

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001982.D
 Acq On : 25 May 2018 17:30
 Operator : JC/MD
 Sample : VX0525MBSD01
 Misc : 5.00µ/10mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2018 4:39:23 PM

Quant Time: May 26 03:30:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	254340	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	256896	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	5.51	113	200089	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.72	98	737005	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.14	95	288682	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	80126	20.648	ug/l	96
3) Chloromethane	1.32	50	88694	19.665	ug/l	97
4) Vinyl Chloride	1.40	62	88979	20.432	ug/l	98
5) Bromomethane	1.64	94	52457	25.701	ug/l	98
6) Chloroethane	1.72	64	54963	21.410	ug/l	98
7) Trichlorofluoromethane	1.93	101	138483	21.175	ug/l	99
8) Diethyl Ether	2.19	74	51321	21.628	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	76877	21.066	ug/l	98
10) Methyl Iodide	2.51	142	104188	21.100	ug/l	98
11) Tert butyl alcohol	3.08	59	116474	113.243	ug/l	100
12) 1,1-Dichloroethene	2.37	96	71007	20.782	ug/l	97
13) Acrolein	2.30	56	40080	90.128	ug/l	98
14) Allyl chloride	2.73	41	153355	21.382	ug/l	100
15) Acrylonitrile	3.15	53	224485	106.137	ug/l	100
16) Acetone	2.45	43	230244	113.858	ug/l	98
17) Carbon Disulfide	2.57	76	197107	20.045	ug/l	99
18) Methyl Acetate	2.78	43	110978	22.148	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	273523	21.285	ug/l	100
20) Methylene Chloride	2.86	84	80471	22.051	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	75265	21.734	ug/l	99
22) Diisopropyl ether	3.88	45	296601	20.331	ug/l	99
23) Vinyl Acetate	3.83	43	1309949	108.301	ug/l	98
24) 1,1-Dichloroethane	3.70	63	150107	21.661	ug/l	99
25) 2-Butanone	4.71	43	369765	99.766	ug/l	99
26) 2,2-Dichloropropane	4.59	77	129606	18.478	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	87254	19.584	ug/l	94
28) Bromochloromethane	5.03	49	68609	22.435	ug/l	98
29) Tetrahydrofuran	5.17	42	233910	97.002	ug/l	99
30) Chloroform	5.22	83	151128	19.357	ug/l	99
31) Cyclohexane	5.58	56	130906	18.131	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	140305	19.276	ug/l	98
36) 1,1-Dichloropropene	5.81	75	109896	19.052	ug/l	99
37) Ethyl Acetate	4.87	43	142820	18.992	ug/l	99
38) Carbon Tetrachloride	5.79	117	124806	18.554	ug/l	97

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Instrument :
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 ClientSampleID :
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Manual Integrations
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Quant Time: May 26 03:30:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120548	17.011	ug/l	98
40) Benzene	6.15	78	326590	19.326	ug/l	99
41) Methacrylonitrile	5.07	41	79959	19.313	ug/l	99
42) 1,2-Dichloroethane	6.21	62	128689	19.064	ug/l	100
43) Isopropyl Acetate	6.48	43	238141	19.005	ug/l	100
44) Trichloroethene	7.22	130	94077	19.104	ug/l	99
45) 1,2-Dichloropropane	7.52	63	89785	19.564	ug/l	97
46) Dibromomethane	7.67	93	57827	19.031	ug/l	99
47) Bromodichloromethane	7.90	83	120423	18.587	ug/l	99
48) Methyl methacrylate	7.79	41	120244	18.855	ug/l	99
49) 1,4-Dioxane	7.76	88	45318	403.253	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	739828	97.946	ug/l	99
52) Toluene	8.79	92	206758	19.225	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	141481	18.960	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	136932	18.832	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	84084	18.715	ug/l	98
56) Ethyl methacrylate	9.19	69	141787	18.348	ug/l	98
57) 1,3-Dichloropropane	9.38	76	143150	19.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	336652	98.288	ug/l	100
59) 2-Hexanone	9.50	43	574656	98.667	ug/l	98
60) Dibromochloromethane	9.59	129	97531	18.328	ug/l	100
61) 1,2-Dibromoethane	9.68	107	89321	18.947	ug/l	98
64) Tetrachloroethene	9.34	164	102963	19.099	ug/l	99
65) Chlorobenzene	10.15	112	235151	19.740	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	90302	18.773	ug/l	99
67) Ethyl Benzene	10.26	91	406457	19.638	ug/l	99
68) m/p-Xylenes	10.37	106	308012	38.931	ug/l	100
69) o-Xylene	10.70	106	151386	19.164	ug/l	99
70) Styrene	10.72	104	257392	19.647	ug/l	99
71) Bromoform	10.86	173	81259	17.815	ug/l #	98
73) Isopropylbenzene	11.02	105	400434	18.592	ug/l	100
74) N-amyl acetate	6.48	43	238141	19.382	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	122302	20.002	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	134739m	22.055	ug/l	
77) Bromobenzene	11.26	156	110110	19.269	ug/l	99
78) n-propylbenzene	11.37	91	460528	19.092	ug/l	100
79) 2-Chlorotoluene	11.43	91	279170	19.700	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	340435	18.496	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	43863	17.256	ug/l	96
82) 4-Chlorotoluene	11.52	91	328324	19.298	ug/l	100
83) tert-Butylbenzene	11.77	119	318547	17.636	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	361916	19.027	ug/l	99
85) sec-Butylbenzene	11.95	105	386603	17.806	ug/l	99
86) p-Isopropyltoluene	12.07	119	354347	18.238	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	198135	19.361	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	202294	19.772	ug/l	99
89) n-Butylbenzene	12.39	91	310313	18.849	ug/l	100
90) Hexachloroethane	12.60	117	63337	16.527	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	199783	19.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	34590	18.064	ug/l	86

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Manual Integrations
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5/29/2018 4:39:23 PM

Quant Time: May 26 03:30:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	144435	19.372	ug/l	98
94) Hexachlorobutadiene	13.79	225	61181	15.254	ug/l	100
95) Naphthalene	13.84	128	458358	19.954	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148207	19.211	ug/l	99

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



#1

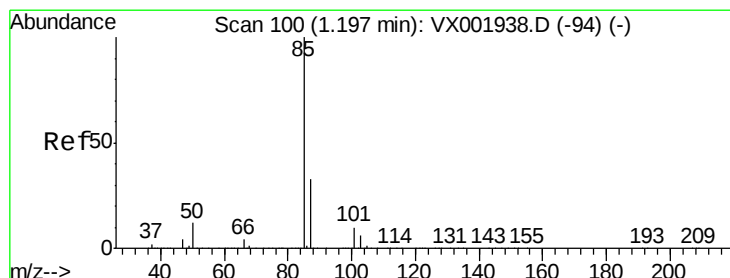
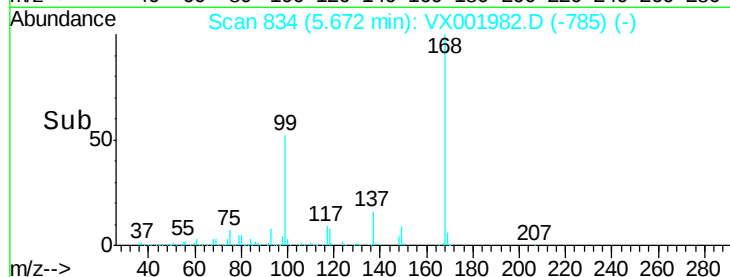
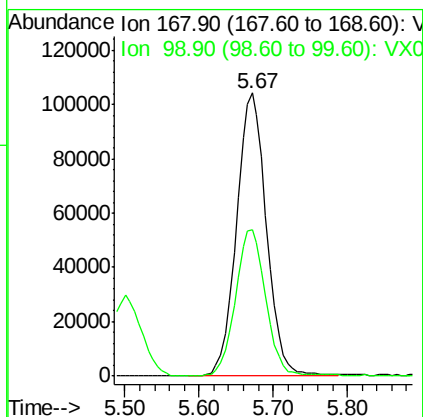
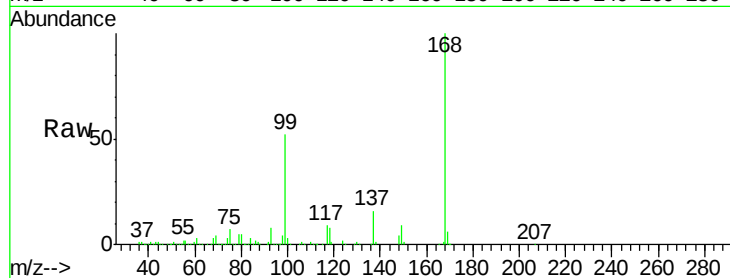
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.5	41.0	61.4

Manual Integrations
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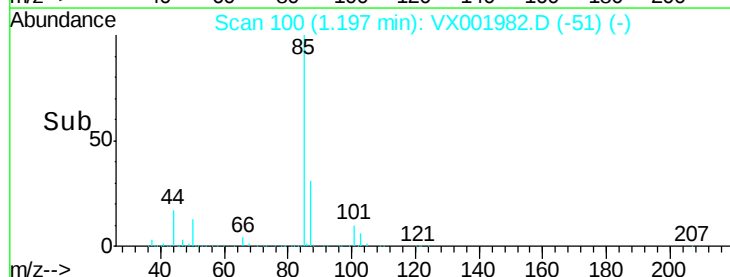
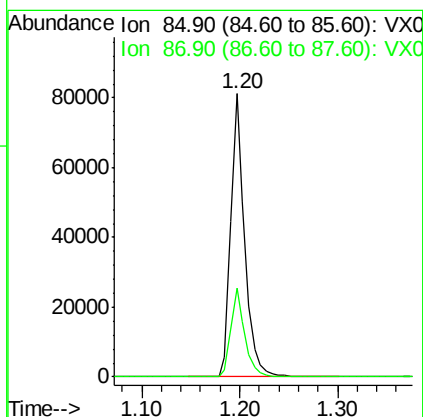
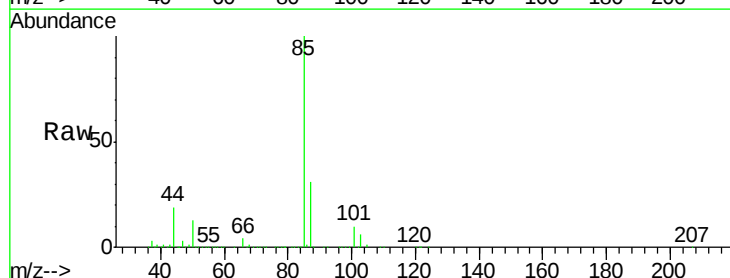
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#2

Dichlorodifluoromethane
Concen: 20.648 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.7	50.0





#3

Chloromethane

Concen: 19.665 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion: 50 Resp: 88694

Ion Ratio Lower Upper

50 100

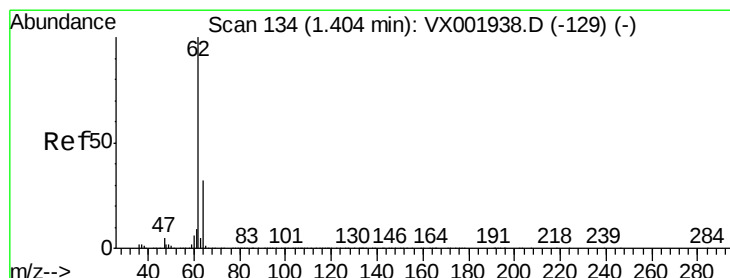
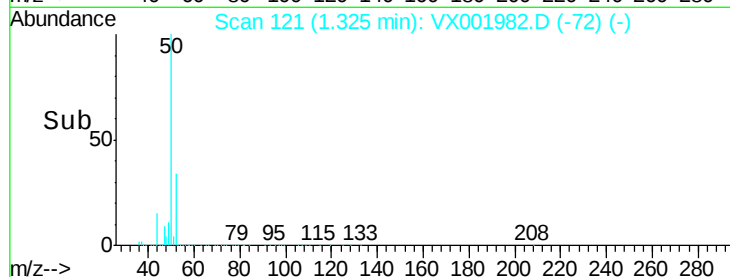
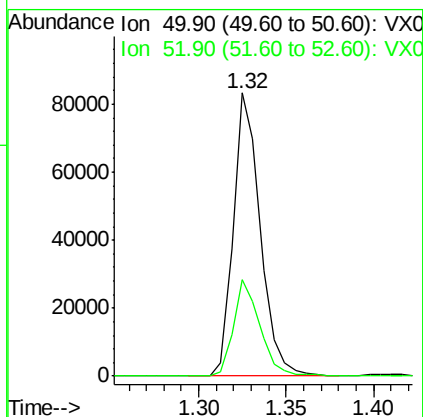
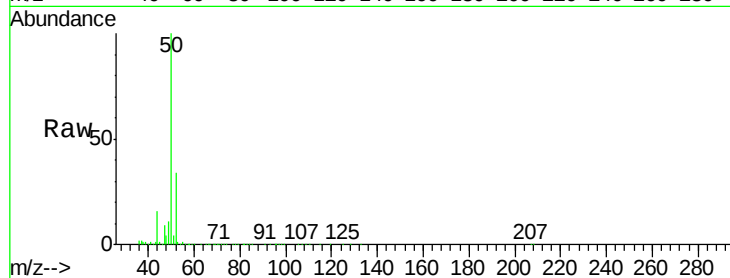
52 34.1 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.432 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001982.D

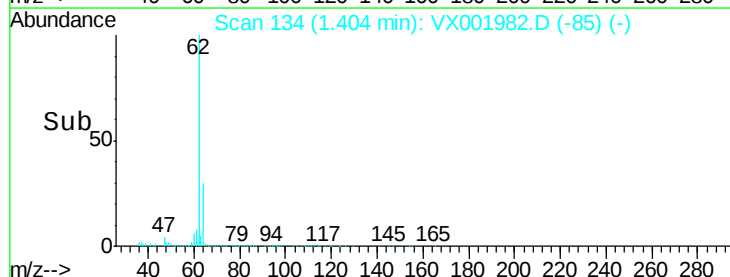
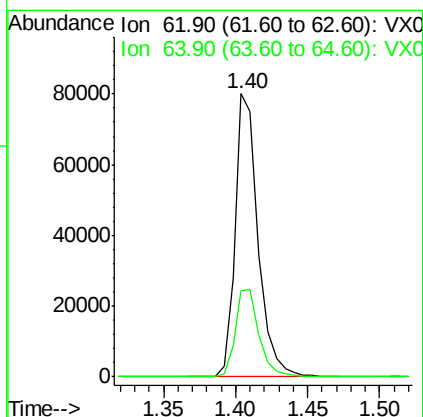
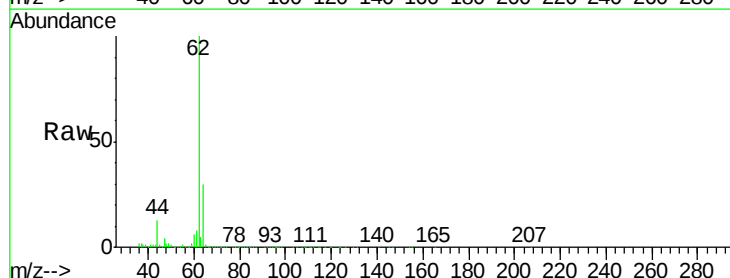
Acq: 25 May 2018 17:30

Tgt Ion: 62 Resp: 88979

Ion Ratio Lower Upper

62 100

64 30.4 25.4 38.0





#5

Bromomethane

Concen: 25.701 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion: 94 Resp: 52457

Ion Ratio Lower Upper

94 100

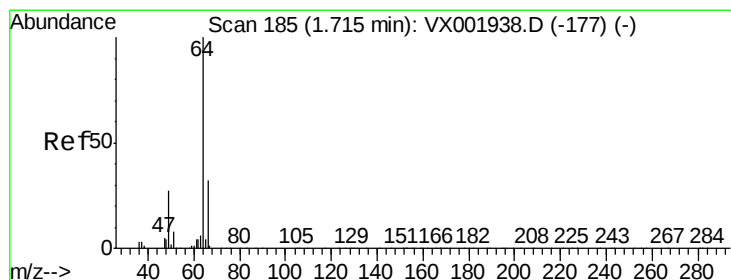
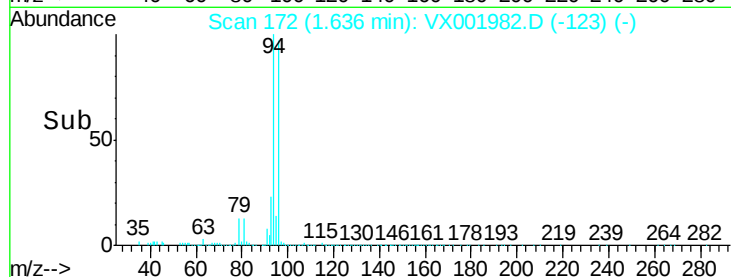
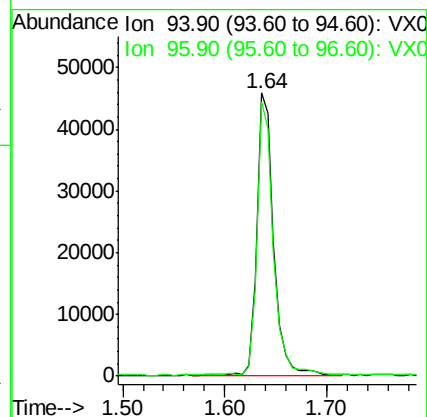
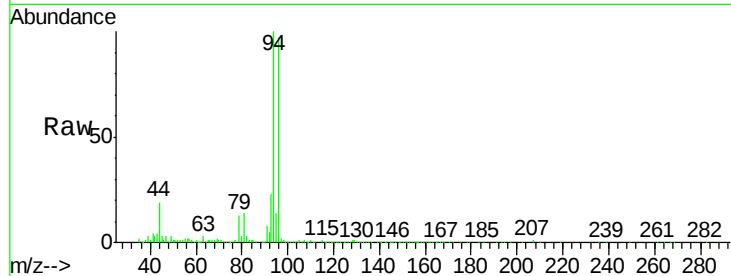
96 96.9 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 21.410 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001982.D

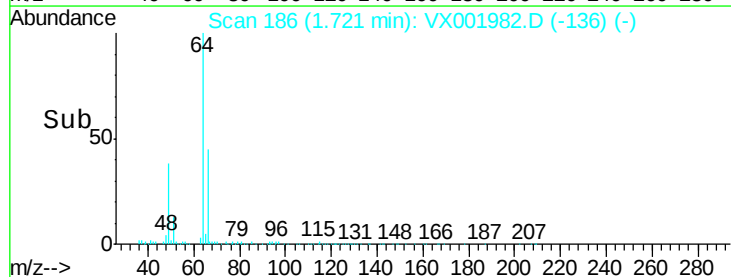
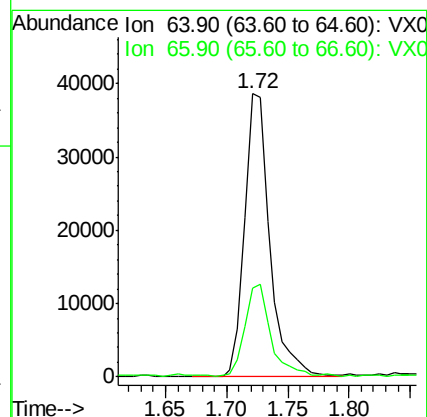
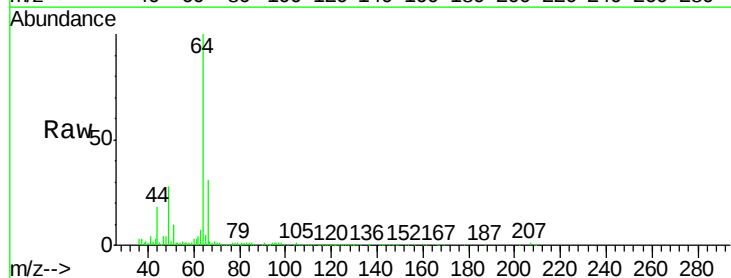
Acq: 25 May 2018 17:30

Tgt Ion: 64 Resp: 54963

Ion Ratio Lower Upper

64 100

66 31.0 25.6 38.4





#7

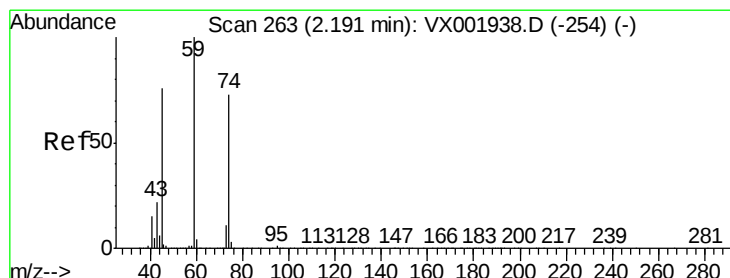
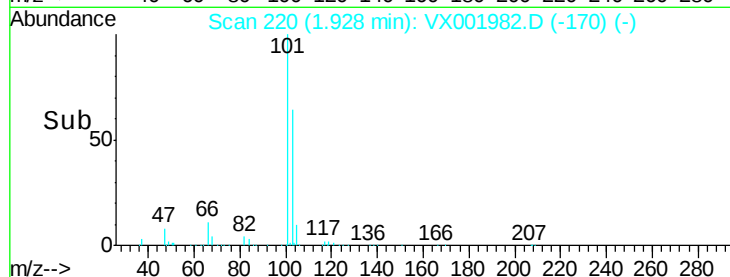
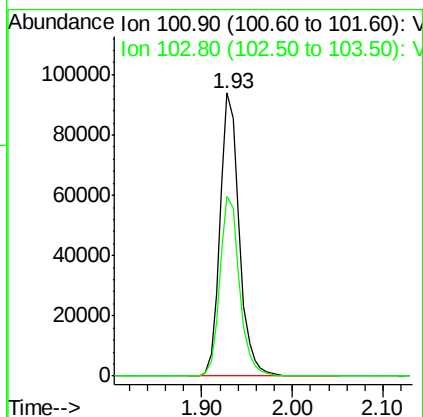
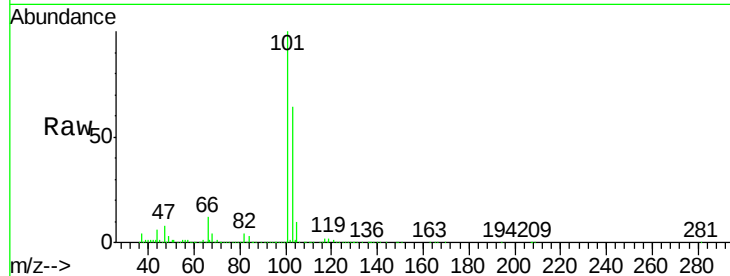
Trichlorofluoromethane
Concen: 21.175 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.4	77.0

Manual Integrations
APPROVED

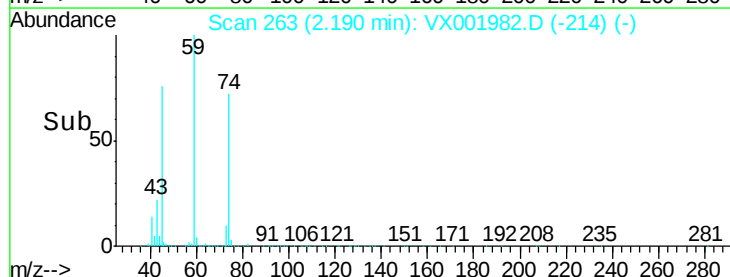
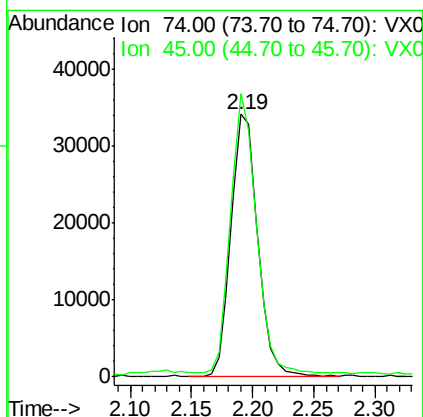
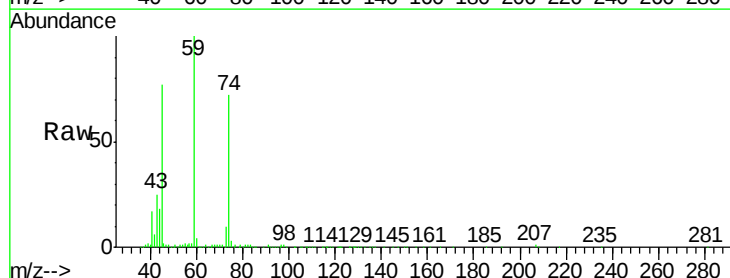
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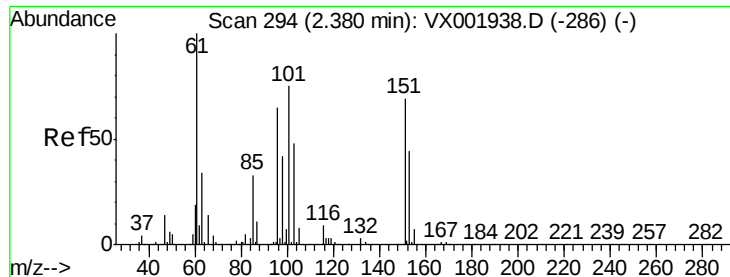


#8

Diethyl Ether
Concen: 21.628 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.5	51.5	154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.066 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

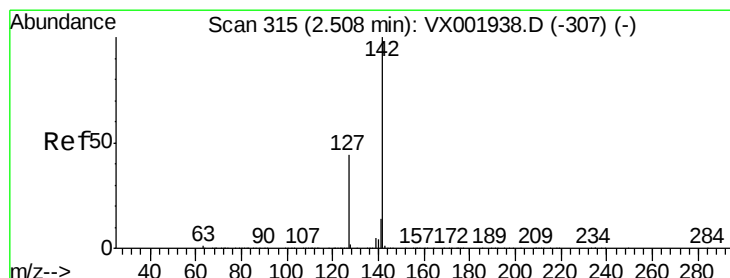
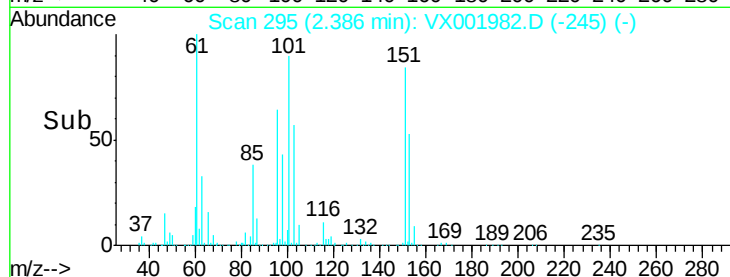
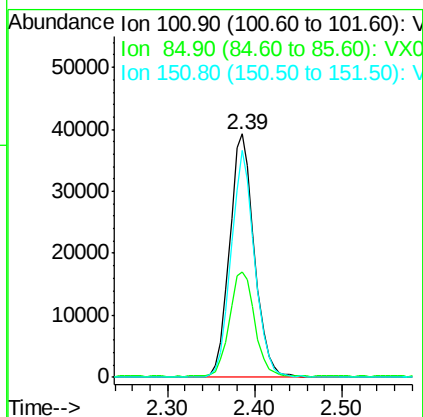
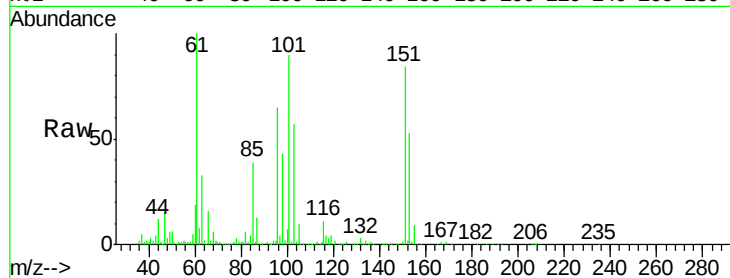
ClientSampleId :

VX0525MBSD01

Tot Ion:	101	Resp:	76877
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.6	53.4
151	89.4	73.2	109.8

Manual Integrations
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#10

Methyl Iodide

Concen: 21.100 ug/l

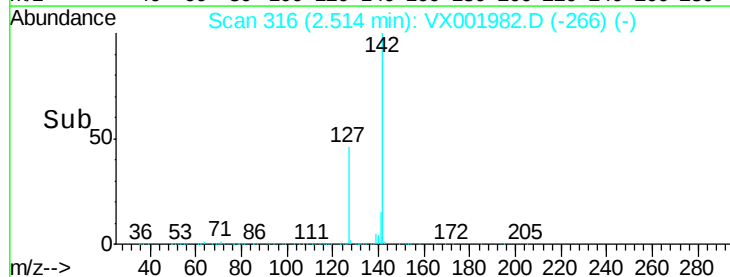
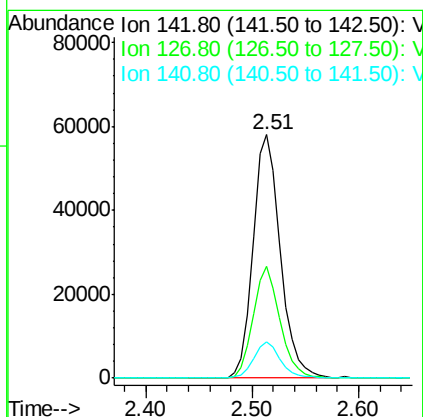
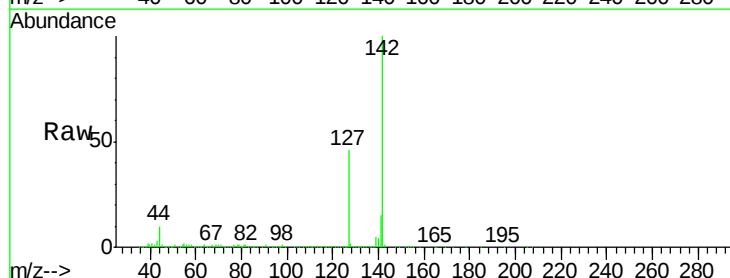
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Tgt Ion:	142	Resp:	104188
Ion Ratio	Lower	Upper	
142	100		
127	45.5	35.5	53.3
141	14.7	11.3	16.9





