

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001076.D
 Acq On : 24 Apr 2018 11:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:09 AM

Quant Time: Apr 25 07:19:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161437	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	5.51	113	131969	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.72	98	459411	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
62) 4-Bromofluorobenzene	11.14	95	195328	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	164433	49.958	ug/l	99
3) Chloromethane	1.32	50	138401	45.156	ug/l	99
4) Vinyl Chloride	1.40	62	141976	44.695	ug/l	100
5) Bromomethane	1.64	94	90933	49.724	ug/l	98
6) Chloroethane	1.73	64	86622	45.890	ug/l	100
7) Trichlorofluoromethane	1.93	101	229752	48.140	ug/l	100
8) Diethyl Ether	2.19	74	86461	49.050	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	131951	47.190	ug/l	99
10) Methyl Iodide	2.51	142	122256	45.171	ug/l	99
11) Tert butyl alcohol	3.07	59	139418	274.789	ug/l	100
12) 1,1-Dichloroethene	2.38	96	117177	45.317	ug/l	99
13) Acrolein	2.29	56	68761	426.925	ug/l	98
14) Allyl chloride	2.73	41	222701	47.590	ug/l	98
15) Acrylonitrile	3.15	53	338455	246.488	ug/l	100
16) Acetone	2.45	43	361550	285.402	ug/l	99
17) Carbon Disulfide	2.57	76	305186	41.413	ug/l	100
18) Methyl Acetate	2.78	43	215935	56.331	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	440758	50.704	ug/l	99
20) Methylene Chloride	2.86	84	135903	50.928	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	128034	44.479	ug/l	97
22) Diisopropyl ether	3.87	45	441507	48.739	ug/l	98
23) Vinyl Acetate	3.83	43	1844300	245.919	ug/l	100
24) 1,1-Dichloroethane	3.70	63	236902	46.624	ug/l	99
25) 2-Butanone	4.71	43	514133	259.984	ug/l	99
26) 2,2-Dichloropropane	4.59	77	204100	46.694	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	149882	46.743	ug/l	100
28) Bromochloromethane	5.03	49	103719	53.081	ug/l	98
29) Tetrahydrofuran	5.17	42	313498	250.868	ug/l	99
30) Chloroform	5.22	83	256515	48.746	ug/l	97
31) Cyclohexane	5.58	56	211462	44.586	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	226328	47.969	ug/l	99
36) 1,1-Dichloropropene	5.81	75	186840	44.289	ug/l	100
37) Ethyl Acetate	4.87	43	193522	50.008	ug/l	99
38) Carbon Tetrachloride	5.79	117	200662	46.974	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001076.D
 Acq On : 24 Apr 2018 11:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:09 AM

Quant Time: Apr 25 07:19:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	227227	46.274	ug/l	98
40) Benzene	6.15	78	548762	46.788	ug/l	100
41) Methacrylonitrile	5.07	41	116288	48.121	ug/l	99
42) 1,2-Dichloroethane	6.20	62	220865	49.060	ug/l	99
43) Isopropyl Acetate	6.47	43	333631	50.252	ug/l	99
44) Trichloroethene	7.22	130	163536	45.639	ug/l	98
45) 1,2-Dichloropropane	7.53	63	145151	49.218	ug/l	100
46) Dibromomethane	7.67	93	100648	48.844	ug/l	99
47) Bromodichloromethane	7.90	83	195415	51.192	ug/l	97
48) Methyl methacrylate	7.78	41	179174	50.121	ug/l	98
49) 1,4-Dioxane	7.76	88	58146	1106.084	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1045195	259.283	ug/l	100
52) Toluene	8.79	92	365119	47.696	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	232884	51.012	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	224889	52.240	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	152192	50.020	ug/l	99
56) Ethyl methacrylate	9.19	69	228185	51.060	ug/l	98
57) 1,3-Dichloropropane	9.38	76	247504	49.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	515463	236.336	ug/l	99
59) 2-Hexanone	9.50	43	817894	265.077	ug/l	98
60) Dibromochloromethane	9.59	129	167701	52.478	ug/l	99
61) 1,2-Dibromoethane	9.68	107	163334	50.866	ug/l	99
64) Tetrachloroethene	9.34	164	170460	46.621	ug/l	99
65) Chlorobenzene	10.14	112	433276	47.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	161467	51.313	ug/l	100
67) Ethyl Benzene	10.26	91	718633	47.202	ug/l	100
68) m/p-Xylenes	10.37	106	574195	95.691	ug/l	100
69) o-Xylene	10.70	106	275655	47.650	ug/l	98
70) Styrene	10.72	104	468249	49.148	ug/l	100
71) Bromoform	10.86	173	138550	47.440	ug/l #	99
73) Isopropylbenzene	11.02	105	752616	47.027	ug/l	100
74) N-amyl acetate	6.47	43	333631	48.733	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228626	50.464	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	221824m	52.228	ug/l	
77) Bromobenzene	11.26	156	219700	47.293	ug/l	99
78) n-propylbenzene	11.37	91	859450	46.779	ug/l	100
79) 2-Chlorotoluene	11.43	91	509441	46.924	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	651884	48.053	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	61742	44.960	ug/l	98
82) 4-Chlorotoluene	11.52	91	612386	46.683	ug/l	99
83) tert-Butylbenzene	11.77	119	640589	46.807	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	670329	48.014	ug/l	99
85) sec-Butylbenzene	11.95	105	774752	47.426	ug/l	100
86) p-Isopropyltoluene	12.07	119	725194	47.989	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	397785	45.740	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	410952	46.037	ug/l	100
89) n-Butylbenzene	12.39	91	626623	46.605	ug/l	100
90) Hexachloroethane	12.60	117	108237	50.547	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	399758	47.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50632	53.348	ug/l	96

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
Data File : VX001076.D
Acq On : 24 Apr 2018 11:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

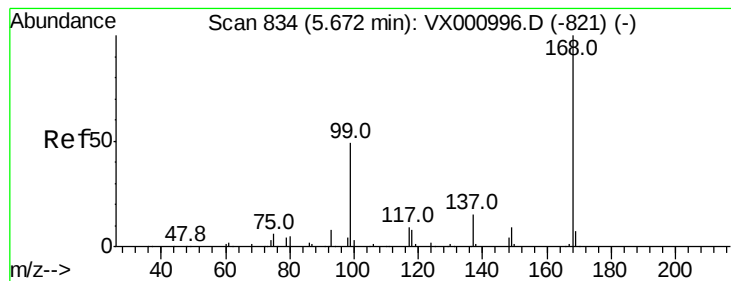
Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM

Quant Time: Apr 25 07:19:24 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	325835	46.103	ug/l	100
94) Hexachlorobutadiene	13.79	225	149718	46.817	ug/l	99
95) Naphthalene	13.84	128	867646	49.916	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	319888	46.797	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 265393

Ion Ratio Lower Upper

168 100

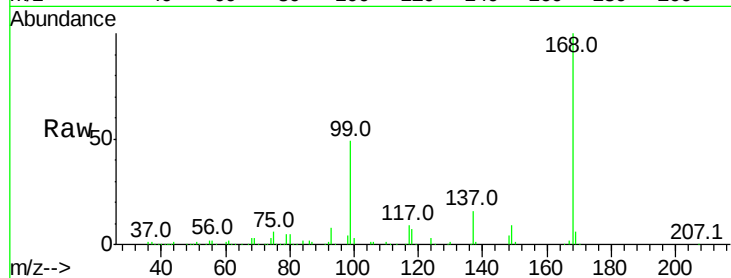
99 49.0 39.2 58.8

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:09 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

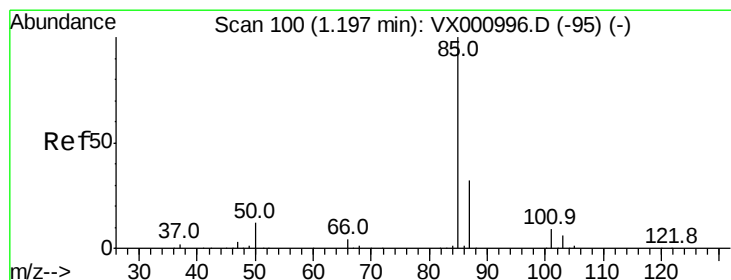
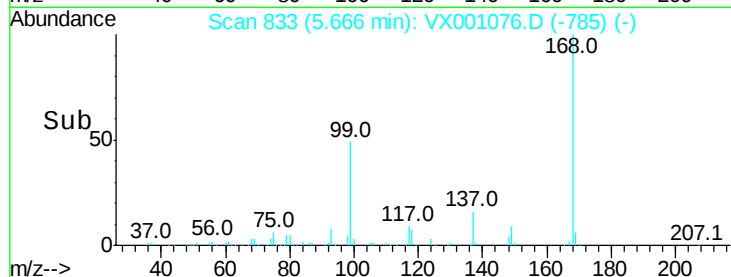
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.958 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001076.D

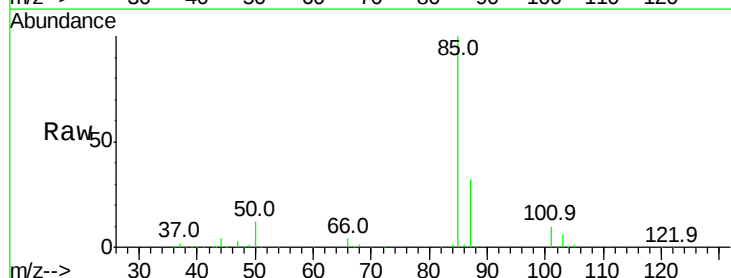
Acq: 24 Apr 2018 11:43

Tgt Ion: 85 Resp: 164433

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

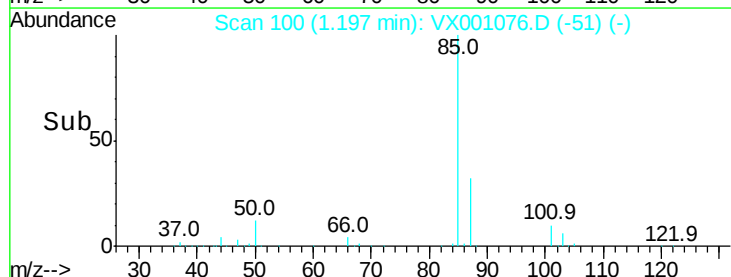
150000

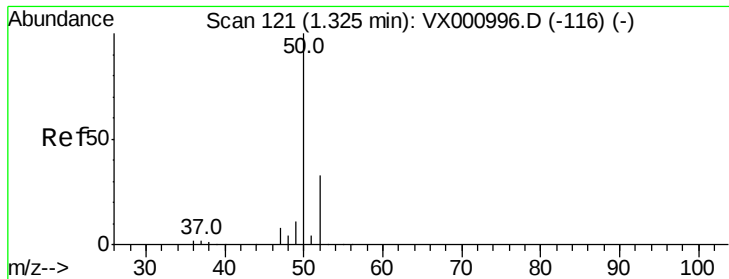
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.156 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 138401

Ion Ratio Lower Upper

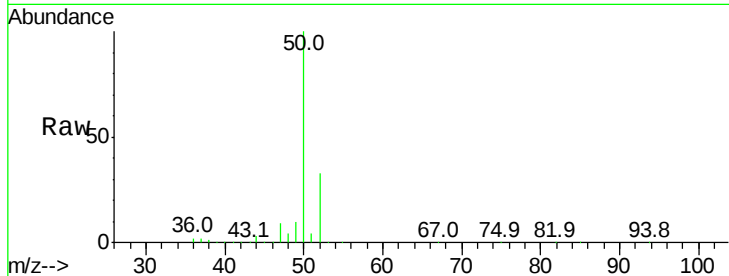
50 100

52 33.4 26.3 39.5

Manual Integrations
APPROVED

Sohil

4/26/2018 4:06:09 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

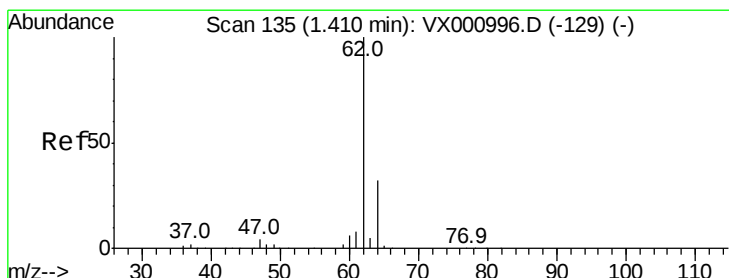
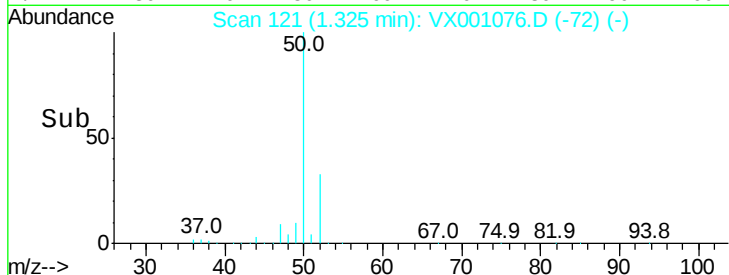
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 44.695 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001076.D

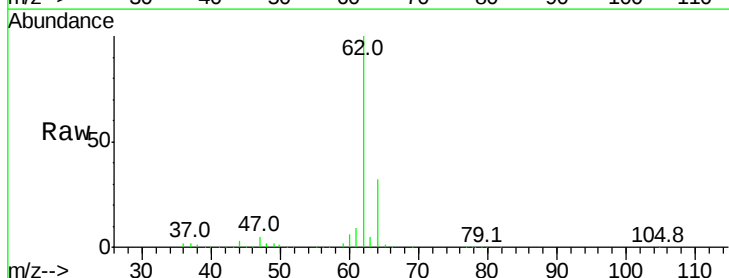
Acq: 24 Apr 2018 11:43

Tgt Ion: 62 Resp: 141976

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

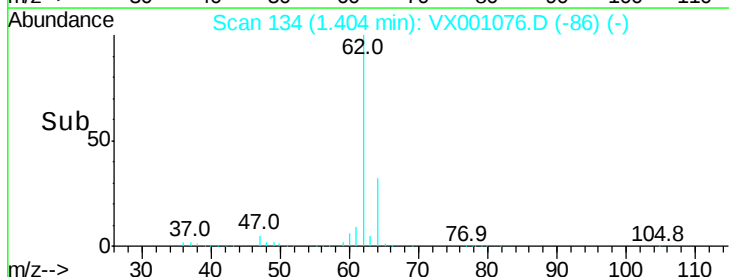
150000

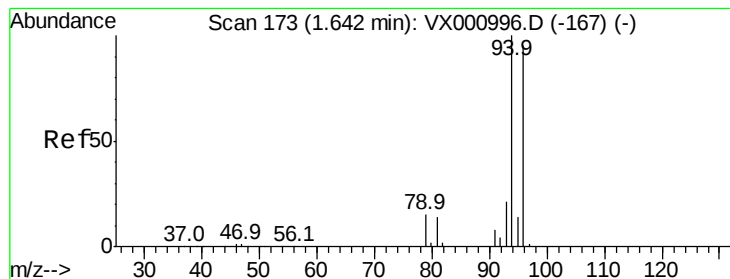
100000

50000

0

Time-->





#5

Bromomethane

Concen: 49.724 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 90933

Ion Ratio Lower Upper

94 100

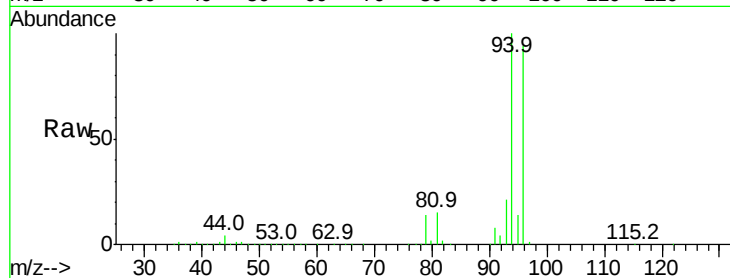
96 93.5 76.0 114.0

Manual Integrations

APPROVED

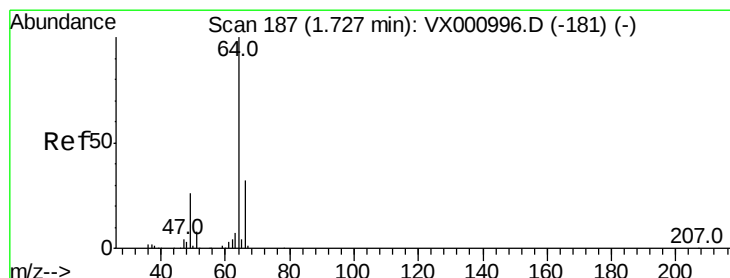
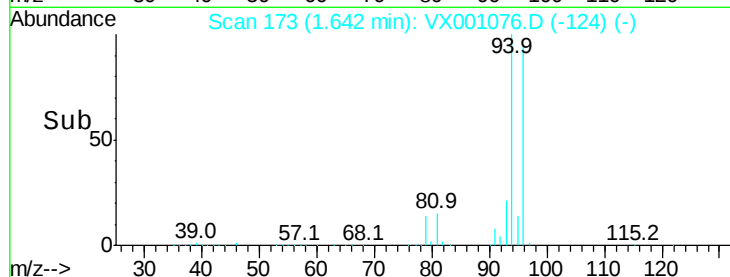
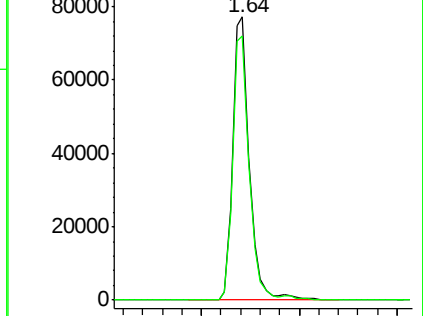
Sohil

4/26/2018 4:06:09 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.890 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001076.D

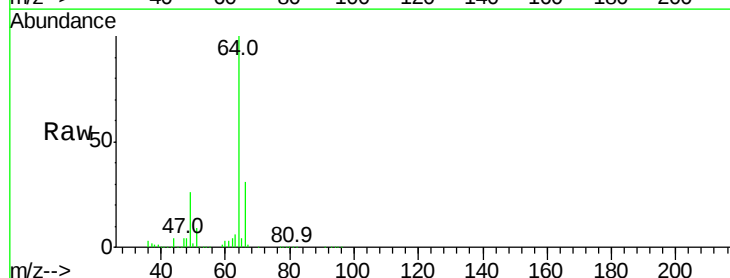
Acq: 24 Apr 2018 11:43

Tgt Ion: 64 Resp: 86622

Ion Ratio Lower Upper

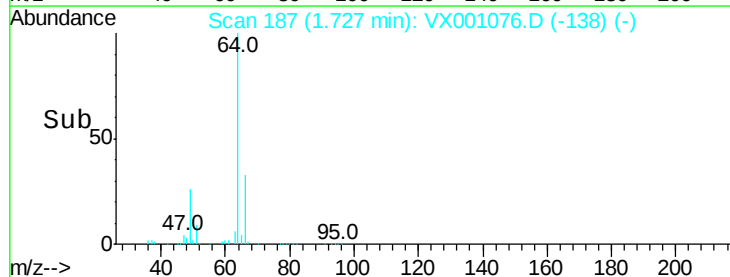
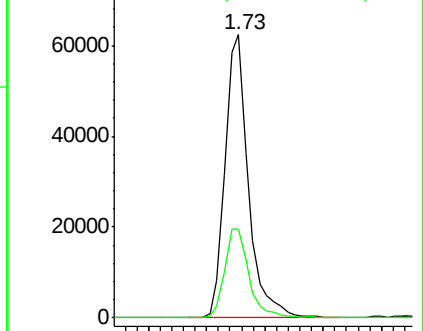
64 100

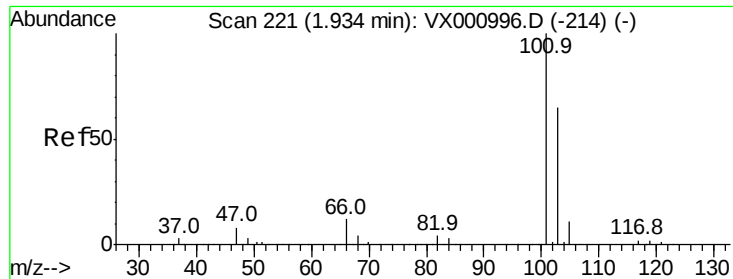
66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

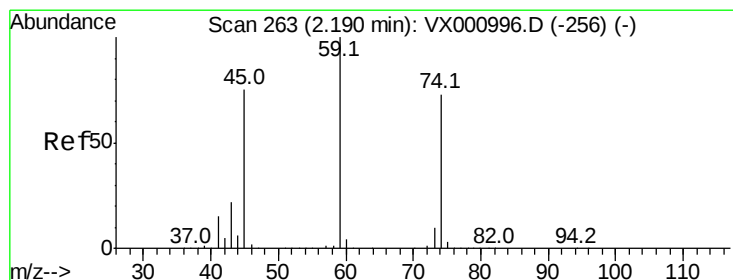
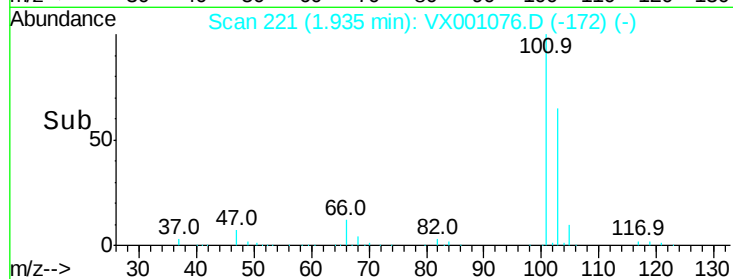
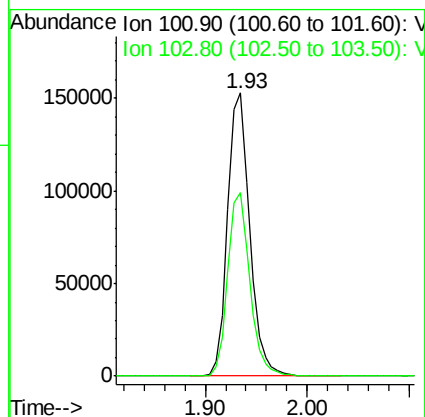
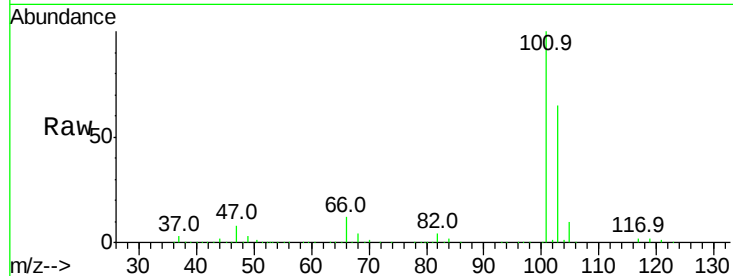
Trichlorofluoromethane
Concen: 48.140 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.8	77.8

Manual Integrations
APPROVED

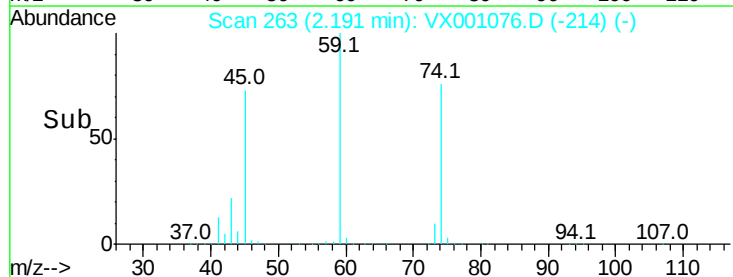
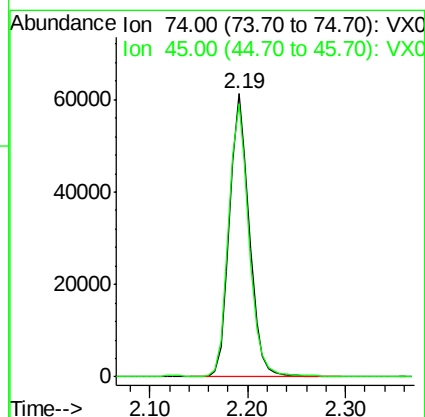
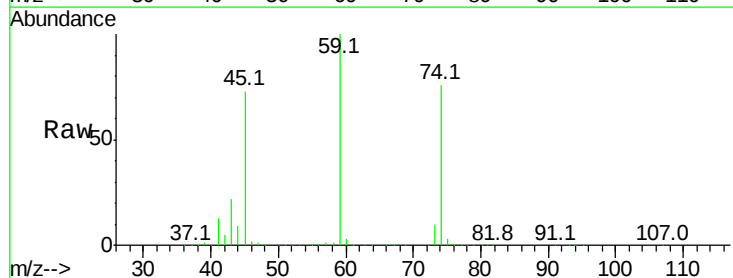
Sohil
4/26/2018 4:06:09 AM

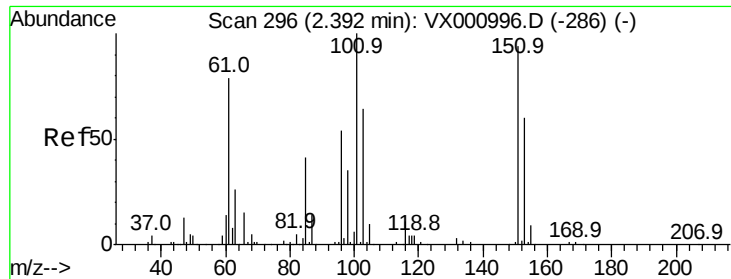


#8

Diethyl Ether
Concen: 49.050 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.0	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.190 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

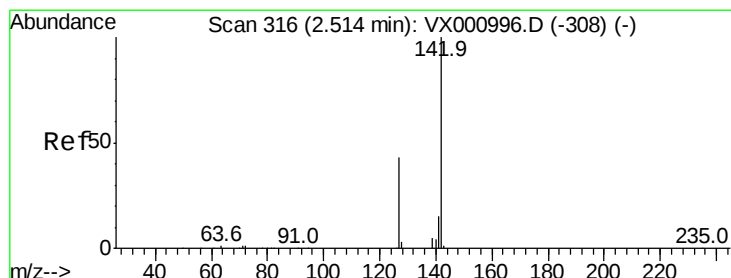
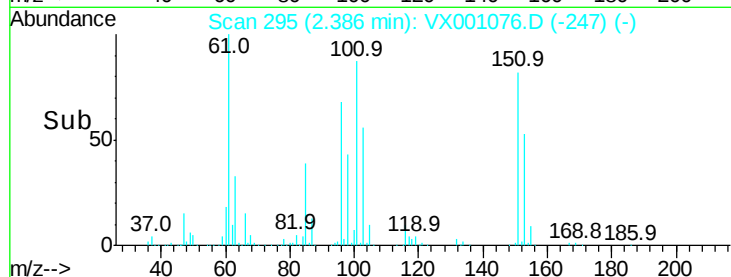
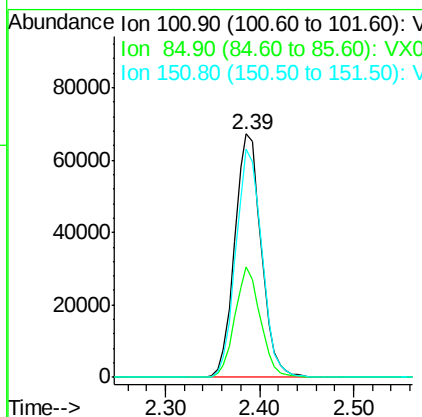
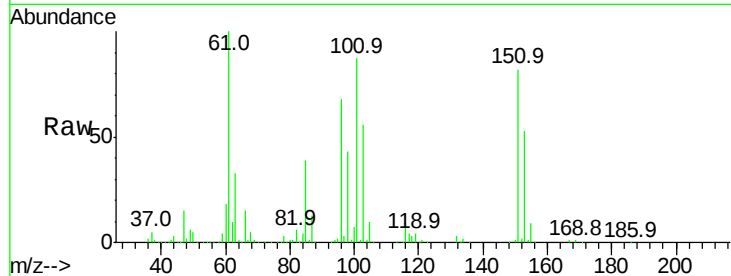
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	131951
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.9	50.9
151	92.6	73.5	110.3

