

Data File : VX002485.D
Acq On : 13 Jun 2018 00:24
Operator : JC/MD
Sample : VX0612WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:40 PM

Quant Time: Jun 13 03:43:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	290030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	171802	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	135808	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.51	113	102603	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
50) Toluene-d8	8.72	98	381863	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
62) 4-Bromofluorobenzene	11.14	95	143920	42.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	38125	18.809	ug/l	99
3) Chloromethane	1.32	50	45256	17.627	ug/l	100
4) Vinyl Chloride	1.40	62	51345	20.100	ug/l	99
5) Bromomethane	1.64	94	30551	19.069	ug/l	100
6) Chloroethane	1.73	64	35306	21.366	ug/l	99
7) Trichlorofluoromethane	1.93	101	88891	22.838	ug/l	95
8) Diethyl Ether	2.19	74	33477	22.906	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50174	23.888	ug/l	98
10) Methyl Iodide	2.51	142	49630	16.799	ug/l	99
11) Tert butyl alcohol	3.07	59	73872	118.894	ug/l	98
12) 1,1-Dichloroethene	2.37	96	43578	20.994	ug/l	98
13) Acrolein	2.30	56	24418	81.629	ug/l	98
14) Allyl chloride	2.73	41	87282	19.376	ug/l	99
15) Acrylonitrile	3.15	53	149105	120.637	ug/l	99
16) Acetone	2.45	43	143691	109.016	ug/l	99
17) Carbon Disulfide	2.57	76	92679	16.941	ug/l	100
18) Methyl Acetate	2.78	43	72319	24.514	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	176114	23.077	ug/l	99
20) Methylene Chloride	2.86	84	52923	22.485	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	46816	20.452	ug/l	95
22) Diisopropyl ether	3.87	45	156878	19.953	ug/l	92
23) Vinyl Acetate	3.83	43	665351	91.113	ug/l	99
24) 1,1-Dichloroethane	3.70	63	91937	20.650	ug/l	99
25) 2-Butanone	4.71	43	184425	96.467	ug/l	97
26) 2,2-Dichloropropane	4.59	77	47193	13.560	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	47101	18.921	ug/l	96
28) Bromochloromethane	5.03	49	41567	19.802	ug/l	100
29) Tetrahydrofuran	5.17	42	121486	98.560	ug/l	100
30) Chloroform	5.22	83	84553	19.681	ug/l	97
31) Cyclohexane	5.58	56	66842	18.986	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	70010	19.215	ug/l	98
36) 1,1-Dichloropropene	5.81	75	56967	18.684	ug/l	99
37) Ethyl Acetate	4.87	43	71404	19.473	ug/l	99
38) Carbon Tetrachloride	5.79	117	59863	18.767	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65807	17.640	ug/l	96
40) Benzene	6.15	78	177513	18.988	ug/l	100
41) Methacrylonitrile	5.07	41	41208	19.631	ug/l	99
42) 1,2-Dichloroethane	6.20	62	72877	19.620	ug/l	99
43) Isopropyl Acetate	6.47	43	116450	18.697	ug/l	100
44) Trichloroethene	7.22	130	49702	19.155	ug/l	99
45) 1,2-Dichloropropane	7.53	63	47940	18.995	ug/l	98
46) Dibromomethane	7.67	93	33018	19.298	ug/l	98
47) Bromodichloromethane	7.90	83	56425	18.235	ug/l	97
48) Methyl methacrylate	7.78	41	59489	19.015	ug/l	98
49) 1,4-Dioxane	7.76	88	24619	420.877	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	396336	102.187	ug/l	99
52) Toluene	8.79	92	114389	19.238	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	66285	17.863	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	59382	16.961	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	49745	20.341	ug/l	99
56) Ethyl methacrylate	9.18	69	71993	18.439	ug/l	99
57) 1,3-Dichloropropane	9.38	76	80941	19.729	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	184222	101.943	ug/l	99
59) 2-Hexanone	9.50	43	301333	100.585	ug/l	99
60) Dibromochloromethane	9.59	129	45760	18.603	ug/l	99
61) 1,2-Dibromoethane	9.68	107	50138	19.663	ug/l	100
64) Tetrachloroethene	9.34	164	55381	19.448	ug/l	98
65) Chlorobenzene	10.14	112	133304	19.402	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	47085	18.927	ug/l	99
67) Ethyl Benzene	10.26	91	225208	19.587	ug/l	97
68) m/p-Xylenes	10.36	106	171871	38.454	ug/l	100
69) o-Xylene	10.70	106	84872	19.081	ug/l	99
70) Styrene	10.71	104	141557	19.468	ug/l	99
71) Bromoform	10.86	173	32590	17.073	ug/l #	100
73) Isopropylbenzene	11.02	105	230581	19.293	ug/l	100
74) N-amyl acetate	6.47	43	116450	18.083	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	74537	19.830	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	71720m	19.025	ug/l	
77) Bromobenzene	11.26	156	63862	19.034	ug/l	98
78) n-propylbenzene	11.37	91	263048	19.802	ug/l	99
79) 2-Chlorotoluene	11.43	91	156384	18.644	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	193246	18.852	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14821	13.781	ug/l #	83
82) 4-Chlorotoluene	11.51	91	183966	19.002	ug/l	99
83) tert-Butylbenzene	11.77	119	192787	19.313	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	202314	19.173	ug/l	99
85) sec-Butylbenzene	11.95	105	238211	20.356	ug/l	99
86) p-Isopropyltoluene	12.07	119	209690	19.672	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	114668	19.114	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	116822	18.892	ug/l	99
89) n-Butylbenzene	12.39	91	178707	19.990	ug/l	99
90) Hexachloroethane	12.60	117	29101	17.103	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	119503	19.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14980	18.224	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061218\
Quantitation Report (QT Reviewed)

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ClientSampleId :
VX0612WBSD02

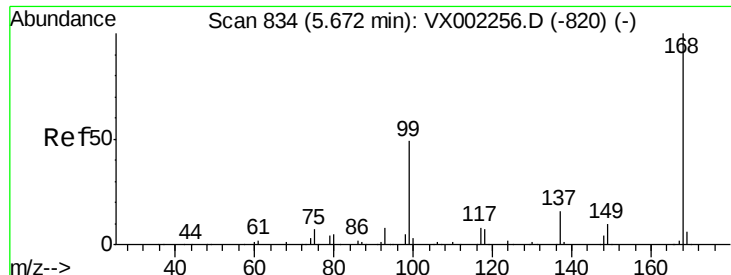
Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:40 PM

Quant Time: Jun 13 03:43:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83173	19.110	ug/l	100
94) Hexachlorobutadiene	13.79	225	44019	20.467	ug/l	99
95) Naphthalene	13.84	128	241371	19.302	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86123	19.403	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: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tgt Ion: 168 Resp: 194982

Ion Ratio Lower Upper

168 100

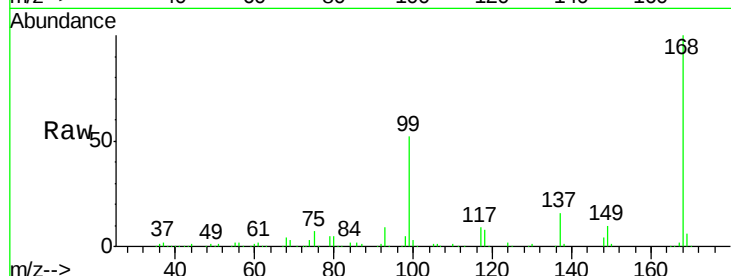
99 51.8 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

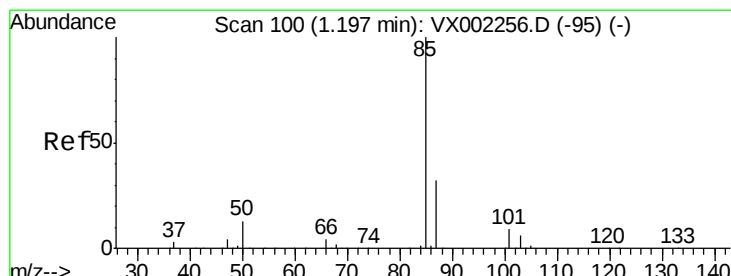
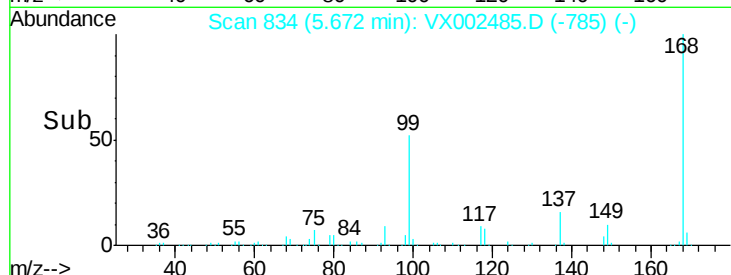
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.809 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002485.D

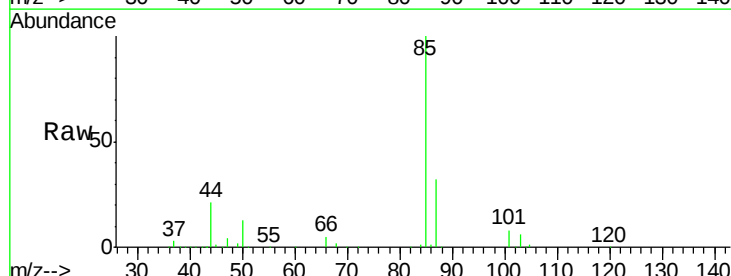
Acq: 13 Jun 2018 00:24

Tgt Ion: 85 Resp: 38125

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

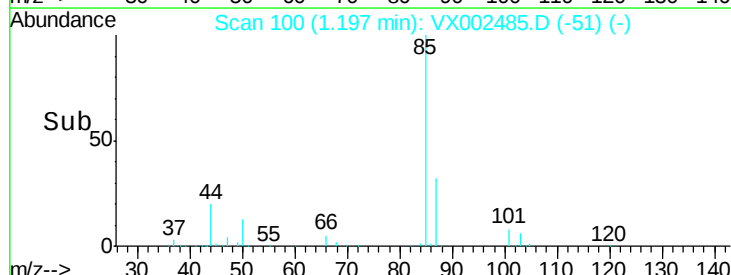
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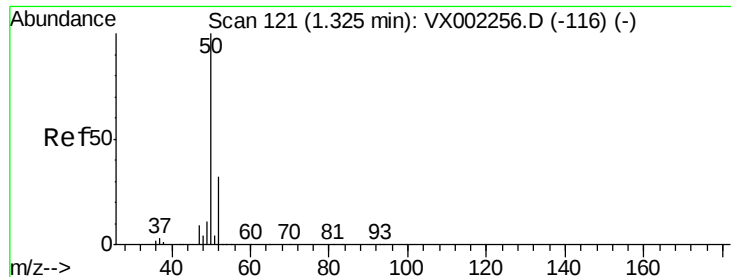
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.627 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tgt Ion: 50 Resp: 45256

Ion Ratio Lower Upper

50 100

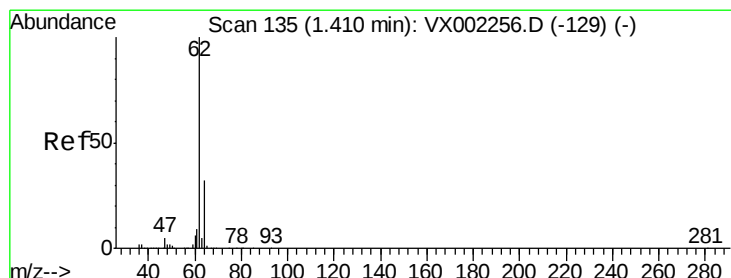
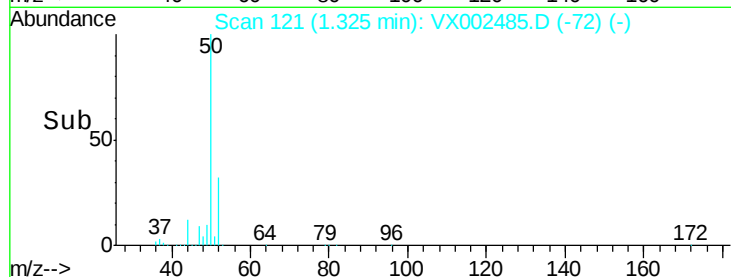
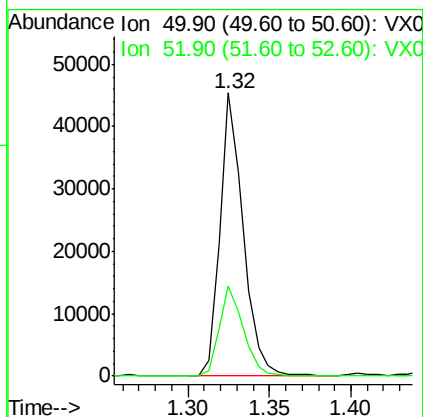
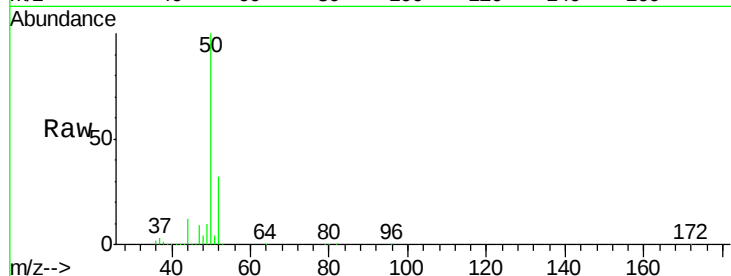
52 32.0 25.7 38.5

Manual Integrations

APPROVED

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6/13/2018 1:59:40 PM



#4

Vinyl Chloride

Concen: 20.100 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002485.D

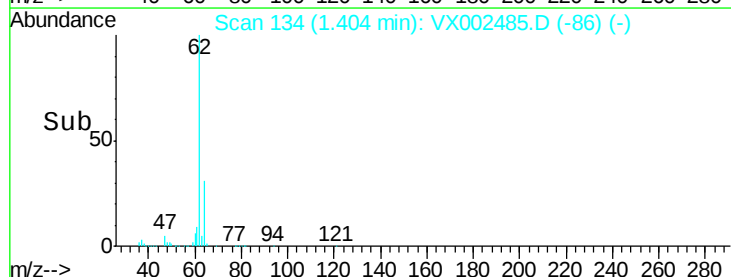
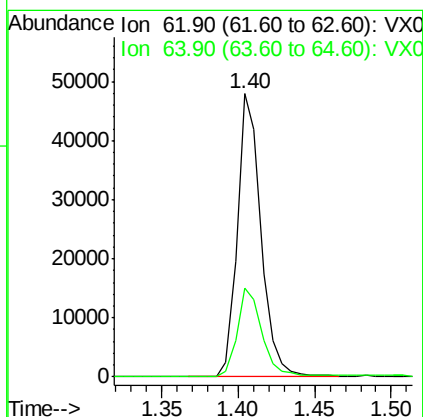
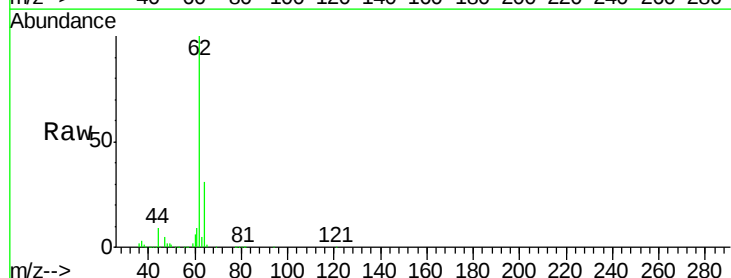
Acq: 13 Jun 2018 00:24

Tgt Ion: 62 Resp: 51345

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.2





#5

Bromomethane

Concen: 19.069 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tgt Ion: 94 Resp: 30551

Ion Ratio Lower Upper

94 100

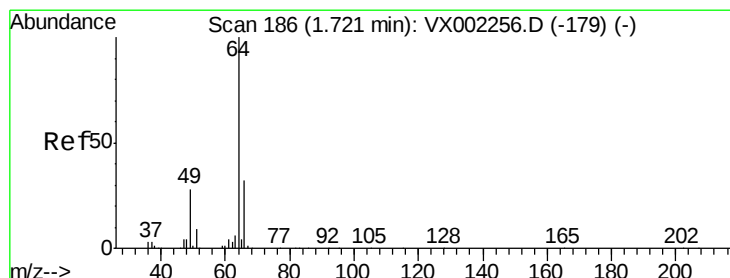
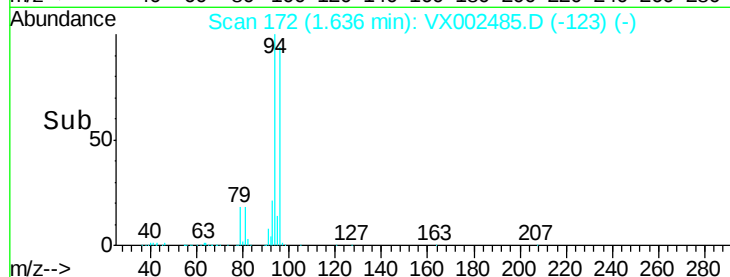
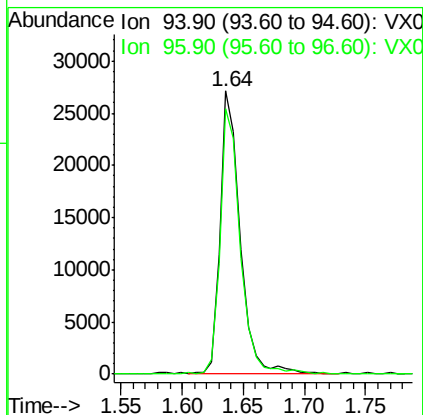
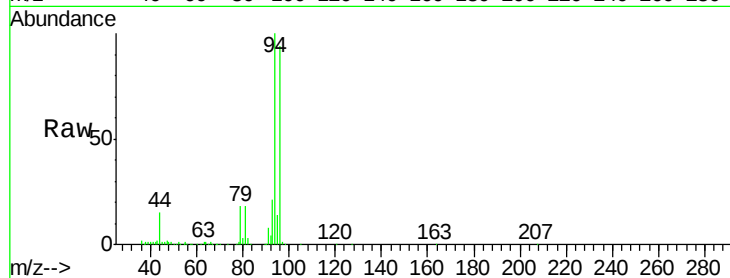
96 93.9 74.9 112.3

Manual Integrations

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6/13/2018 1:59:40 PM



#6

Chloroethane

Concen: 21.366 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002485.D

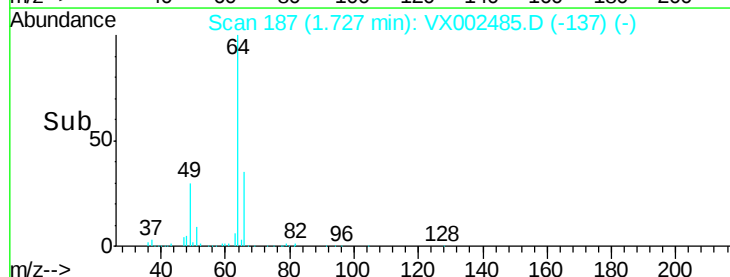
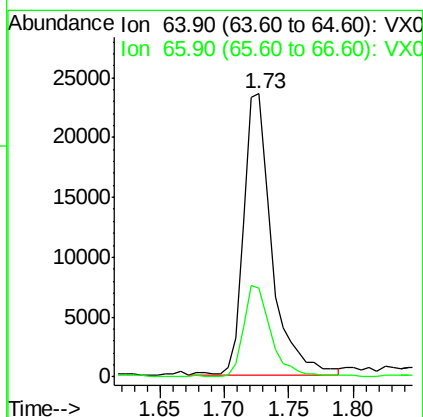
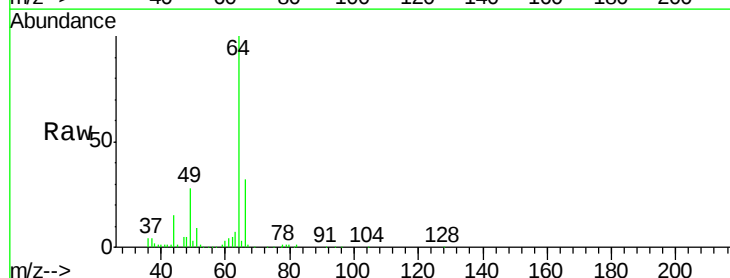
Acq: 13 Jun 2018 00:24

Tgt Ion: 64 Resp: 35306

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3





#7

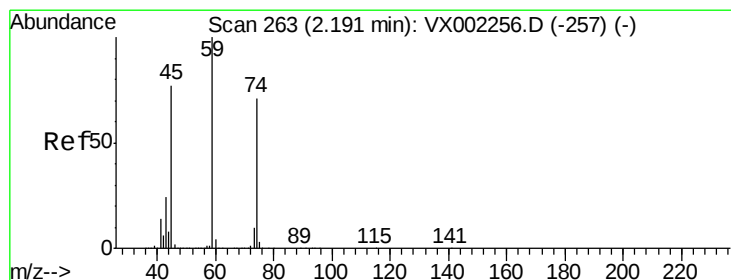
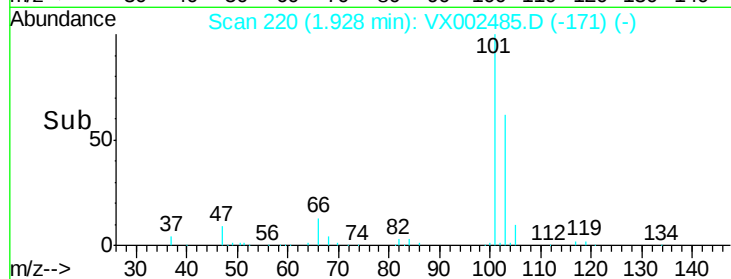
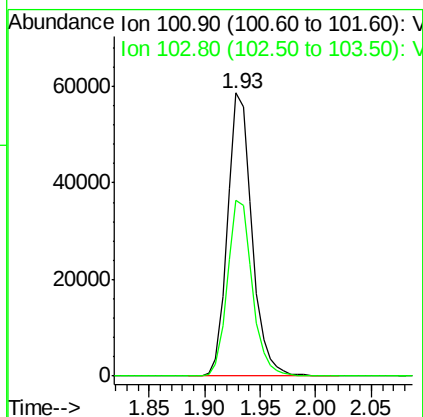
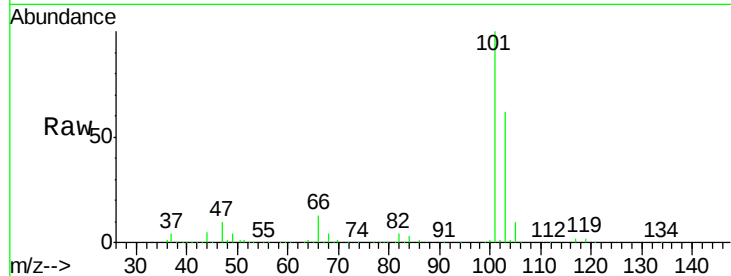
Trichlorofluoromethane
Concen: 22.838 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
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ClientSampleId :
VX0612WBSD02

Tgt Ion:101 Resp: 88891
Ion Ratio Lower Upper
101 100
103 62.3 52.8 79.2

Manual Integrations
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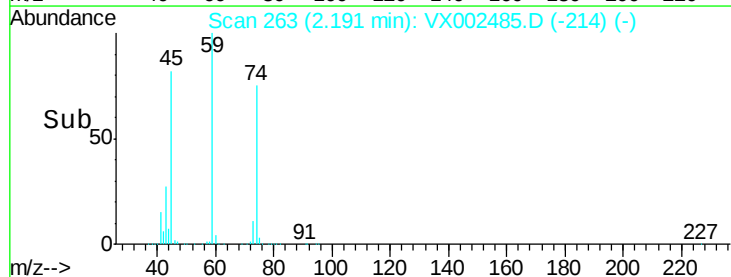
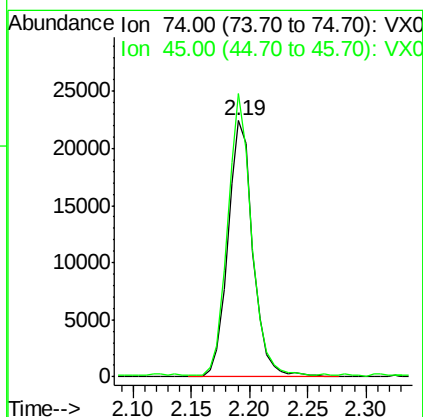
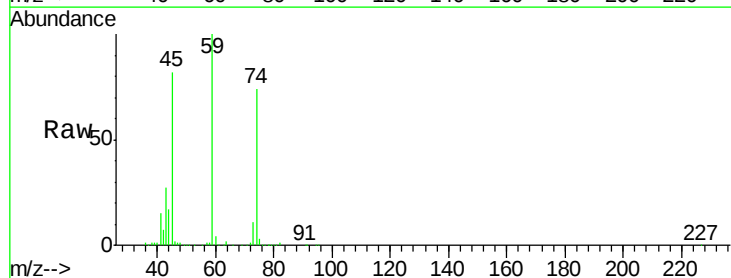
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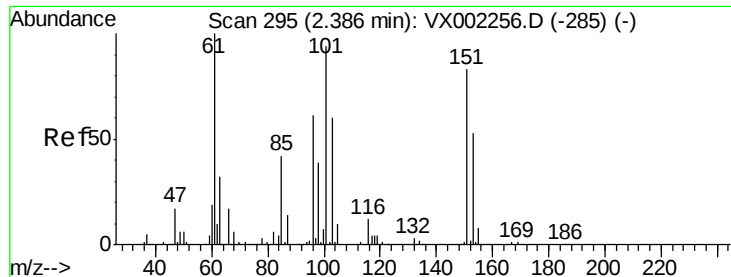


#8

Diethyl Ether
Concen: 22.906 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 74 Resp: 33477
Ion Ratio Lower Upper
74 100
45 104.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.888 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

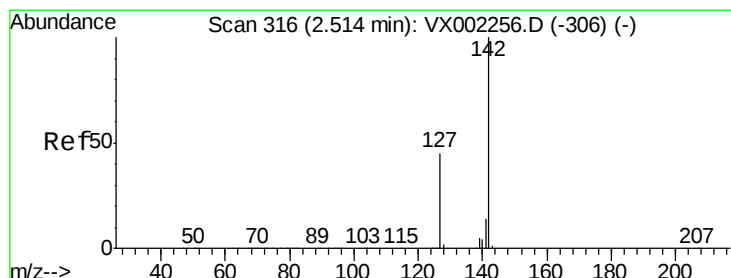
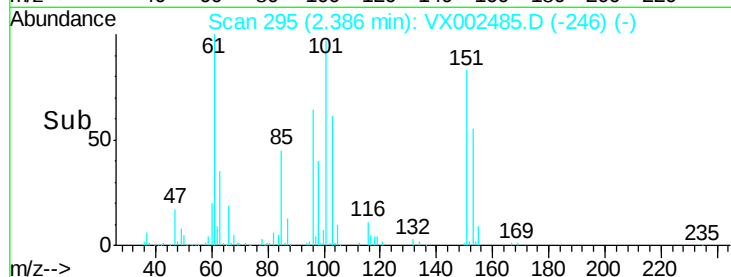
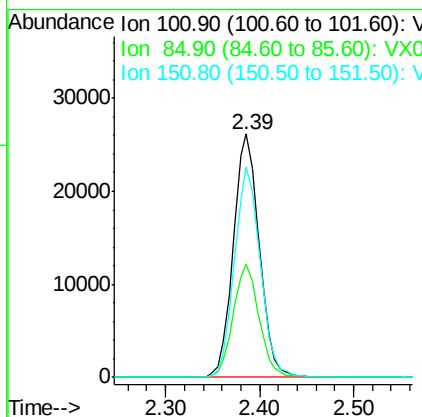
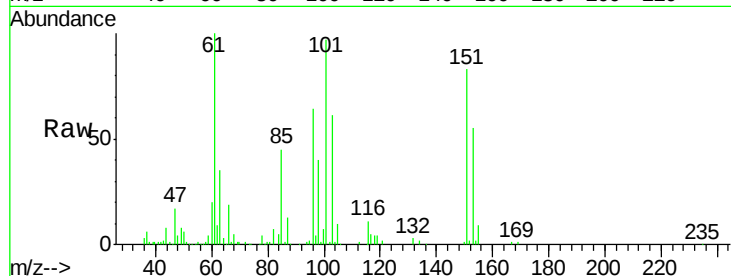
ClientSampleId :

VX0612WBSD02

Tgt Ion:	101	Resp:	50174
Ion Ratio	Lower	Upper	
101	100		
85	46.3	36.0	54.0
151	86.2	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 16.799 ug/l

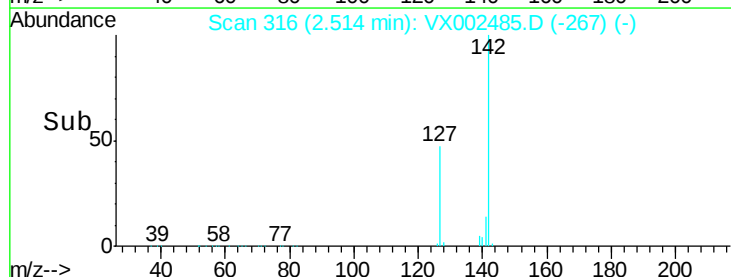
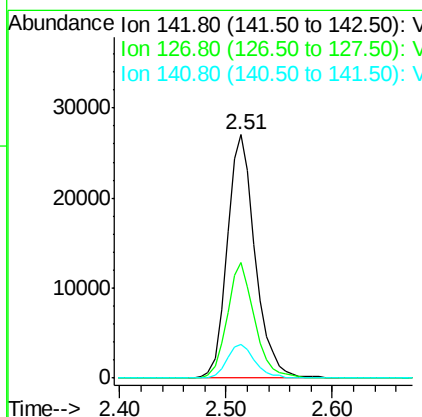
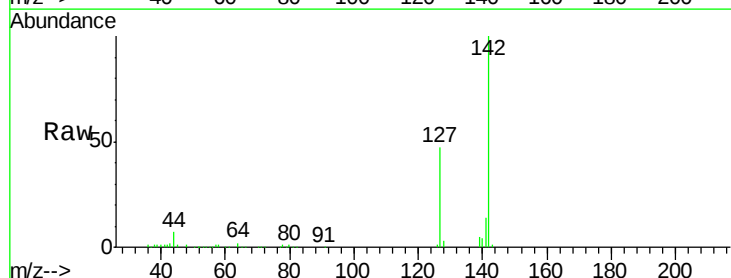
RT: 2.51 min Scan# 316

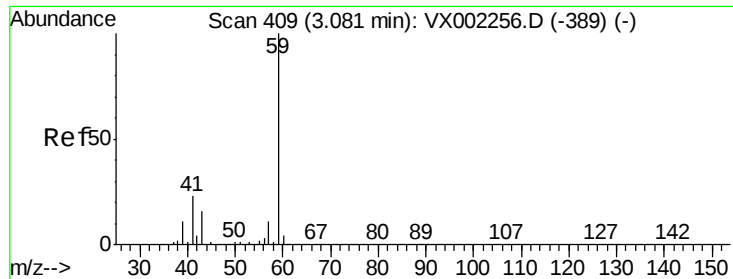
Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Tgt Ion:	142	Resp:	49630
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.6	55.0
141	14.1	11.3	16.9