#11

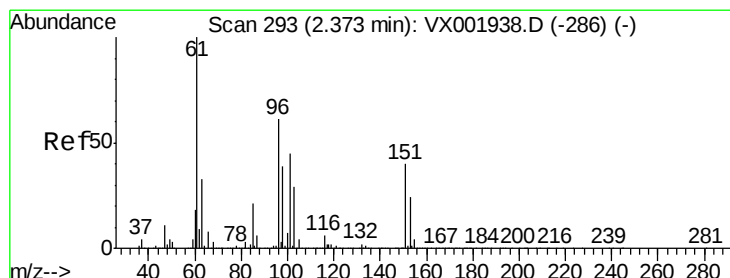
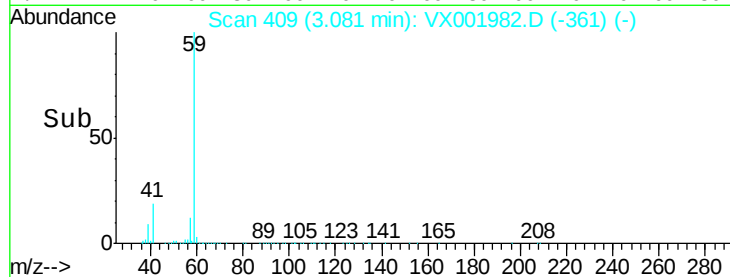
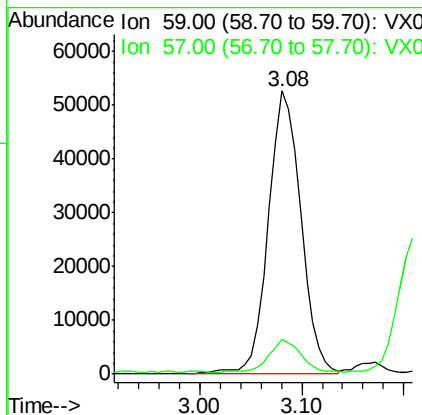
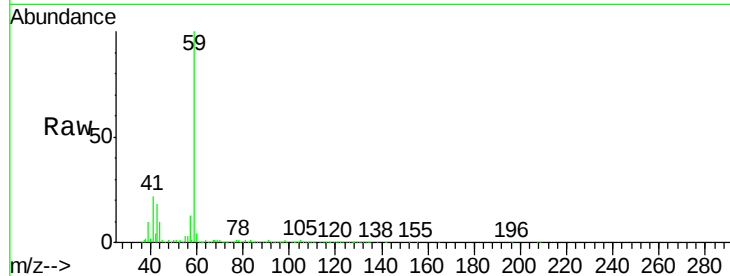
Tert butyl alcohol
 Concen: 113.243 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.9	13.3

Manual Integrations
 APPROVED

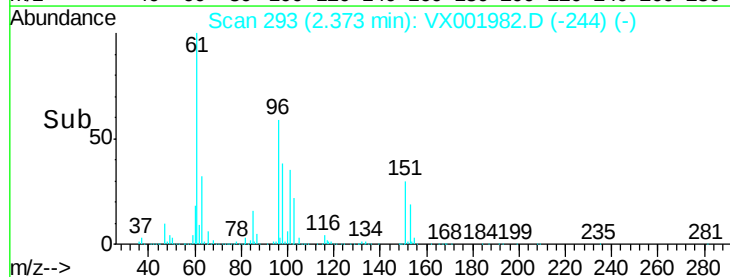
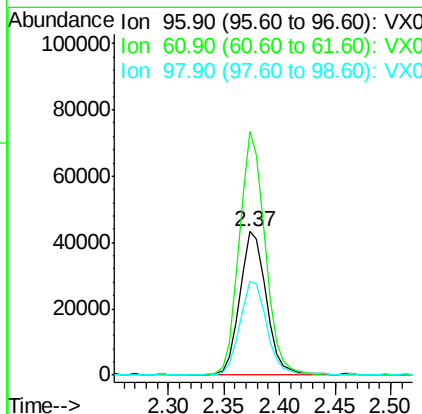
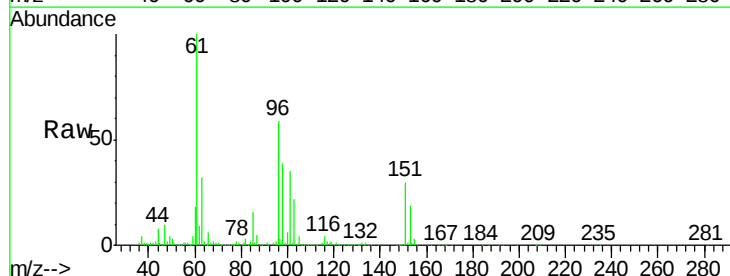
MMDadoda
 5/29/2018 4:39:23 PM



#12

1,1-Dichloroethene
 Concen: 20.782 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.9	131.7	197.5
98	65.0	51.6	77.4





#13

Acrolein

Concen: 90.128 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion: 56 Resp: 40080

Ion Ratio Lower Upper

56 100

55 72.8

56.8

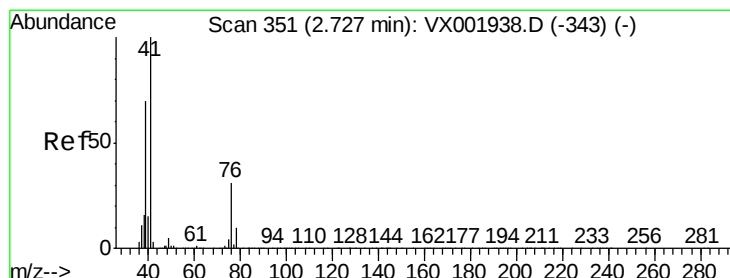
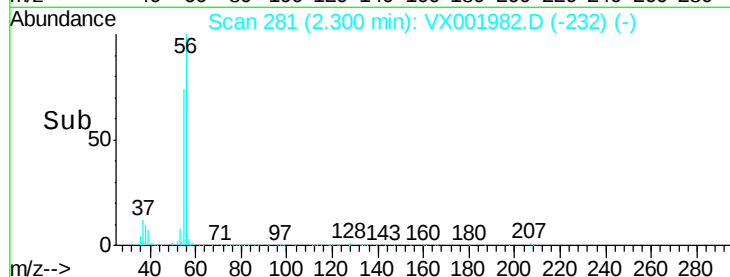
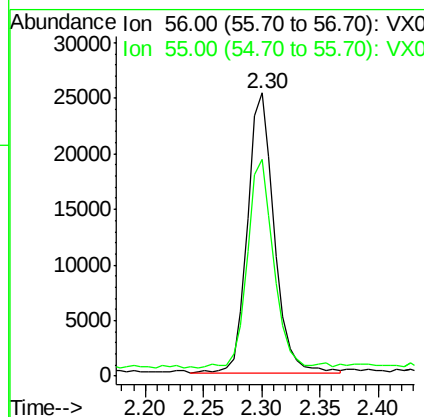
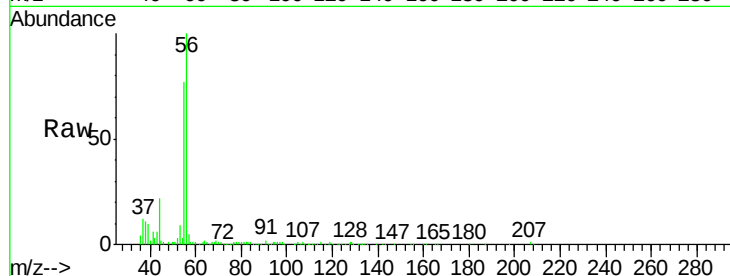
85.2

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 21.382 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Tgt Ion: 41 Resp: 153355

Ion Ratio Lower Upper

41 100

39 67.8

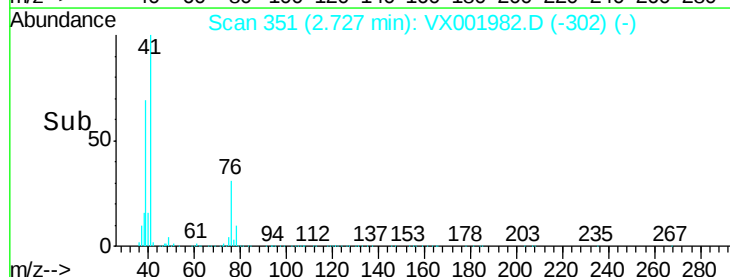
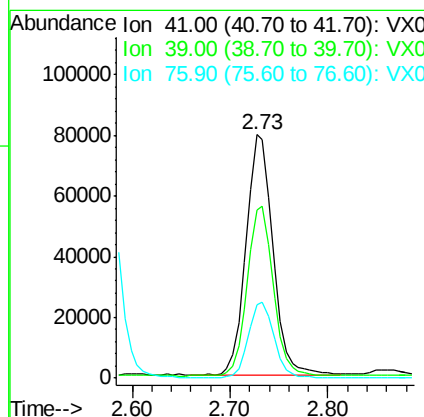
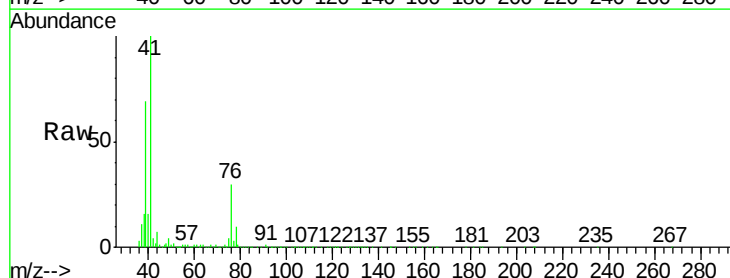
54.3

81.5

76 30.1

24.2

36.4





#15

Acrylonitrile

Concen: 106.137 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

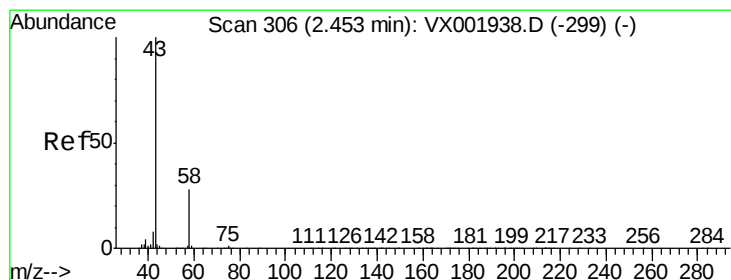
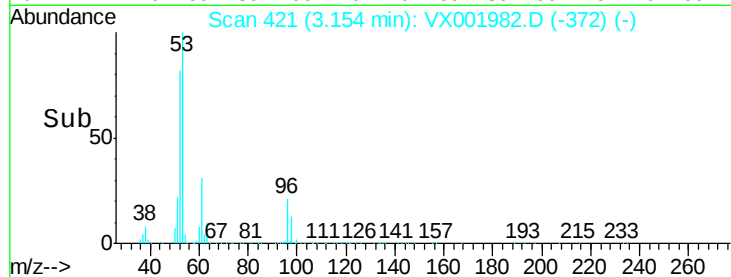
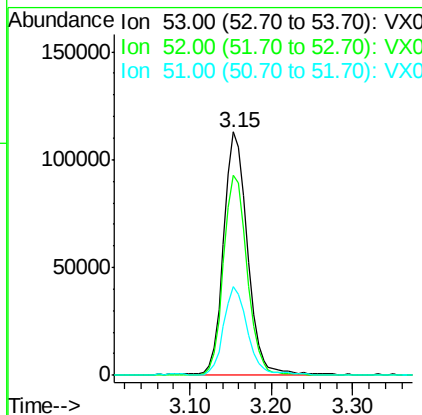
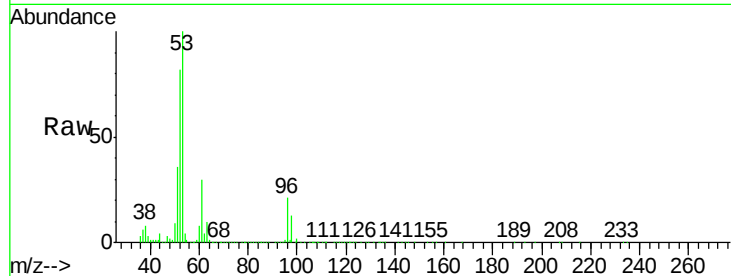
ClientSampleId :

VX0525MBSD01

Tot Ion:	53	Resp:	224485
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.4	99.6
51	36.6	29.3	43.9

Manual Integrations
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5/29/2018 4:39:23 PM



#16

Acetone

Concen: 113.858 ug/l

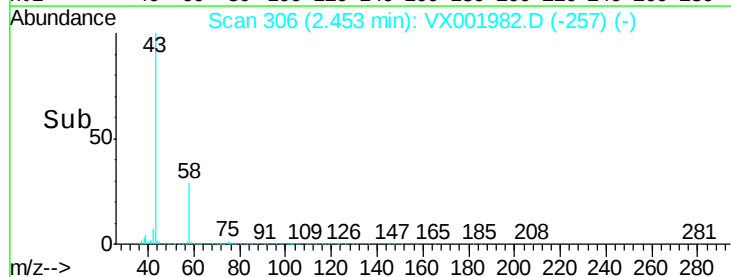
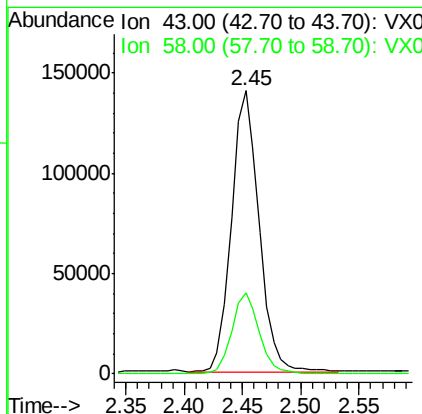
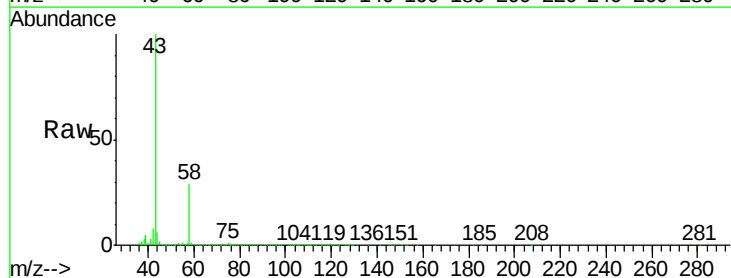
RT: 2.45 min Scan# 306

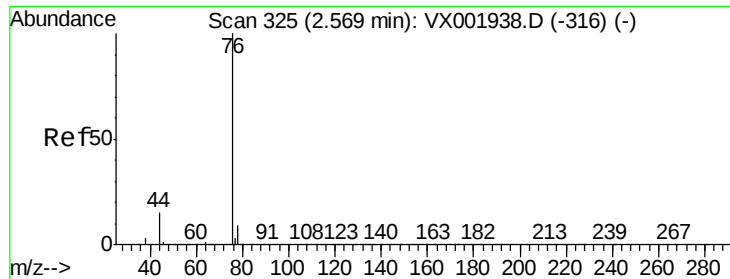
Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Tgt Ion:	43	Resp:	230244
Ion Ratio	Lower	Upper	
43	100		
58	28.8	22.3	33.5





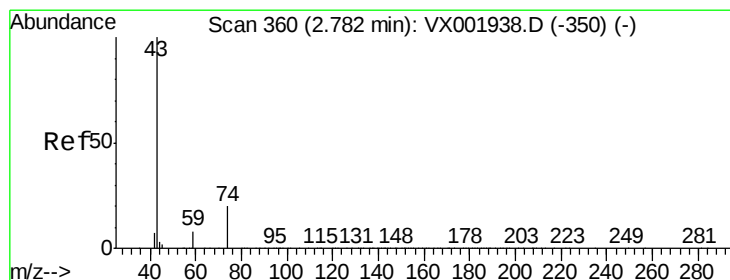
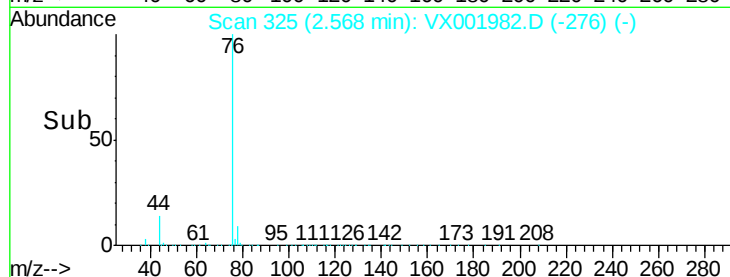
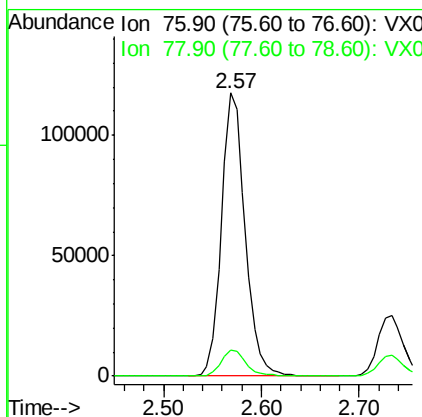
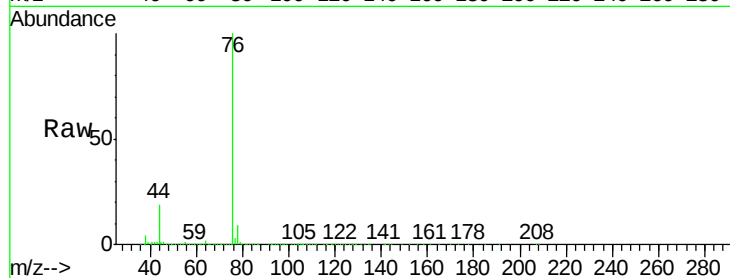
#17
Carbon Disulfide
Concen: 20.045 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

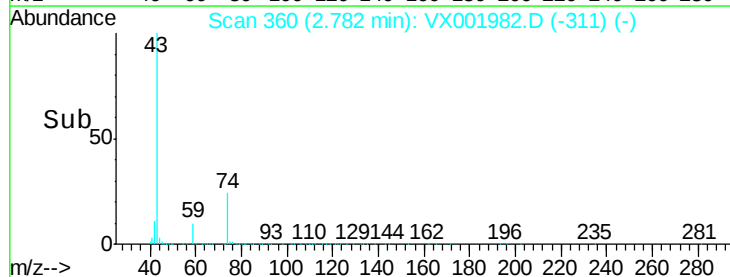
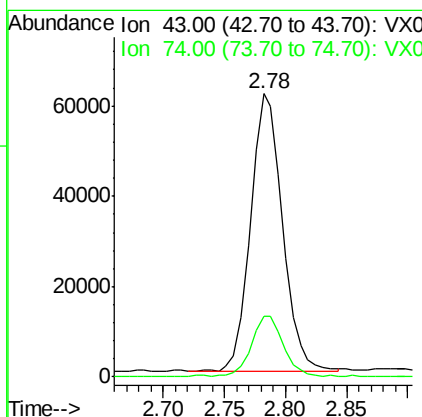
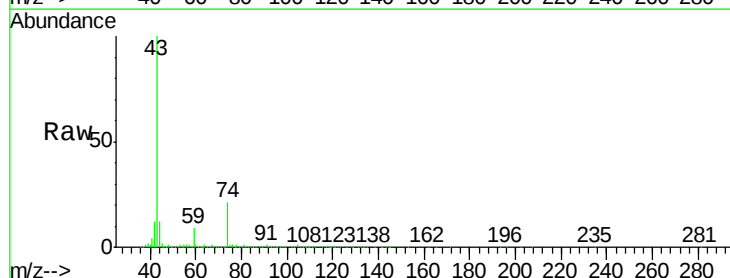
Manual Integrations
APPROVED

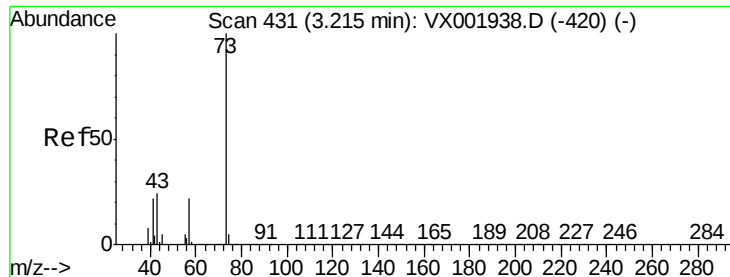
MMDadoda
5/29/2018 4:39:23 PM



#18
Methyl Acetate
Concen: 22.148 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.8	25.2





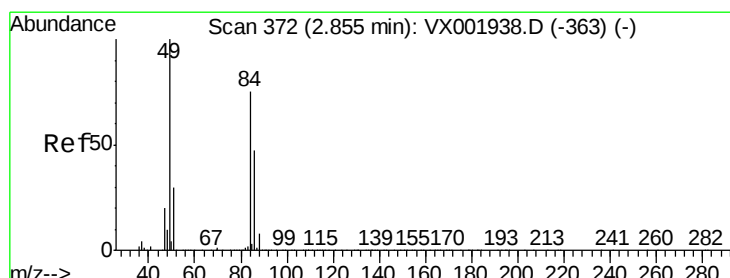
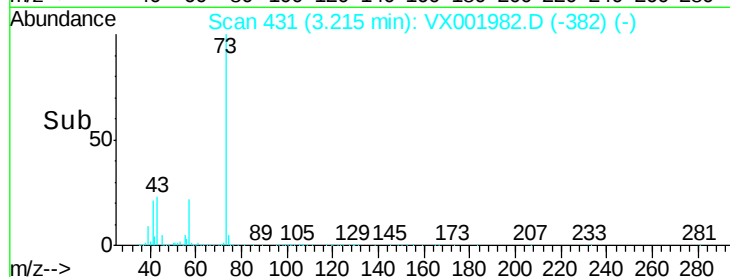
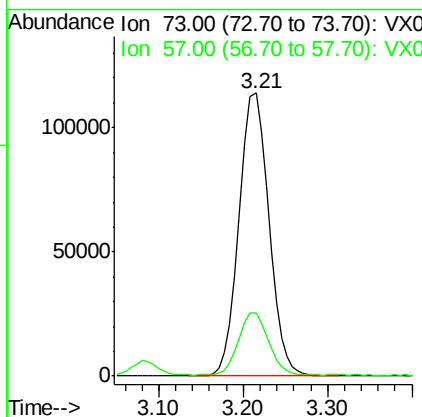
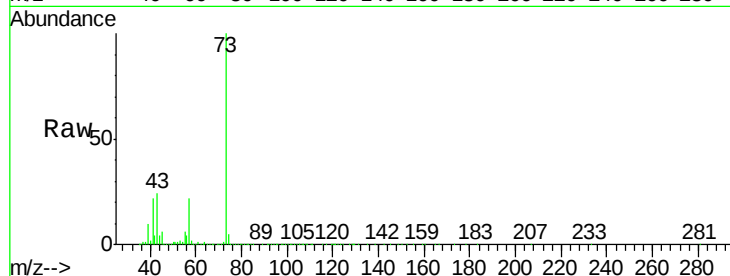
#19
Methvl tert-butvl Ether
Concen: 21.285 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.0

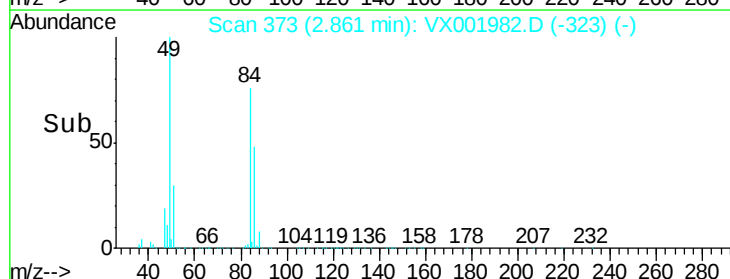
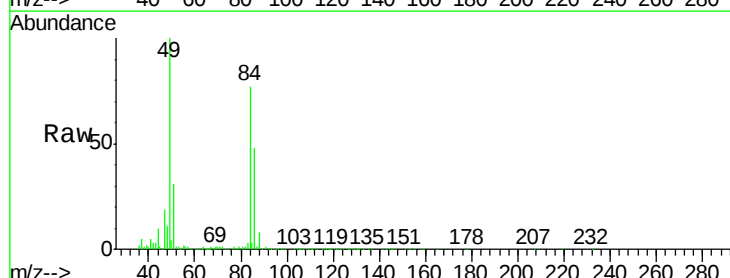
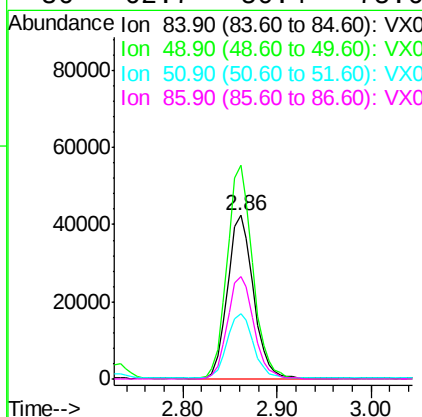
Manual Integrations
APPROVED

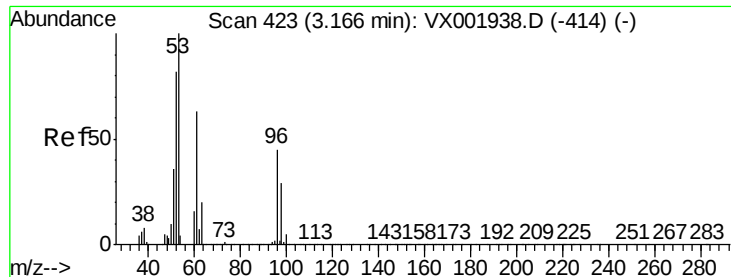
MMDadoda
5/29/2018 4:39:23 PM



#20
Methylene Chloride
Concen: 22.051 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.7	107.2	160.8
51	39.7	32.4	48.6
86	62.7	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 21.734 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

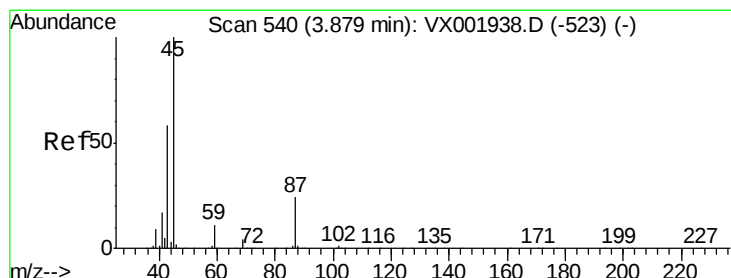
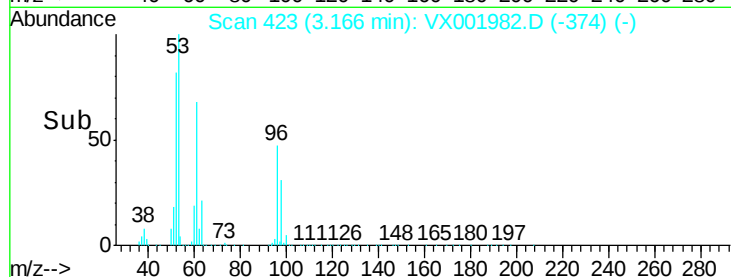
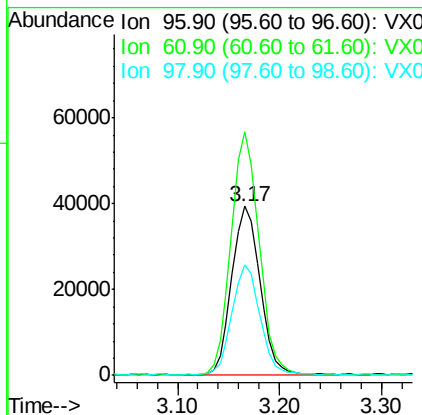
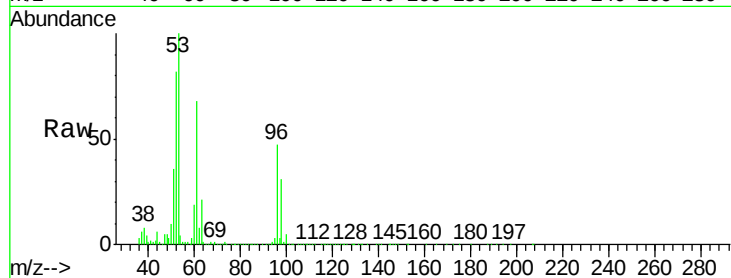
ClientSampleId :

VX0525MBSD01

Tot Ion:	96	Resp:	75265
Ion	Ratio	Lower	Upper
96	100		
61	144.1	113.3	169.9
98	64.6	51.7	77.5

Manual Integrations
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MMDadoda
5/29/2018 4:39:23 PM



#22

Diisopropyl ether

Concen: 20.331 ug/l

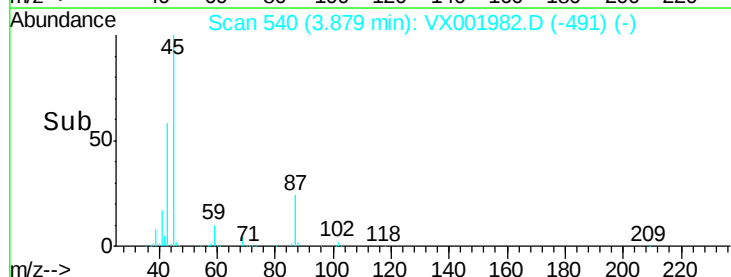
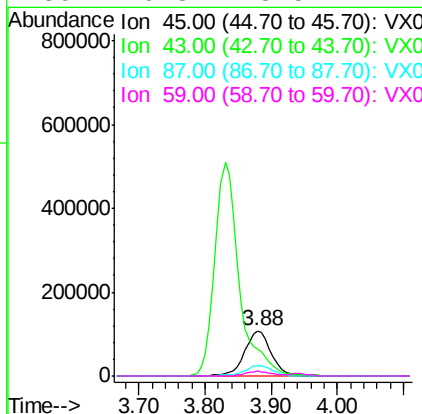
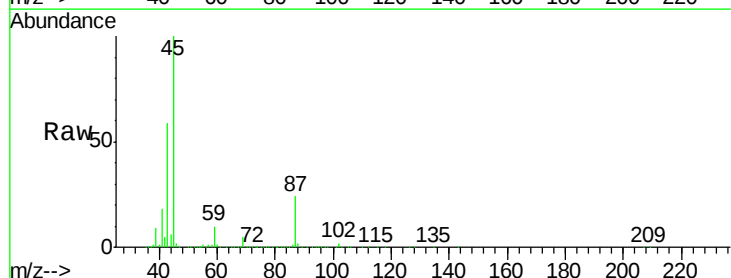
RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Tgt Ion:	45	Resp:	296601
Ion	Ratio	Lower	Upper
45	100		
43	57.8	47.0	70.6
87	23.8	19.4	29.0
59	10.3	8.5	12.7





#23

Vinyl Acetate

Concen: 108.301 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion: 43 Resp: 1309949

Ion Ratio Lower Upper

43 100

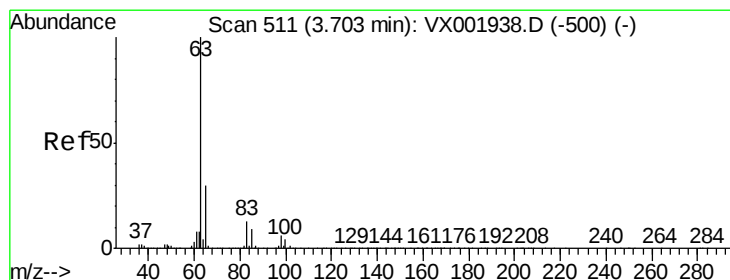
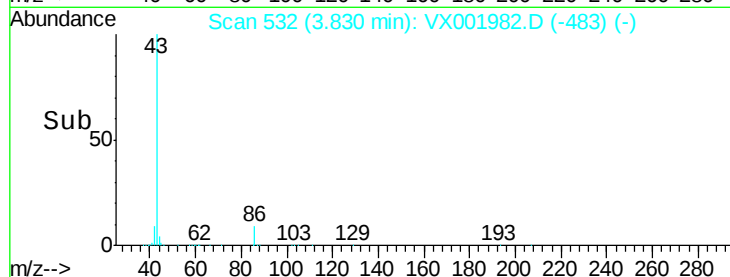
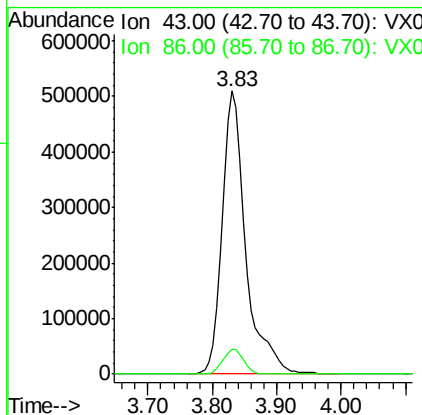
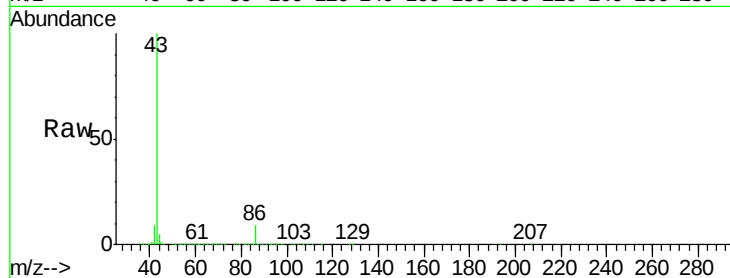
86 8.6 7.6 11.4