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



#10

Methyl Iodide

Concen: 45.171 ug/l

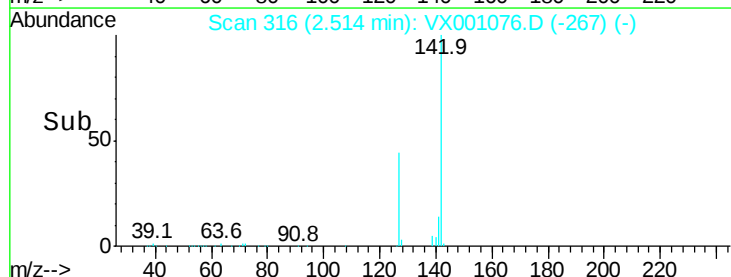
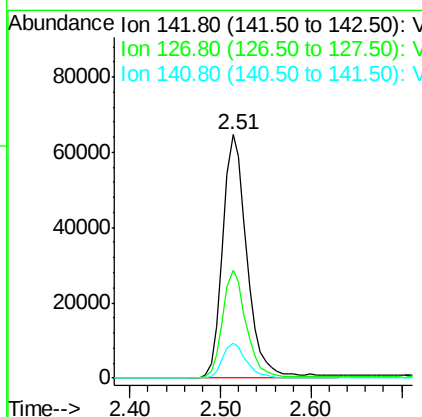
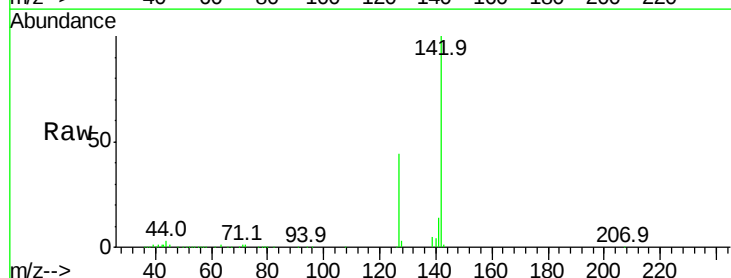
RT: 2.51 min Scan# 316

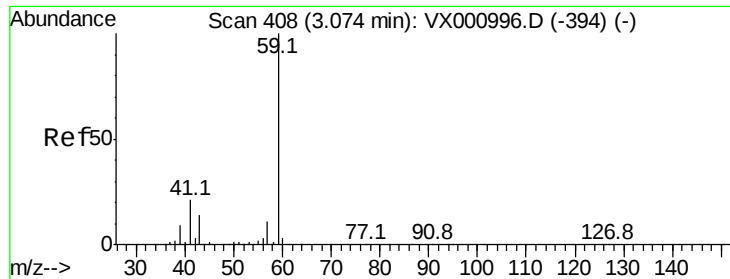
Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion:	142	Resp:	122256
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.0	51.0
141	14.2	11.4	17.2





#11

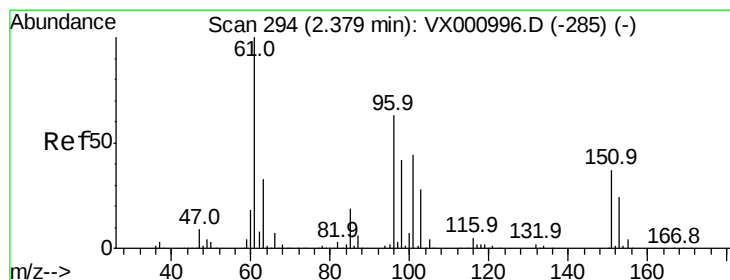
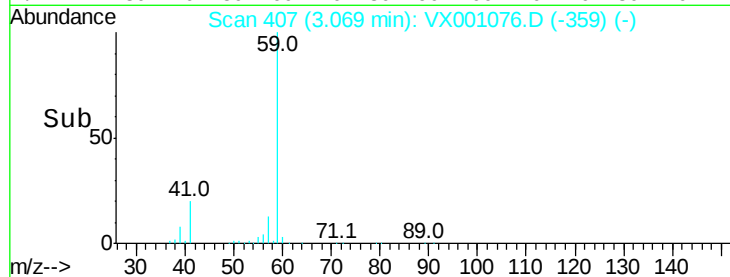
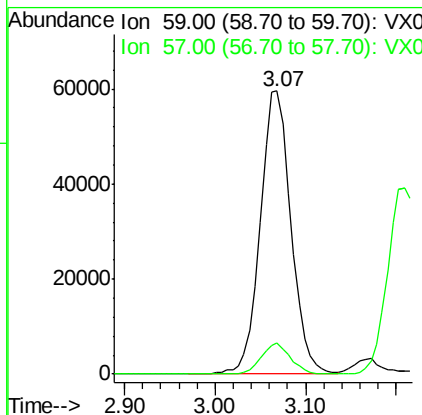
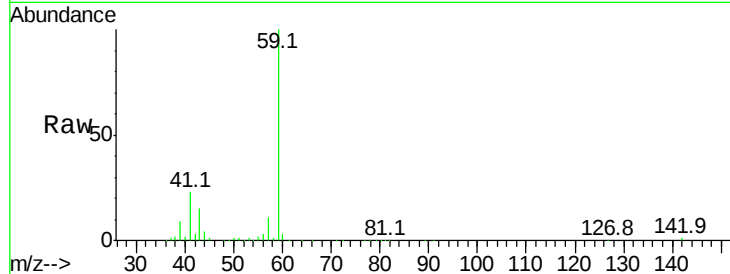
Tert butyl alcohol
Concen: 274.789 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	139418
Ion Ratio	100	Lower	Upper
57	10.5	8.3	12.5

Manual Integrations
APPROVED

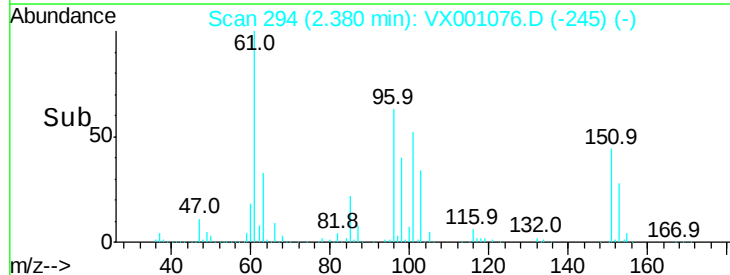
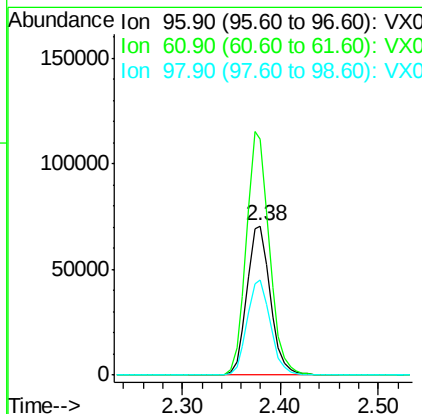
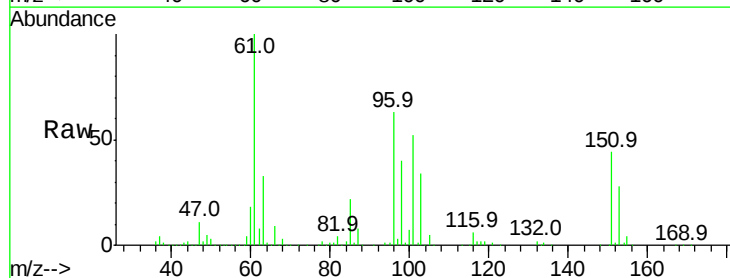
Sohil
4/26/2018 4:06:09 AM

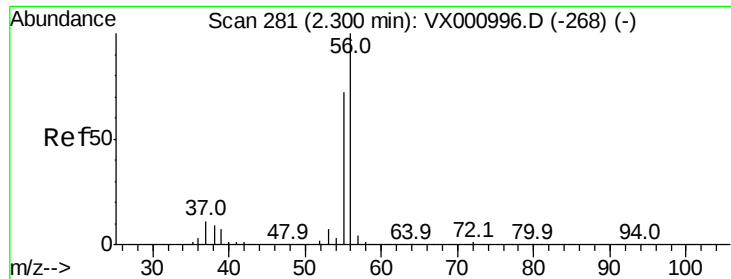


#12

1,1-Dichloroethene
Concen: 45.317 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion	96	Resp	117177
Ion Ratio	100	Lower	Upper
61	158.9	126.4	189.6
98	63.8	52.6	78.8





#13

Acrolein

Concen: 426.925 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 68761

Ion Ratio Lower Upper

56 100

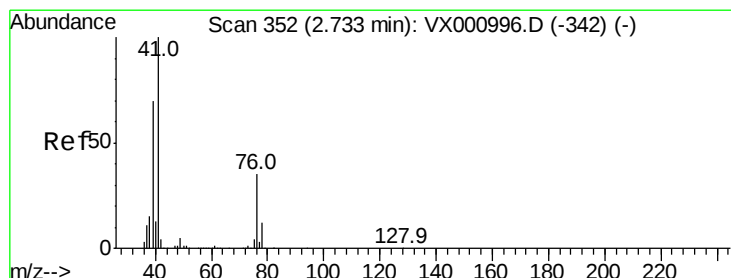
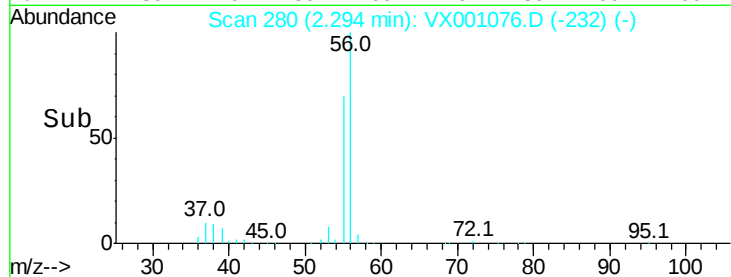
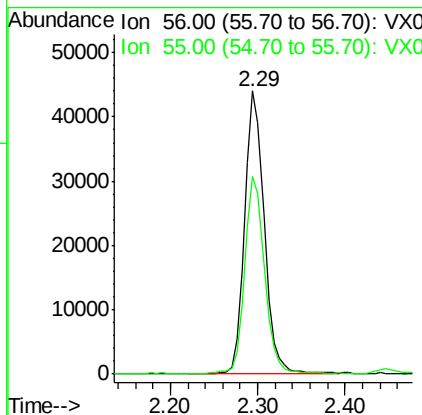
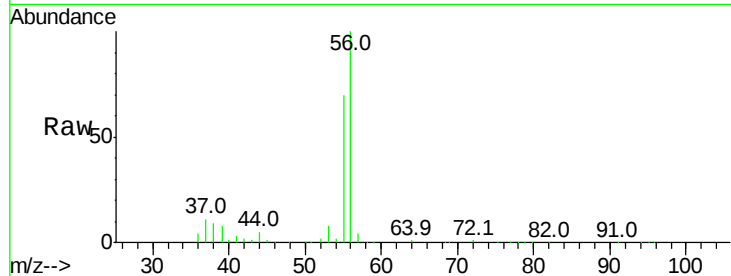
55 70.3 57.4 86.2

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:09 AM



#14

Allyl chloride

Concen: 47.590 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

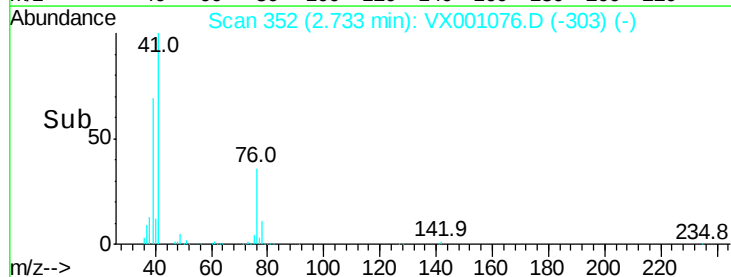
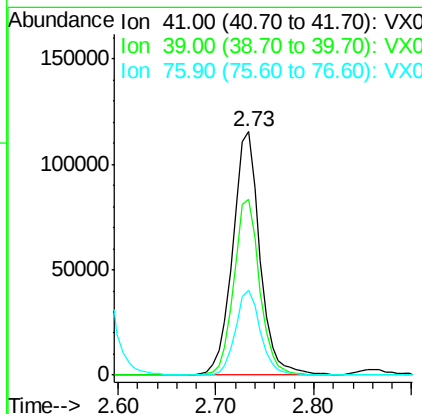
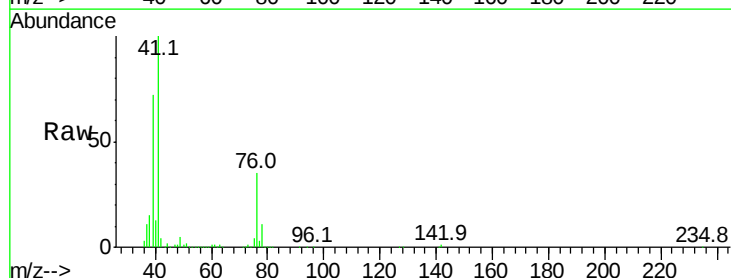
Tgt Ion: 41 Resp: 222701

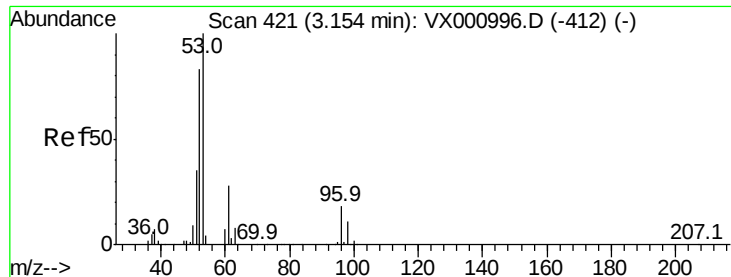
Ion Ratio Lower Upper

41 100

39 68.6 53.0 79.6

76 31.8 25.9 38.9





#15

Acrylonitrile

Concen: 246.488 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

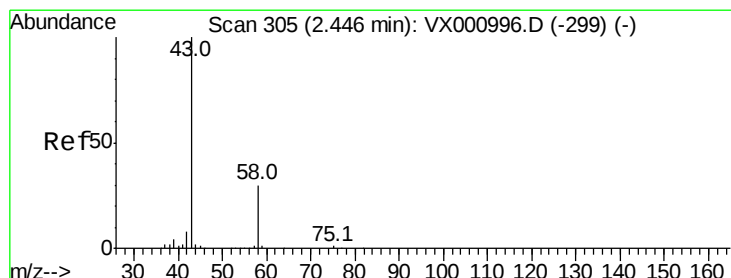
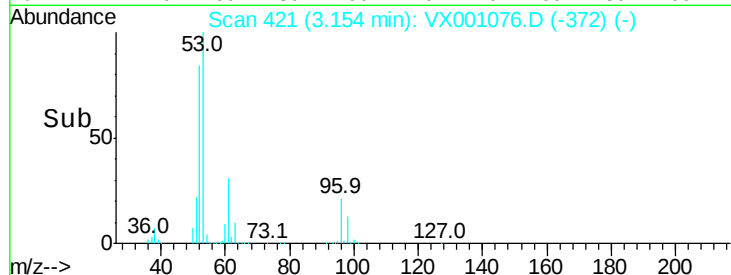
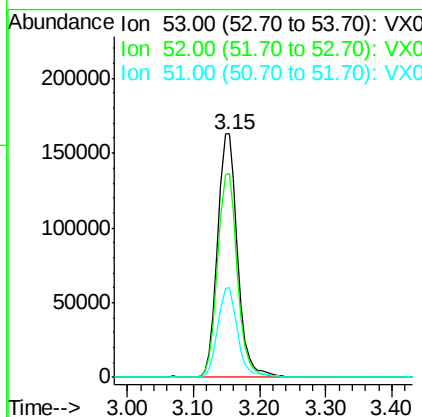
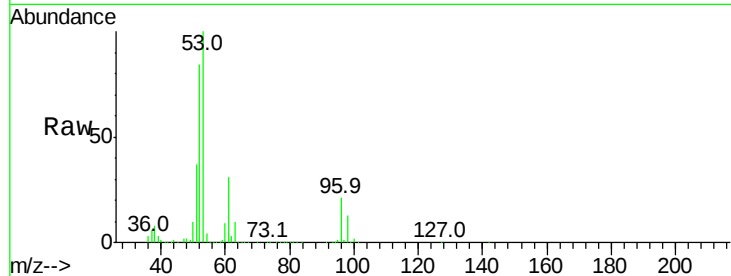
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.9	29.0	43.6

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



#16

Acetone

Concen: 285.402 ug/l

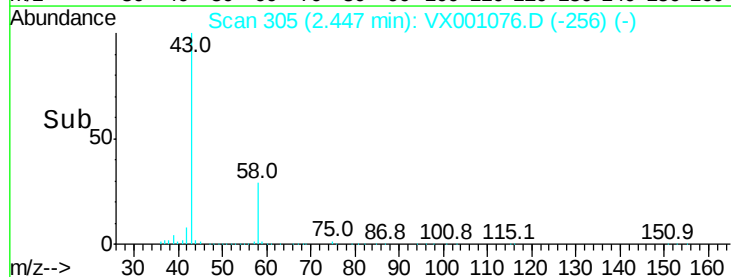
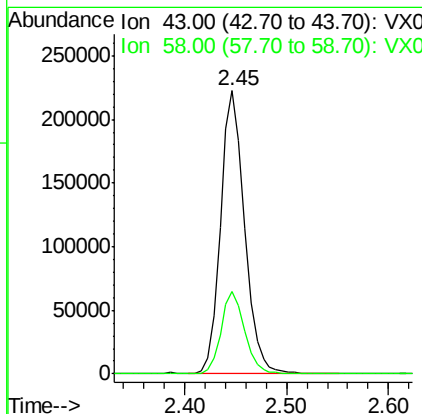
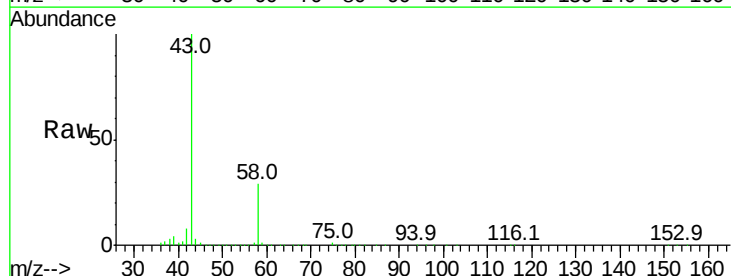
RT: 2.45 min Scan# 305

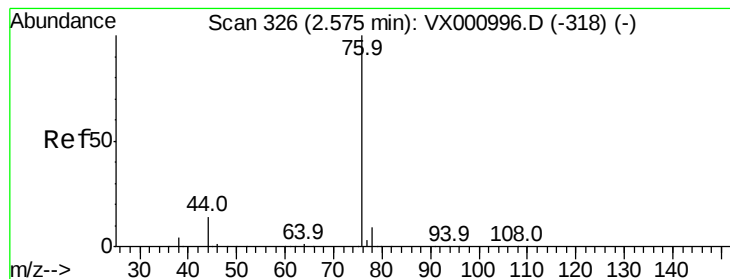
Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.7	35.5





#17

Carbon Disulfide

Concen: 41.413 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 305186

Ion Ratio Lower Upper

76 100

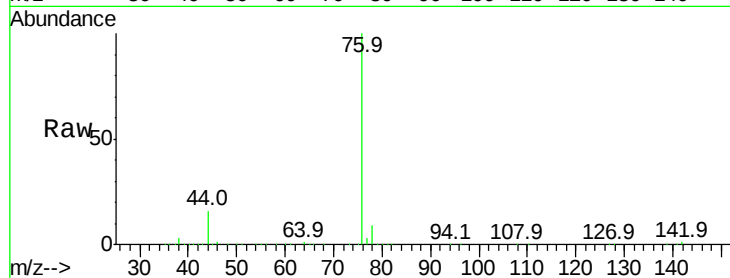
78 9.1 7.3 10.9

Manual Integrations

APPROVED

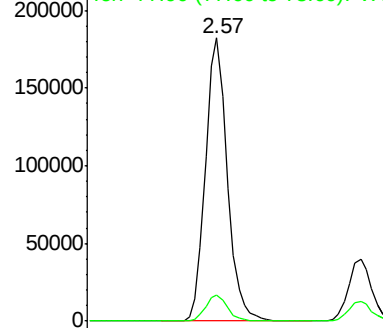
Sohil

4/26/2018 4:06:09 AM

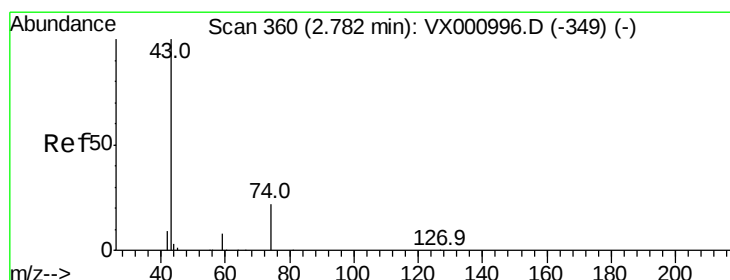
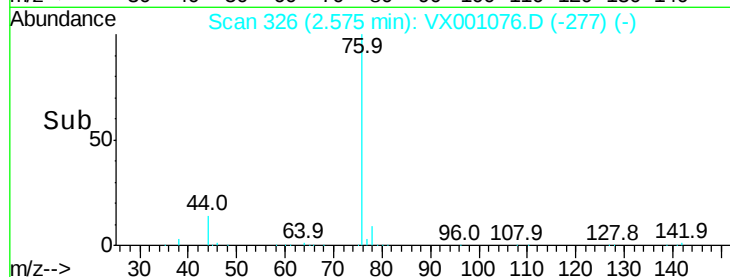


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 56.331 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001076.D

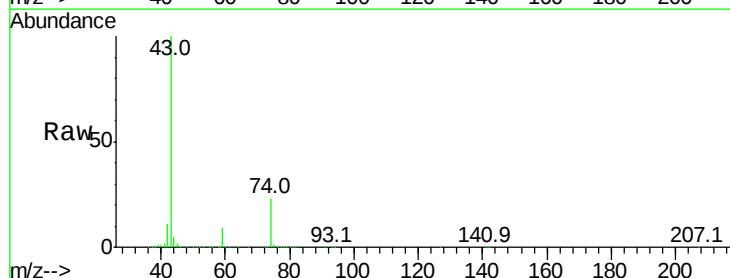
Acq: 24 Apr 2018 11:43

Tgt Ion: 43 Resp: 215935

Ion Ratio Lower Upper

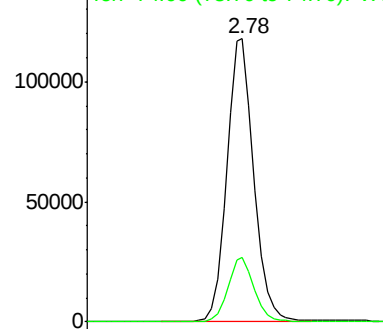
43 100

74 22.6 18.3 27.5

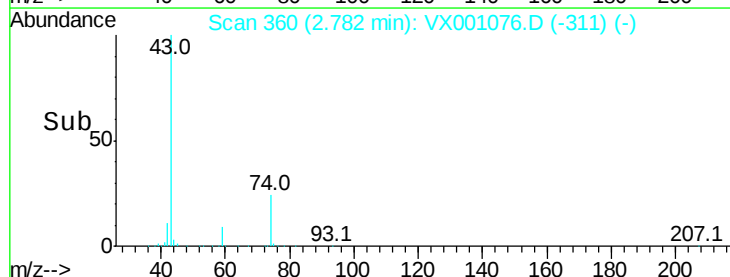


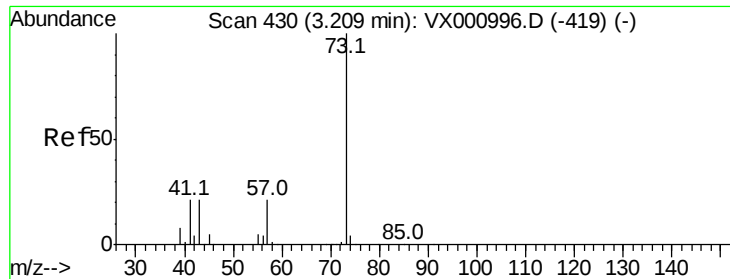
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





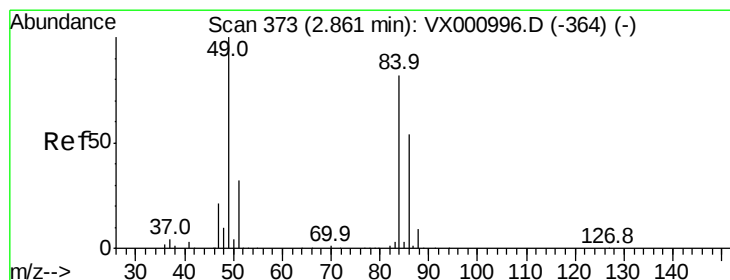
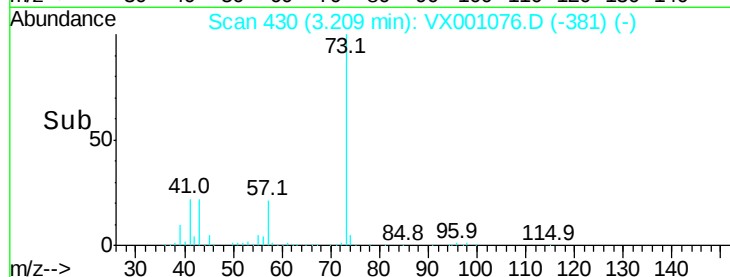
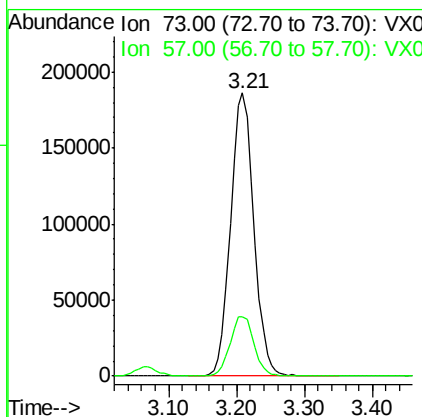
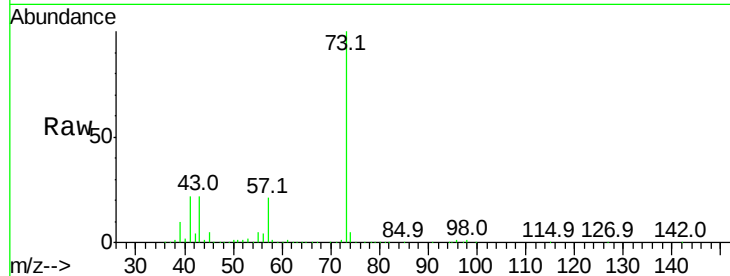
#19
Methvl tert-butvl Ether
Concen: 50.704 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.1	25.7

