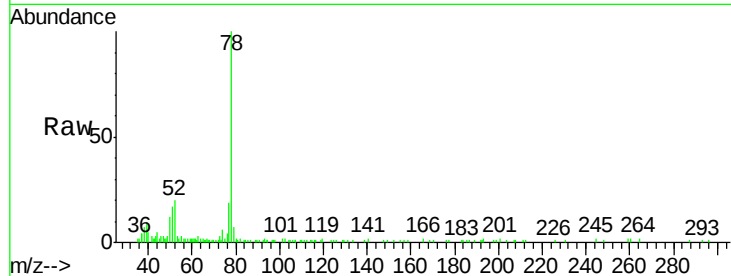
78 100

77 18.3 19.3 28.9#

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

8000

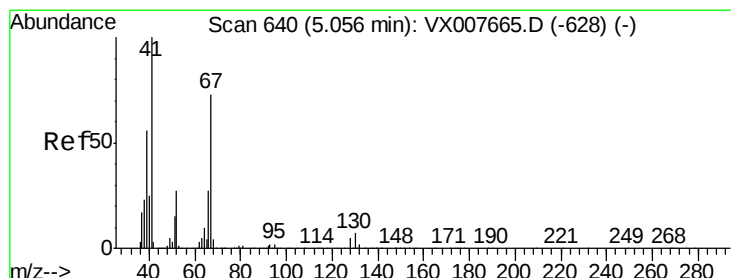
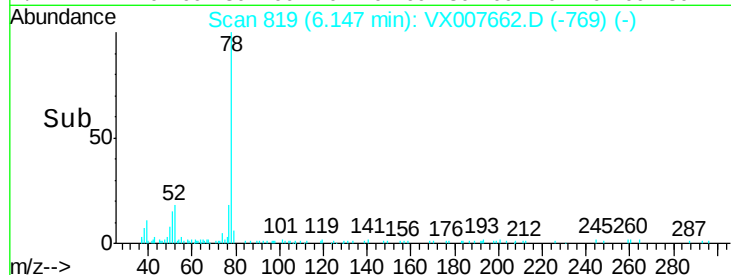
6000

4000

2000

0

Time--> 6.00 6.10 6.20



#41

Methacrylonitrile

Concen: 1.065 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion: 41 Resp: 3463

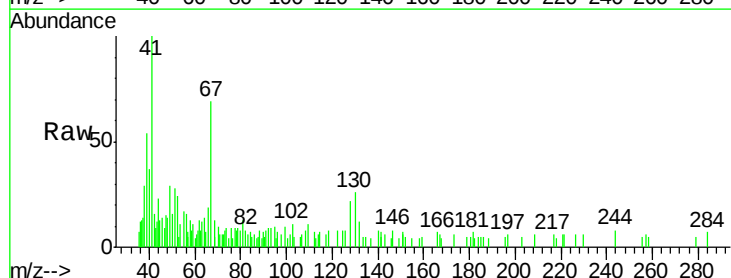
Ion Ratio Lower Upper

41 100

39 78.4 44.5 66.7#

67 86.9 60.4 90.6

52 0.0 24.1 36.1#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

3000

2500

2000

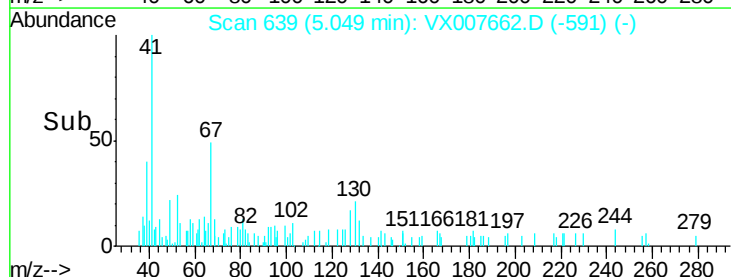
1500

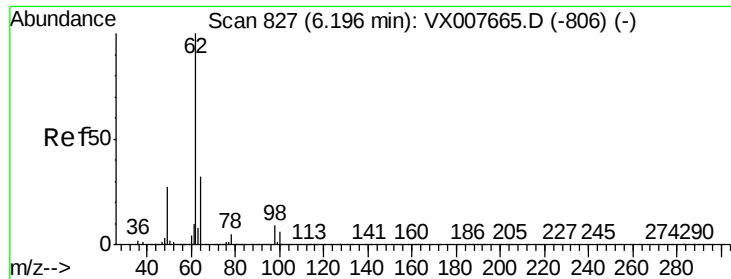
1000

500

0

Time--> 5.00 5.05 5.10





#42

1,2-Dichloroethane

Concen: 1.044 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

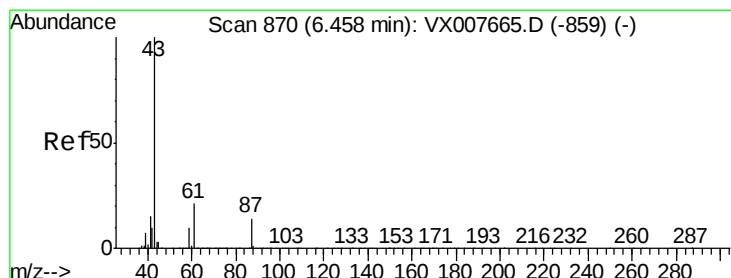
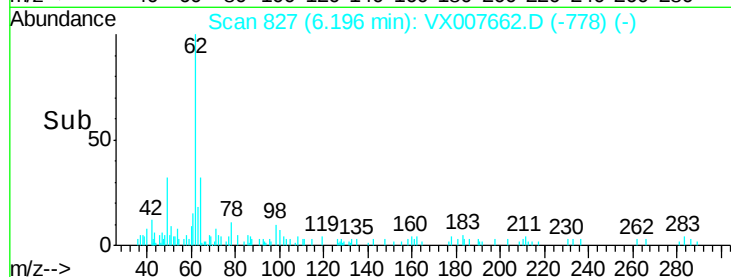
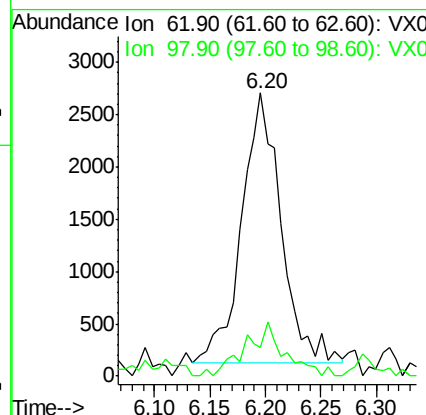
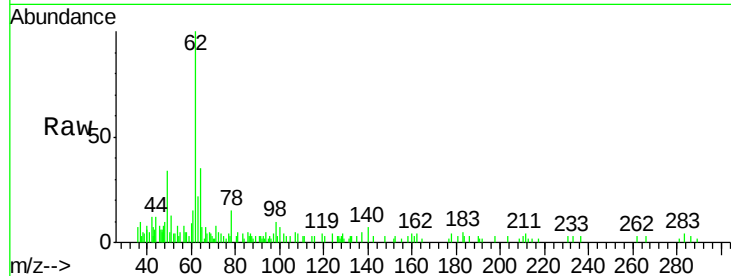
ClientSampleId :

VSTDIC001

Tot Ion:	62	Resp:	6383
Ion Ratio	Lower	Upper	
62	100		
98	19.6	0.0	19.0#

Manual Integrations
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#43

Isopropyl Acetate

Concen: 0.955 ug/l

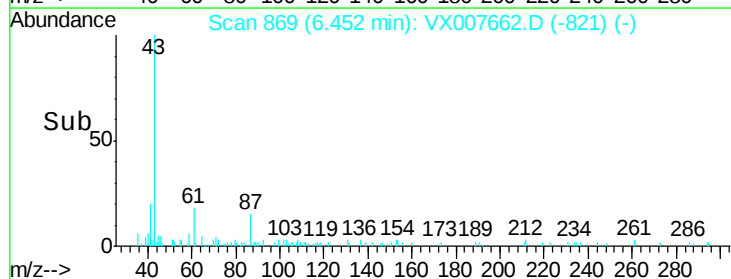
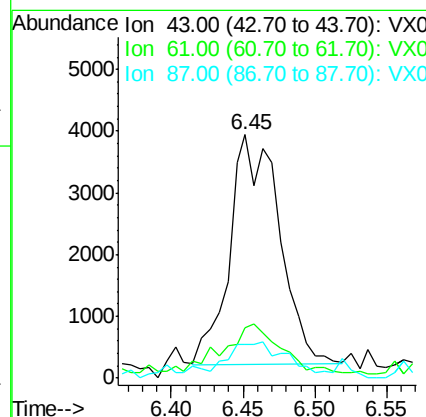
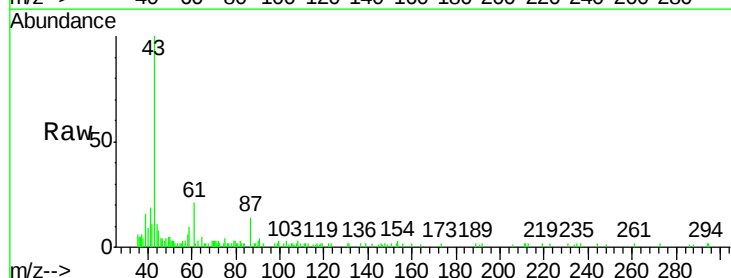
RT: 6.45 min Scan# 869

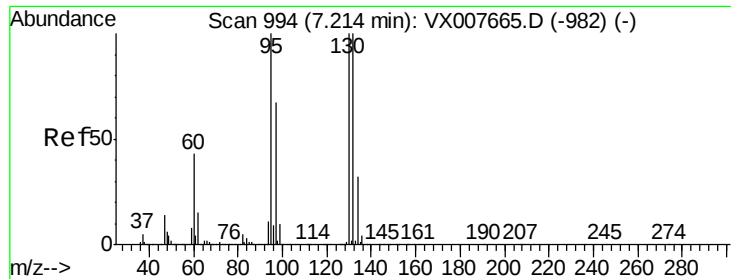
Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion:	43	Resp:	8939
Ion Ratio	Lower	Upper	
43	100		
61	27.9	16.1	24.1#
87	20.0	11.5	17.3#





#44

Trichloroethene

Concen: 1.003 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 5342

Ion Ratio Lower Upper

130 100

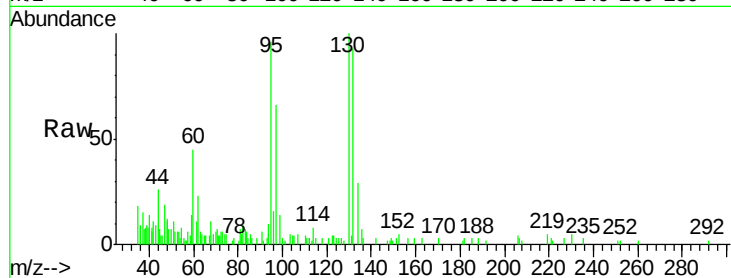
95 93.2 0.0 180.0

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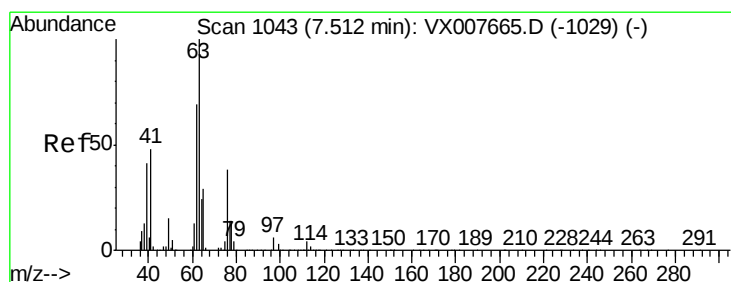
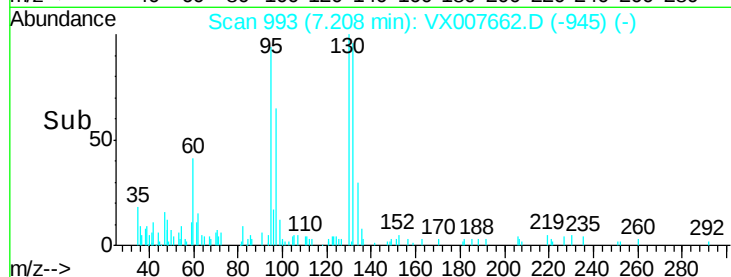
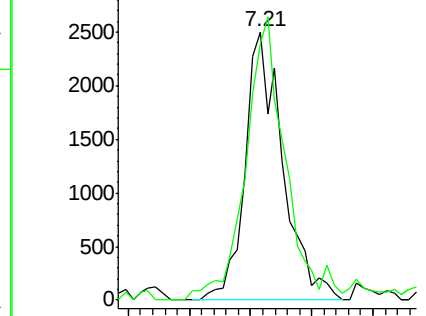
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.135 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX007662.D

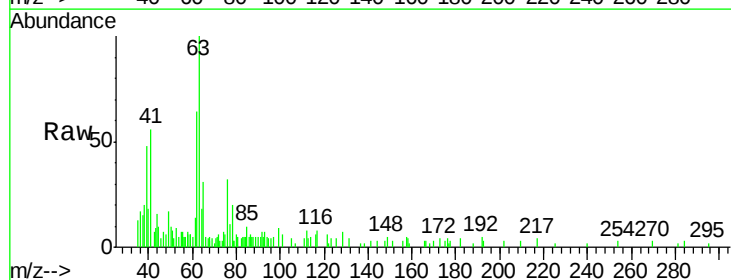
Acq: 25 Feb 2019 09:46

Tgt Ion: 63 Resp: 5028

Ion Ratio Lower Upper

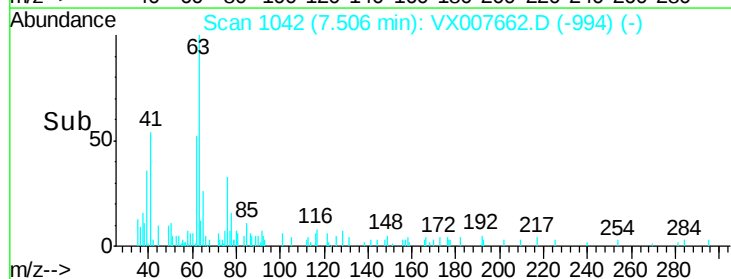
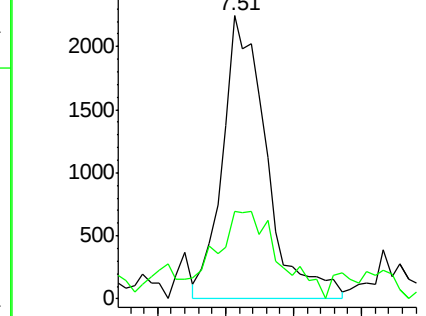
63 100

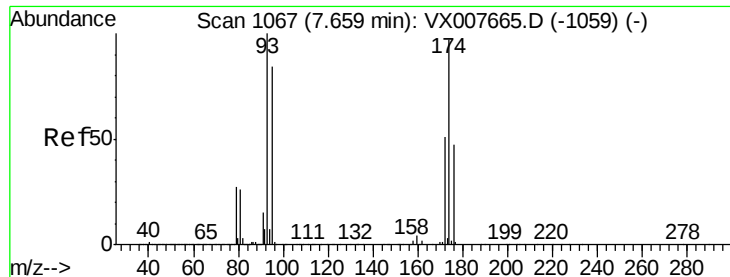
65 24.1 24.2 36.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 1.225 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

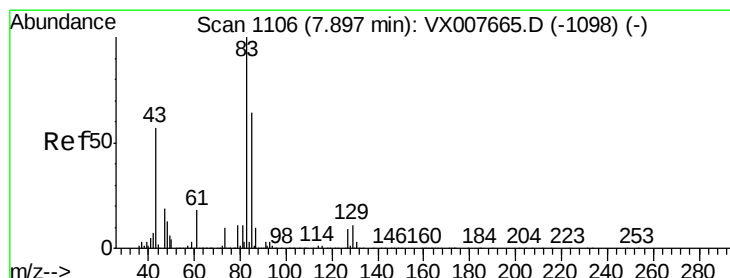
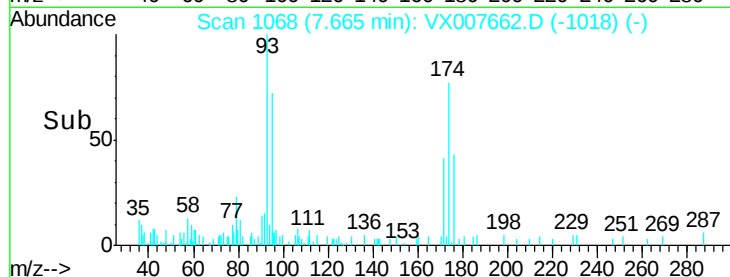
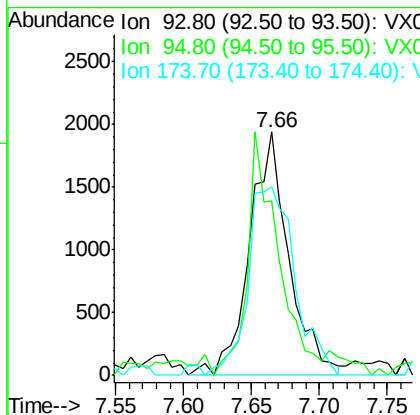
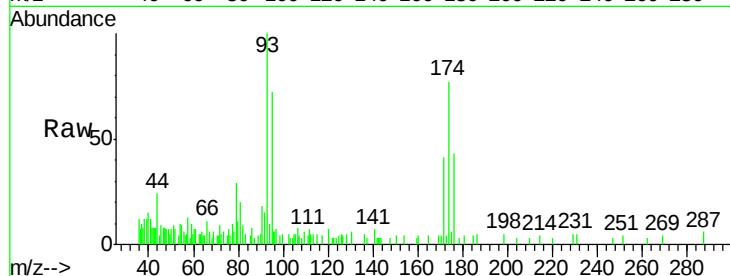
ClientSampled :

VSTDIC001

Tot Ion:	93	Resp:	3944
Ion	Ratio	Lower	Upper
93	100		
95	77.6	67.6	101.4
174	91.8	94.2	141.4#