Manual Integrations

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MMDadoda

5/29/2018 4:39:23 PM



#24

1,1-Dichloroethane

Concen: 21.661 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

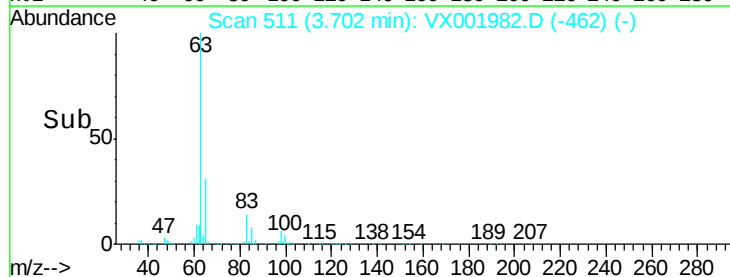
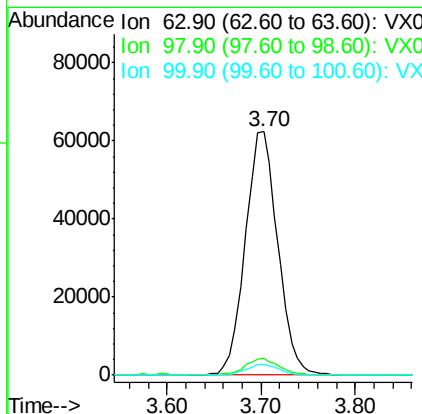
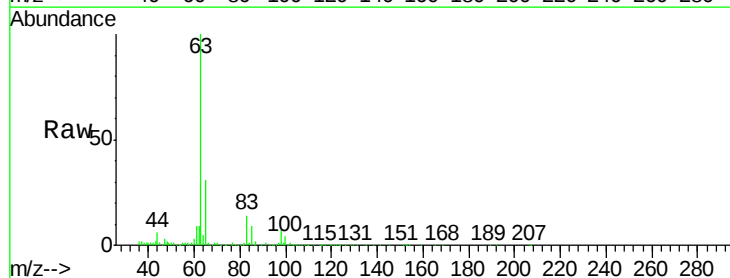
Tgt Ion: 63 Resp: 150107

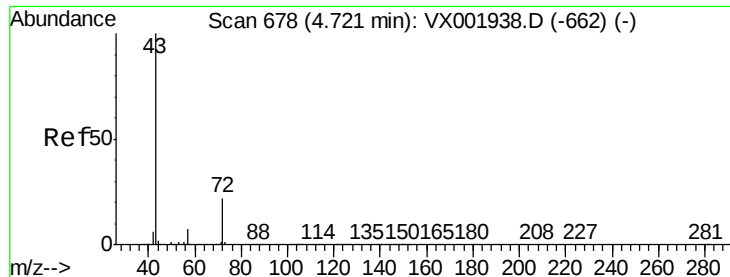
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 99.766 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion: 43 Resp: 369765

Ion Ratio Lower Upper

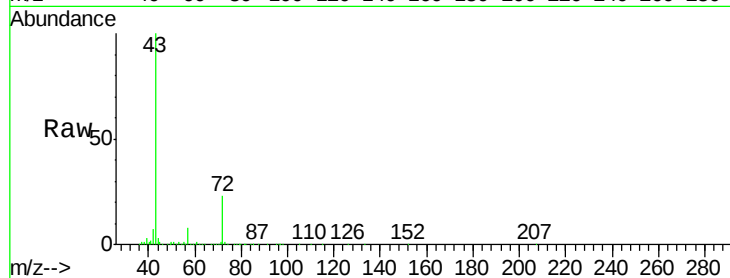
43 100

72 23.0 17.9 26.9

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

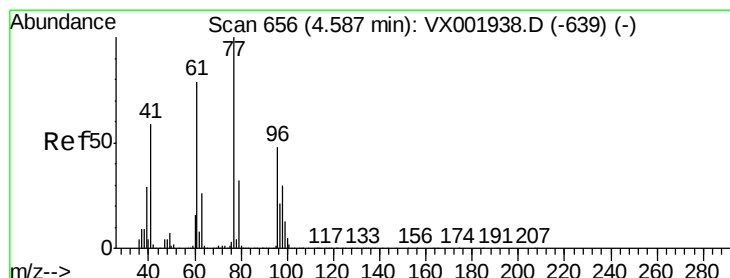
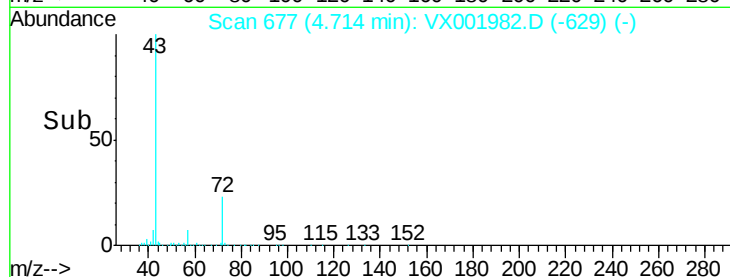
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.478 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001982.D

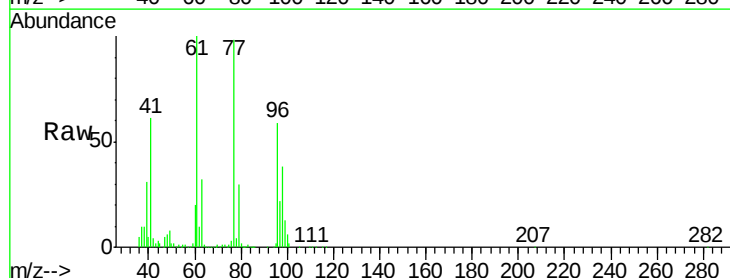
Acq: 25 May 2018 17:30

Tgt Ion: 77 Resp: 129606

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

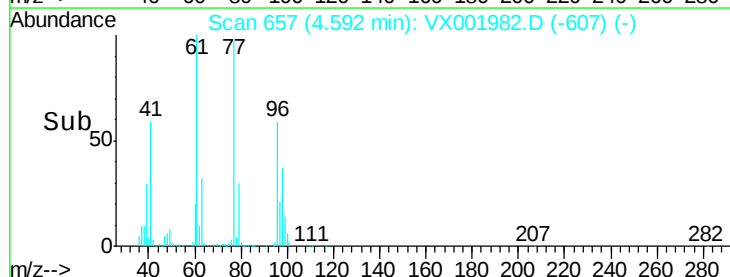
20000

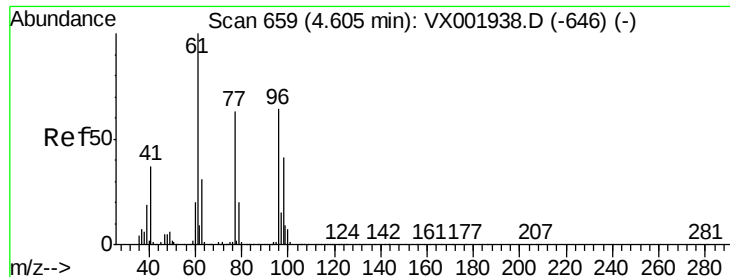
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

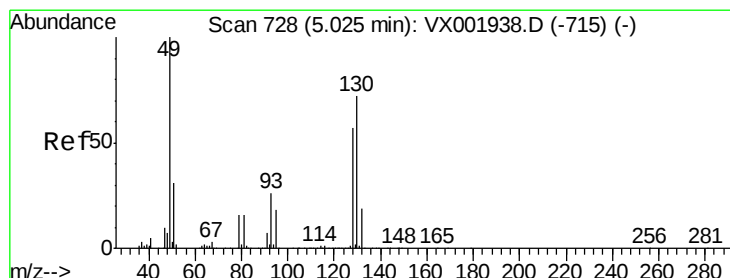
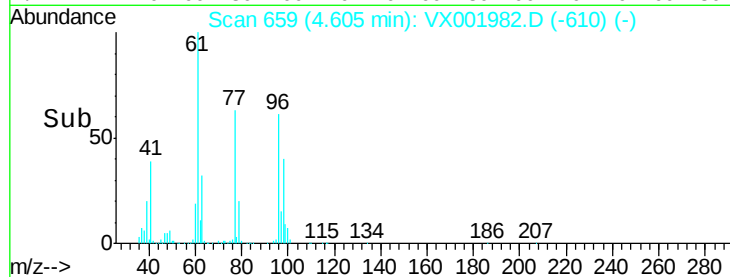
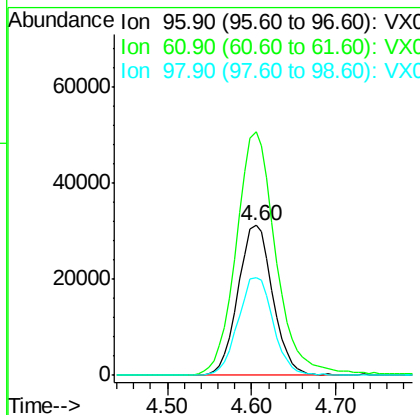
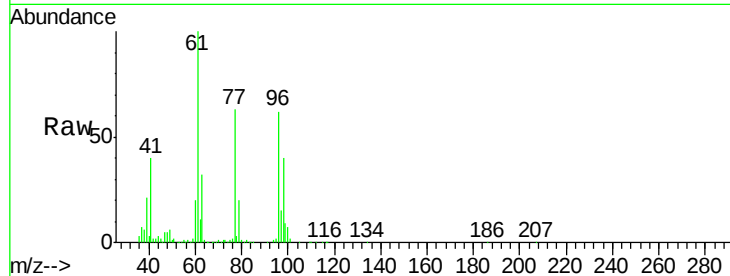
cis-1,2-Dichloroethene
 Concen: 19.584 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	185.3	0.0	348.4
98	64.7	0.0	128.6

Manual Integrations
 APPROVED

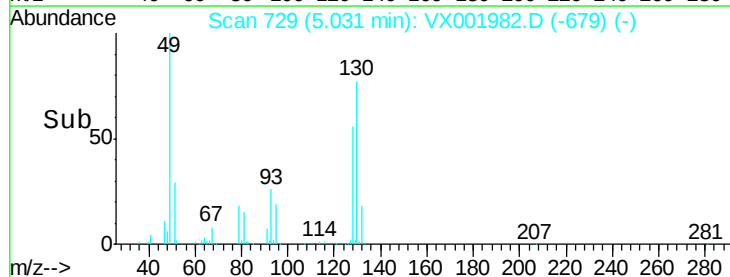
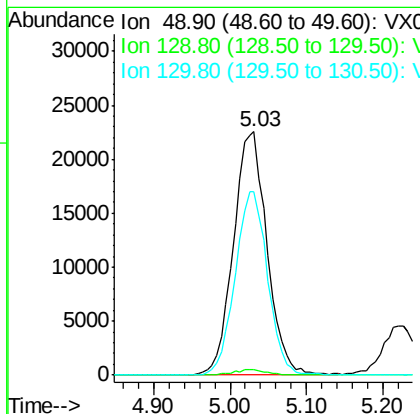
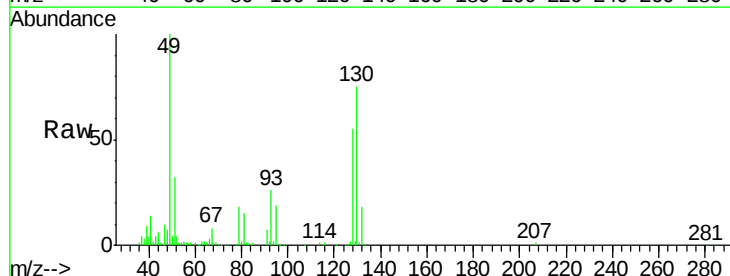
MMDadoda
 5/29/2018 4:39:23 PM



#28

Bromochloromethane
 Concen: 22.435 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	72.9	59.4	89.2





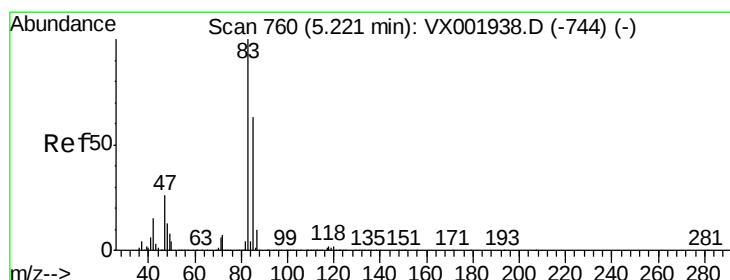
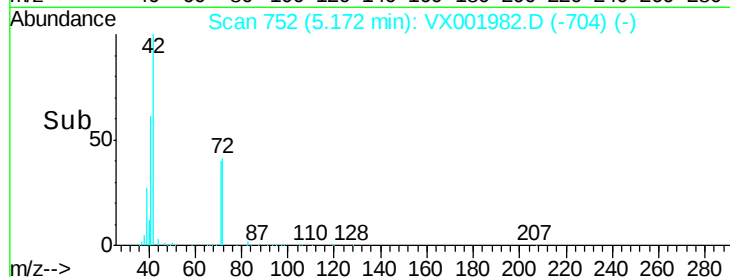
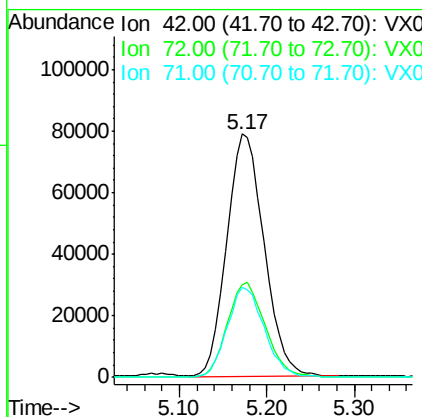
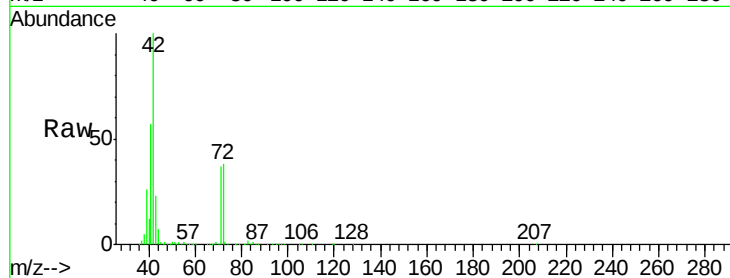
#29
Tetrahydrofuran
Concen: 97.002 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion:	42	Resp:	233910
Ion	Ratio	Lower	Upper
42	100		
72	39.7	31.4	47.0
71	37.1	29.5	44.3

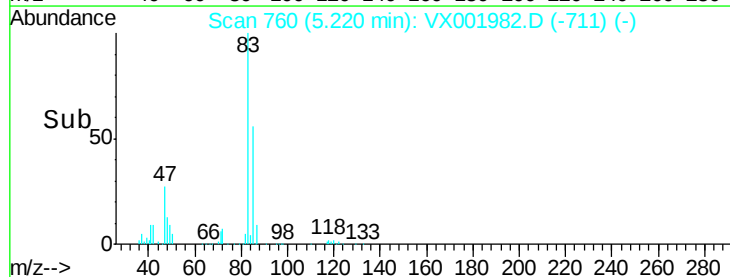
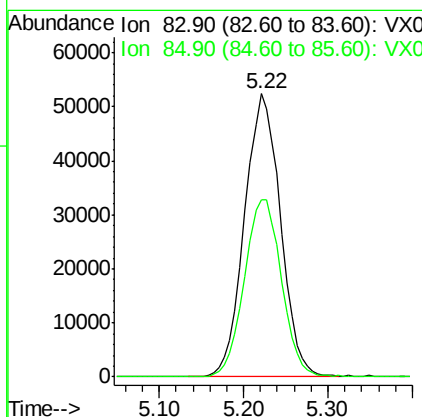
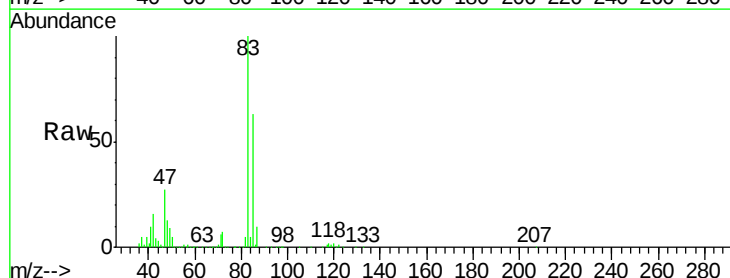
Manual Integrations
APPROVED

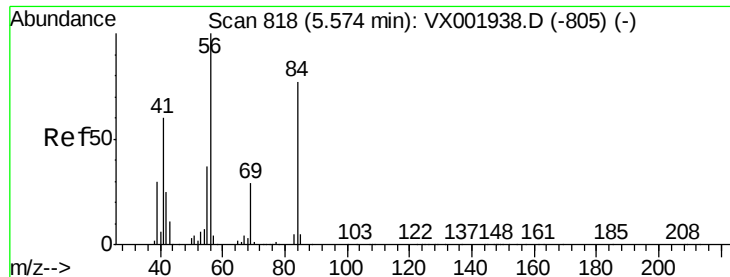
MMDadoda
5/29/2018 4:39:23 PM



#30
Chloroform
Concen: 19.357 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion:	83	Resp:	151128
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.9	76.3





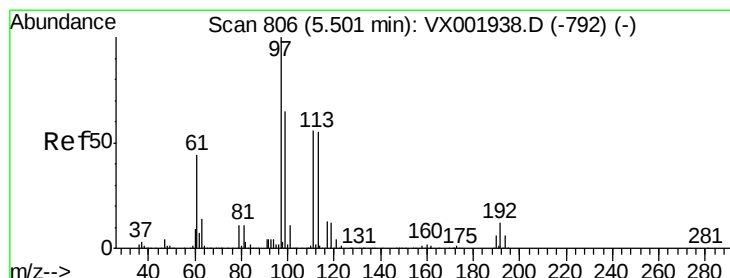
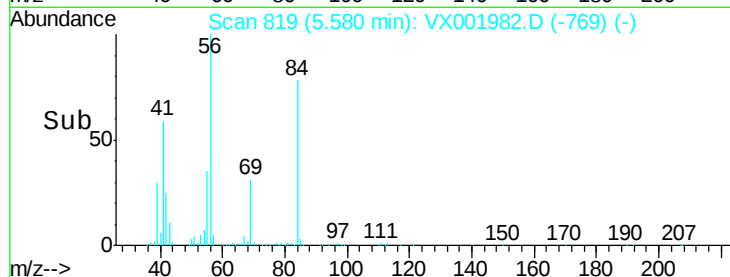
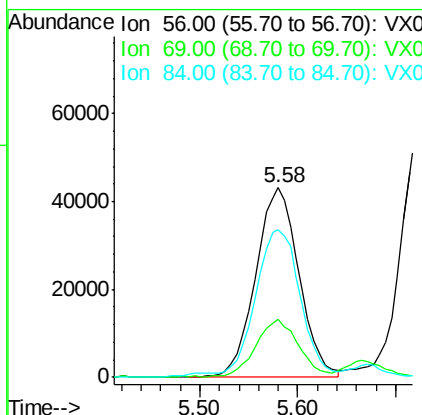
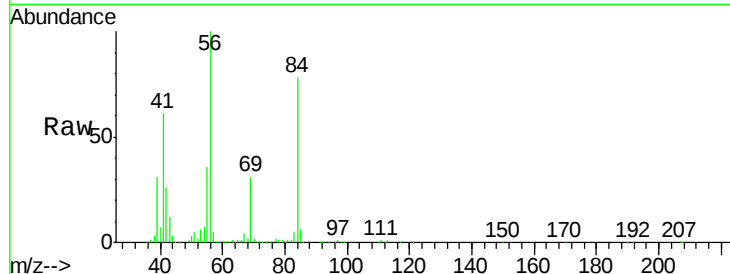
#31
Cyclohexane
Concen: 18.131 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.1	34.7
84	76.5	62.0	93.0

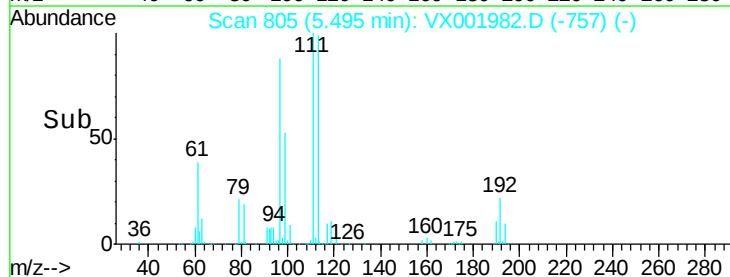
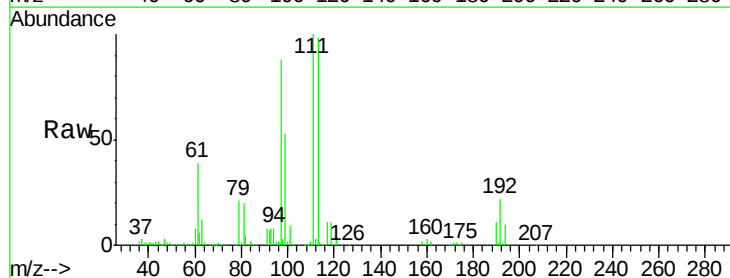
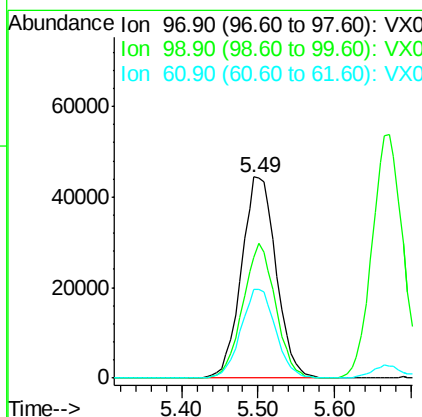
Manual Integrations
APPROVED

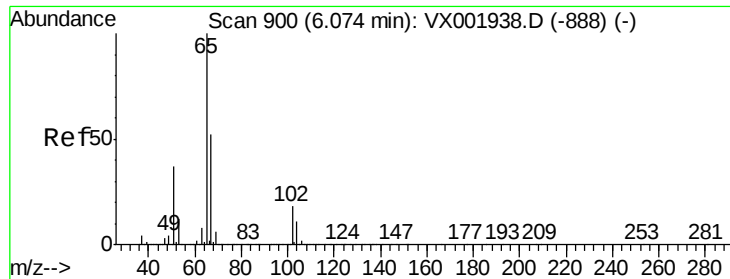
MMDadoda
5/29/2018 4:39:23 PM



#32
1,1,1-Trichloroethane
Concen: 19.276 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.9	77.9
61	44.0	35.9	53.9





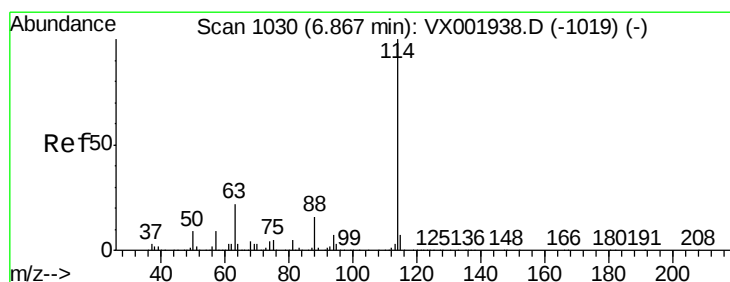
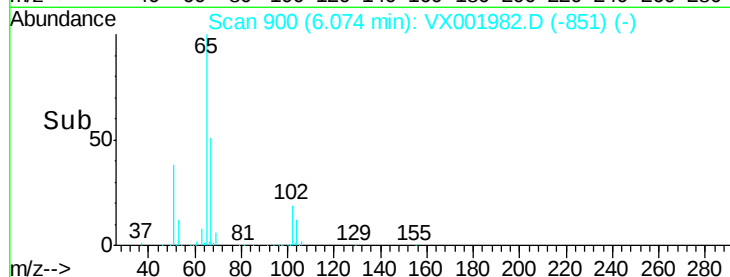
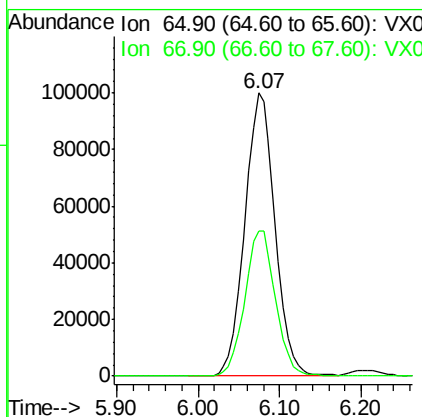
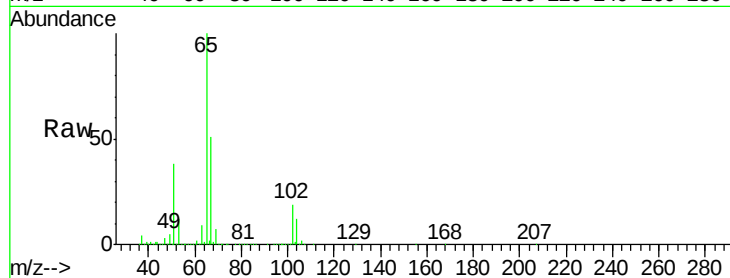
#33
 1,2-Dichloroethane-d4
 Concen: 49.028 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	256896		
67	52.0	0.0	0.0	104.0

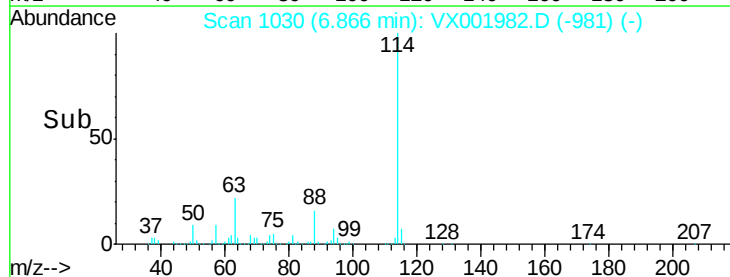
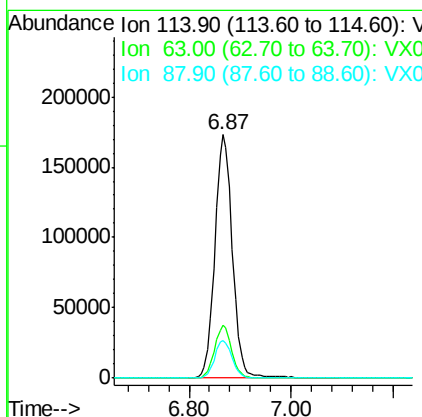
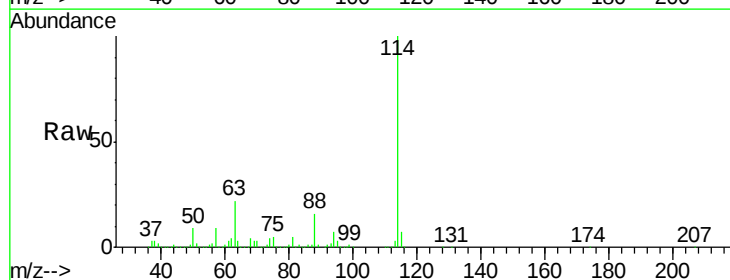
Manual Integrations
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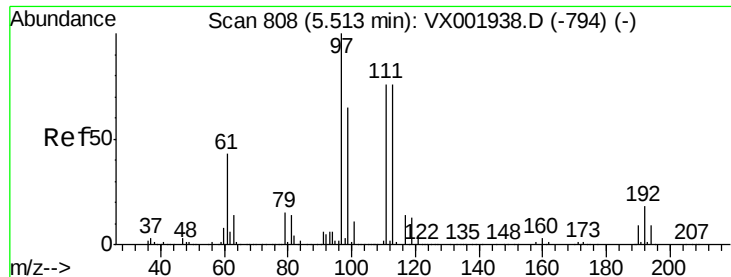
MMDadoda
 5/29/2018 4:39:23 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	414698		
63	21.8	0.0	0.0	43.2
88	15.6	0.0	0.0	31.6





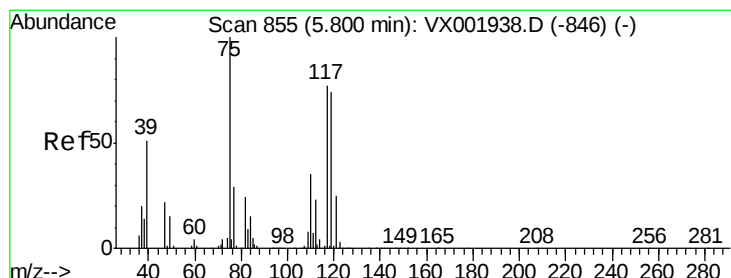
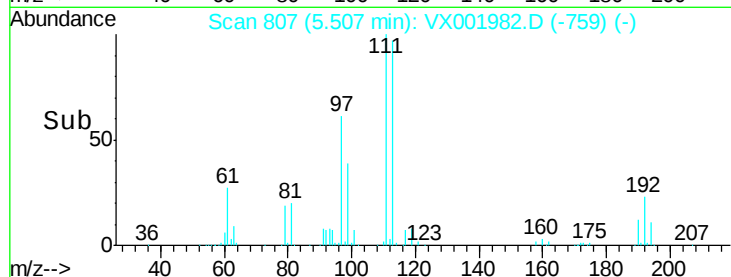
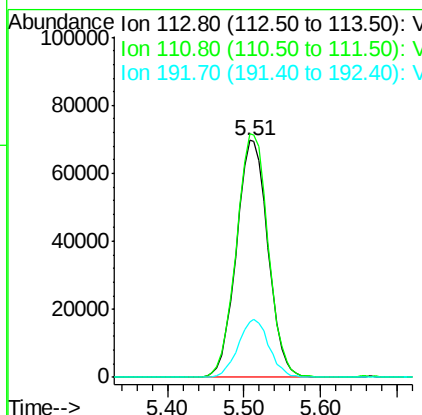
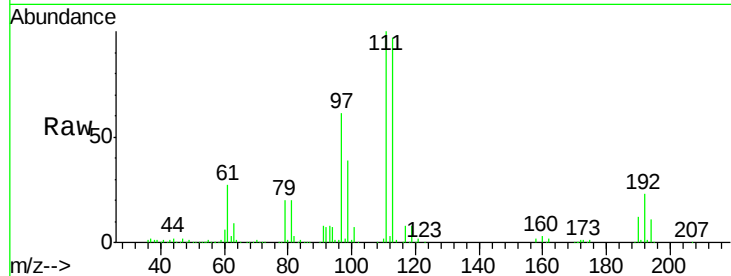
#35
 Dibromofluoromethane
 Concen: 48.249 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	200089		
111	103.4	82.0	123.0	
192	23.9	18.9	28.3	