#11

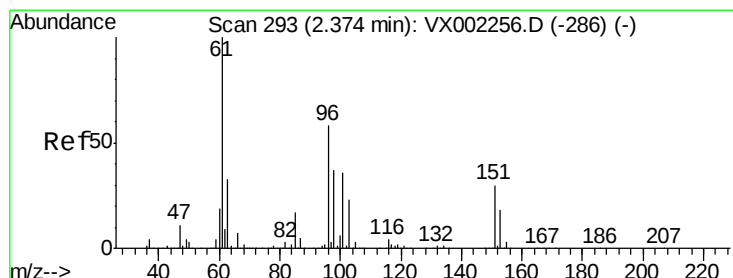
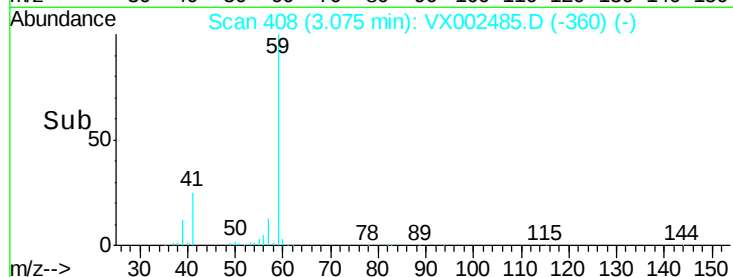
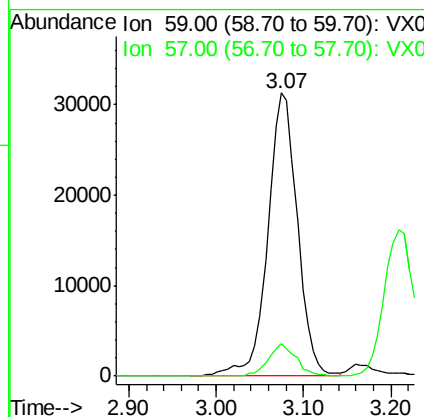
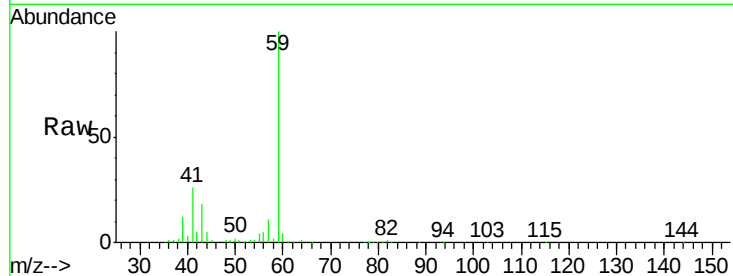
Tert butyl alcohol
Concen: 118.894 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion: 59 Resp: 73872
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

Manual Integrations
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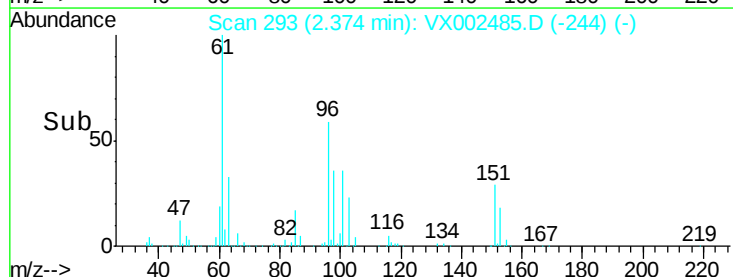
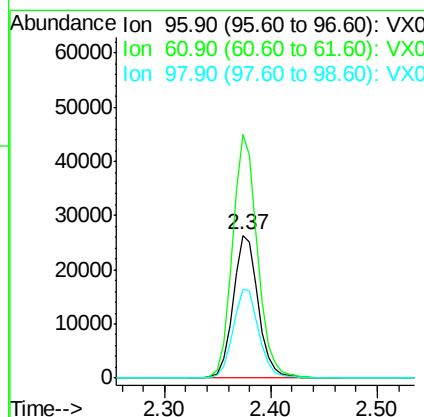
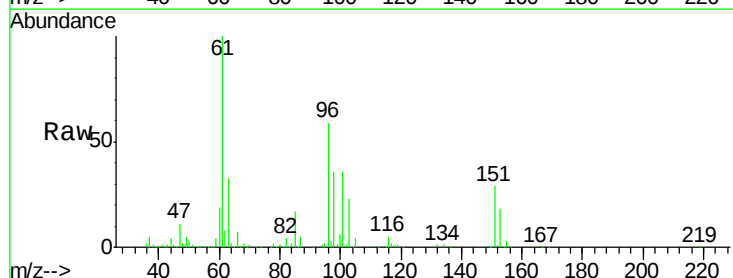
MMDadoda
6/13/2018 1:59:40 PM

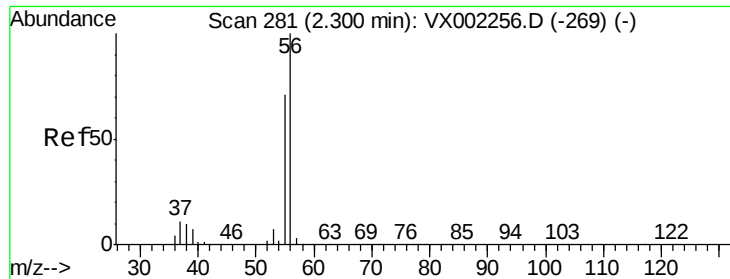


#12

1,1-Dichloroethene
Concen: 20.994 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 96 Resp: 43578
Ion Ratio Lower Upper
96 100
61 170.5 137.9 206.9
98 62.0 51.6 77.4





#13

Acrolein

Concen: 81.629 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tgt Ion: 56 Resp: 24418

Ion Ratio Lower Upper

56 100

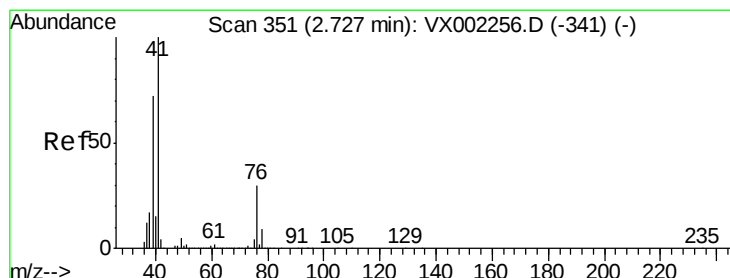
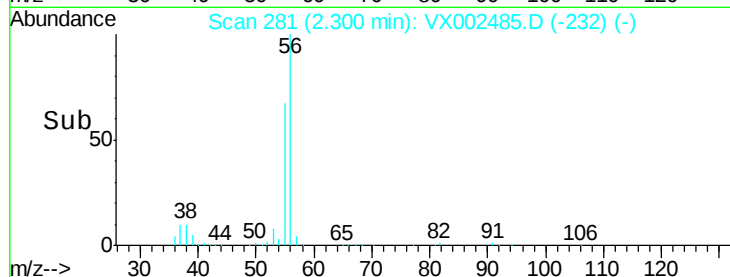
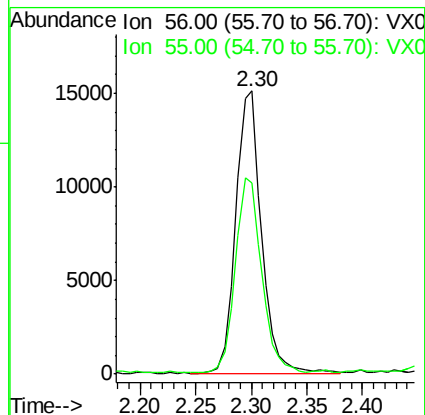
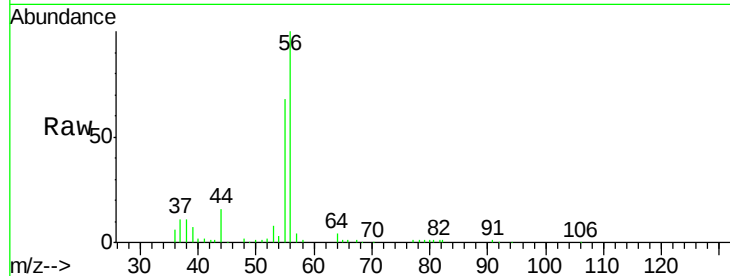
55 69.3 57.0 85.4

Manual Integrations

APPROVED

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6/13/2018 1:59:40 PM



#14

Allyl chloride

Concen: 19.376 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

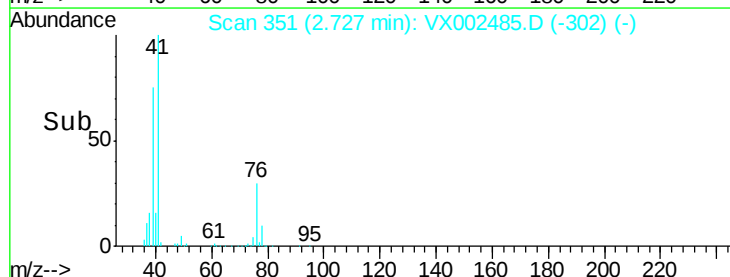
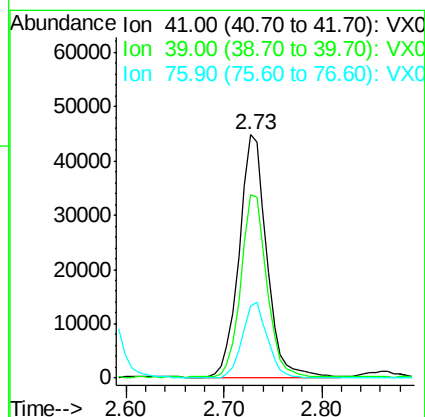
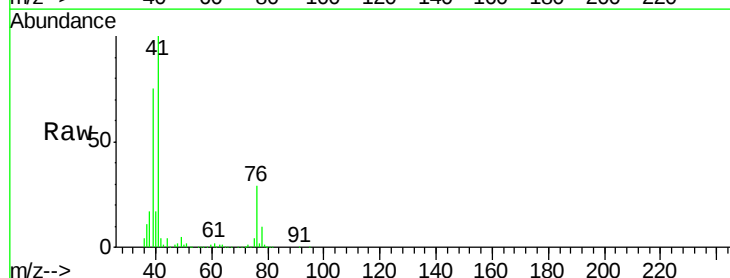
Tgt Ion: 41 Resp: 87282

Ion Ratio Lower Upper

41 100

39 70.7 56.8 85.2

76 28.2 23.8 35.8





#15

Acrylonitrile

Concen: 120.637 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

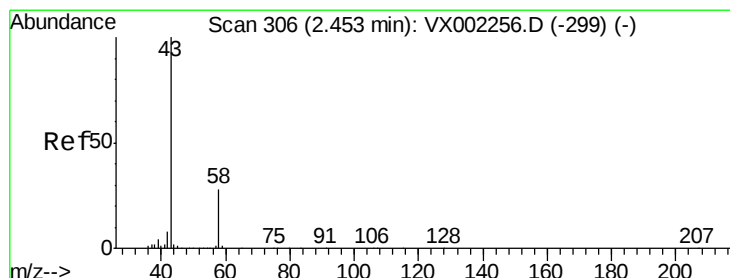
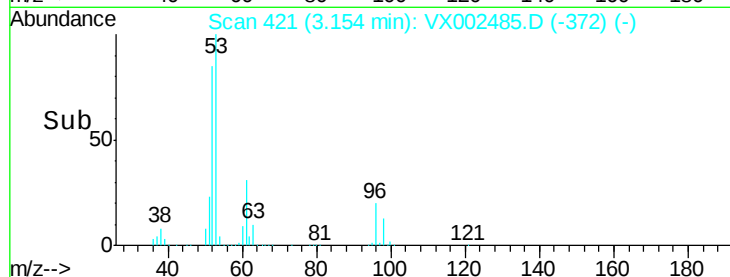
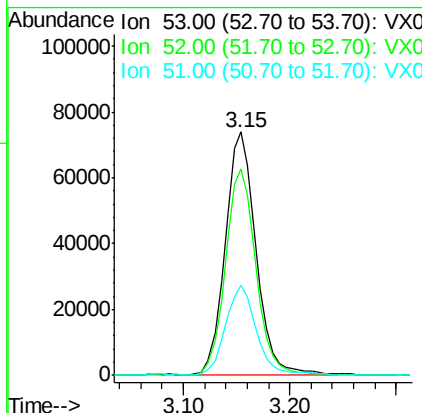
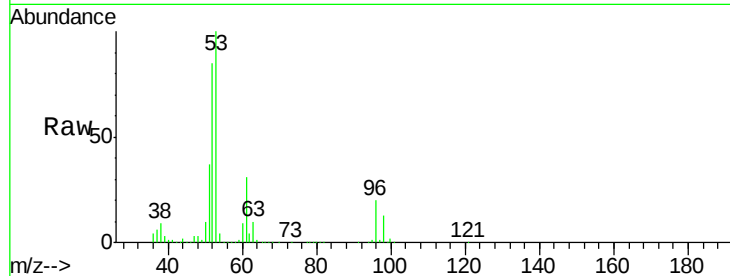
ClientSampleId :

VX0612WBSD02

Tgt Ion:	53	Resp:	149105
Ion Ratio		Lower	Upper
53	100		
52	84.0	66.7	100.1
51	37.0	29.9	44.9

Manual Integrations
APPROVED

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6/13/2018 1:59:40 PM



#16

Acetone

Concen: 109.016 ug/l

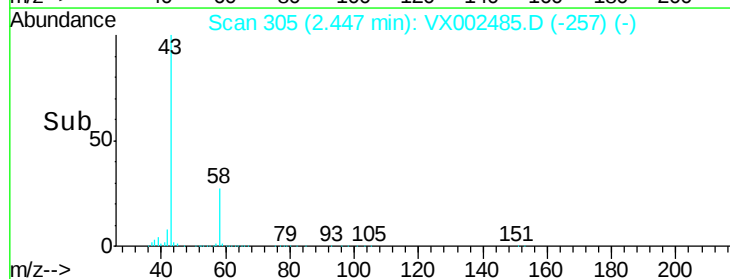
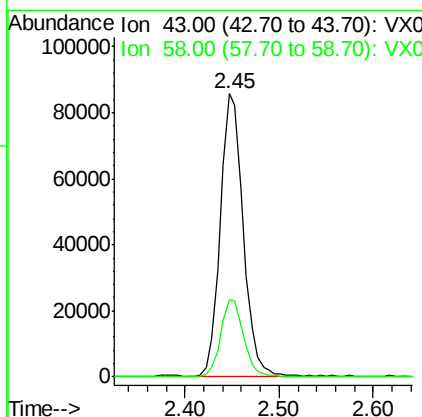
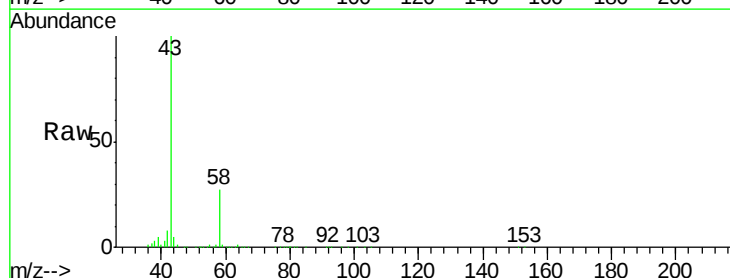
RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Tgt Ion:	43	Resp:	143691
Ion Ratio		Lower	Upper
43	100		
58	27.3	22.1	33.1





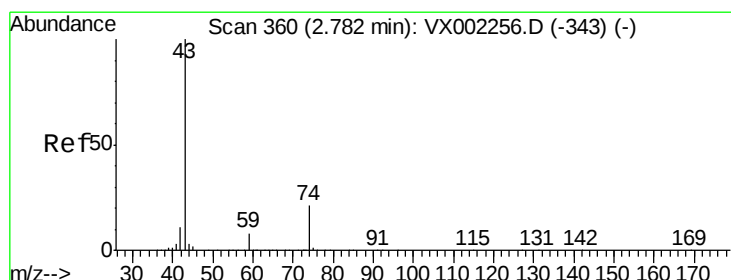
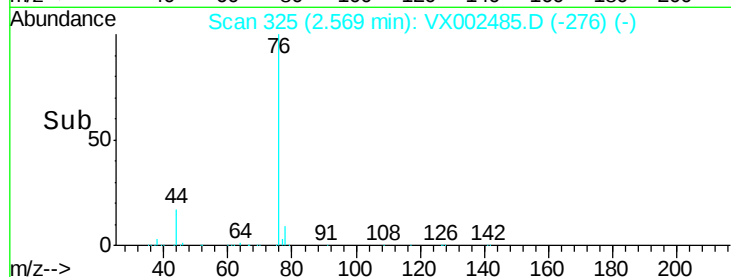
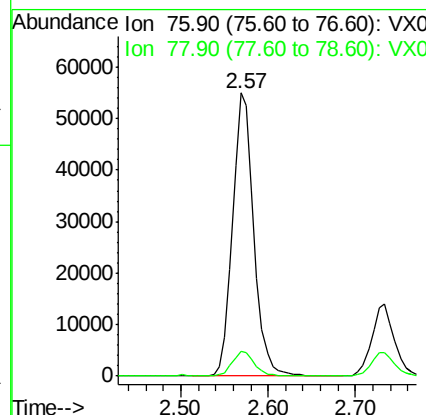
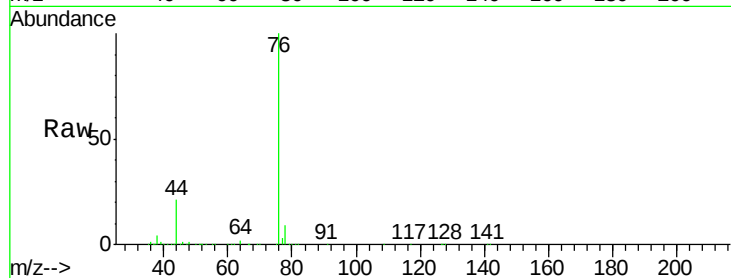
#17
Carbon Disulfide
Concen: 16.941 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.9	10.3

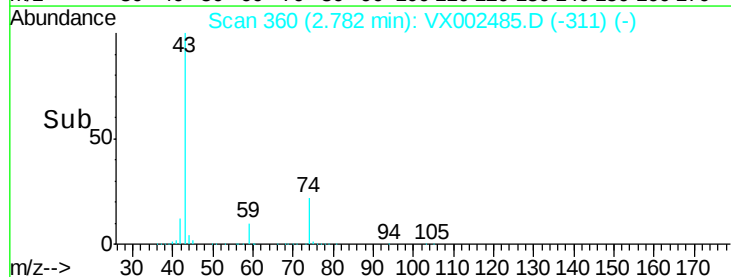
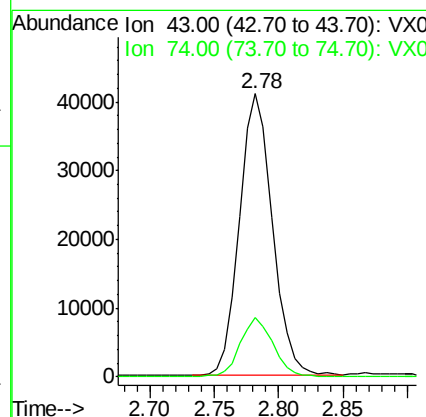
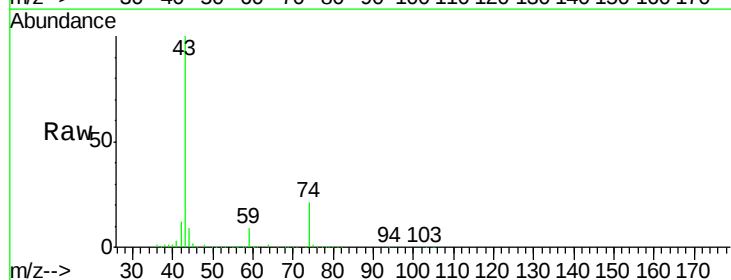
Manual Integrations
APPROVED

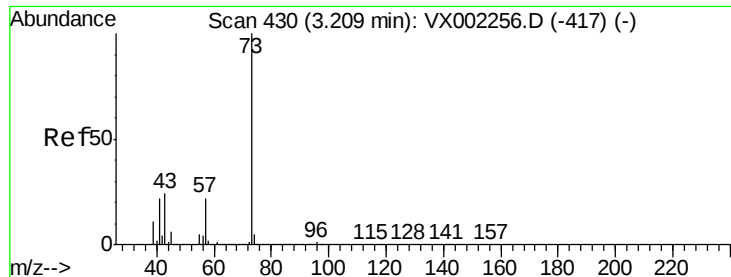
MMDadoda
6/13/2018 1:59:40 PM



#18
Methyl Acetate
Concen: 24.514 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	16.7	25.1





#19

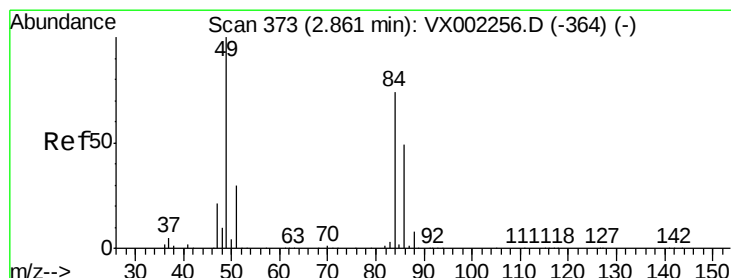
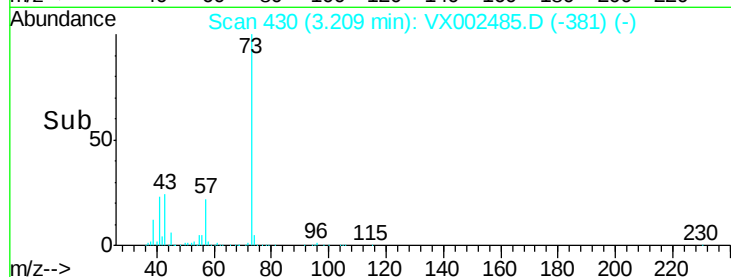
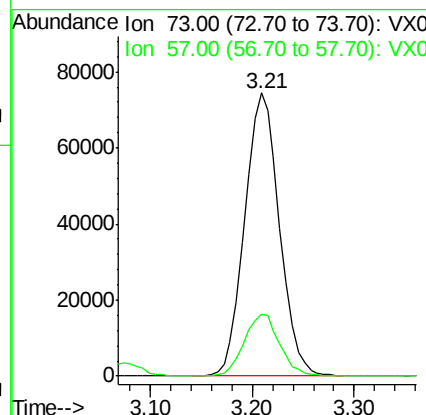
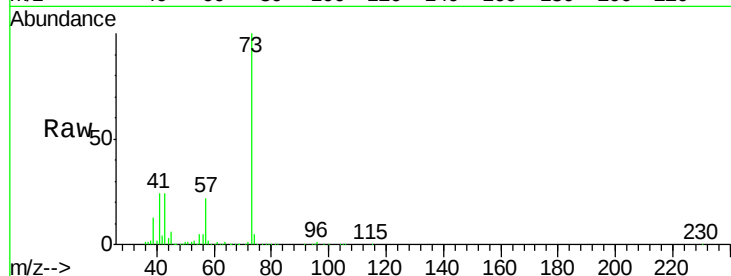
Methyl tert-butyl Ether
 Concen: 23.077 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.7	26.5

Manual Integrations
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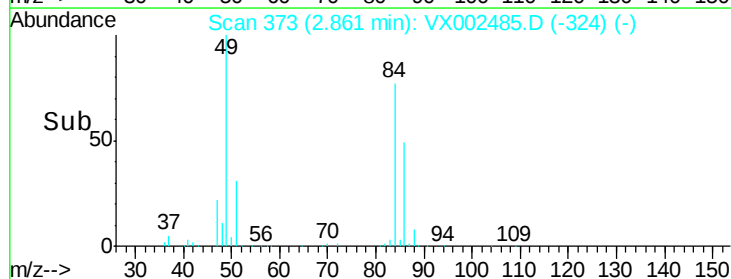
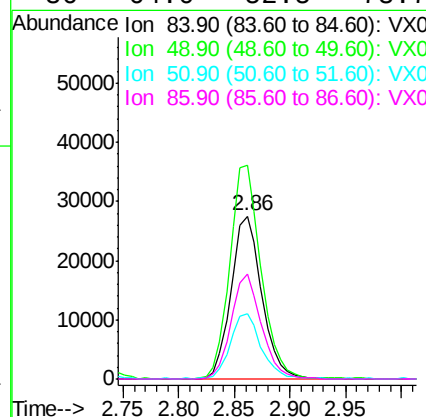
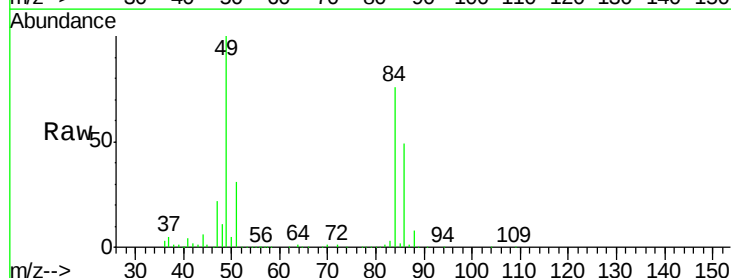
MMDadoda
 6/13/2018 1:59:40 PM

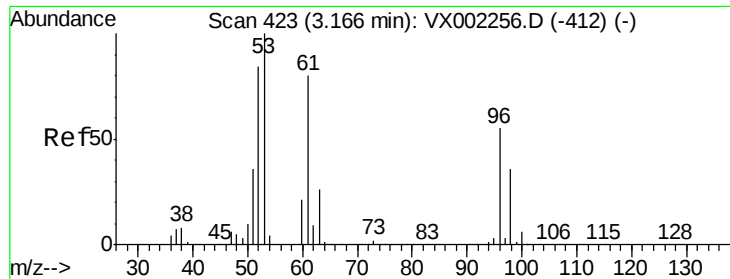


#20

Methylene Chloride
 Concen: 22.485 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.6	107.8	161.6
51	39.8	32.8	49.2
86	64.0	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 20.452 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

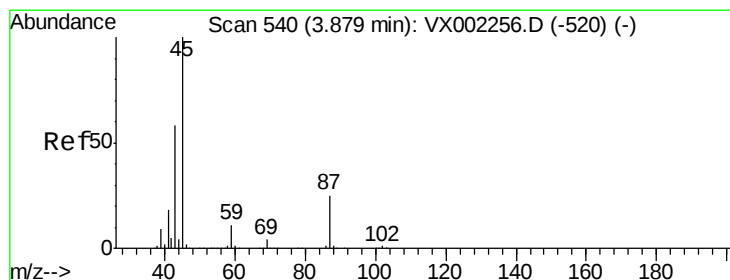
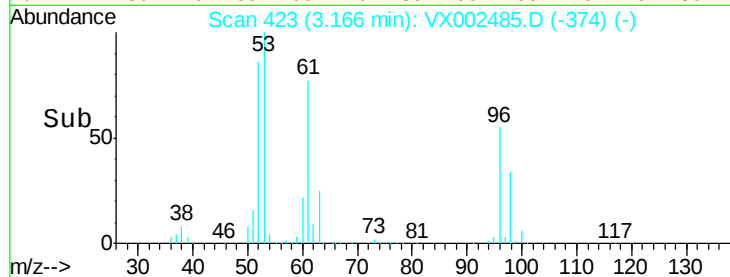
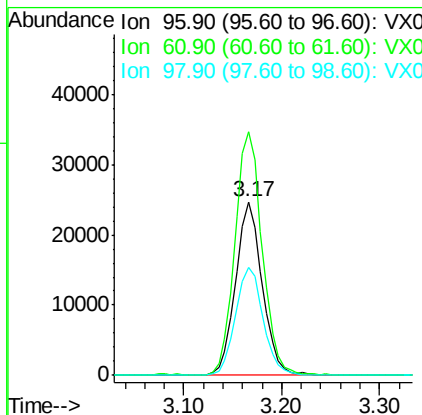
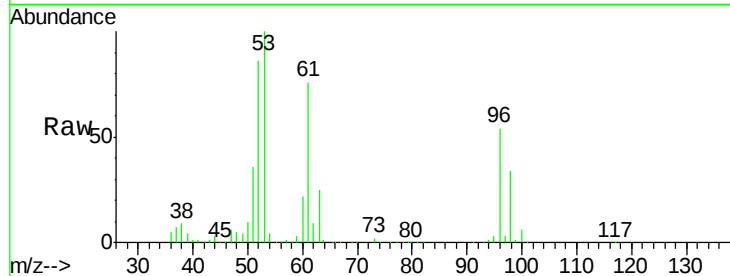
ClientSampleId :

VX0612WBSD02

Tgt Ion:	96	Resp:	46816
Ion	Ratio	Lower	Upper
96	100		
61	139.9	117.0	175.4
98	61.9	52.4	78.6

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:40 PM



#22

Diisopropyl ether

Concen: 19.953 ug/l

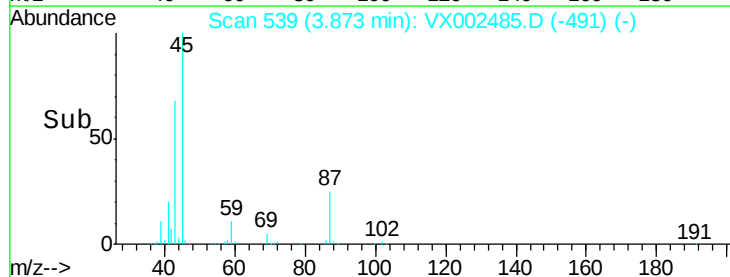
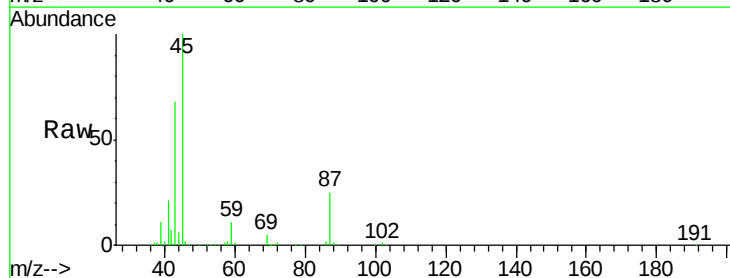
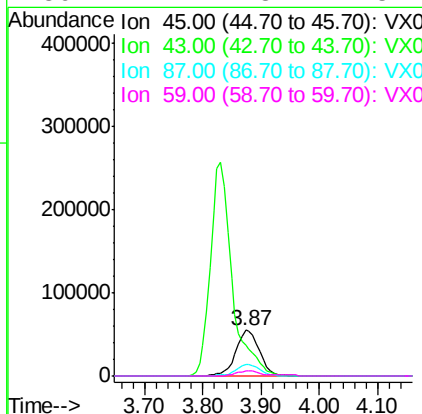
RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Tgt Ion:	45	Resp:	156878
Ion	Ratio	Lower	Upper
45	100		
43	67.8	46.8	70.2
87	25.3	20.2	30.4
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 91.113 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tgt Ion: 43 Resp: 665351