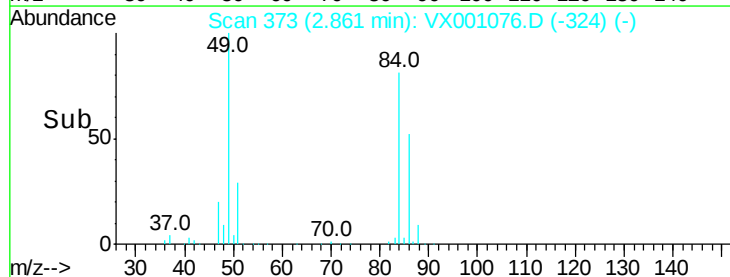
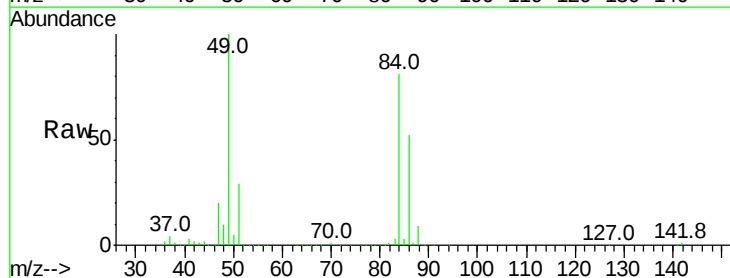
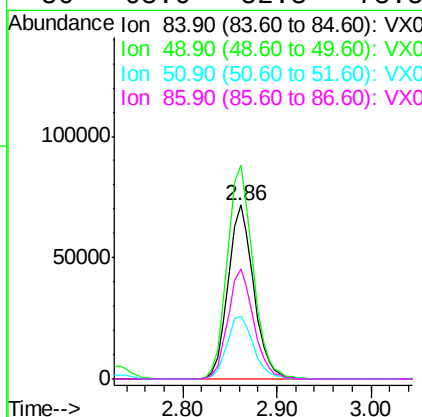
Manual Integrations
APPROVED

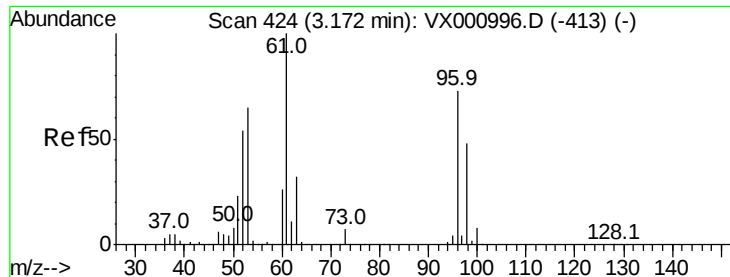
Sohil
4/26/2018 4:06:09 AM



#20
Methylene Chloride
Concen: 50.928 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.1	97.1	145.7
51	35.8	30.8	46.2
86	63.6	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 44.479 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001076.D

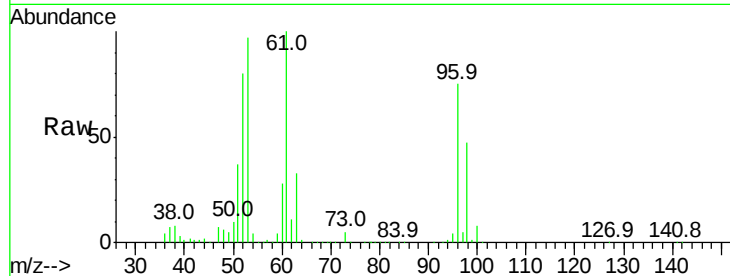
Acq: 24 Apr 2018 11:43

Tot Ion:	96	Resp:	128034
Ion	Ratio	Lower	Upper
96	100		
61	133.2	109.4	164.2
98	62.4	52.6	78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM

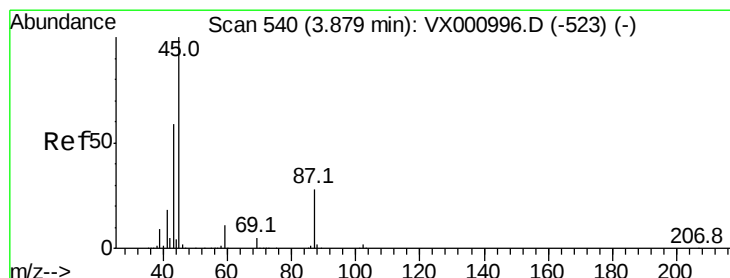
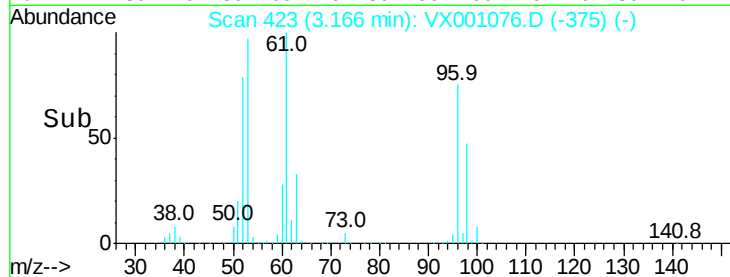
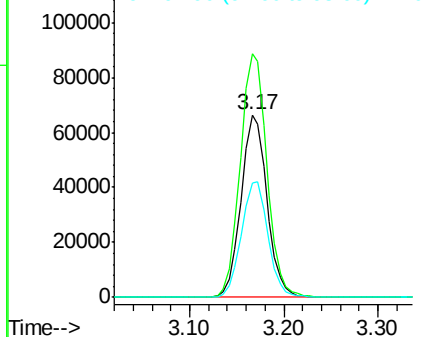


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.739 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion:	45	Resp:	441507
Ion	Ratio	Lower	Upper
45	100		
43	60.4	47.0	70.4
87	26.7	22.5	33.7
59	10.9	8.8	13.2

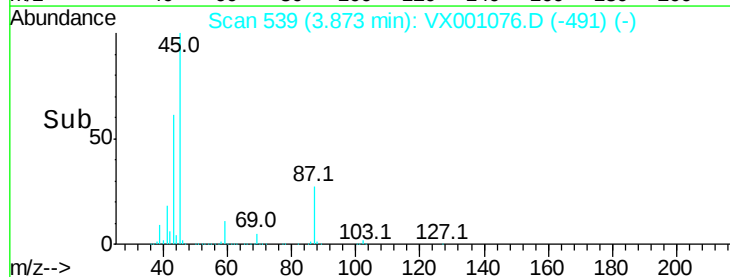
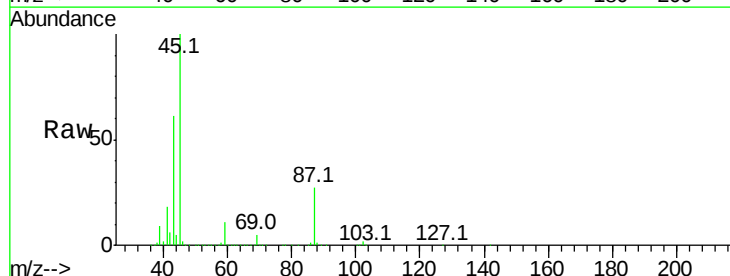
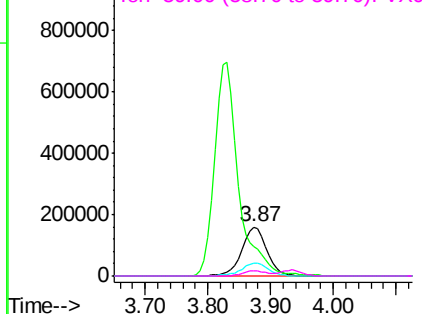
Abundance

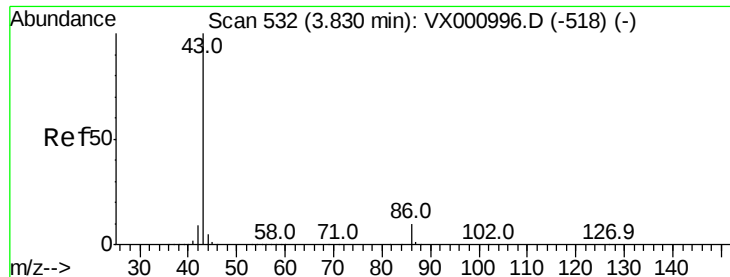
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 245.919 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1844300

Ion Ratio Lower Upper

43 100

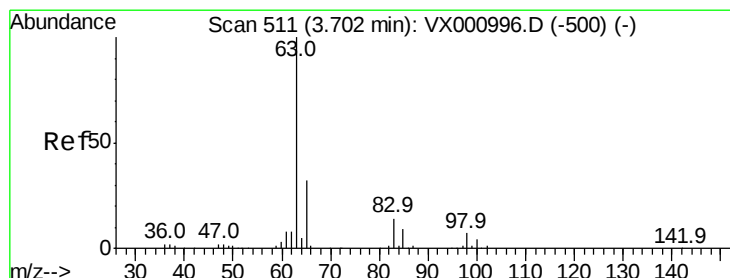
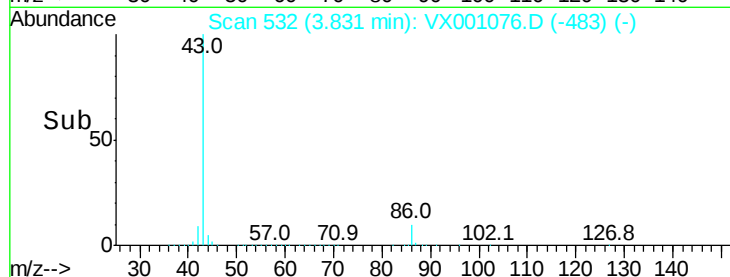
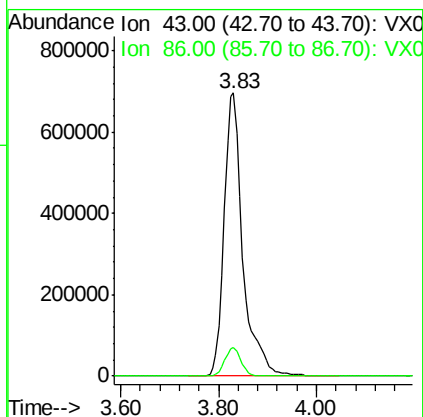
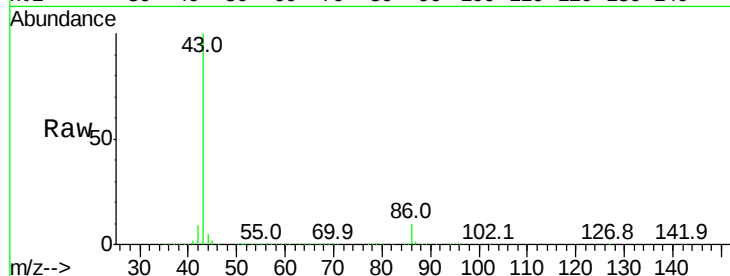
86 10.1 8.1 12.1

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:09 AM



#24

1,1-Dichloroethane

Concen: 46.624 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

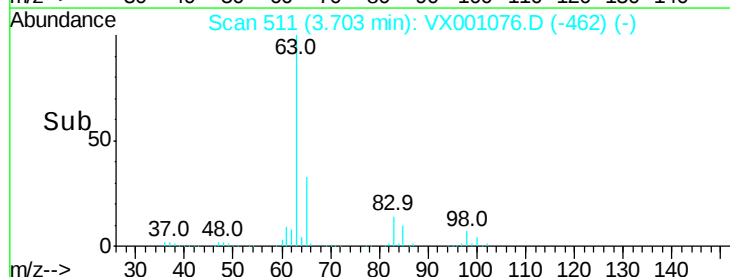
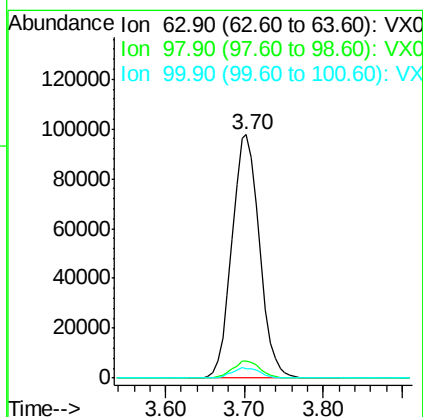
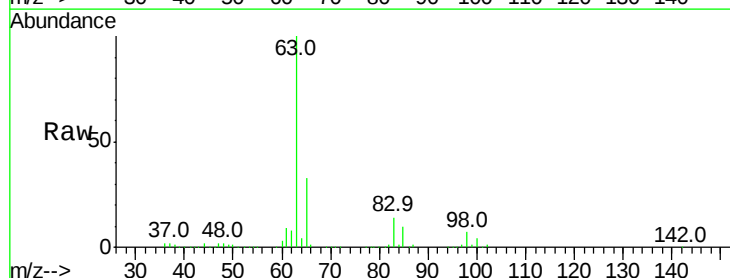
Tgt Ion: 63 Resp: 236902

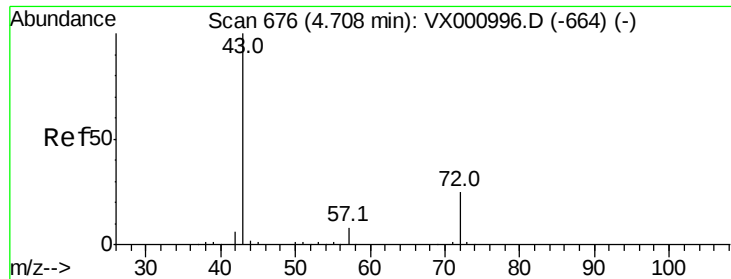
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 259.984 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 514133

Ion Ratio Lower Upper

43 100

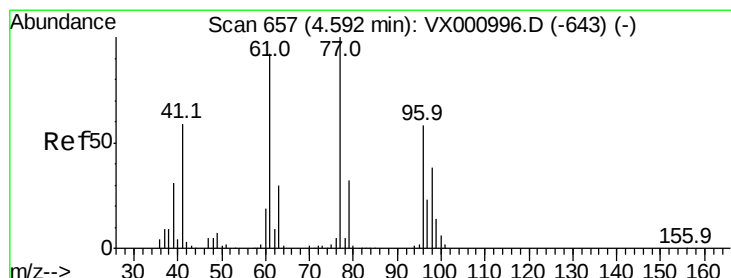
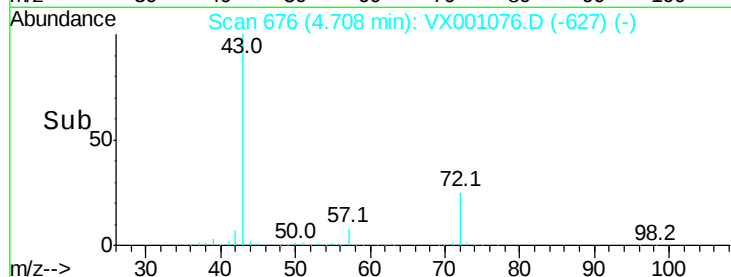
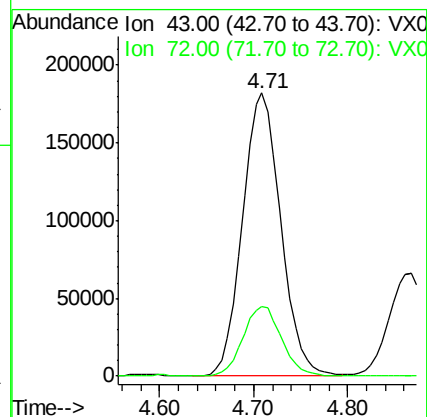
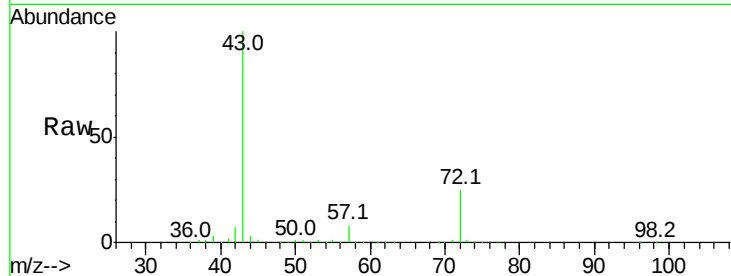
72 24.6 19.9 29.9

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:09 AM



#26

2,2-Dichloropropane

Concen: 46.694 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001076.D

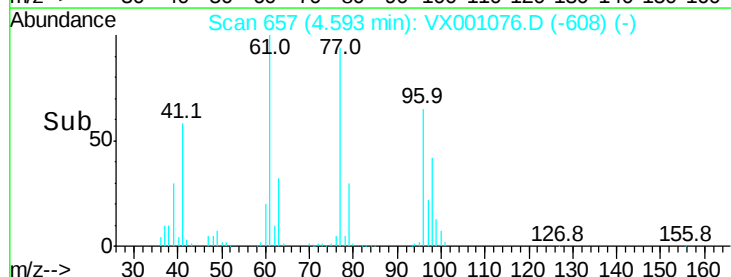
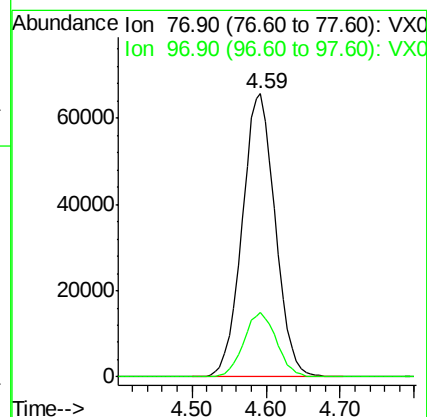
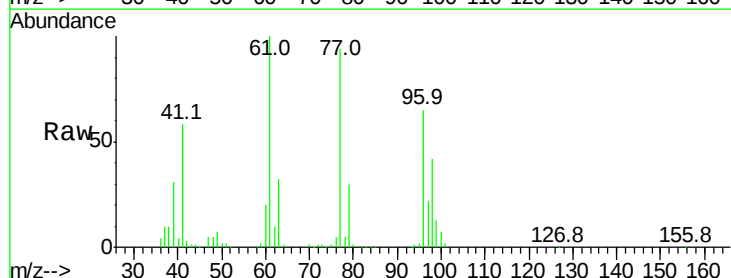
Acq: 24 Apr 2018 11:43

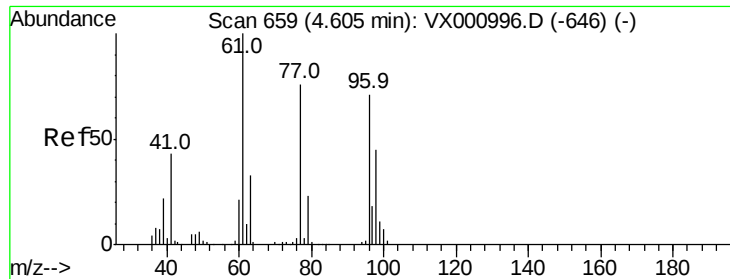
Tgt Ion: 77 Resp: 204100

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4





#27

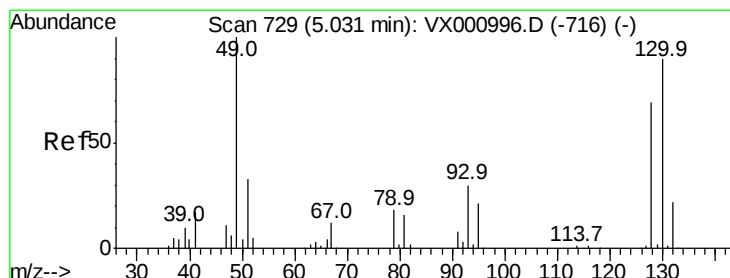
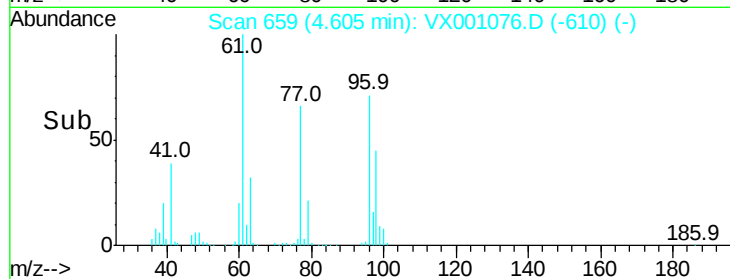
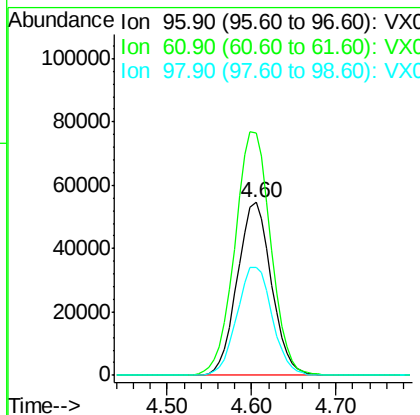
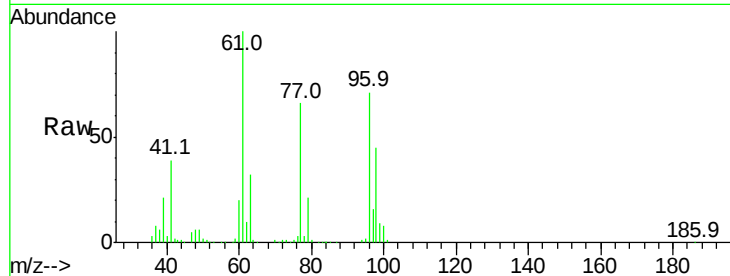
cis-1,2-Dichloroethene
 Concen: 46.743 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	149882		
61	148.2	0.0	297.0	
98	64.8	0.0	130.0	

Manual Integrations
 APPROVED

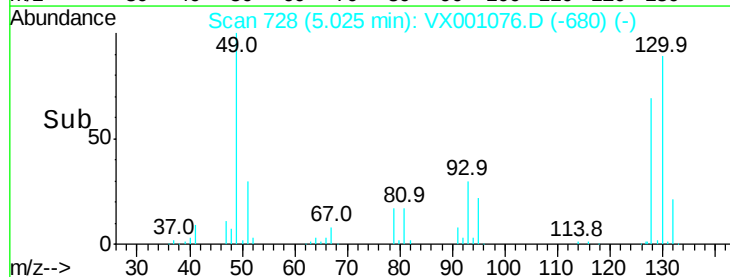
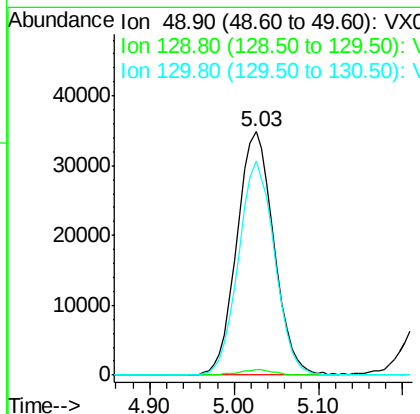
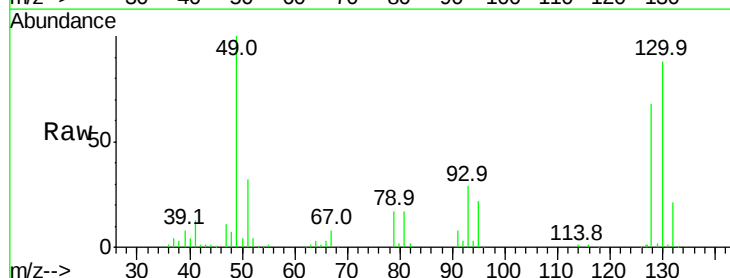
Sohil
 4/26/2018 4:06:09 AM

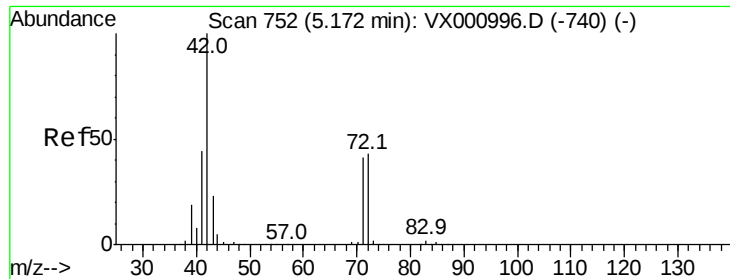


#28

Bromochloromethane
 Concen: 53.081 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	103719		
129	2.2	0.0	4.8	
130	86.0	70.6	105.8	





#29

Tetrahydrofuran

Concen: 250.868 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

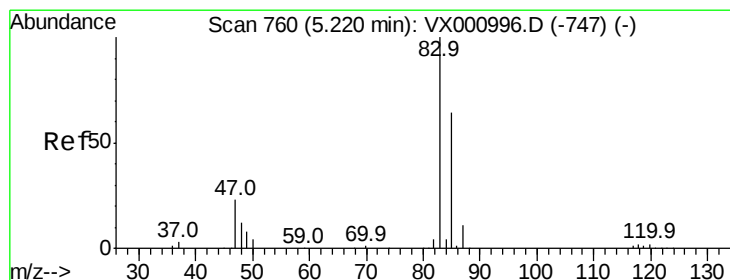
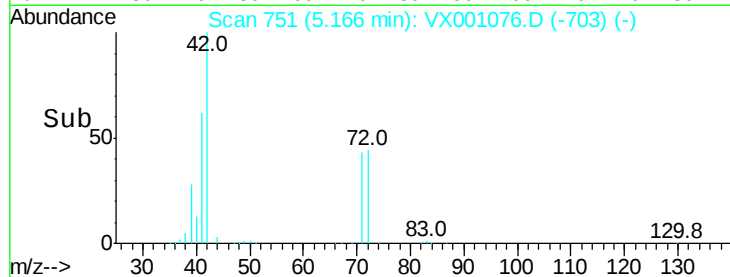
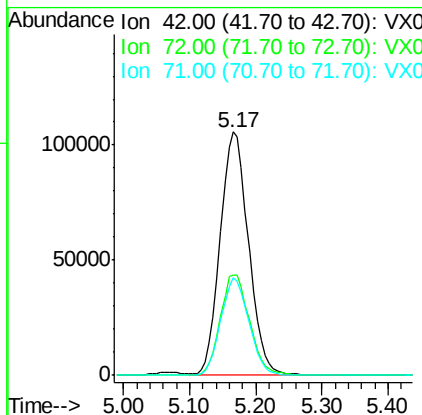
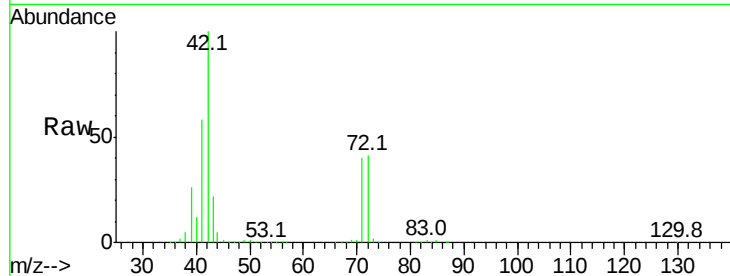
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	313498
Ion Ratio	Lower	Upper	
42	100		
72	42.8	34.6	52.0
71	39.9	32.6	49.0