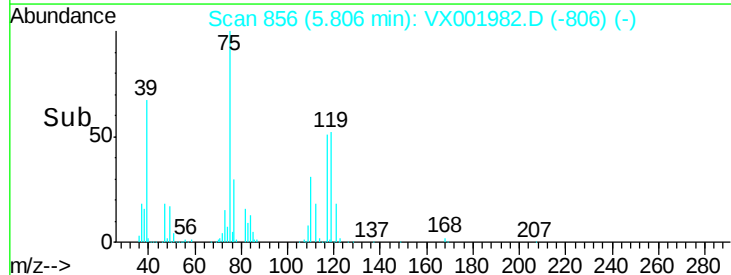
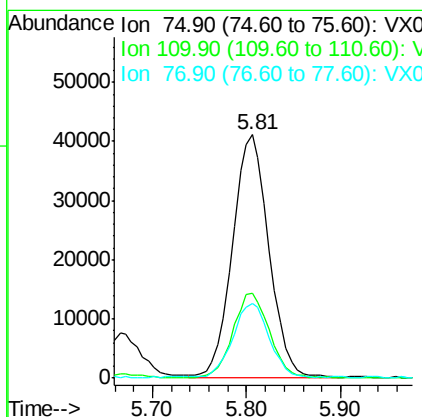
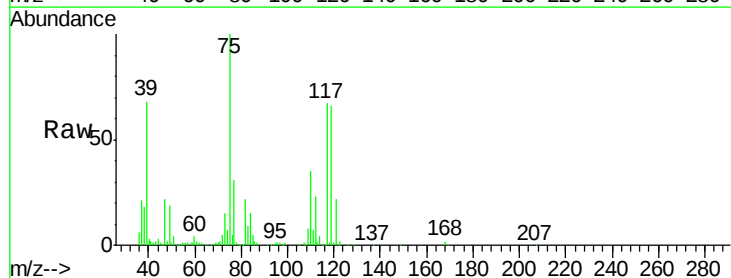
Manual Integrations
 APPROVED

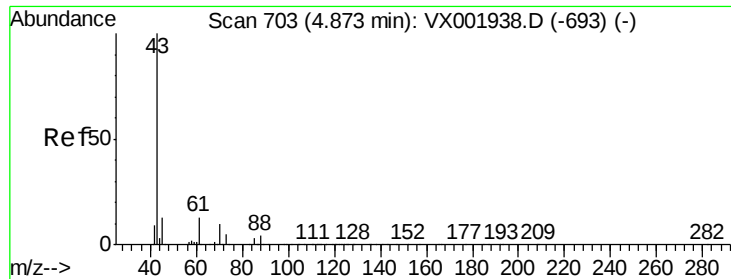
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 5/29/2018 4:39:23 PM



#36
 1,1-Dichloropropene
 Concen: 19.052 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	109896		
110	35.6	17.4	52.2	
77	30.9	24.4	36.6	





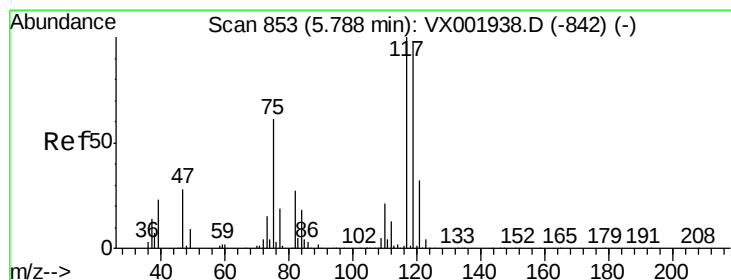
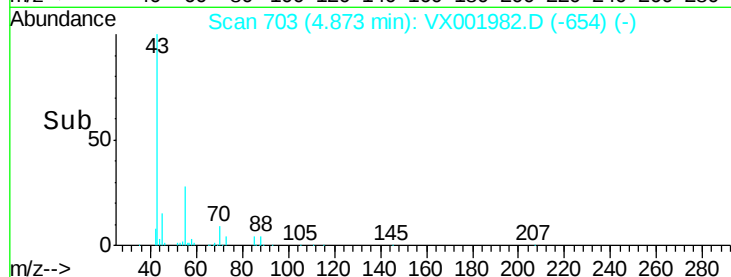
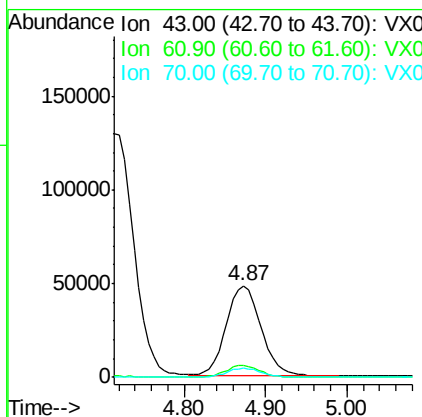
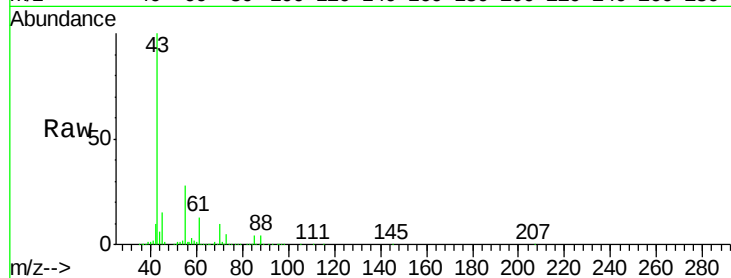
#37
Ethyl Acetate
Concen: 18.992 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.2	15.2
70	9.7	7.8	11.8

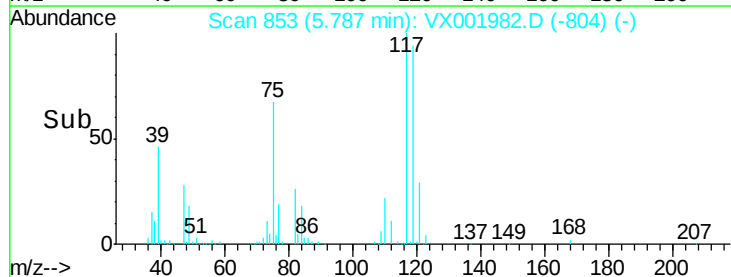
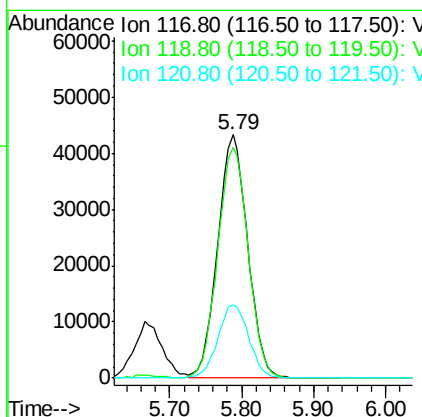
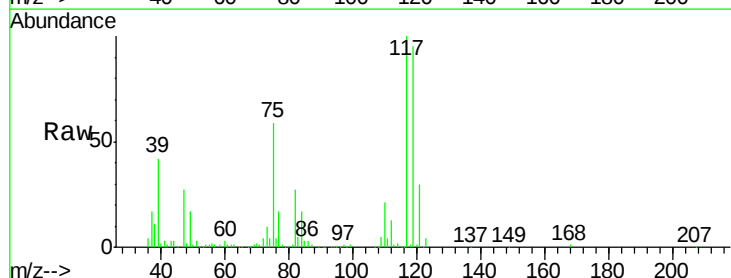
Manual Integrations
APPROVED

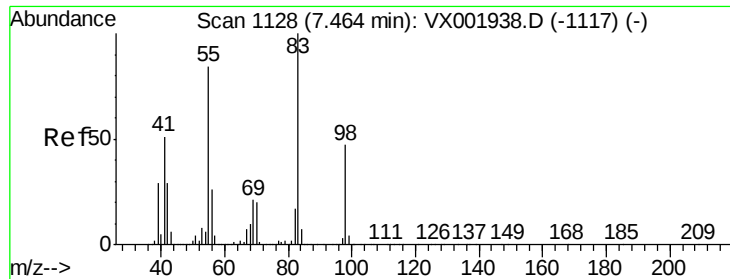
MMDadoda
5/29/2018 4:39:23 PM



#38
Carbon Tetrachloride
Concen: 18.554 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.5	117.7
121	30.0	25.5	38.3





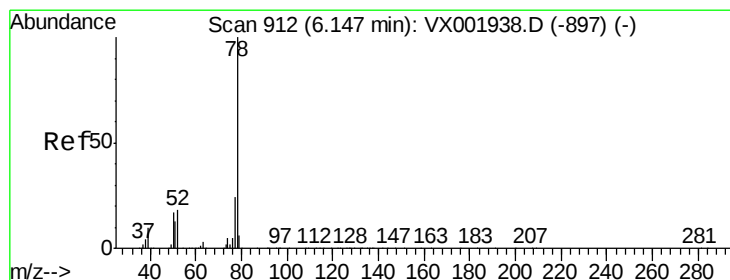
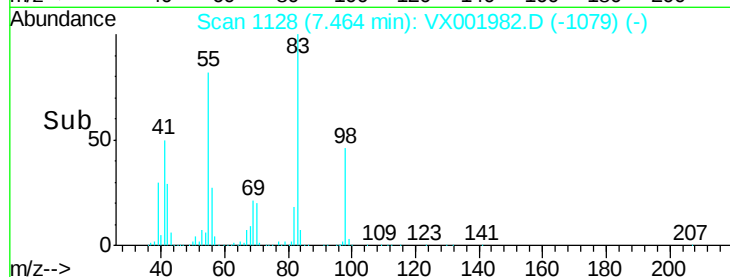
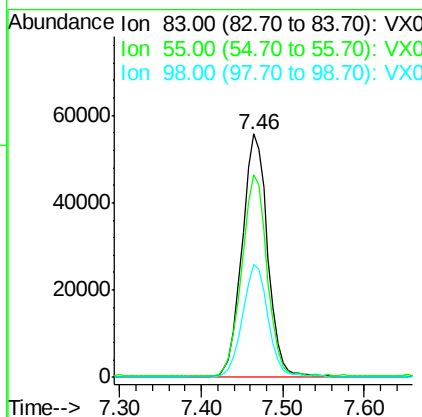
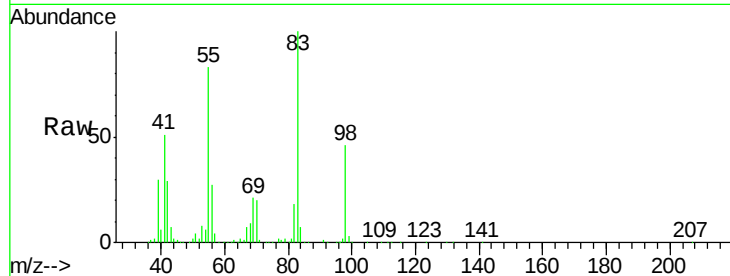
#39
Methvlcvclohexane
Concen: 17.011 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.5	67.3	100.9
98	46.1	37.5	56.3

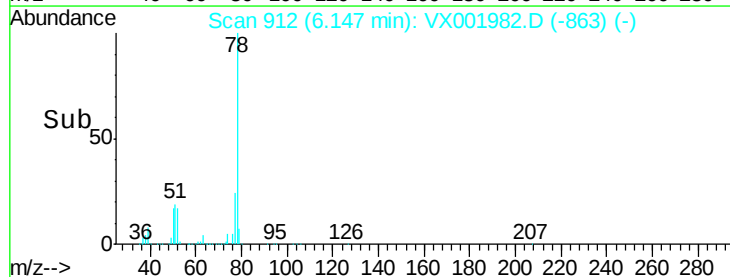
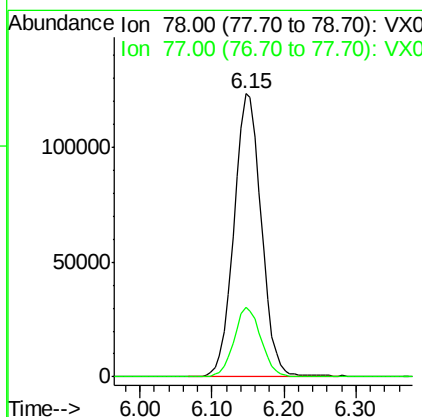
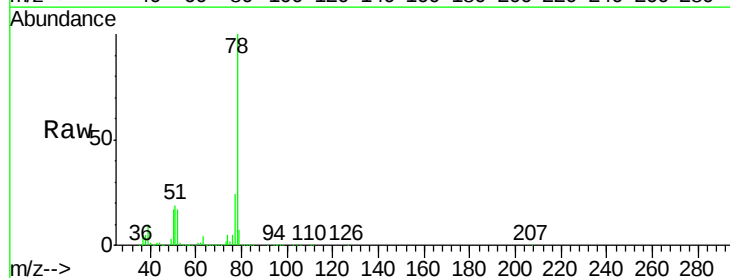
Manual Integrations
APPROVED

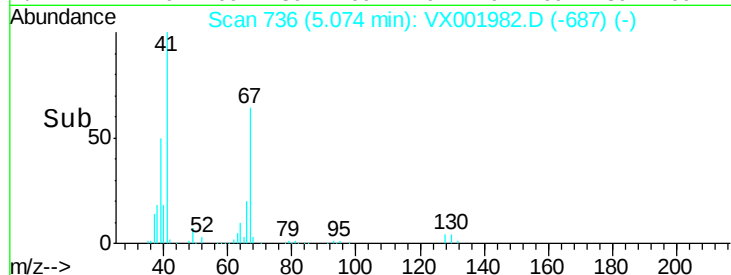
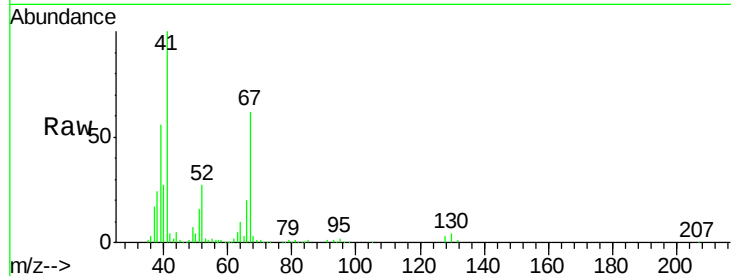
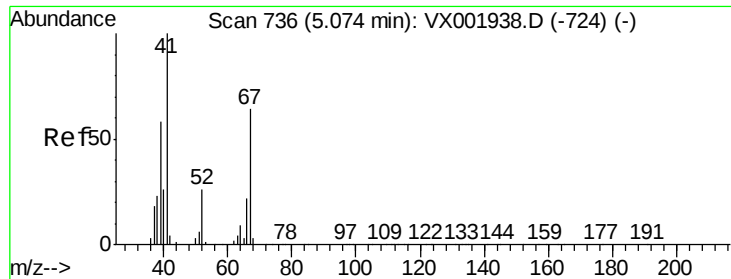
MMDadoda
5/29/2018 4:39:23 PM



#40
Benzene
Concen: 19.326 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

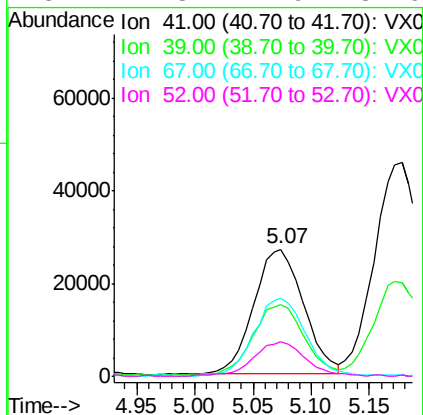
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





#41
Methacrylonitrile
Concen: 19.313 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

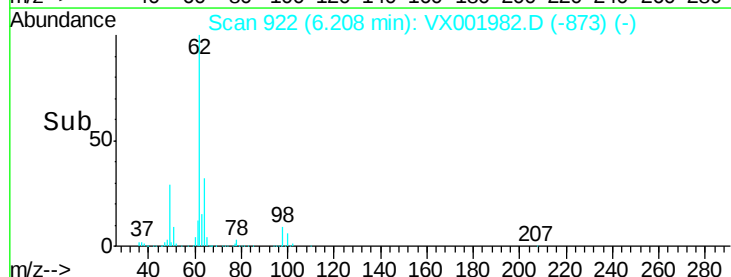
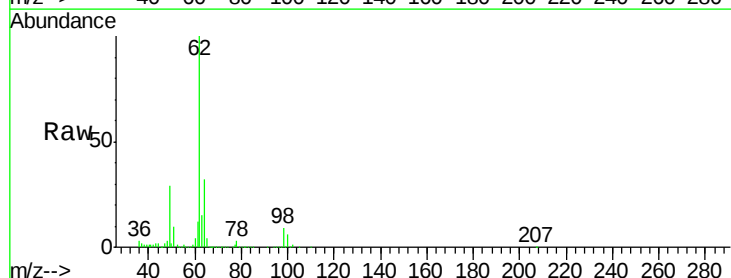
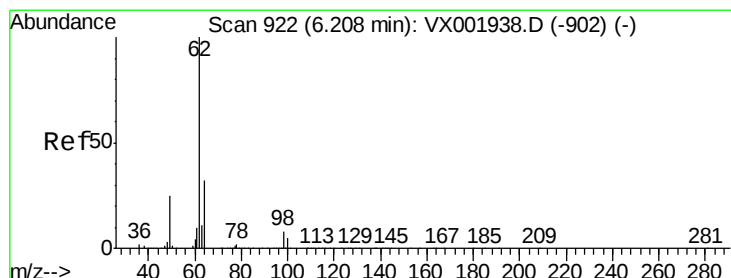
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	57.0	46.0	69.0		
67	64.4	50.6	75.8		
52	27.8	21.9	32.9		



Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

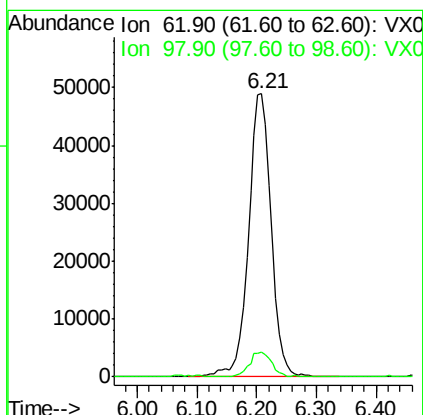
Manual Integrations
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5/29/2018 4:39:23 PM



#42
1,2-Dichloroethane
Concen: 19.064 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.4	0.0	17.0		





#43

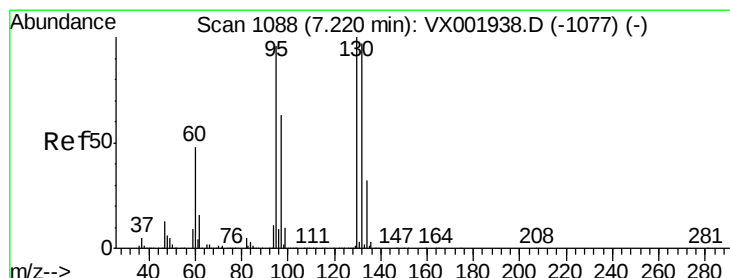
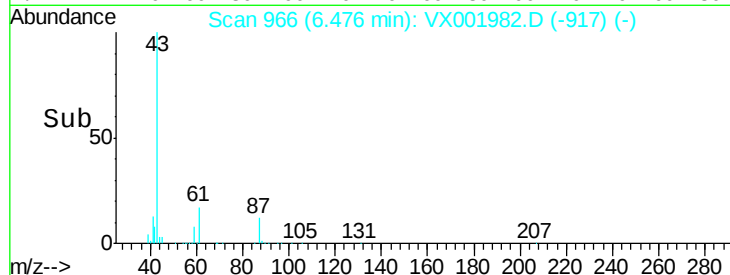
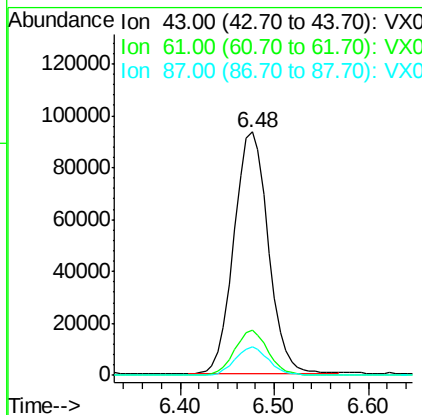
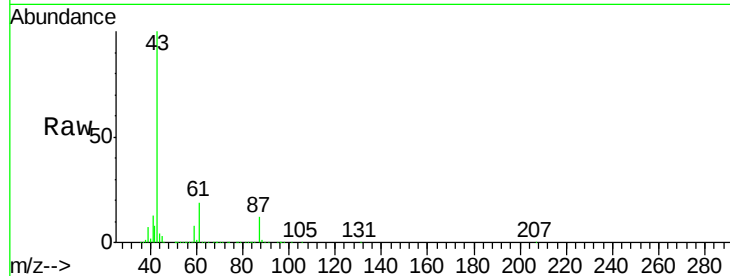
Isopropyl Acetate
 Concen: 19.005 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.5	21.7
87	11.7	9.5	14.3

Manual Integrations
 APPROVED

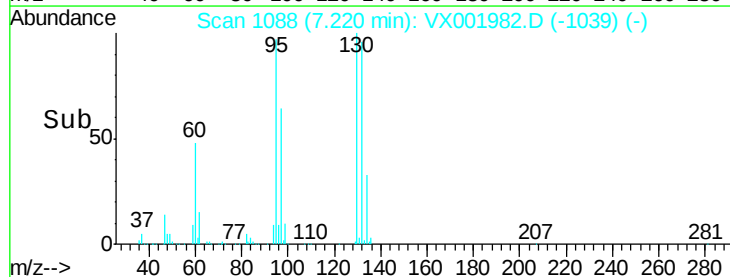
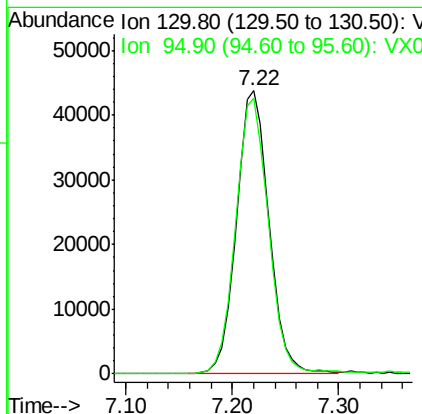
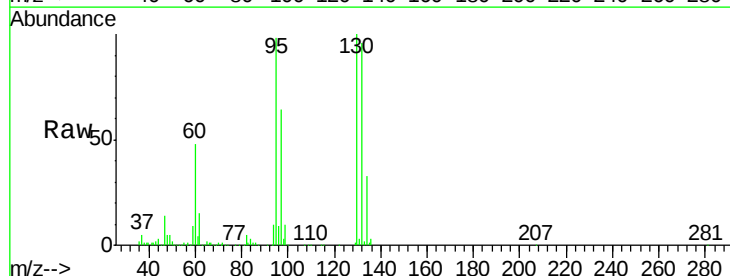
MMDadoda
 5/29/2018 4:39:23 PM

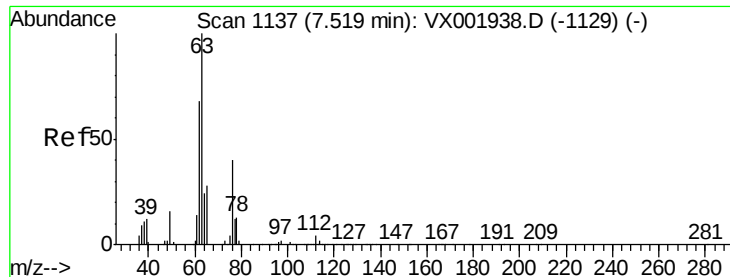


#44

Trichloroethene
 Concen: 19.104 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	192.0





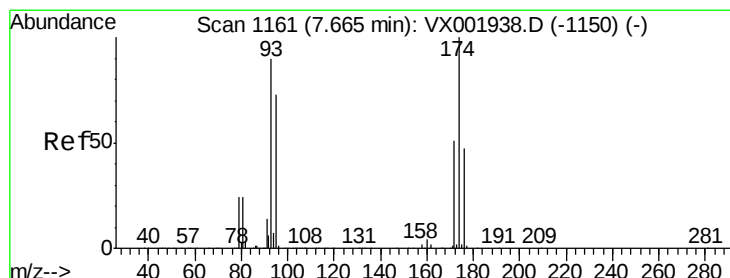
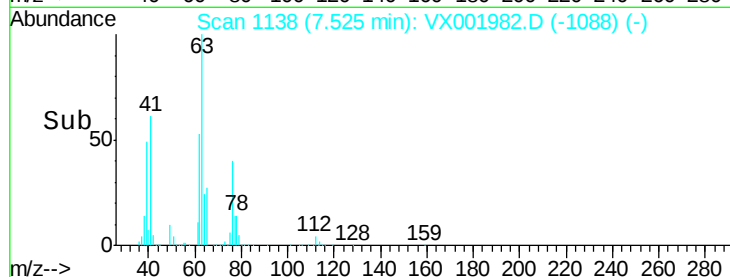
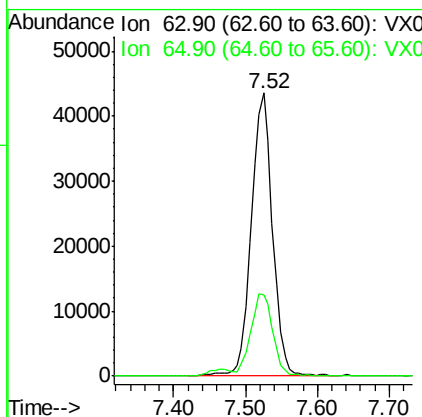
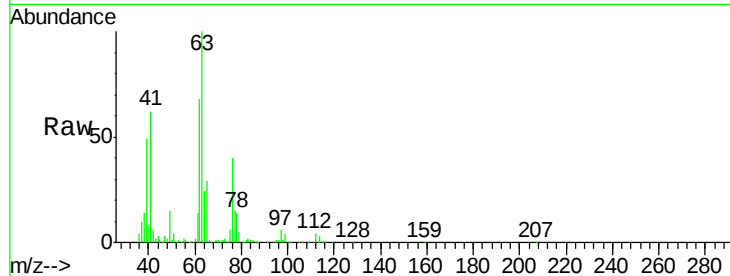
#45
 1,2-Dichloropropane
 Concen: 19.564 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBSD01

Tot Ion: 63 Resp: 89785
 Ion Ratio Lower Upper
 63 100
 65 28.3 24.1 36.1

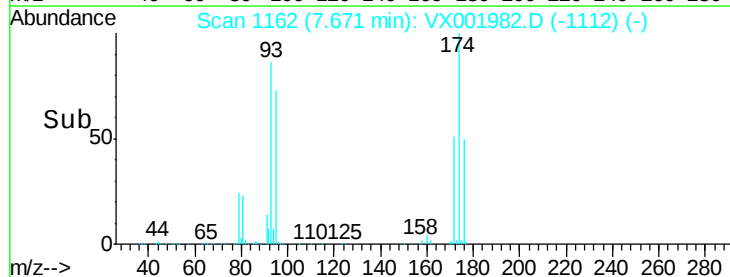
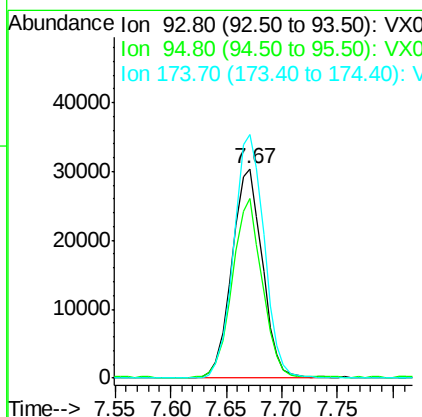
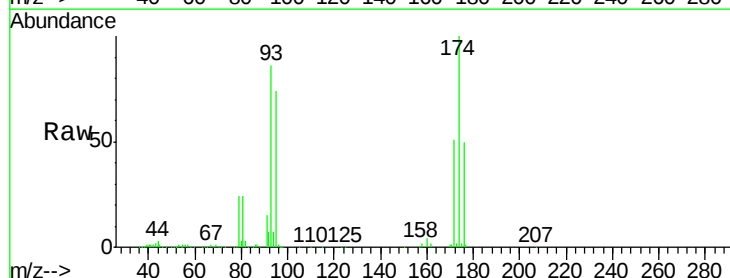
Manual Integrations
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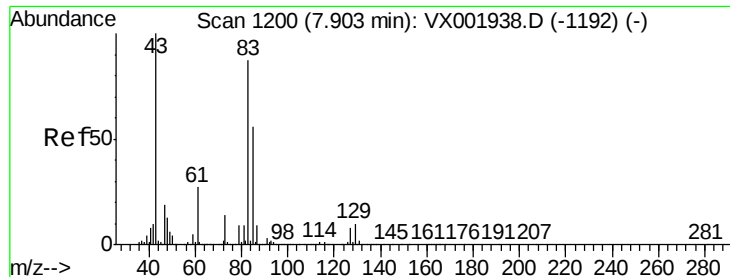
MMDadoda
 5/29/2018 4:39:23 PM



#46
 Dibromomethane
 Concen: 19.031 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Tgt Ion: 93 Resp: 57827
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.1 99.1
 174 115.9 92.5 138.7





#47

Bromodichloromethane

Concen: 18.587 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

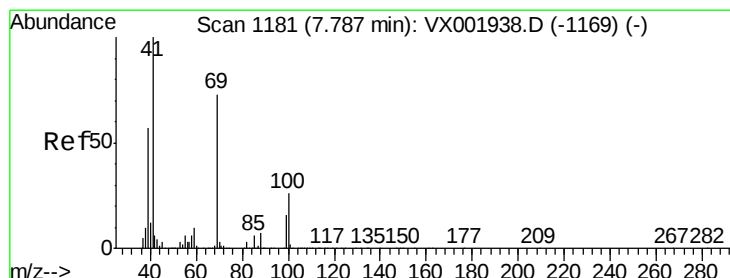
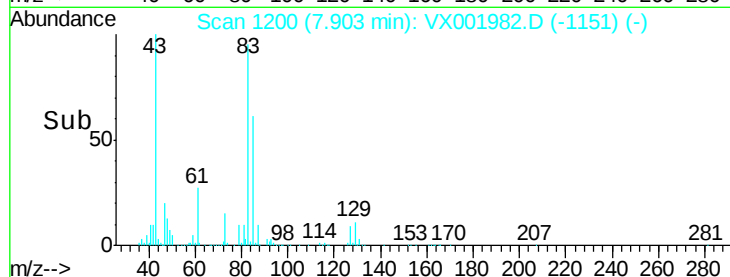
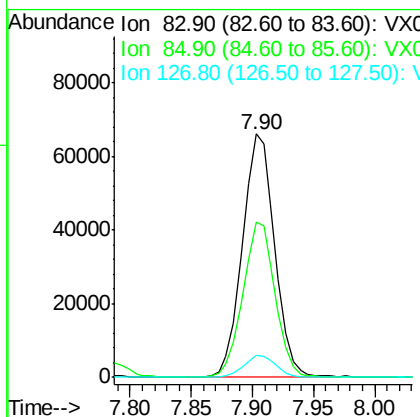
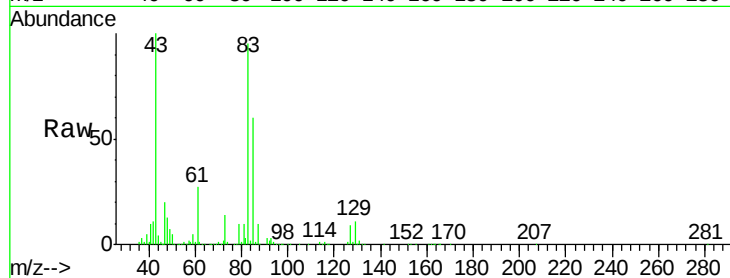
ClientSampleId :