Ion Ratio Lower Upper

43 100

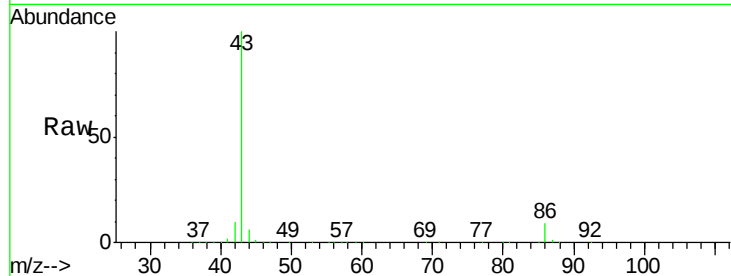
86 8.8 7.4 11.0

Manual Integrations

APPROVED

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6/13/2018 1:59:40 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

250000

200000

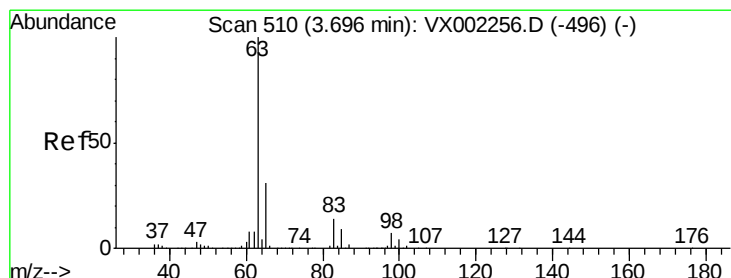
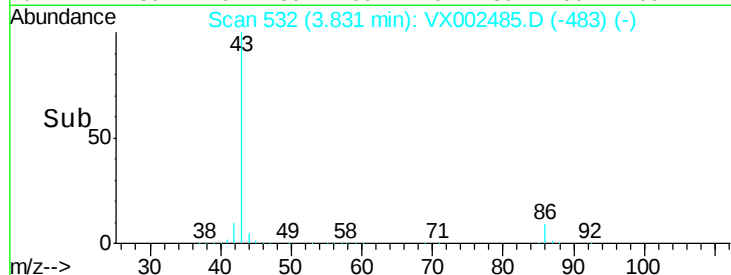
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.650 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

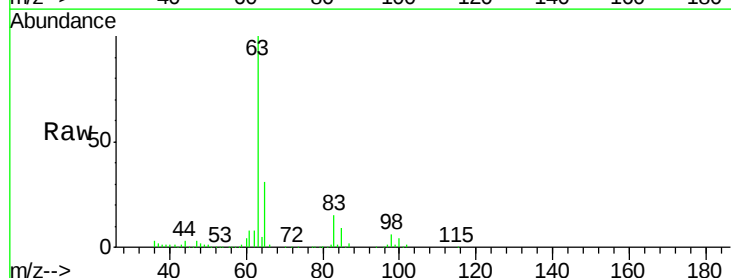
Tgt Ion: 63 Resp: 91937

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

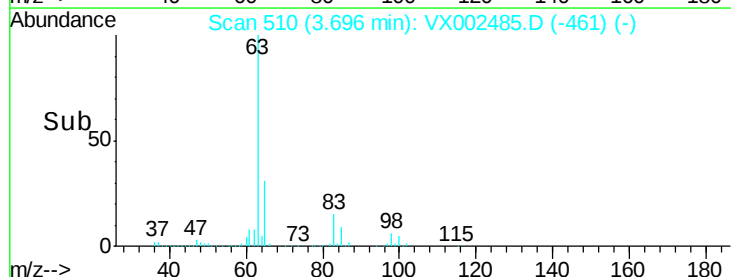
30000

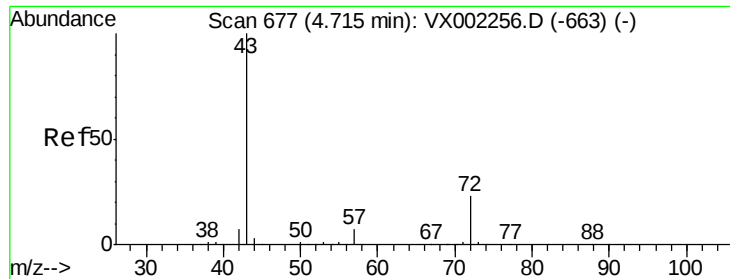
20000

10000

0

Time-->





#25

2-Butanone

Concen: 96.467 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tgt Ion: 43 Resp: 184425

Ion Ratio Lower Upper

43 100

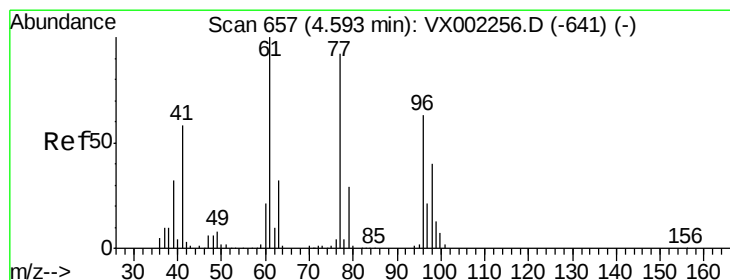
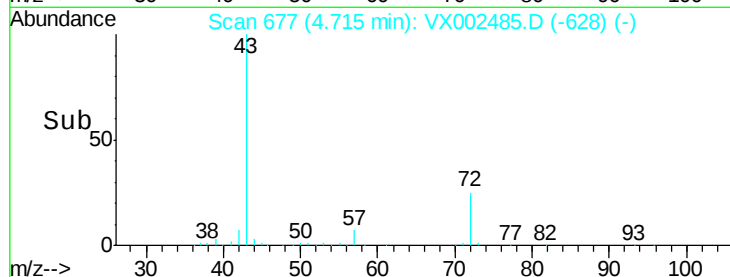
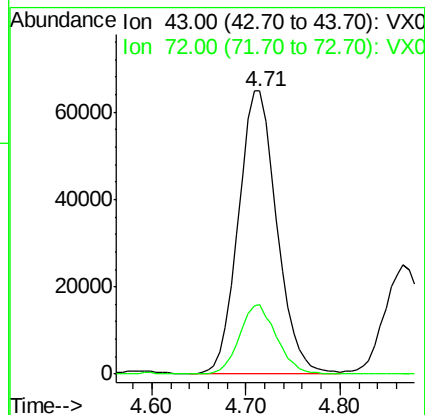
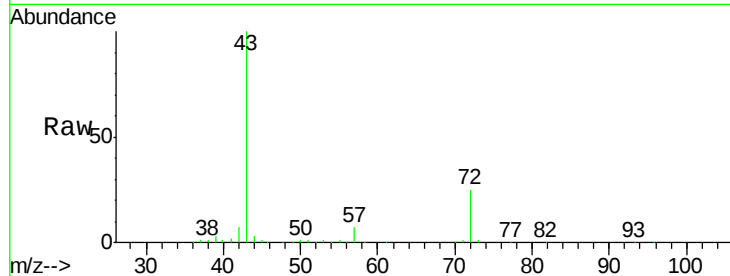
72 24.7 18.5 27.7

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:40 PM



#26

2,2-Dichloropropane

Concen: 13.560 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002485.D

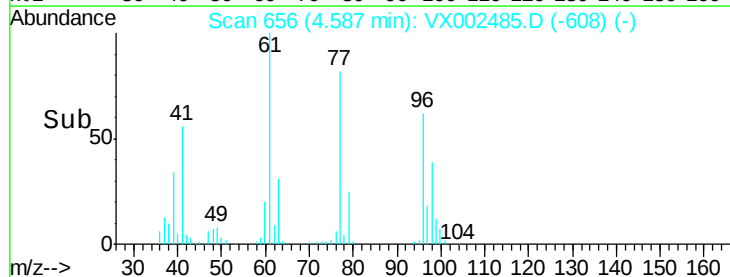
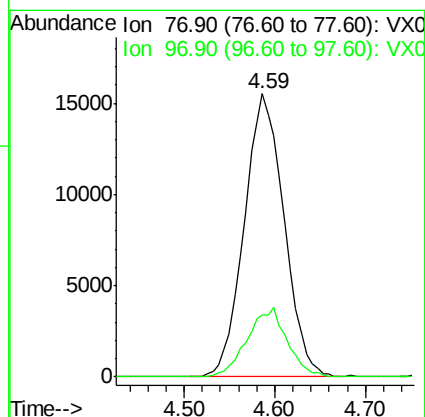
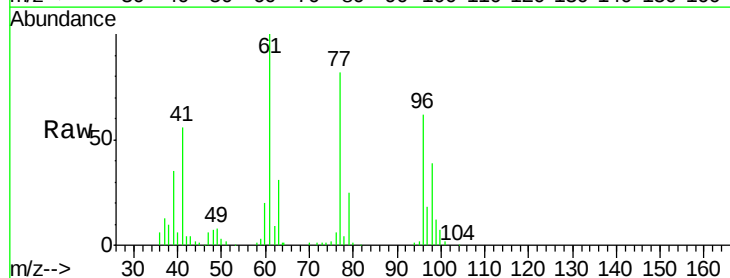
Acq: 13 Jun 2018 00:24

Tgt Ion: 77 Resp: 47193

Ion Ratio Lower Upper

77 100

97 24.3 11.2 33.5





#27

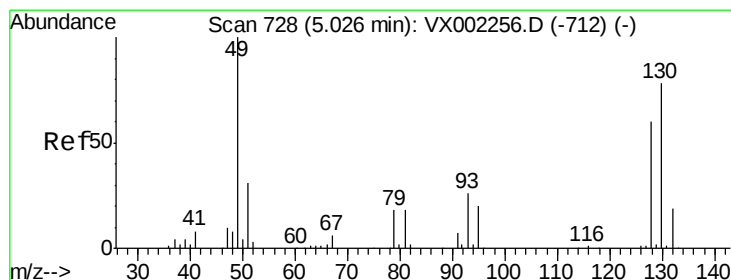
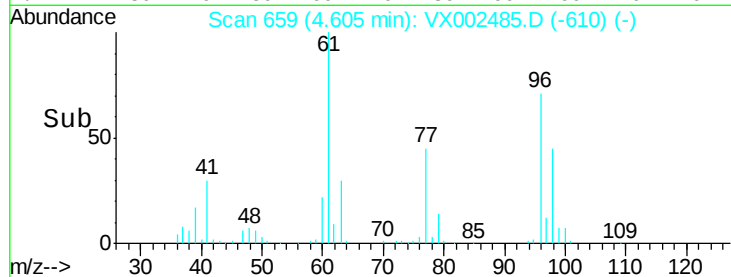
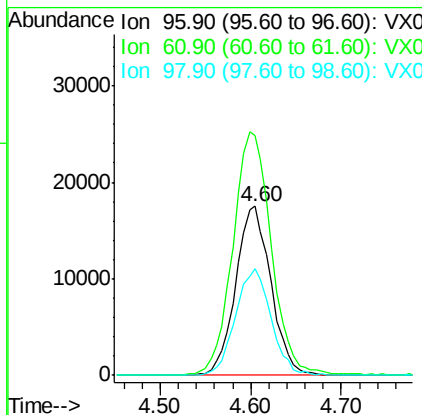
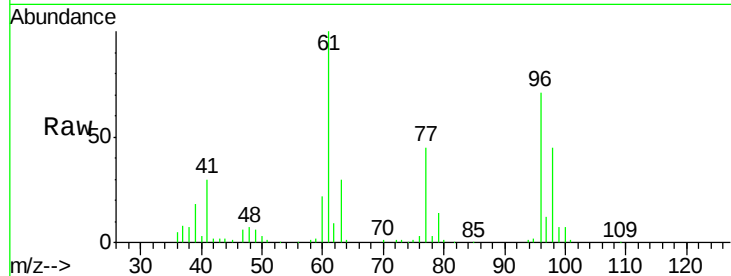
cis-1,2-Dichloroethene
Concen: 18.921 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	0.0	330.2
98	63.8	0.0	130.2

Manual Integrations
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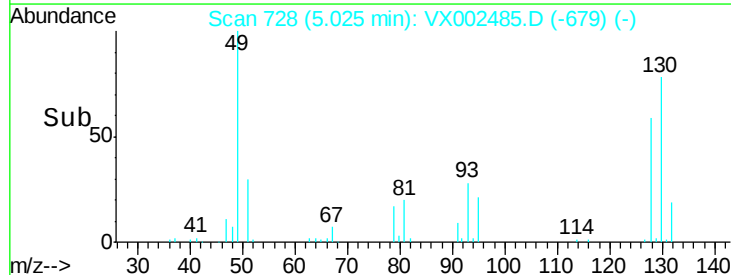
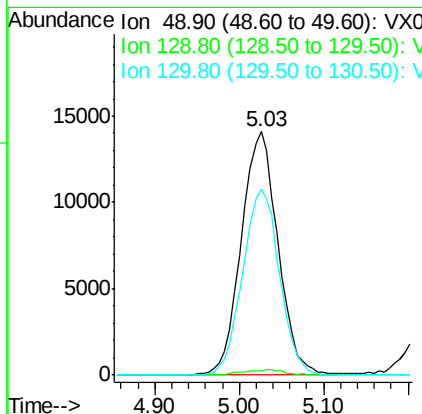
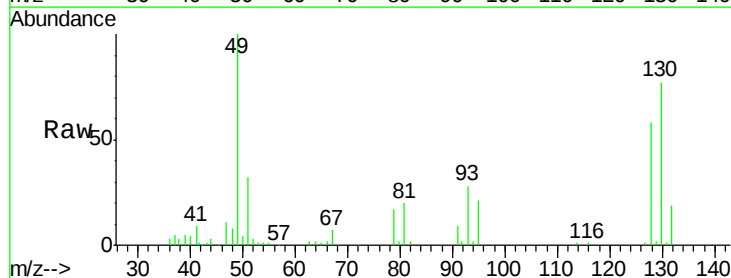
MMDadoda
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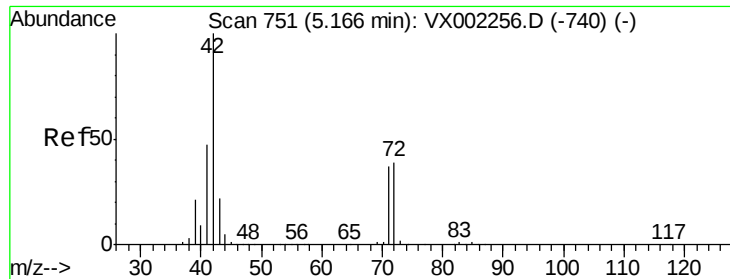


#28

Bromochloromethane
Concen: 19.802 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	76.7	61.2	91.8





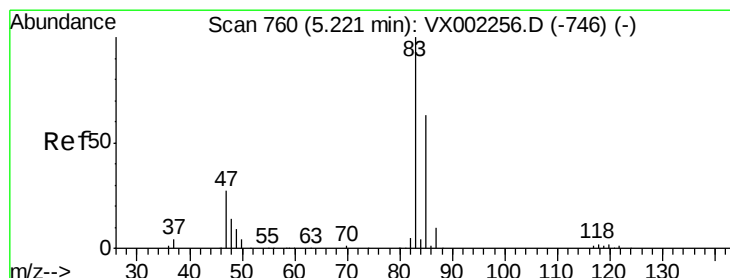
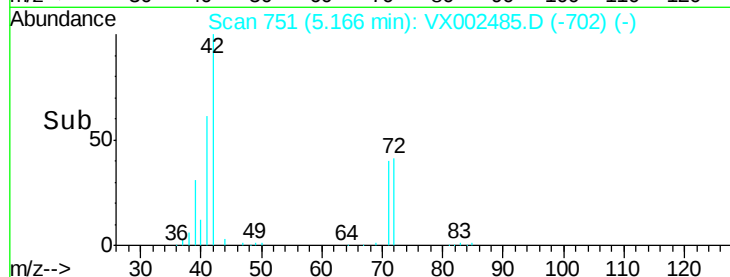
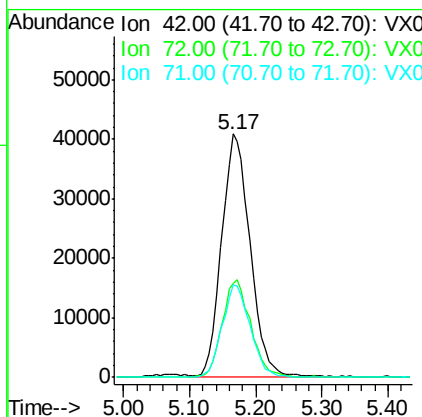
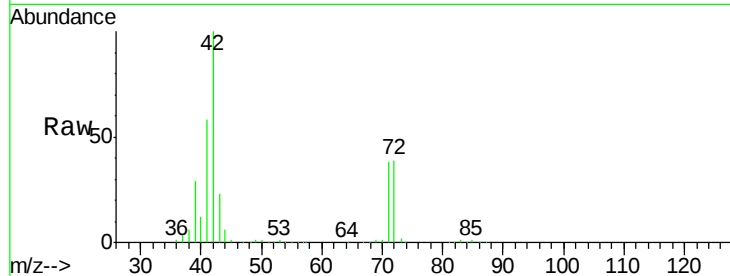
#29
Tetrahydrofuran
Concen: 98.560 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.0	48.0
71	37.8	30.1	45.1

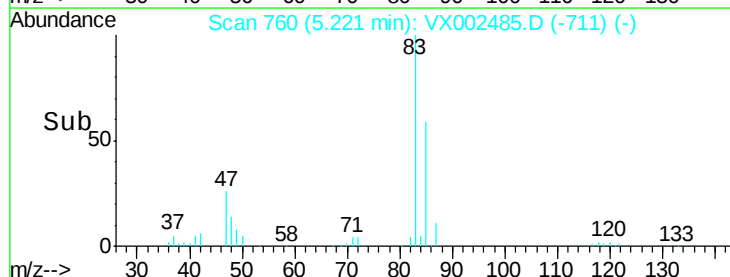
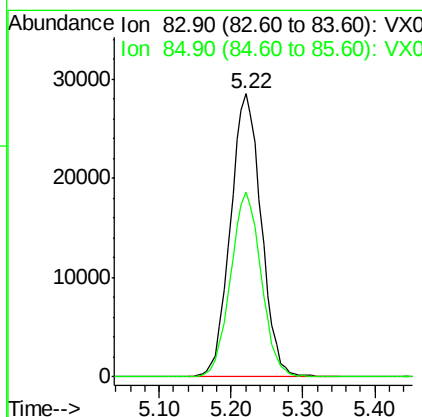
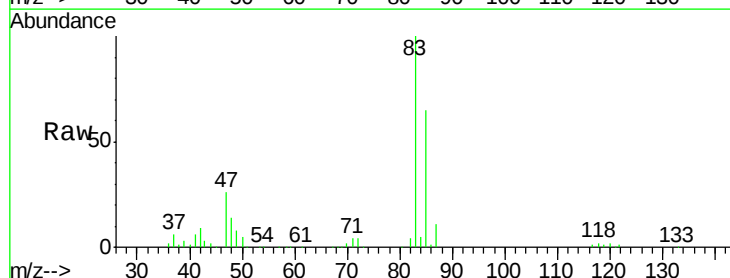
Manual Integrations
APPROVED

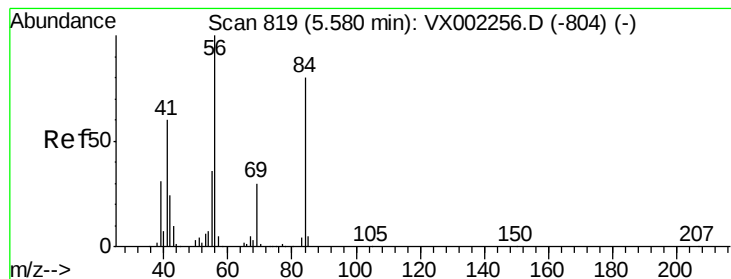
MMDadoda
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#30
Chloroform
Concen: 19.681 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.4	75.6





#31

Cyclohexane

Concen: 18.986 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

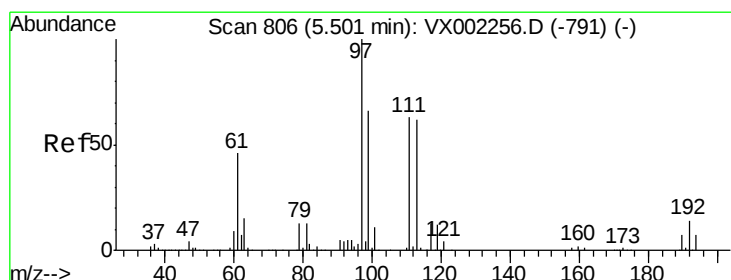
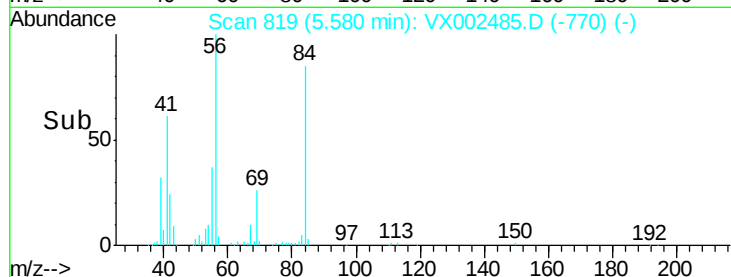
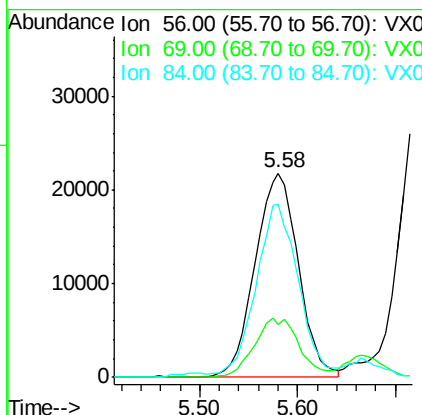
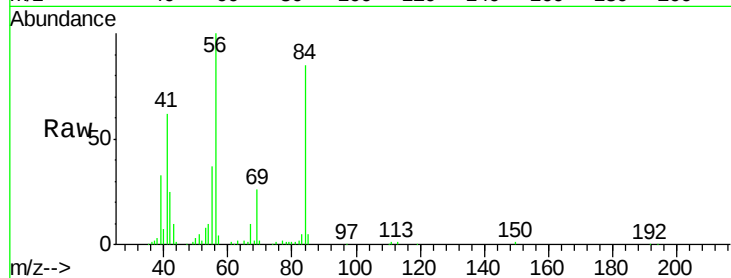
ClientSampleId :

VX0612WBSD02

Tgt Ion:	56	Resp:	66842
Ion	Ratio	Lower	Upper
56	100		
69	26.1	23.7	35.5
84	82.8	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.215 ug/l

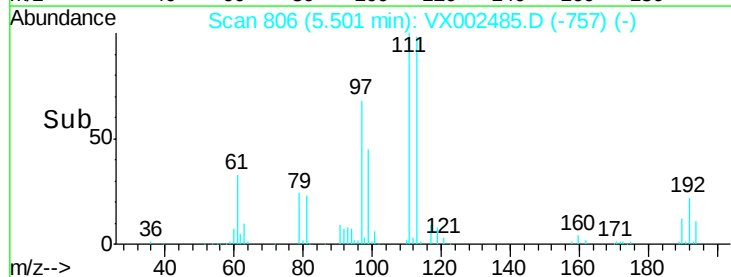
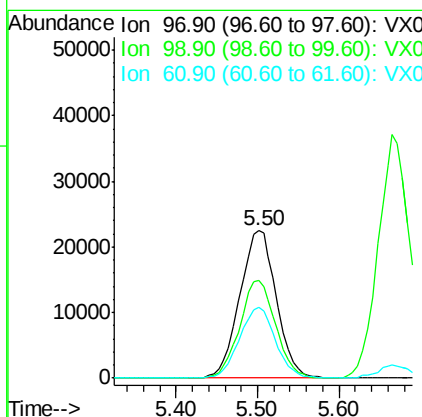
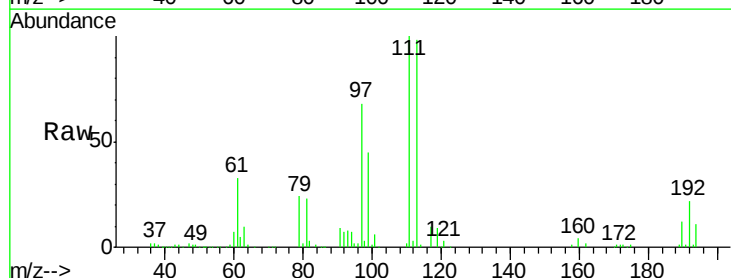
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Tgt Ion:	97	Resp:	70010
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	47.4	36.4	54.6





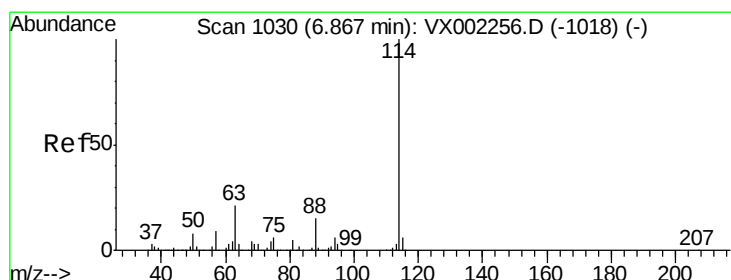
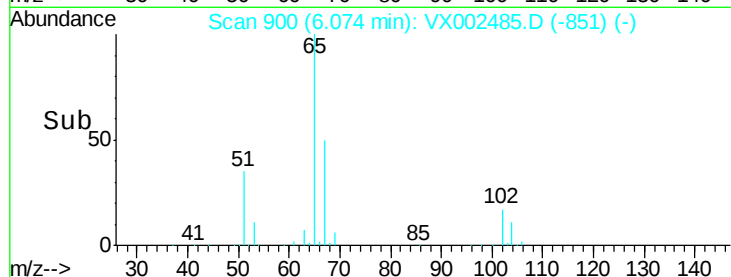
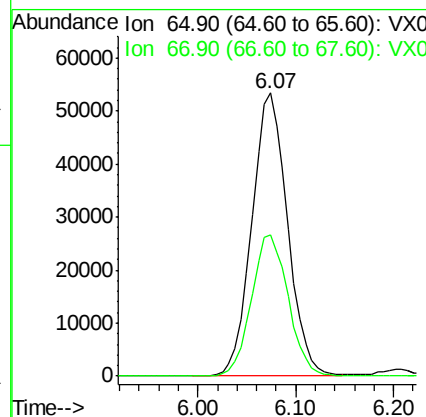
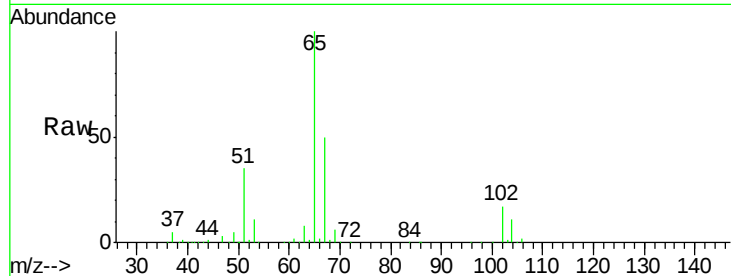
#33
 1,2-Dichloroethane-d4
 Concen: 48.611 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	135808		
67	51.4	0.0	102.6	

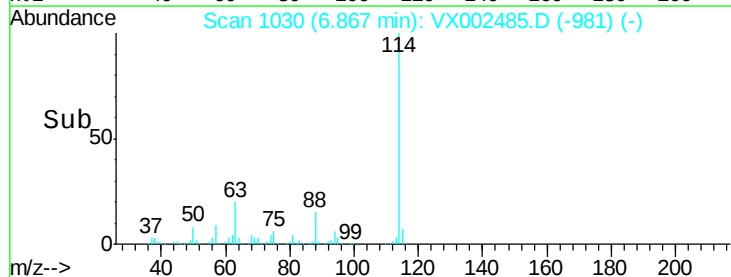
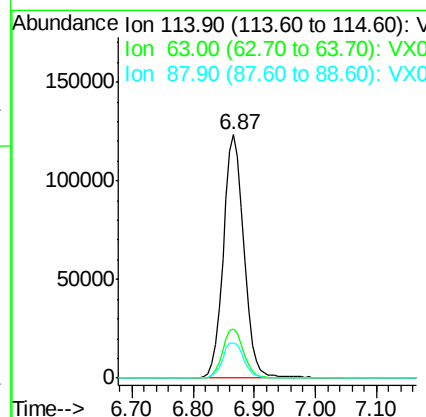
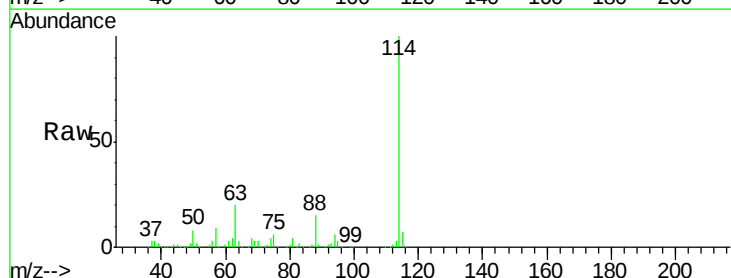
Manual Integrations
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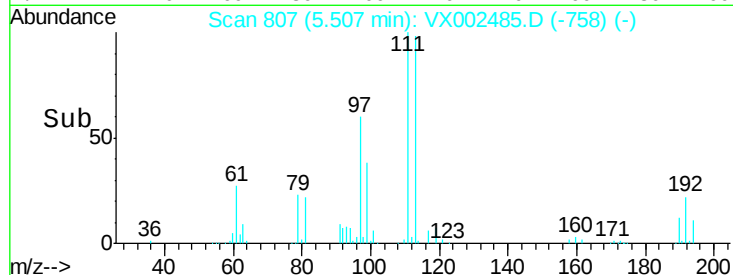
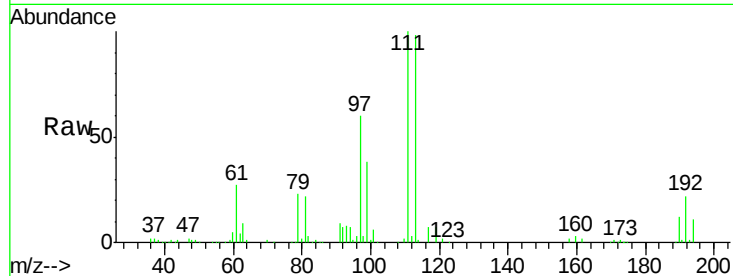
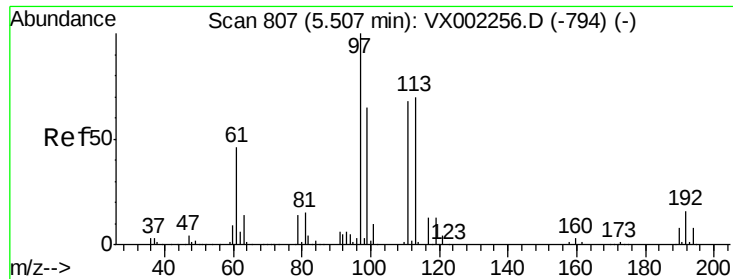
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	290030		
63	20.1	0.0	41.4	
88	14.6	0.0	30.0	