Manual Integrations
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#47

Bromodichloromethane

Concen: 0.979 ug/l

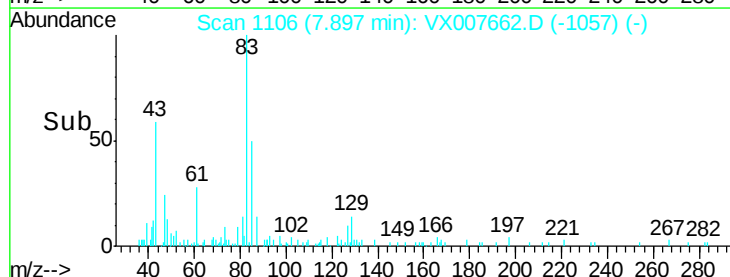
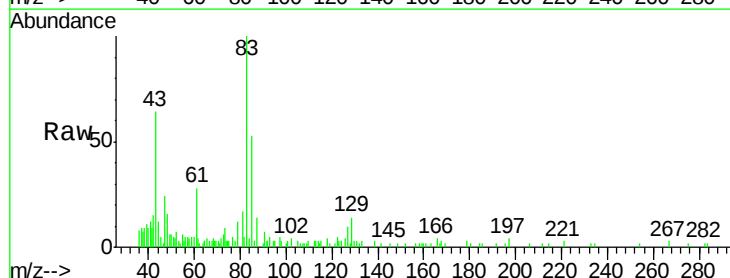
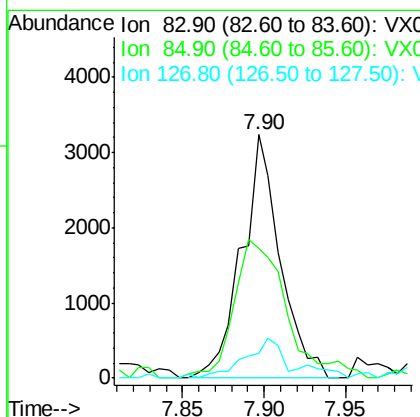
RT: 7.90 min Scan# 1106

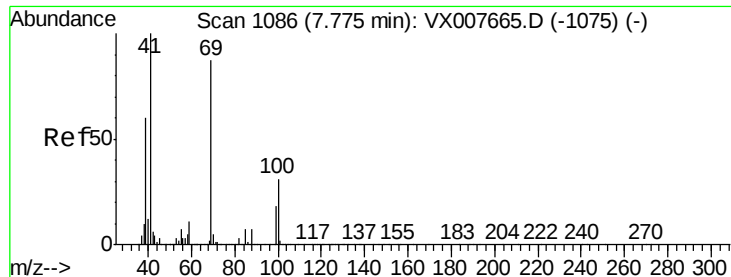
Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion:	83	Resp:	5340
Ion	Ratio	Lower	Upper
83	100		
85	51.1	51.4	77.0#
127	8.3	8.1	12.1





#48

Methvl methacrylate

Concen: 1.145 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

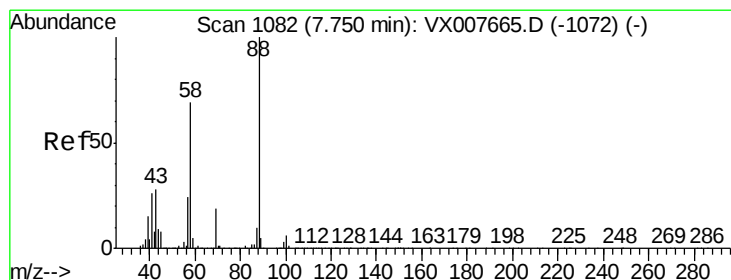
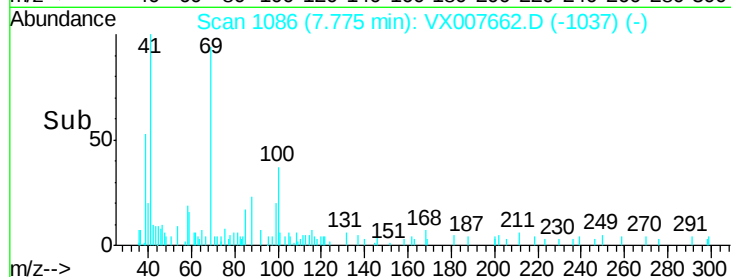
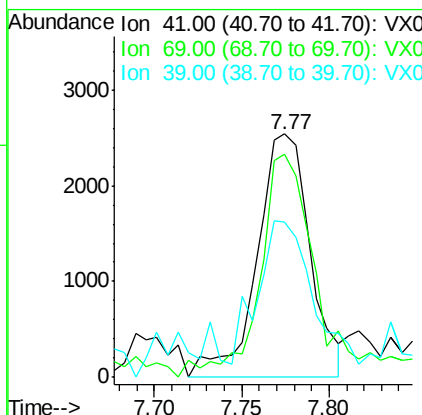
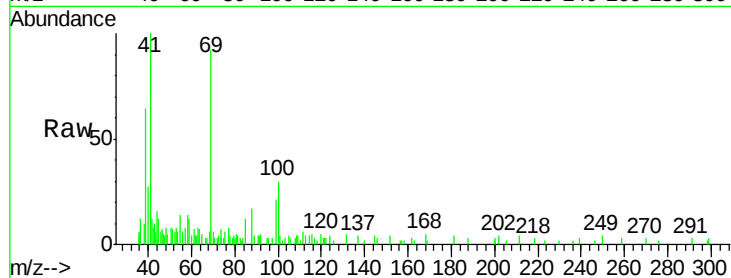
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	5361
Ion Ratio	Lower	Upper	
41	100		
69	98.1	70.2	105.4
39	61.5	47.4	71.0

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#49

1,4-Dioxane

Concen: 21.079 ug/l

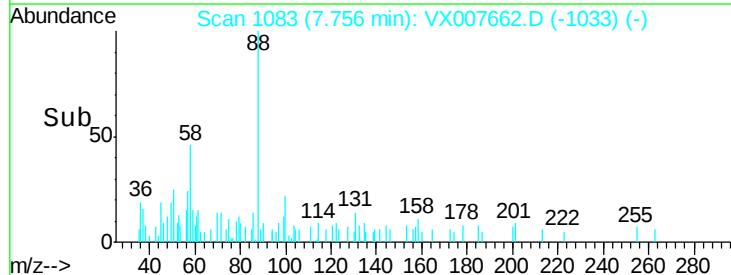
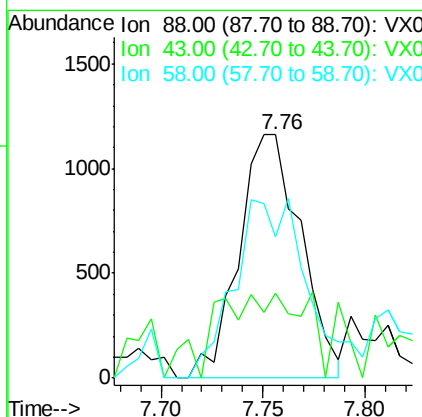
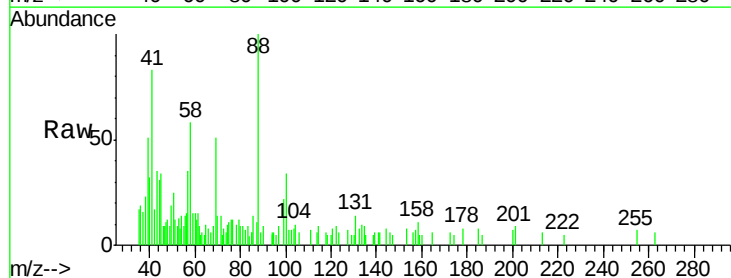
RT: 7.76 min Scan# 1083

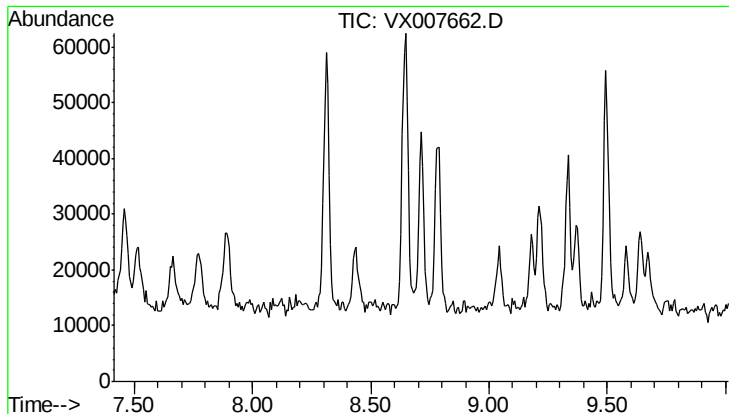
Delta R.T. 0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion:	88	Resp:	2457
Ion Ratio	Lower	Upper	
88	100		
43	0.0	24.2	36.4#
58	87.3	53.0	79.4#





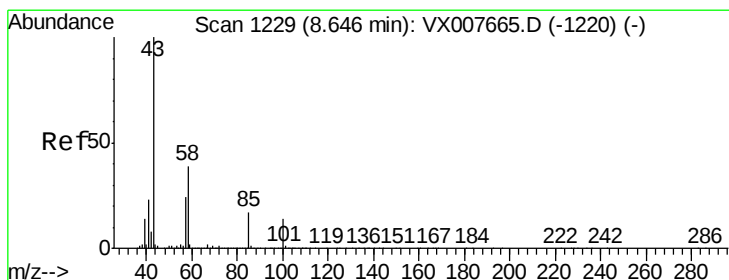
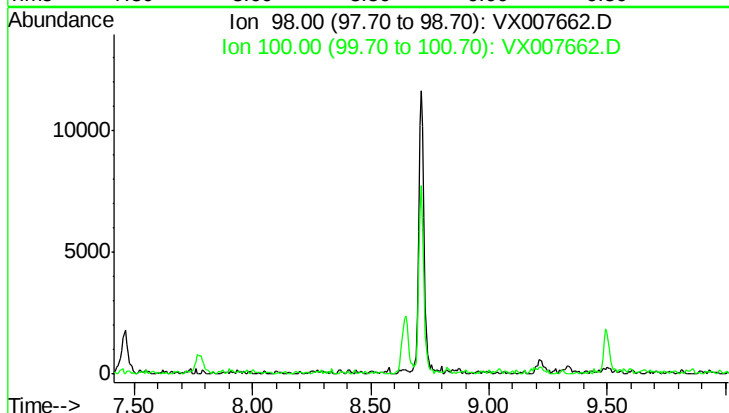
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.5

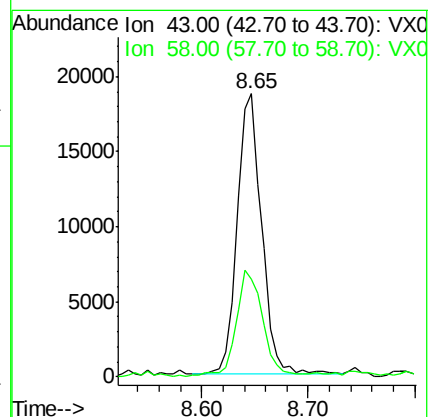
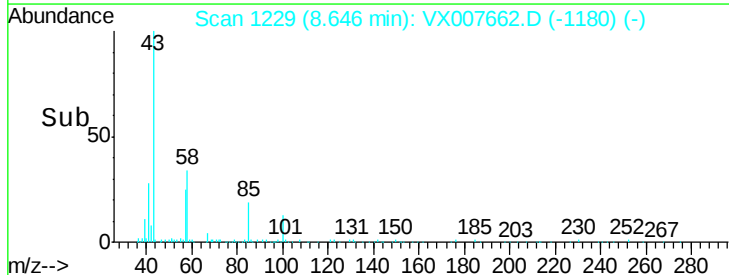
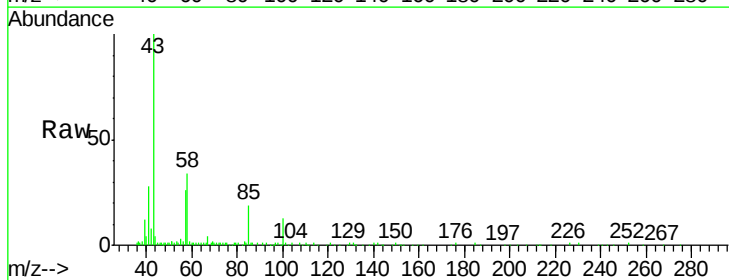
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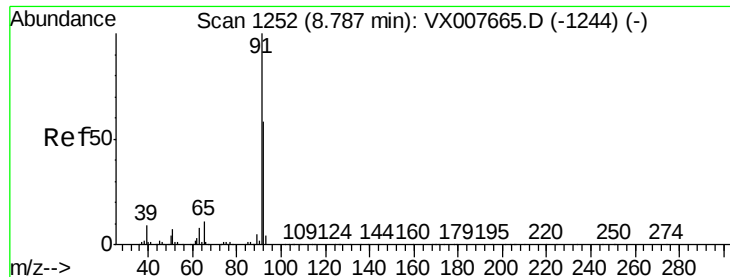
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.870 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion: 43 Resp: 30022
Ion Ratio Lower Upper
43 100
58 42.1 31.2 46.8





#52

Toluene

Concen: 1.006 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 11472

Ion Ratio Lower Upper

92 100

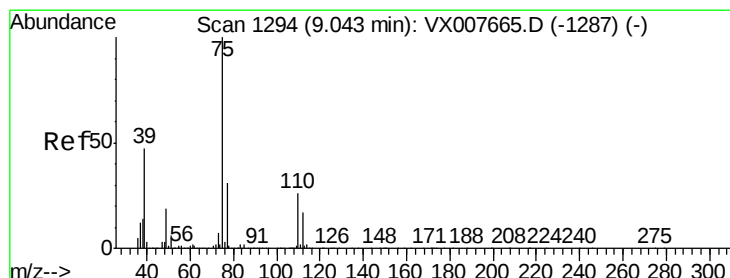
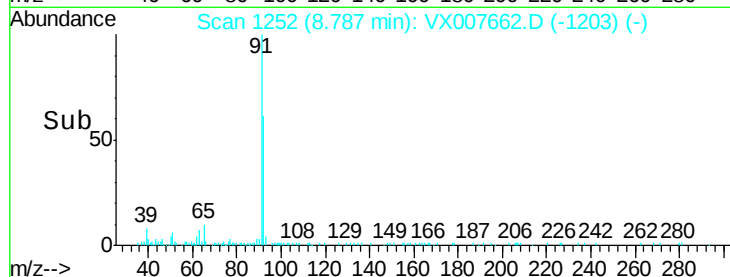
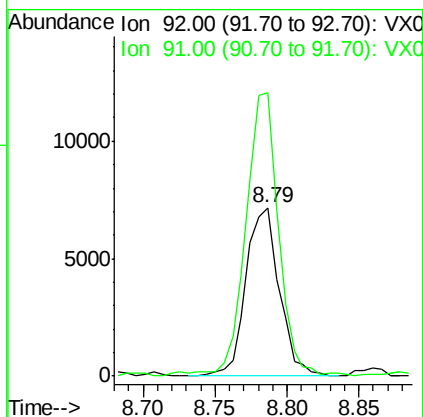
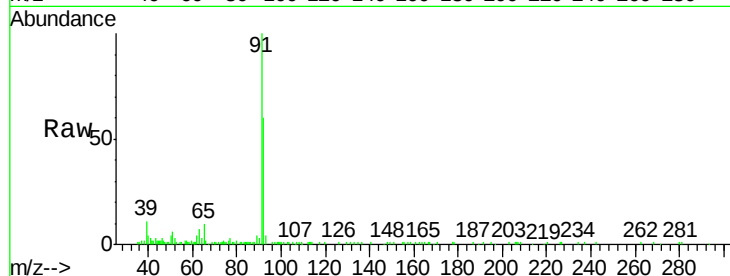
91 164.5 139.1 208.7

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 0.844 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007662.D

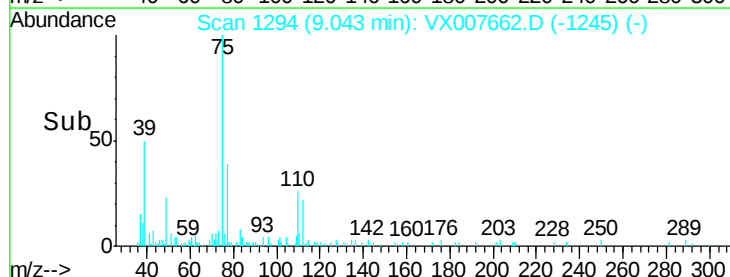
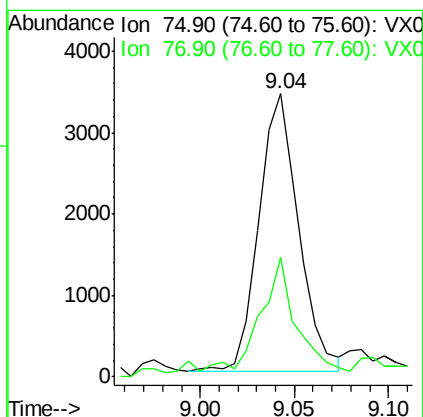
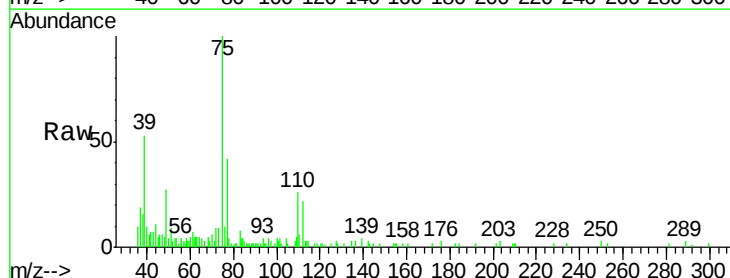
Acq: 25 Feb 2019 09:46

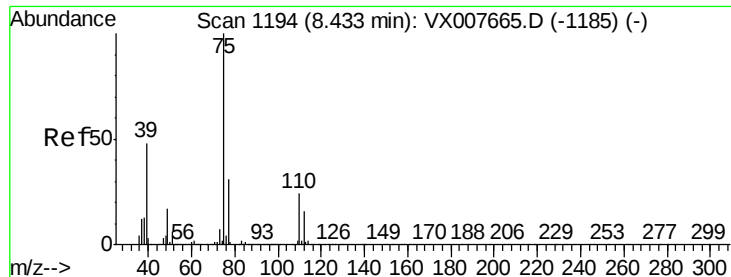
Tgt Ion: 75 Resp: 4947

Ion Ratio Lower Upper

75 100

77 39.8 25.2 37.8#





#54

cis-1,3-Dichloropropene

Concen: 0.960 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

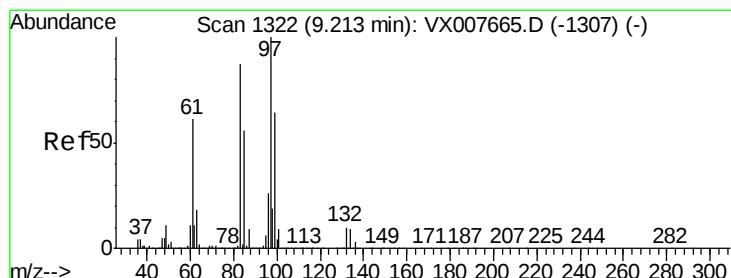
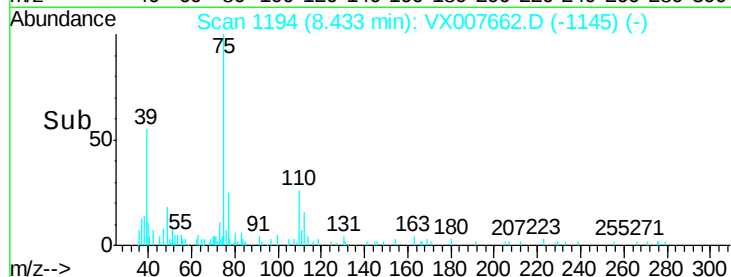
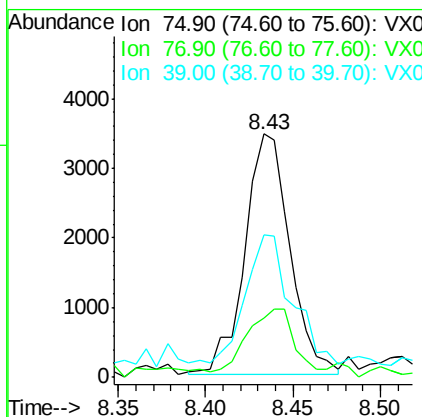
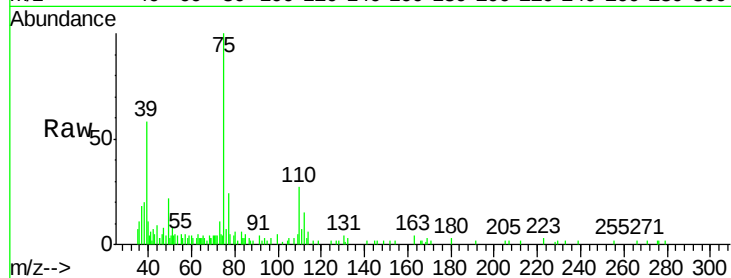
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	6185
Ion	Ratio	Lower	Upper
75	100		
77	22.5	26.2	39.4#
39	54.3	37.1	55.7