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



#30

Chloroform

Concen: 48.746 ug/l

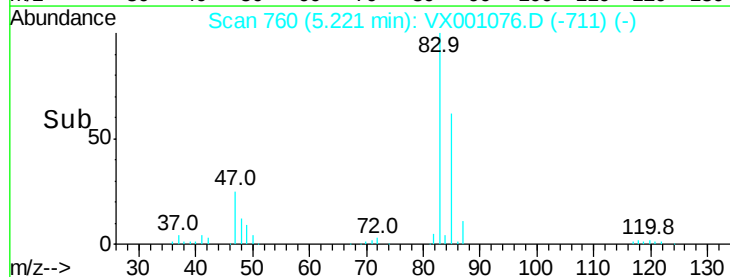
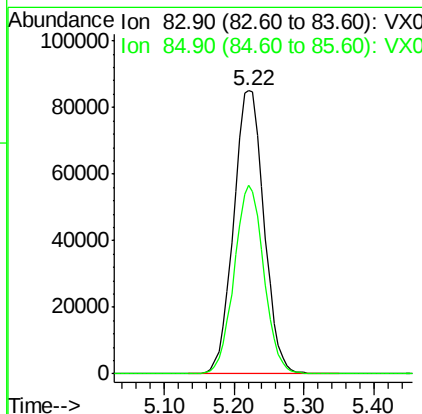
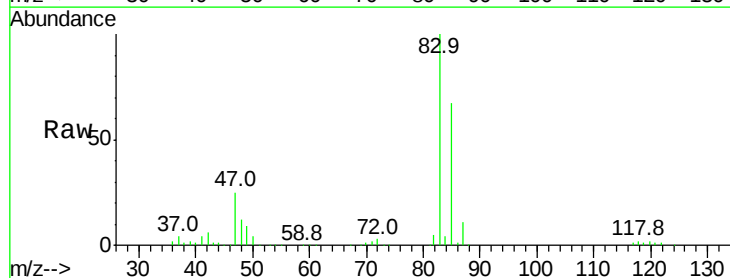
RT: 5.22 min Scan# 760

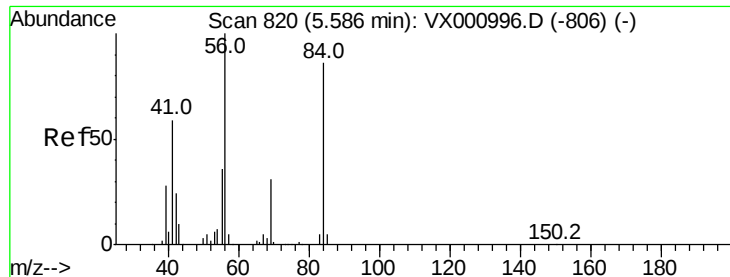
Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion:	83	Resp:	256515
Ion Ratio	Lower	Upper	
83	100		
85	66.6	51.3	76.9





#31

Cyclohexane

Concen: 44.586 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

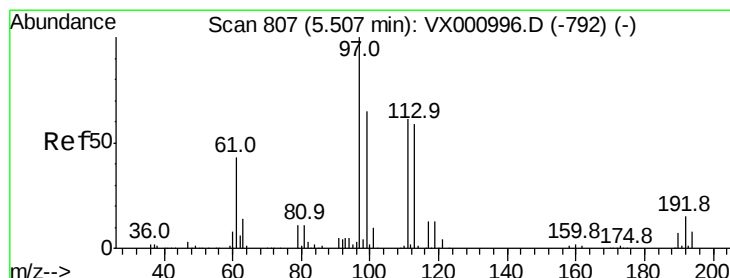
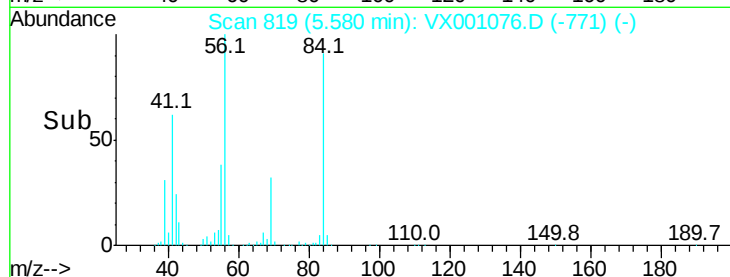
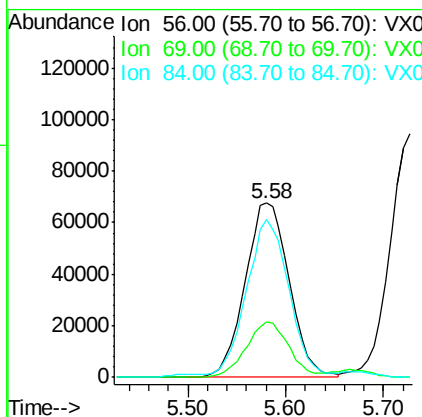
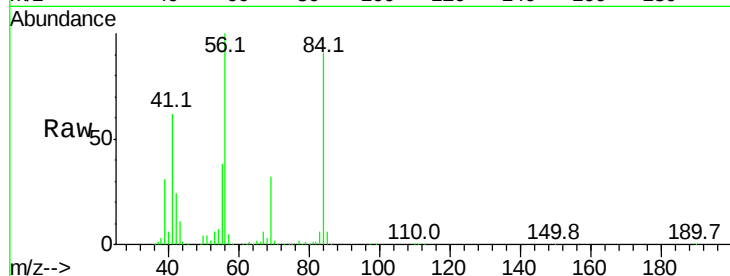
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	211462
Ion Ratio	Lower	Upper	
56	100		
69	32.1	24.6	36.8
84	88.7	69.0	103.6

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



#32

1,1,1-Trichloroethane

Concen: 47.969 ug/l

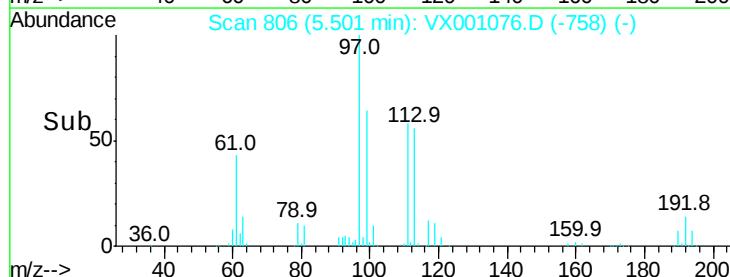
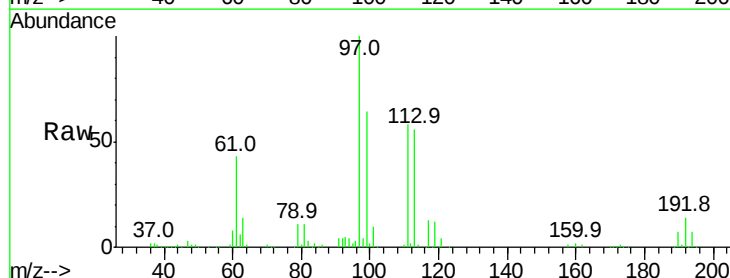
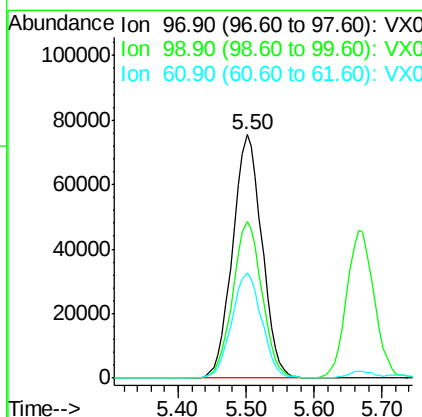
RT: 5.50 min Scan# 806

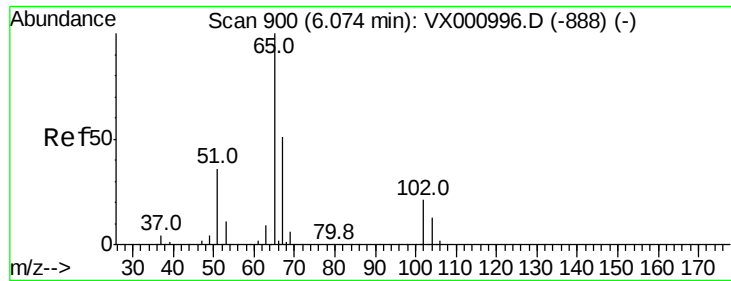
Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion:	97	Resp:	226328
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.1	76.7
61	44.0	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 47.987 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 161437

Ion Ratio Lower Upper

65 100

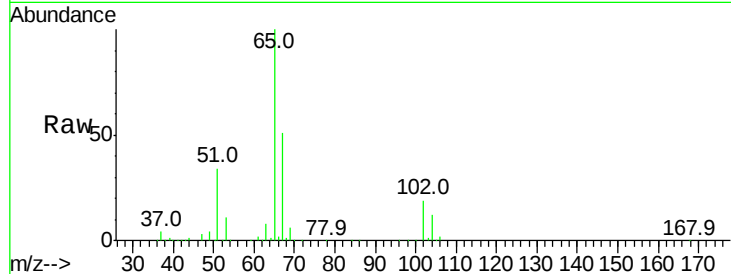
67 50.8 0.0 102.6

Manual Integrations

APPROVED

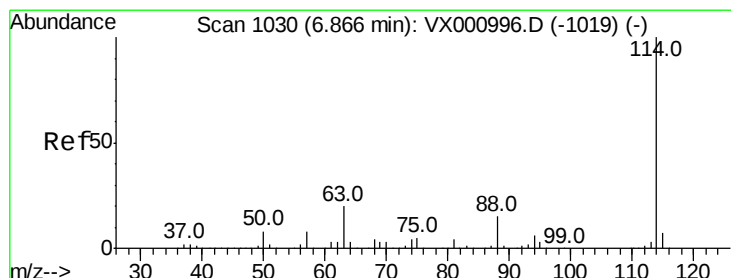
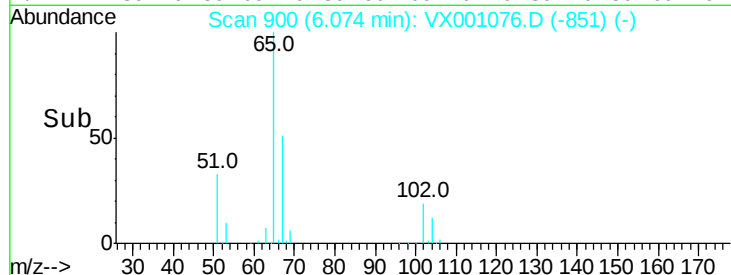
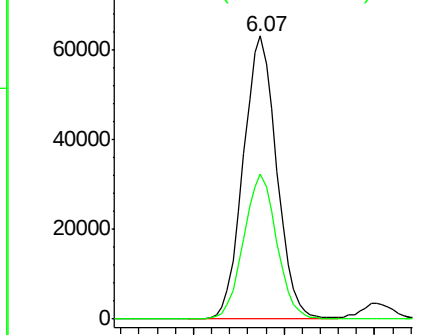
Sohil

4/26/2018 4:06:09 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

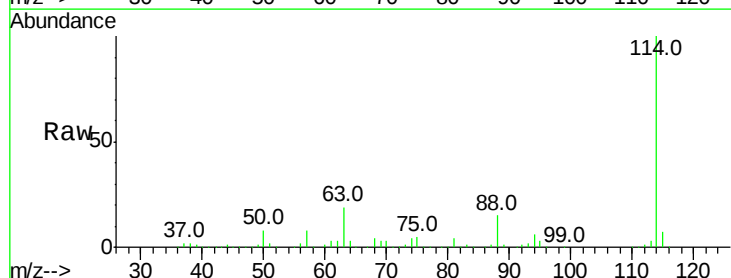
Tgt Ion:114 Resp: 358996

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

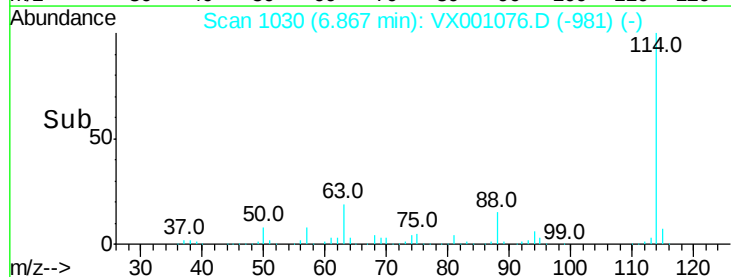
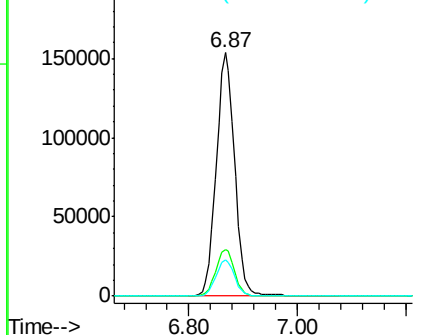
88 14.9 0.0 29.8

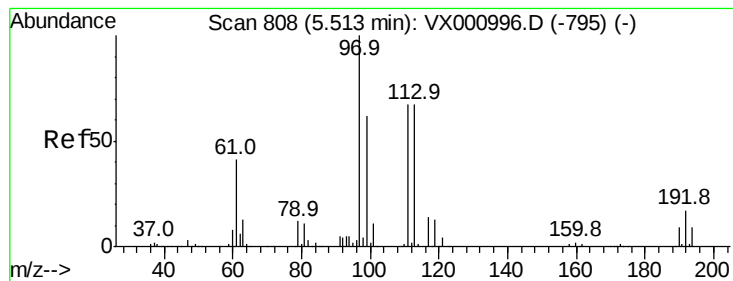


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.208 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

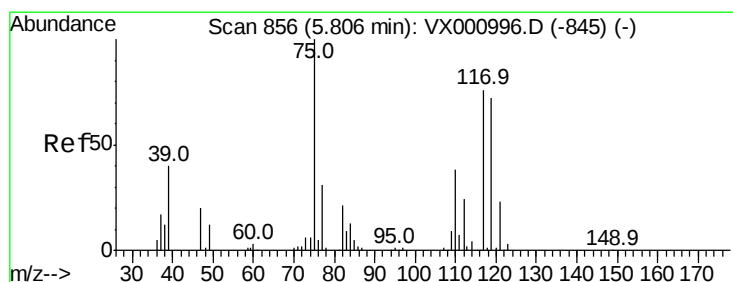
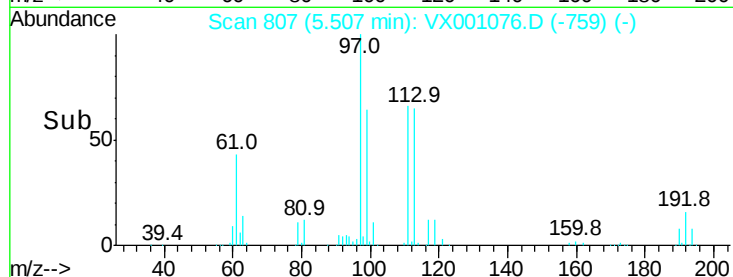
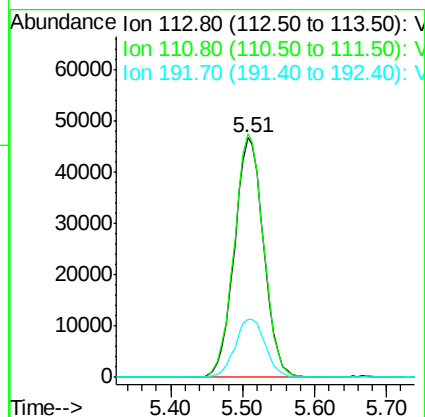
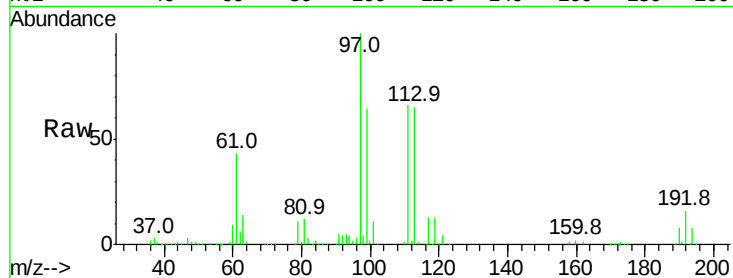
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.2
192	25.1	20.4	30.6

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



#36

1,1-Dichloropropene

Concen: 44.289 ug/l

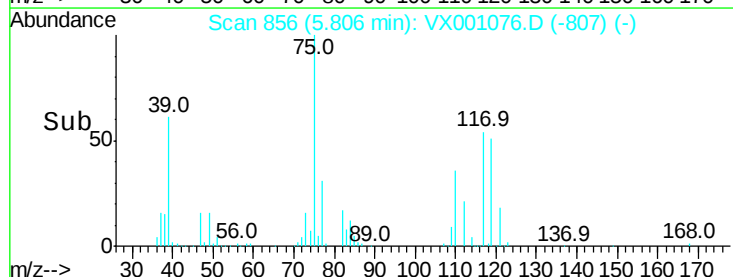
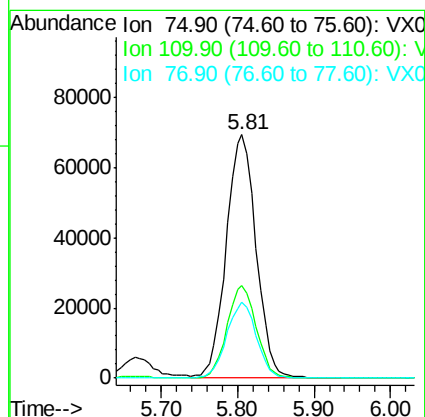
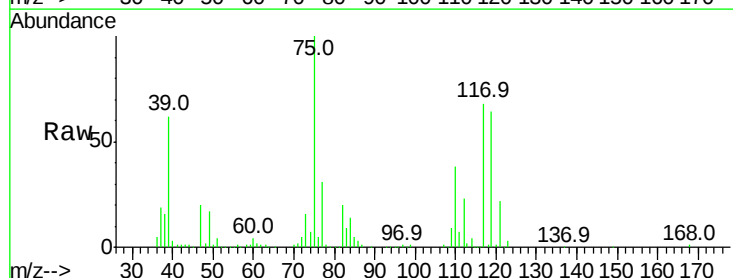
RT: 5.81 min Scan# 856

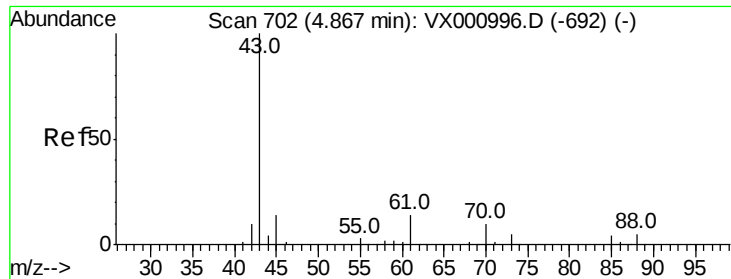
Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.7	56.1
77	31.5	25.0	37.4





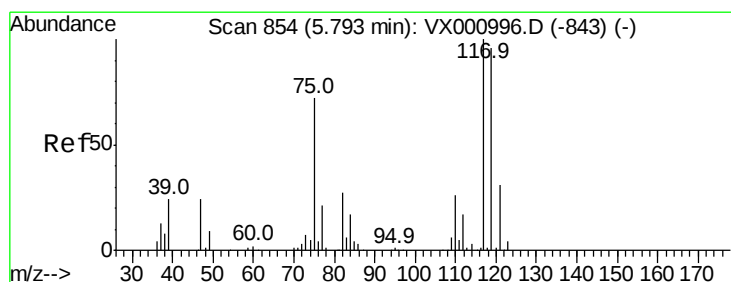
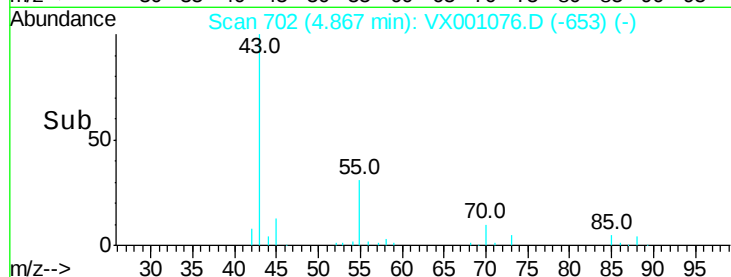
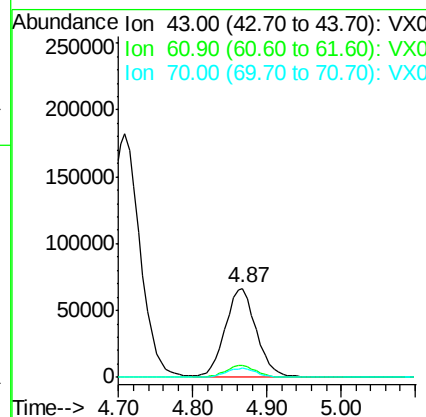
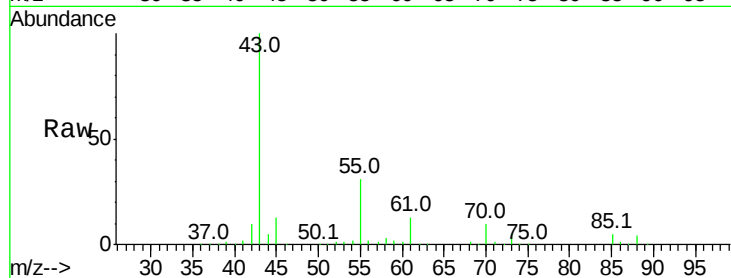
#37
Ethyl Acetate
Concen: 50.008 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.7	16.1
70	10.1	8.3	12.5

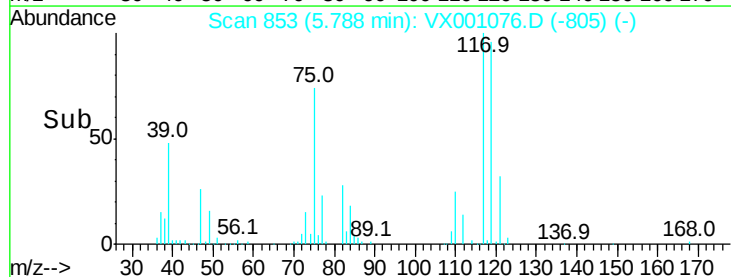
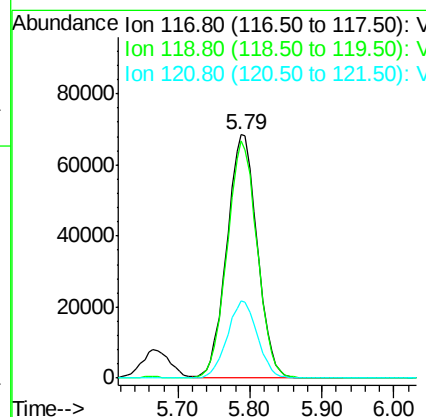
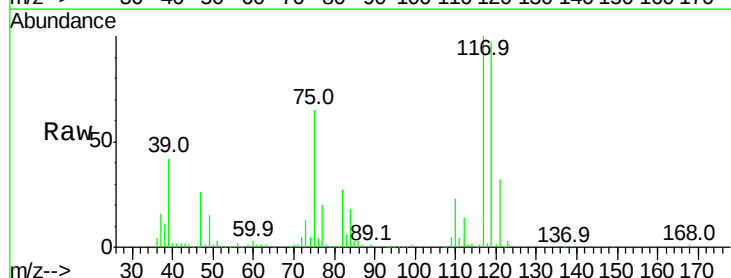
Manual Integrations
APPROVED

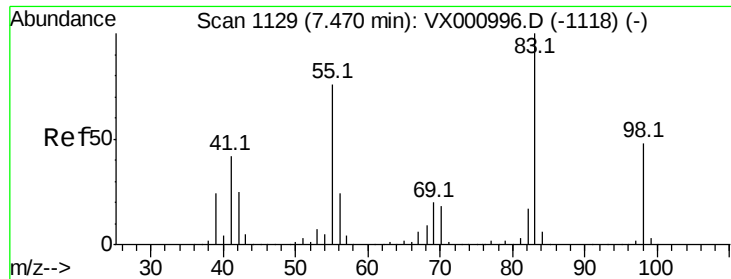
Sohil
4/26/2018 4:06:09 AM



#38
Carbon Tetrachloride
Concen: 46.974 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.5	114.7
121	31.8	24.5	36.7





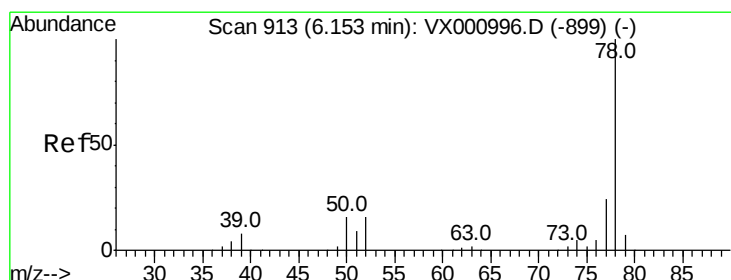
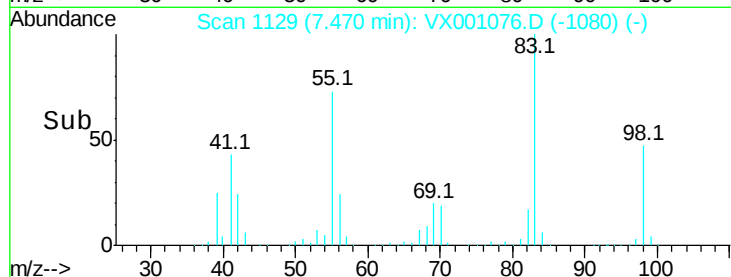
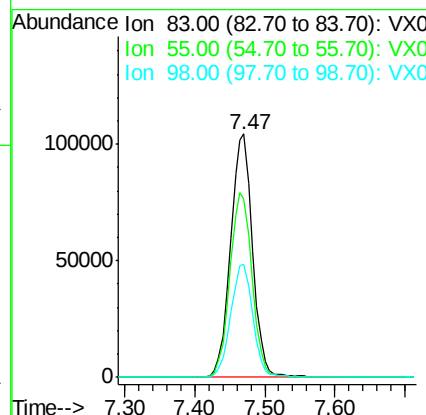
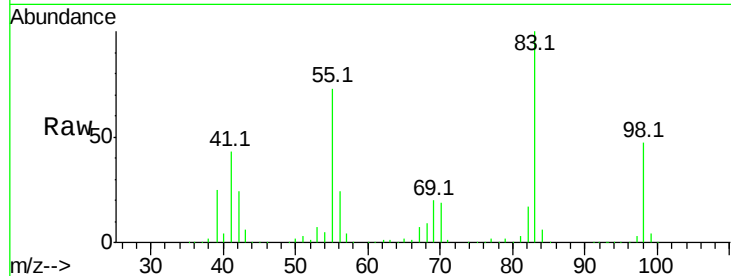
#39
Methvlcvclohexane
Concen: 46.274 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.4	60.6	91.0	
98	46.6	38.2	57.4	