VX0525MBSD01

Tot Ion:	83	Resp:	120423
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.4	77.2
127	9.0	7.1	10.7

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#48

Methyl methacrylate

Concen: 18.855 ug/l

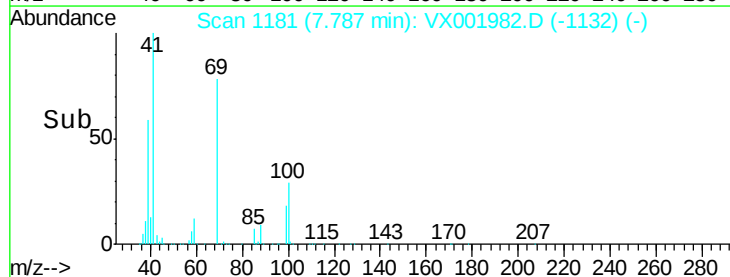
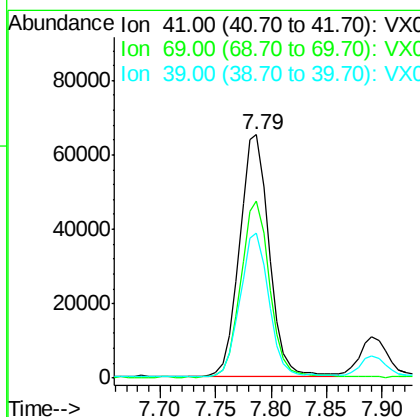
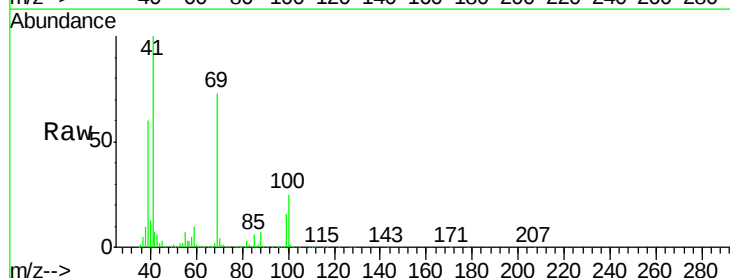
RT: 7.79 min Scan# 1181

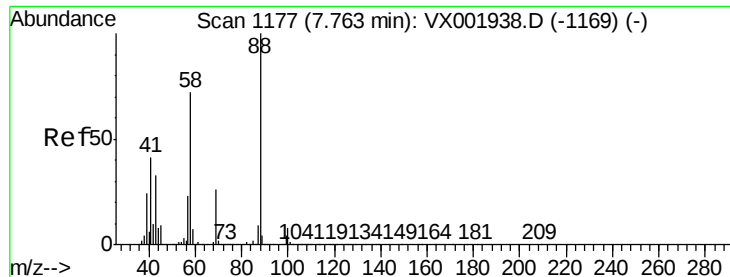
Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Tgt Ion:	41	Resp:	120244
Ion	Ratio	Lower	Upper
41	100		
69	71.4	58.6	87.8
39	58.1	46.3	69.5





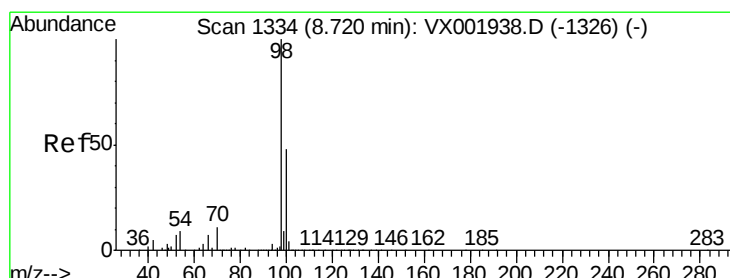
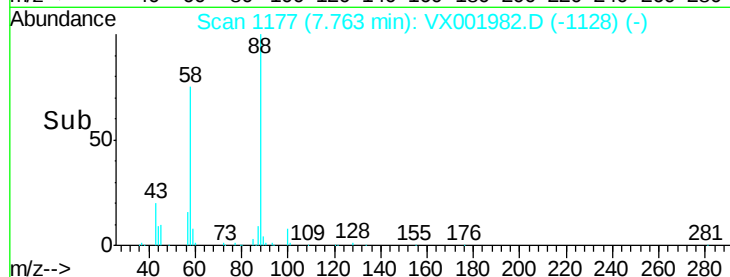
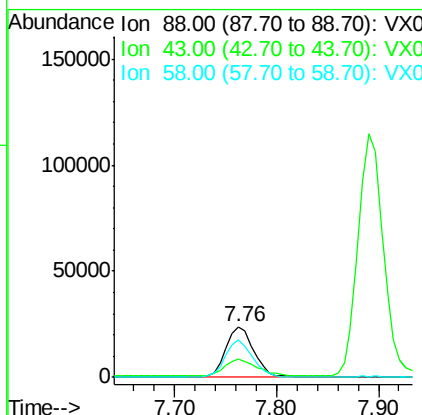
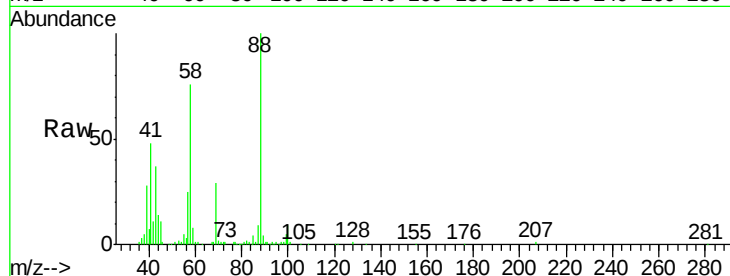
#49
1,4-Dioxane
Concen: 403.253 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.5	29.8	44.8
58	72.7	58.7	88.1

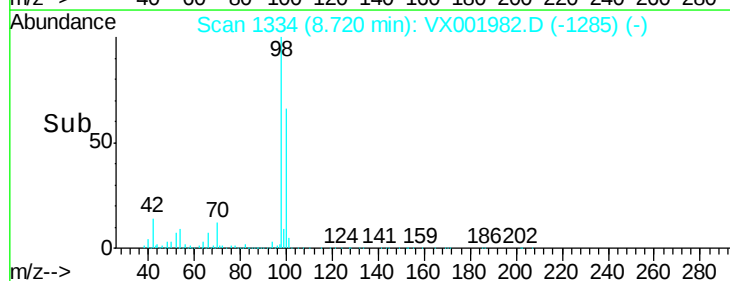
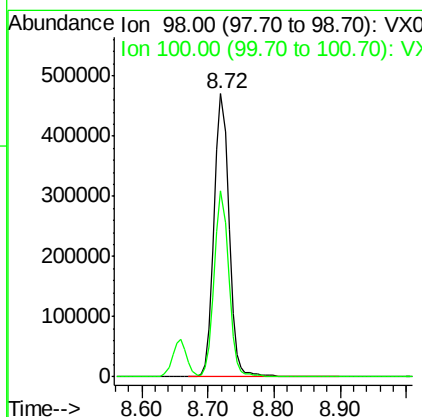
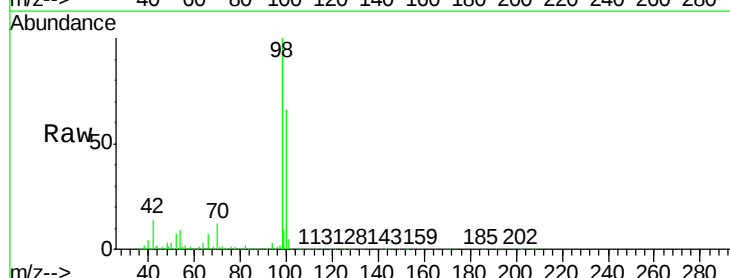
Manual Integrations
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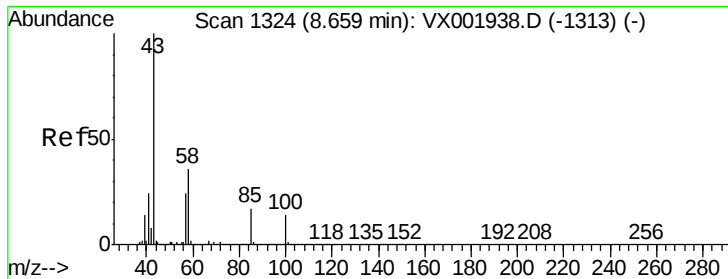
MMDadoda
5/29/2018 4:39:23 PM



#50
Toluene-d8
Concen: 49.089 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 97.946 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleID :

VX0525MBSD01

Tot Ion: 43 Resp: 739828

Ion Ratio Lower Upper

43 100

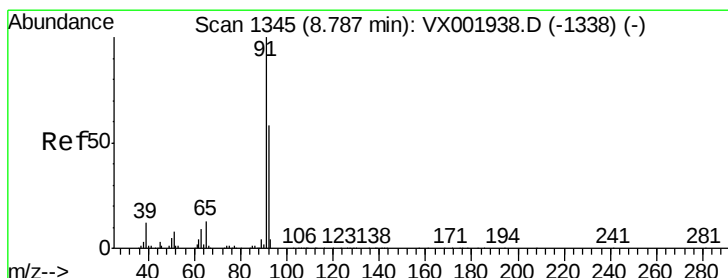
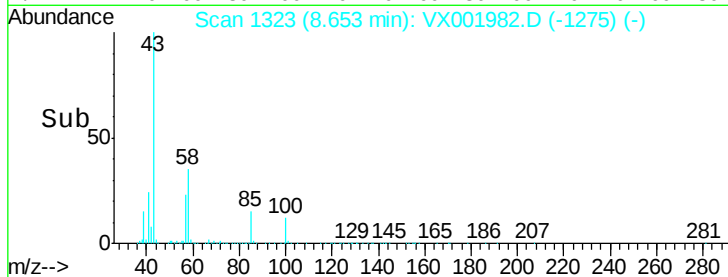
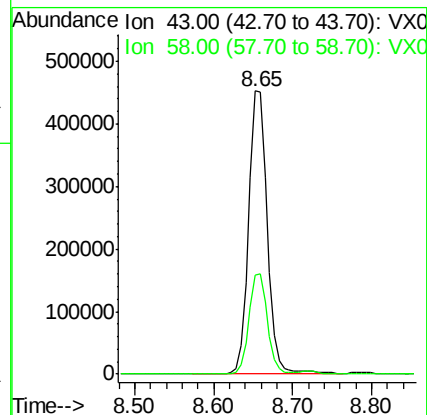
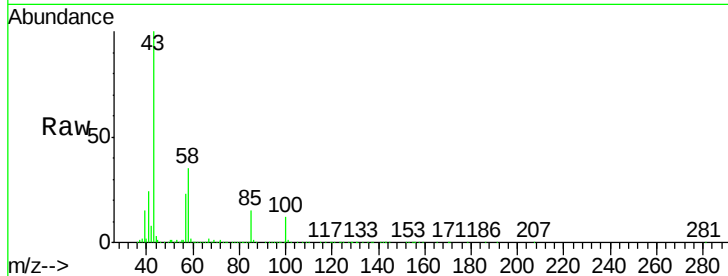
58 35.0 28.5 42.7

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#52

Toluene

Concen: 19.225 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX001982.D

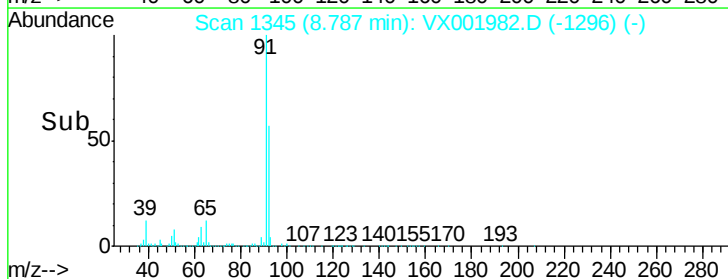
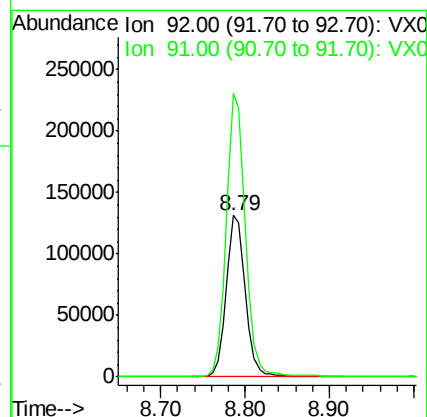
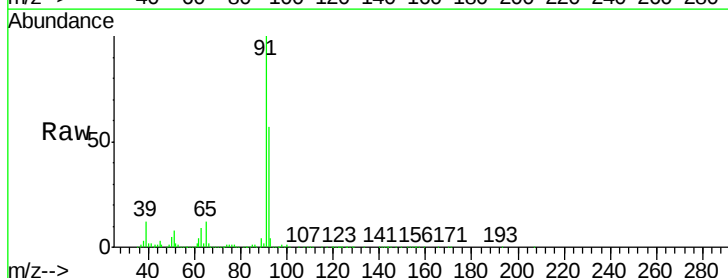
Acq: 25 May 2018 17:30

Tgt Ion: 92 Resp: 206758

Ion Ratio Lower Upper

92 100

91 174.9 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 18.960 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion: 75 Resp: 141481

Ion Ratio Lower Upper

75 100

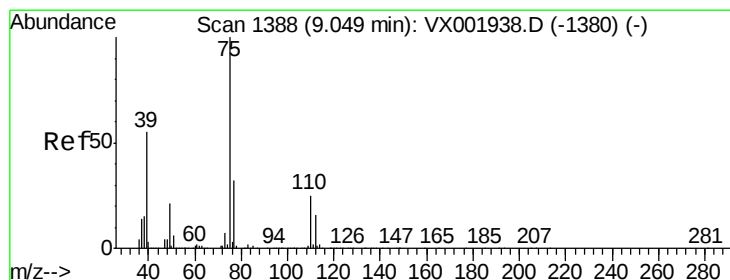
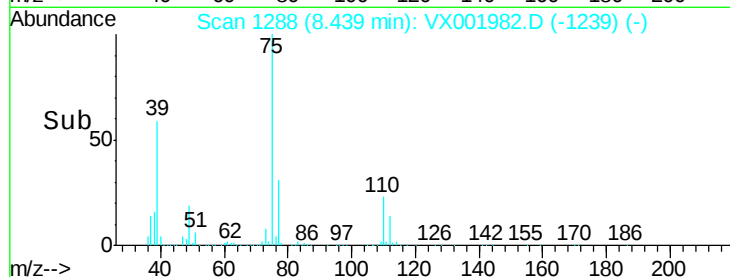
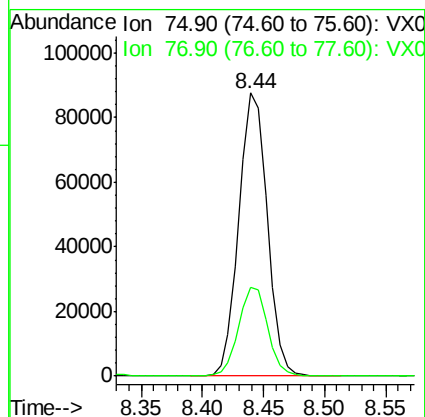
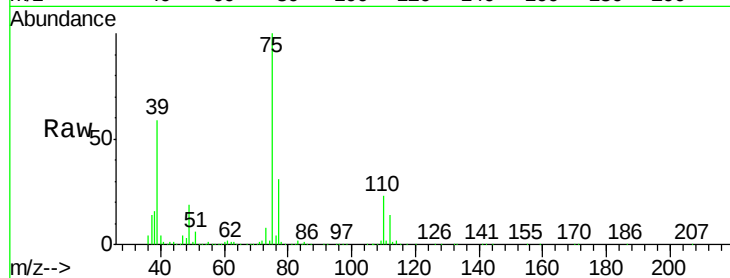
77 31.2 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.832 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

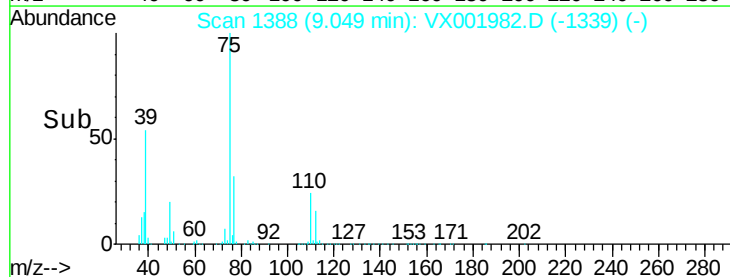
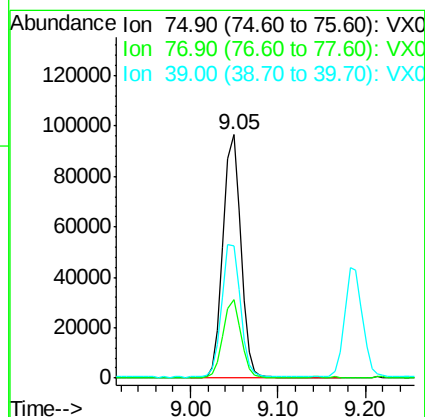
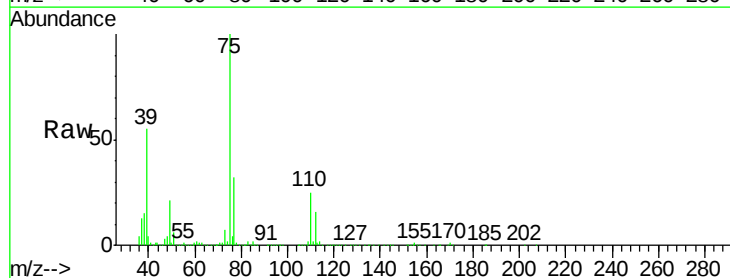
Tgt Ion: 75 Resp: 136932

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 54.0 44.1 66.1





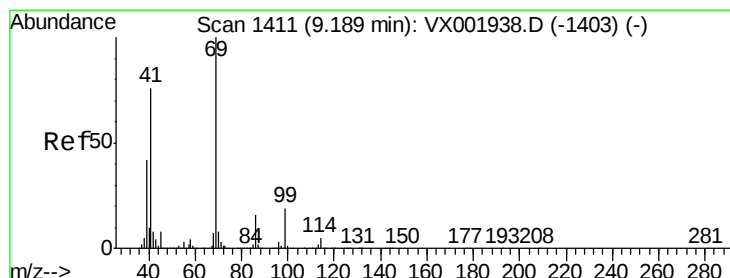
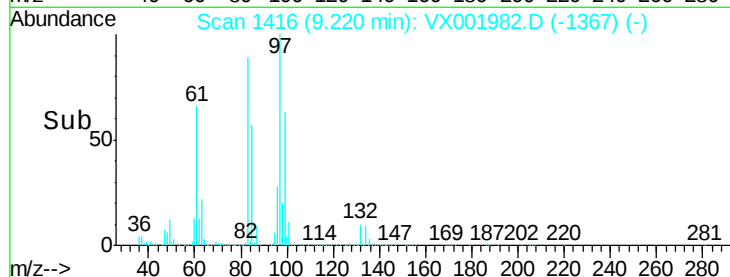
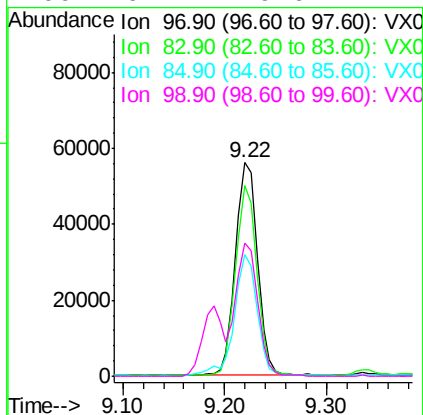
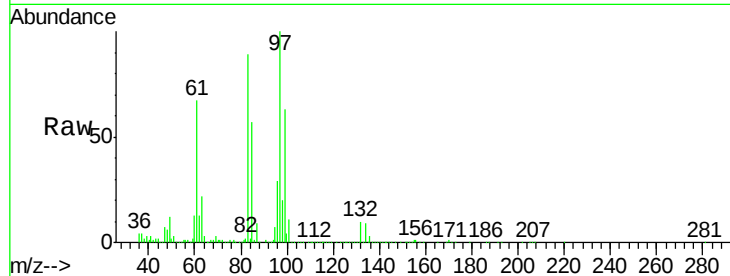
#55
 1,1,2-Trichloroethane
 Concen: 18.715 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBSD01

Tot Ion:	97	Resp:	84084
Ion	Ratio	Lower	Upper
97	100		
83	88.9	69.1	103.7
85	56.7	45.2	67.8
99	62.7	49.6	74.4

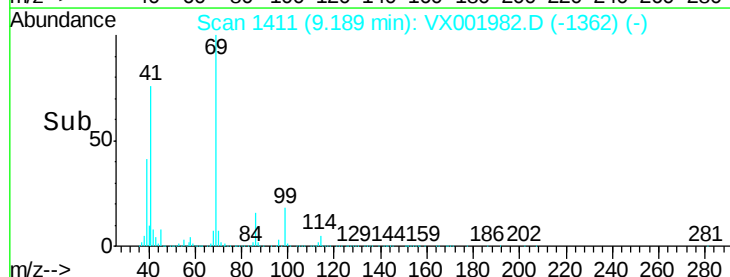
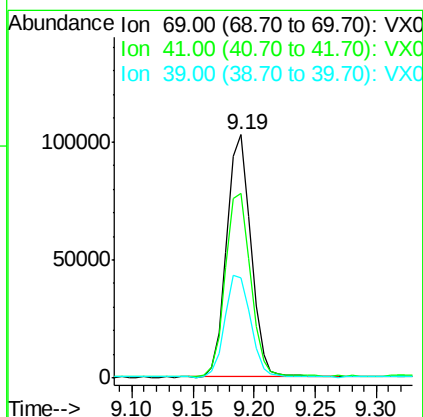
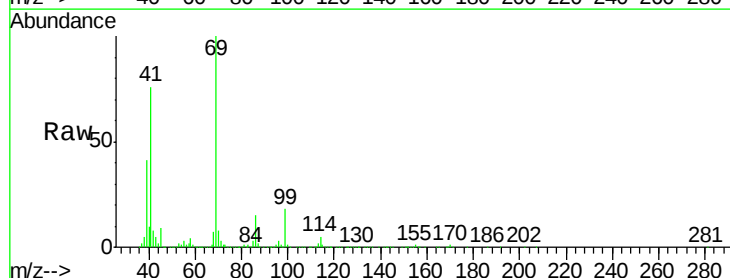
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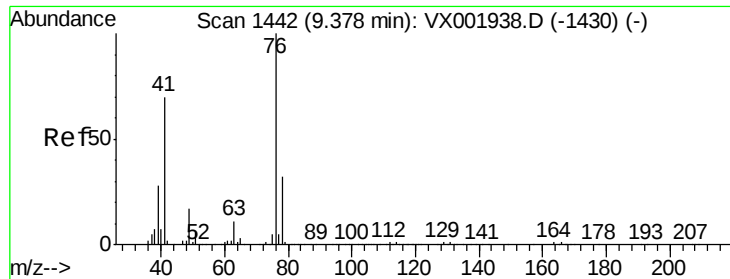
MMDadoda
 5/29/2018 4:39:23 PM



#56
 Ethyl methacrylate
 Concen: 18.348 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Tgt Ion:	69	Resp:	141787
Ion	Ratio	Lower	Upper
69	100		
41	77.8	61.0	91.6
39	44.5	34.4	51.6





#57

1,3-Dichloropropane

Concen: 19.341 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion: 76 Resp: 143150

Ion Ratio Lower Upper

76 100

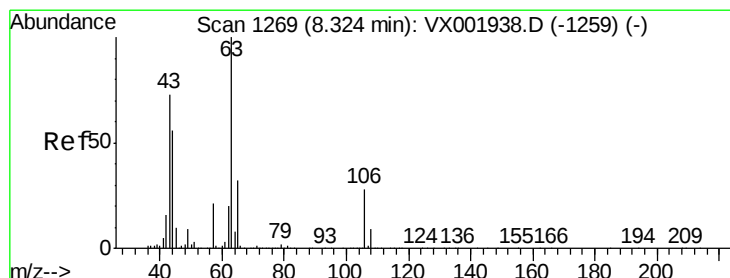
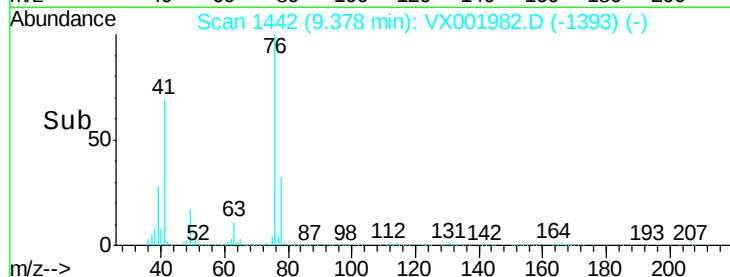
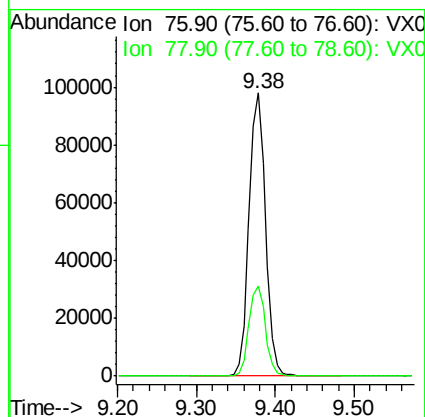
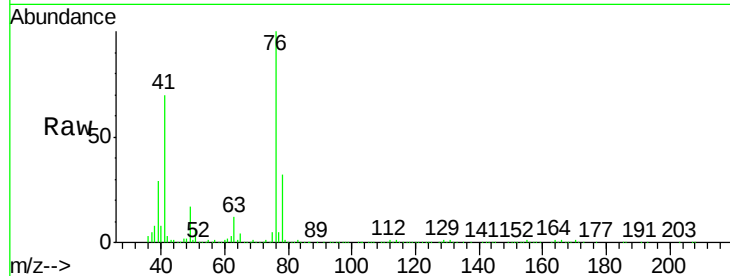
78 32.1 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 98.288 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001982.D

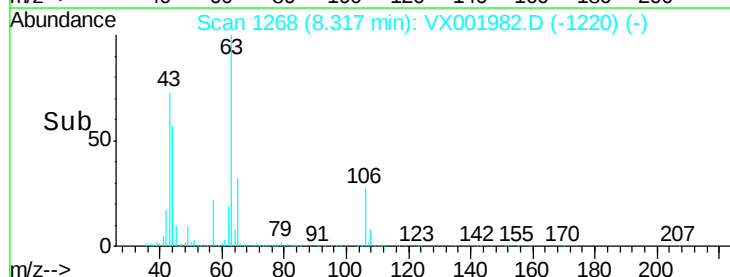
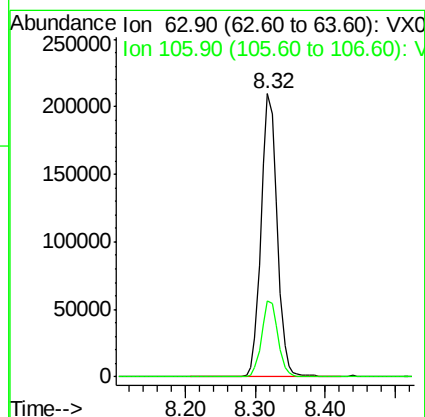
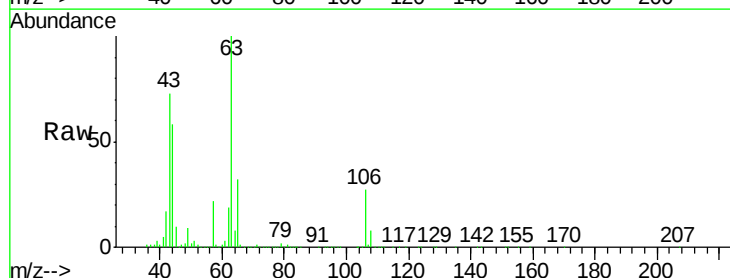
Acq: 25 May 2018 17:30

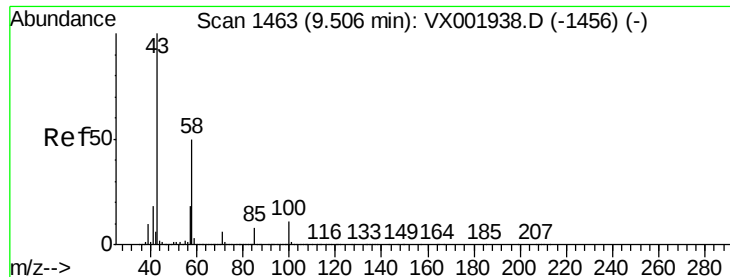
Tgt Ion: 63 Resp: 336652

Ion Ratio Lower Upper

63 100

106 27.2 21.7 32.5





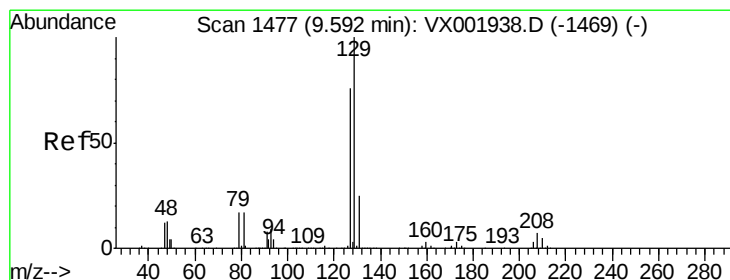
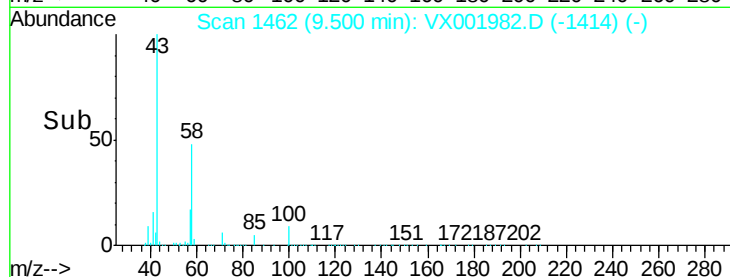
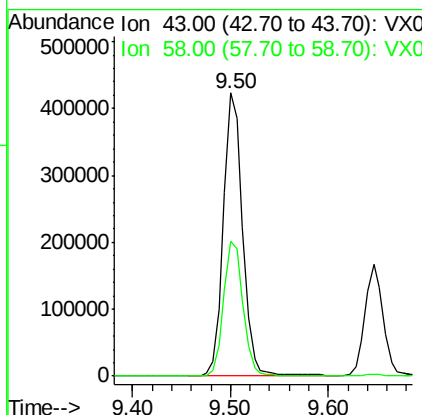
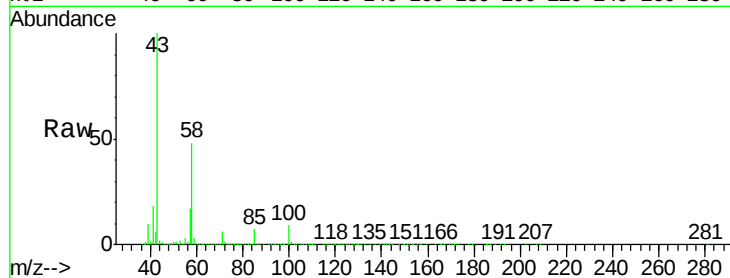
#59
2-Hexanone
Concen: 98.667 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion: 43 Resp: 574656
Ion Ratio Lower Upper
43 100
58 48.6 24.9 74.6