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#55

1,1,2-Trichloroethane

Concen: 1.080 ug/l

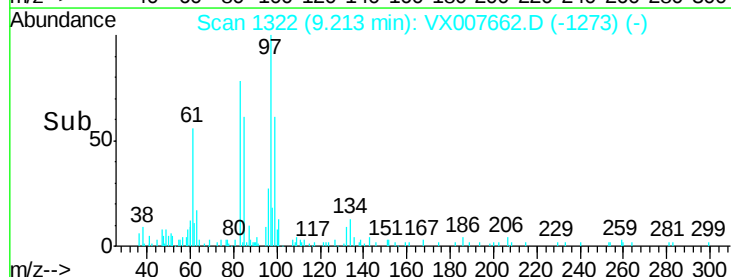
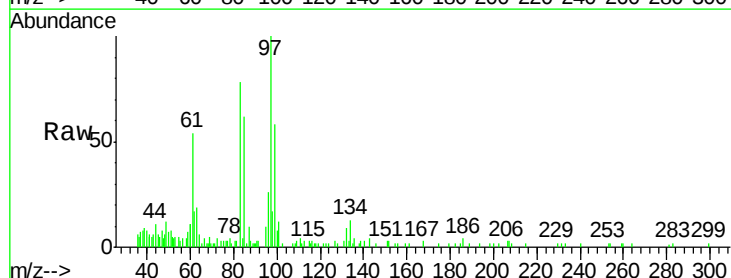
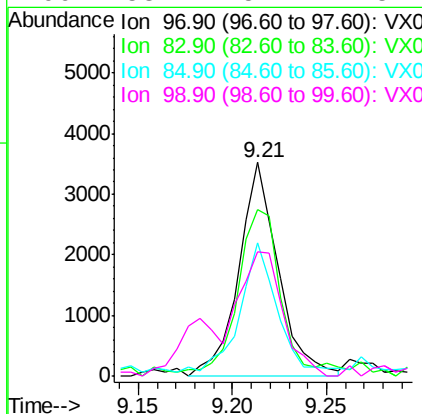
RT: 9.21 min Scan# 1322

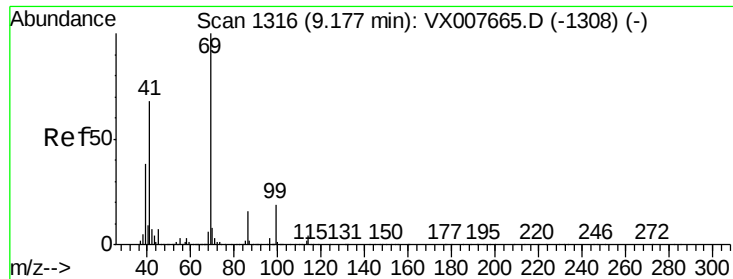
Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion:	97	Resp:	5136
Ion	Ratio	Lower	Upper
97	100		
83	75.1	68.6	102.8
85	58.6	44.5	66.7
99	58.1	52.2	78.4





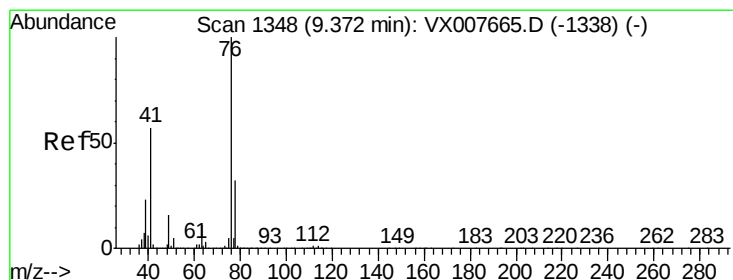
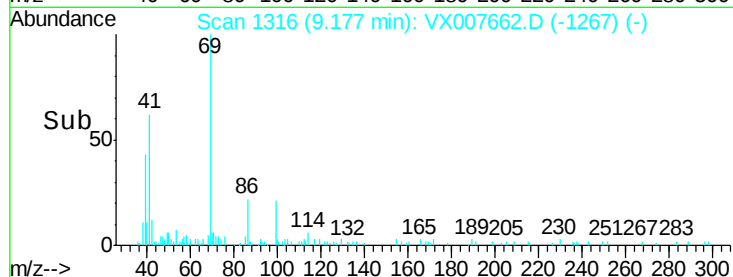
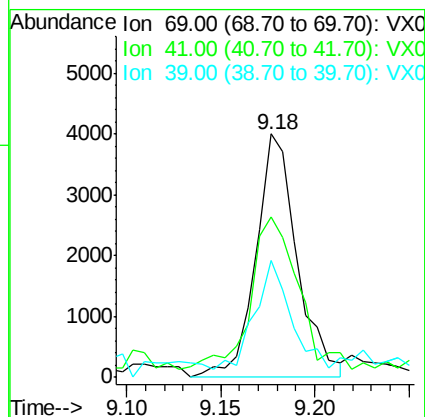
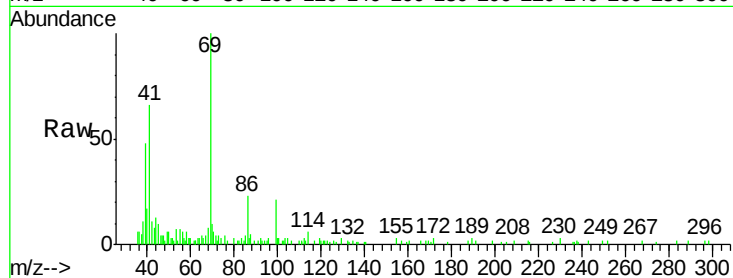
#56
Ethyl methacrylate
Concen: 0.924 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	73.0	52.1	78.1
39	43.2	30.1	45.1

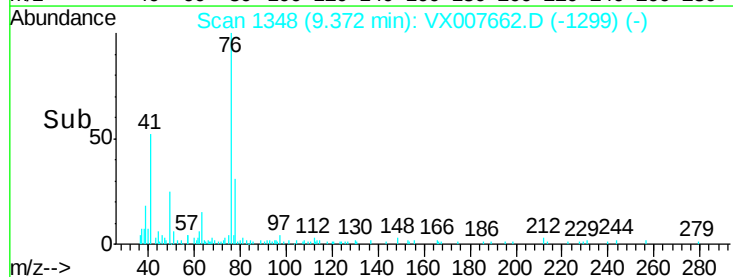
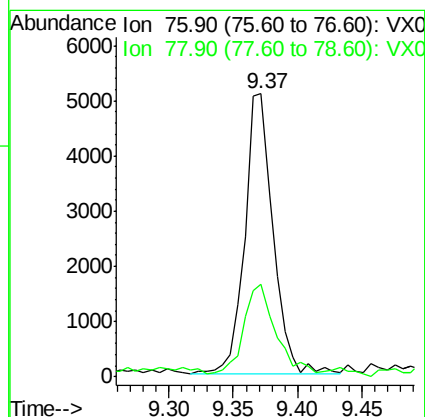
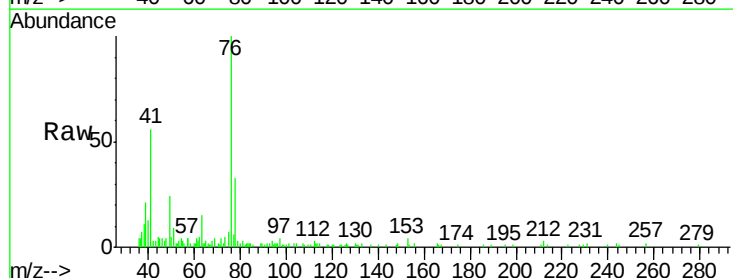
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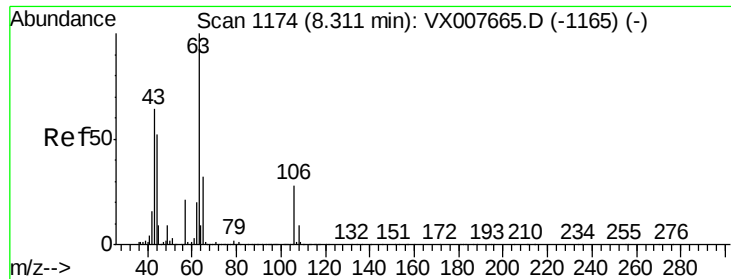
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#57
1,3-Dichloropropane
Concen: 1.018 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
76	100		
78	35.5	25.8	38.8





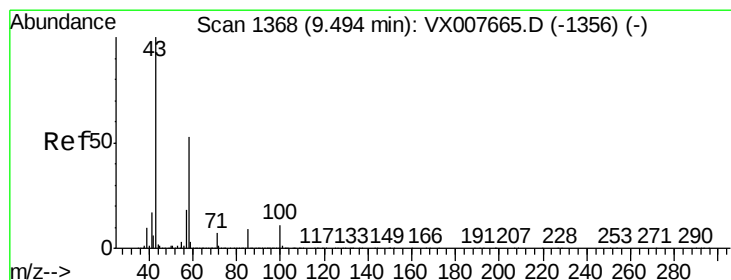
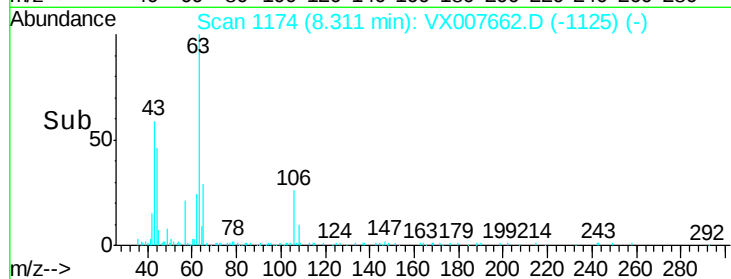
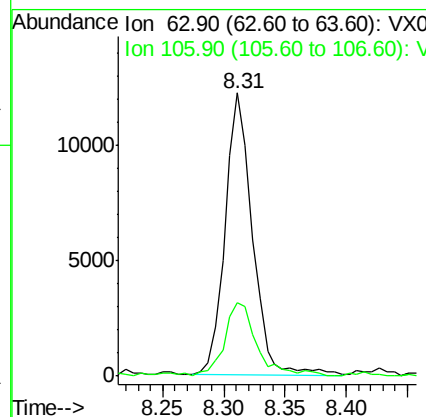
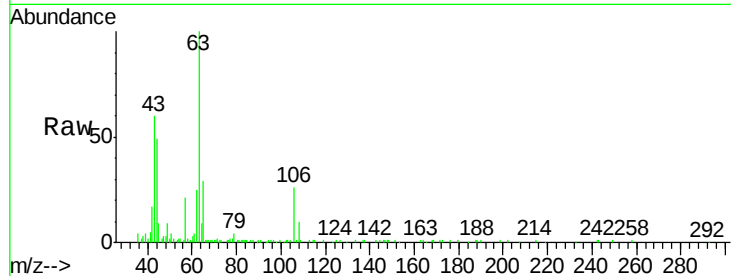
#58
 2-Chloroethyl Vinyl ether
 Concen: 5.453 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion: 63 Resp: 18926
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.6 35.4

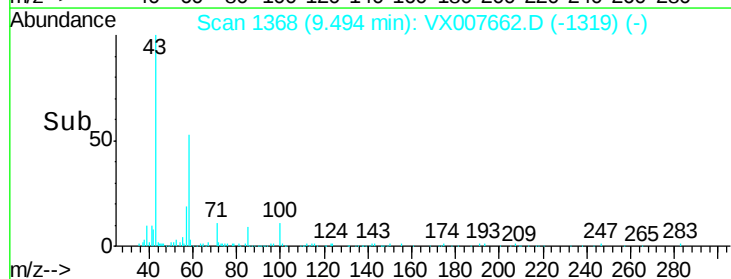
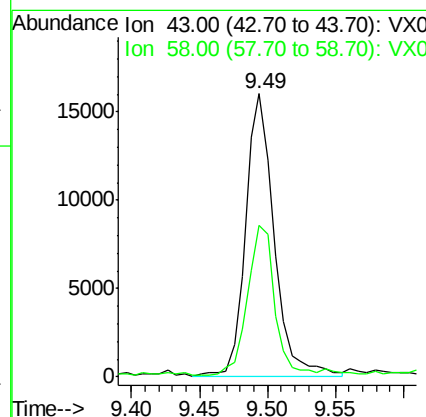
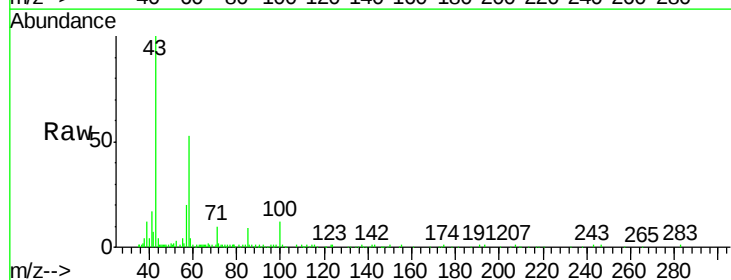
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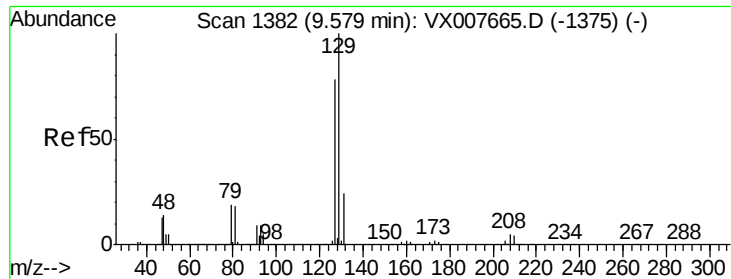
MMDadoda
 2/26/2019 2:57:01 PM



#59
 2-Hexanone
 Concen: 4.929 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion: 43 Resp: 23643
 Ion Ratio Lower Upper
 43 100
 58 50.2 27.1 81.3





#60

Dibromochloromethane

Concen: 0.888 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3995

Ion Ratio Lower Upper

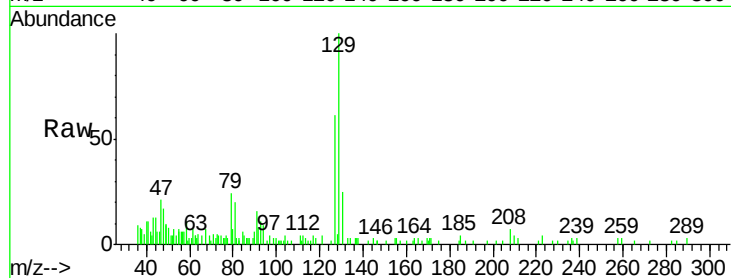
129 100

127 76.8 37.8 113.4

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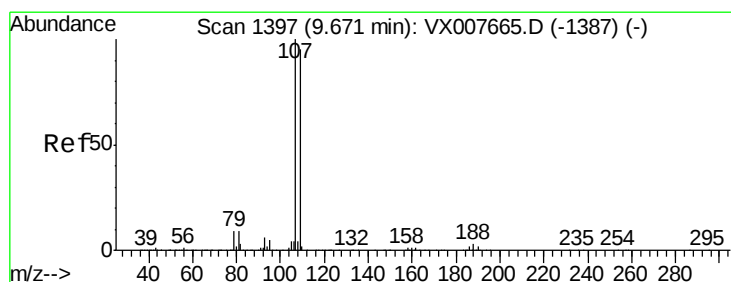
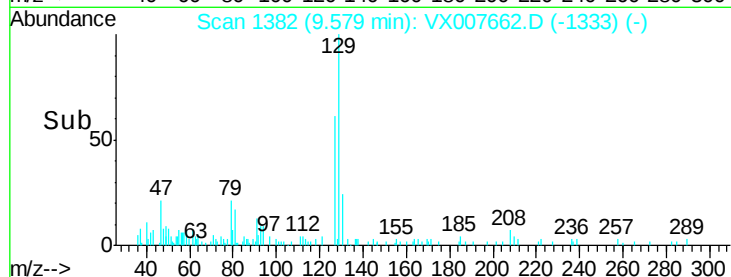
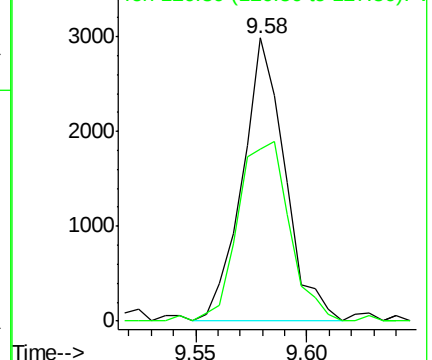
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.973 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007662.D

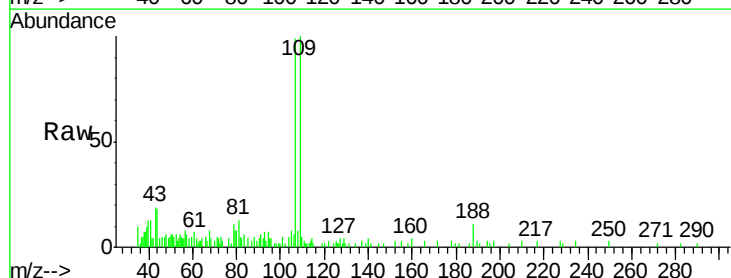
Acq: 25 Feb 2019 09:46

Tgt Ion:107 Resp: 4901

Ion Ratio Lower Upper

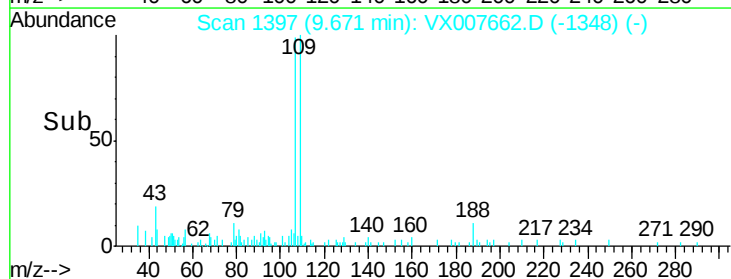
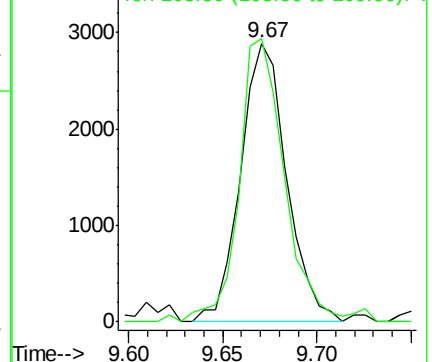
107 100