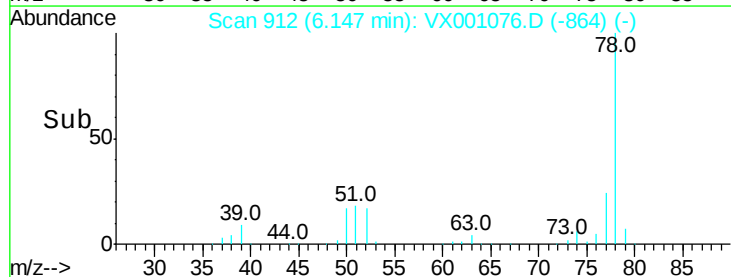
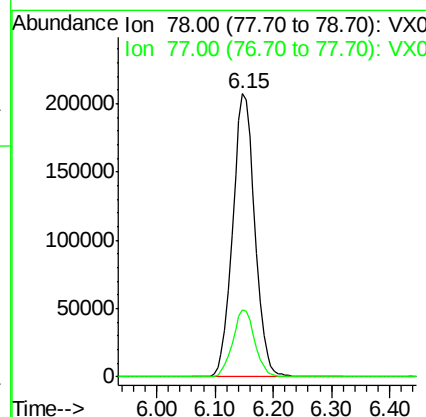
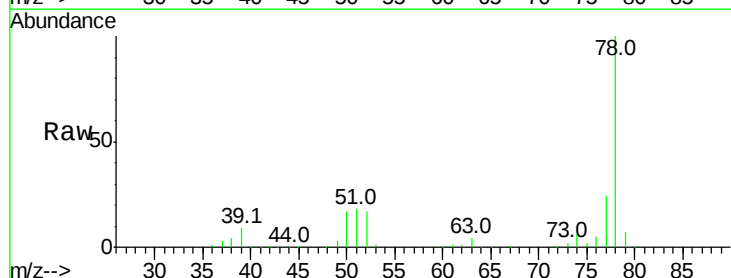
Manual Integrations
APPROVED

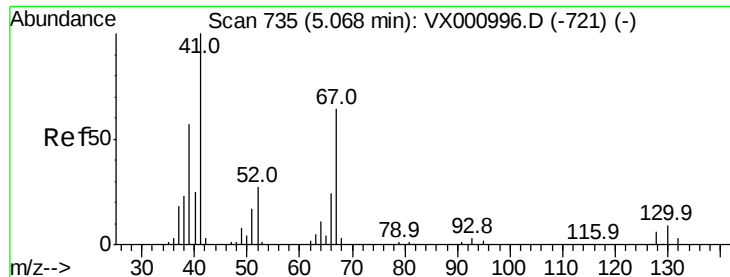
Sohil
4/26/2018 4:06:09 AM



#40
Benzene
Concen: 46.788 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8	18.9	28.3	





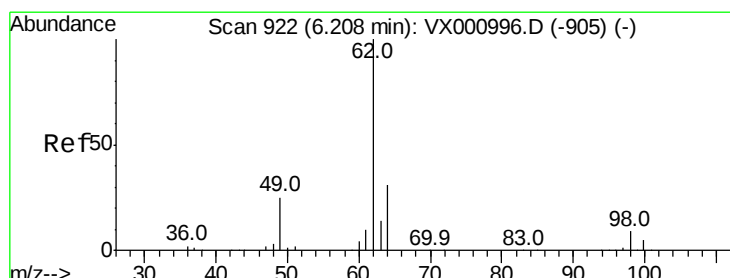
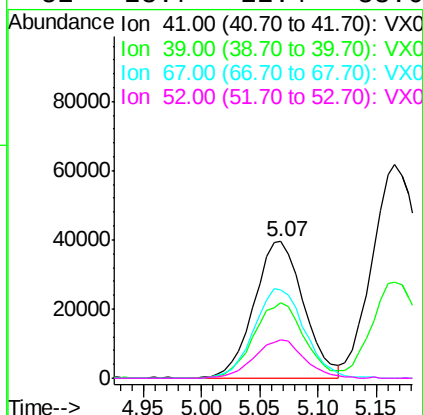
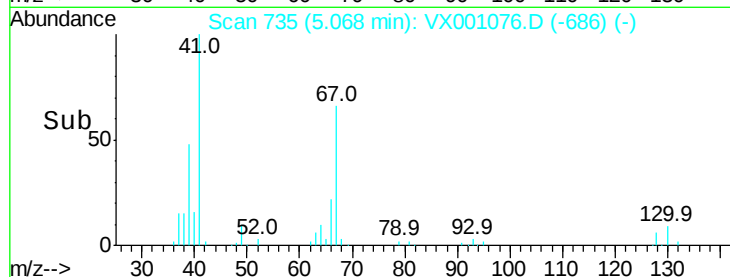
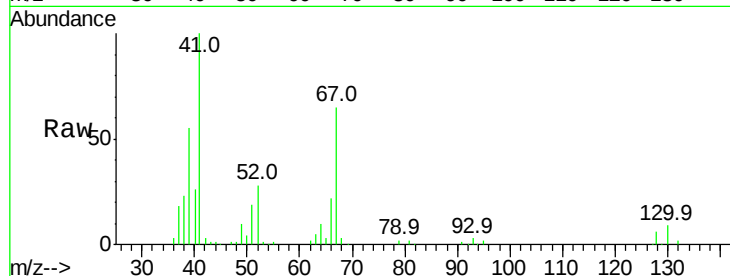
#41
Methacrylonitrile
Concen: 48.121 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	45.2	67.8	
67	67.2	53.8	80.8	
52	28.7	22.4	33.6	

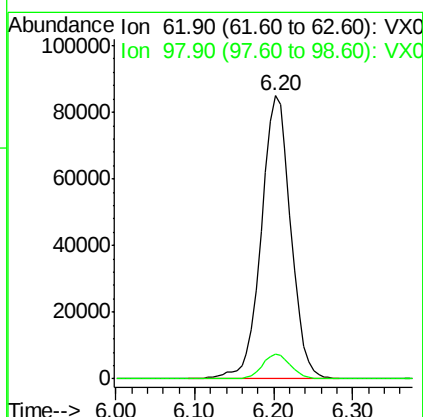
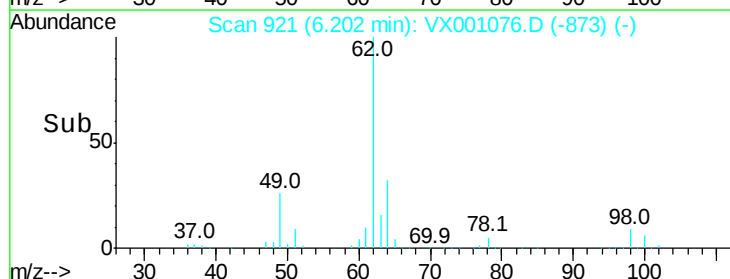
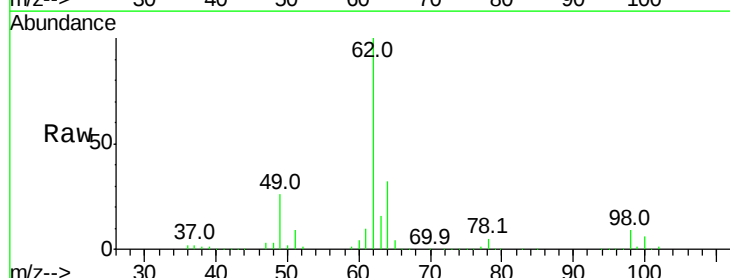
Manual Integrations
APPROVED

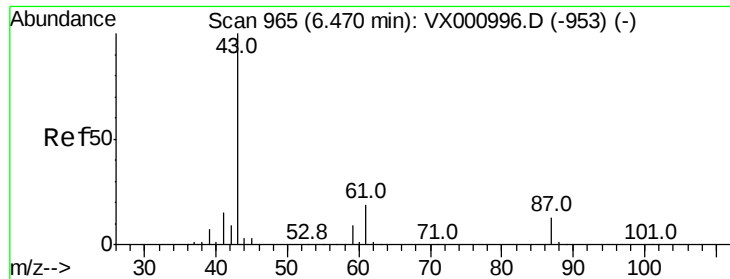
Sohil
4/26/2018 4:06:09 AM



#42
1,2-Dichloroethane
Concen: 49.060 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.6	





#43

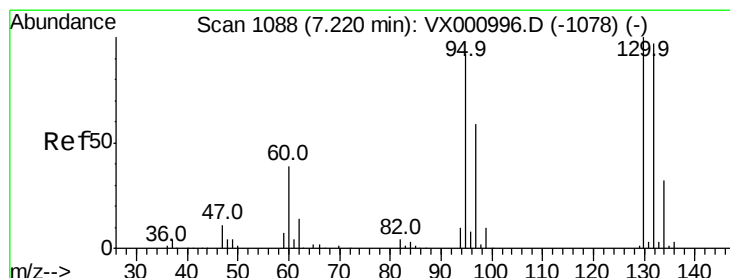
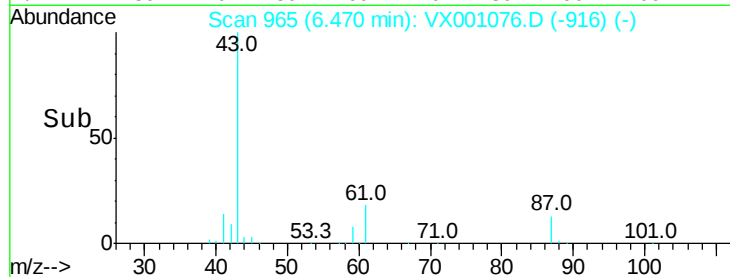
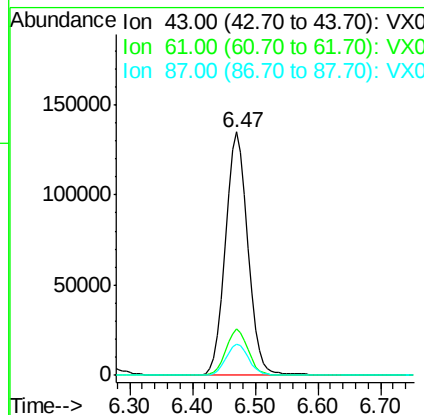
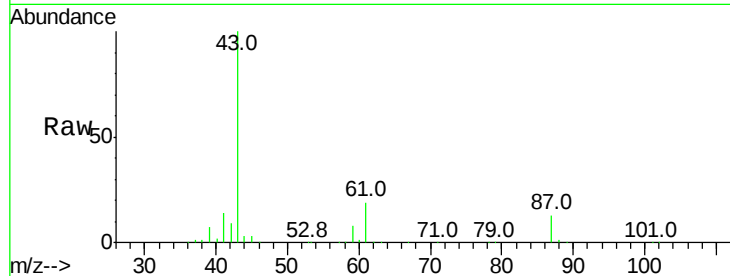
Isopropyl Acetate
 Concen: 50.252 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.4	23.2
87	12.9	10.6	15.8

Manual Integrations
 APPROVED

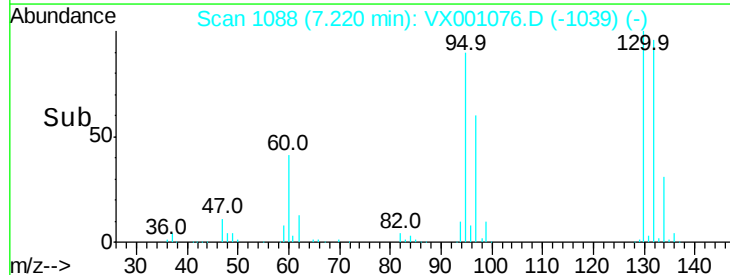
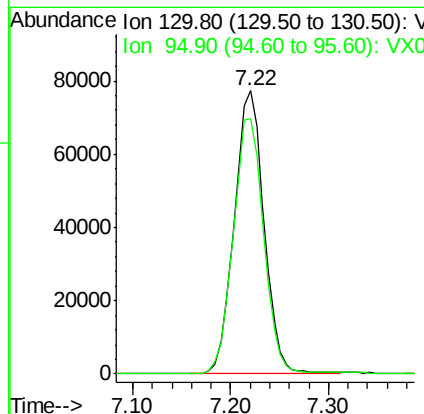
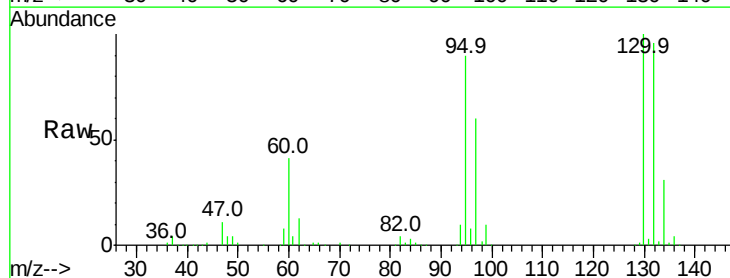
Sohil
 4/26/2018 4:06:09 AM

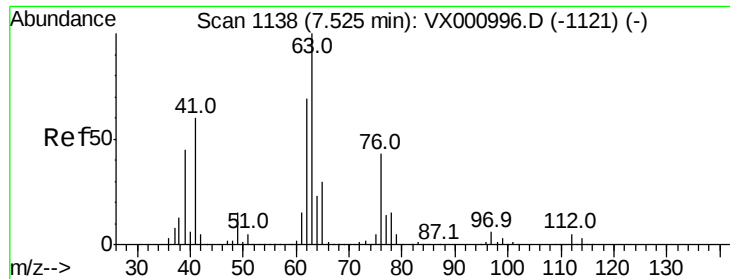


#44

Trichloroethene
 Concen: 45.639 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	184.2





#45

1,2-Dichloropropane

Concen: 49.218 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 145151

Ion Ratio Lower Upper

63 100

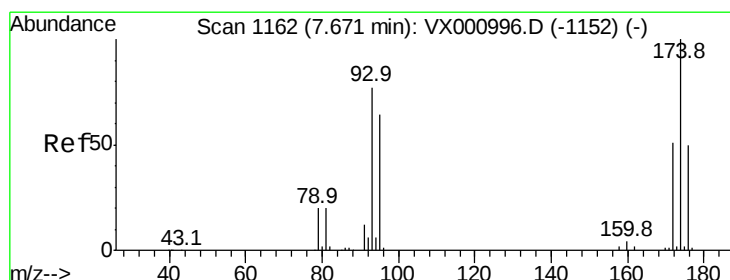
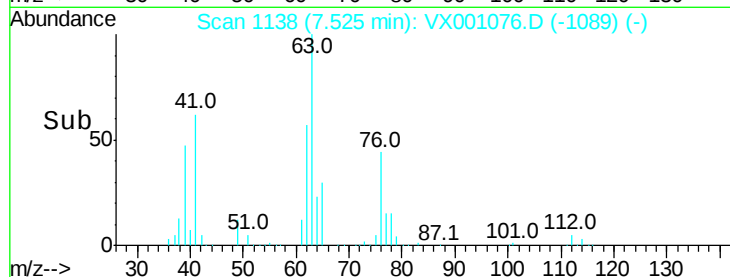
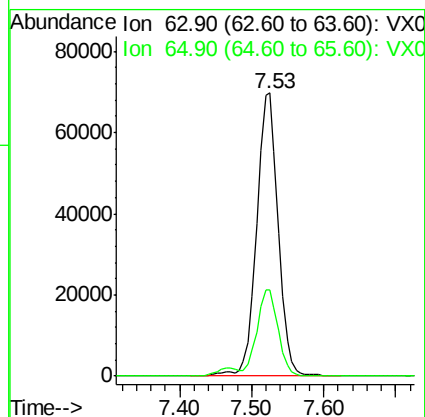
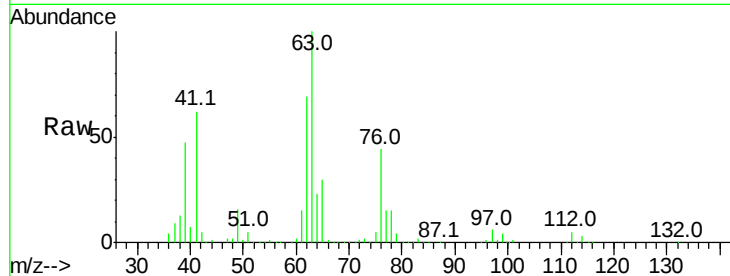
65 30.4 24.4 36.6

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:09 AM



#46

Dibromomethane

Concen: 48.844 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

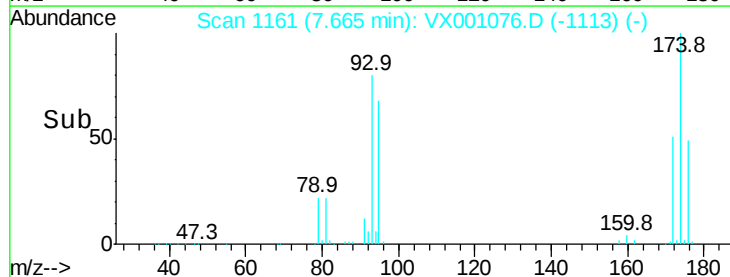
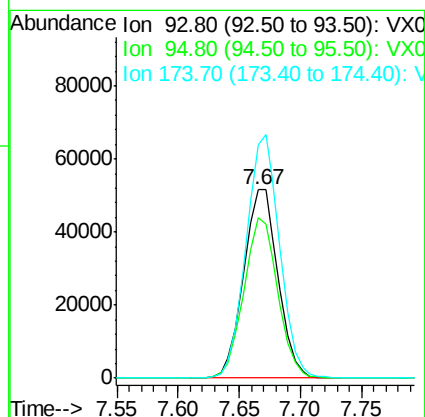
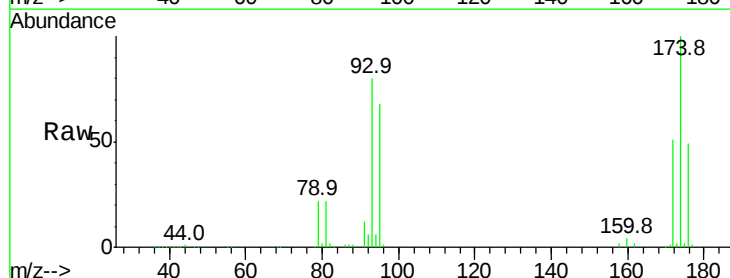
Tgt Ion: 93 Resp: 100648

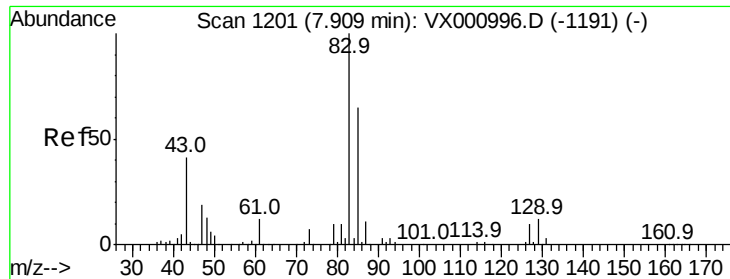
Ion Ratio Lower Upper

93 100

95 83.9 66.7 100.1

174 126.3 101.8 152.6





#47

Bromodichloromethane

Concen: 51.192 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

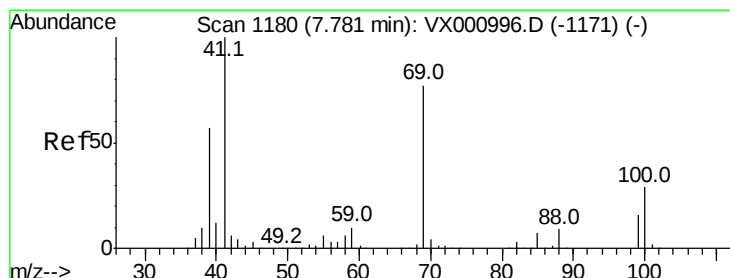
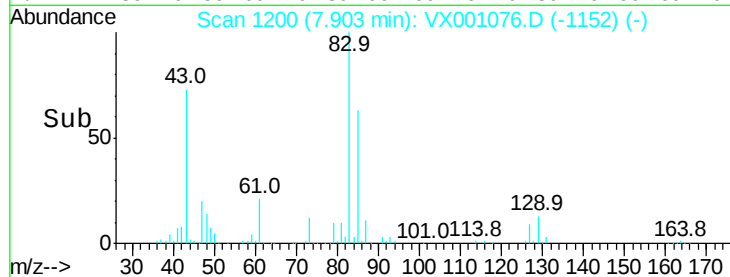
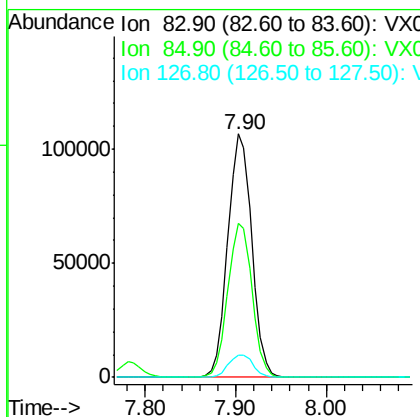
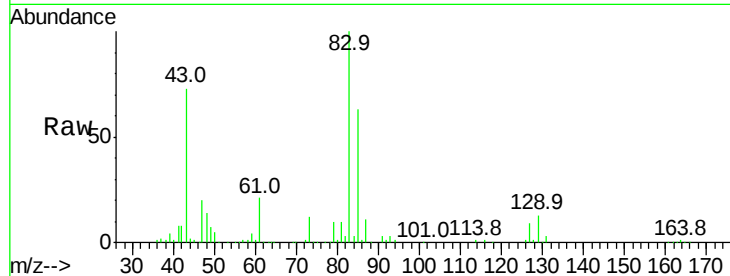
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	195415
Ion Ratio	Lower	Upper	
83	100		
85	63.0	52.3	78.5
127	9.3	7.8	11.6

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



#48

Methyl methacrylate

Concen: 50.121 ug/l

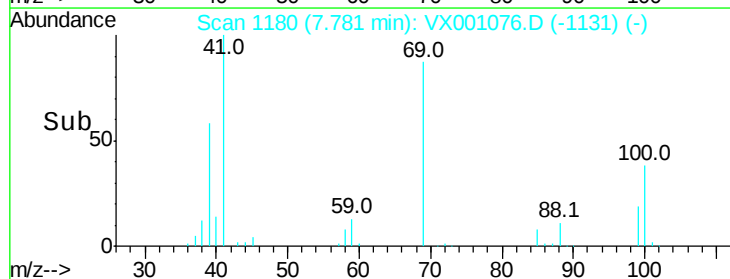
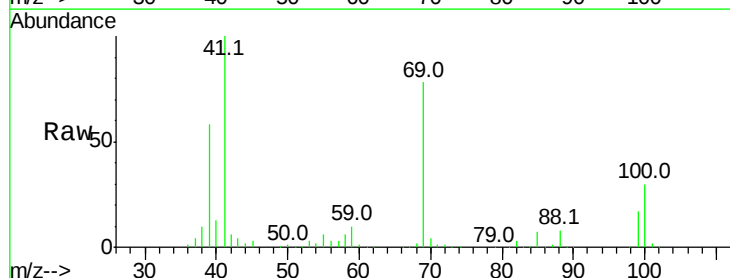
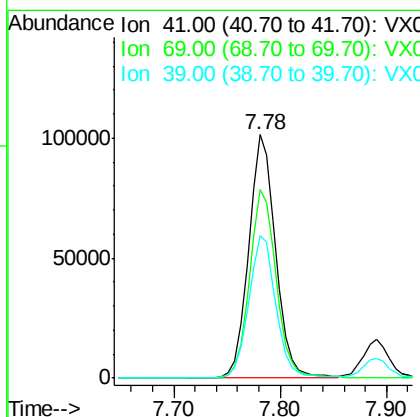
RT: 7.78 min Scan# 1180

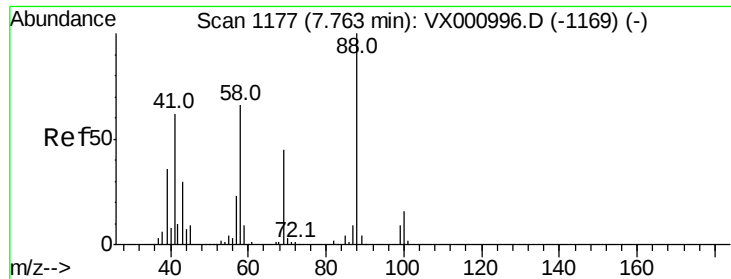
Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion:	41	Resp:	179174
Ion Ratio	Lower	Upper	
41	100		
69	77.8	62.6	94.0
39	58.9	45.3	67.9





#49

1,4-Dioxane

Concen: 1106.084 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

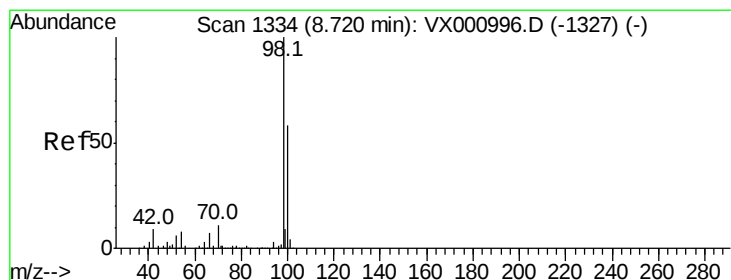
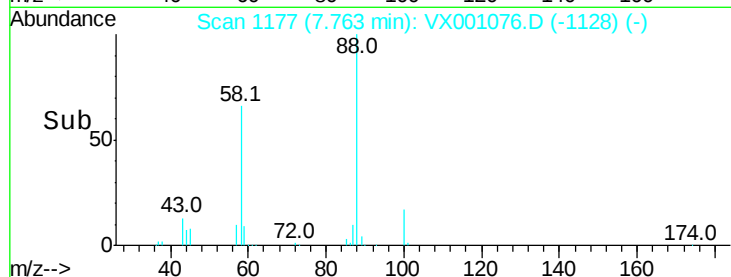
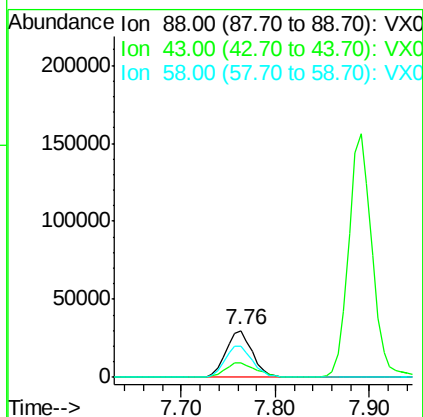
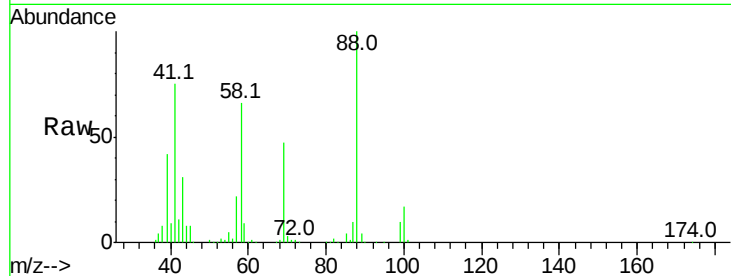
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	58146
Ion	Ratio	Lower	Upper
88	100		
43	36.2	29.2	43.8
58	70.0	55.0	82.6