#35

Dibromofluoromethane

Concen: 44.985 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002485.D

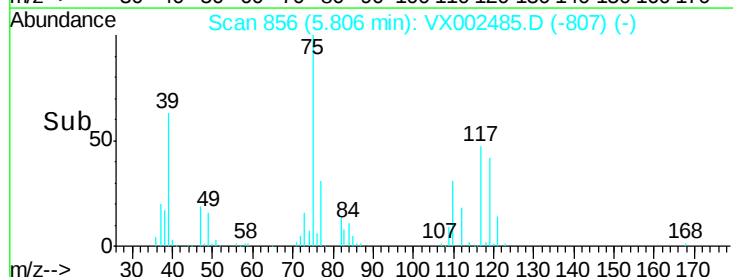
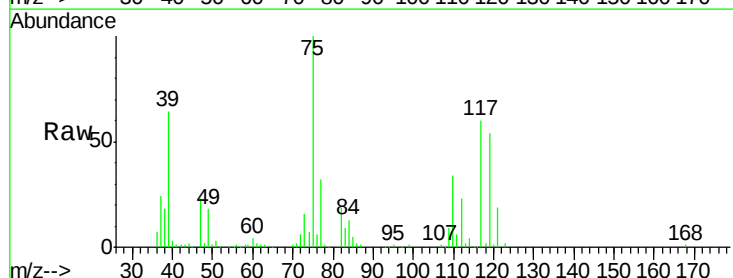
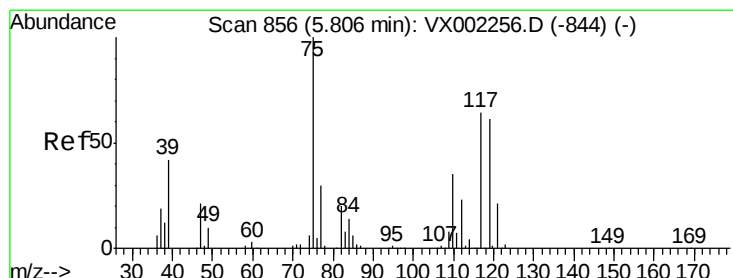
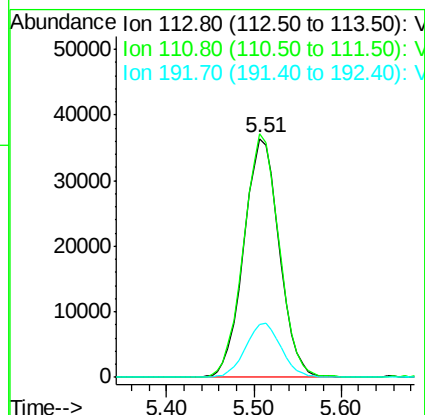
Acq: 13 Jun 2018 00:24

Tgt Ion:	113	Resp:	102603
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.4	122.0
192	22.8	19.1	28.7

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

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#36

1,1-Dichloropropene

Concen: 18.684 ug/l

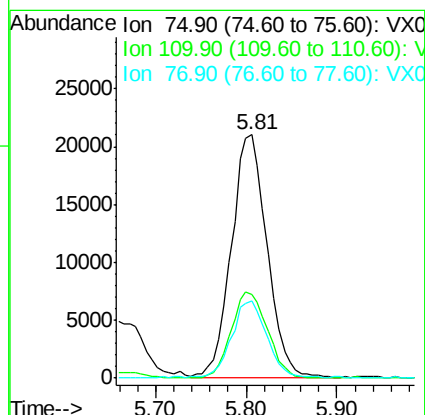
RT: 5.81 min Scan# 856

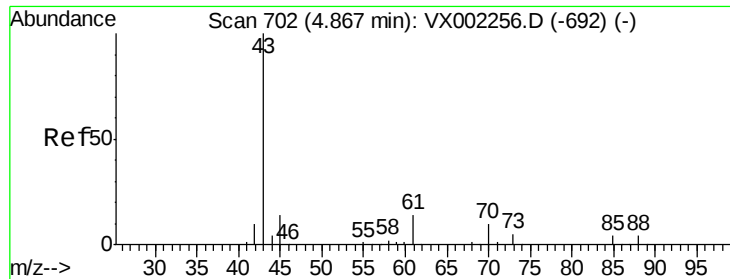
Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Tgt Ion:	75	Resp:	56967
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.4
77	32.0	24.3	36.5





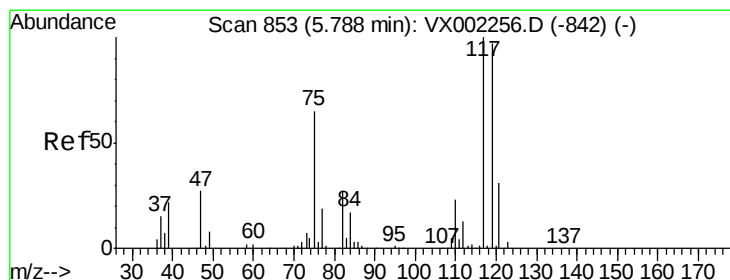
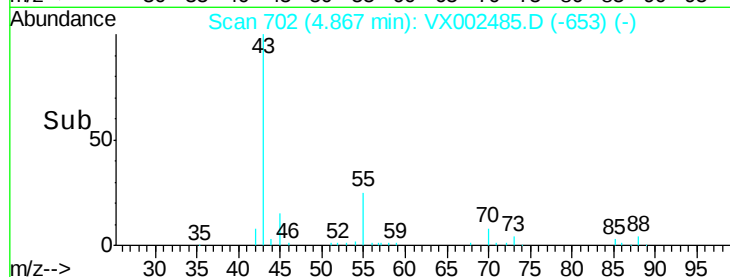
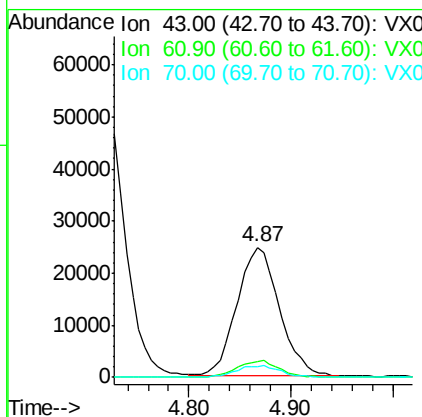
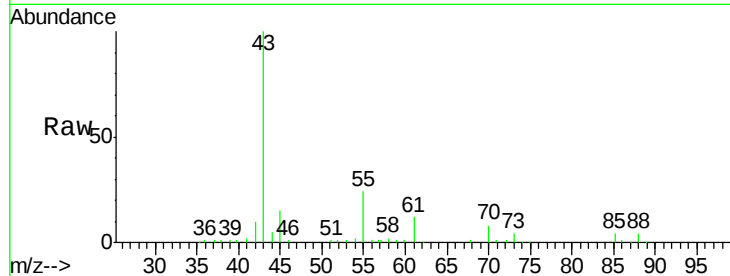
#37
Ethyl Acetate
Concen: 19.473 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion: 43 Resp: 71404
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 9.4 7.6 11.4

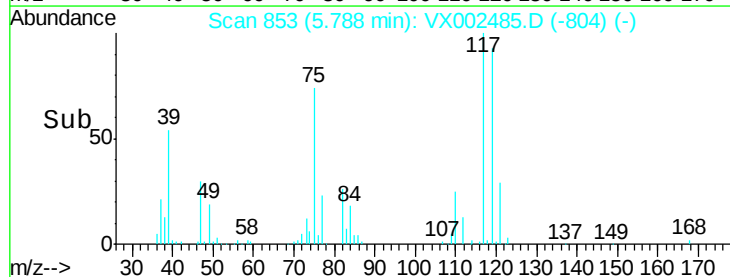
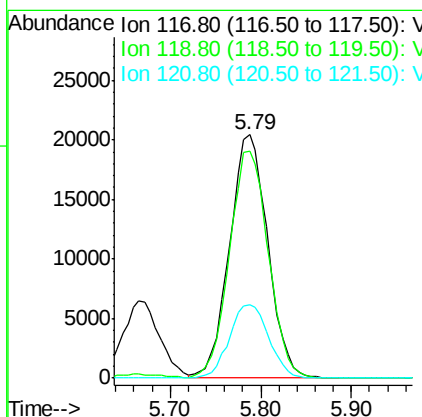
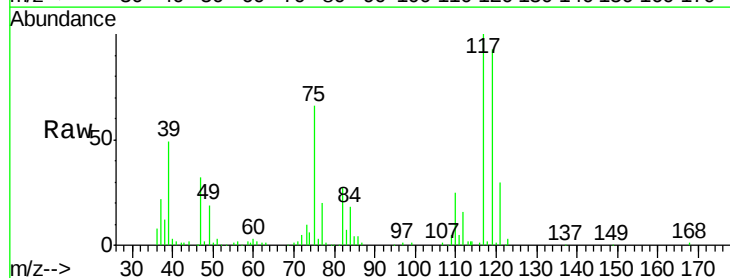
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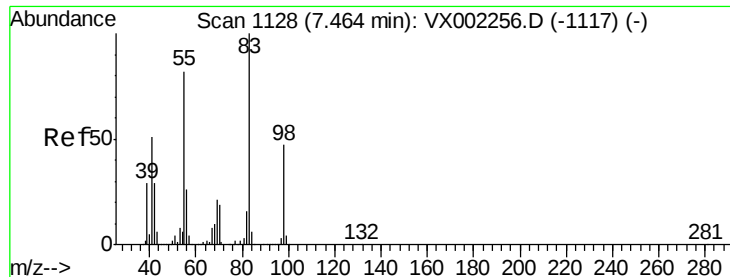
MMDadoda
6/13/2018 1:59:40 PM



#38
Carbon Tetrachloride
Concen: 18.767 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 117 Resp: 59863
Ion Ratio Lower Upper
117 100
119 93.1 77.4 116.0
121 30.3 24.4 36.6





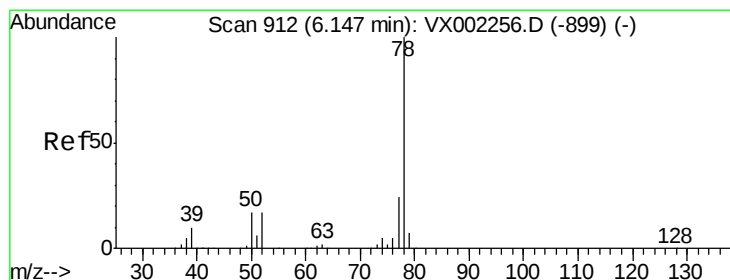
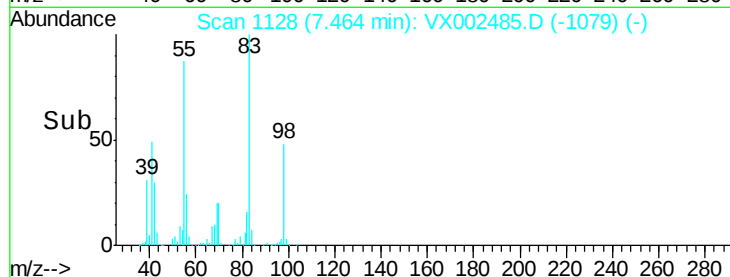
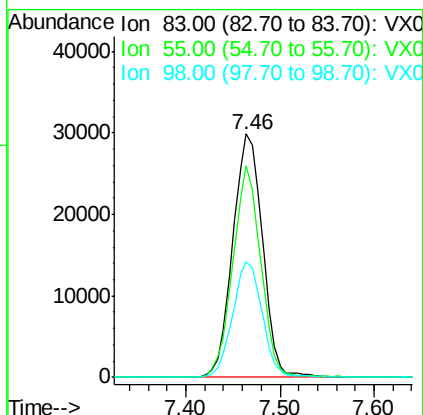
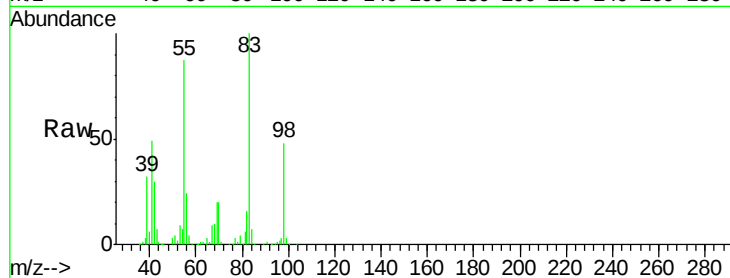
#39
Methylcyclohexane
Concen: 17.640 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.9	65.4	98.0
98	47.7	37.4	56.0

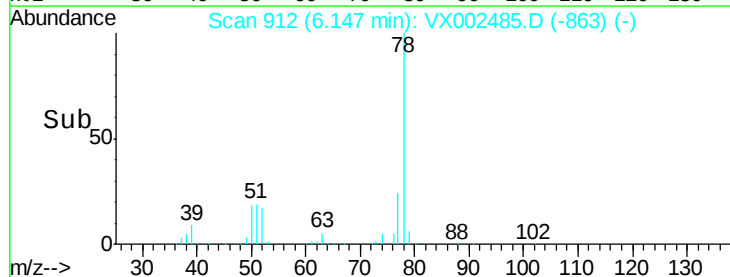
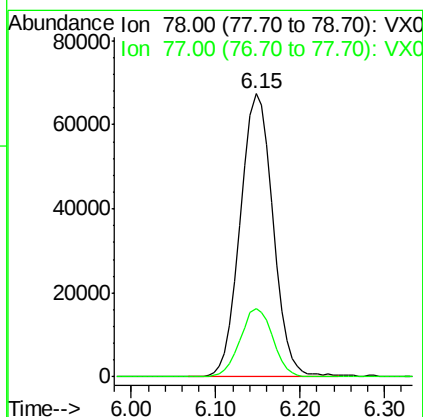
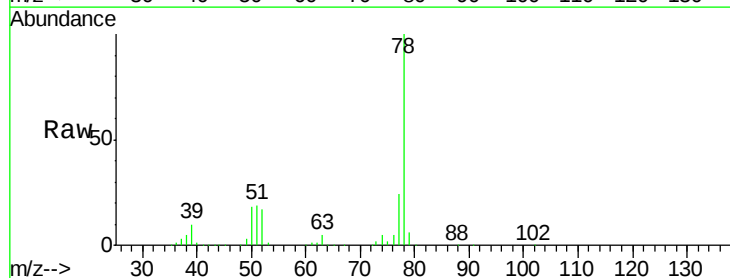
Manual Integrations
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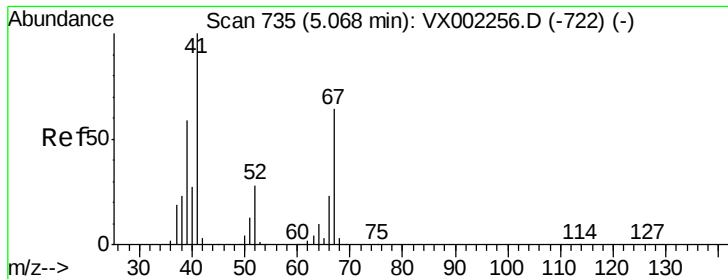
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#40
Benzene
Concen: 18.988 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





#41

Methacrylonitrile

Concen: 19.631 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

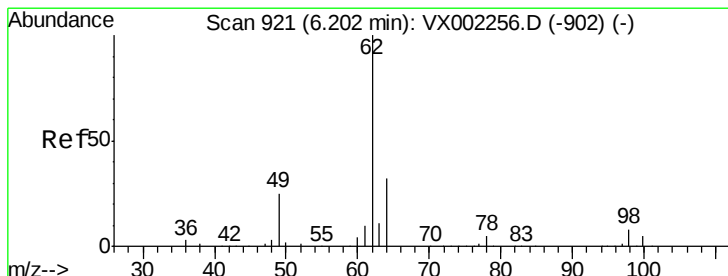
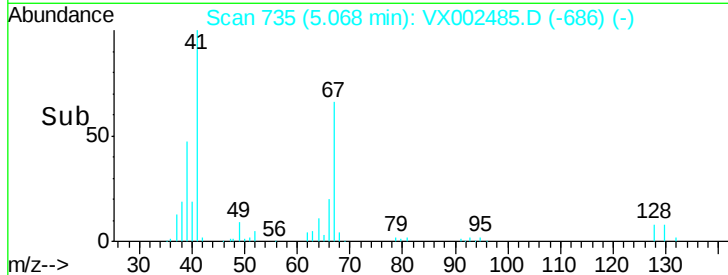
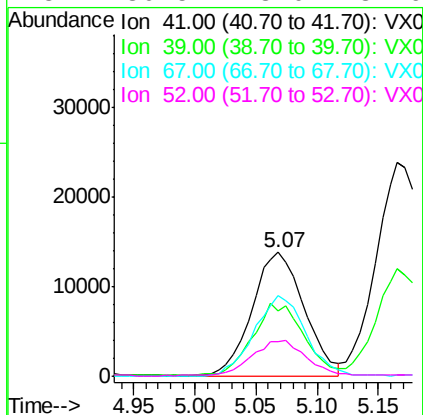
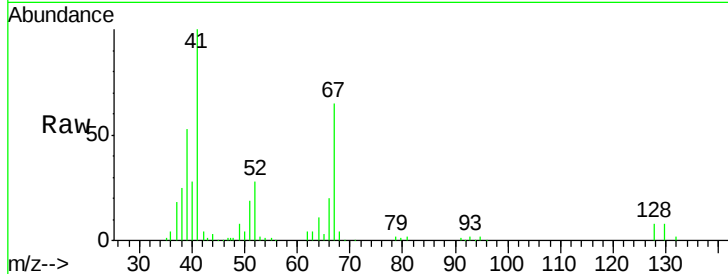
ClientSampleId :

VX0612WBSD02

Tgt Ion:	41	Resp:	41208
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.8	68.6
67	64.6	51.3	76.9
52	30.5	23.0	34.6

Manual Integrations
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6/13/2018 1:59:40 PM



#42

1,2-Dichloroethane

Concen: 19.620 ug/l

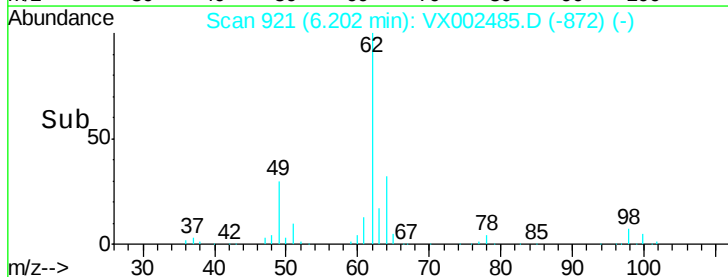
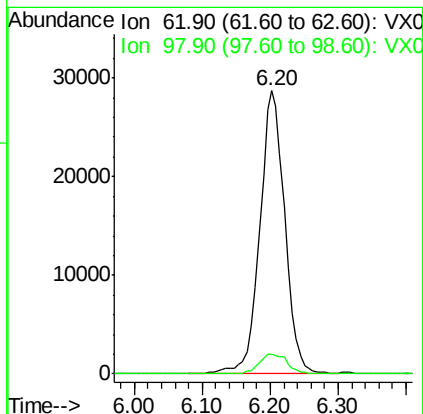
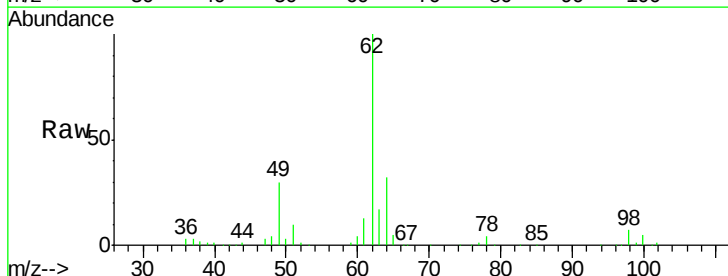
RT: 6.20 min Scan# 921

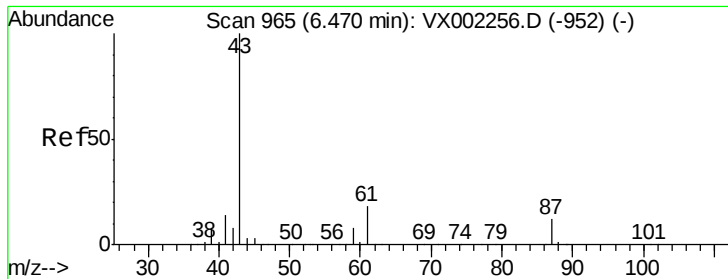
Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Tgt Ion:	62	Resp:	72877
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.697 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

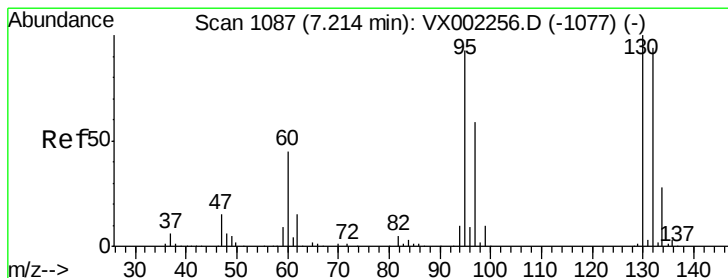
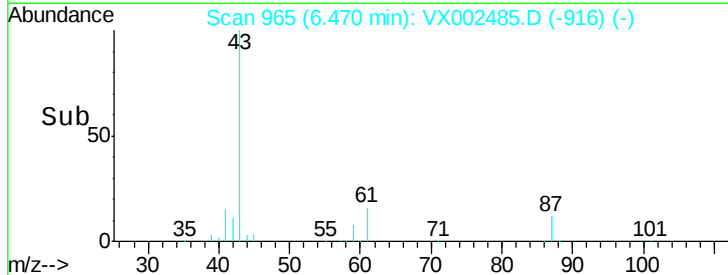
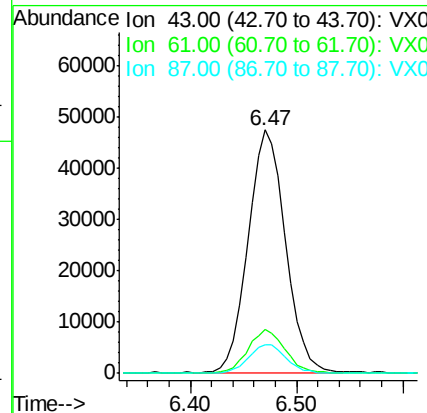
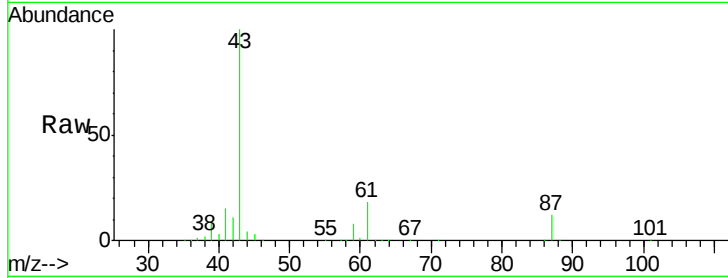
ClientSampleId :

VX0612WBSD02

Tgt Ion:	43	Resp:	116450
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	11.9	9.5	14.3

Manual Integrations
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6/13/2018 1:59:40 PM



#44

Trichloroethene

Concen: 19.155 ug/l

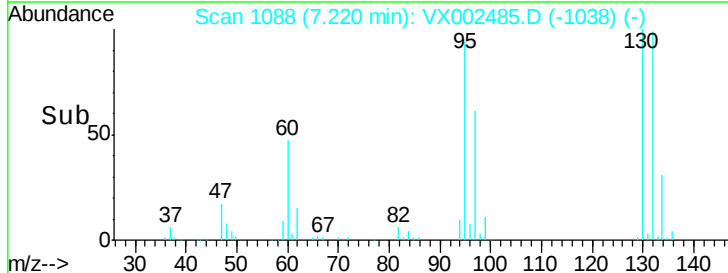
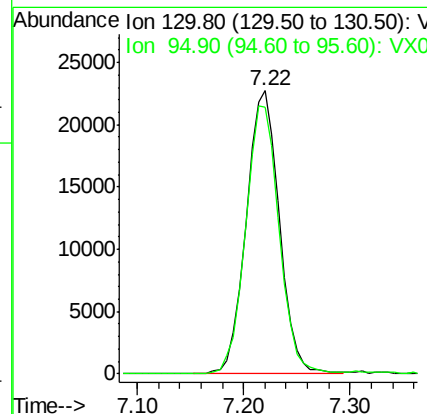
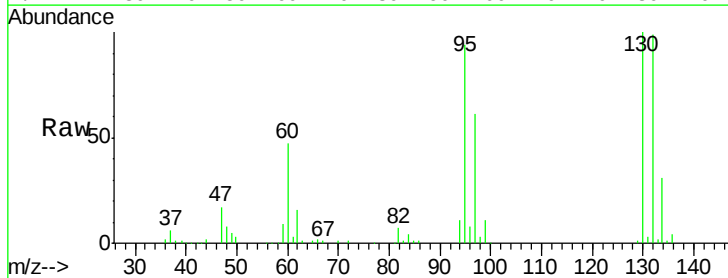
RT: 7.22 min Scan# 1088

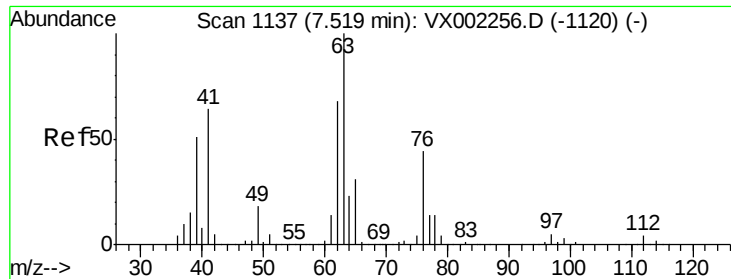
Delta R.T. 0.01 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Tgt Ion:	130	Resp:	49702
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	185.4





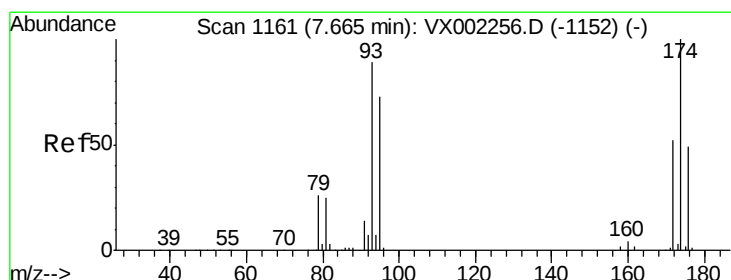
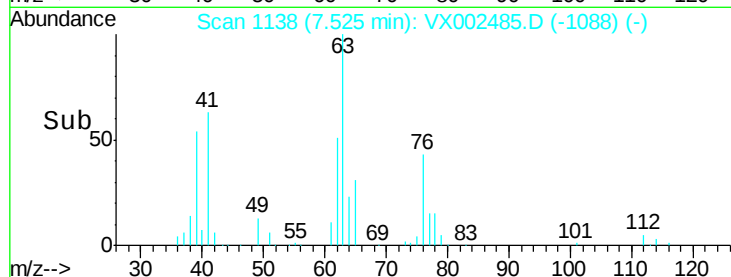
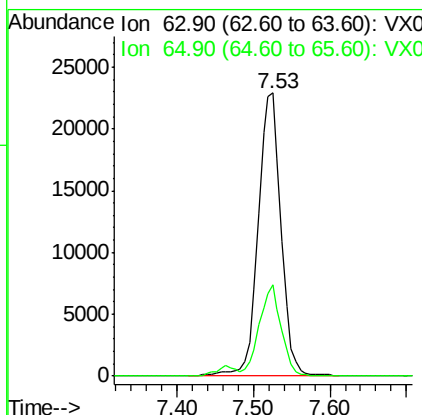
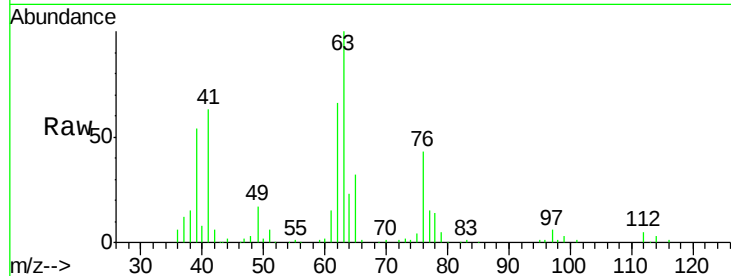
#45
 1,2-Dichloropropane
 Concen: 18.995 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tgt Ion: 63 Resp: 47940
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.7 37.1

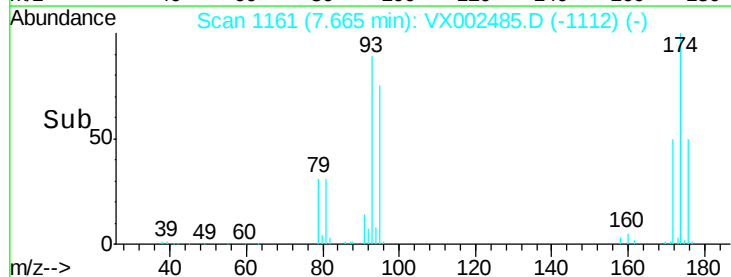
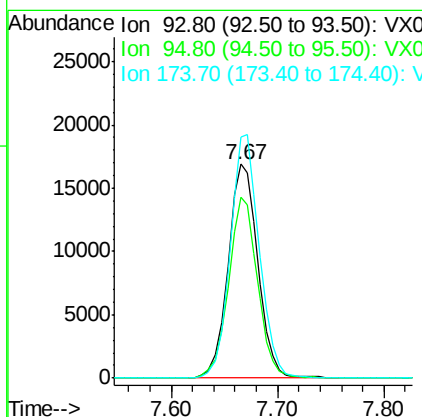
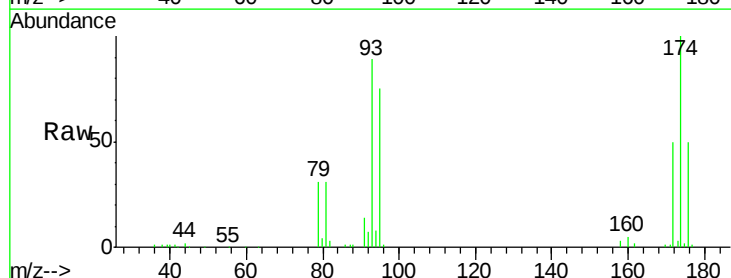
Manual Integrations
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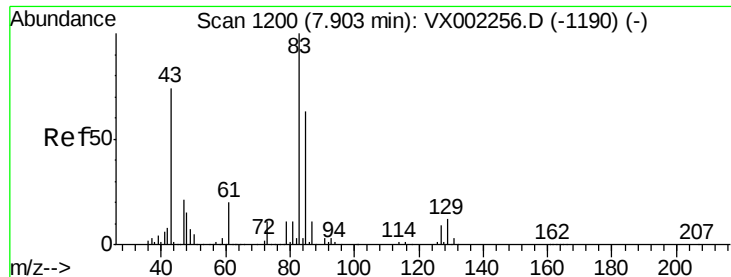
MMDadoda
 6/13/2018 1:59:40 PM



#46
 Dibromomethane
 Concen: 19.298 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion: 93 Resp: 33018
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.9 98.9
 174 111.4 92.4 138.6