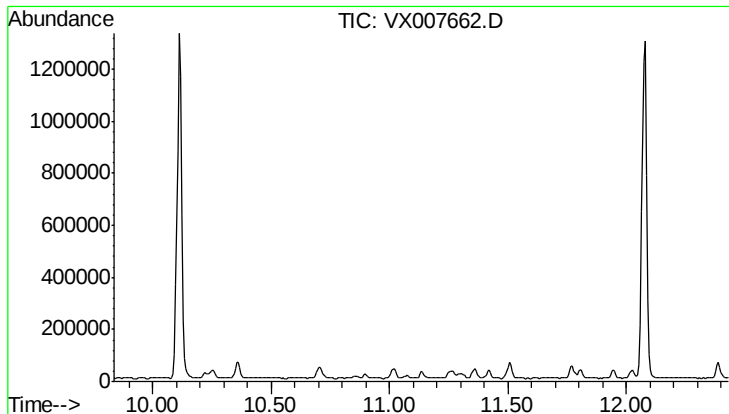
109 99.5 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





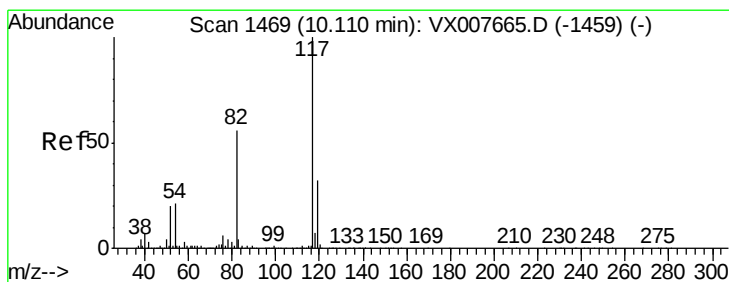
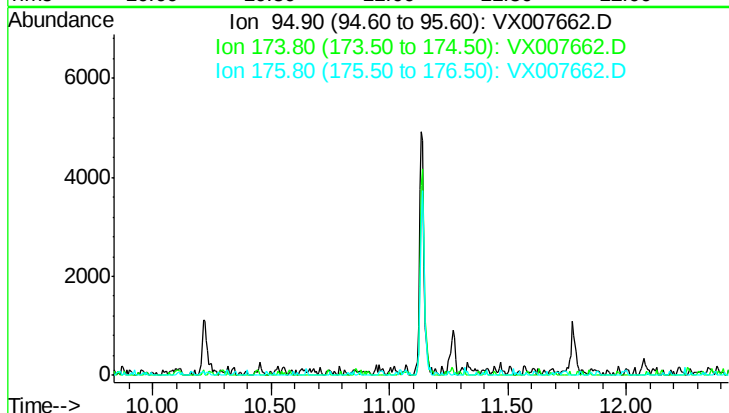
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.13 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Siq	Exp Ratio
95	100
174	94.6
176	93.1

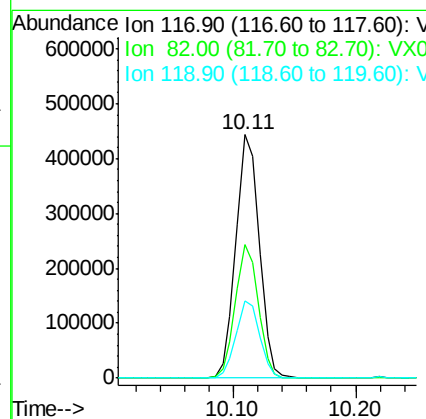
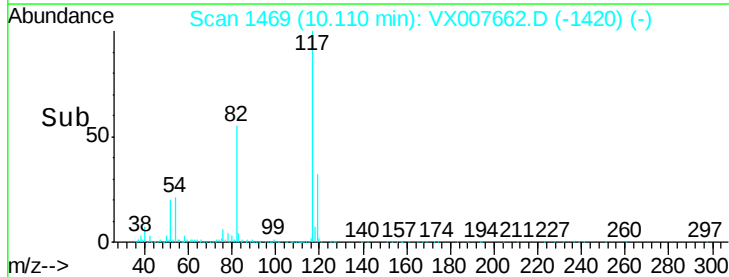
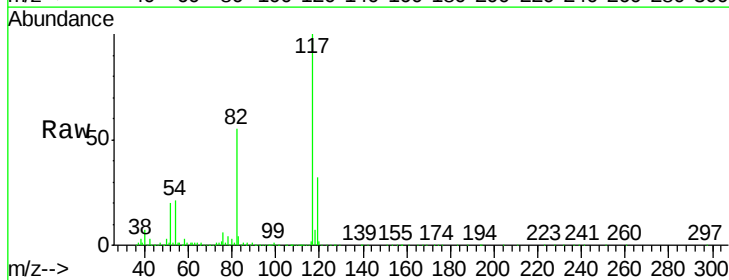
Manual Integrations
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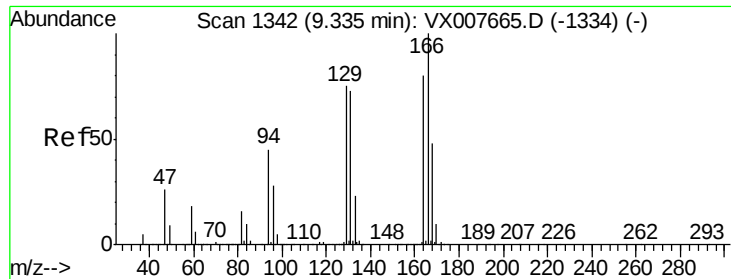
MMDadoda
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion	117	Resp:	585425
Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.1	63.1
119	31.8	26.5	39.7





#64

Tetrachloroethene

Concen: 0.932 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

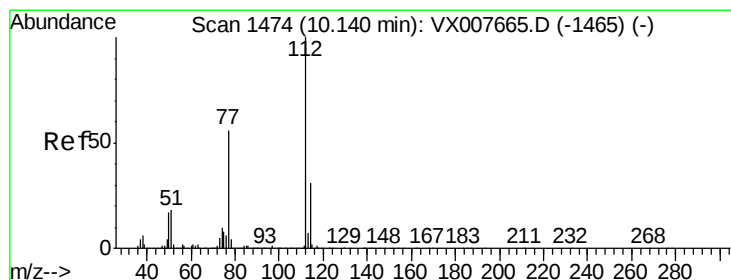
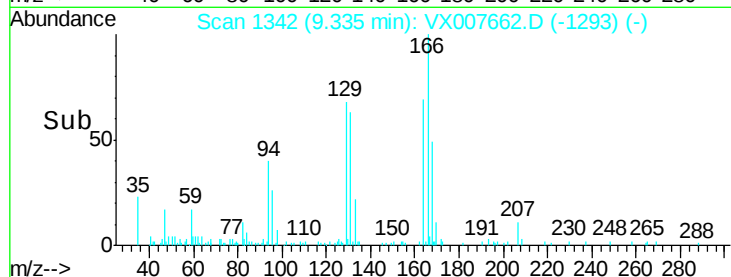
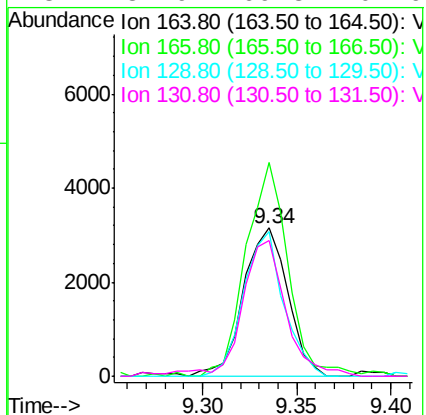
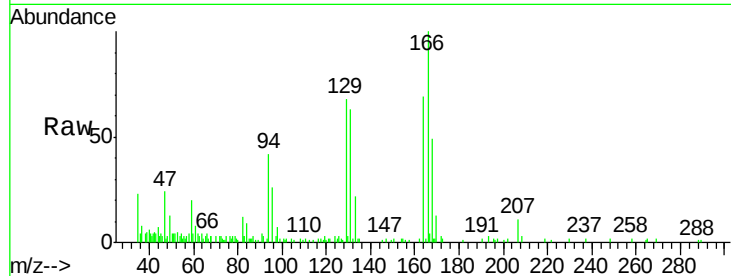
ClientSampleId :

VSTDIC001

Tot Ion:	164	Resp:	5144
Ion	Ratio	Lower	Upper
164	100		
166	144.4	101.0	151.4
129	98.2	70.5	105.7
131	87.9	69.8	104.6

Manual Integrations
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#65

Chlorobenzene

Concen: 1.062 ug/l

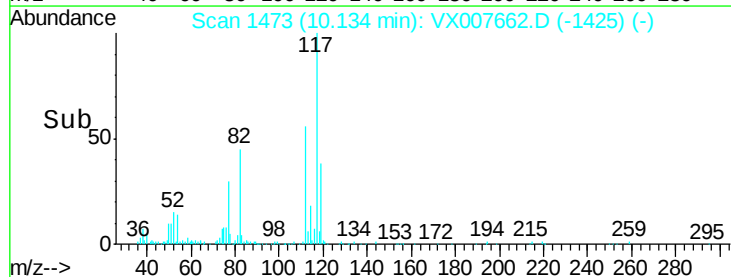
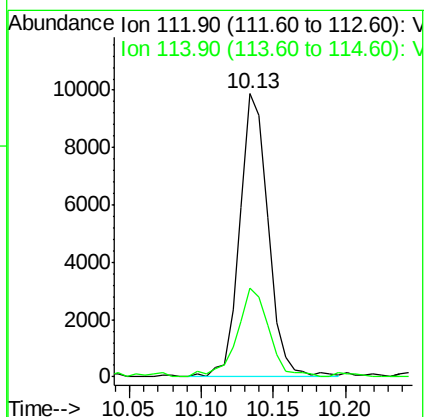
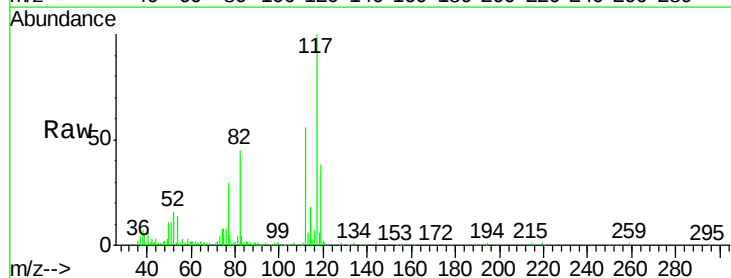
RT: 10.13 min Scan# 1473

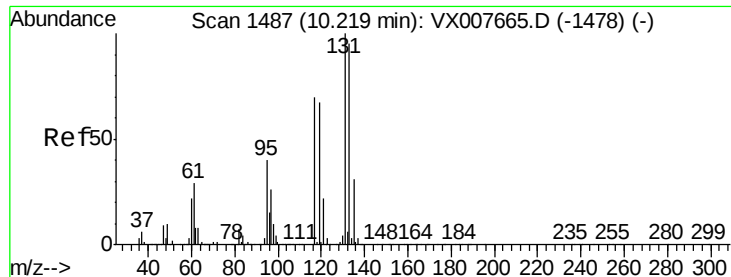
Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion:	112	Resp:	13565
Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.8	38.6





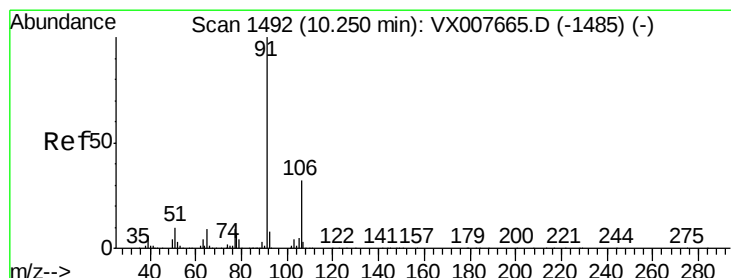
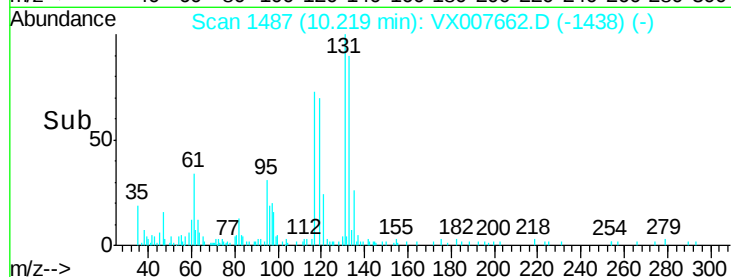
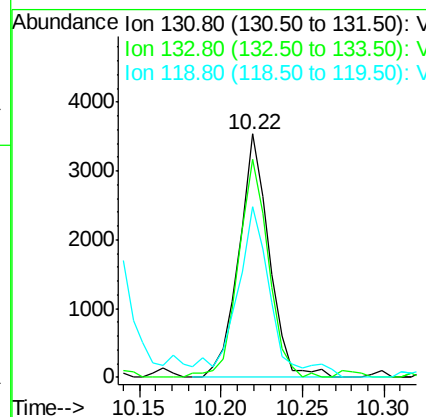
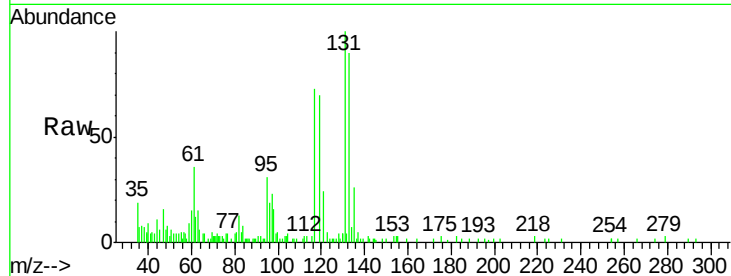
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.071 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	89.3	48.0	144.2
119	0.0	32.0	96.0#

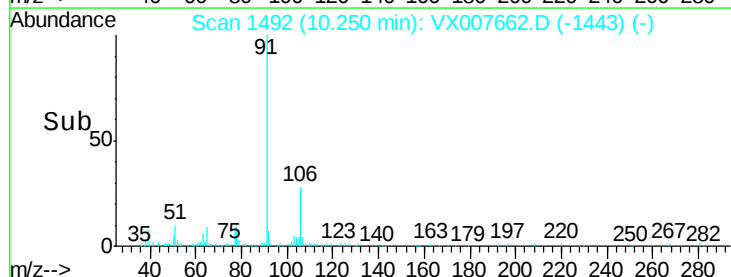
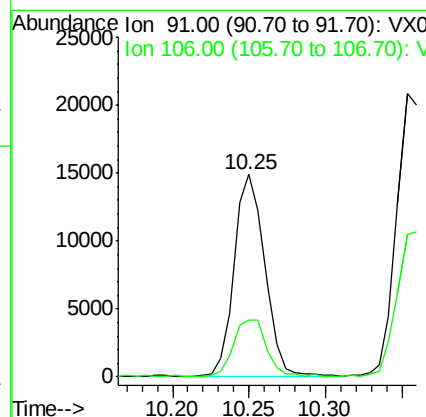
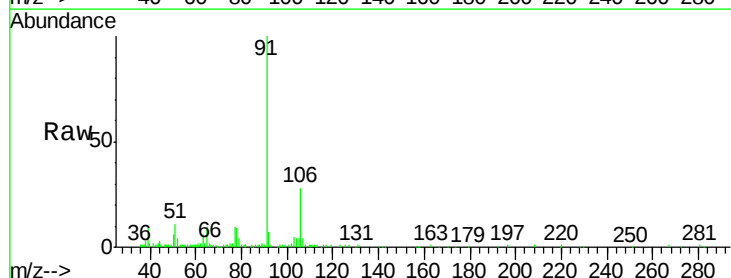
Manual Integrations
 APPROVED

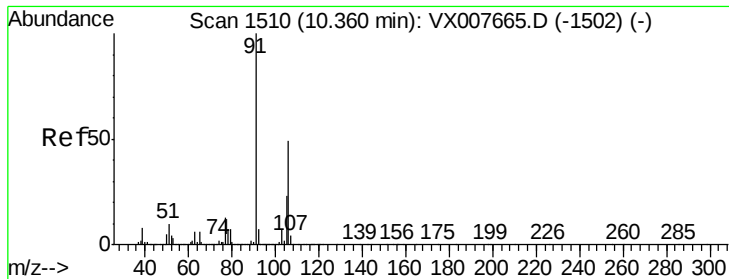
MMDadoda
 2/26/2019 2:57:01 PM



#67
 Ethyl Benzene
 Concen: 0.997 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.2	25.4	38.0





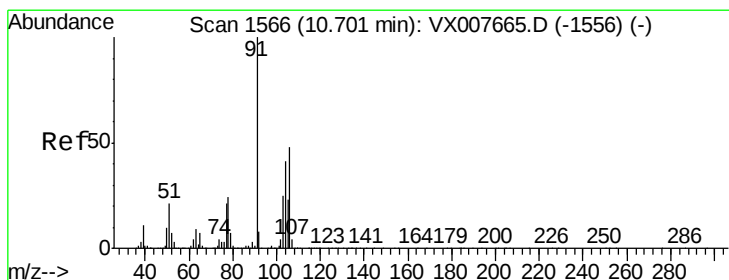
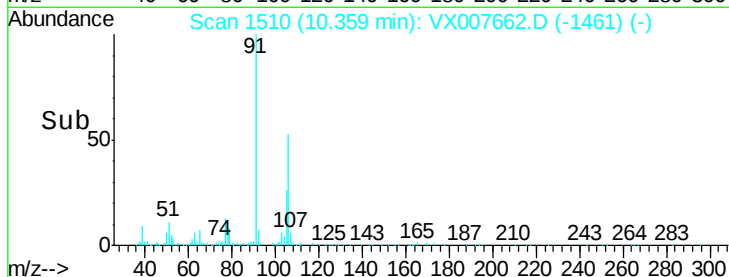
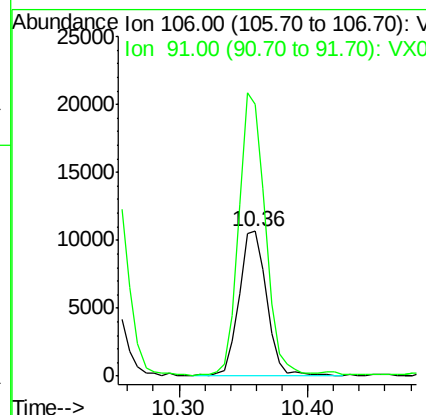
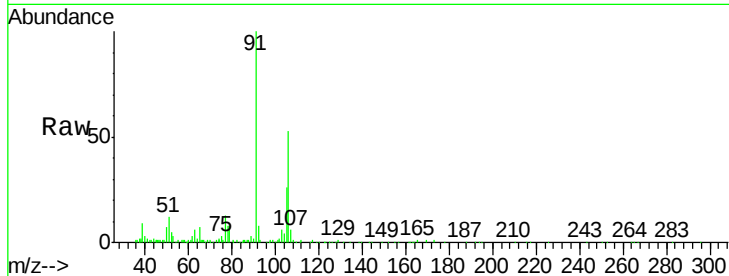
#68
m/p-Xylenes
Concen: 1.958 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 16015
Ion Ratio Lower Upper
106 100
91 185.4 156.6 234.8