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



#50

Toluene-d8

Concen: 45.386 ug/l

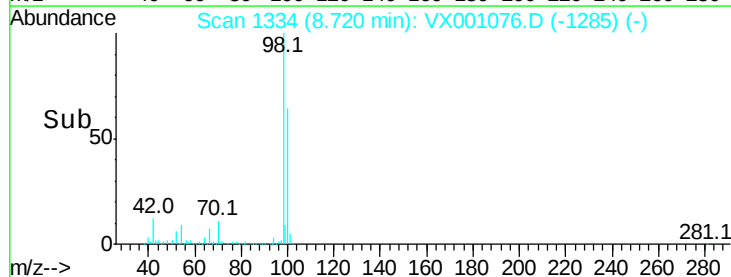
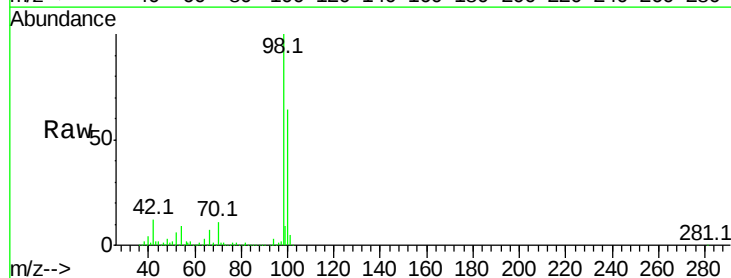
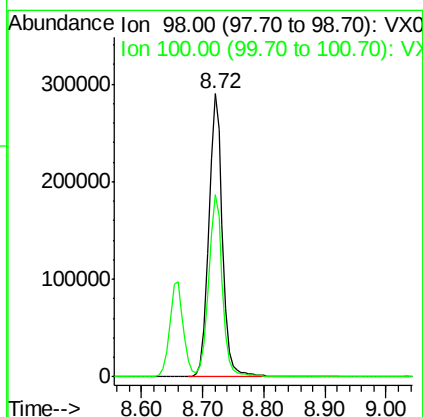
RT: 8.72 min Scan# 1334

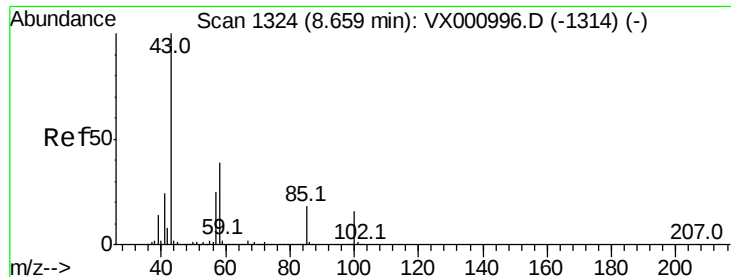
Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion:	98	Resp:	459411
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 259.283 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tot Ion: 43 Resp: 1045195

Ion Ratio Lower Upper

43 100

58 37.7 30.2 45.4

Instrument :

MSVOA_X

ClientSampleId :

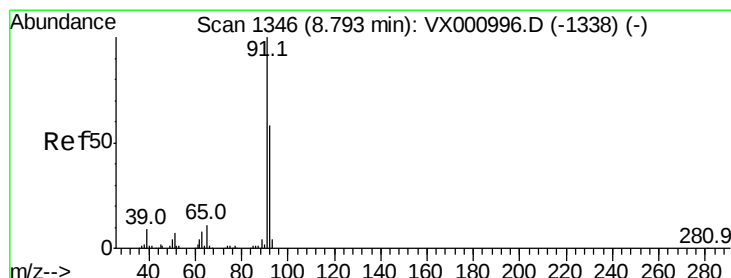
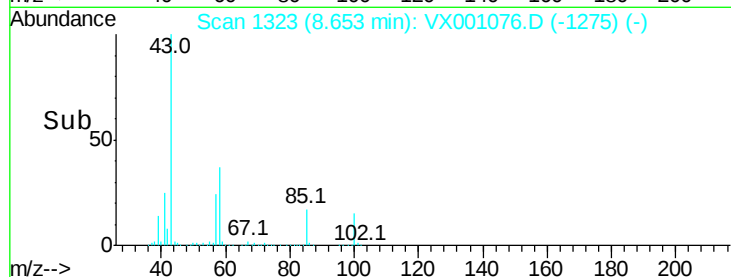
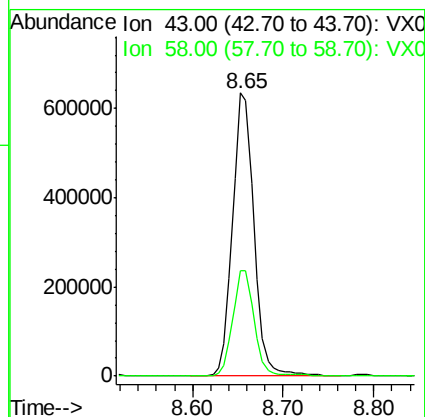
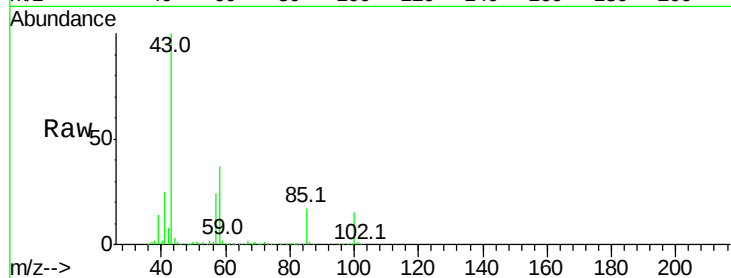
VSTDCCC050

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:09 AM



#52

Toluene

Concen: 47.696 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001076.D

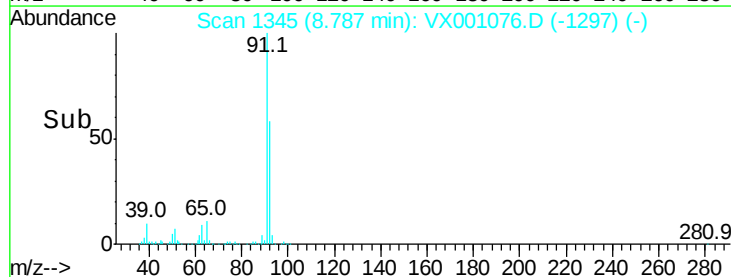
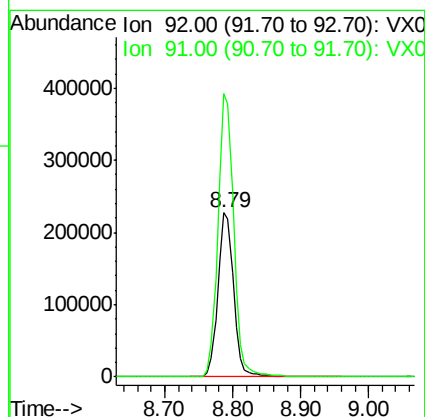
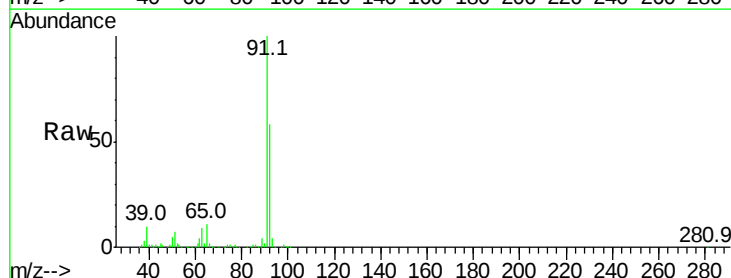
Acq: 24 Apr 2018 11:43

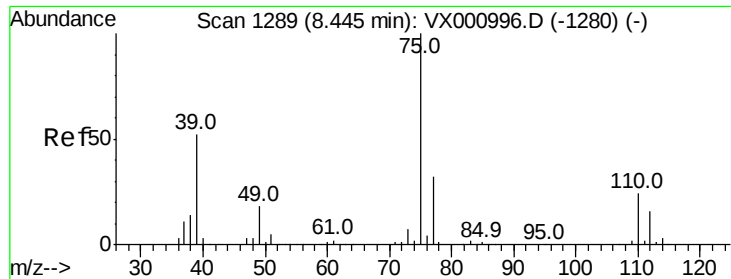
Tgt Ion: 92 Resp: 365119

Ion Ratio Lower Upper

92 100

91 173.3 138.2 207.4





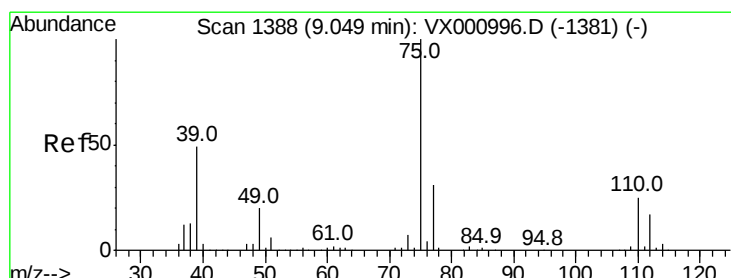
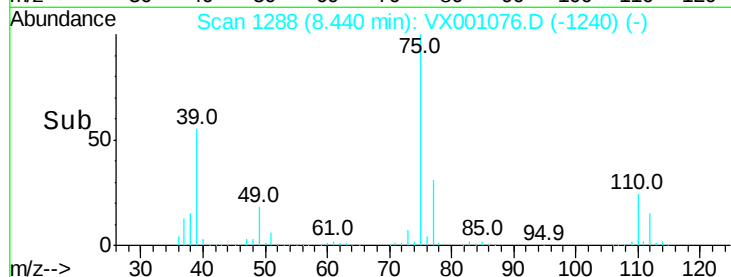
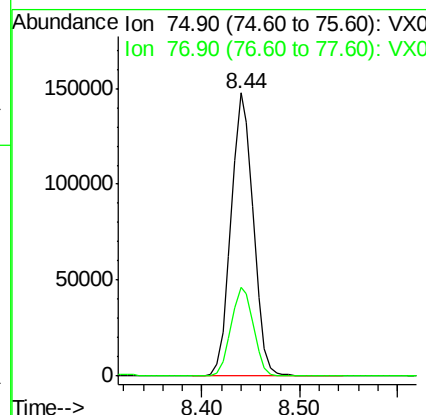
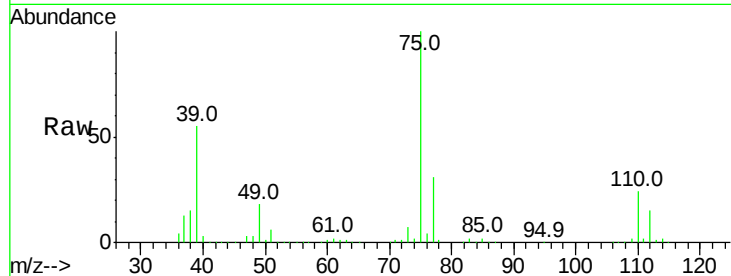
#53
t-1,3-Dichloropropene
Concen: 51.012 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 232884
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6

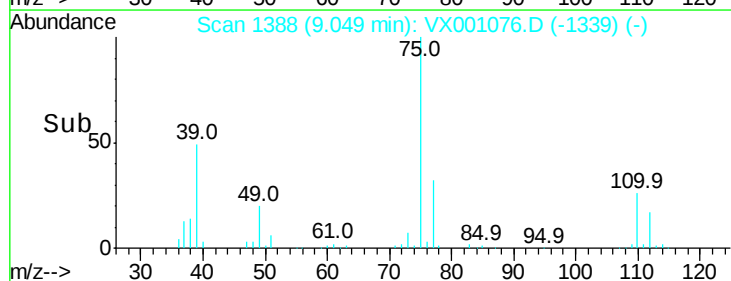
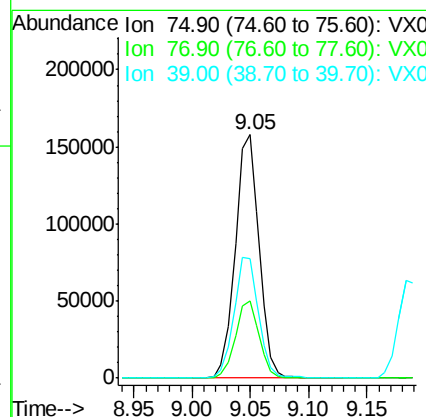
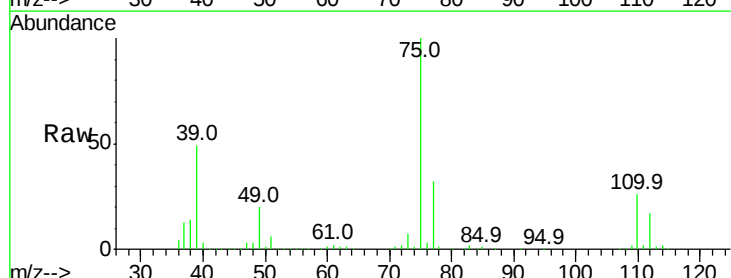
Manual Integrations
APPROVED

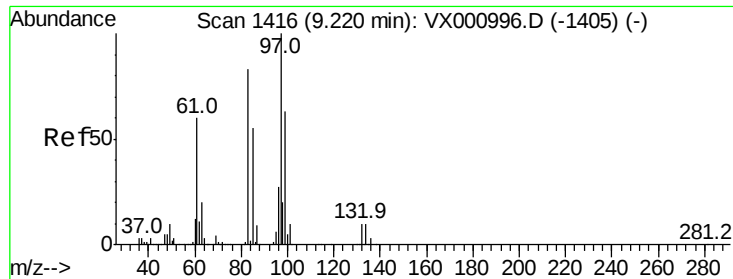
Sohil
4/26/2018 4:06:09 AM



#54
cis-1,3-Dichloropropene
Concen: 52.240 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion: 75 Resp: 224889
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6
39 49.2 39.2 58.8





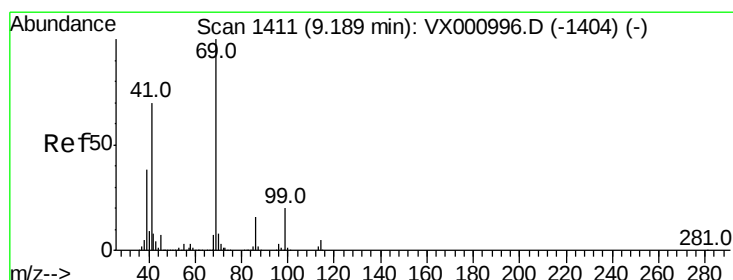
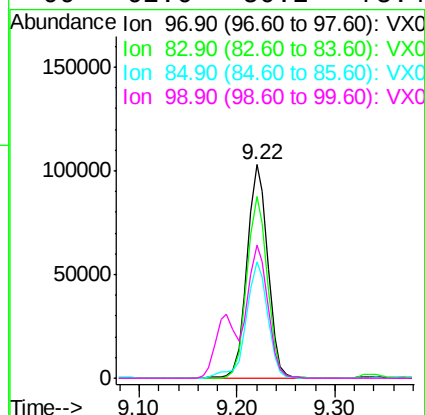
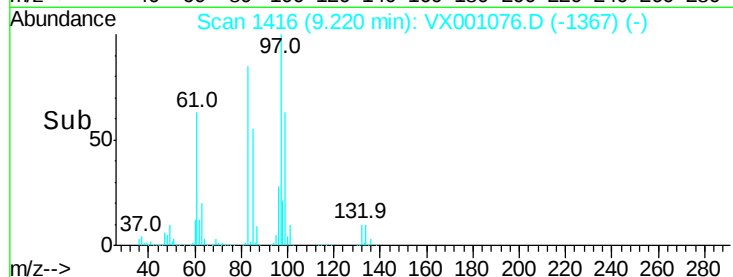
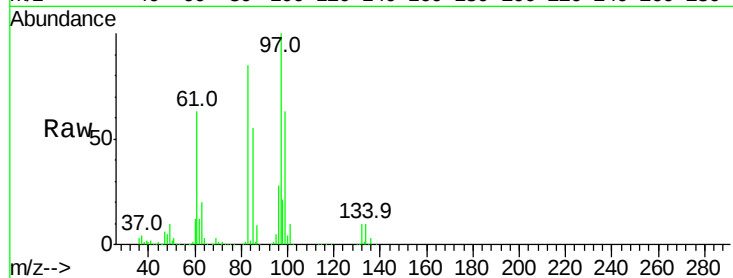
#55
 1,1,2-Trichloroethane
 Concen: 50.020 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		152192		
83	85.2	66.2	99.4		
85	54.6	44.2	66.4		
99	62.6	50.2	75.4		

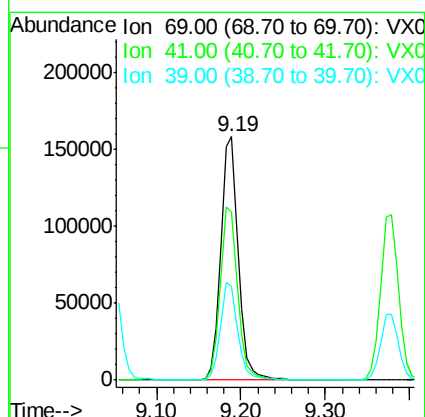
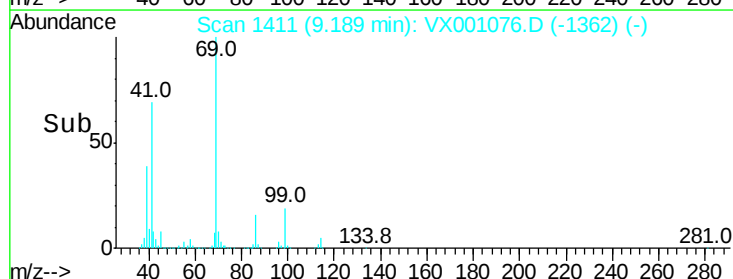
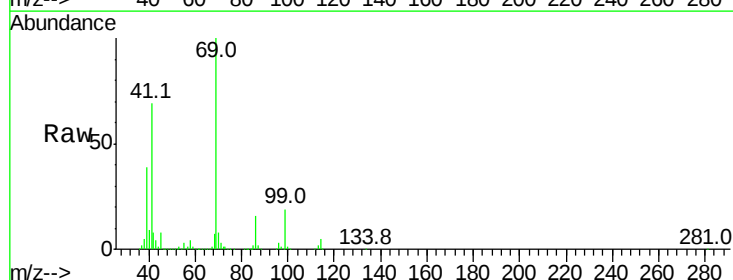
Manual Integrations
 APPROVED

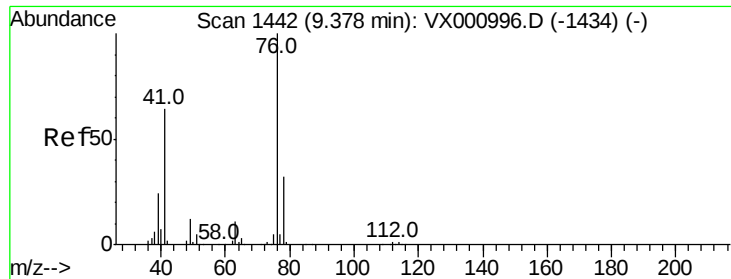
Sohil
 4/26/2018 4:06:09 AM



#56
 Ethyl methacrylate
 Concen: 51.060 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		228185		
41	71.2	56.3	84.5		
39	40.0	30.4	45.6		





#57

1,3-Dichloropropane

Concen: 49.103 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 247504

Ion Ratio Lower Upper

76 100

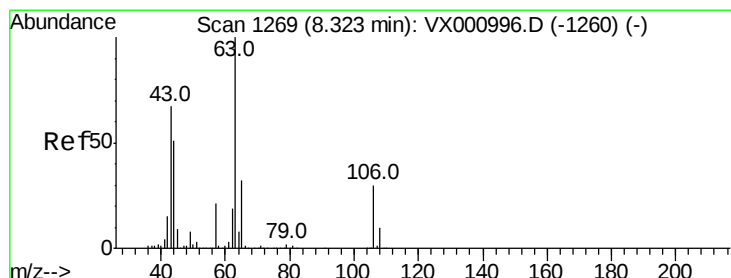
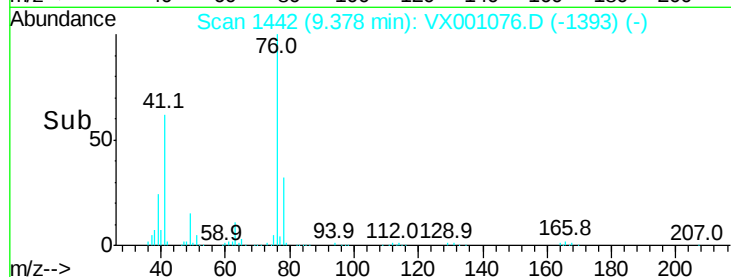
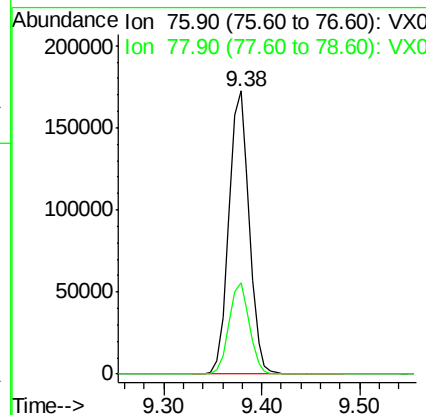
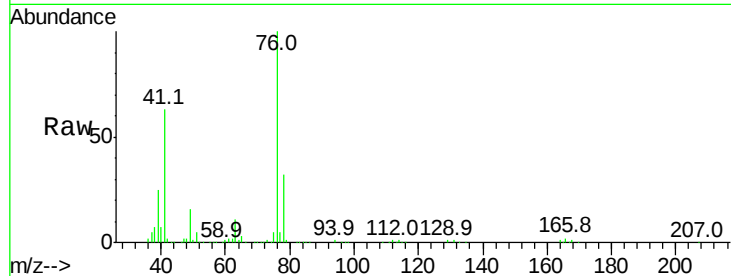
78 32.5 25.8 38.6

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:09 AM



#58

2-Chloroethyl Vinyl ether

Concen: 236.336 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001076.D

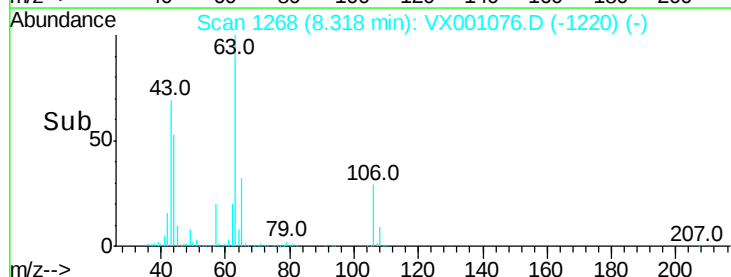
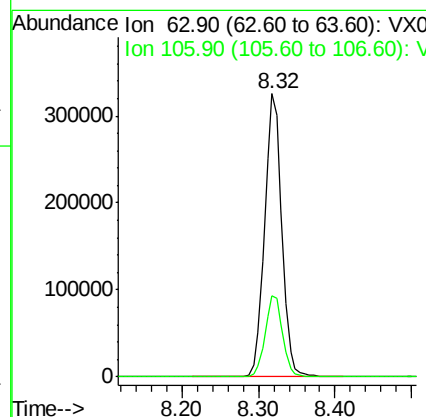
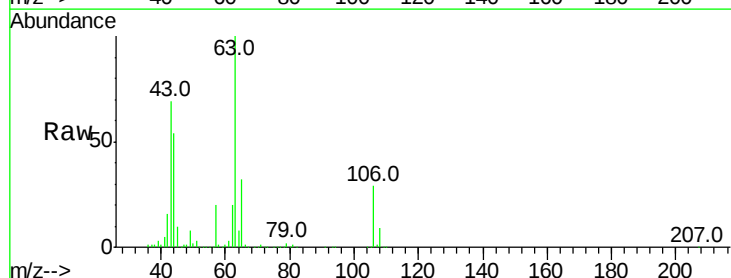
Acq: 24 Apr 2018 11:43

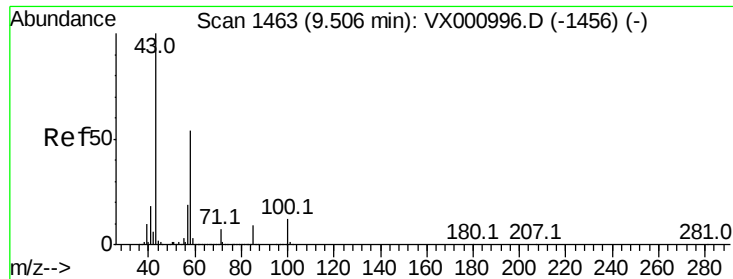
Tgt Ion: 63 Resp: 515463

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.6





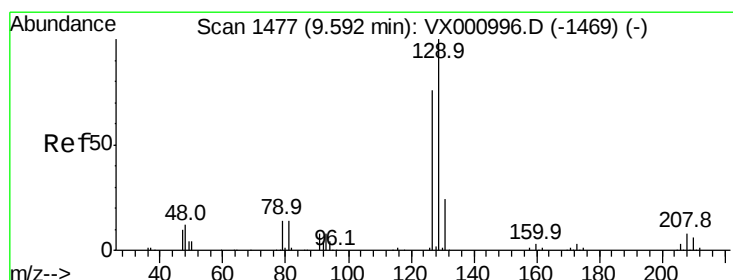
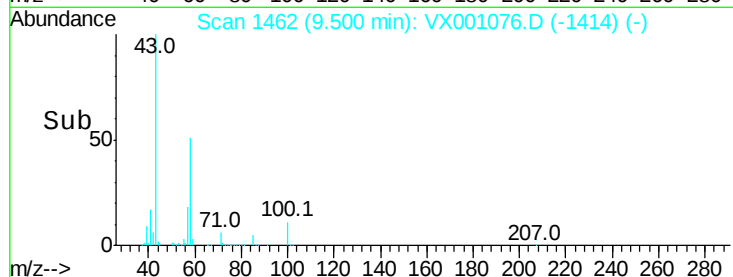
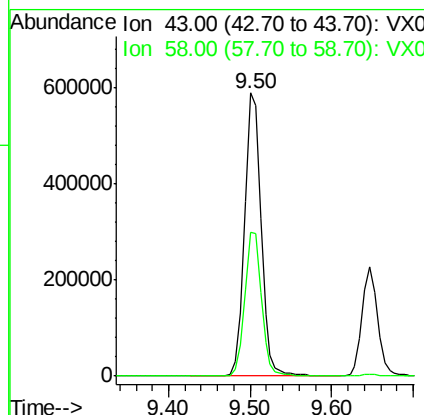
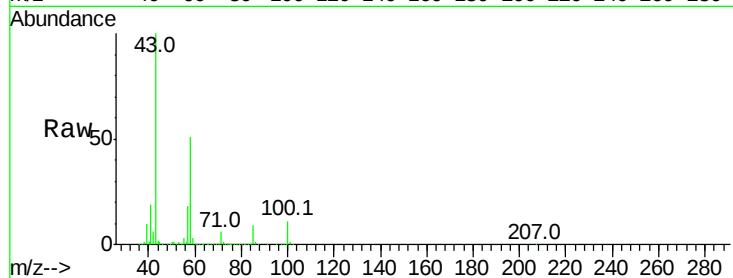
#59
2-Hexanone
Concen: 265.077 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.5	26.3	78.9