#47

Bromodichloromethane

Concen: 18.235 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

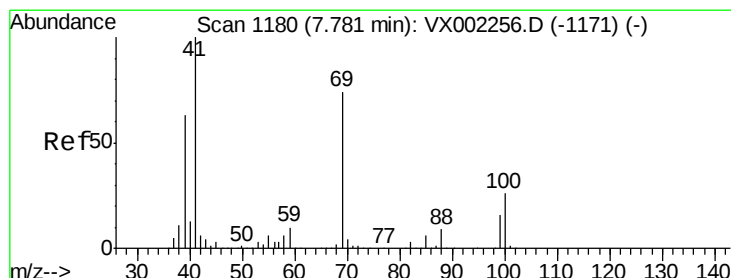
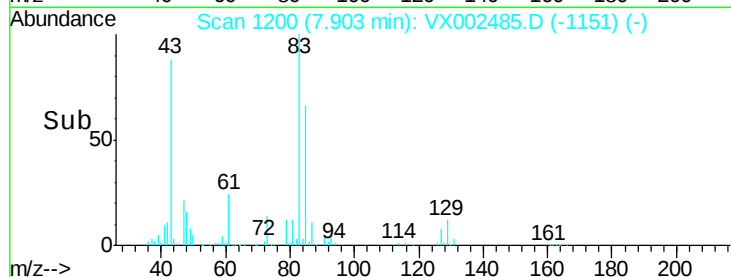
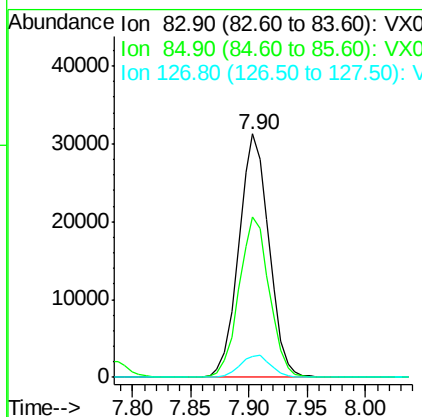
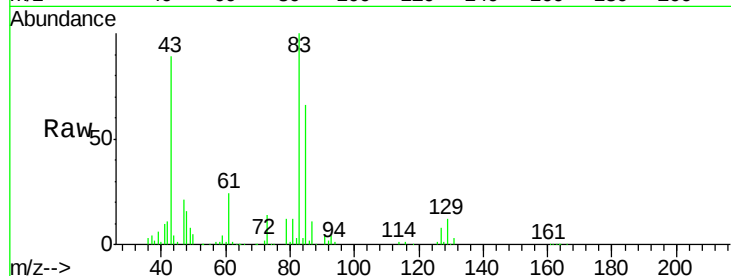
ClientSampleId :

VX0612WBSD02

Tgt Ion:	83	Resp:	56425
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.3	75.5
127	8.4	7.0	10.4

Manual Integrations
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MMDadoda
6/13/2018 1:59:40 PM



#48

Methyl methacrylate

Concen: 19.015 ug/l

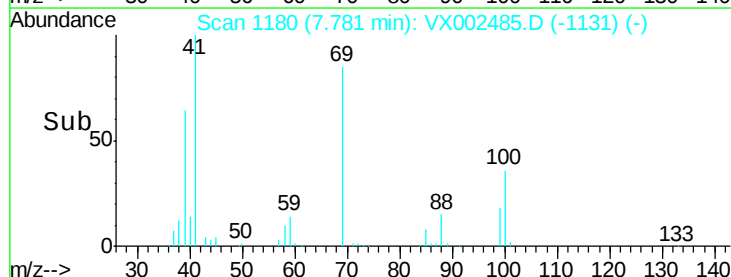
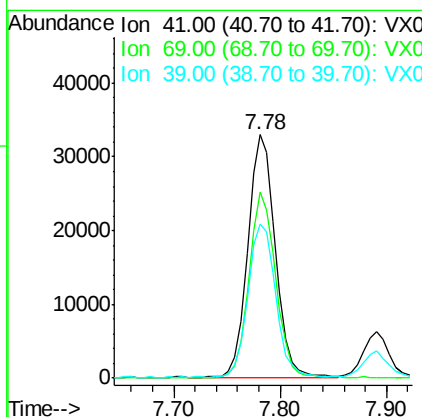
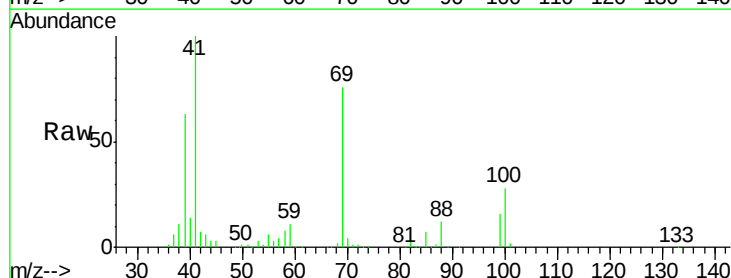
RT: 7.78 min Scan# 1180

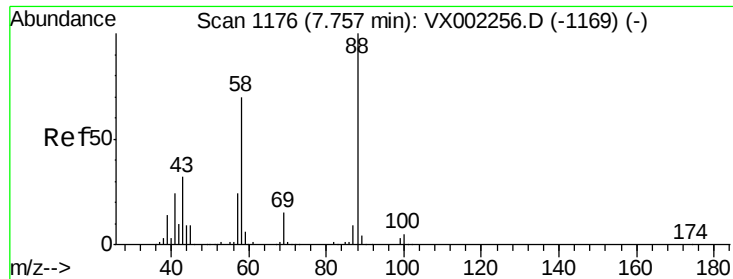
Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Tgt Ion:	41	Resp:	59489
Ion	Ratio	Lower	Upper
41	100		
69	75.3	59.1	88.7
39	63.7	48.9	73.3





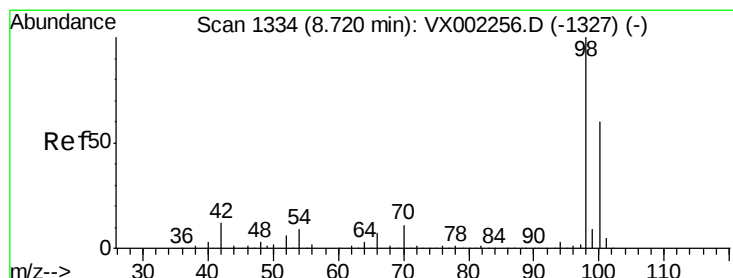
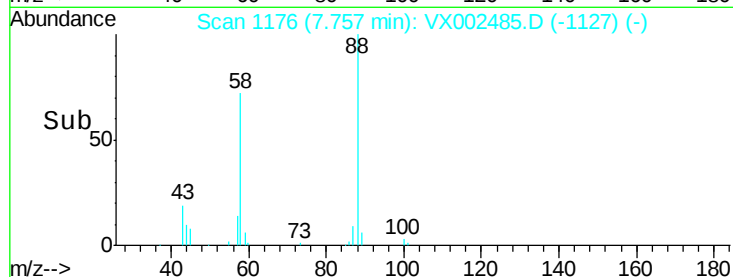
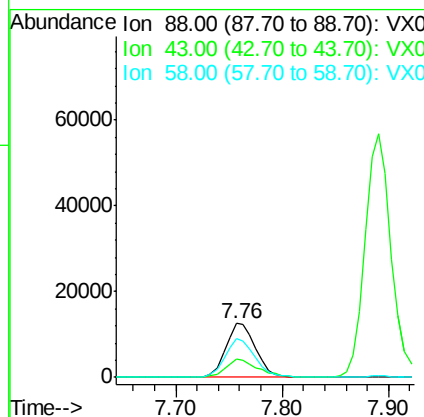
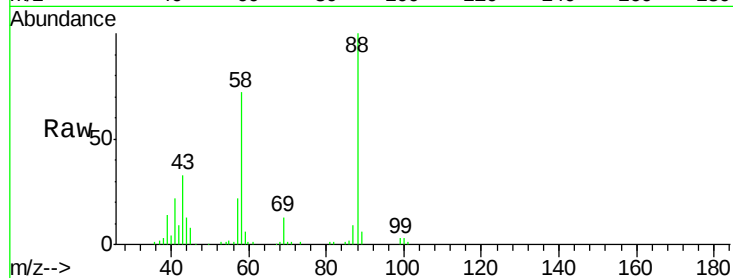
#49
1,4-Dioxane
Concen: 420.877 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.7	29.8	44.6
58	73.0	57.1	85.7

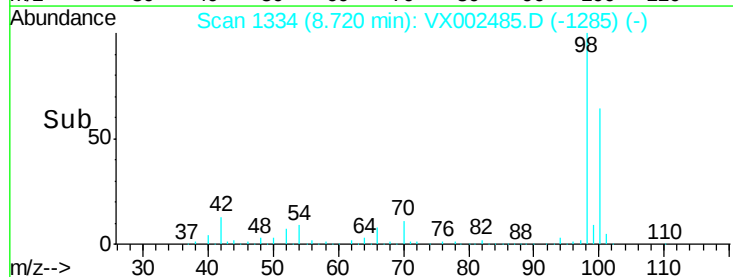
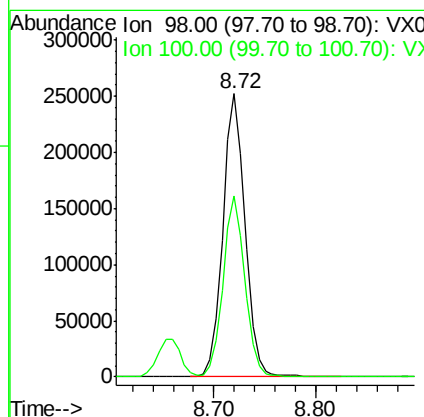
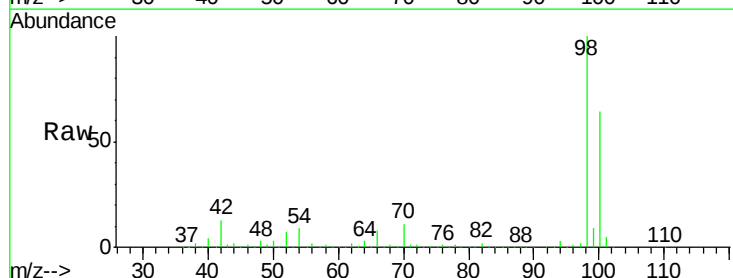
Manual Integrations
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#50
Toluene-d8
Concen: 43.680 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 102.187 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tgt Ion: 43 Resp: 396336

Ion Ratio Lower Upper

43 100

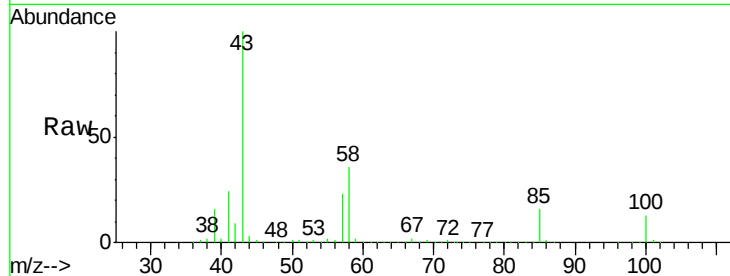
58 35.3 28.6 42.8

Manual Integrations

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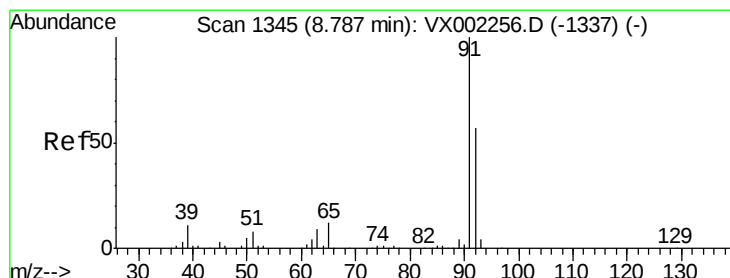
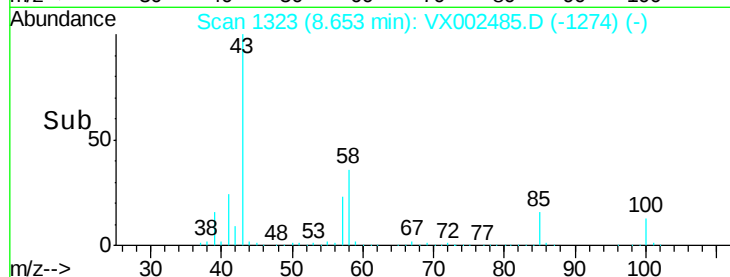
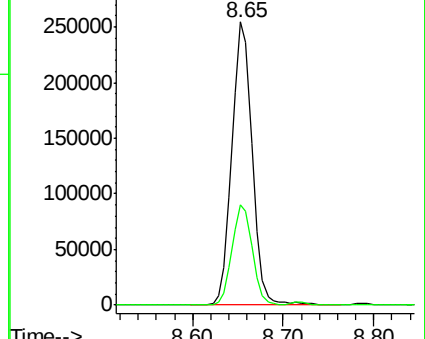
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.238 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002485.D

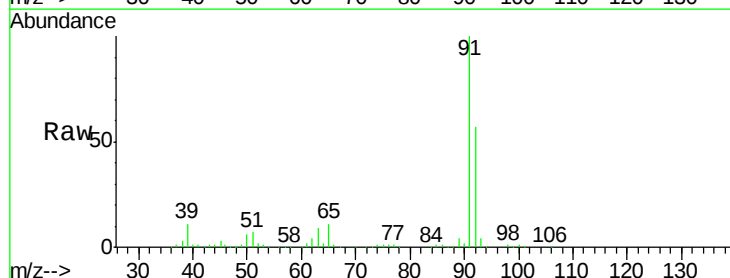
Acq: 13 Jun 2018 00:24

Tgt Ion: 92 Resp: 114389

Ion Ratio Lower Upper

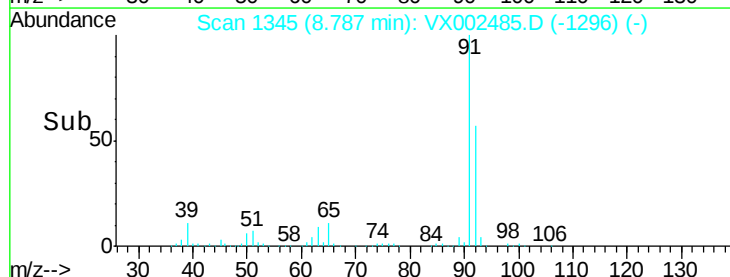
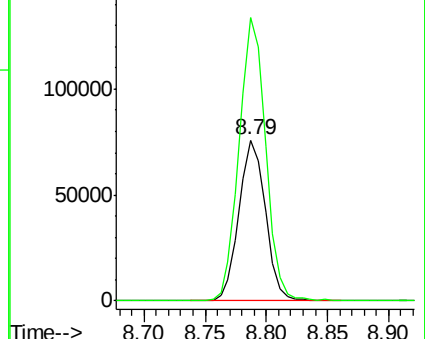
92 100

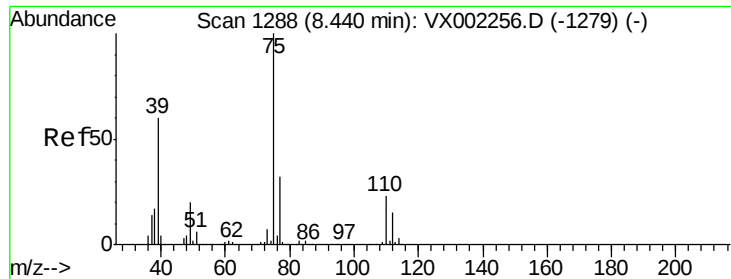
91 176.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





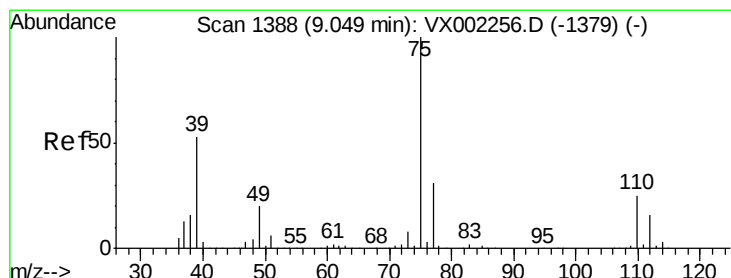
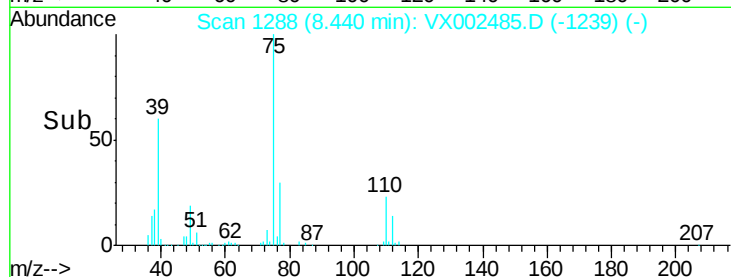
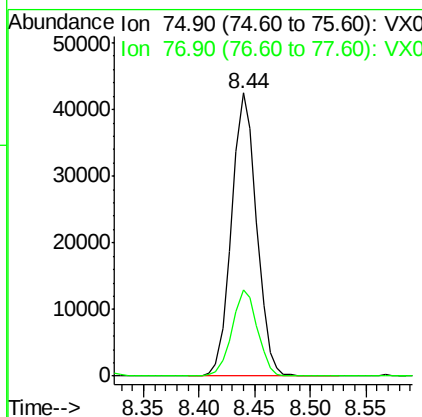
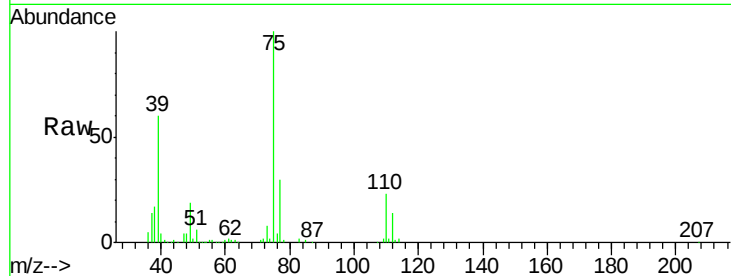
#53
t-1,3-Dichloropropene
Concen: 17.863 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion: 75 Resp: 66285
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2

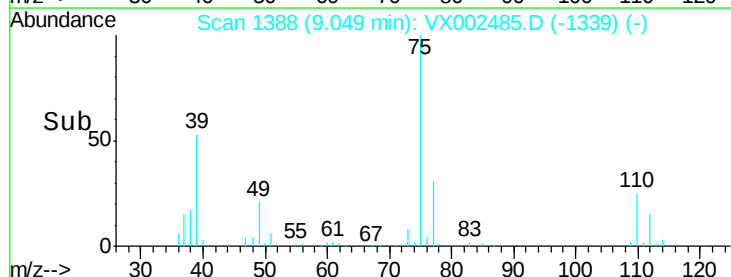
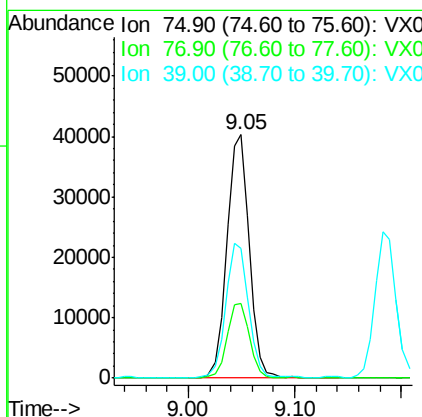
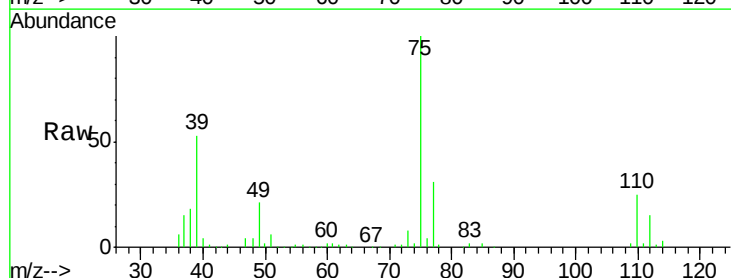
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 16.961 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 75 Resp: 59382
Ion Ratio Lower Upper
75 100
77 30.4 24.8 37.2
39 53.1 42.4 63.6





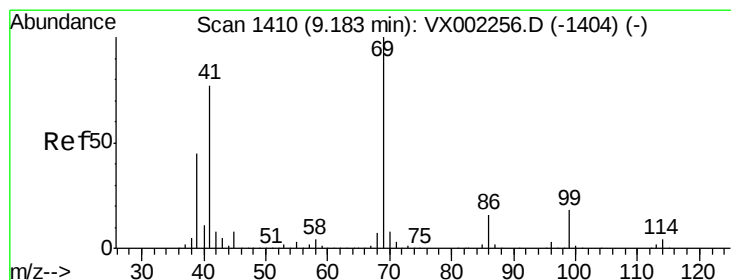
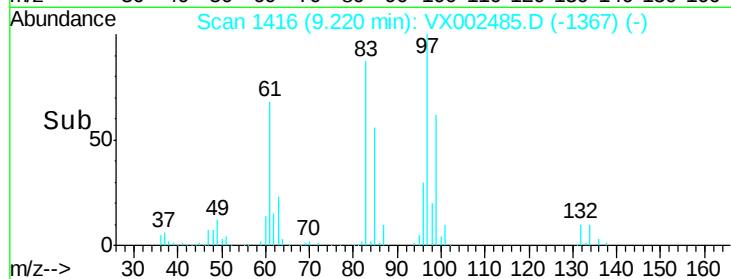
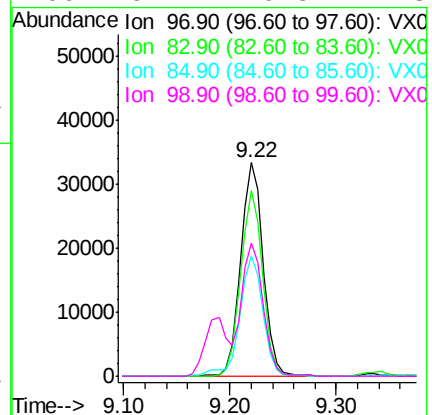
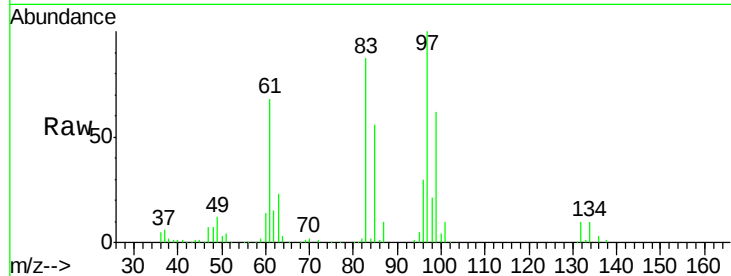
#55
 1,1,2-Trichloroethane
 Concen: 20.341 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tgt Ion:	97	Resp:	49745
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.2	105.2
85	56.2	44.9	67.3
99	62.1	49.8	74.8

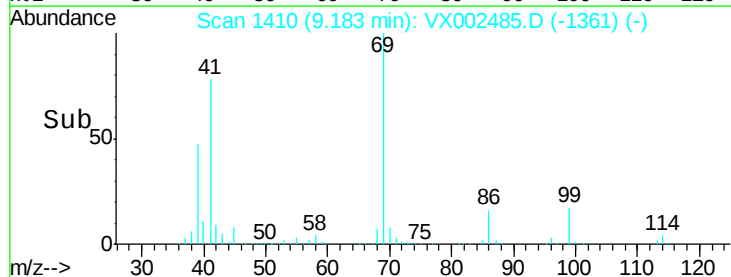
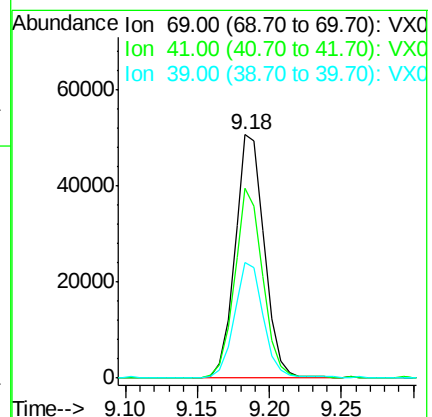
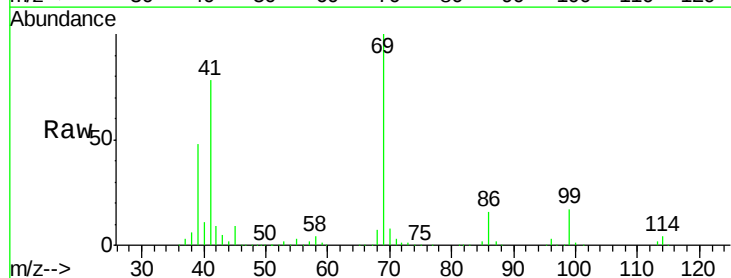
Manual Integrations
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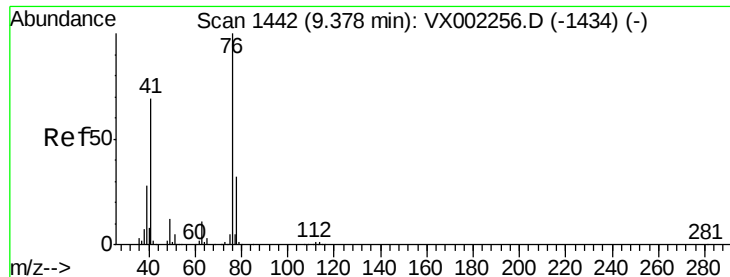
MMDadoda
 6/13/2018 1:59:40 PM



#56
 Ethyl methacrylate
 Concen: 18.439 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion:	69	Resp:	71993
Ion	Ratio	Lower	Upper
69	100		
41	75.2	60.3	90.5
39	46.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.729 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tgt Ion: 76 Resp: 80941

Ion Ratio Lower Upper

76 100

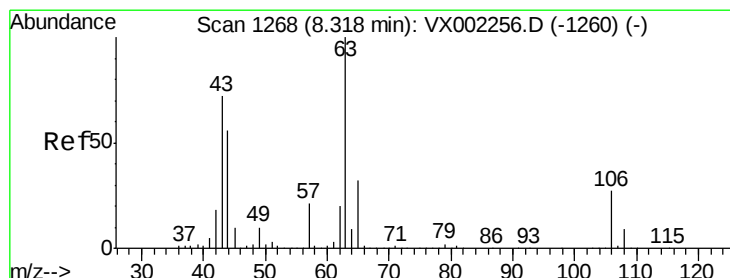
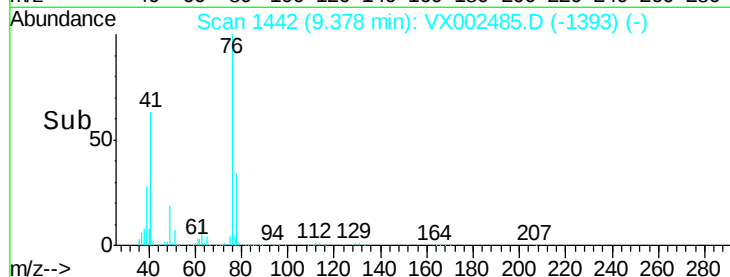
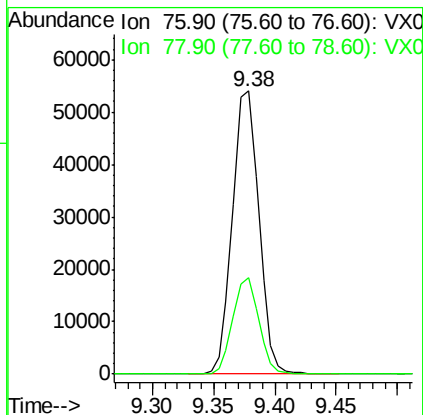
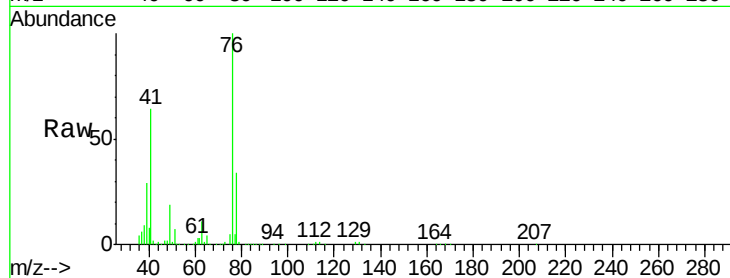
78 33.5 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 101.943 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002485.D

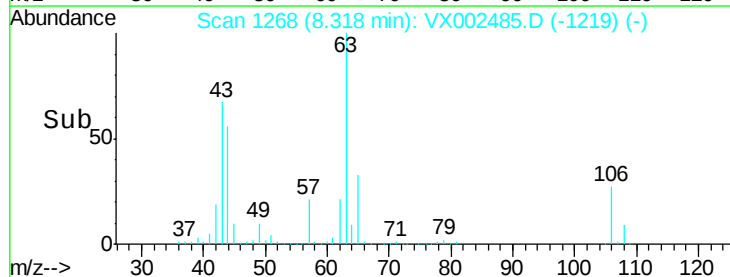
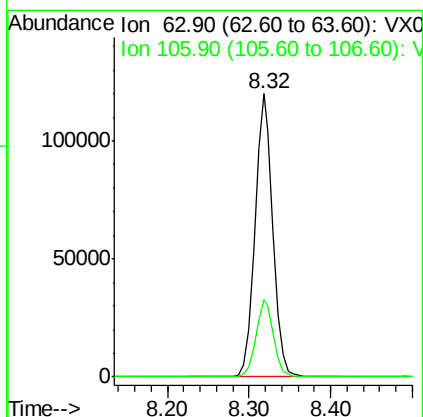
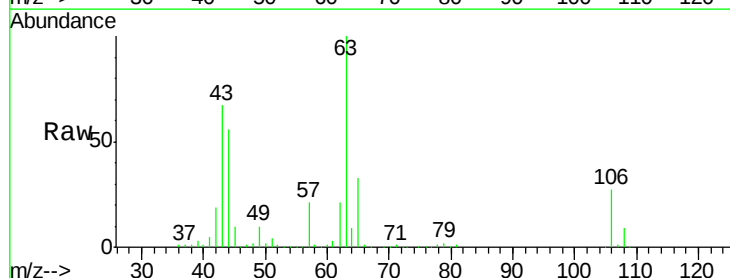
Acq: 13 Jun 2018 00:24