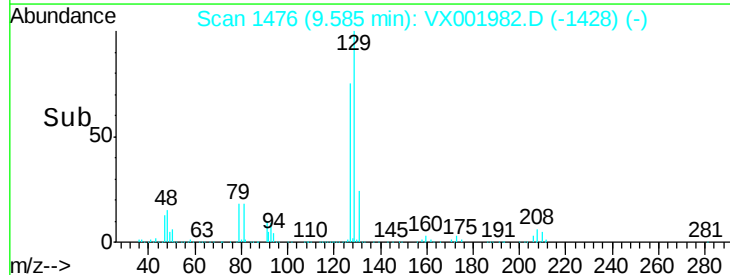
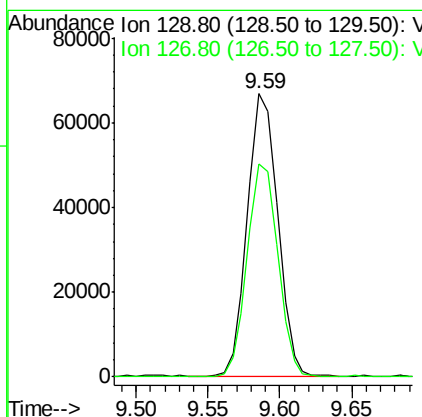
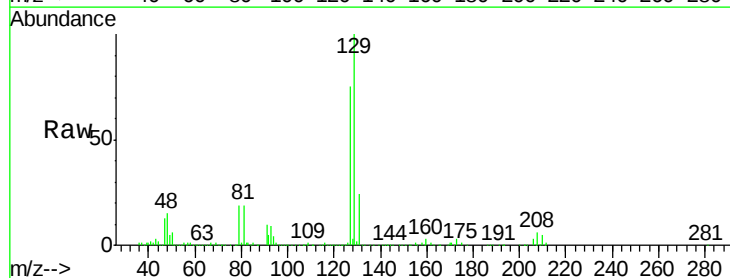
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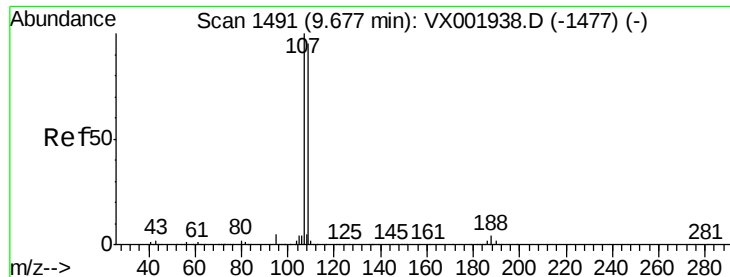
MMDadoda
5/29/2018 4:39:23 PM



#60
Dibromochloromethane
Concen: 18.328 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion: 129 Resp: 97531
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 18.947 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion: 107 Resp: 89321

Ion Ratio Lower Upper

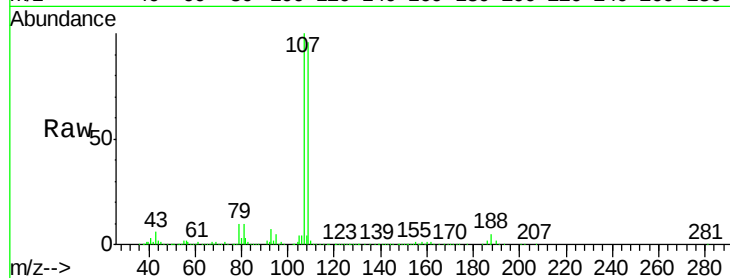
107 100

109 95.8 75.3 112.9

Manual Integrations
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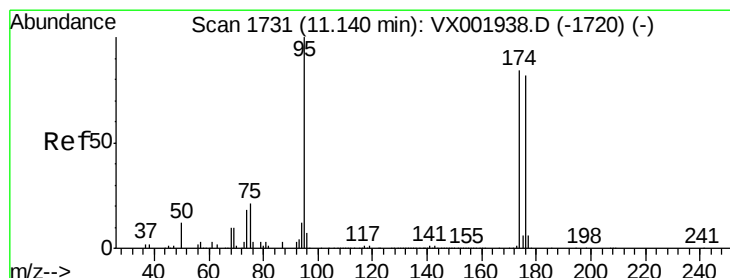
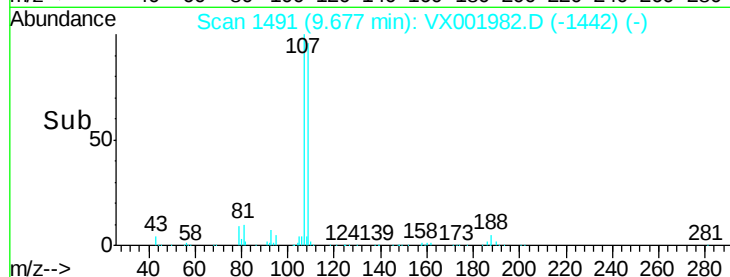
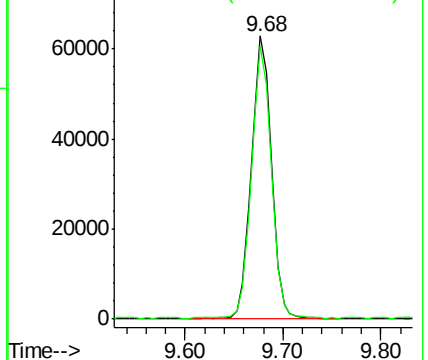
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.144 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

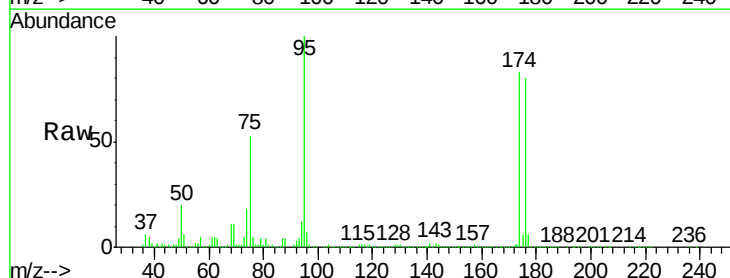
Tgt Ion: 95 Resp: 288682

Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.8

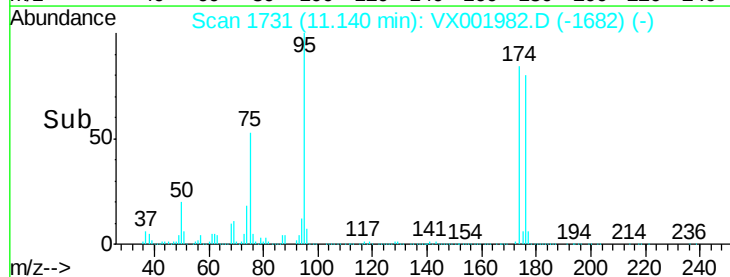
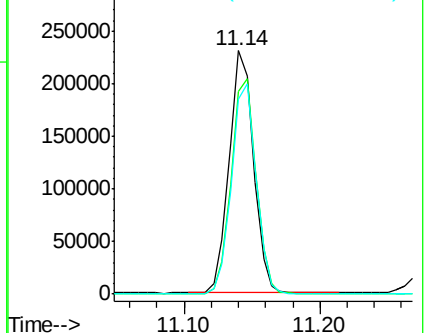
176 88.0 0.0 175.6

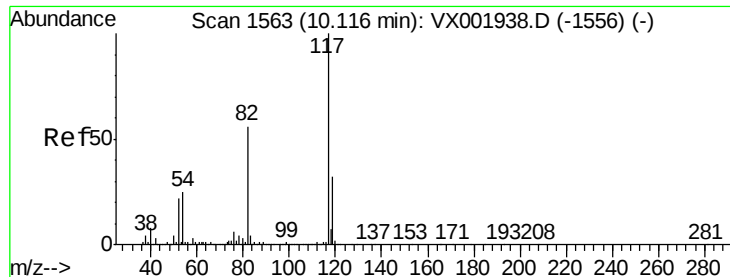


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





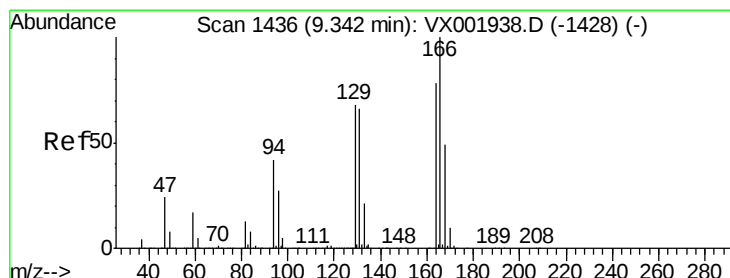
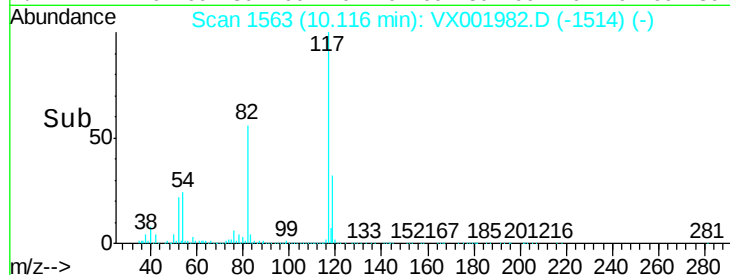
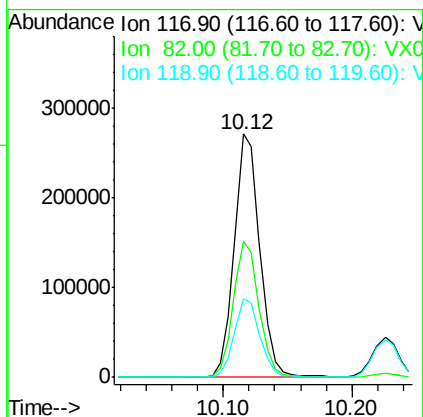
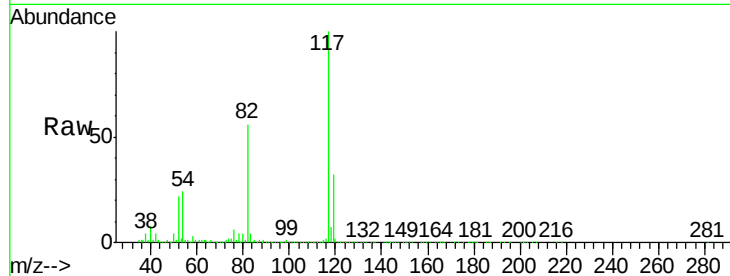
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.8	44.8	67.2
119	31.9	25.5	38.3

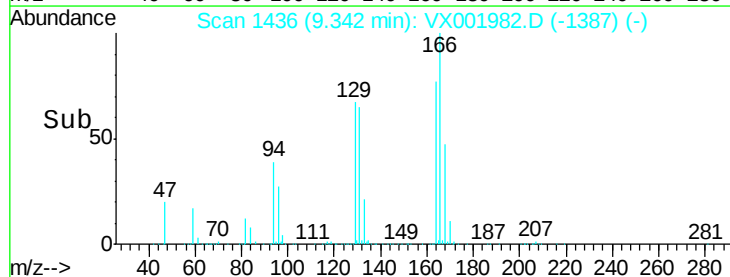
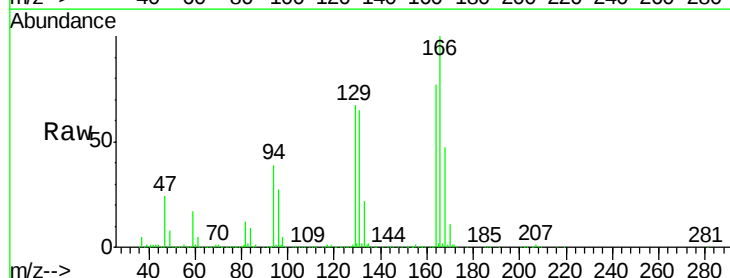
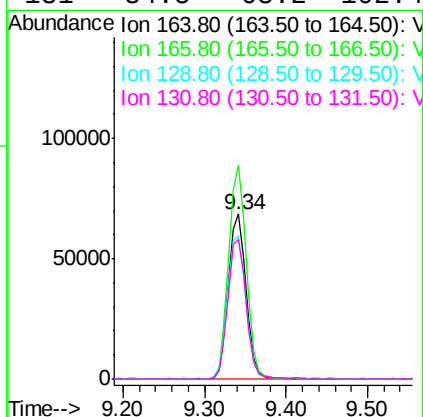
Manual Integrations
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#64
Tetrachloroethene
Concen: 19.099 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.3	102.7	154.1
129	86.8	70.3	105.5
131	84.5	68.2	102.4





#65

Chlorobenzene

Concen: 19.740 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion:112 Resp: 235151

Ion Ratio Lower Upper

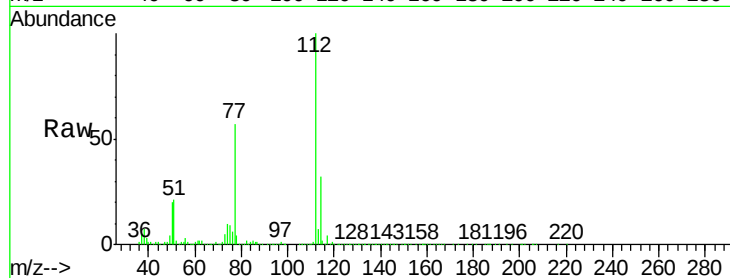
112 100

114 32.4 25.9 38.9

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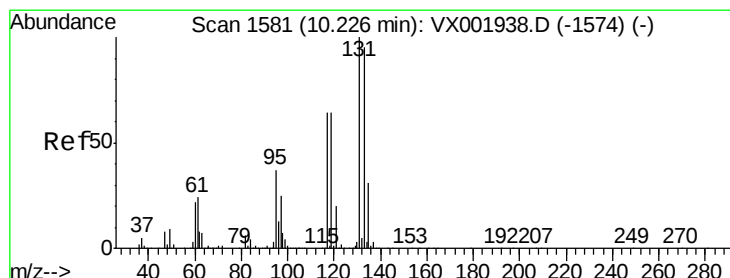
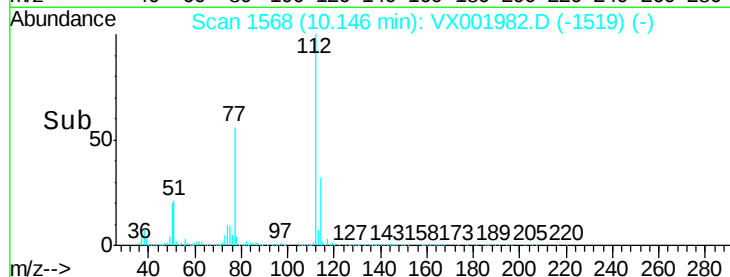
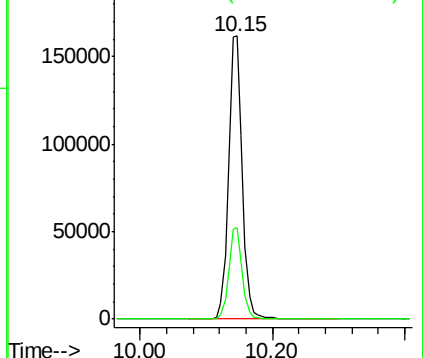
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.773 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

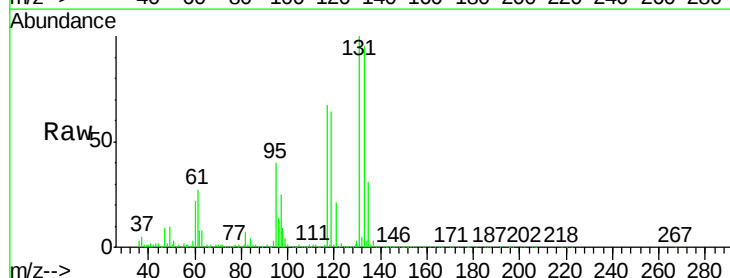
Tgt Ion:131 Resp: 90302

Ion Ratio Lower Upper

131 100

133 94.5 48.0 144.0

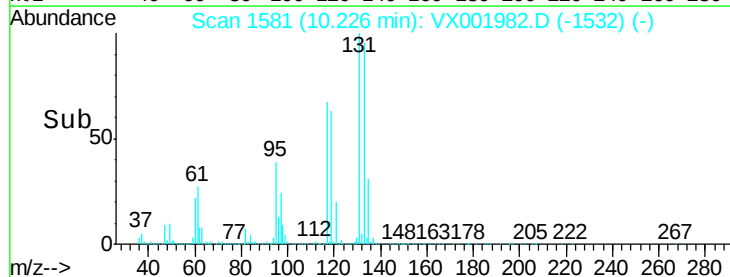
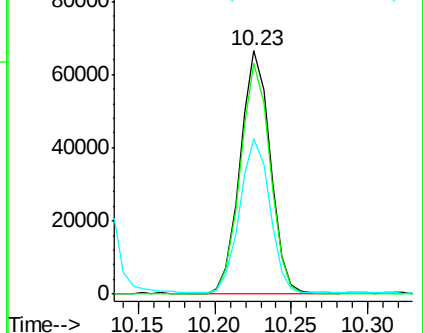
119 63.6 31.9 95.5

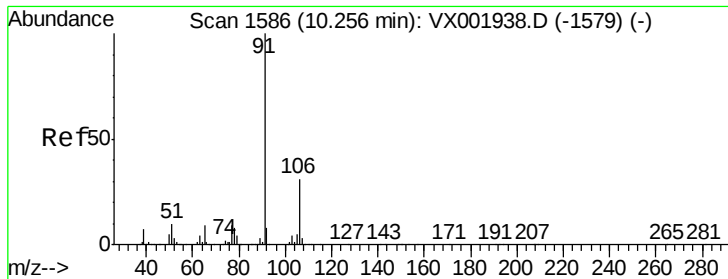


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.638 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion: 91 Resp: 406457

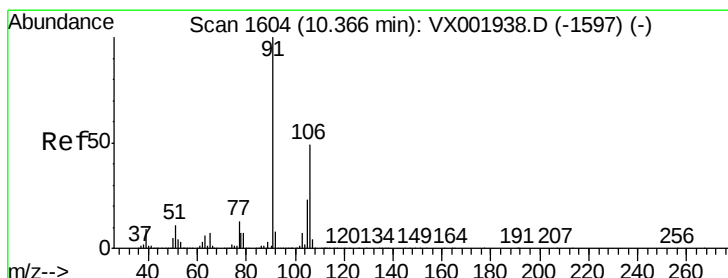
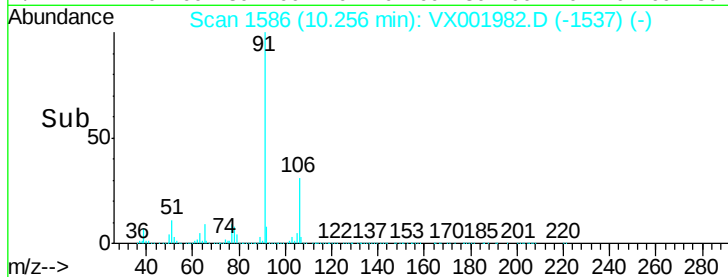
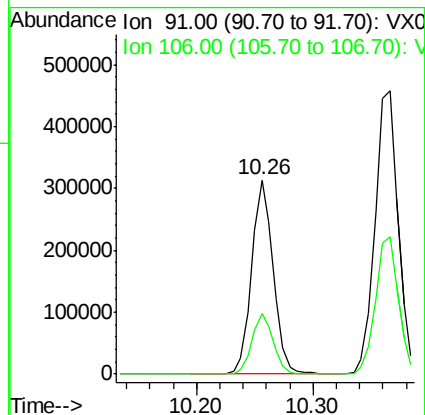
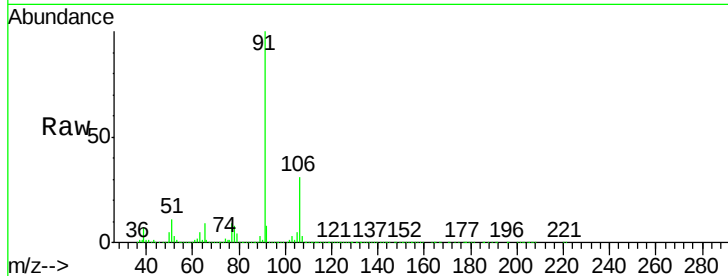
Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.6

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#68

m/p-Xylenes

Concen: 38.931 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001982.D

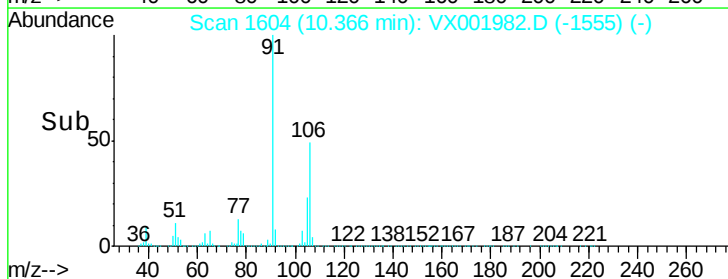
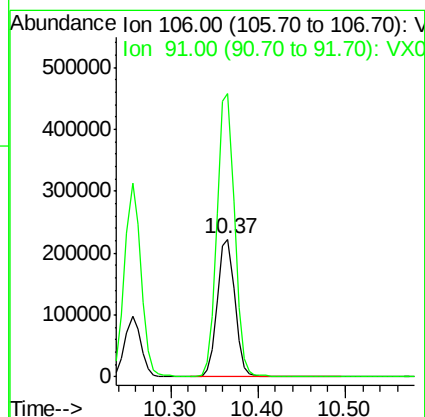
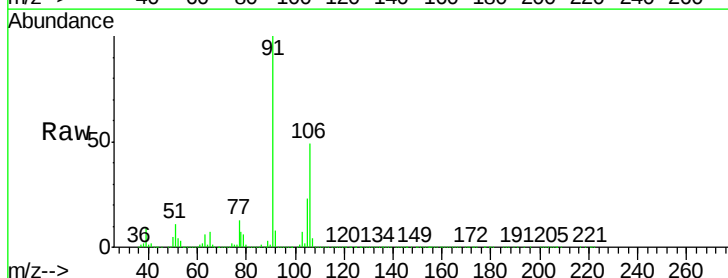
Acq: 25 May 2018 17:30

Tgt Ion: 106 Resp: 308012

Ion Ratio Lower Upper

106 100

91 206.1 165.0 247.6





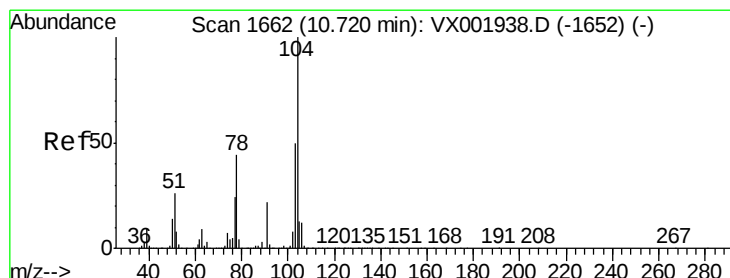
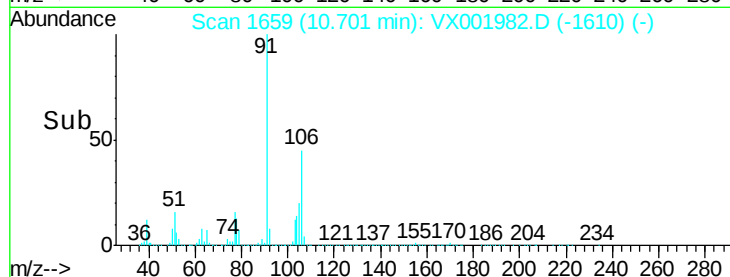
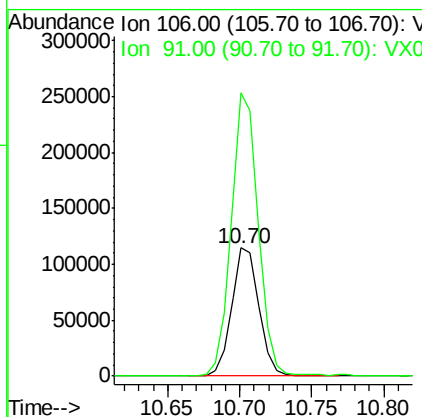
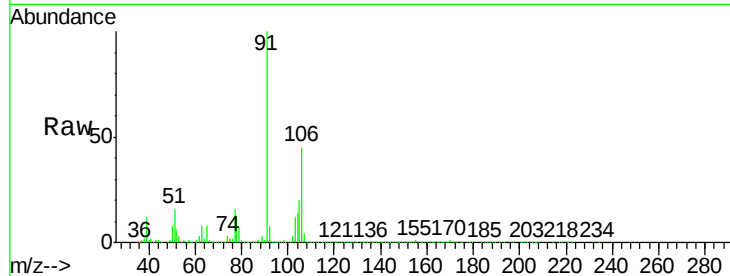
#69
o-Xylene
Concen: 19.164 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	151386		
91	91	218.5	108.7	325.9	

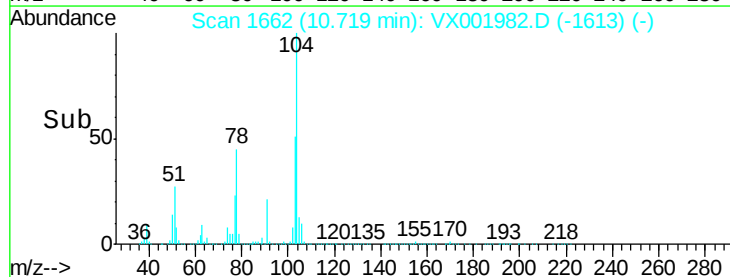
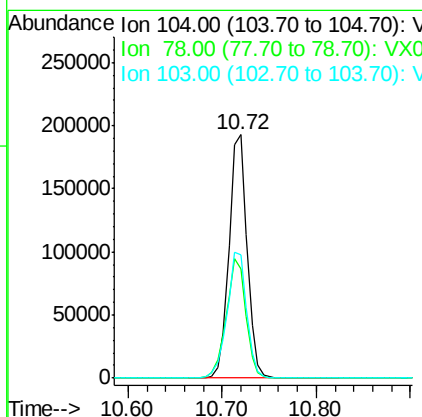
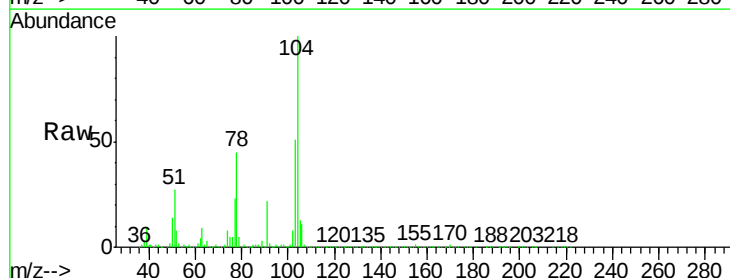
Manual Integrations
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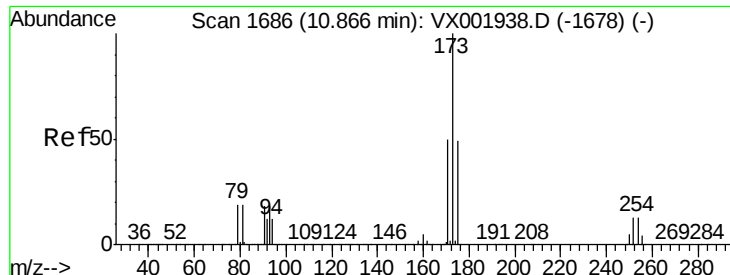
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#70
Styrene
Concen: 19.647 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	257392		
78	78	52.9	41.8	62.6	
103	103	56.1	44.6	67.0	





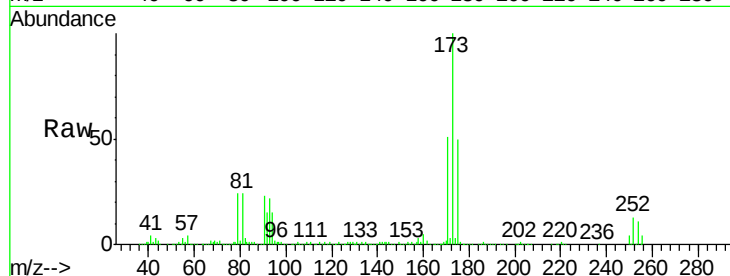
#71
Bromoform
Concen: 17.815 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

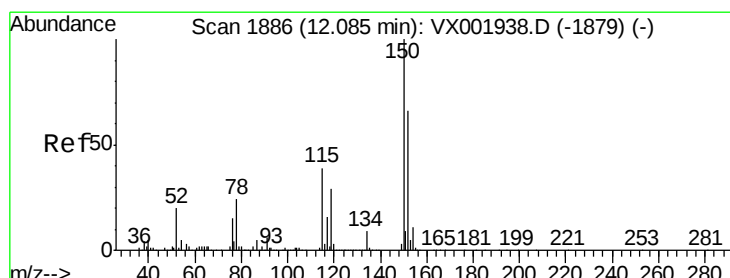
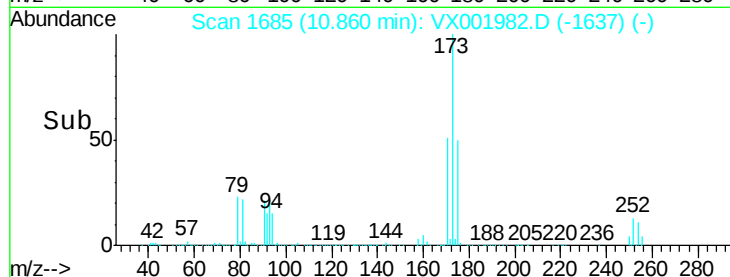
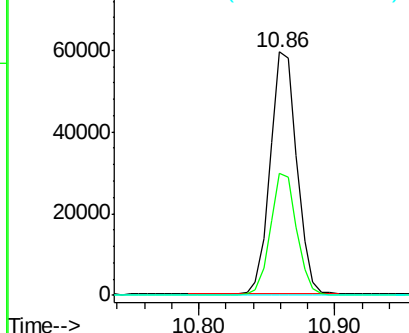
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.3	72.9
254	0.2	0.1	0.1#