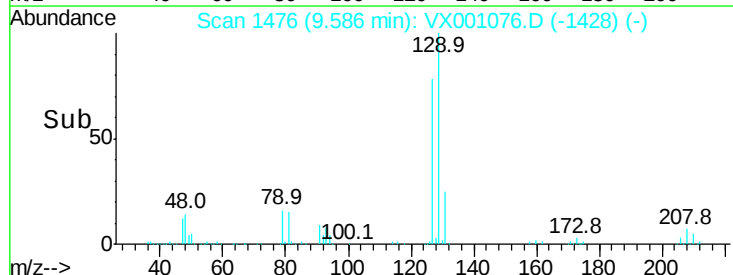
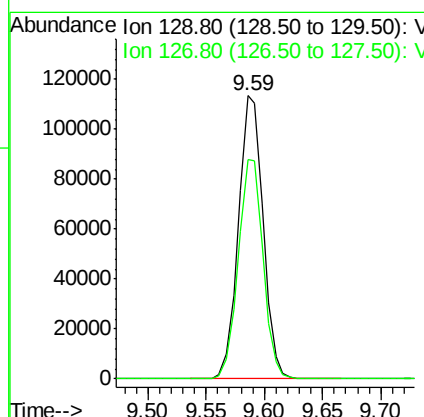
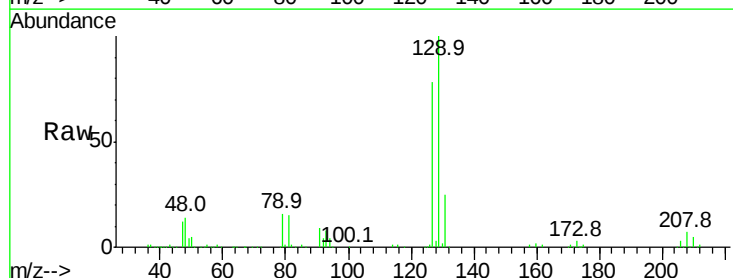
Manual Integrations
APPROVED

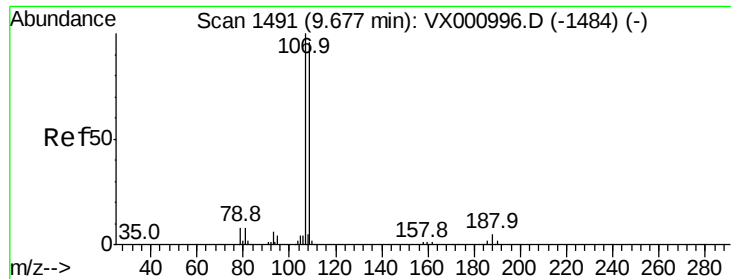
Sohil
4/26/2018 4:06:09 AM



#60
Dibromochloromethane
Concen: 52.478 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.6	115.8





#61

1,2-Dibromoethane

Concen: 50.866 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 163334

Ion Ratio Lower Upper

107 100

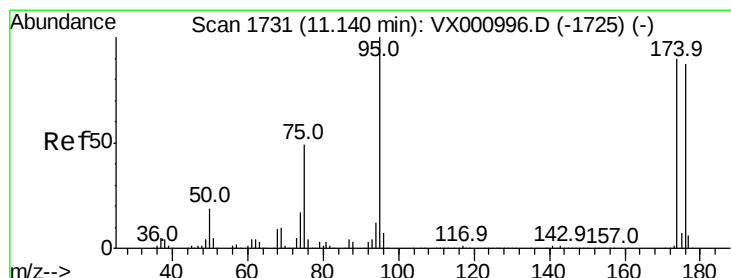
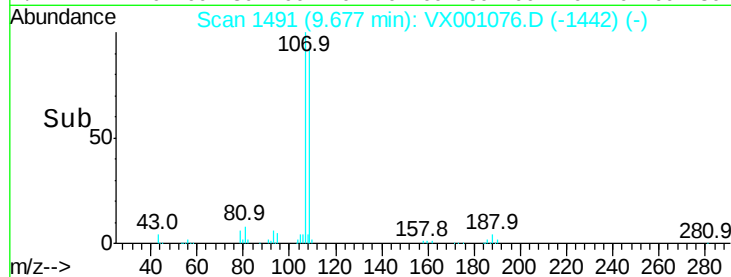
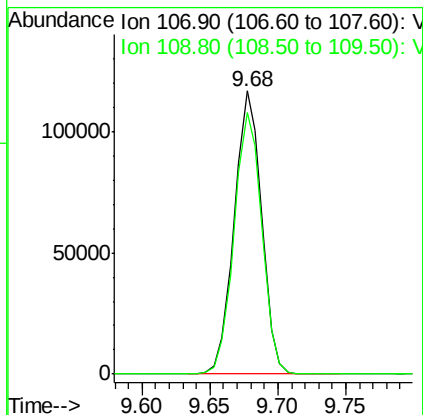
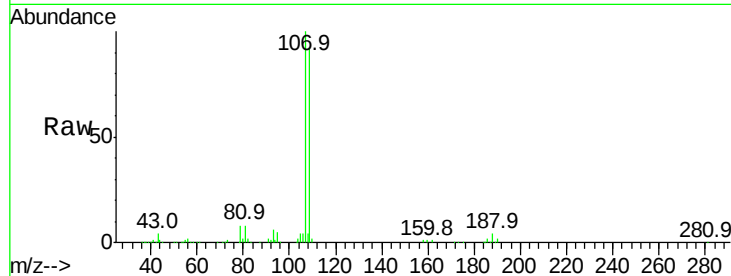
109 93.7 76.0 114.0

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:09 AM



#62

4-Bromofluorobenzene

Concen: 45.981 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

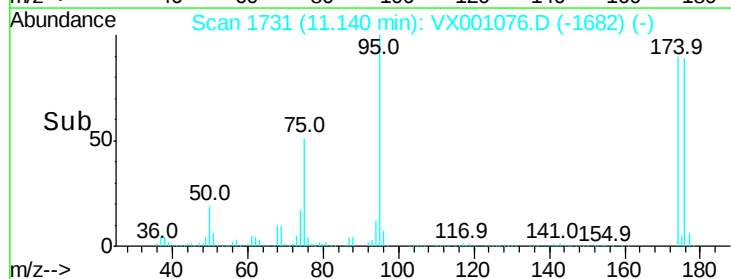
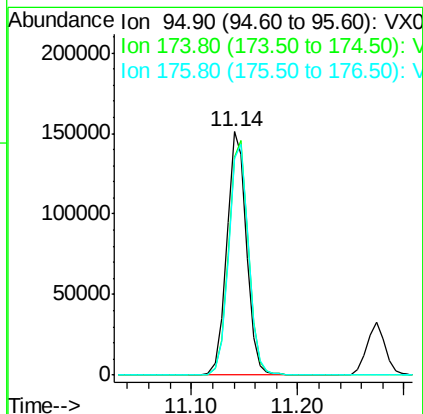
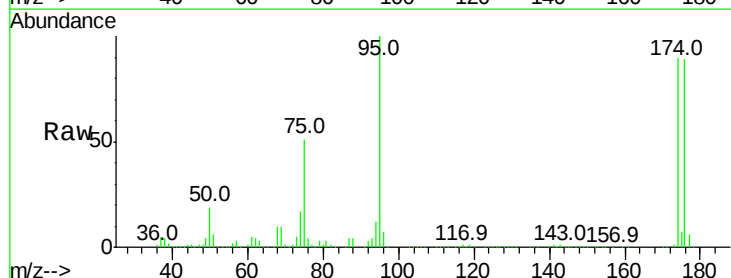
Tgt Ion: 95 Resp: 195328

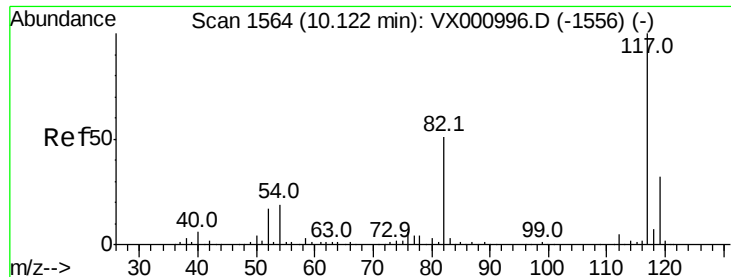
Ion Ratio Lower Upper

95 100

174 97.2 0.0 198.4

176 96.0 0.0 192.0





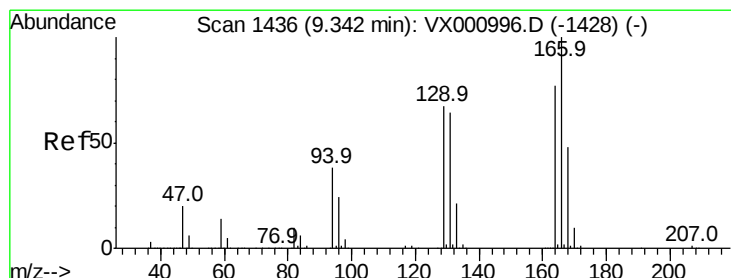
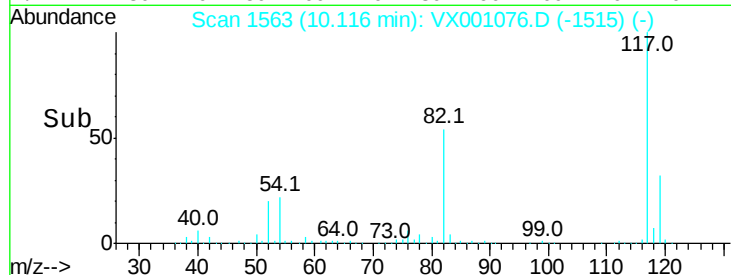
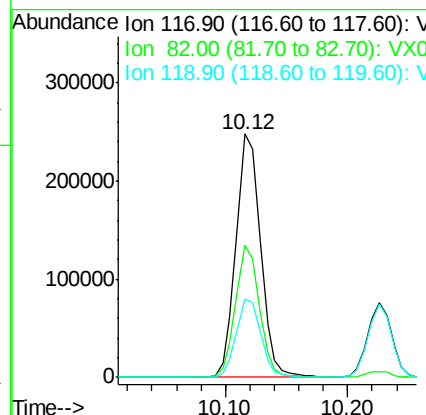
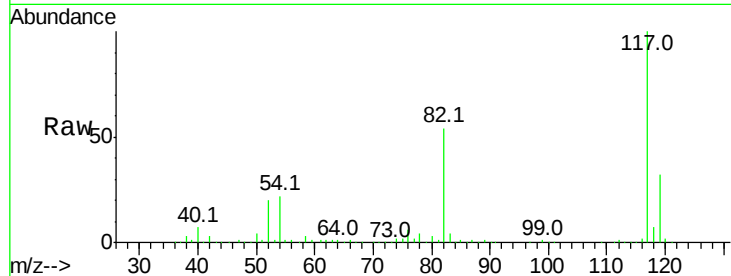
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	40.6	60.8
119	32.5	26.0	39.0

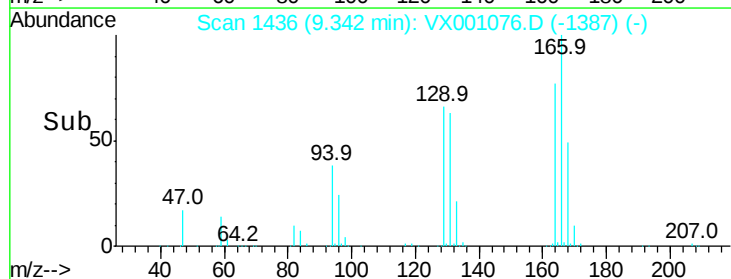
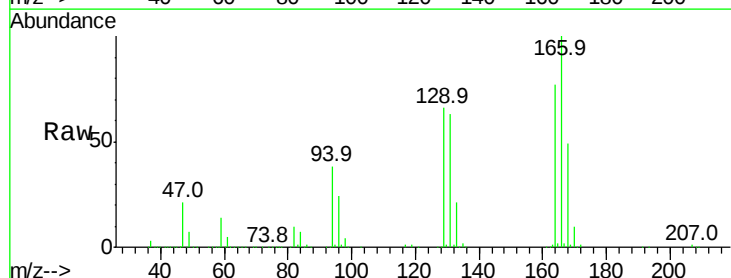
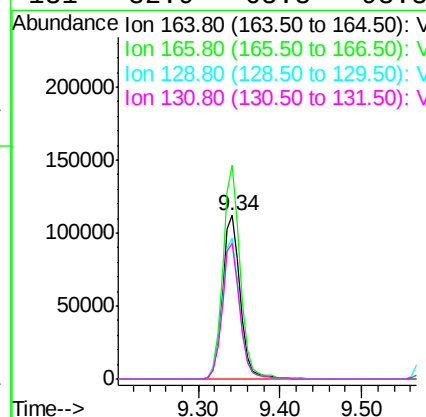
Manual Integrations
APPROVED

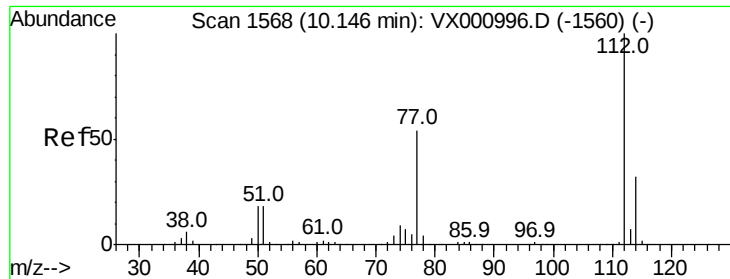
Sohil
4/26/2018 4:06:09 AM



#64
Tetrachloroethene
Concen: 46.621 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	103.5	155.3
129	86.4	69.6	104.4
131	82.9	65.8	98.8





#65

Chlorobenzene

Concen: 47.260 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 433276

Ion Ratio Lower Upper

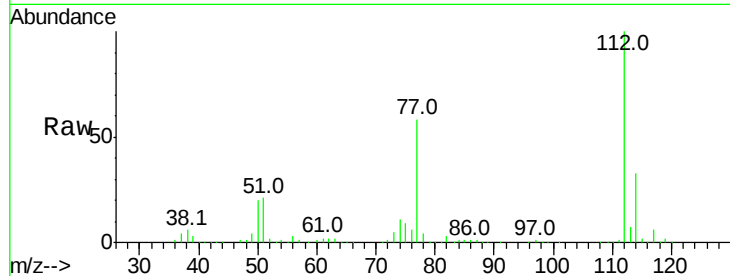
112 100

114 32.6 25.5 38.3

Manual Integrations
APPROVED

Sohil

4/26/2018 4:06:09 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

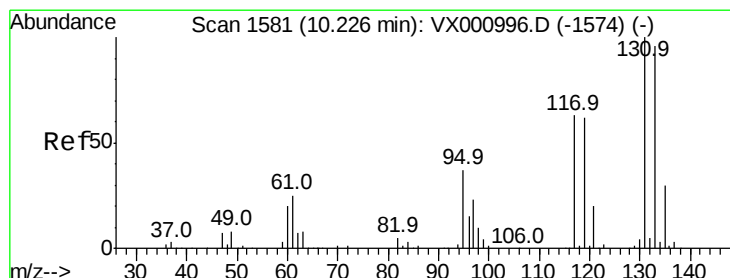
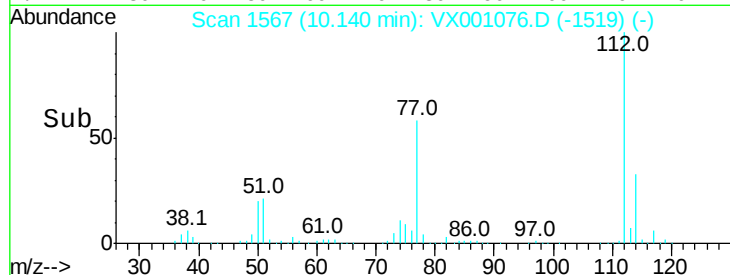
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 51.313 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

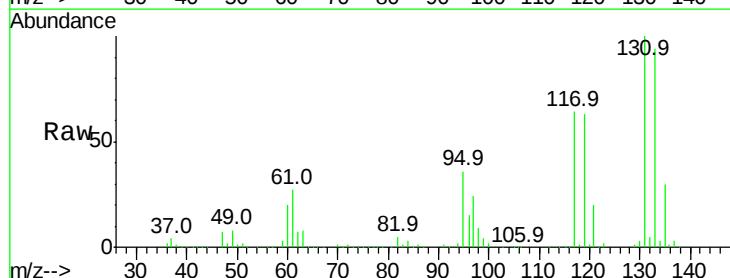
Tgt Ion:131 Resp: 161467

Ion Ratio Lower Upper

131 100

133 95.3 47.6 142.8

119 62.6 31.1 93.2



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

10.23

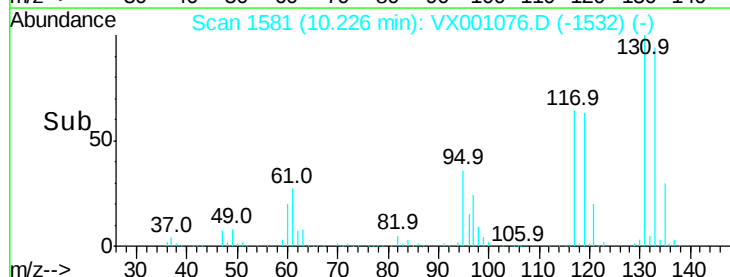
150000

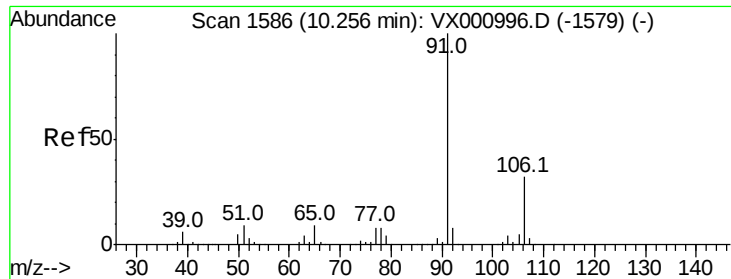
100000

50000

0

Time--> 10.20 10.30





#67

Ethyl Benzene

Concen: 47.202 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 718633

Ion Ratio Lower Upper

91 100

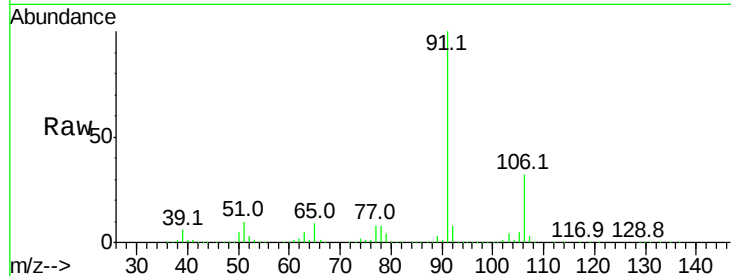
106 32.0 25.7 38.5

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:09 AM



Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1579) (-)

Ion 106.00 (105.70 to 106.70): VX000996.D (-1579) (-)

800000

600000

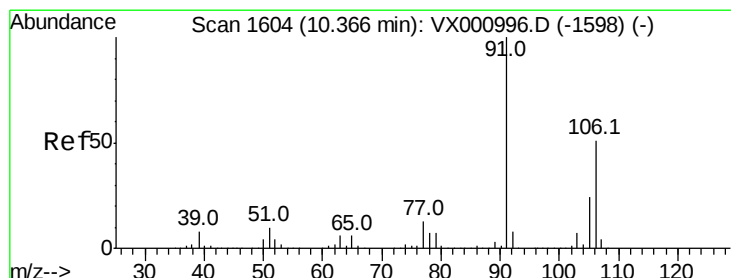
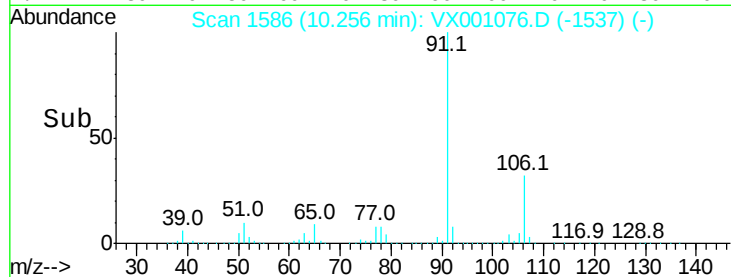
400000

200000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 95.691 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001076.D

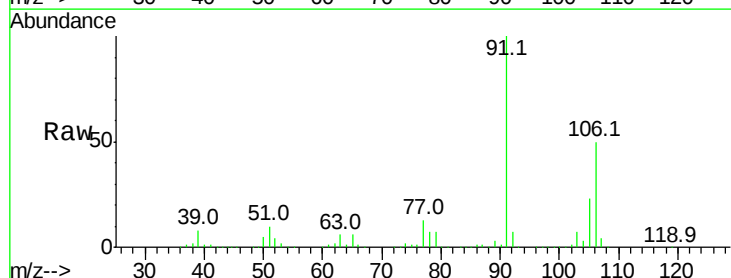
Acq: 24 Apr 2018 11:43

Tgt Ion: 106 Resp: 574195

Ion Ratio Lower Upper

106 100

91 199.6 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): VX000996.D (-1598) (-)

Ion 91.00 (90.70 to 91.70): VX000996.D (-1598) (-)

800000

600000

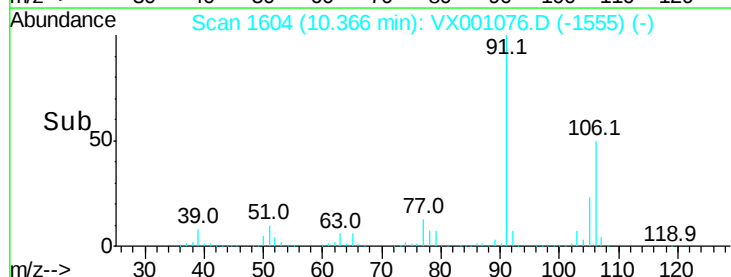
400000

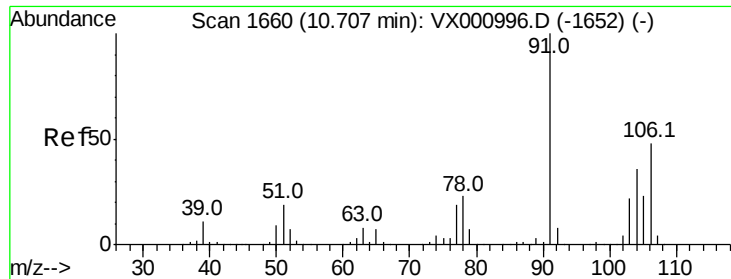
200000

0

10.30 10.40 10.50

Time-->





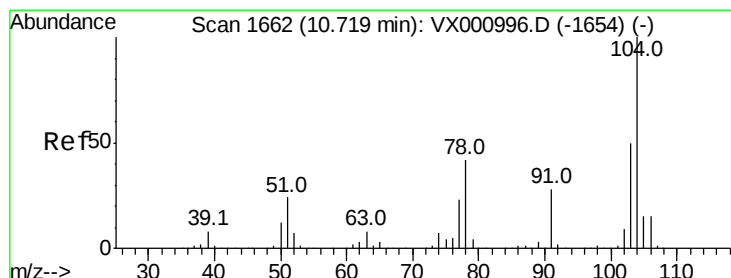
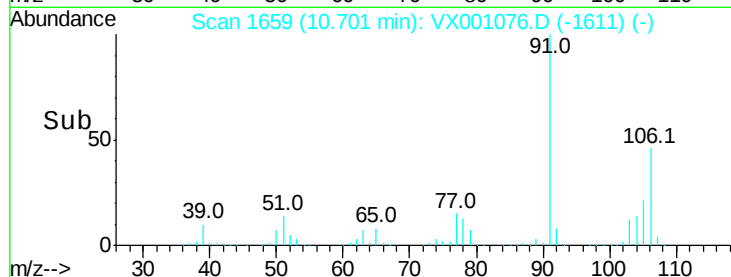
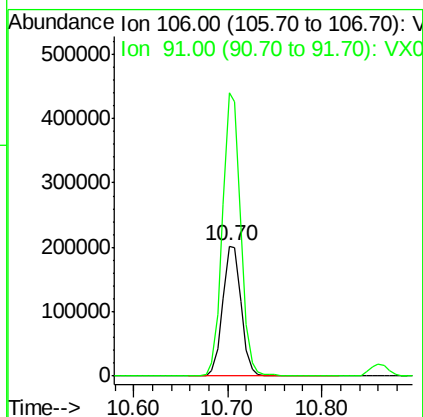
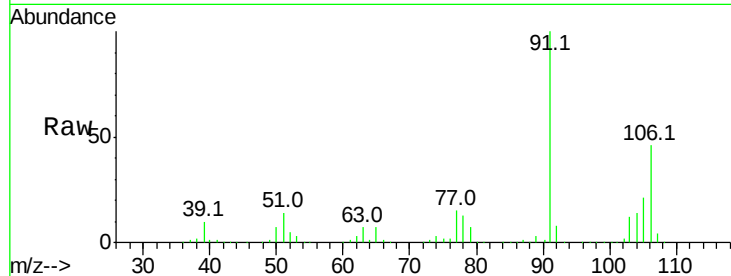
#69
o-Xylene
Concen: 47.650 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 275655
Ion Ratio Lower Upper
106 100
91 213.5 105.1 315.1

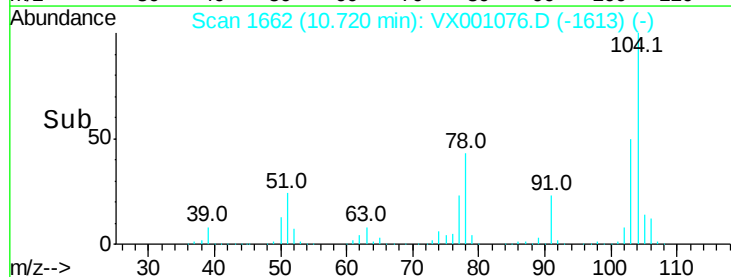
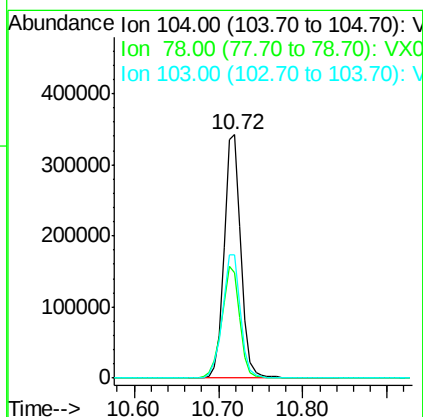
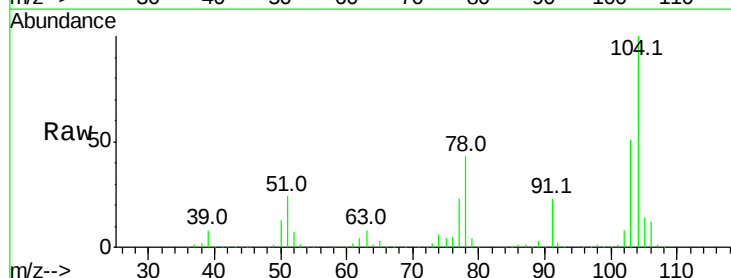
Manual Integrations
APPROVED

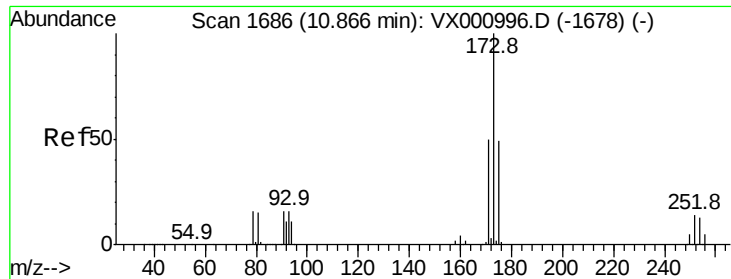
Sohil
4/26/2018 4:06:09 AM



#70
Styrene
Concen: 49.148 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion:104 Resp: 468249
Ion Ratio Lower Upper
104 100
78 49.4 39.4 59.2
103 55.1 44.2 66.2