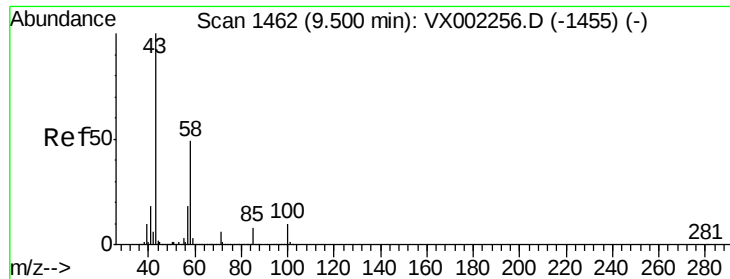
Tgt Ion: 63 Resp: 184222

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.8





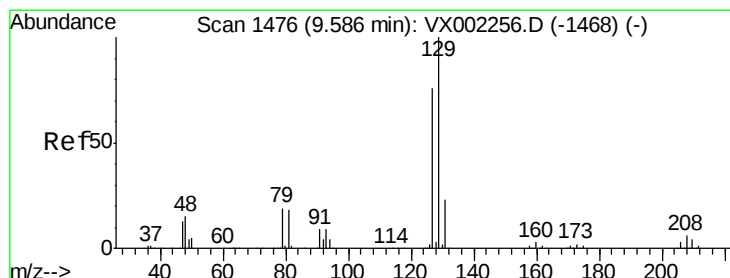
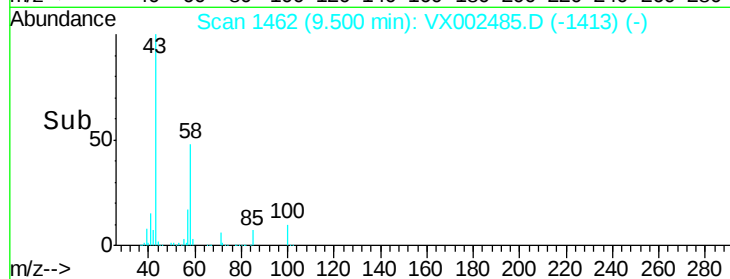
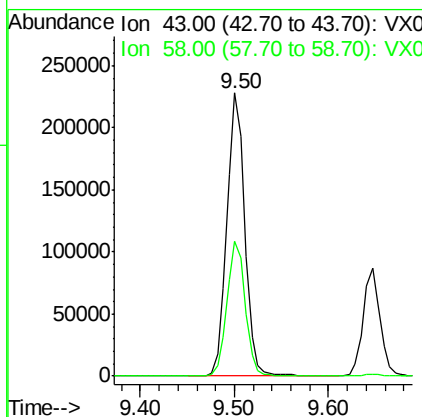
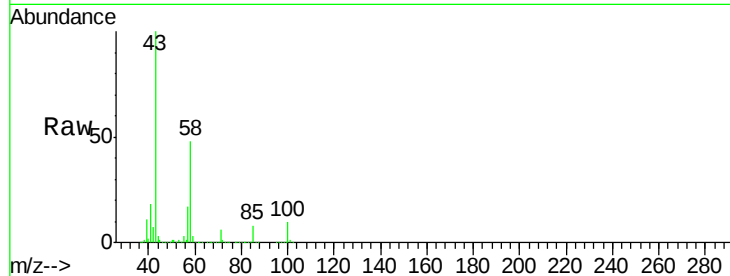
#59
2-Hexanone
Concen: 100.585 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion: 43 Resp: 301333
Ion Ratio Lower Upper
43 100
58 48.7 24.6 73.6

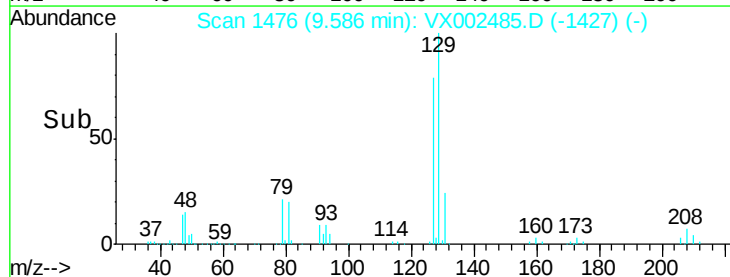
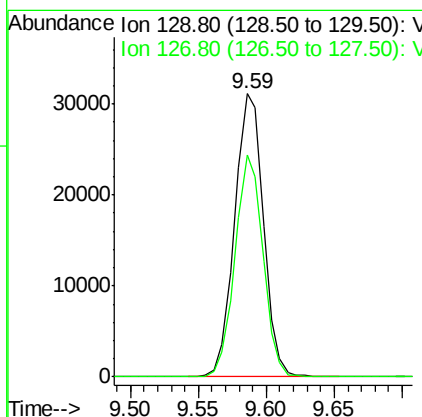
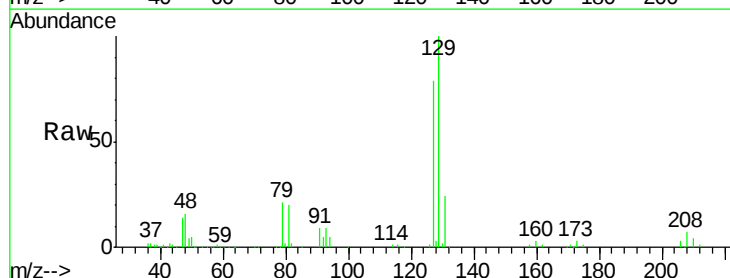
Manual Integrations
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6/13/2018 1:59:40 PM



#60
Dibromochloromethane
Concen: 18.603 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 129 Resp: 45760
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.663 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tgt Ion: 107 Resp: 50138

Ion Ratio Lower Upper

107 100

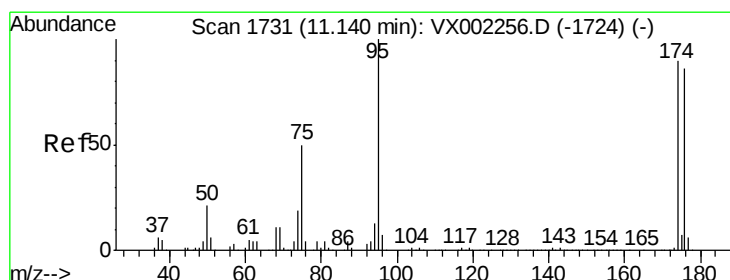
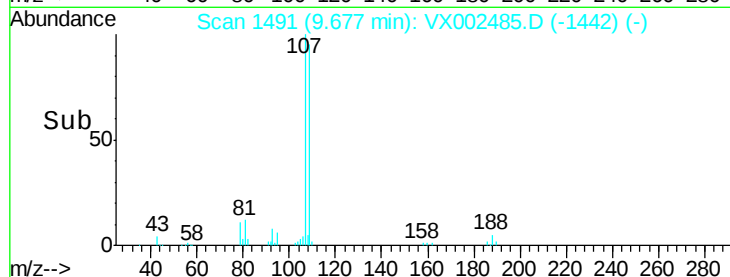
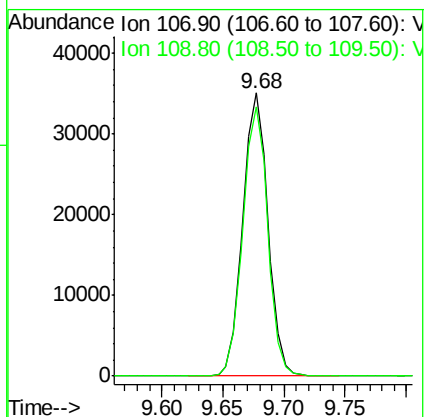
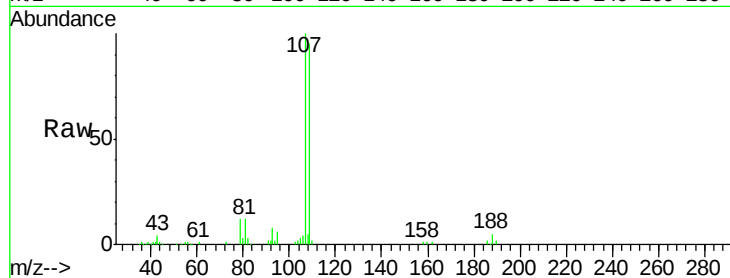
109 94.5 75.3 112.9

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#62

4-Bromofluorobenzene

Concen: 42.692 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

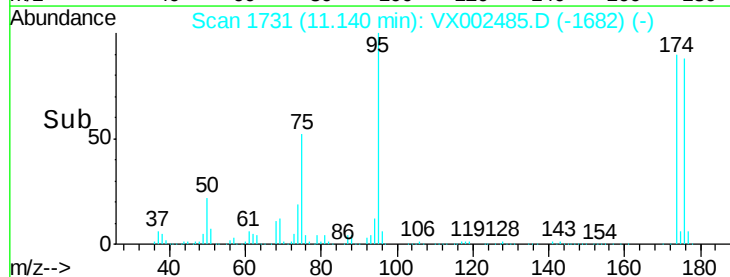
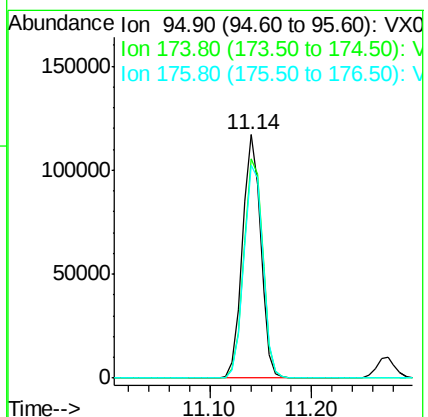
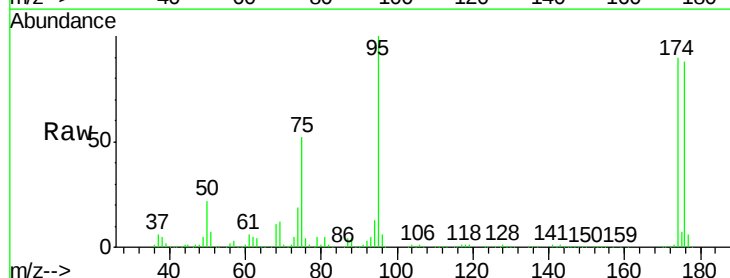
Tgt Ion: 95 Resp: 143920

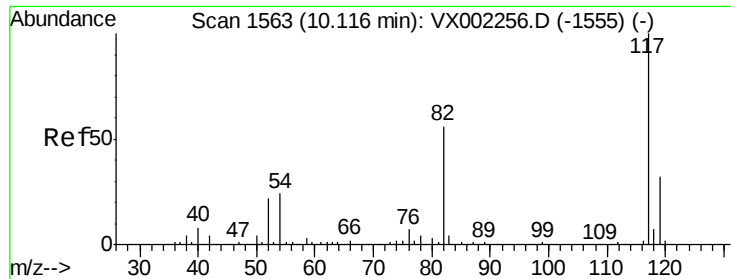
Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.4

176 91.8 0.0 181.0





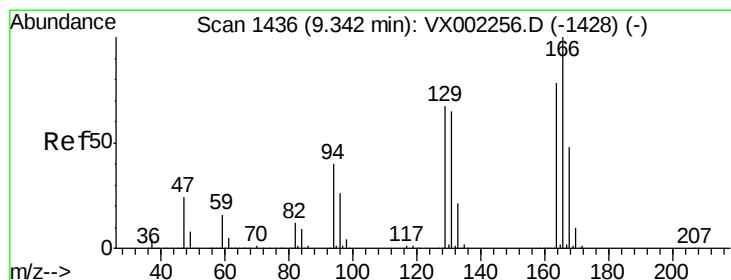
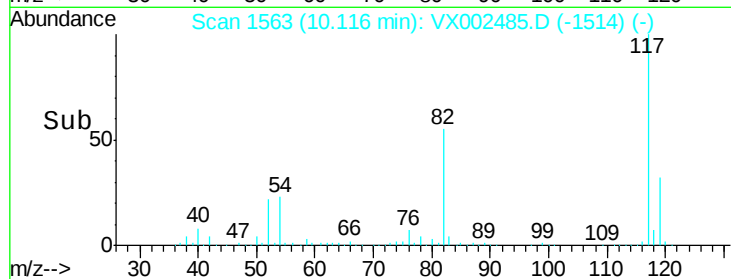
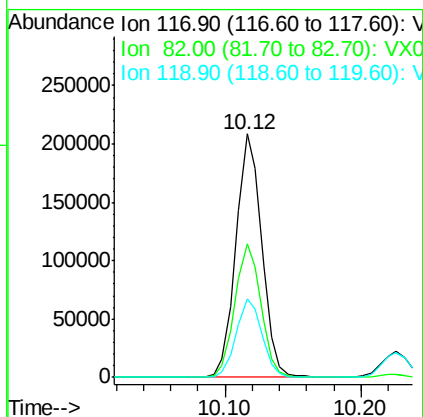
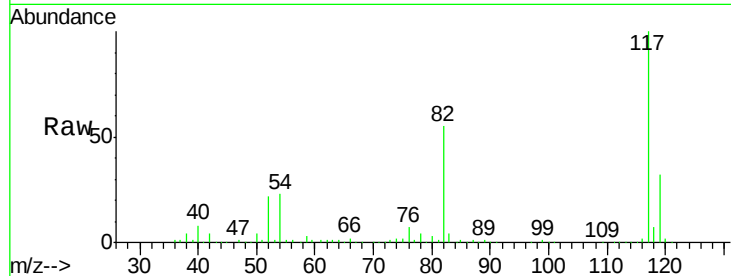
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	32.2	25.8	38.6

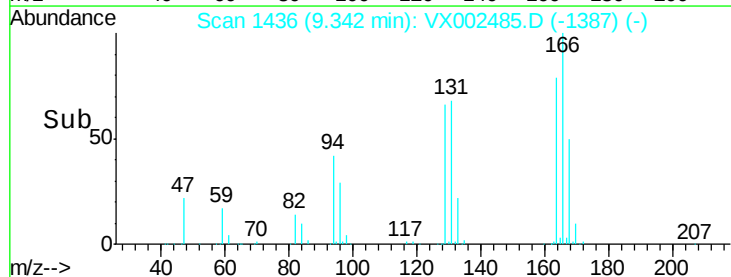
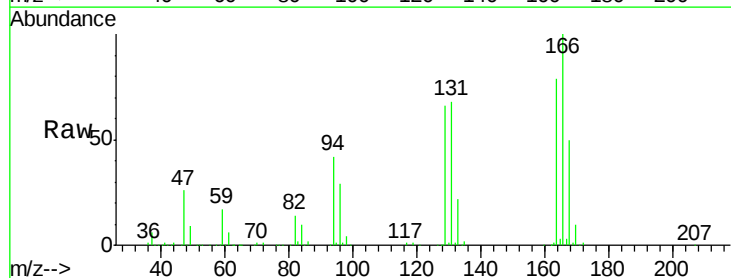
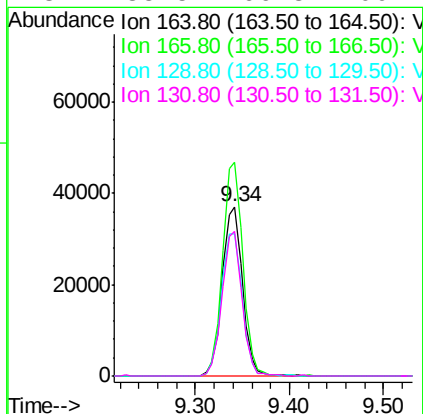
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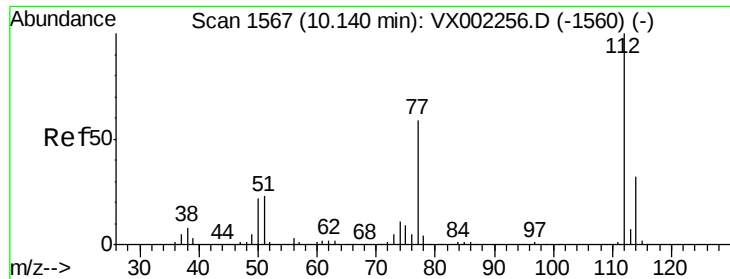
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#64
Tetrachloroethene
Concen: 19.448 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	102.9	154.3
129	83.6	68.6	102.8
131	85.5	66.8	100.2





#65

Chlorobenzene

Concen: 19.402 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tgt Ion:112 Resp: 133304

Ion Ratio Lower Upper

112 100

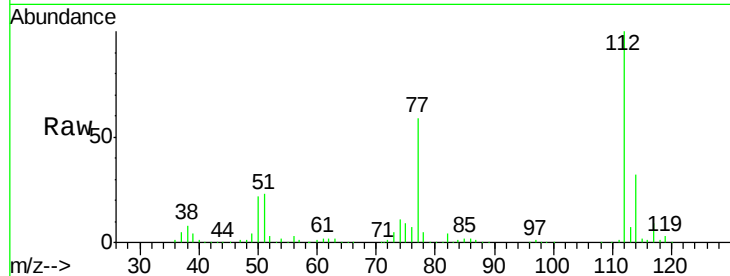
114 32.4 25.3 37.9

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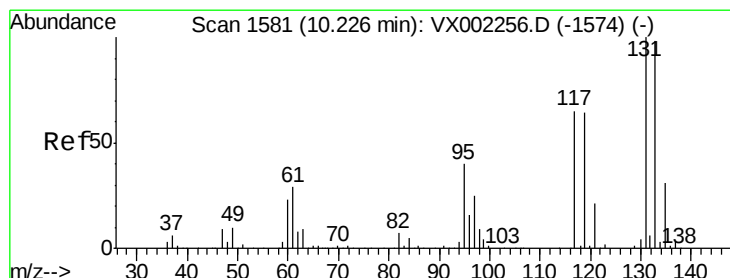
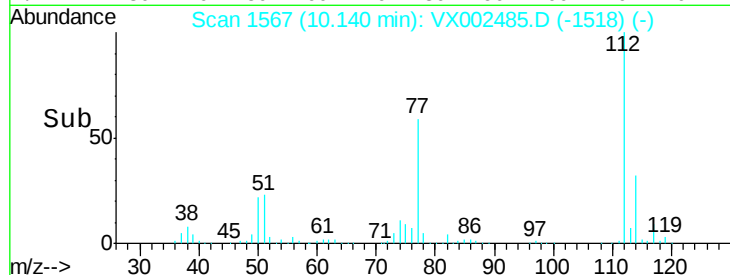
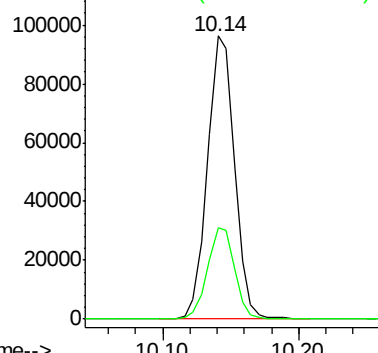
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.927 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

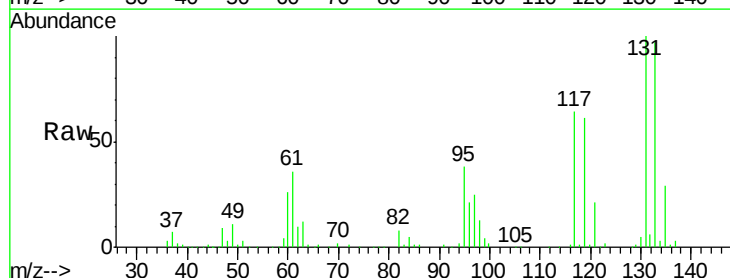
Tgt Ion:131 Resp: 47085

Ion Ratio Lower Upper

131 100

133 95.1 47.9 143.6

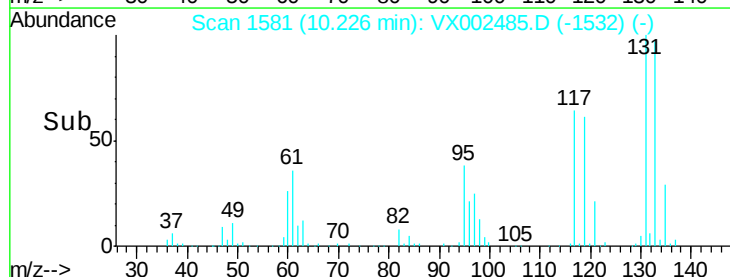
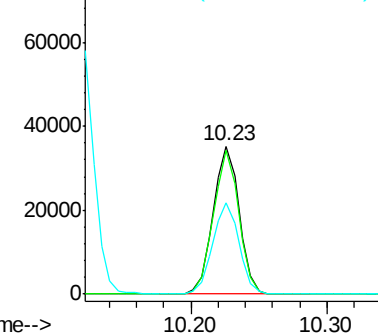
119 62.3 31.8 95.3

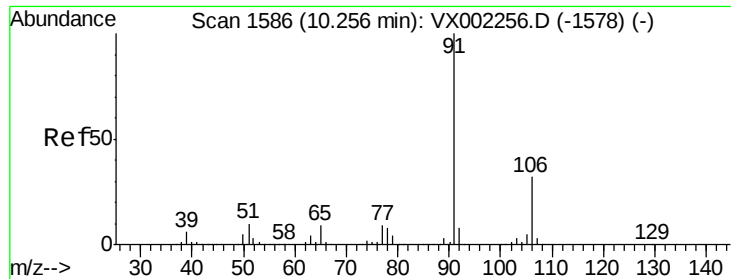


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





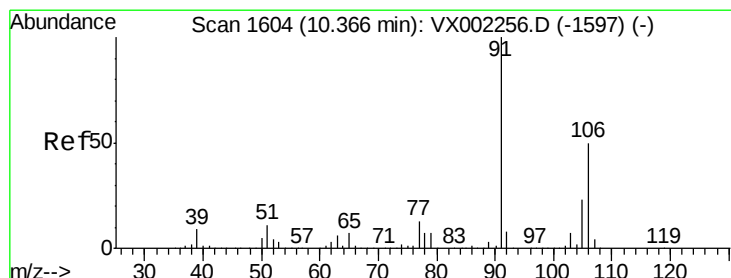
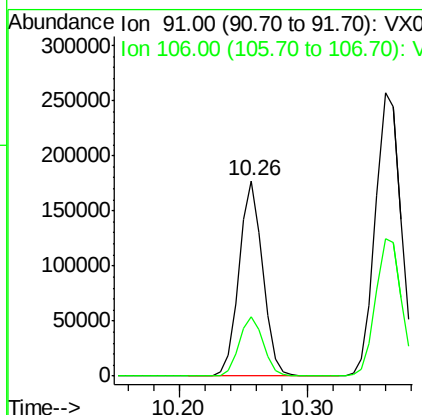
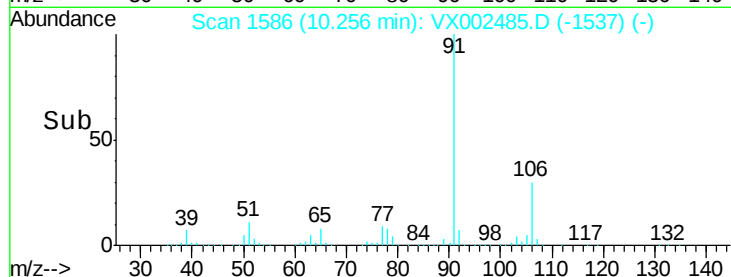
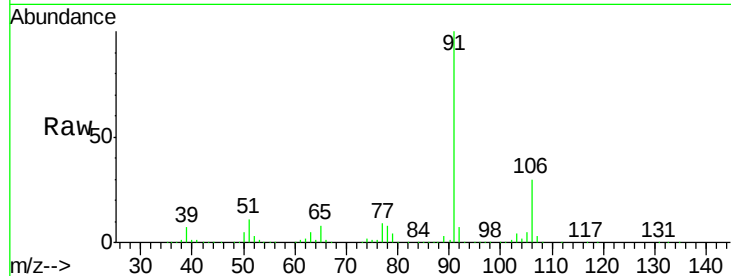
#67
Ethyl Benzene
Concen: 19.587 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion: 91 Resp: 225208
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3

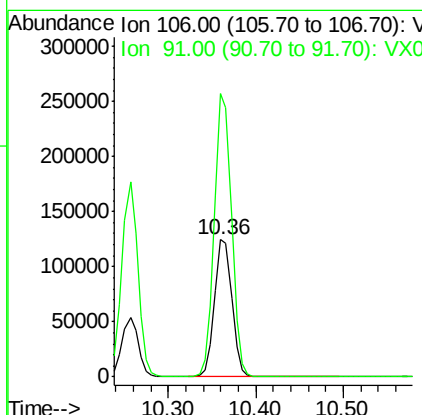
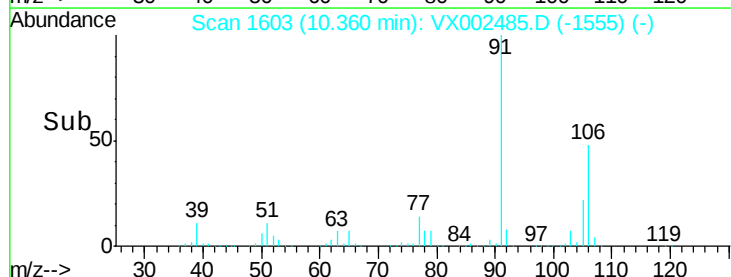
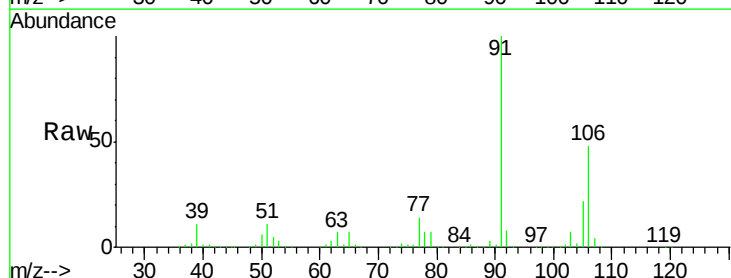
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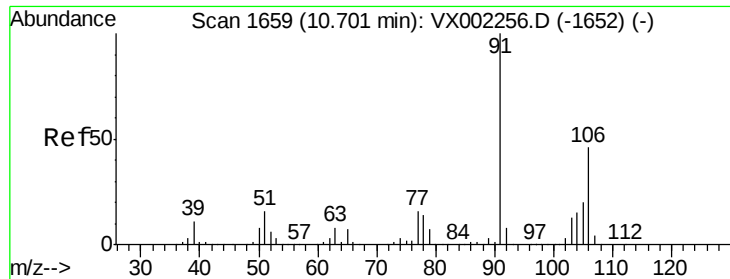
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#68
m/p-Xylenes
Concen: 38.454 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 106 Resp: 171871
Ion Ratio Lower Upper
106 100
91 204.6 163.4 245.2





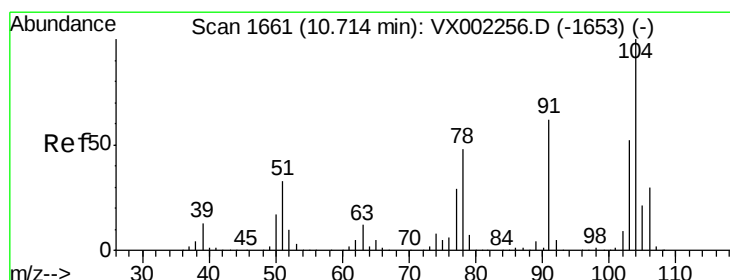
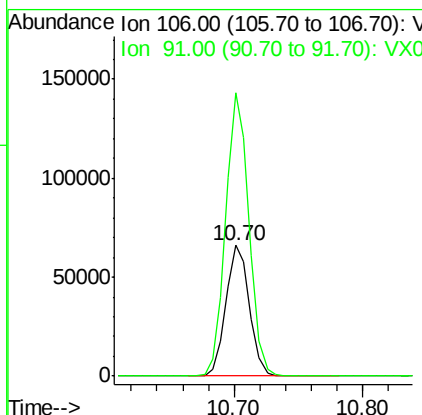
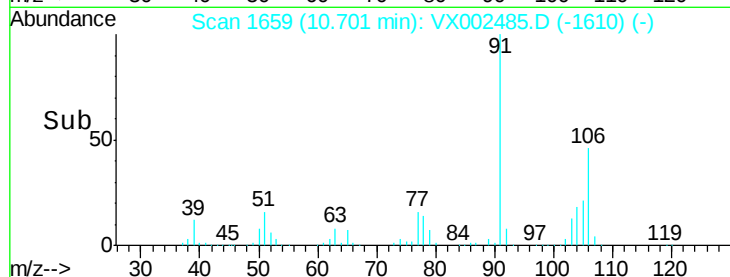
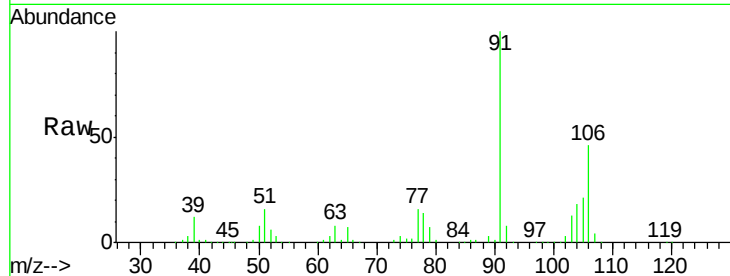
#69
o-Xylene
Concen: 19.081 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion:106 Resp: 84872
Ion Ratio Lower Upper
106 100
91 215.1 108.2 324.6

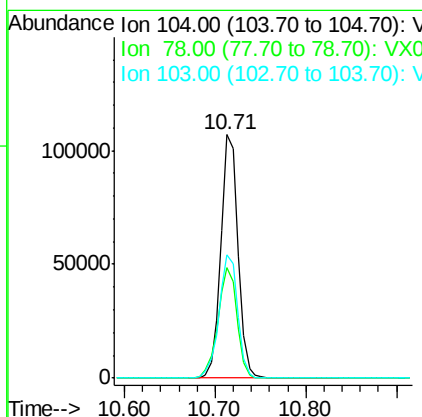
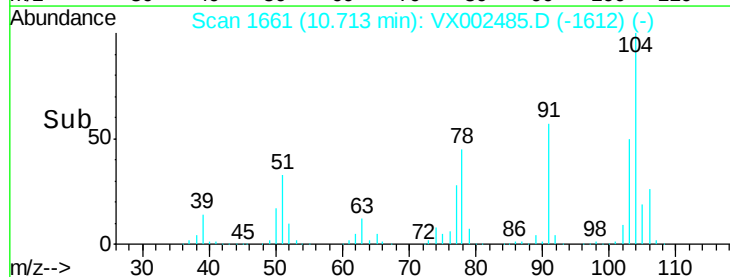
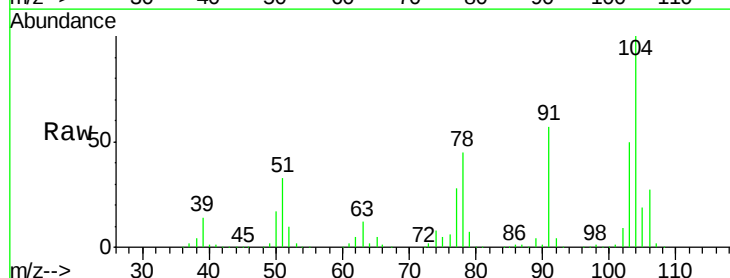
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#70
Styrene
Concen: 19.468 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion:104 Resp: 141557
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 55.3 44.2 66.4