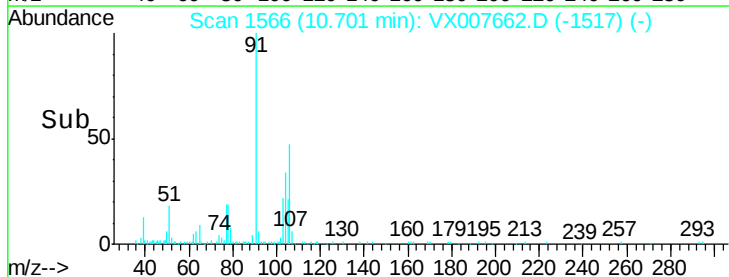
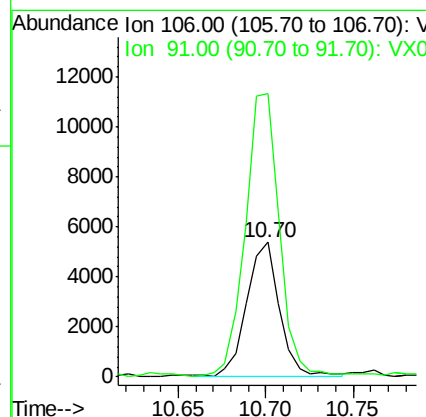
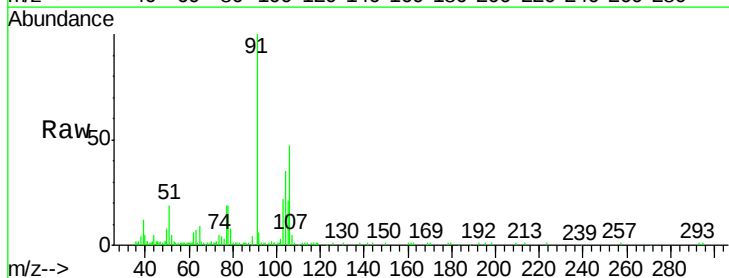
Manual Integrations
APPROVED

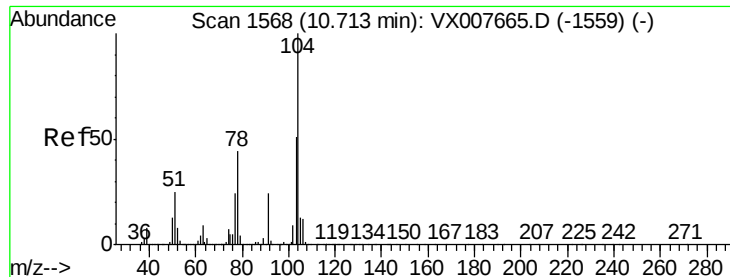
MMDadoda
2/26/2019 2:57:01 PM



#69
o-Xylene
Concen: 0.905 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion:106 Resp: 7119
Ion Ratio Lower Upper
106 100
91 217.3 102.9 308.7





#70

Stvrene

Concen: 0.883 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

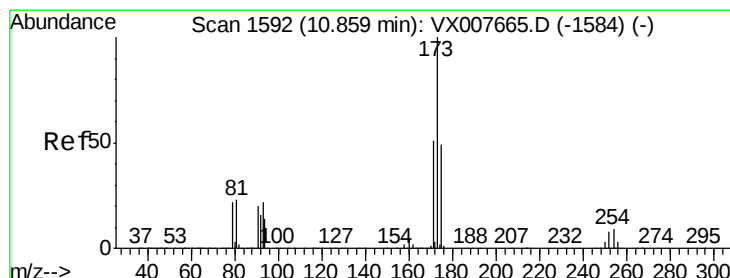
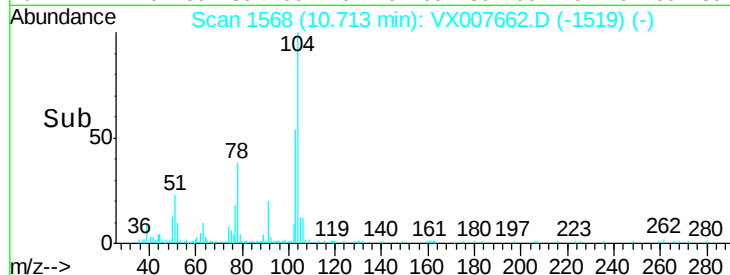
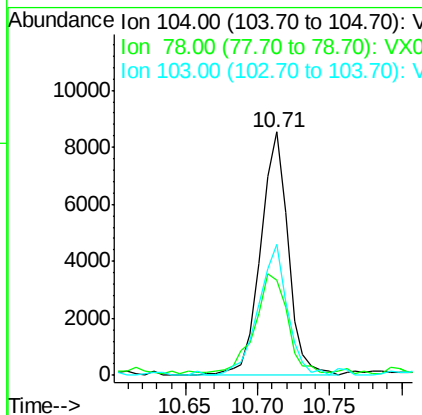
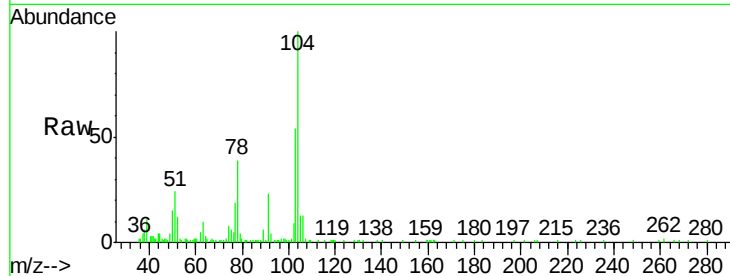
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	11275
Ion Ratio	Lower	Upper	
104	100		
78	49.4	38.3	57.5
103	56.5	44.6	67.0

Manual Integrations
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#71

Bromoform

Concen: 0.868 ug/l

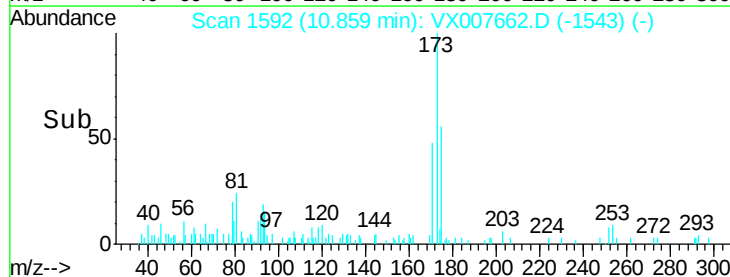
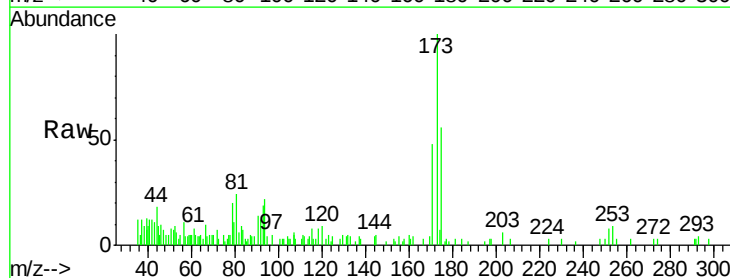
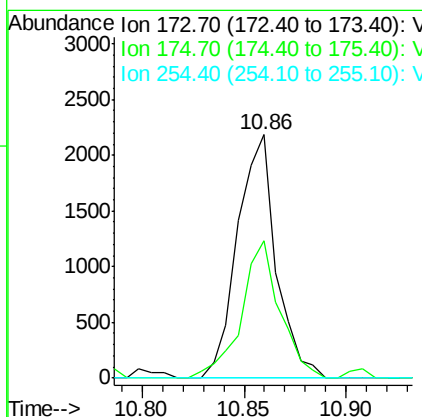
RT: 10.86 min Scan# 1592

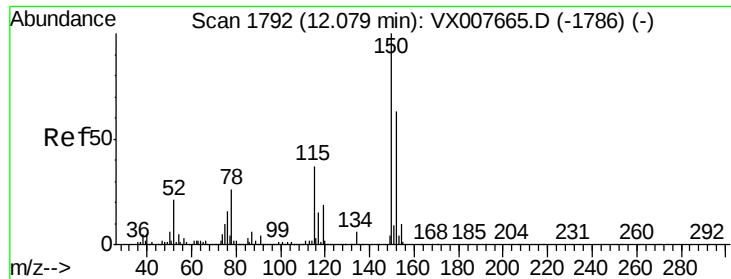
Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion:	173	Resp:	2875
Ion Ratio	Lower	Upper	
173	100		
175	56.1	24.2	72.6
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

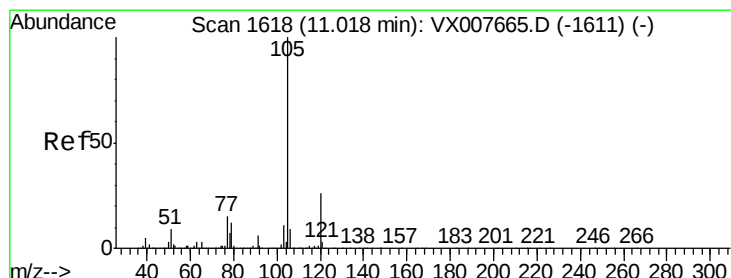
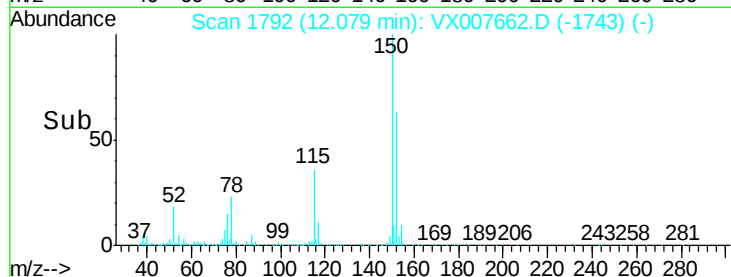
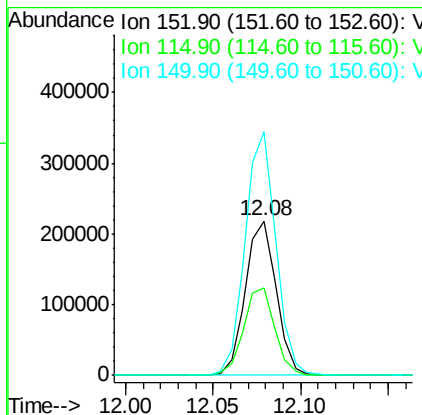
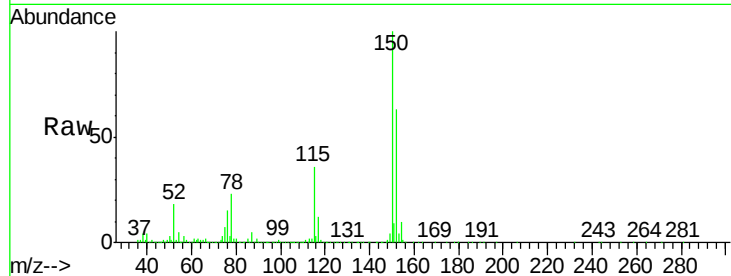
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	267430
Ion Ratio	Lower	Upper	
152	100		
115	57.7	38.0	114.0
150	156.9	0.0	346.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.070 ug/l

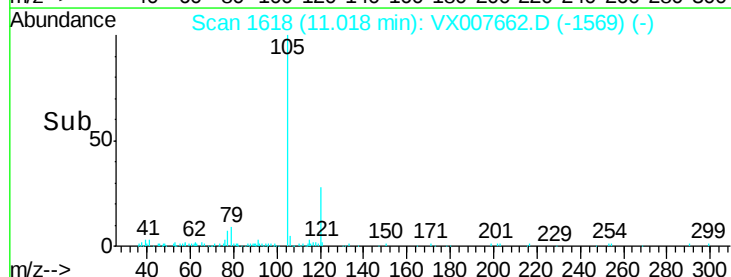
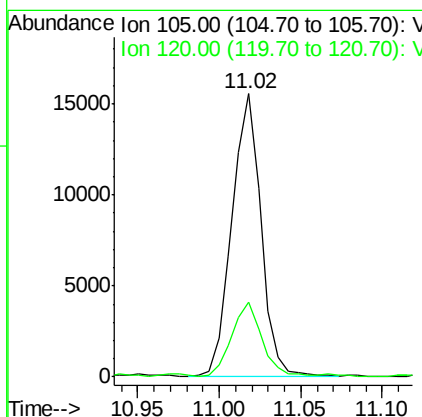
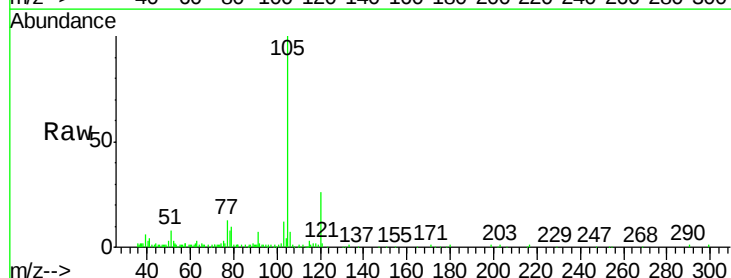
RT: 11.02 min Scan# 1618

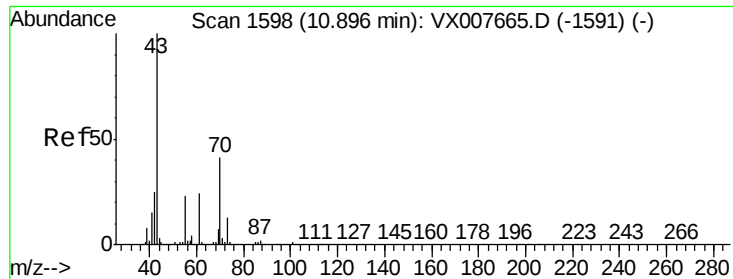
Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion:	105	Resp:	19447
Ion Ratio	Lower	Upper	
105	100		
120	27.4	13.6	40.7





#74

N-amvl acetate

Concen: 1.082 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

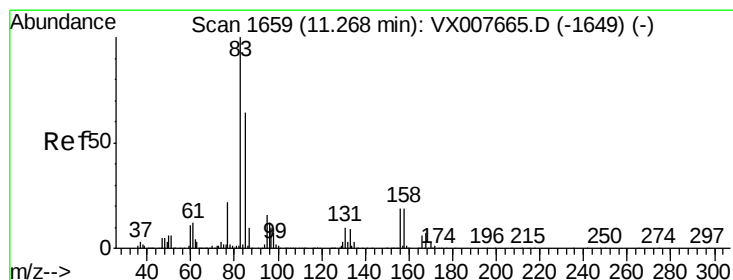
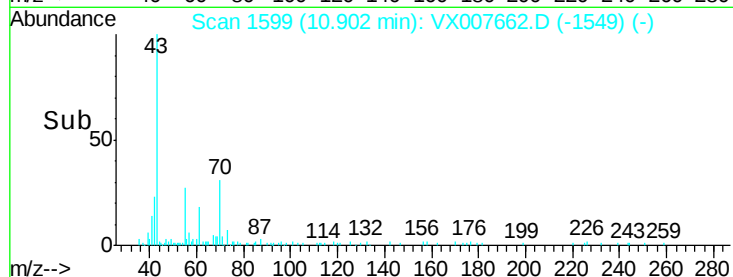
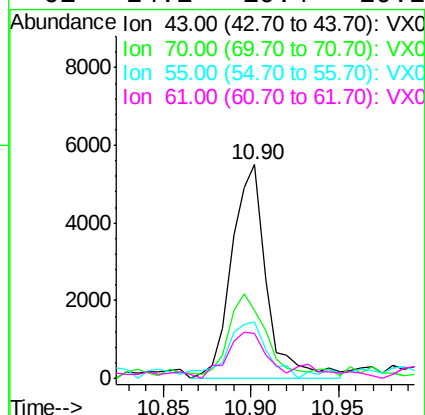
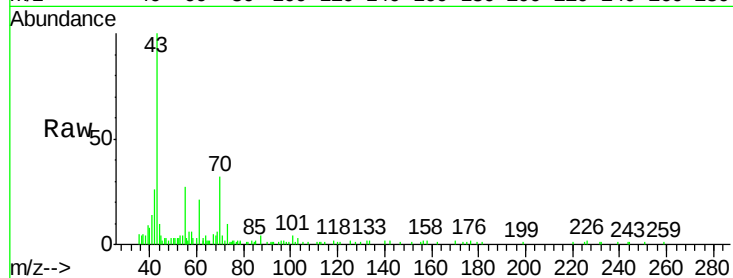
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
7607	43	100		
	70	39.6	33.8	50.6
	55	30.9	19.5	29.3
	61	24.1	19.4	29.2

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.380 ug/l

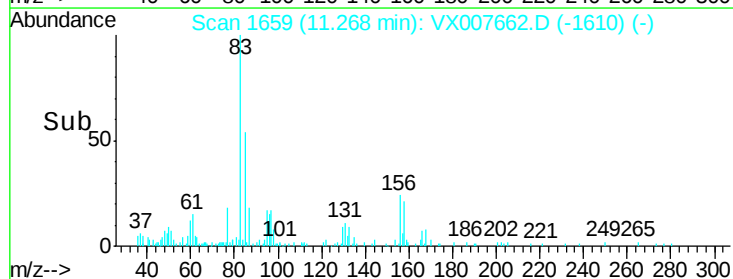
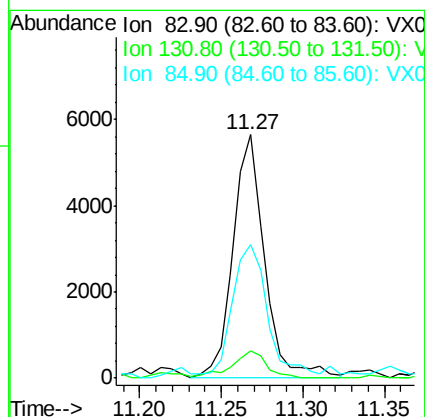
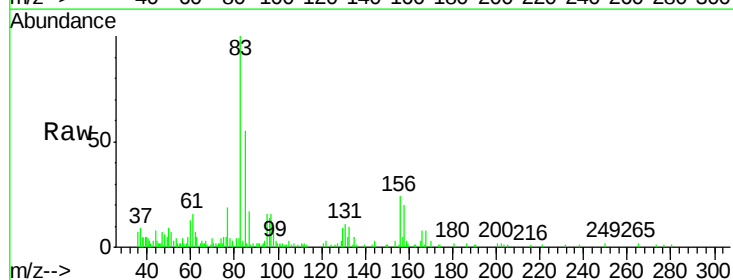
RT: 11.27 min Scan# 1659