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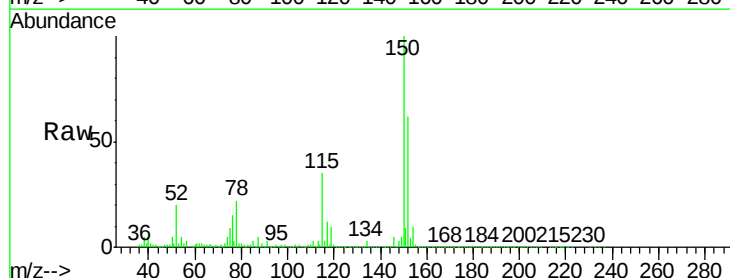


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

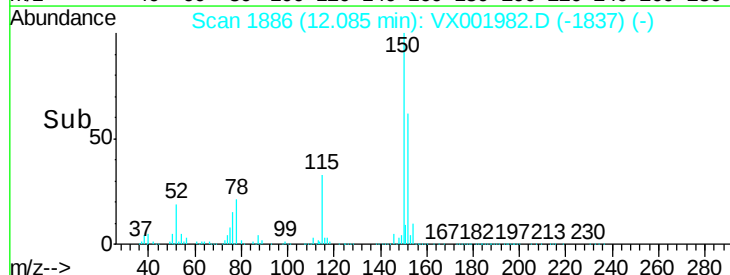
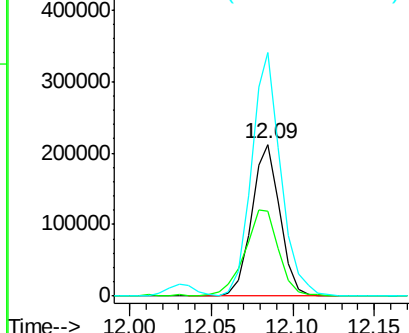


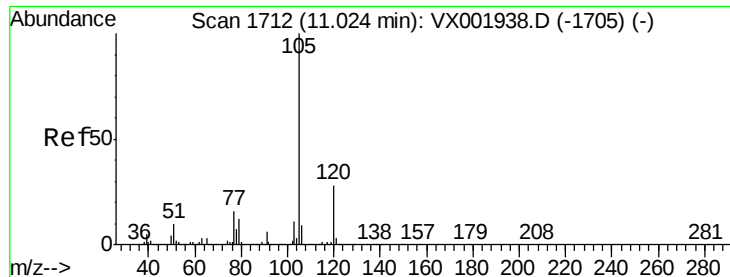
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.6	42.3	126.8
150	166.9	0.0	351.0



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





#73

Isopropylbenzene

Concen: 18.592 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion:105 Resp: 400434

Ion Ratio Lower Upper

105 100

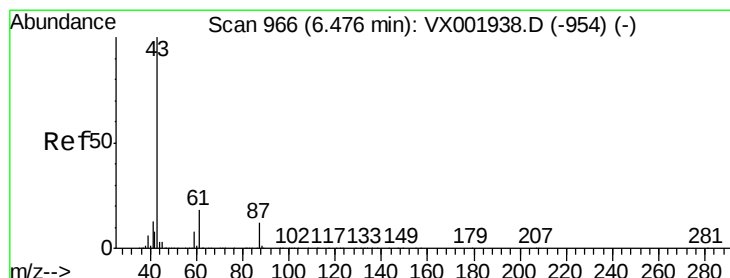
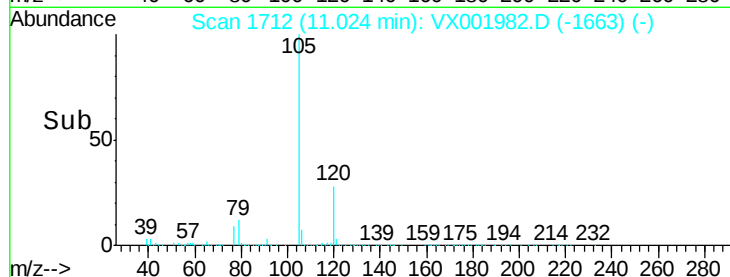
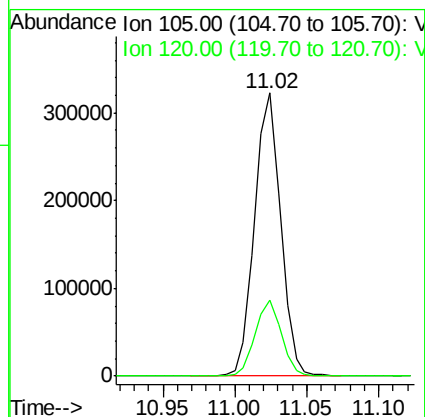
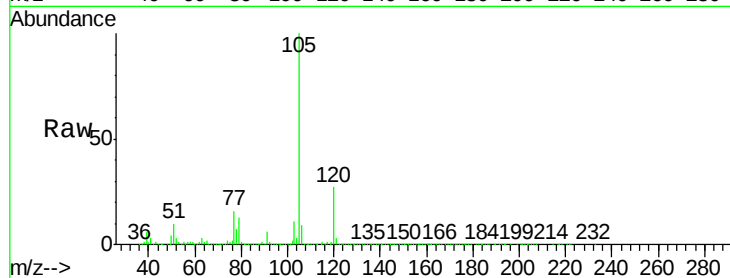
120 26.8 13.6 40.7

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#74

N-ethyl acetate

Concen: 19.382 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Tgt Ion: 43 Resp: 238141

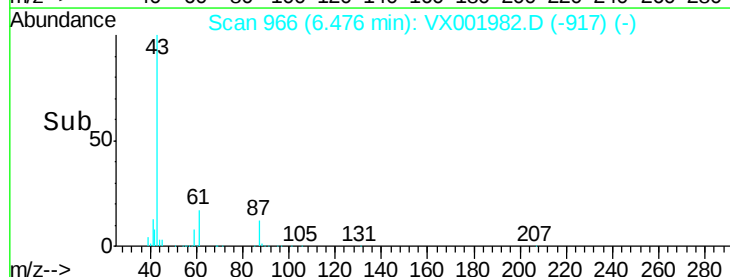
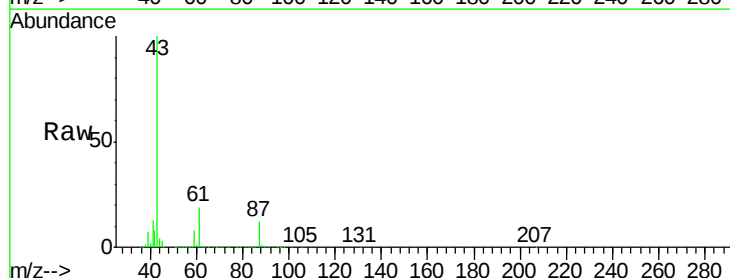
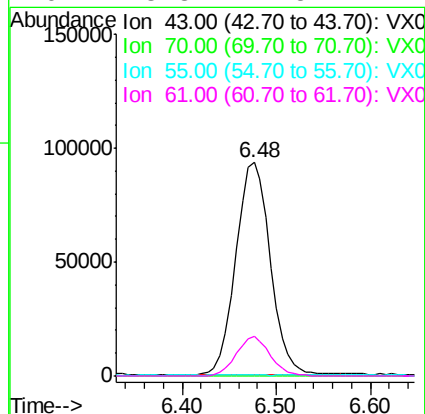
Ion Ratio Lower Upper

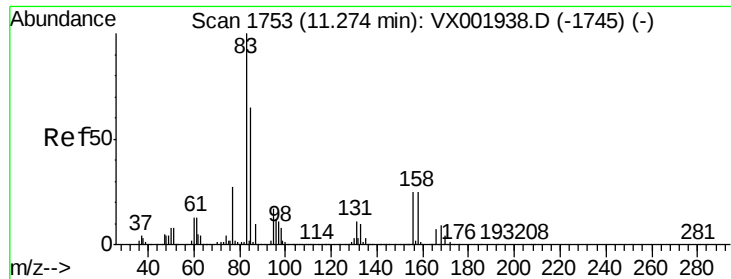
43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

61 18.3 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.002 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

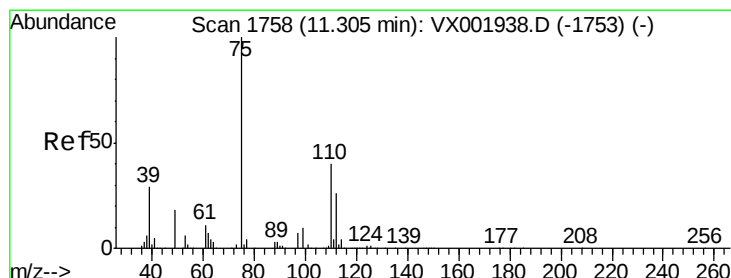
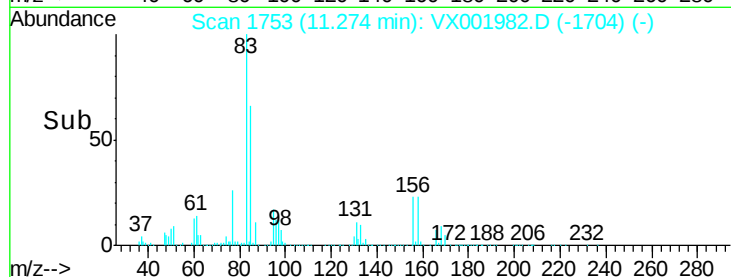
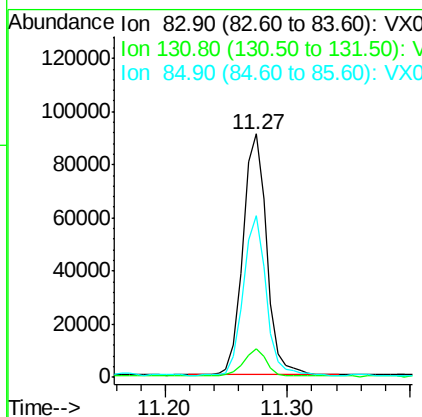
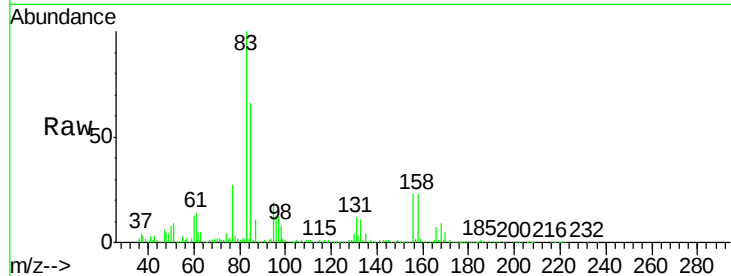
ClientSampleId :

VX0525MBSD01

Tot Ion:	83	Resp:	122302
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.0
85	64.0	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 22.055 ug/l m

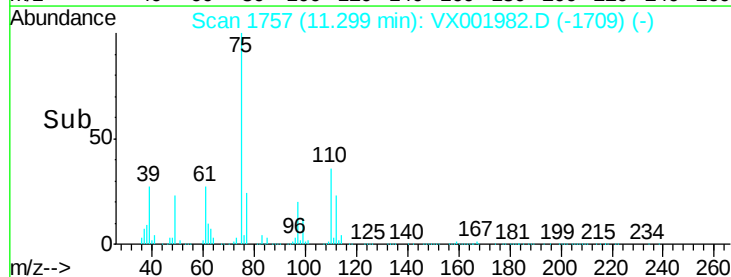
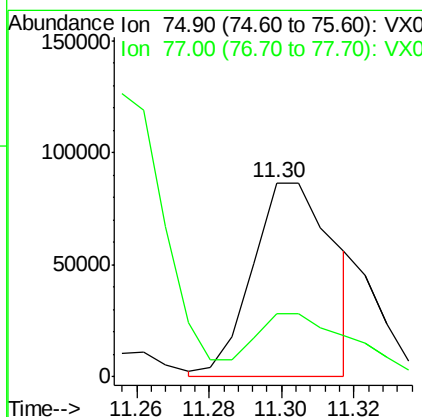
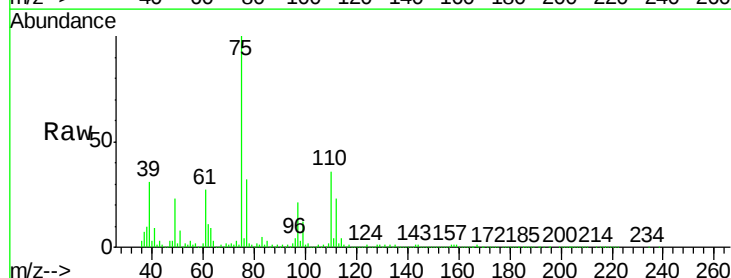
RT: 11.30 min Scan# 1757

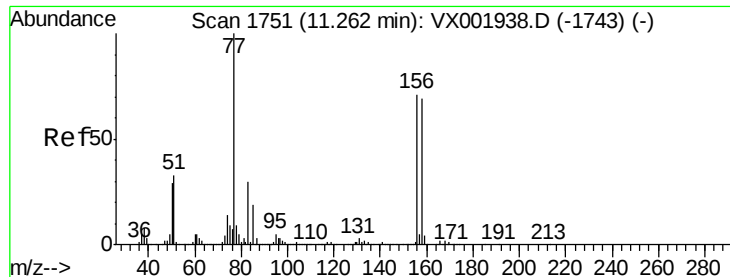
Delta R.T. -0.01 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Tgt Ion:	75	Resp:	134739
Ion Ratio	Lower	Upper	
75	100		
77	39.2	22.8	68.3





#77

Bromobenzene

Concen: 19.269 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

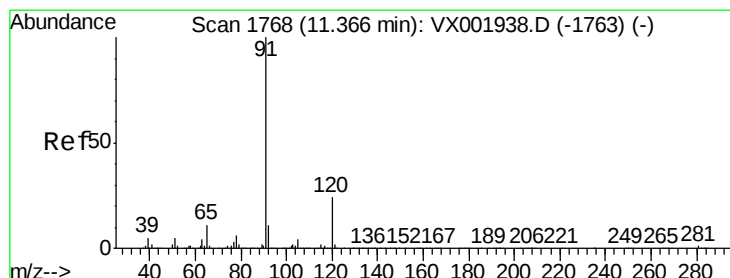
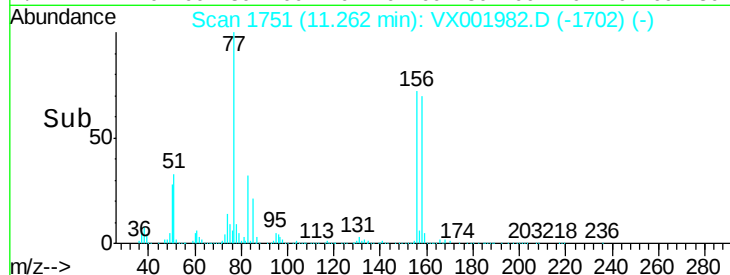
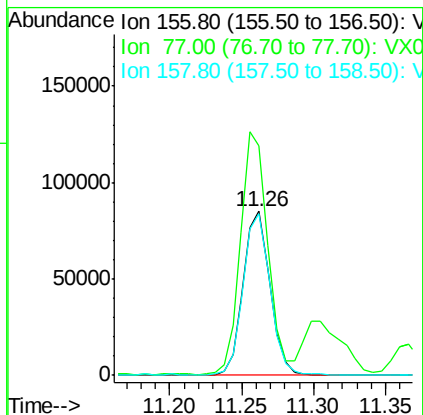
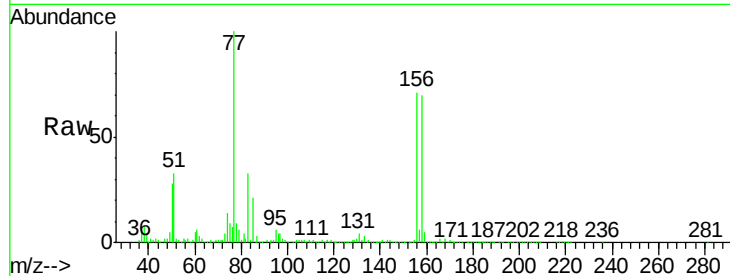
ClientSampleId :

VX0525MBSD01

Tot Ion:	156	Resp:	110110
Ion Ratio	Lower	Upper	
156	100		
77	148.2	75.2	225.6
158	97.8	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.092 ug/l

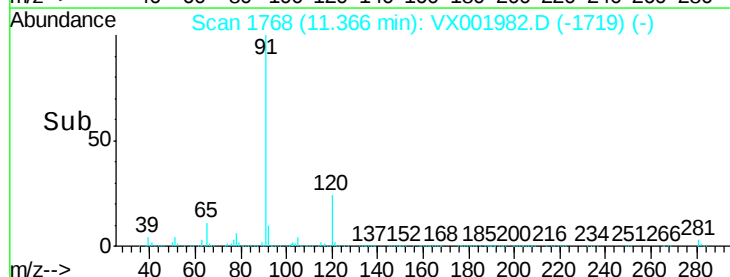
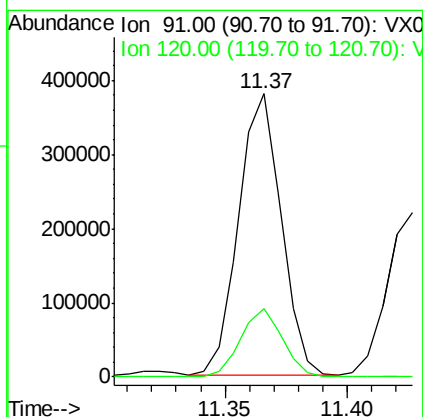
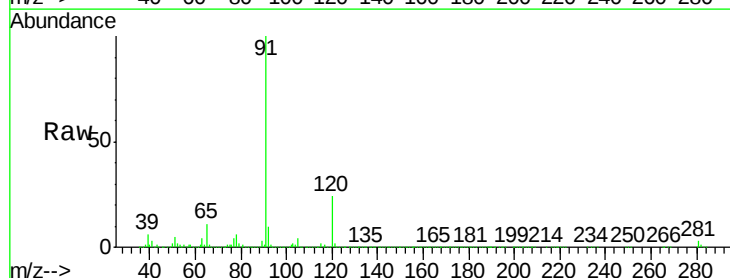
RT: 11.37 min Scan# 1768

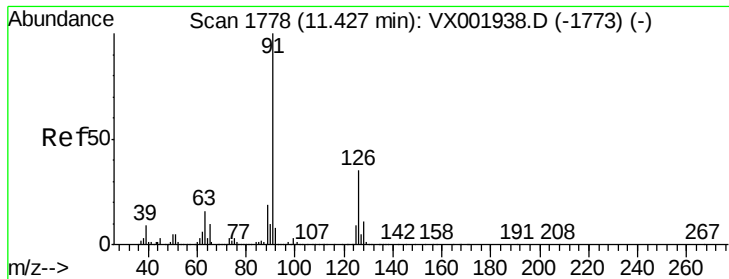
Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Tgt Ion:	91	Resp:	460528
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.9	35.7





#79

2-Chlorotoluene

Concen: 19.700 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion: 91 Resp: 279170

Ion Ratio Lower Upper

91 100

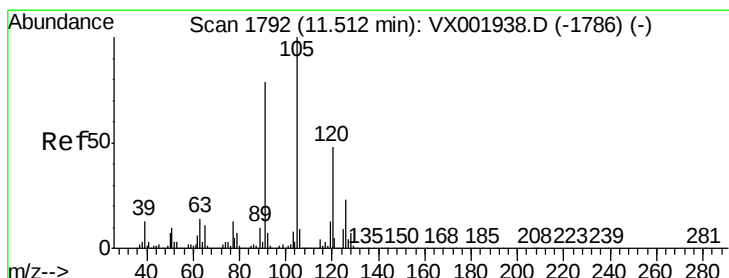
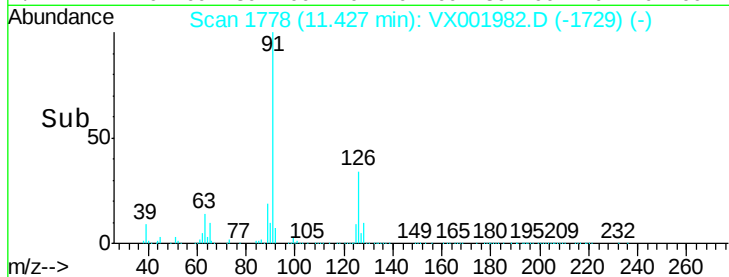
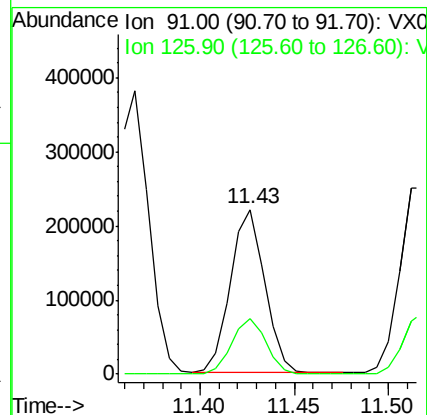
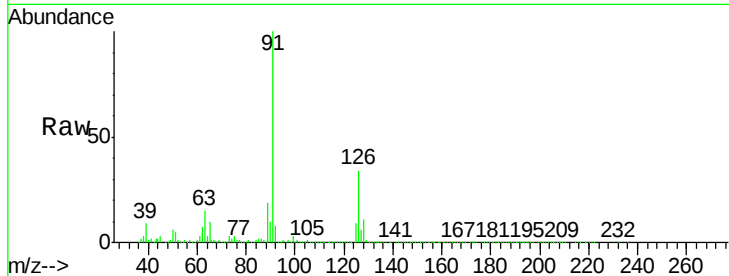
126 34.1 17.4 52.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.496 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001982.D

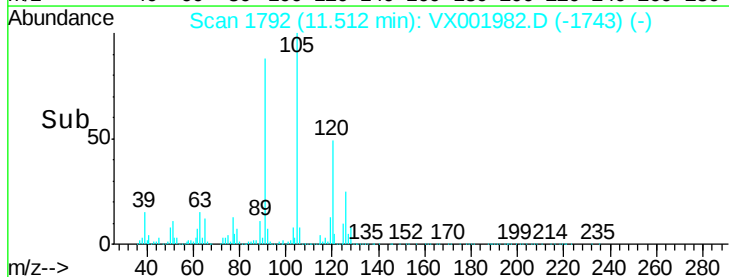
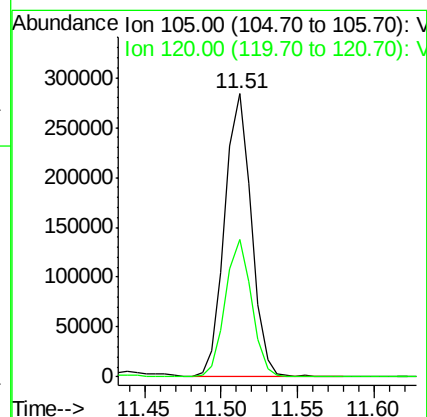
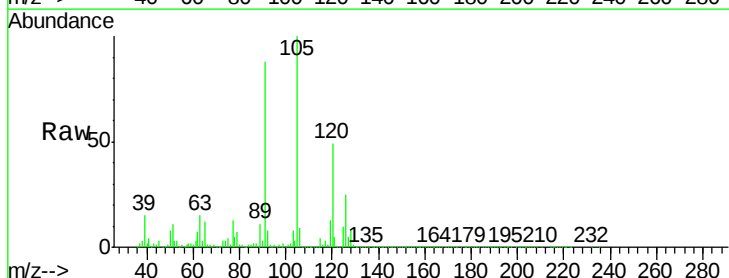
Acq: 25 May 2018 17:30

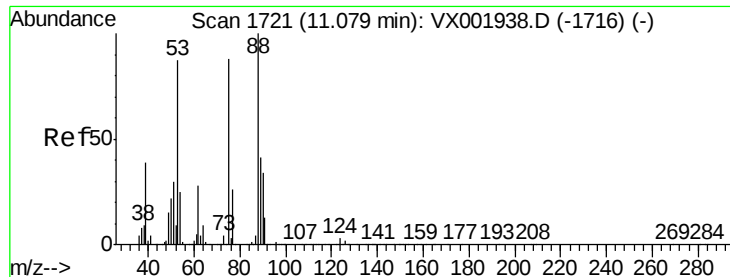
Tgt Ion: 105 Resp: 340435

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.256 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

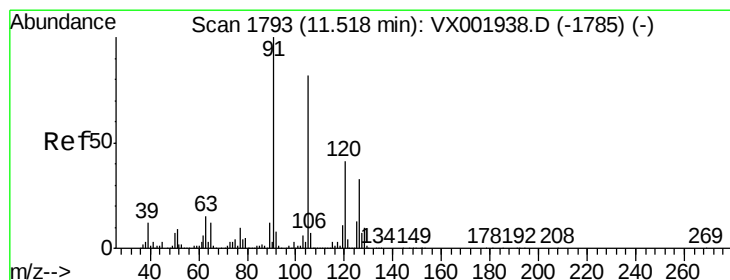
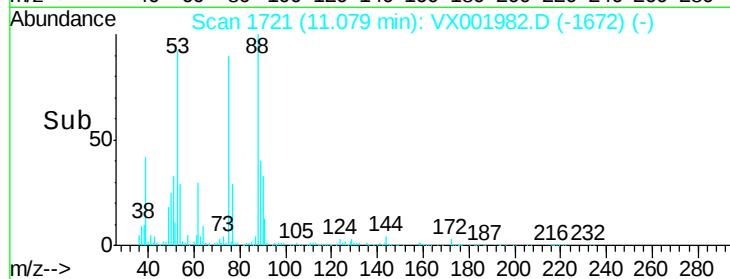
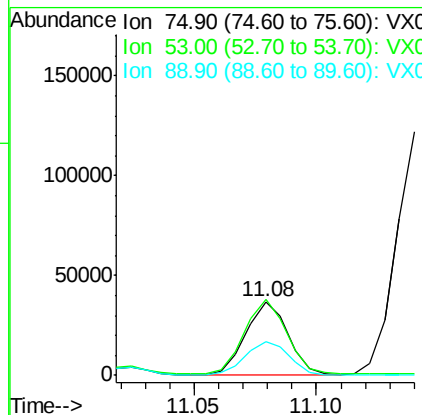
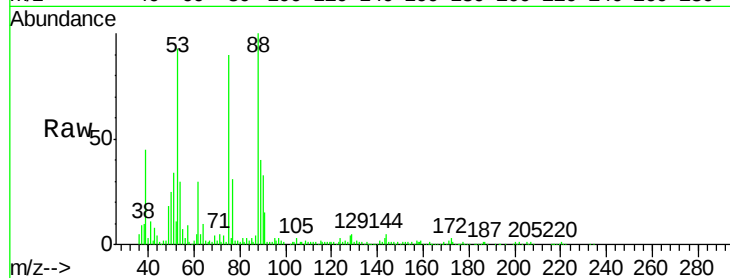
ClientSampleId :

VX0525MBSD01

Tot Ion:	75	Resp:	43863
Ion	Ratio	Lower	Upper
75	100		
53	102.5	78.0	117.0
89	49.7	39.4	59.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.298 ug/l

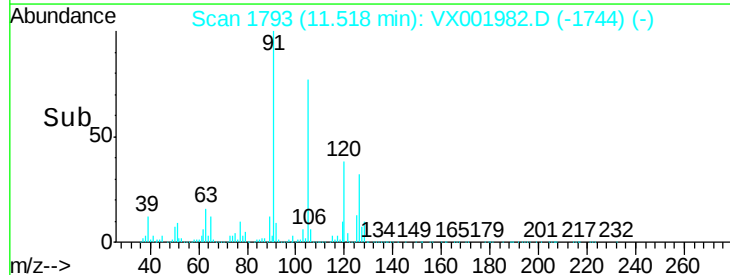
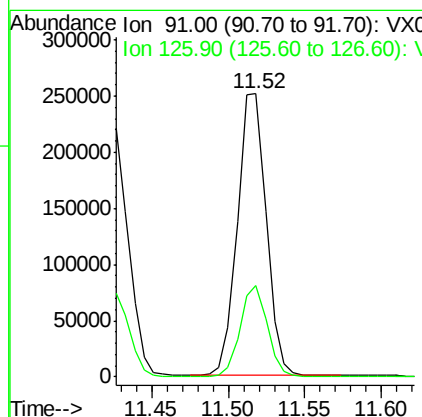
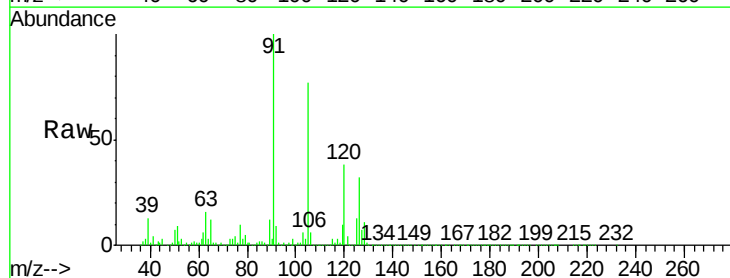
RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Tgt Ion:	91	Resp:	328324
Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.3	45.8





#83

tert-Butylbenzene

Concen: 17.636 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

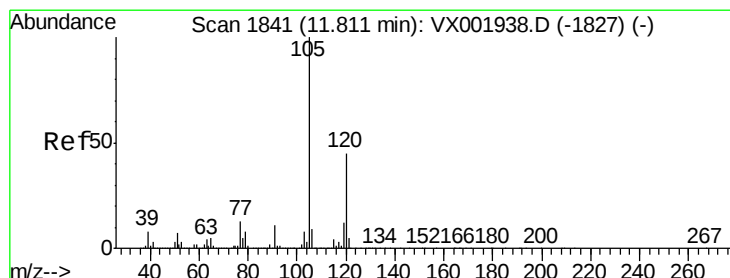
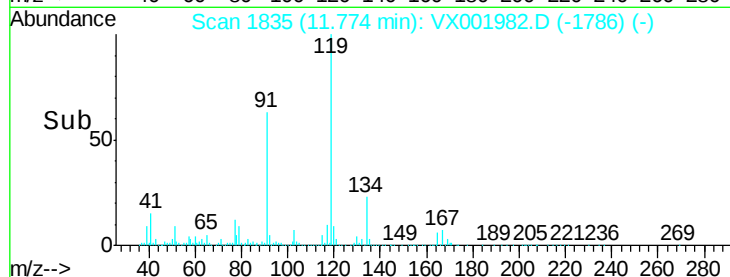
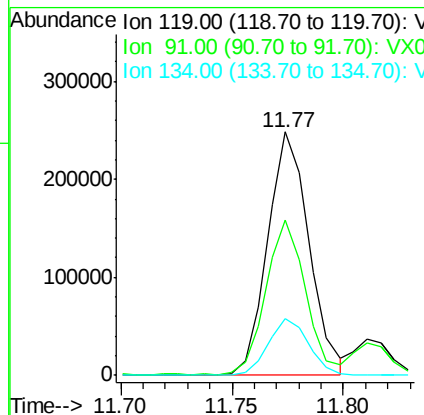
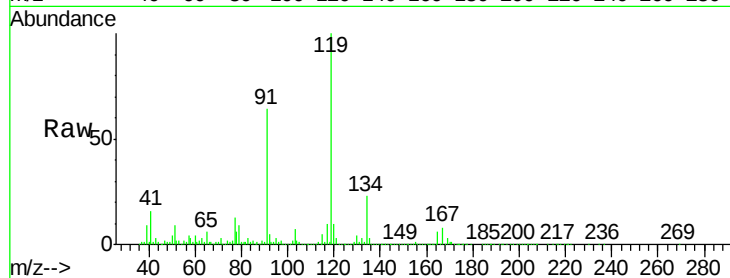
ClientSampleId :