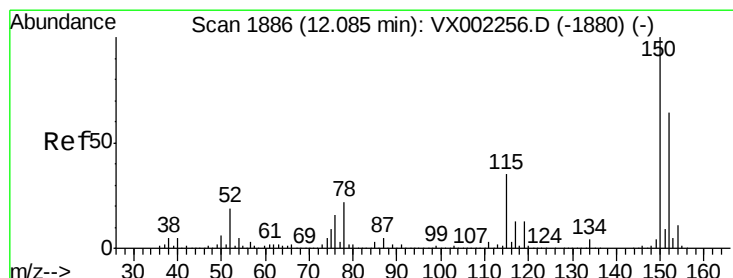
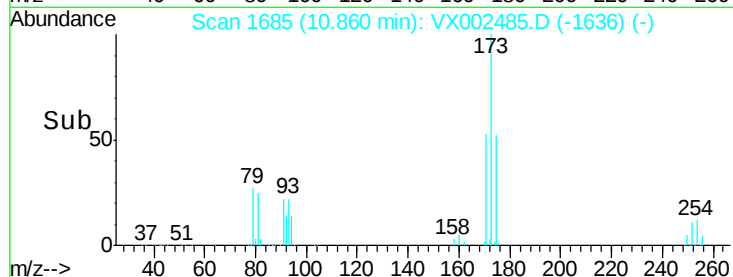
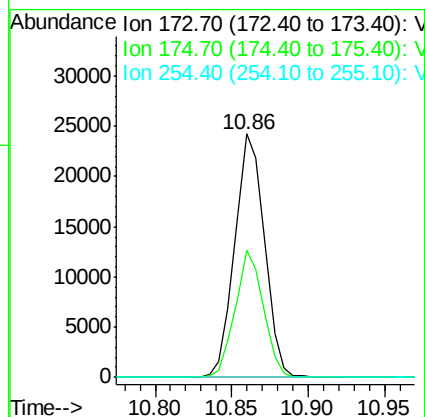
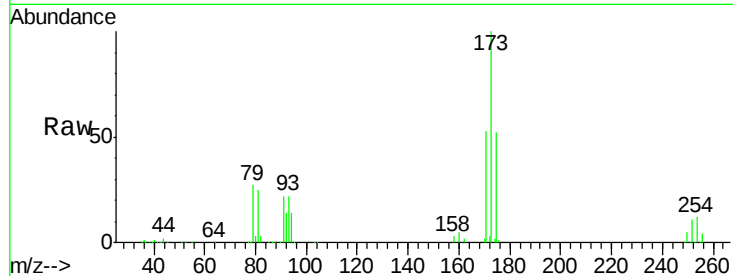
#71
Bromoform
Concen: 17.073 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion:173 Resp: 32590
Ion Ratio Lower Upper
173 100
175 49.6 24.7 74.1
254 0.1 0.2 0.2#

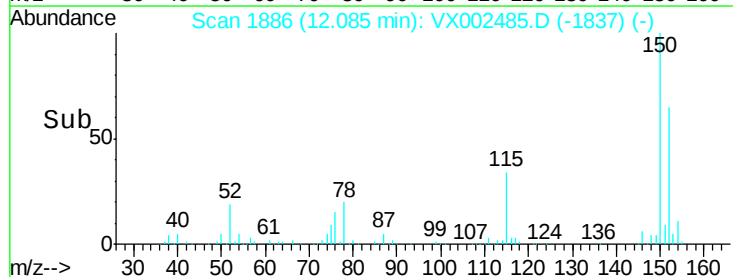
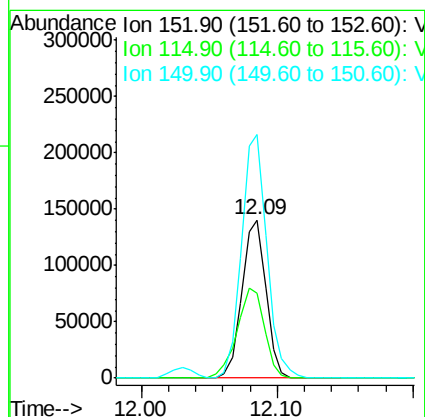
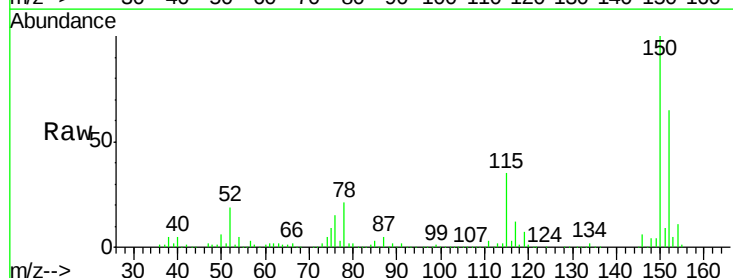
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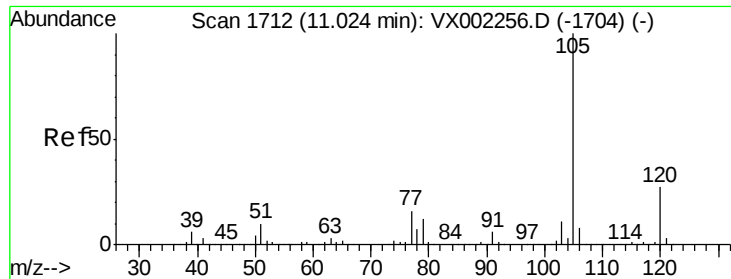
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion:152 Resp: 171802
Ion Ratio Lower Upper
152 100
115 64.7 40.1 120.2
150 163.3 0.0 347.2





#73

Isopropylbenzene

Concen: 19.293 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tgt Ion: 105 Resp: 230581

Ion Ratio Lower Upper

105 100

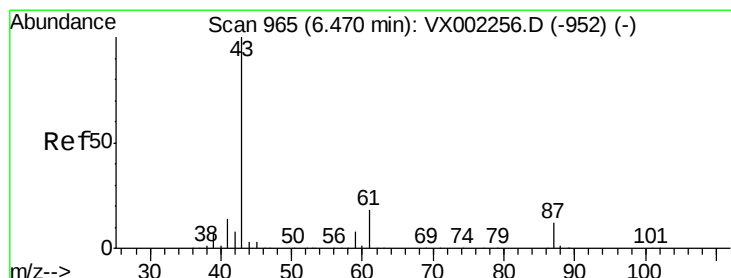
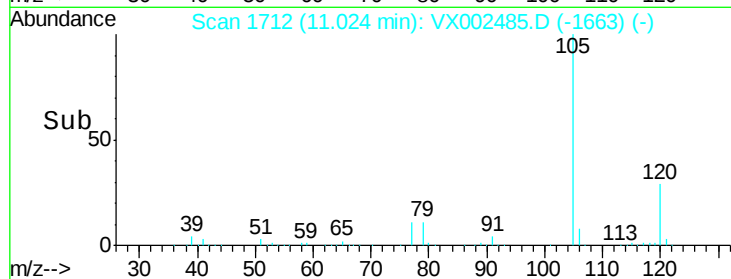
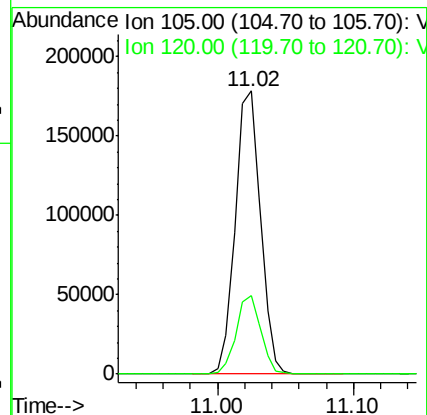
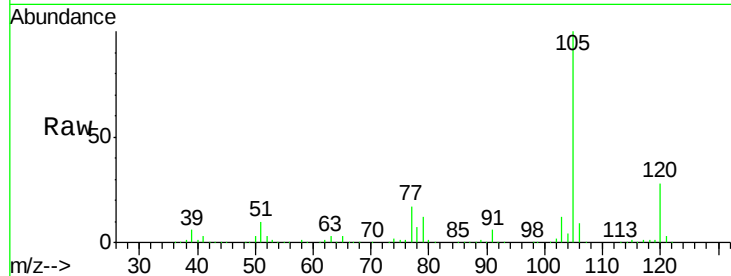
120 27.1 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.083 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Tgt Ion: 43 Resp: 116450

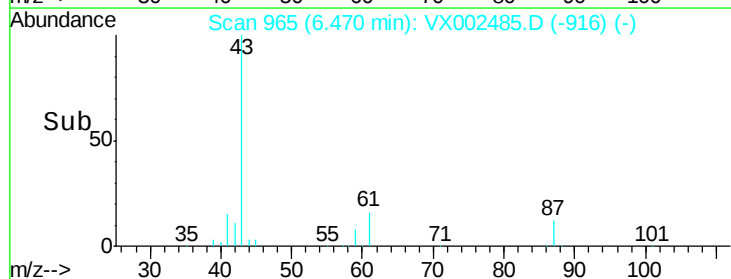
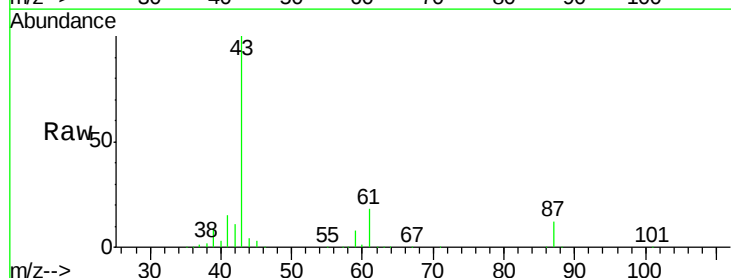
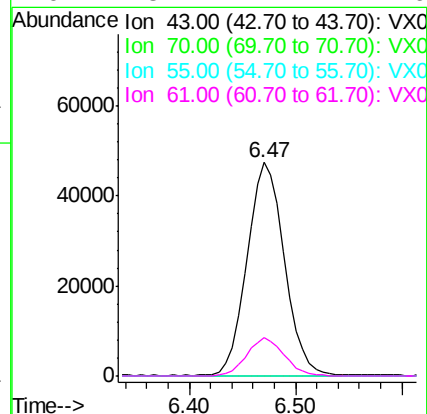
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.830 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

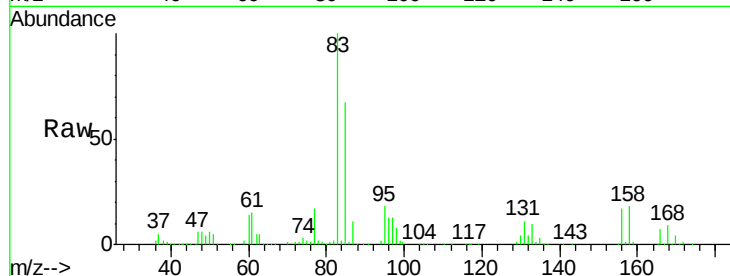
ClientSampleId :

VX0612WBSD02

Tgt Ion:	83	Resp:	74537
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.6	16.8
85	64.2	32.4	97.2

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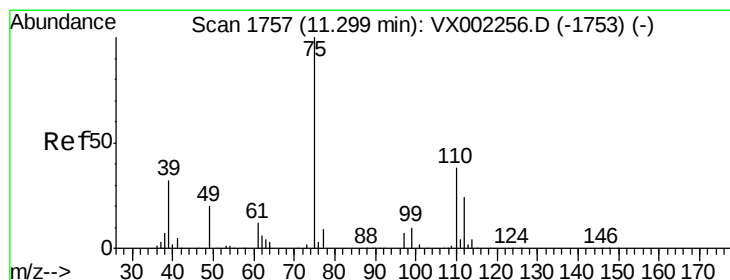
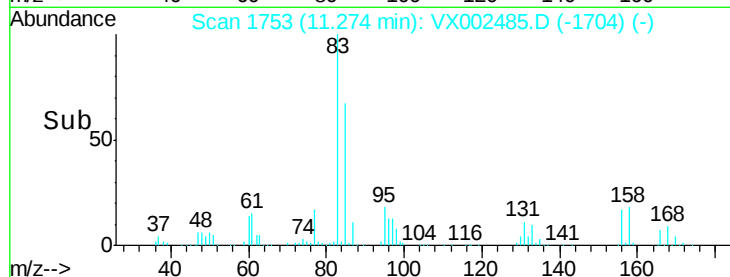
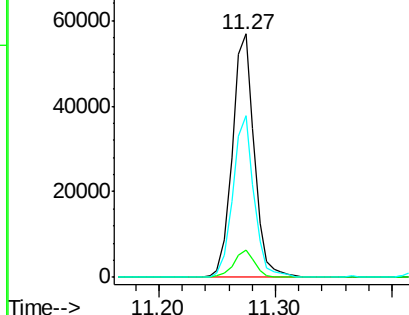
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.025 ug/l m

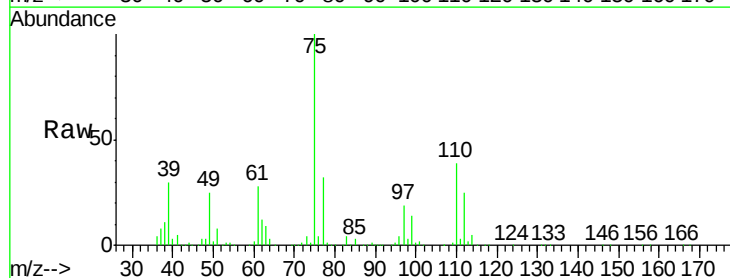
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002485.D

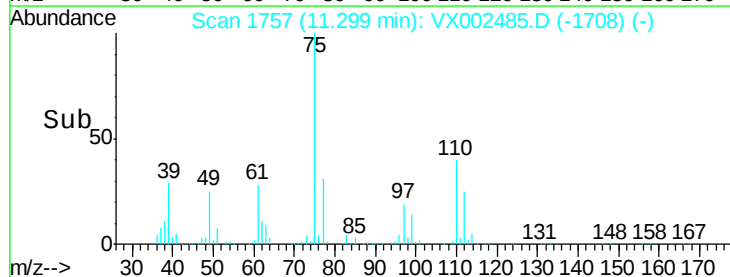
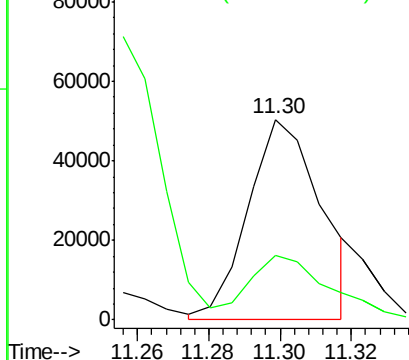
Acq: 13 Jun 2018 00:24

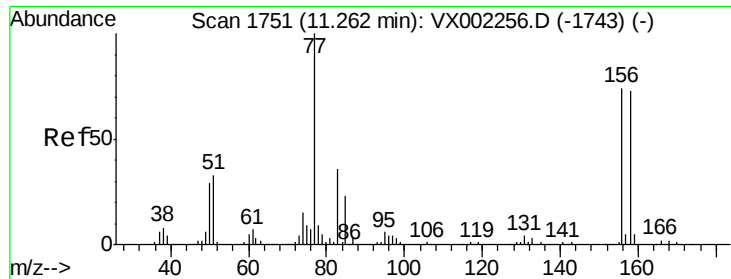
Tgt Ion:	75	Resp:	71720
Ion	Ratio	Lower	Upper
75	100		
77	36.0	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.034 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

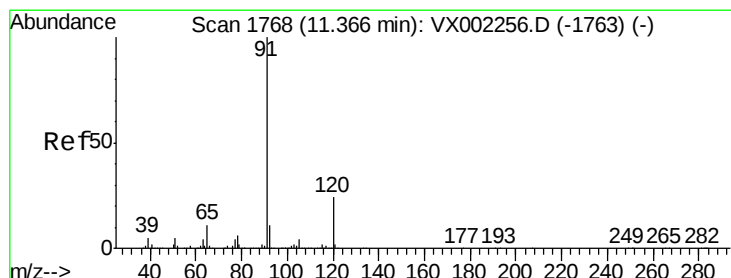
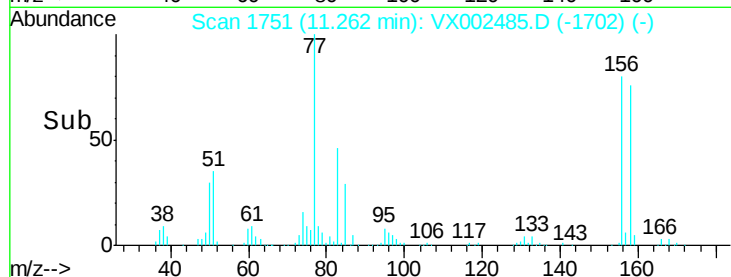
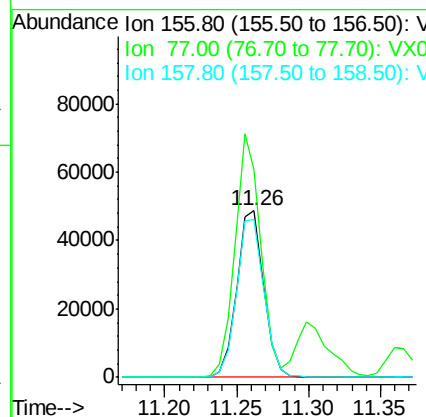
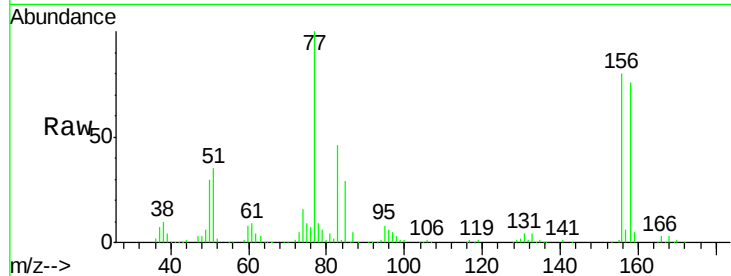
ClientSampleId :

VX0612WBSD02

Tgt Ion:	156	Resp:	63862
Ion Ratio	Lower	Upper	
156	100		
77	139.9	71.4	214.2
158	96.9	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.802 ug/l

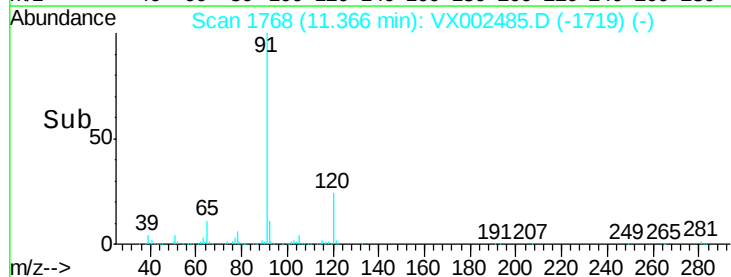
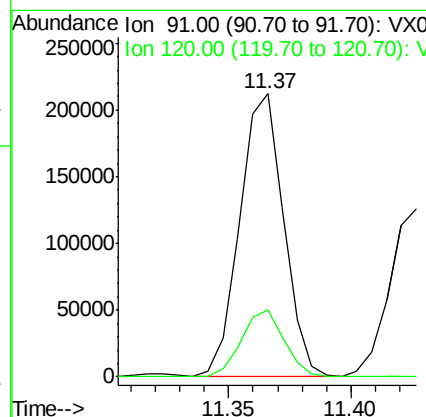
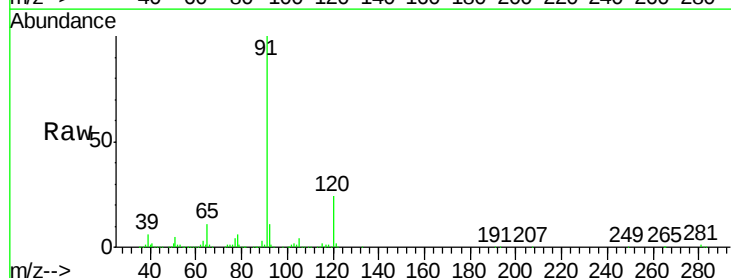
RT: 11.37 min Scan# 1768

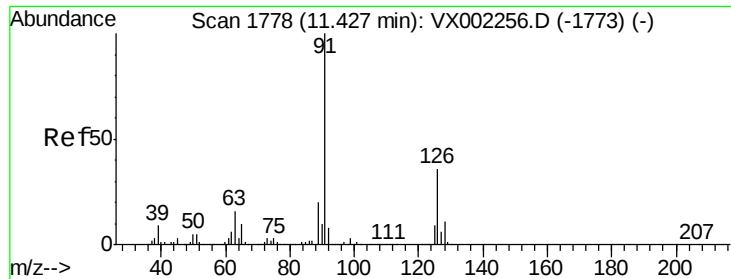
Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Tgt Ion:	91	Resp:	263048
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.8	35.4





#79

2-Chlorotoluene

Concen: 18.644 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD02

Tgt Ion: 91 Resp: 156384

Ion Ratio Lower Upper

91 100

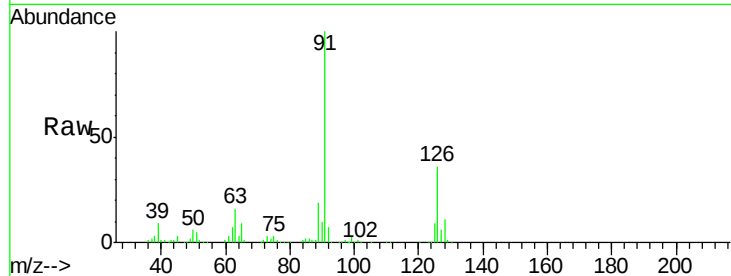
126 35.8 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002256.D (-1773) (-)

250000

200000

150000

100000

50000

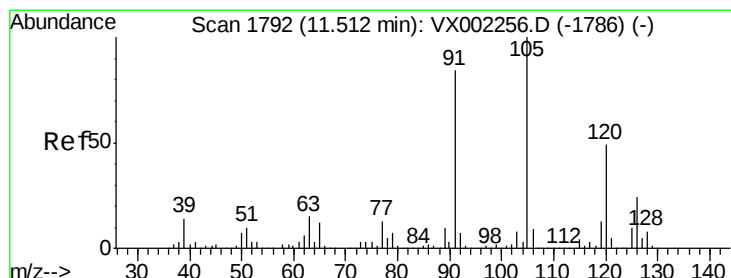
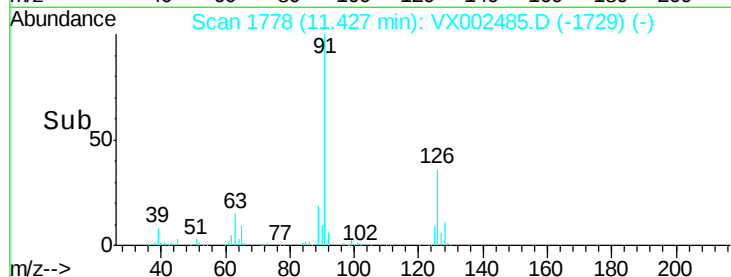
0

11.40

11.43

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.852 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002485.D

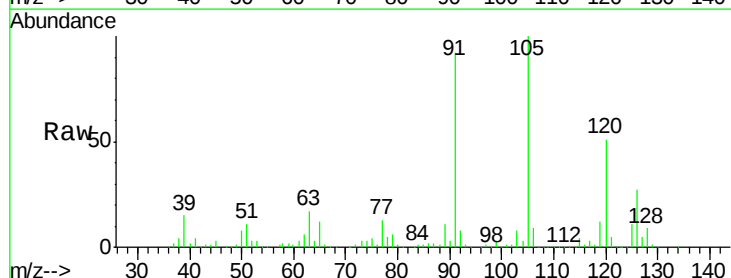
Acq: 13 Jun 2018 00:24

Tgt Ion: 105 Resp: 193246

Ion Ratio Lower Upper

105 100

120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002256.D (-1786) (-)

150000

100000

50000

0

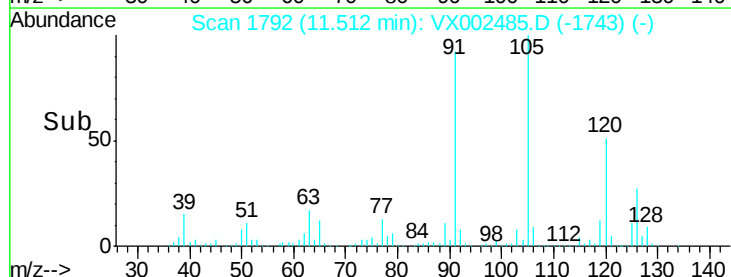
11.45

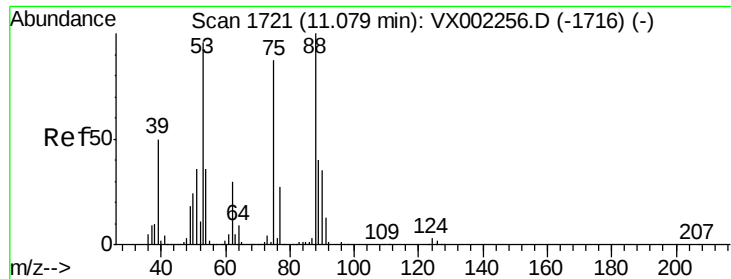
11.51

11.55

11.60

Time-->





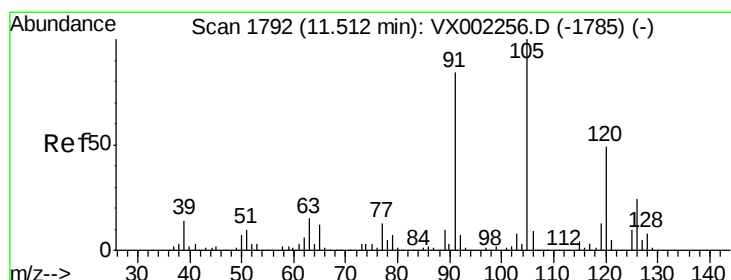
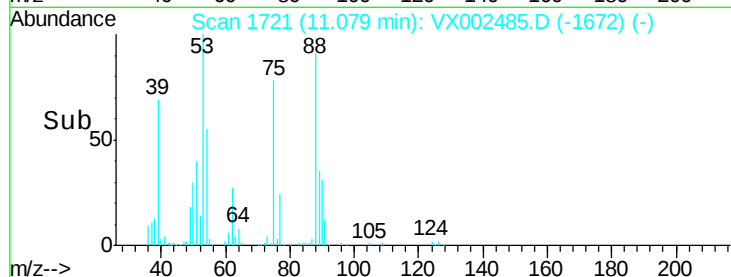
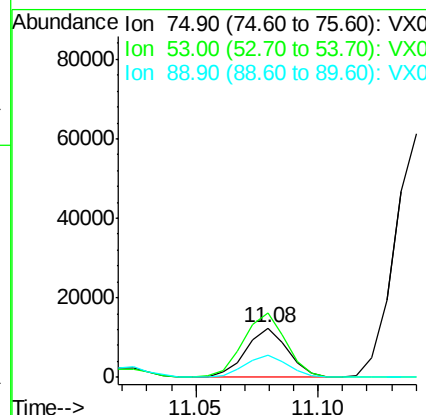
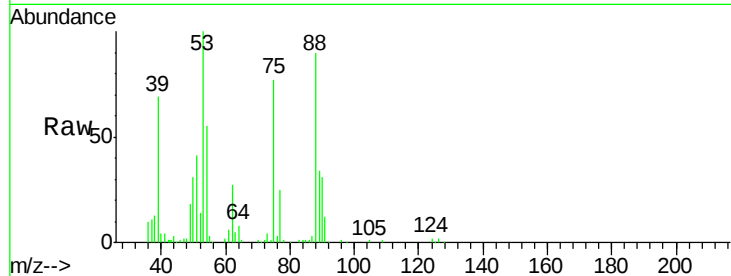
#81
trans-1,4-Dichloro-2-butene
Concen: 13.781 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion: 75 Resp: 14821
Ion Ratio Lower Upper
75 100
53 133.4 86.8 130.2#
89 45.9 38.2 57.2

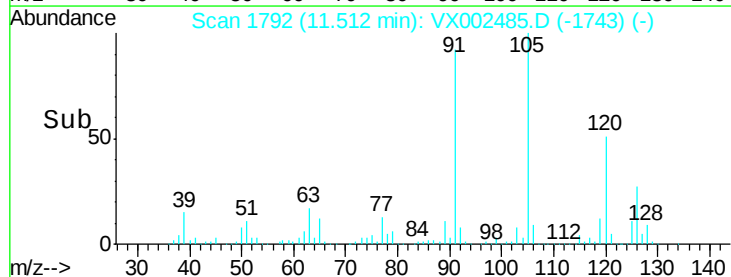
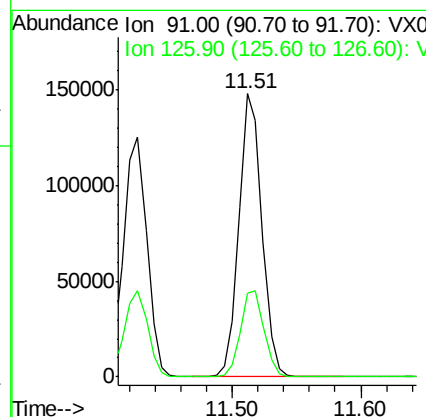
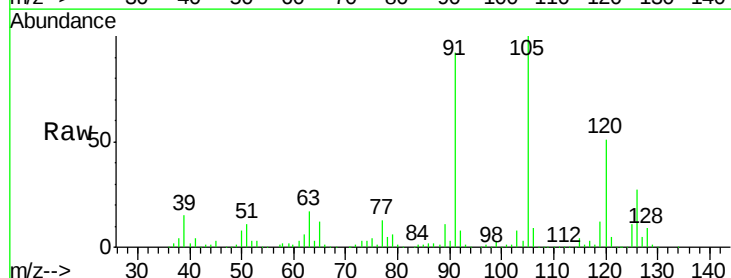
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#82
4-Chlorotoluene
Concen: 19.002 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 91 Resp: 183966
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.4





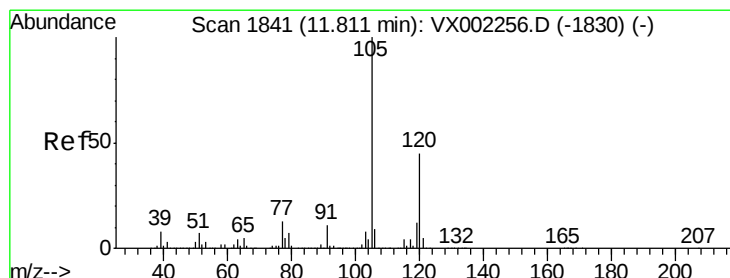
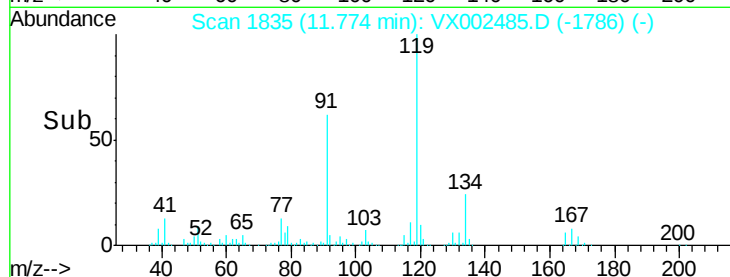
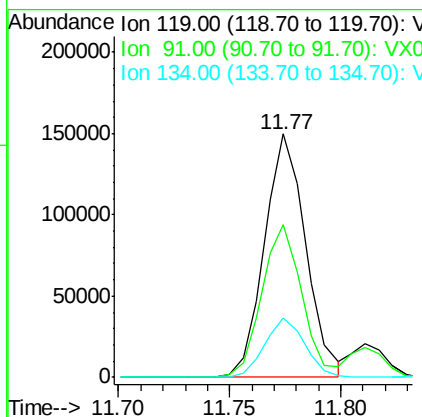
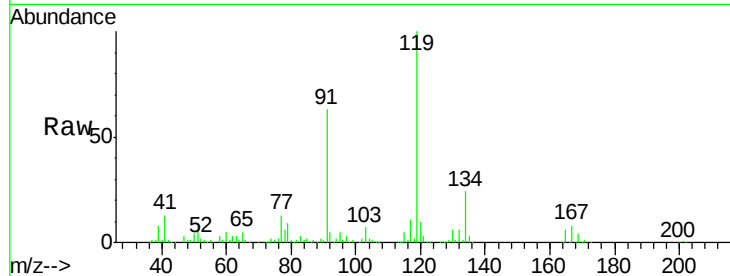
#83
 tert-Butylbenzene
 Concen: 19.313 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	192787		
91	61.1	30.3	90.9	
134	23.7	11.7	35.1	