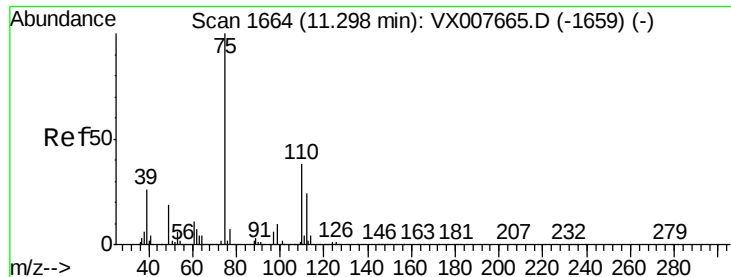
Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion	Ion	Ratio	Lower	Upper
7645	83	100		
	131	12.1	5.7	17.0
	85	57.2	32.8	98.3





#76

1,2,3-Trichloropropane

Concen: 0.988 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 75 Resp: 5142

Ion Ratio Lower Upper

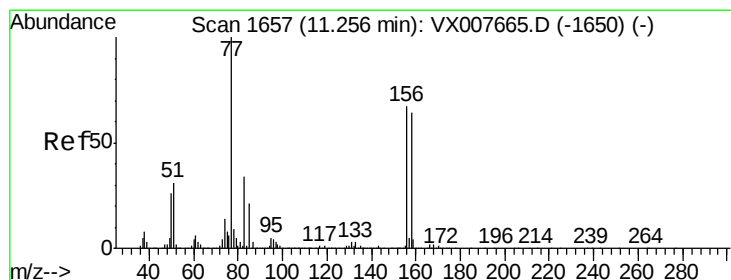
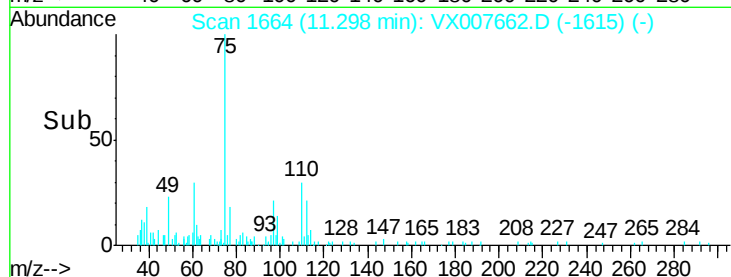
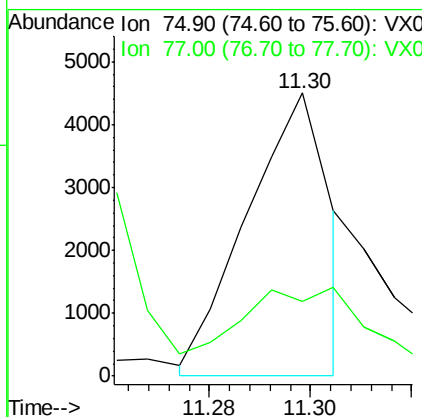
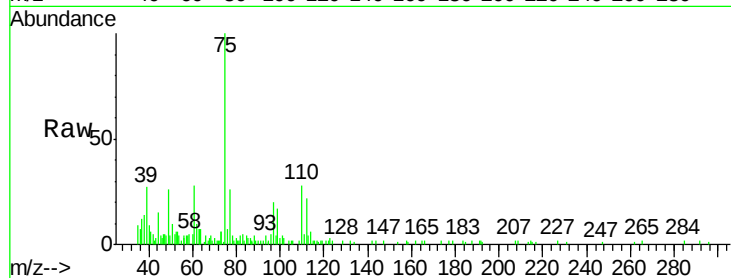
75 100

77 52.7 23.0 69.0

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#77

Bromobenzene

Concen: 0.981 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

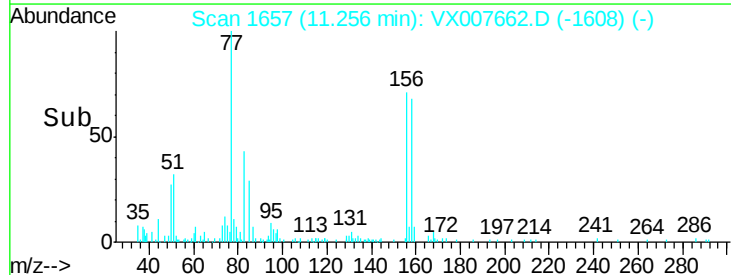
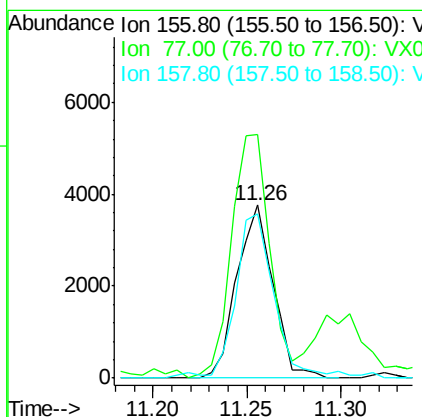
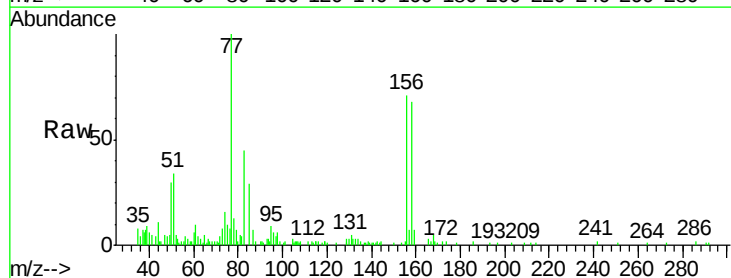
Tgt Ion: 156 Resp: 5024

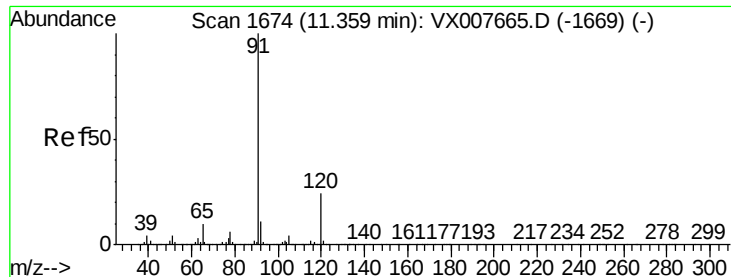
Ion Ratio Lower Upper

156 100

77 147.6 66.8 200.6

158 102.6 47.9 143.8





#78

n-propylbenzene

Concen: 1.000 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 19936

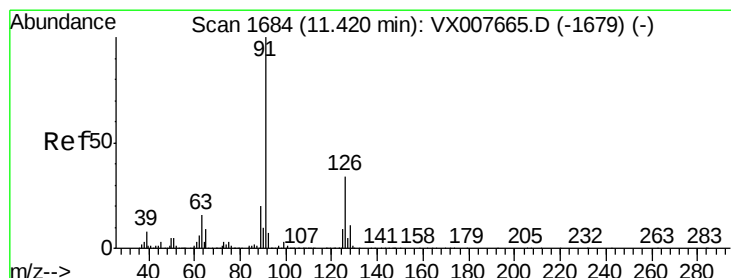
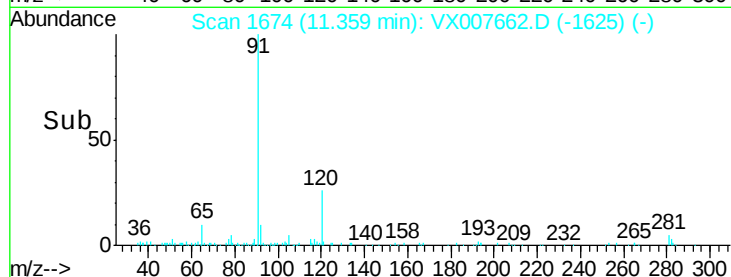
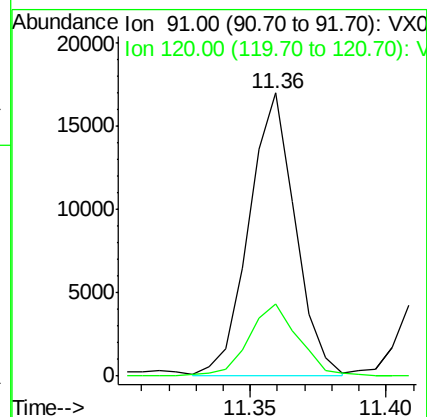
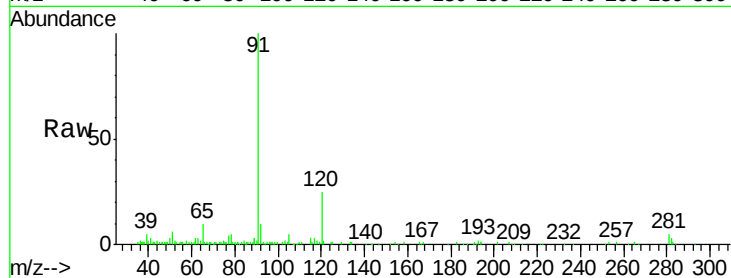
Ion Ratio Lower Upper

91 100

120 27.3 12.4 37.2

Manual Integrations
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#79

2-Chlorotoluene

Concen: 1.116 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007662.D

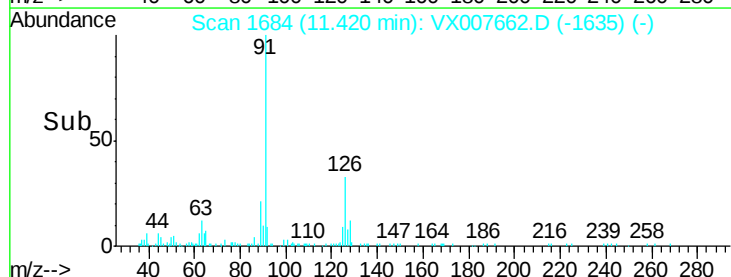
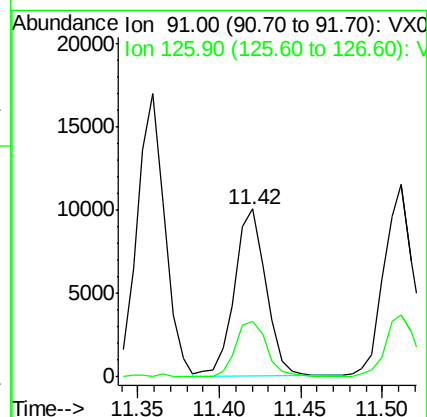
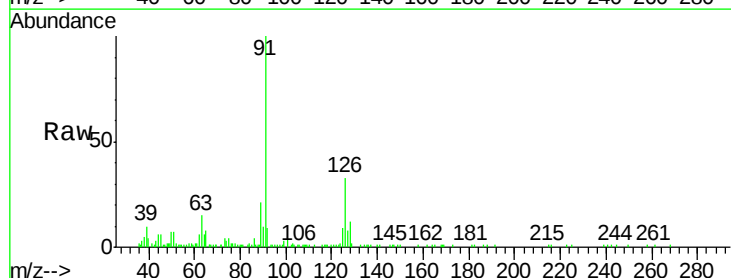
Acq: 25 Feb 2019 09:46

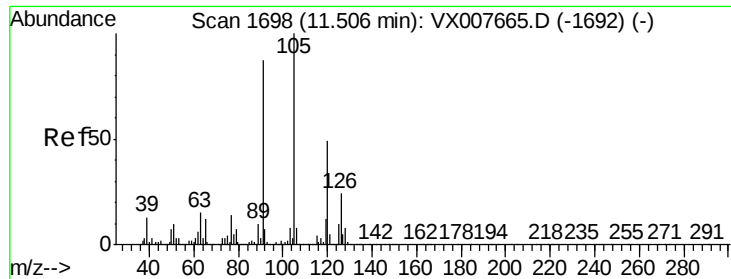
Tgt Ion: 91 Resp: 13498

Ion Ratio Lower Upper

91 100

126 33.2 18.7 56.1





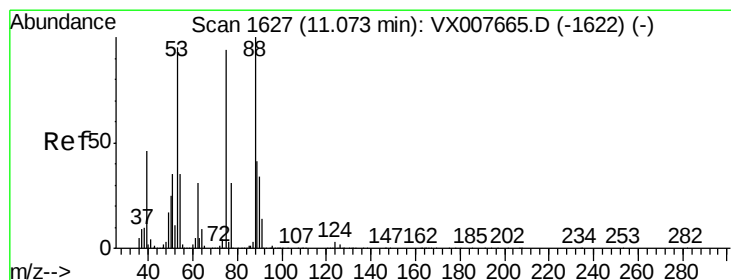
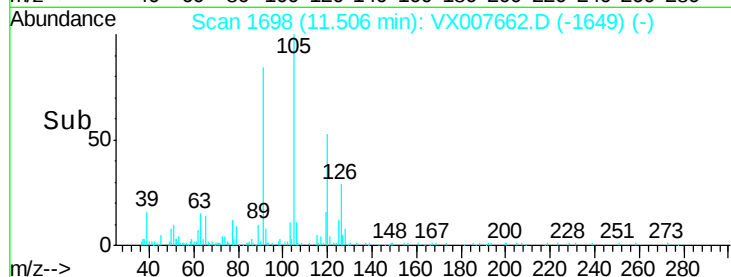
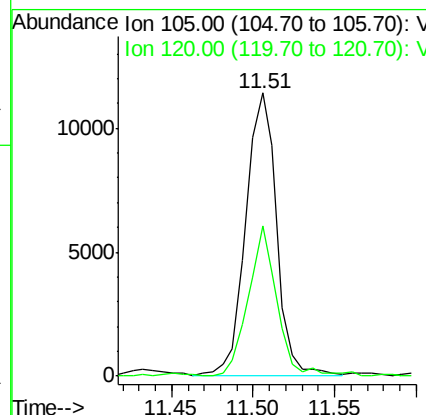
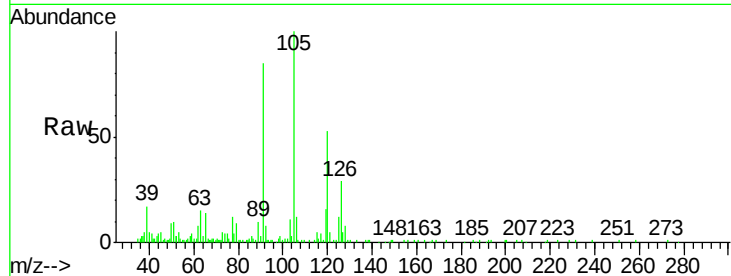
#80
 1,3,5-Trimethylbenzene
 Concen: 1.021 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.8	25.3	75.8

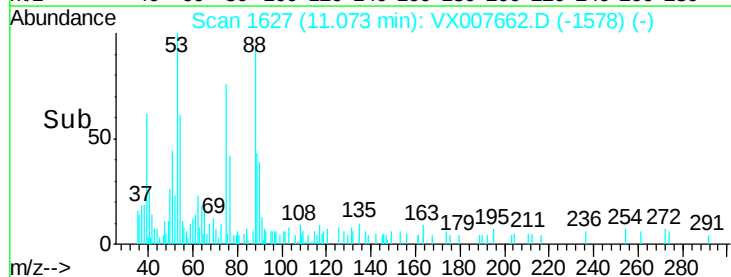
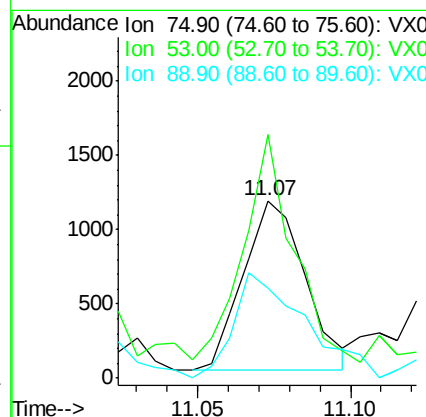
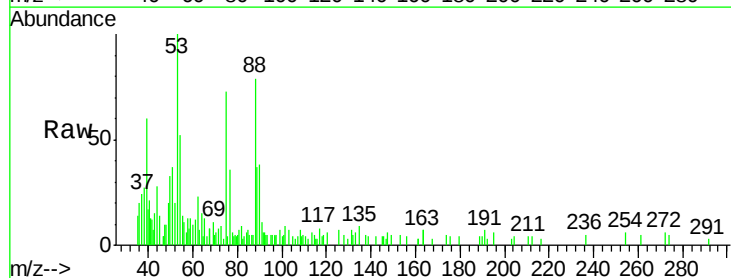
Manual Integrations
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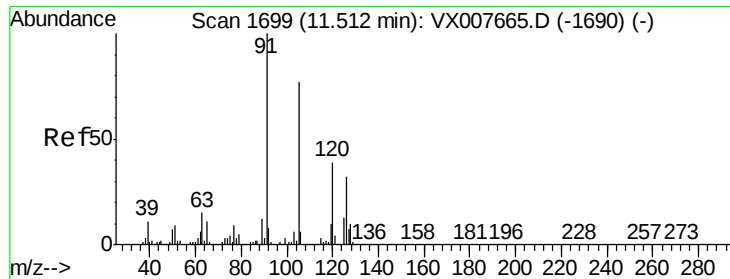
MMDadoda
 2/26/2019 2:57:01 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.073 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
75	100		
53	112.0	81.0	121.6
89	71.3	41.4	62.0#





#82

4-Chlorotoluene

Concen: 1.036 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 14500

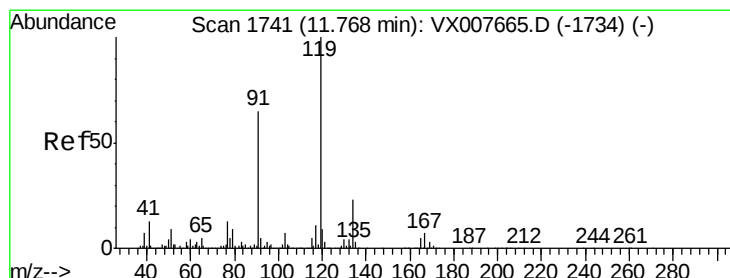
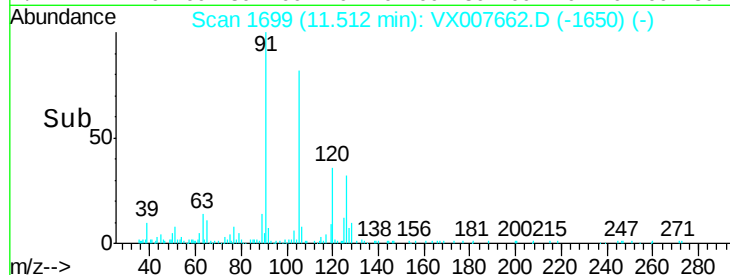
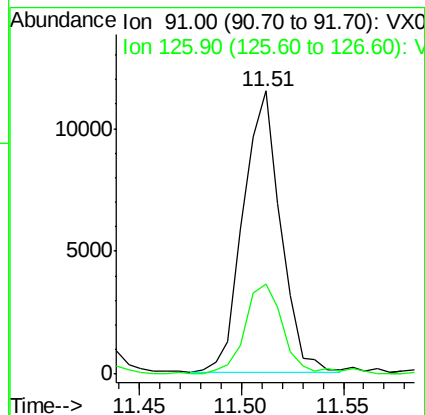
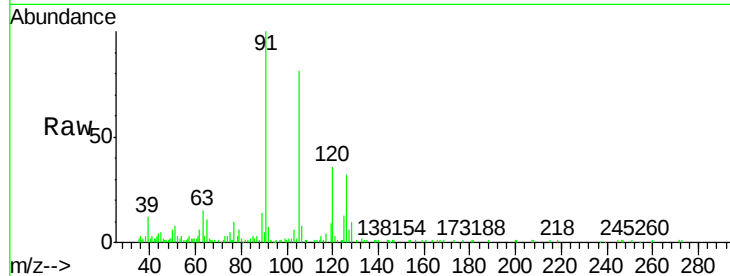
Ion Ratio Lower Upper