VX0525MBSD01

Tot Ion:	119	Resp:	318547
Ion Ratio	Lower	Upper	
119	100		
91	60.8	30.6	91.8
134	23.0	11.7	35.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.027 ug/l

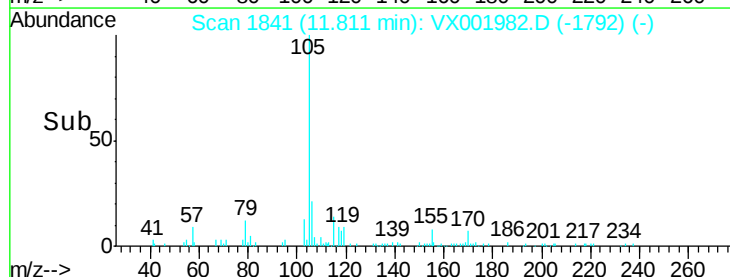
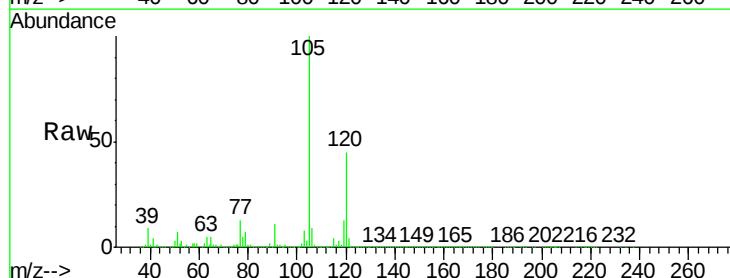
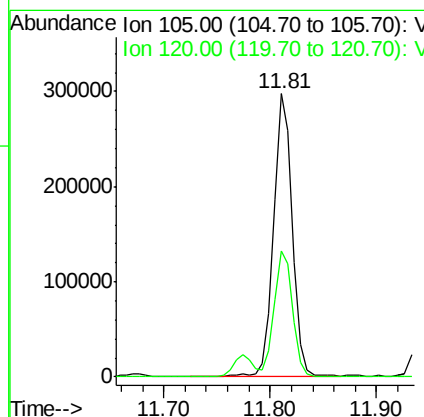
RT: 11.81 min Scan# 1841

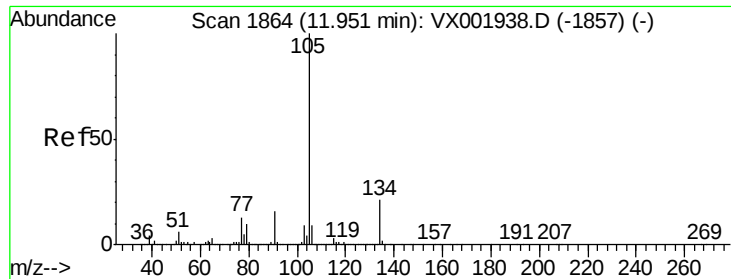
Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Tgt Ion:	105	Resp:	361916
Ion Ratio	Lower	Upper	
105	100		
120	43.9	22.1	66.5





#85

sec-Butylbenzene

Concen: 17.806 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBSD01

Tot Ion:105 Resp: 386603

Ion Ratio Lower Upper

105 100

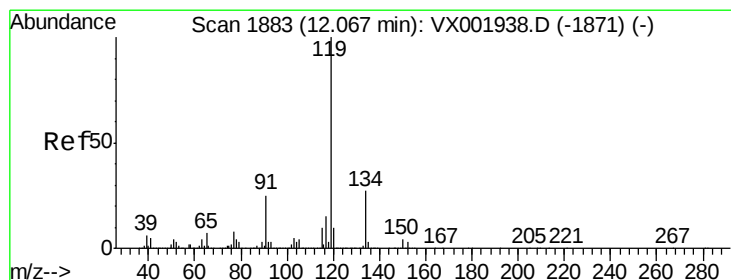
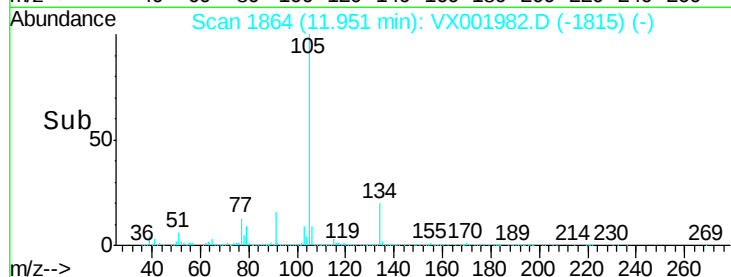
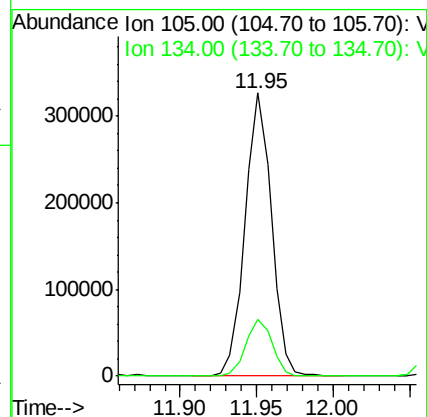
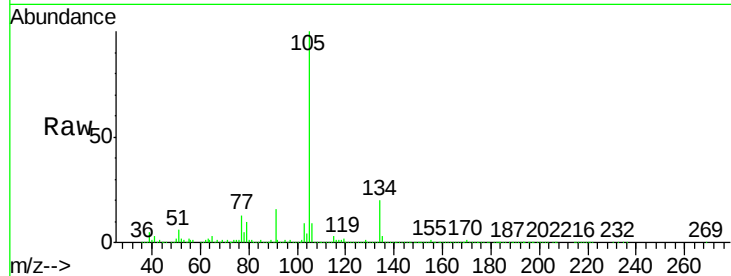
134 20.4 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.238 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001982.D

Acq: 25 May 2018 17:30

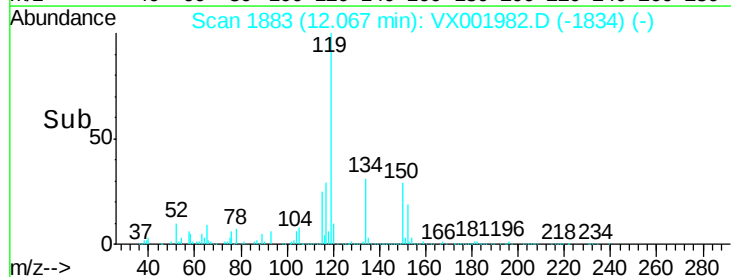
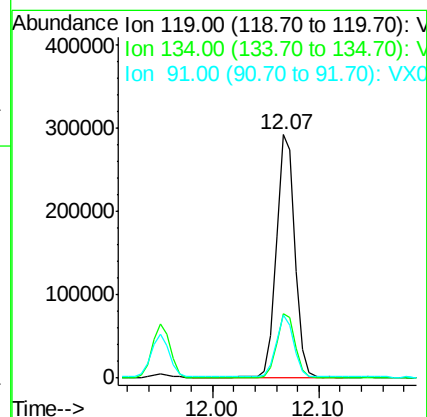
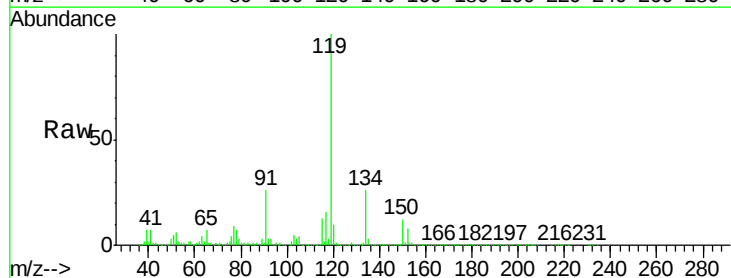
Tgt Ion:119 Resp: 354347

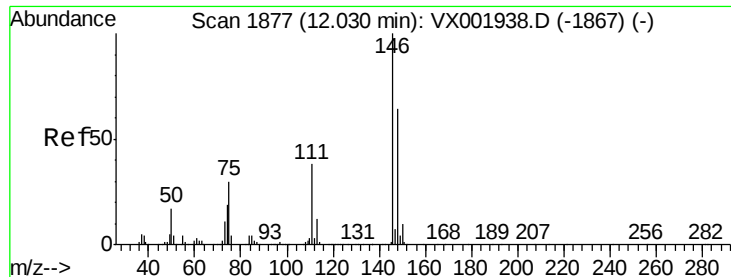
Ion Ratio Lower Upper

119 100

134 26.1 13.6 40.8

91 24.4 12.2 36.4





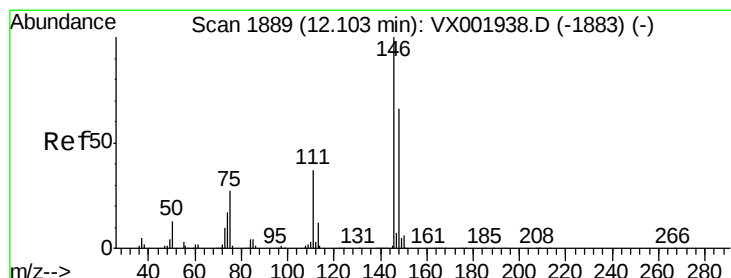
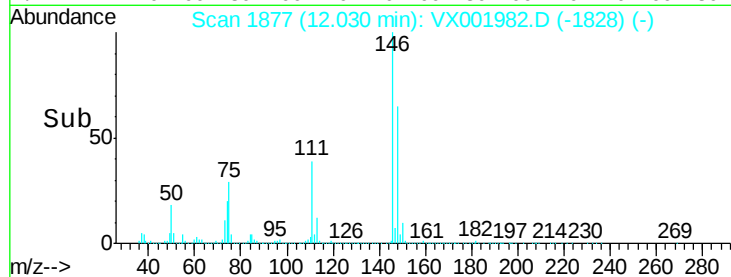
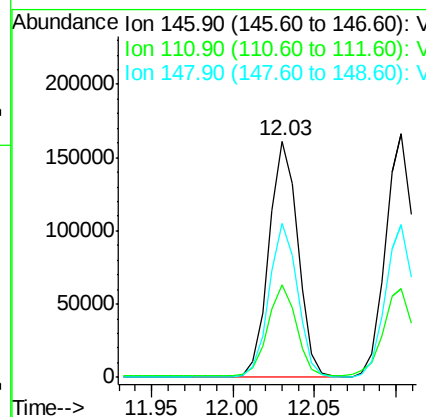
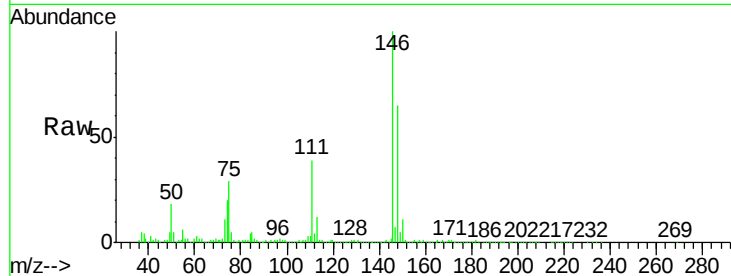
#87
 1,3-Dichlorobenzene
 Concen: 19.361 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	64.2	32.1	96.3

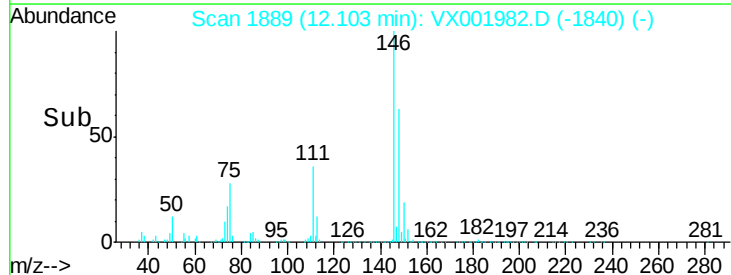
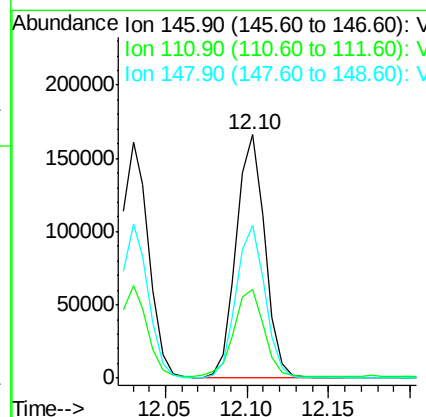
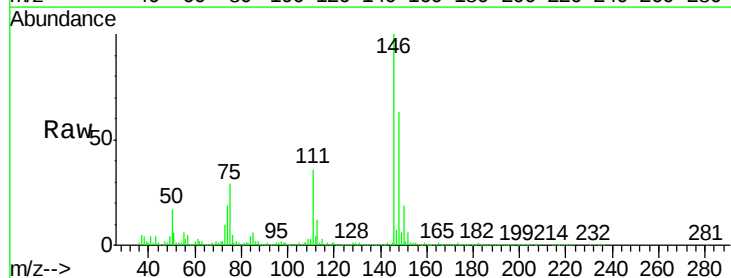
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 19.772 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.5
148	63.7	32.3	96.8





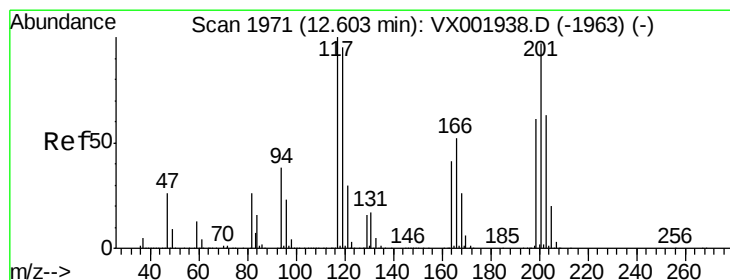
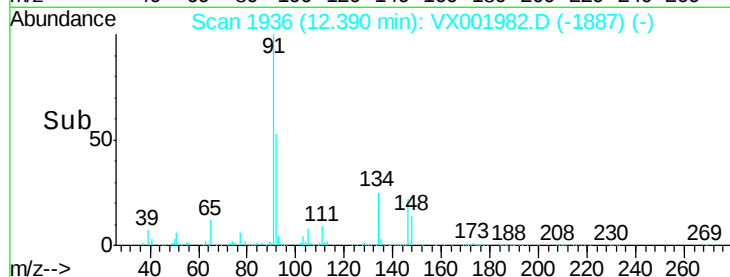
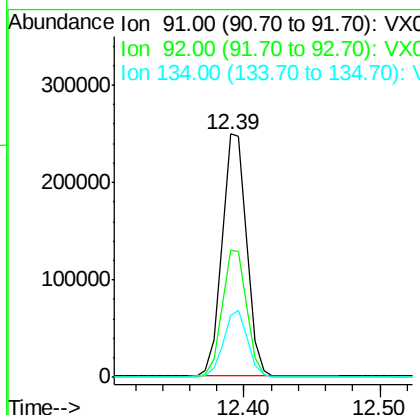
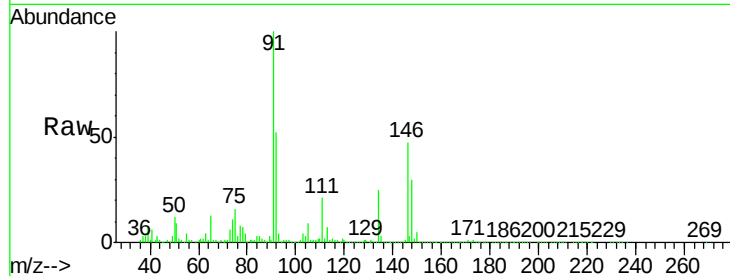
#89
n-Butylbenzene
Concen: 18.849 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.3	78.9
134	27.0	13.6	40.7

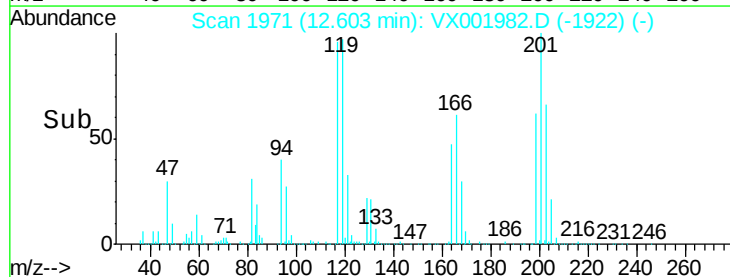
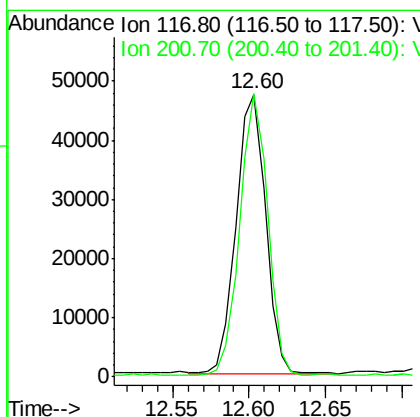
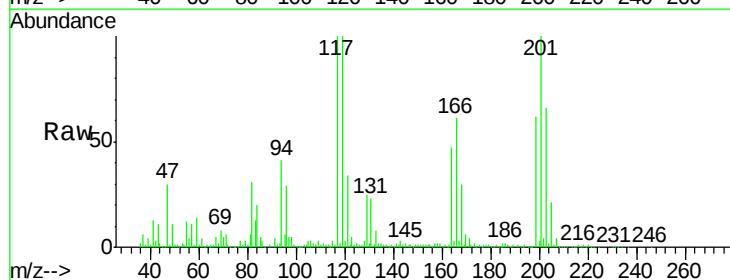
Manual Integrations
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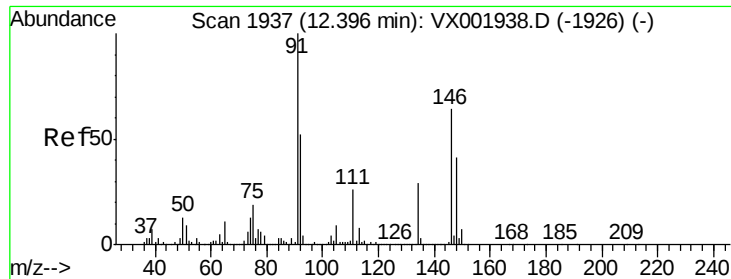
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#90
Hexachloroethane
Concen: 16.527 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.1	48.0	144.0





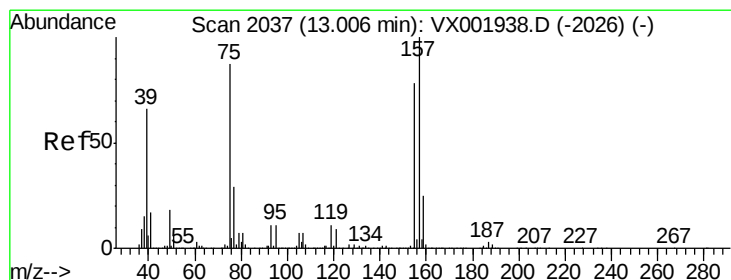
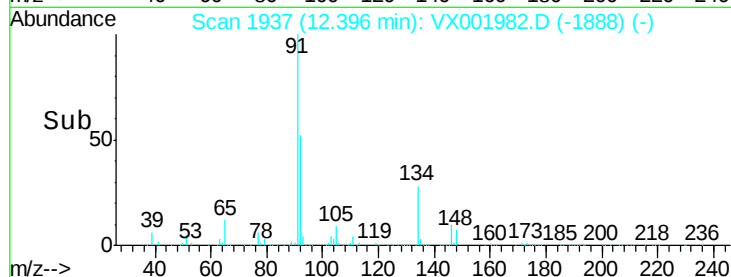
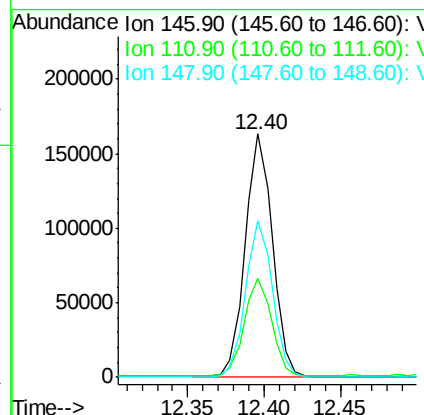
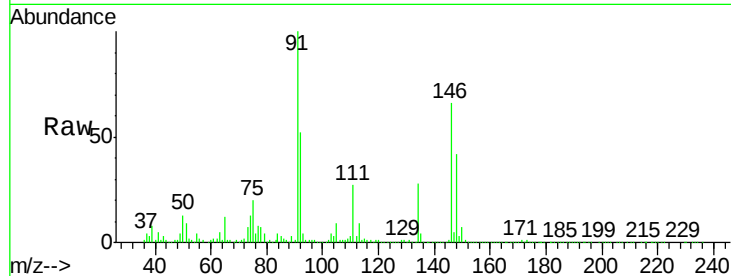
#91
 1,2-Dichlorobenzene
 Concen: 19.160 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	199783		
111	40.5	19.8	59.3	
148	64.2	32.1	96.5	

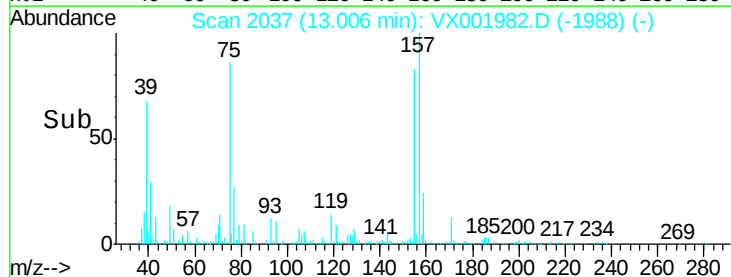
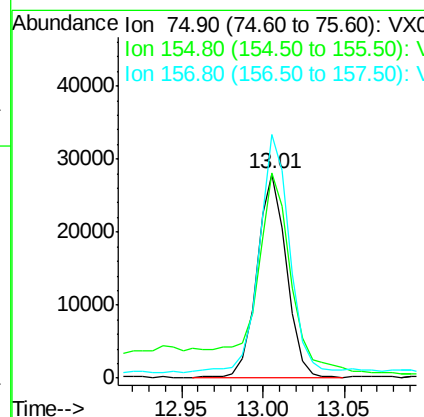
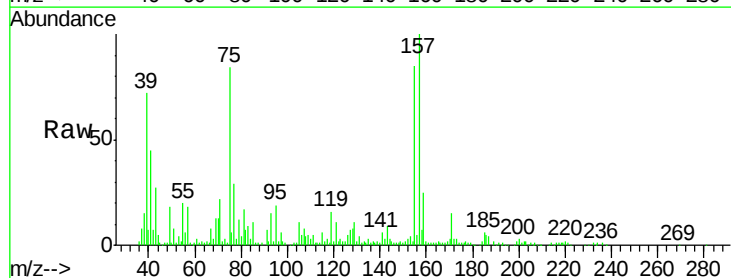
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.064 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34590		
155	114.0	45.1	135.2	
157	122.6	58.1	174.2	





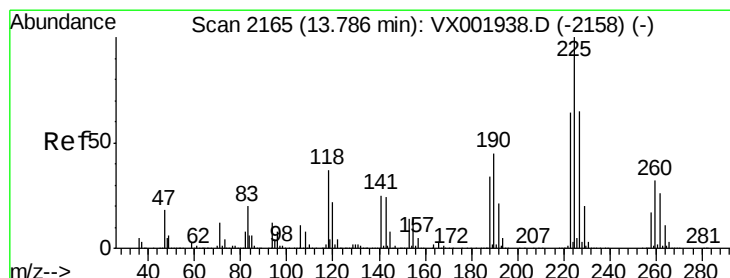
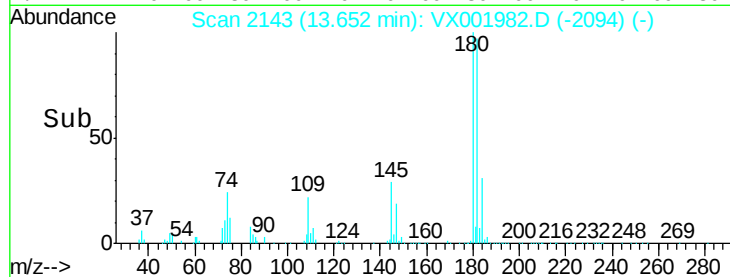
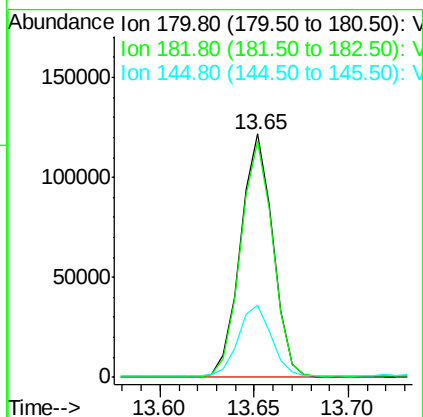
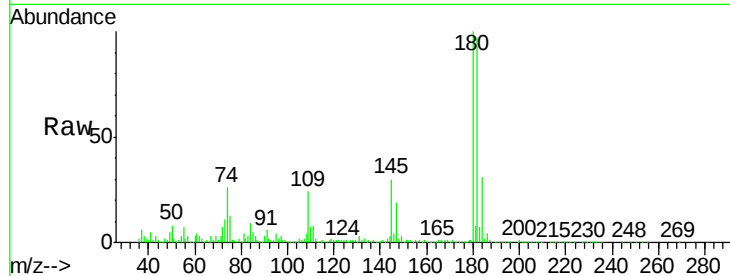
#93
 1,2,4-Trichlorobenzene
 Concen: 19.372 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	144435		
182	96.9	47.7	143.1	
145	30.1	14.4	43.0	

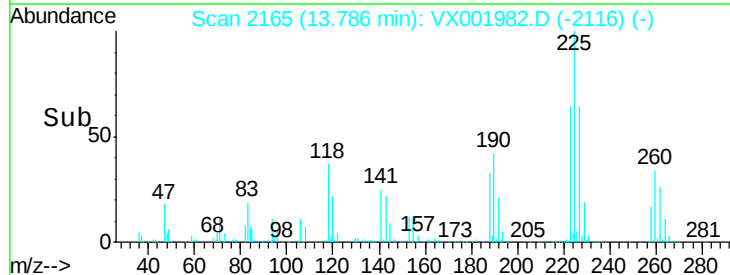
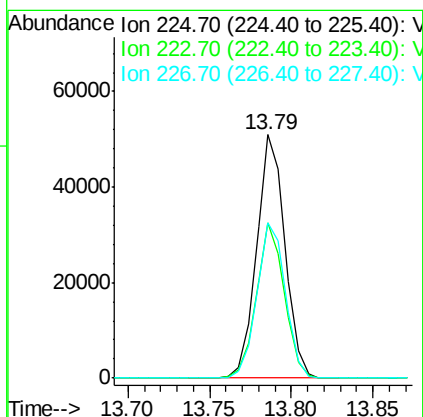
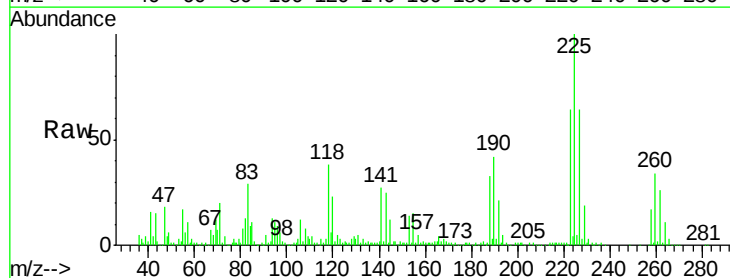
Manual Integrations
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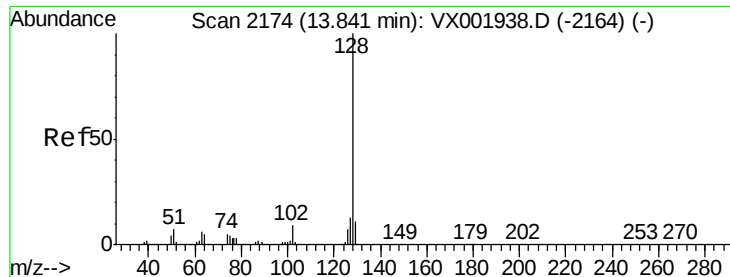
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#94
 Hexachlorobutadiene
 Concen: 15.254 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001982.D
 Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61181		
223	62.9	31.1	93.5	
227	64.2	32.1	96.5	





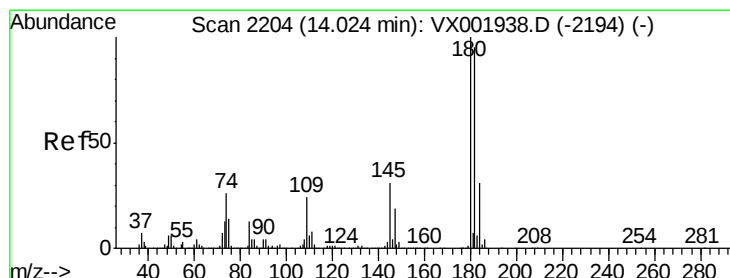
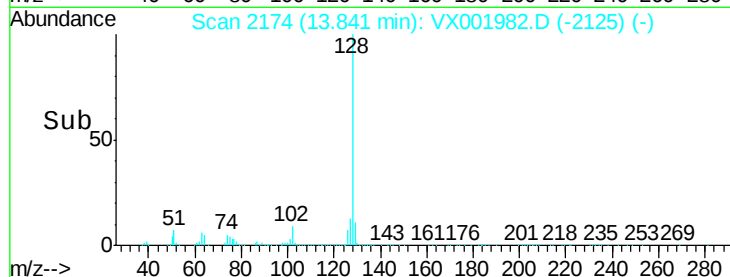
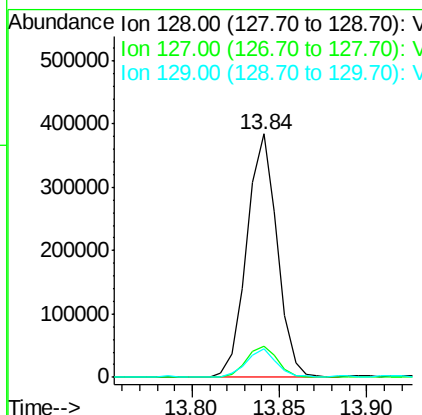
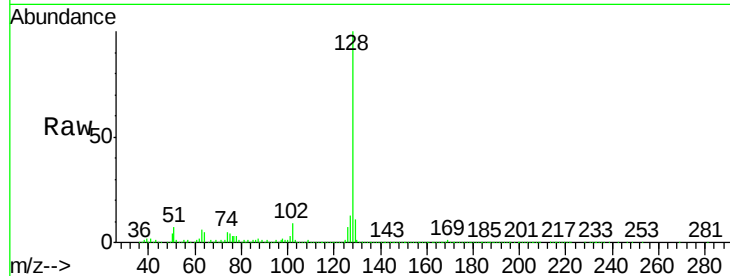
#95
Naphthalene
Concen: 19.954 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	458358		
127	13.0		10.4	15.6
129	11.2		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
5/29/2018 4:39:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.211 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001982.D
Acq: 25 May 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	148207		
182	94.5		47.9	143.6
145	30.8		15.1	45.3