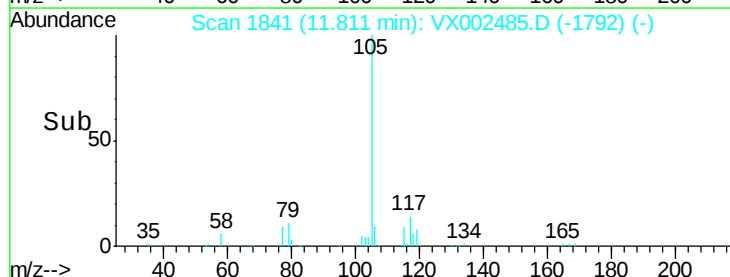
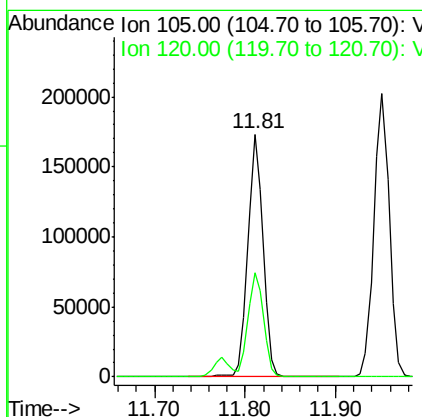
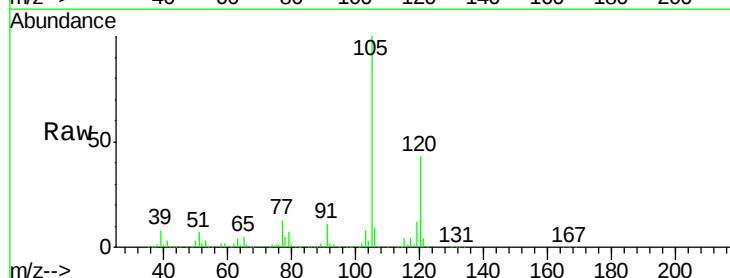
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.173 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	202314		
120	43.5	22.3	66.8	





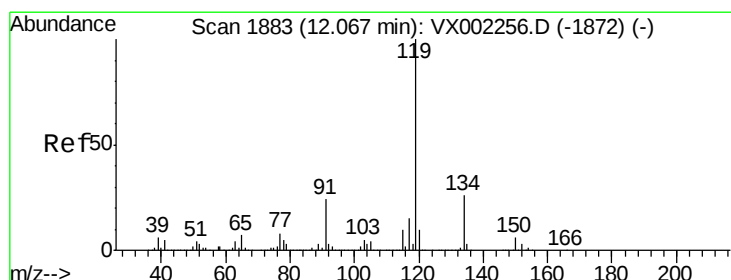
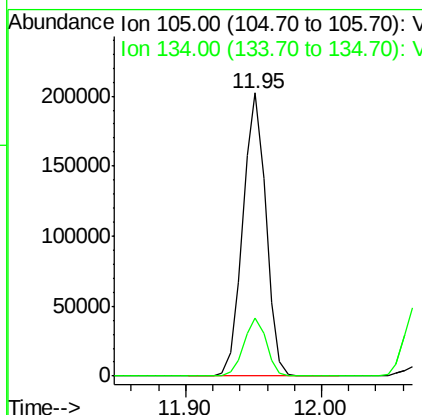
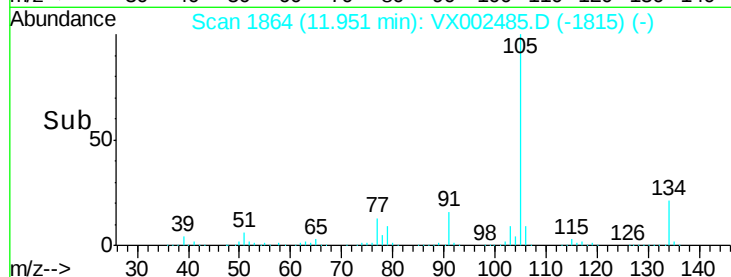
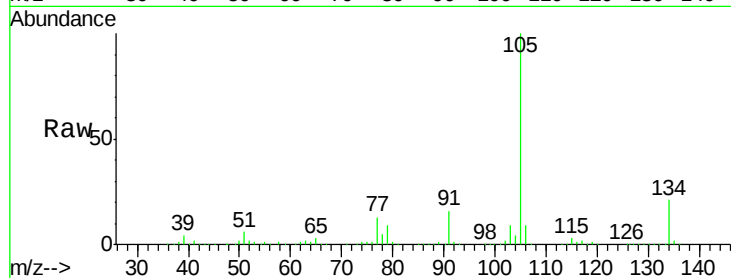
#85
 sec-Butylbenzene
 Concen: 20.356 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tgt Ion:105 Resp: 238211
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

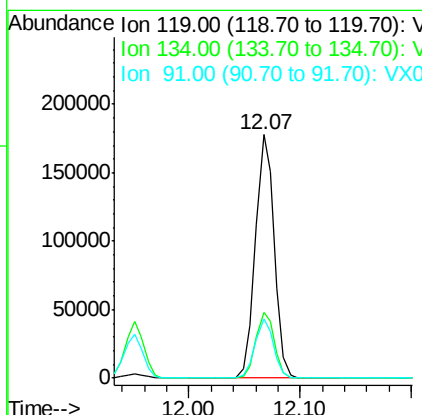
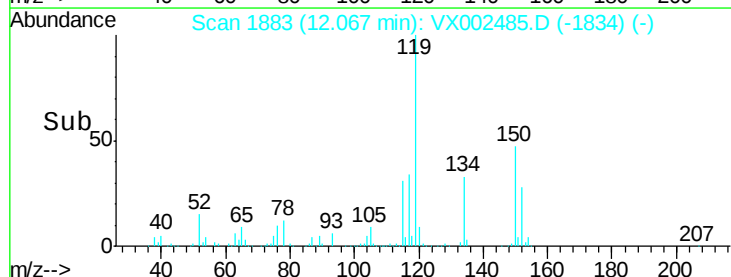
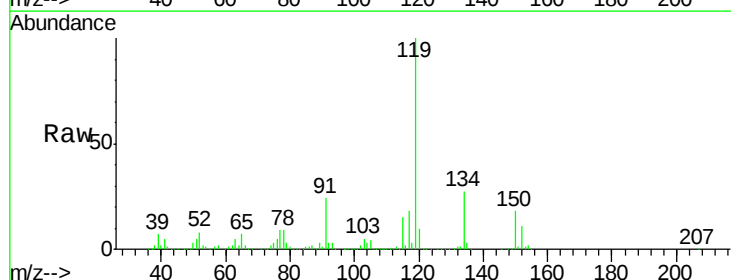
Manual Integrations
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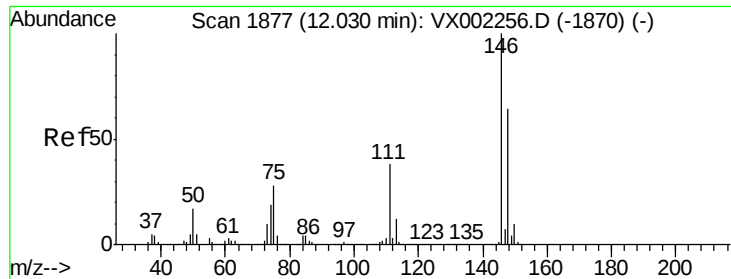
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#86
 p-Isopropyltoluene
 Concen: 19.672 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion:119 Resp: 209690
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 24.2 11.9 35.7





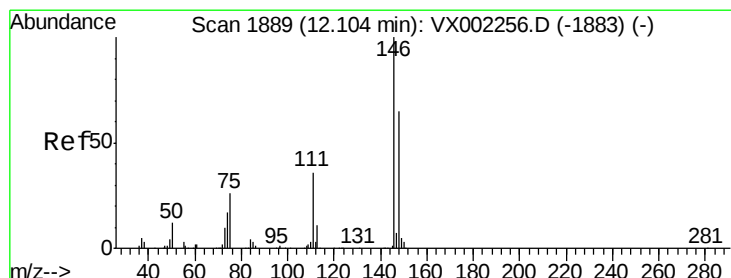
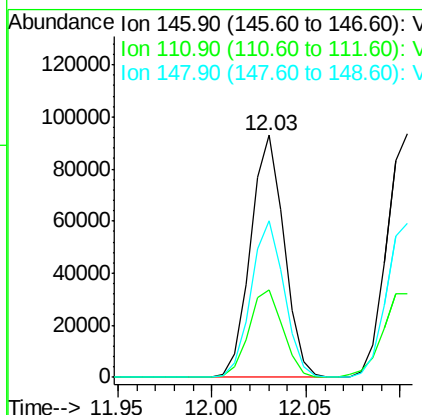
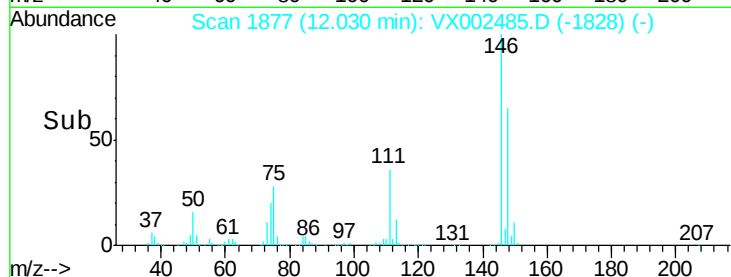
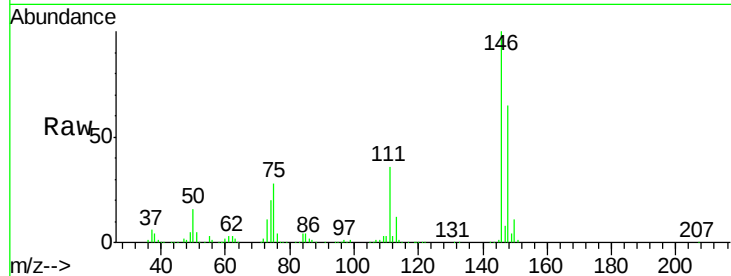
#87
 1,3-Dichlorobenzene
 Concen: 19.114 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	63.8	32.1	96.3

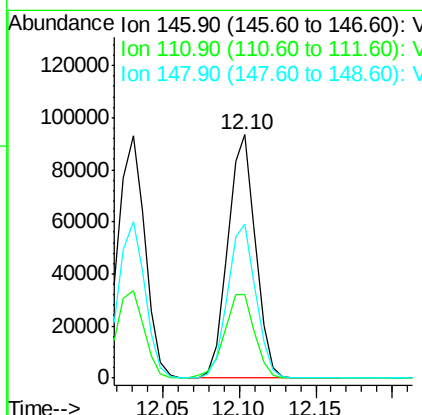
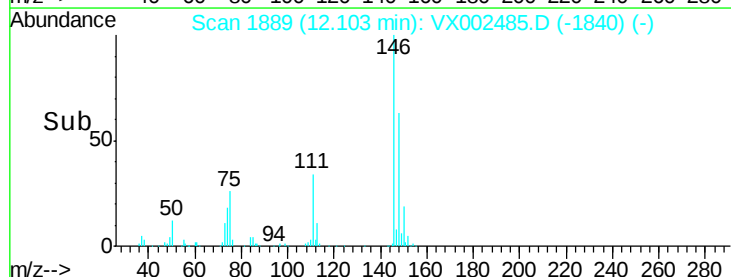
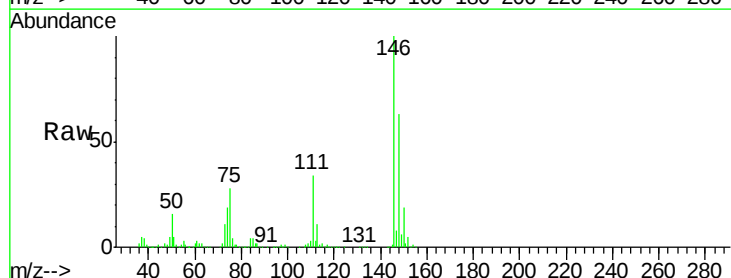
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#88
 1,4-Dichlorobenzene
 Concen: 18.892 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	64.3	32.4	97.0





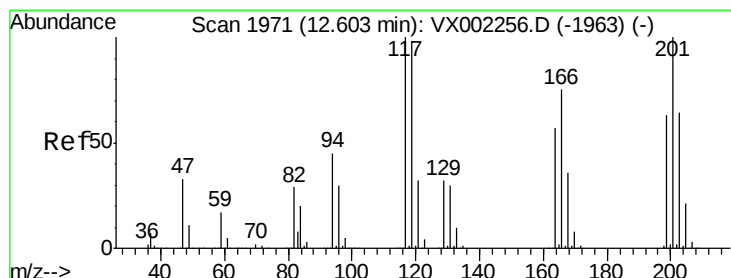
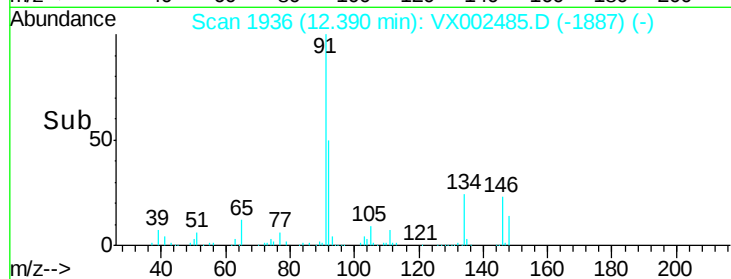
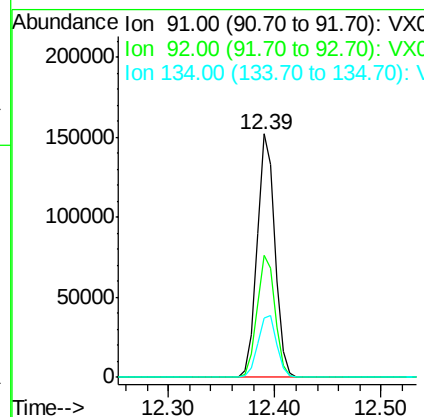
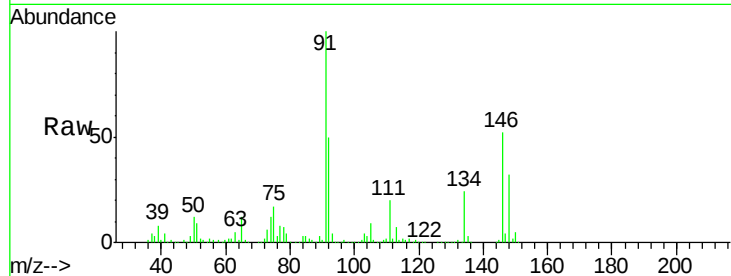
#89
n-Butylbenzene
Concen: 19.990 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.0	78.0
134	26.8	13.5	40.5

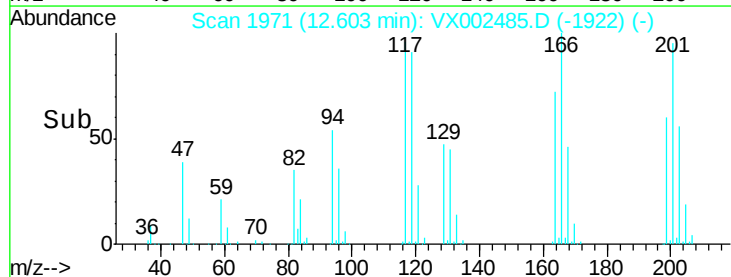
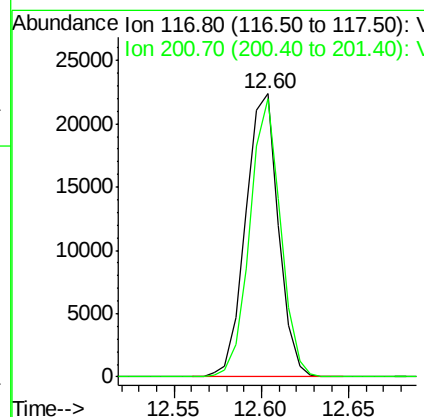
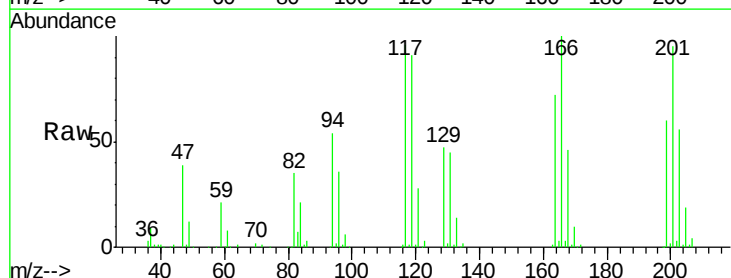
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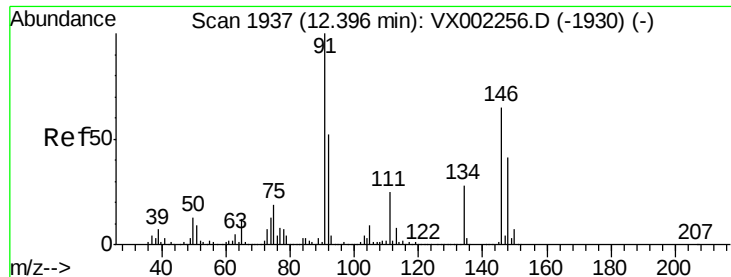
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#90
Hexachloroethane
Concen: 17.103 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.1	49.0	147.0





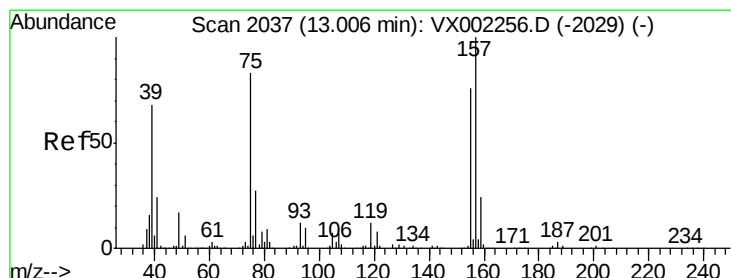
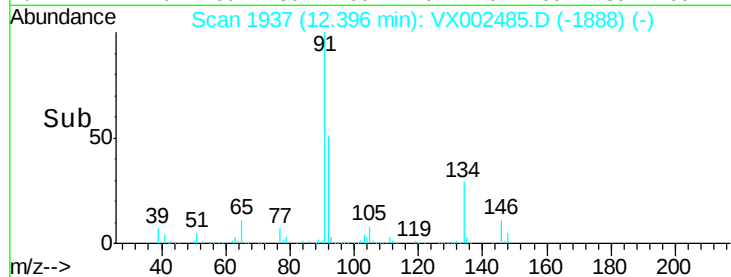
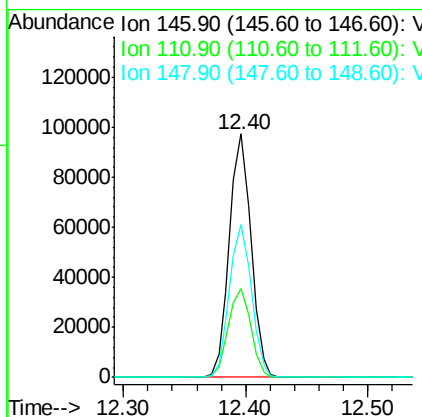
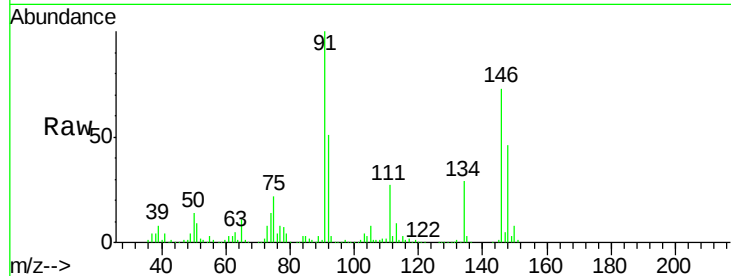
#91
 1,2-Dichlorobenzene
 Concen: 19.253 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.4	58.1
148	63.5	31.7	95.1

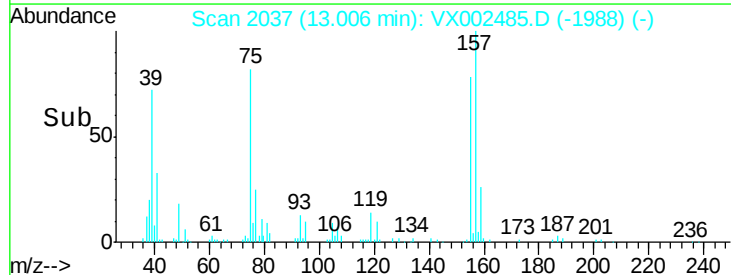
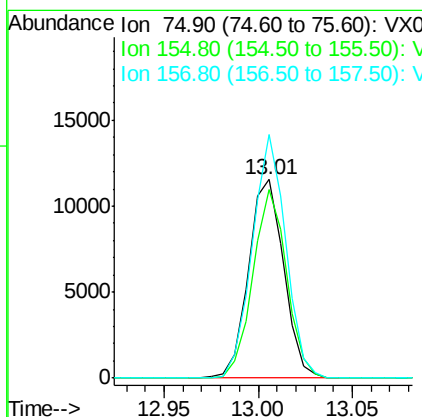
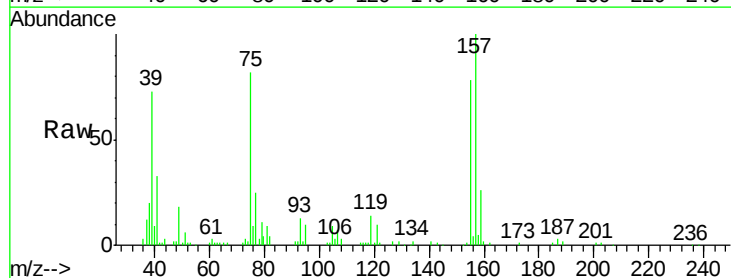
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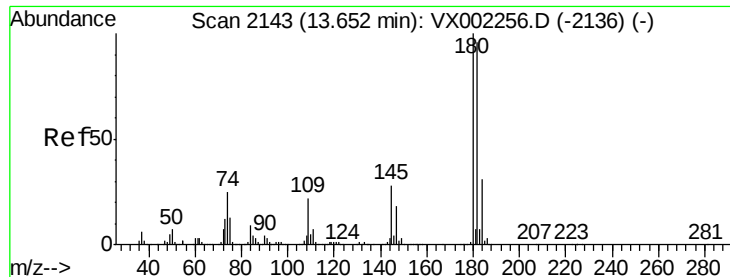
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 6/13/2018 1:59:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.224 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	45.8	137.4
157	116.1	60.1	180.3





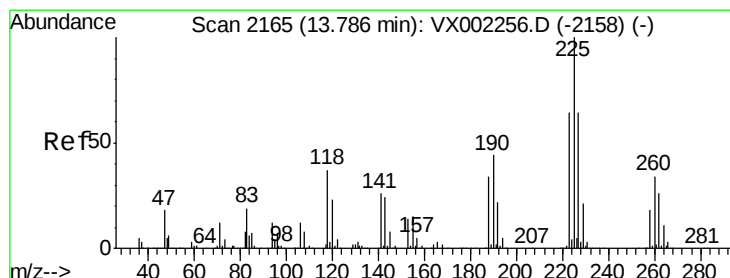
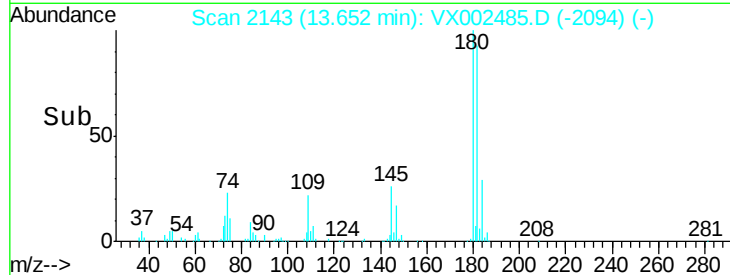
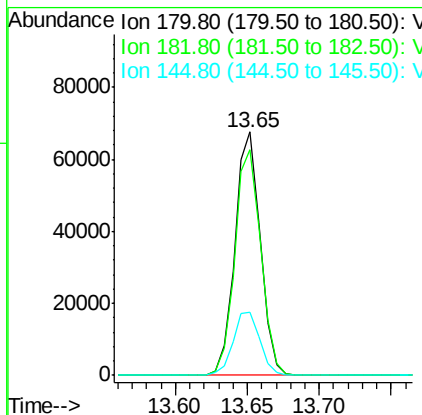
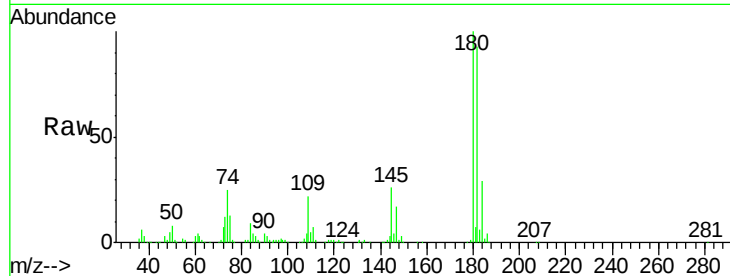
#93
 1,2,4-Trichlorobenzene
 Concen: 19.110 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	83173		
182	95.2	47.7	143.1	
145	27.6	14.1	42.4	

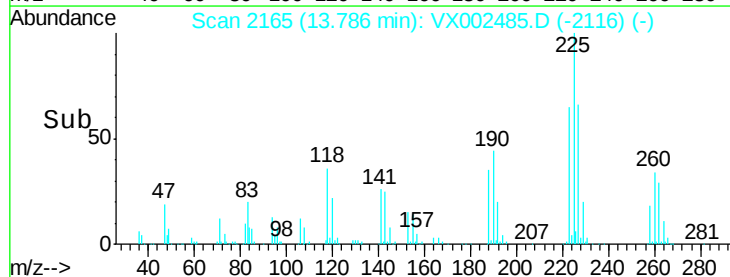
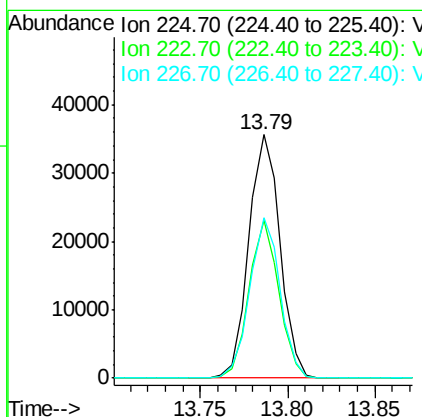
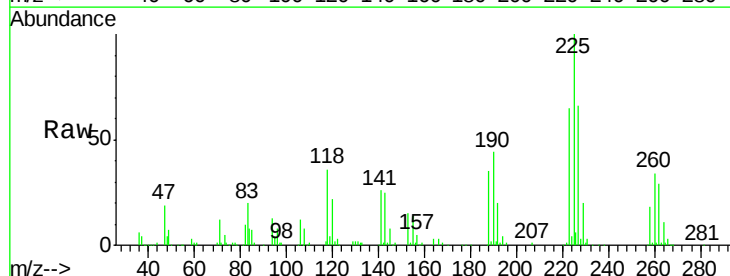
Manual Integrations
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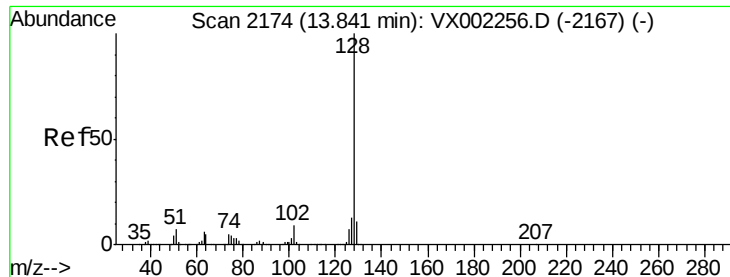
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#94
 Hexachlorobutadiene
 Concen: 20.467 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44019		
223	62.2	31.6	95.0	
227	64.5	32.4	97.2	





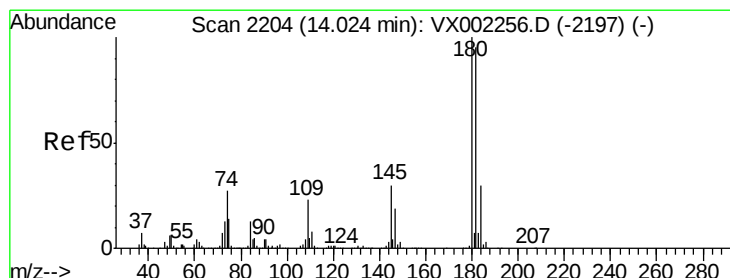
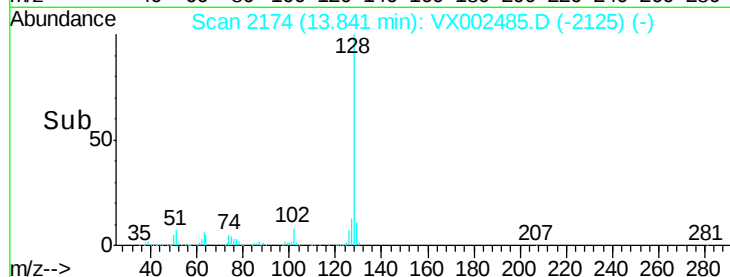
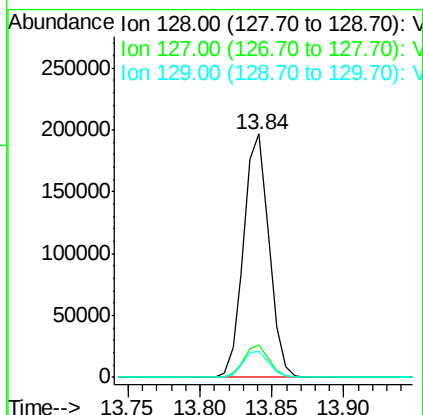
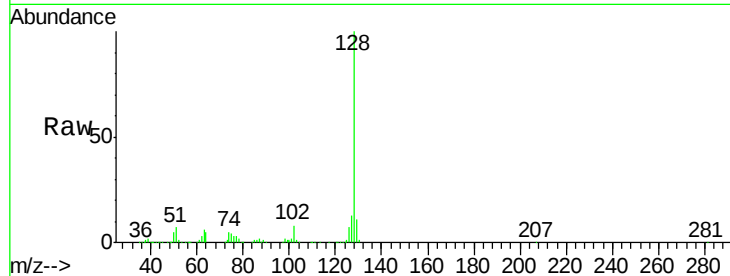
#95
Naphthalene
Concen: 19.302 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.403 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.0
145	30.7	14.8	44.3