91 100

126 34.0 16.2 48.5

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#83

tert-Butylbenzene

Concen: 1.001 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

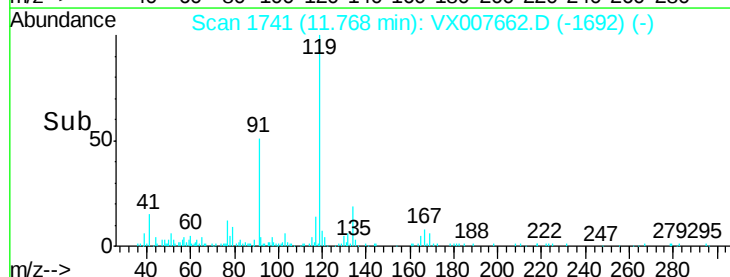
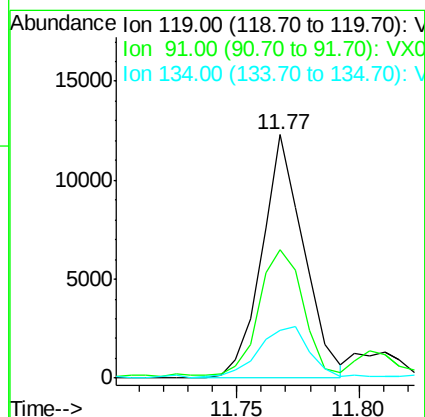
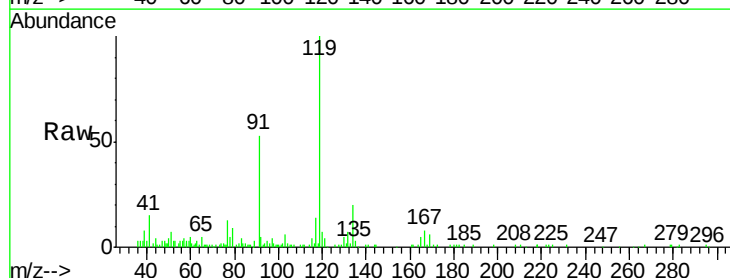
Tgt Ion: 119 Resp: 14733

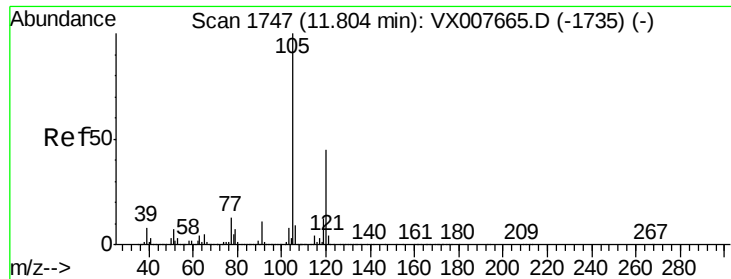
Ion Ratio Lower Upper

119 100

91 56.1 28.5 85.6

134 26.8 12.0 36.0





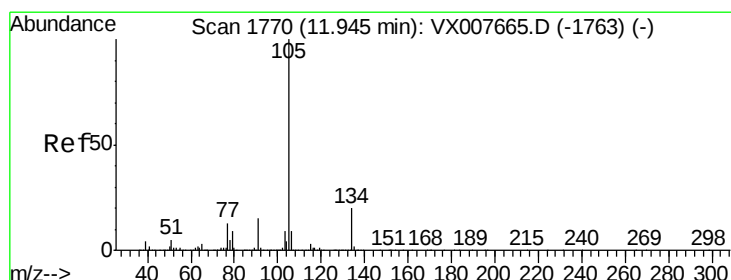
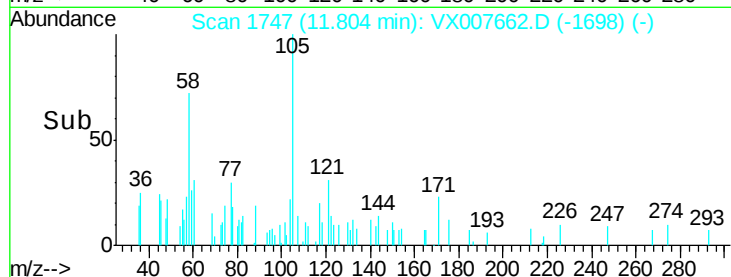
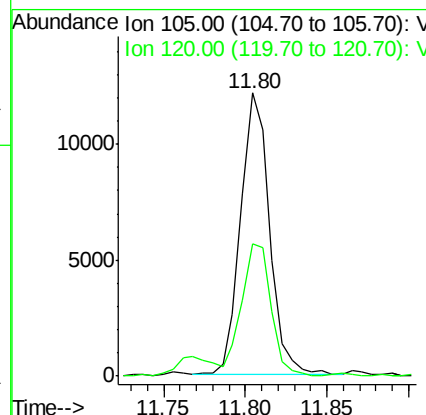
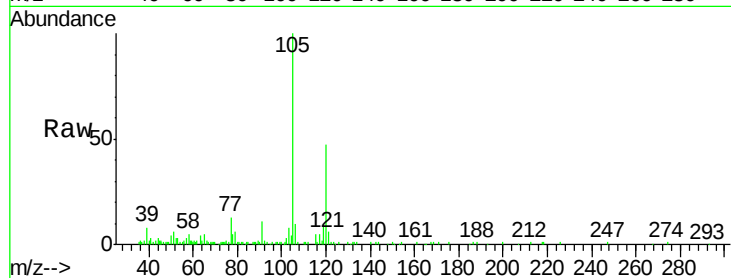
#84
 1,2,4-Trimethylbenzene
 Concen: 0.997 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.1	69.3

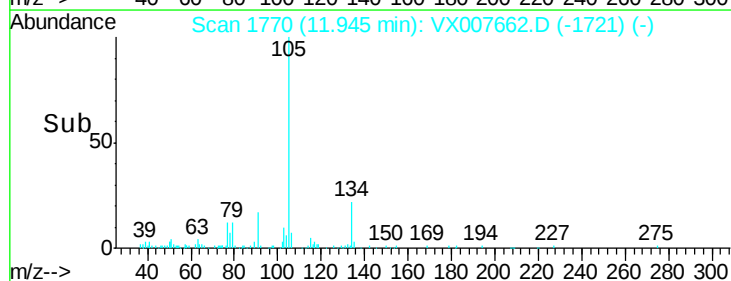
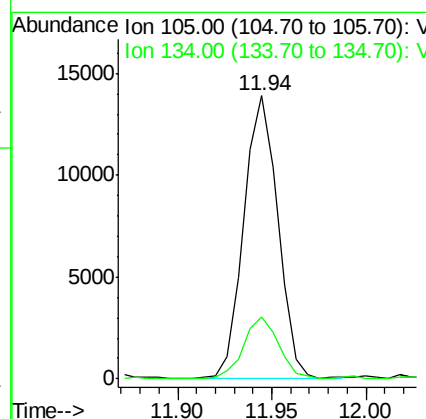
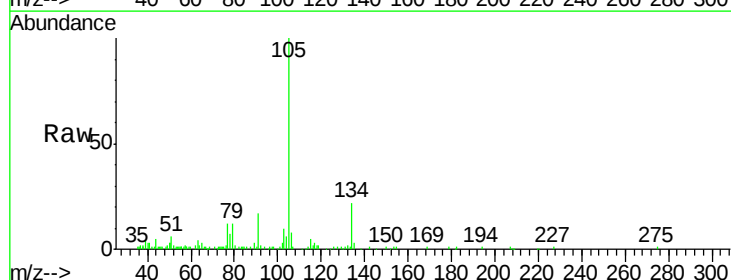
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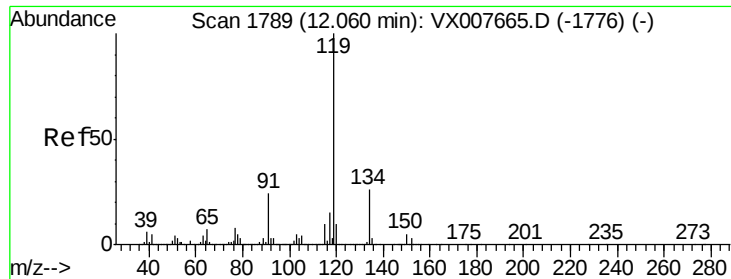
MMDadoda
 2/26/2019 2:57:01 PM



#85
 sec-Butylbenzene
 Concen: 0.978 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
105	100		
134	22.8	10.6	31.8





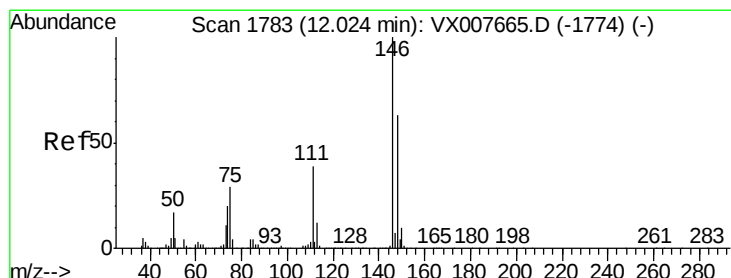
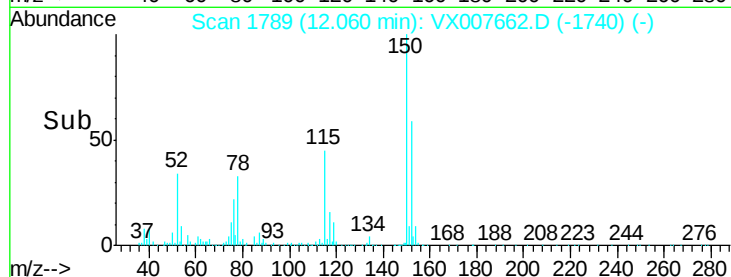
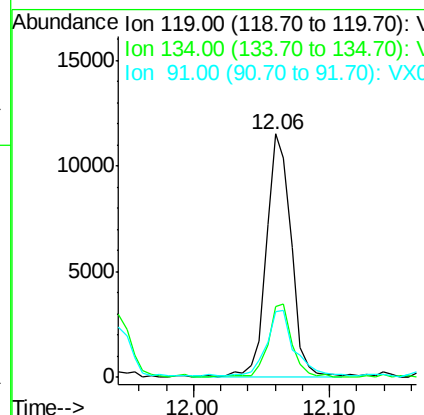
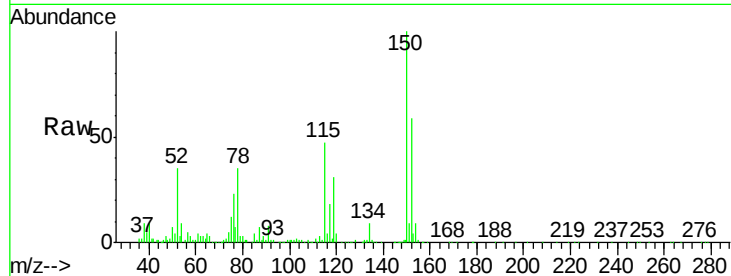
#86
 p-Isopropyltoluene
 Concen: 0.926 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	14899		
134	29.3		13.7	41.1
91	33.0		11.2	33.5

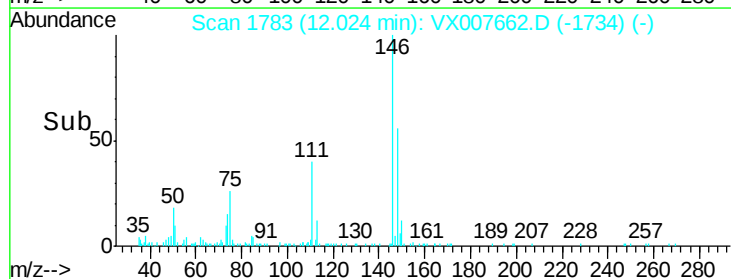
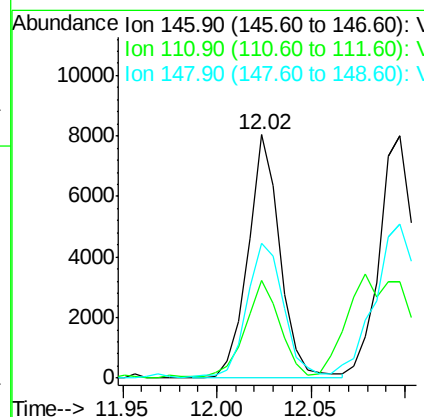
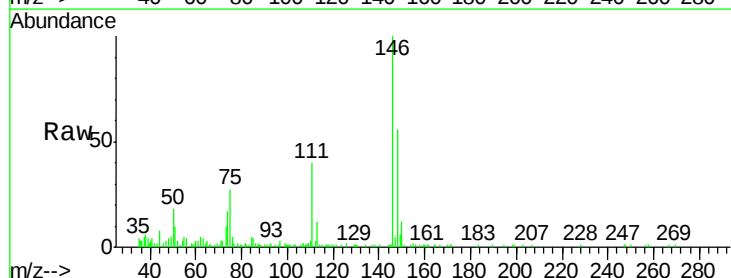
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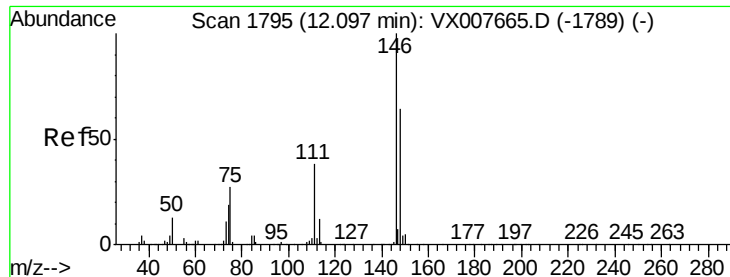
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#87
 1,3-Dichlorobenzene
 Concen: 1.034 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	9499		
111	44.9		18.1	54.1
148	64.1		32.0	96.2





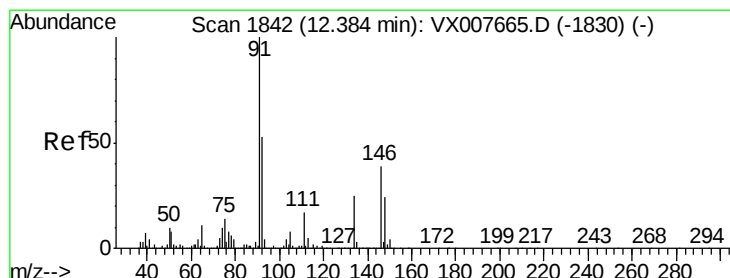
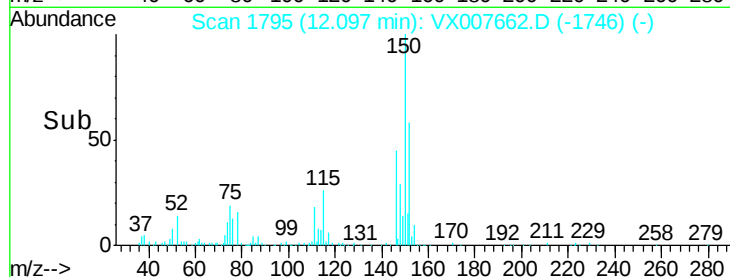
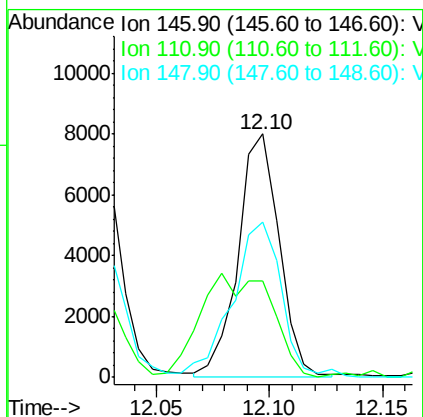
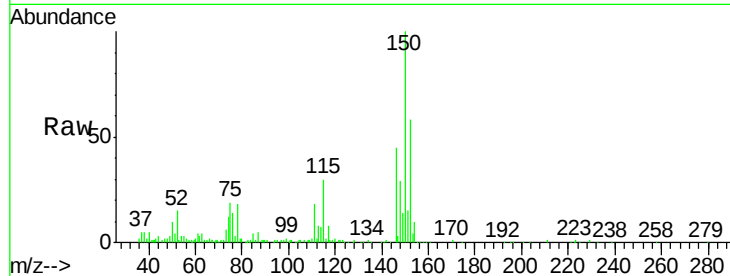
#88
 1,4-Dichlorobenzene
 Concen: 1.093 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	18.1	54.1
148	59.7	32.3	96.9

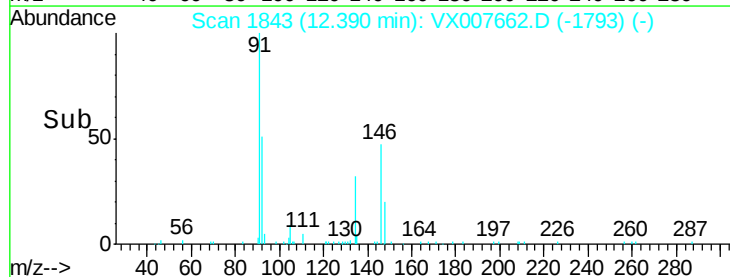
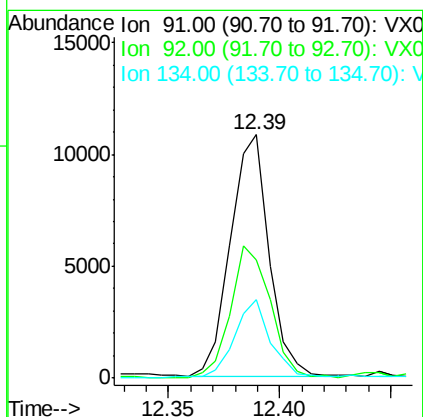
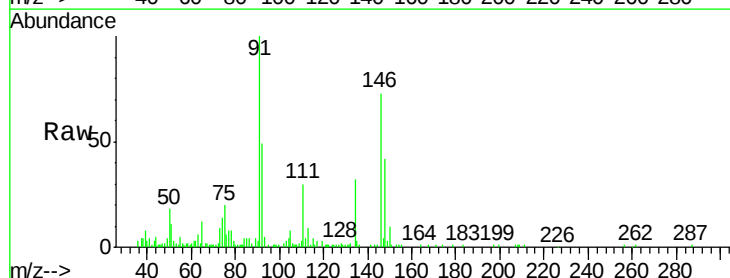
Manual Integrations
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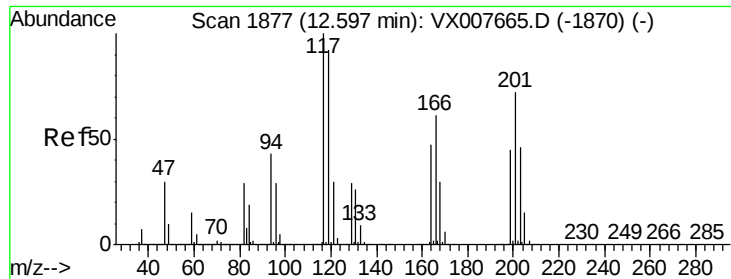
MMDadoda
 2/26/2019 2:57:01 PM



#89
 n-Butylbenzene
 Concen: 0.948 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.2	26.3	78.9
134	30.7	13.9	41.6





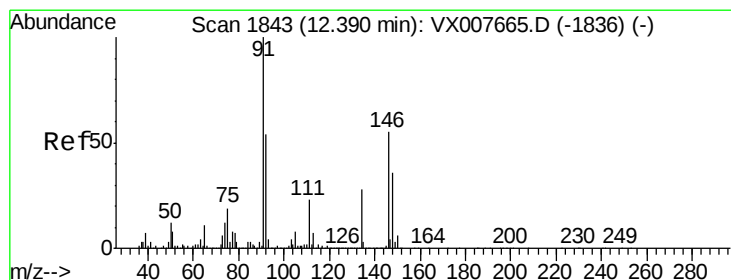
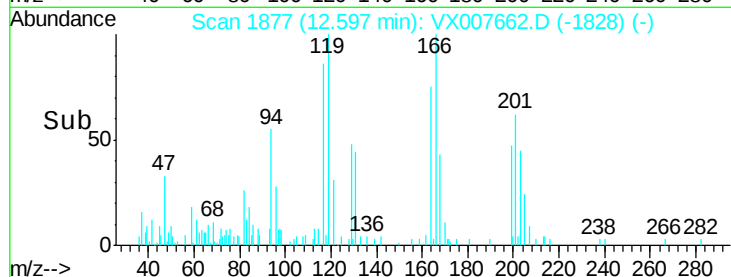
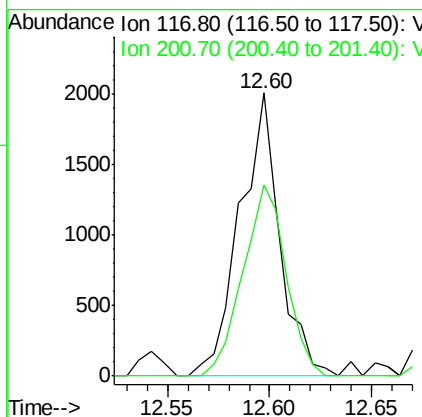
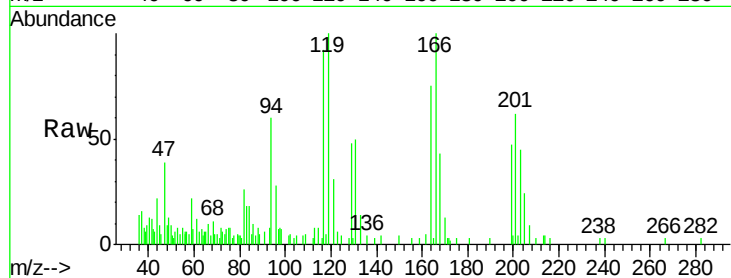
#90
Hexachloroethane
Concen: 1.135 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 2731
Ion Ratio Lower Upper
117 100
201 72.6 44.9 134.7

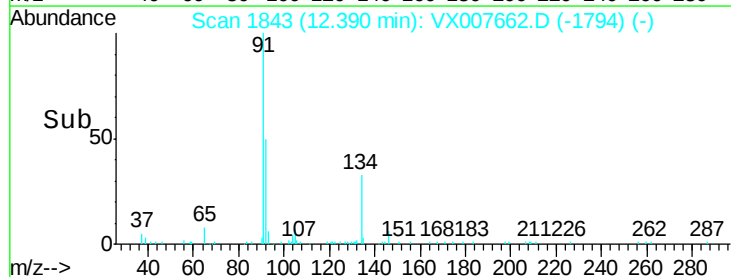
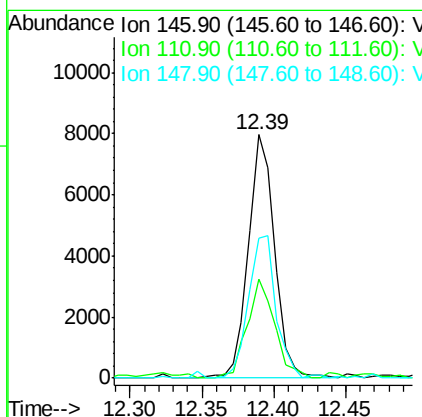
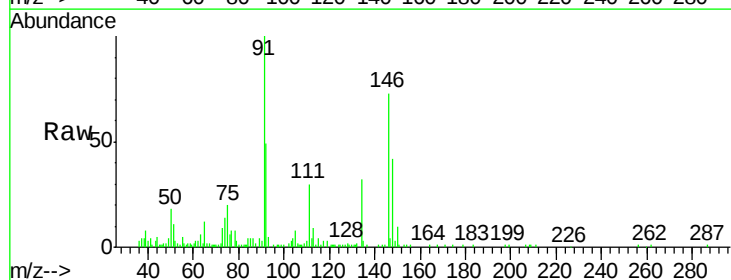
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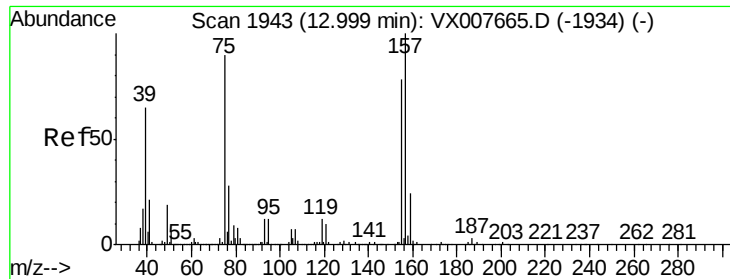
MMDadoda
2/26/2019 2:57:01 PM



#91
1,2-Dichlorobenzene
Concen: 1.094 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion:146 Resp: 10005
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.3
148 61.9 32.1 96.3





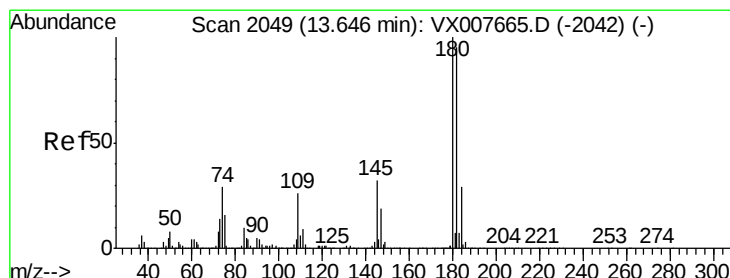
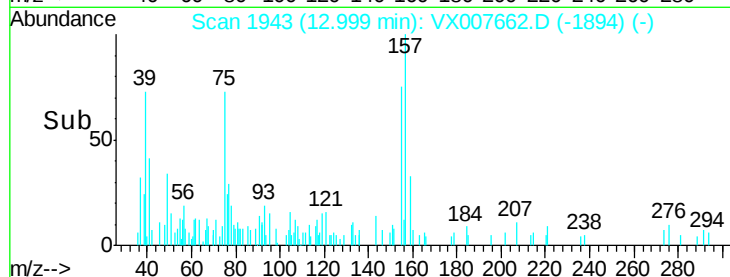
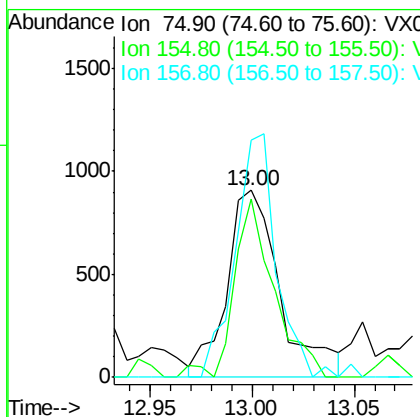
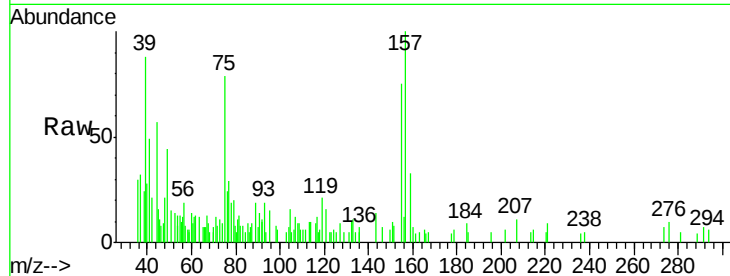
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.430 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	71.4	49.6	149.0
157	100.5	65.1	195.3

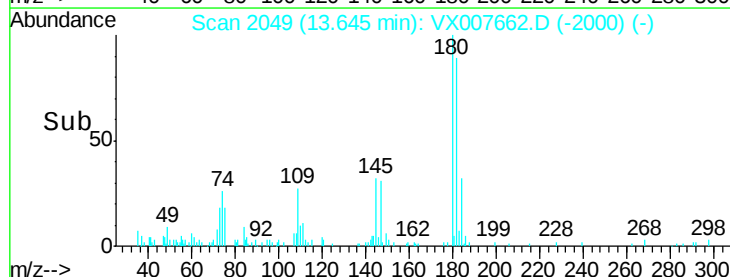
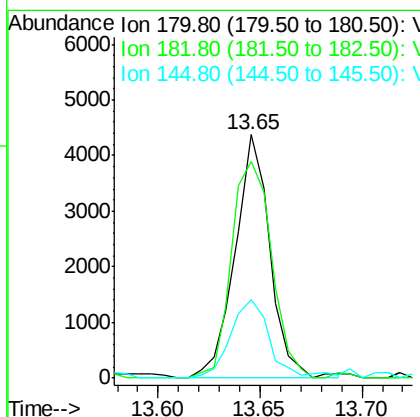
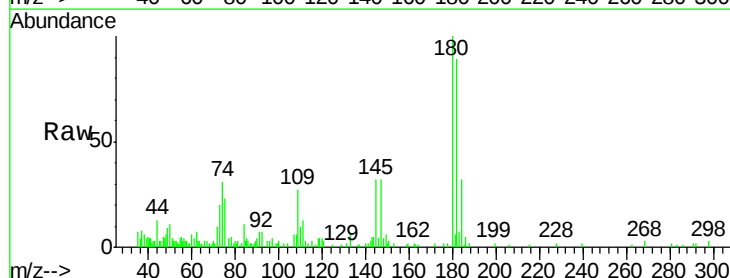
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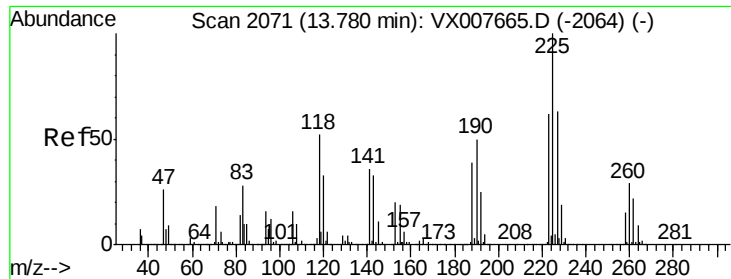
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#93
 1,2,4-Trichlorobenzene
 Concen: 0.843 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.1	47.8	143.3
145	35.5	14.1	42.2





#94

Hexachlorobutadiene

Concen: 0.930 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

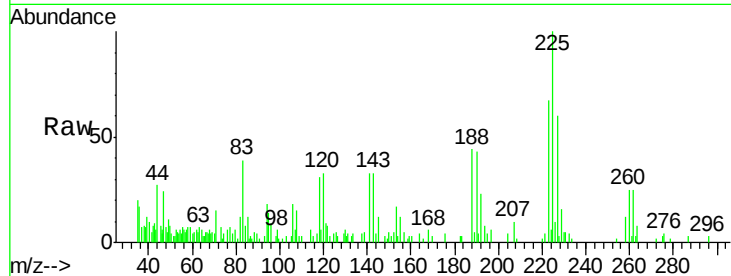
ClientSampleId :

VSTDIC001

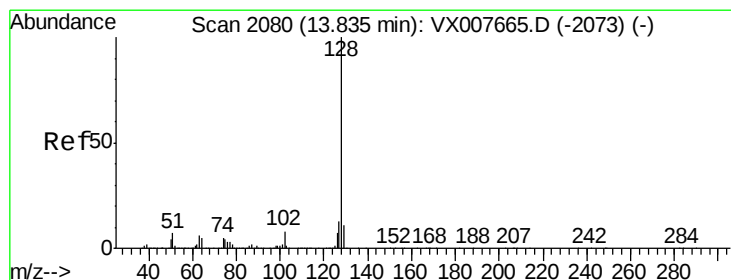
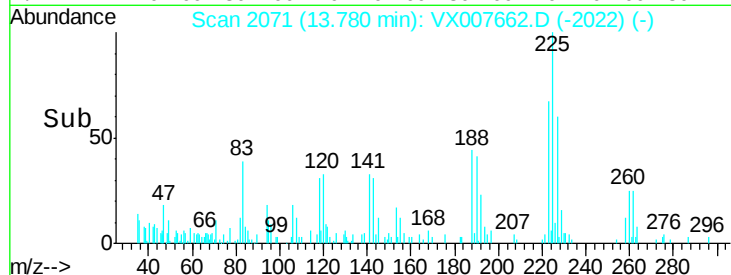
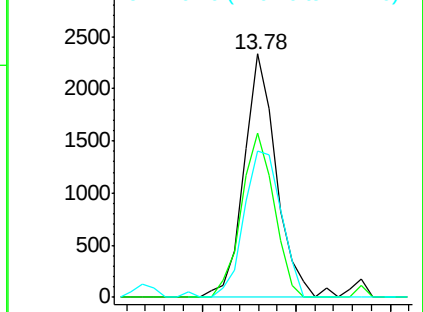
Tot Ion:	225	Resp:	2786
Ion Ratio	Lower	Upper	
225	100		
223	68.1	31.6	94.8
227	68.6	32.1	96.3

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.840 ug/l

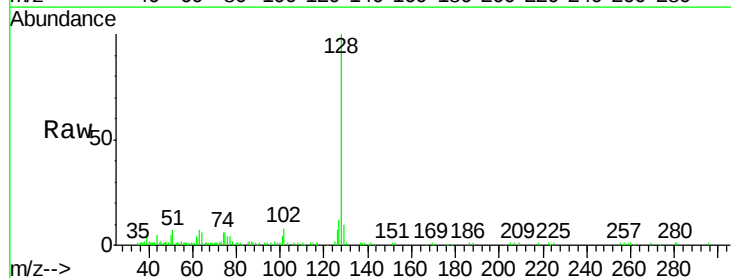
RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

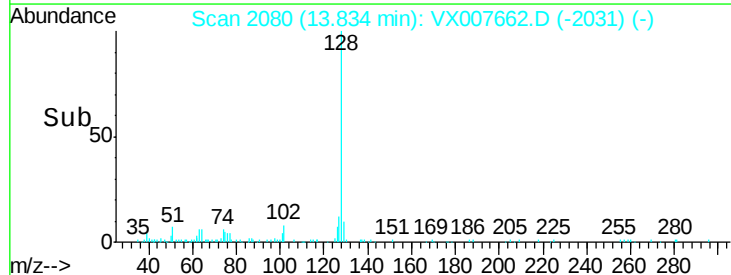
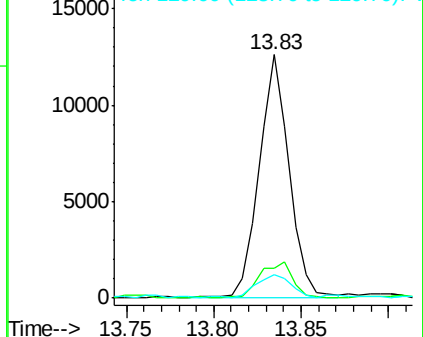
Lab File: VX007662.D

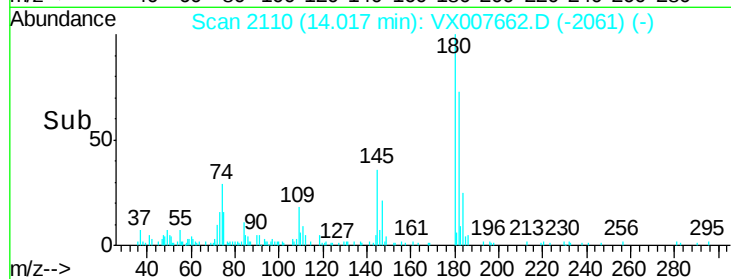
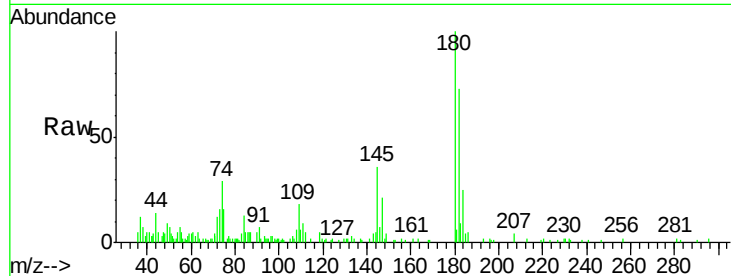
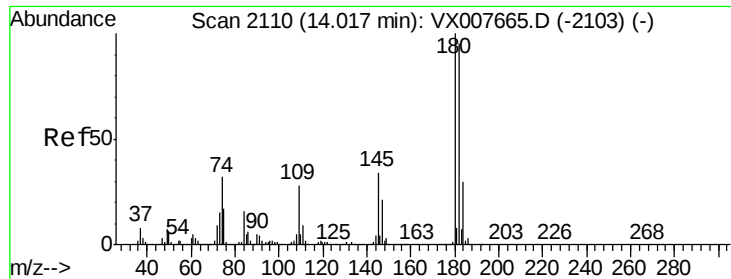
Acq: 25 Feb 2019 09:46

Tgt Ion:	128	Resp:	15144
Ion Ratio	Lower	Upper	
128	100		
127	16.4	10.5	15.7#
129	11.3	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.937 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.0	47.5	142.6
145	32.9	14.9	44.5

Manual Integrations
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