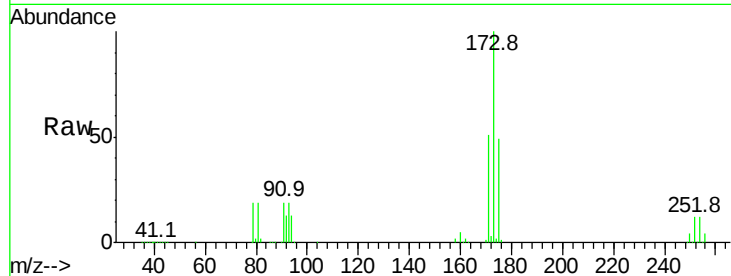
#71
Bromoform
Concen: 47.440 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

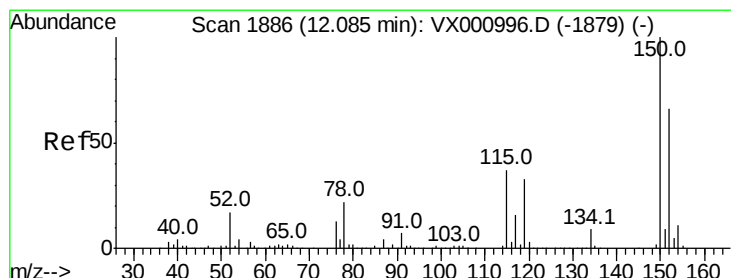
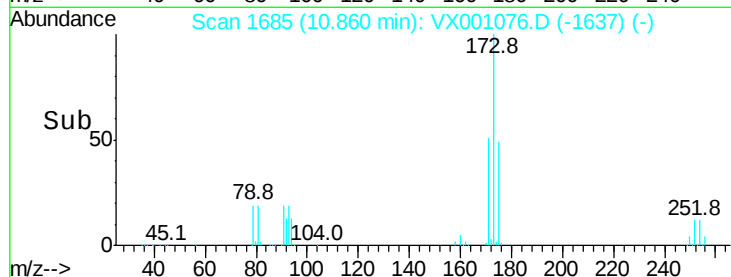
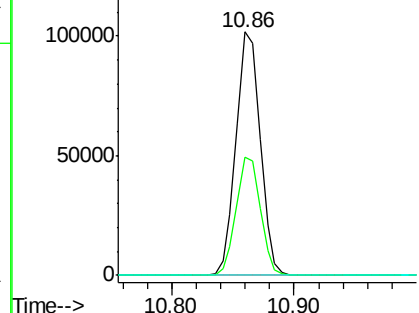
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.8	74.3
254	0.1	0.2	0.2#

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



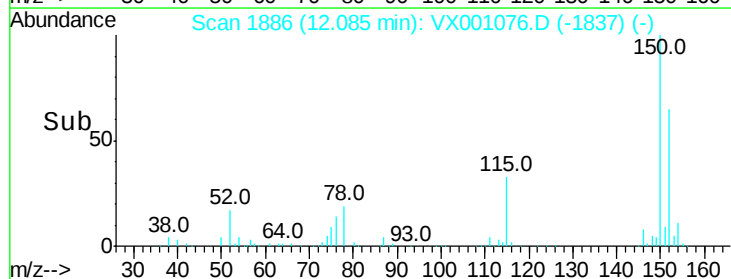
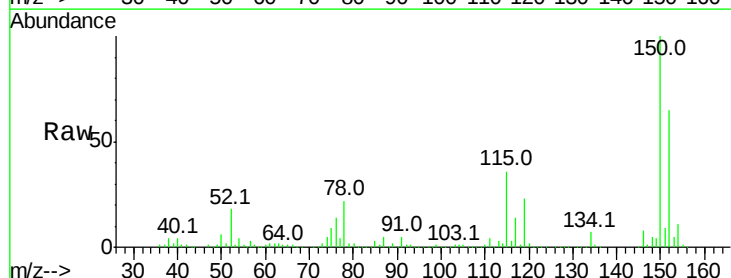
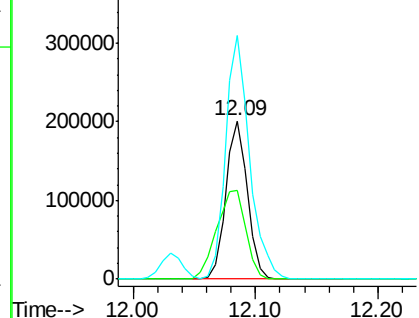
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

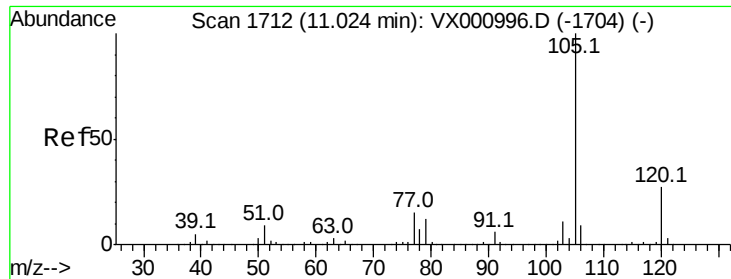


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.2	38.2	114.6
150	171.6	0.0	350.4

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





#73

Isopropylbenzene

Concen: 47.027 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 752616

Ion Ratio Lower Upper

105 100

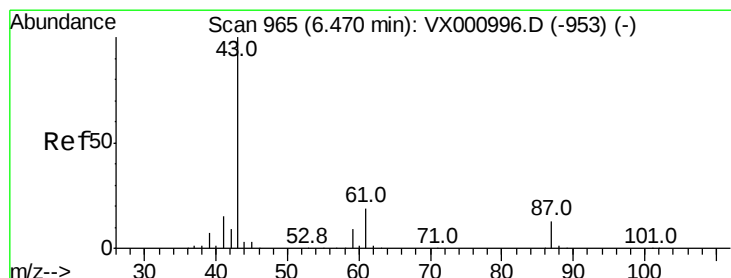
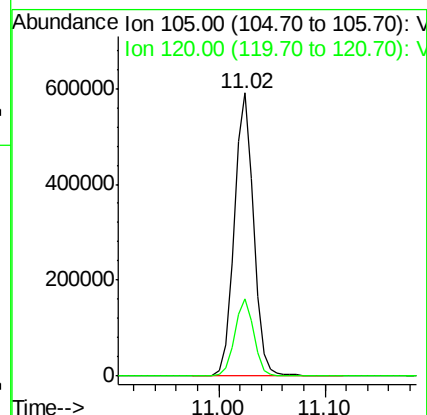
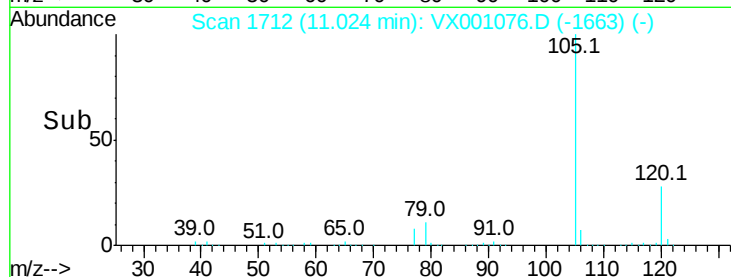
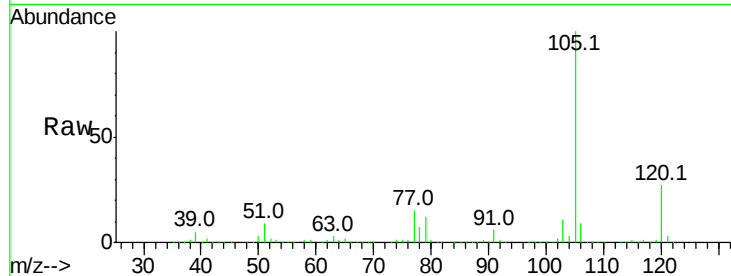
120 26.9 13.4 40.2

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:09 AM



#74

N-ethyl acetate

Concen: 48.733 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion: 43 Resp: 333631

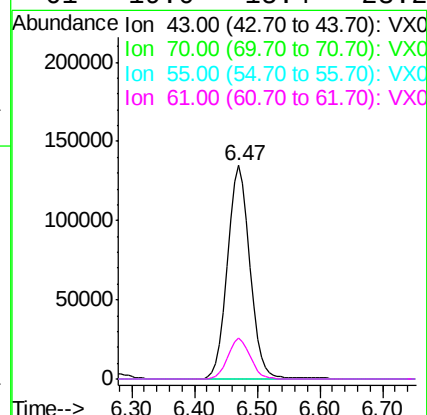
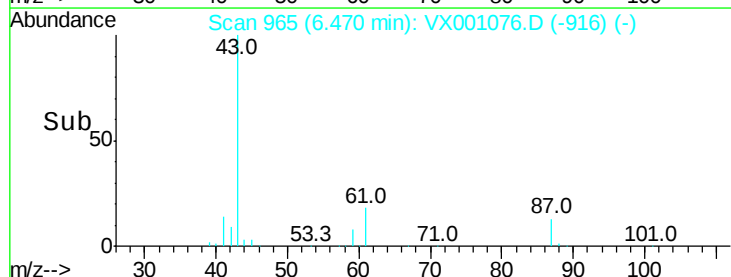
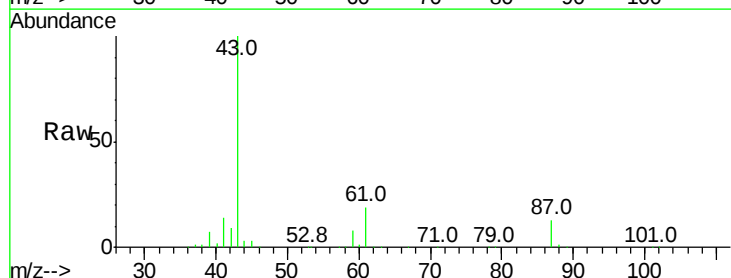
Ion Ratio Lower Upper

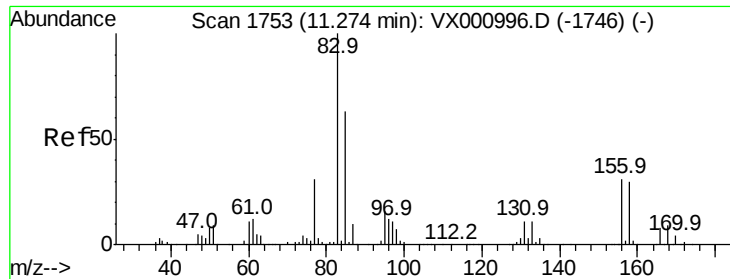
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.0 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.464 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 228626

Ion Ratio Lower Upper

83 100

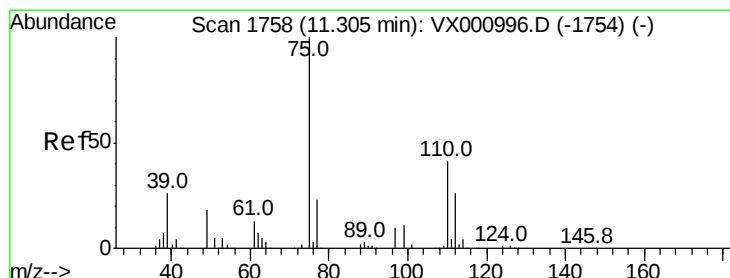
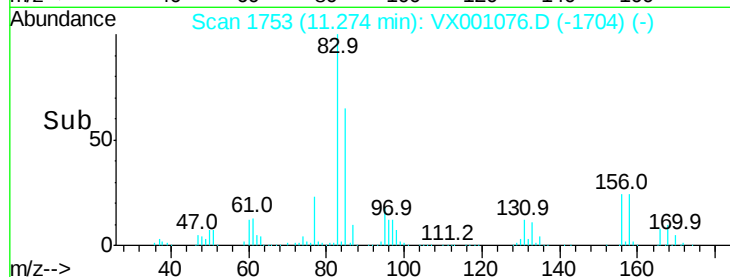
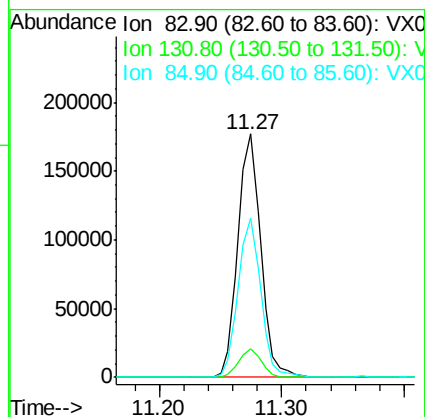
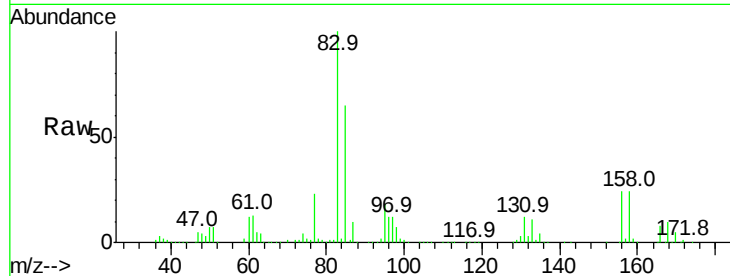
131 11.8 5.8 17.4

85 64.8 32.0 96.2

Manual Integrations
APPROVED

Sohil

4/26/2018 4:06:09 AM



#76

1,2,3-Trichloropropane

Concen: 52.228 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001076.D

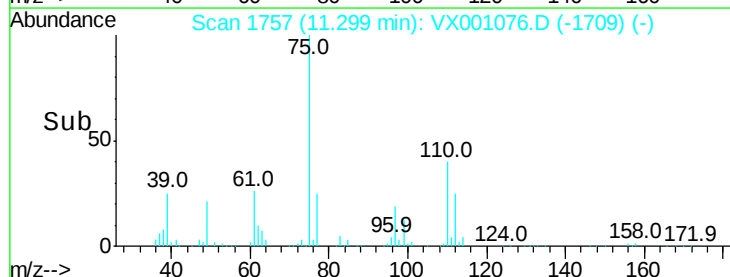
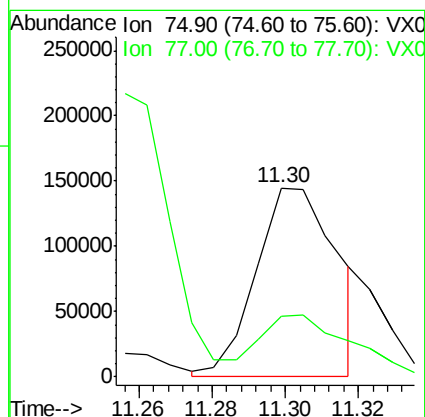
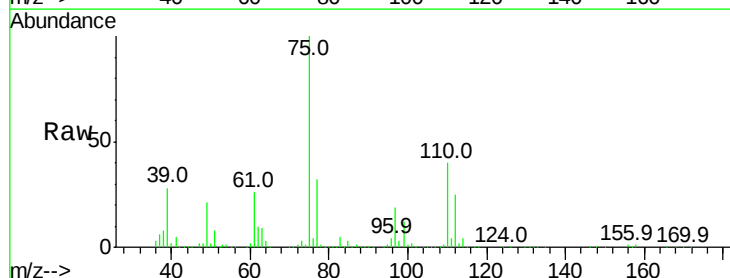
Acq: 24 Apr 2018 11:43

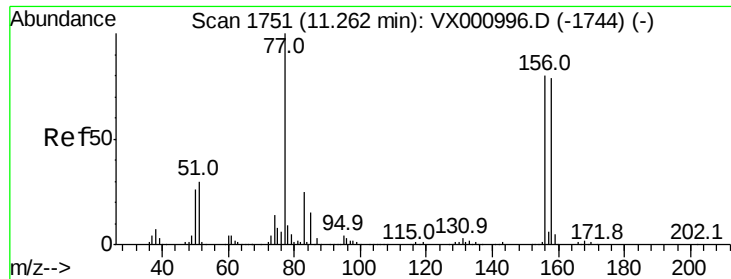
Tgt Ion: 75 Resp: 221824

Ion Ratio Lower Upper

75 100

77 36.7 19.6 58.7





#77

Bromobenzene

Concen: 47.293 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

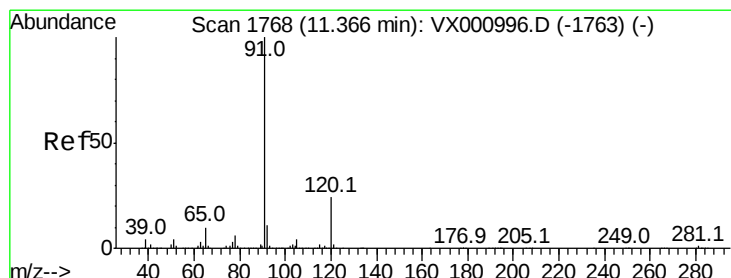
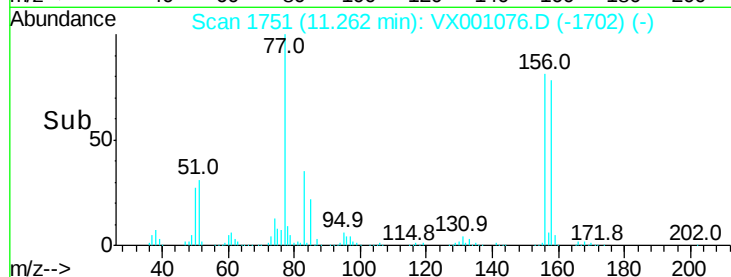
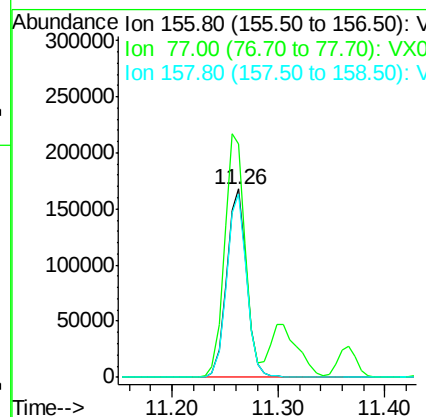
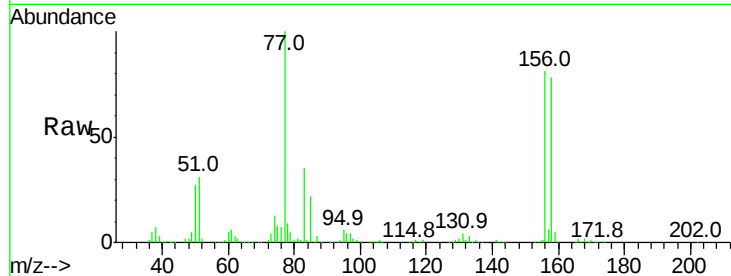
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	219700
Ion Ratio	Lower	Upper	
156	100		
77	131.9	66.3	199.0
158	97.2	48.9	146.6

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



#78

n-propylbenzene

Concen: 46.779 ug/l

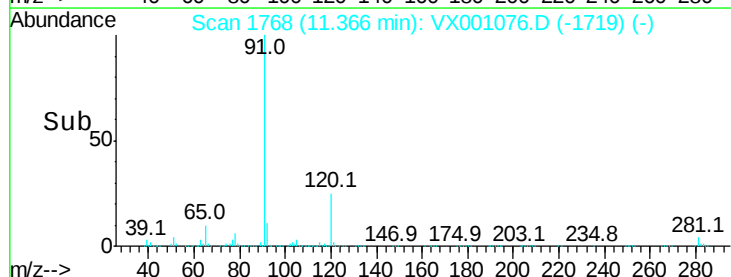
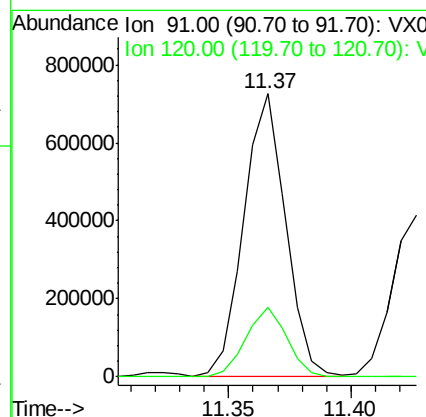
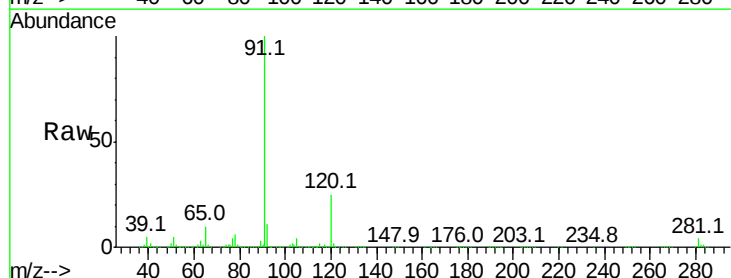
RT: 11.37 min Scan# 1768

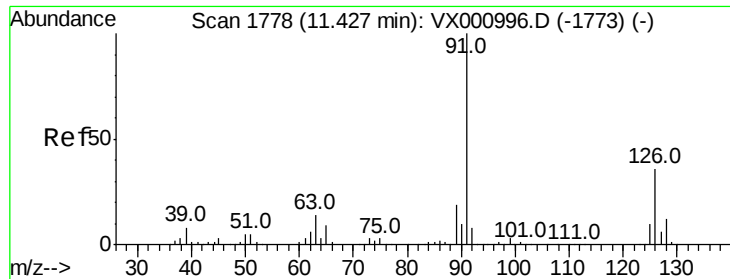
Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion:	91	Resp:	859450
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.4	37.0





#79

2-Chlorotoluene

Concen: 46.924 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 509441

Ion Ratio Lower Upper

91 100

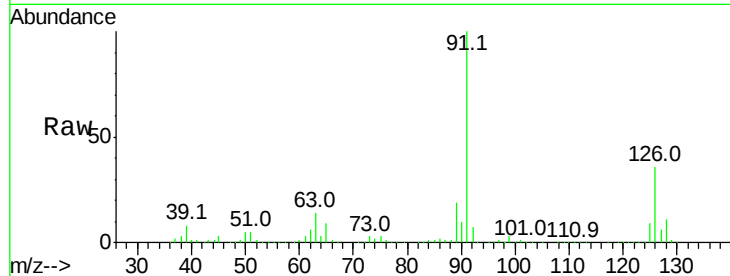
126 36.1 18.3 54.9

Manual Integrations

APPROVED

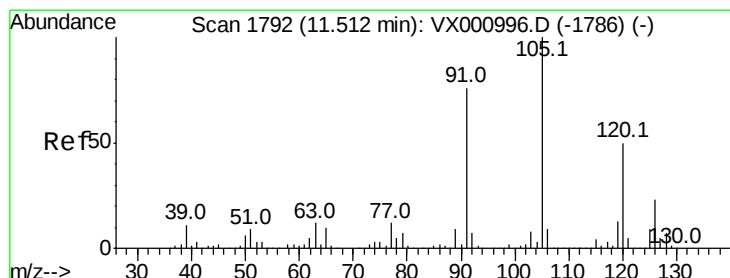
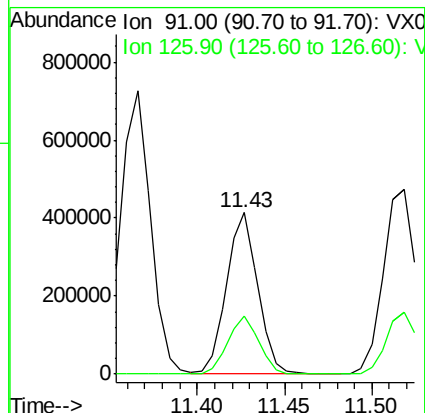
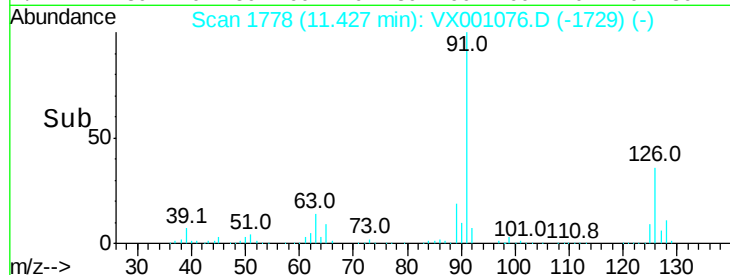
Sohil

4/26/2018 4:06:09 AM



Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000996.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.053 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001076.D

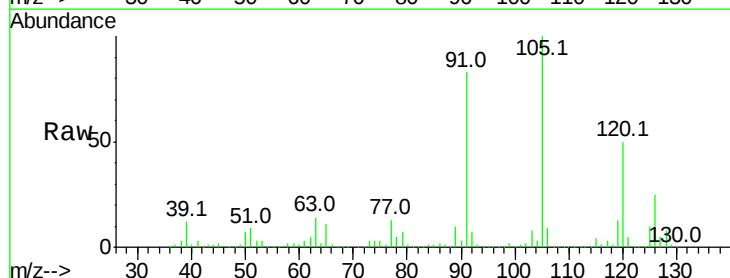
Acq: 24 Apr 2018 11:43

Tgt Ion: 105 Resp: 651884

Ion Ratio Lower Upper

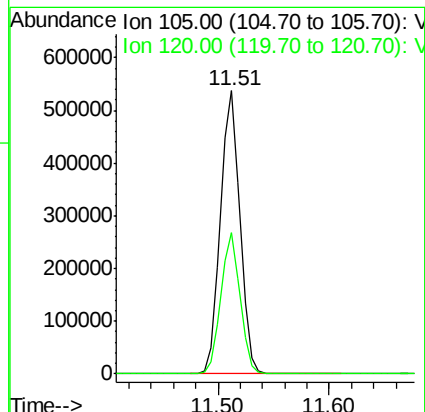
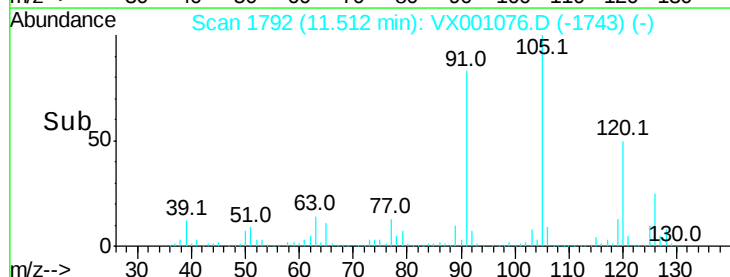
105 100

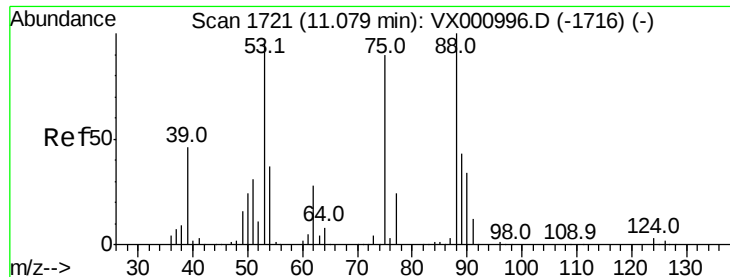
120 49.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000996.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000996.D (-1786) (-)





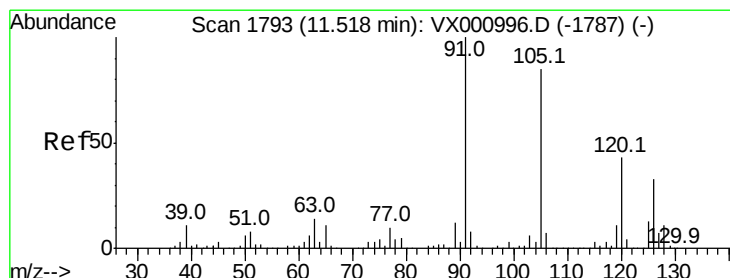
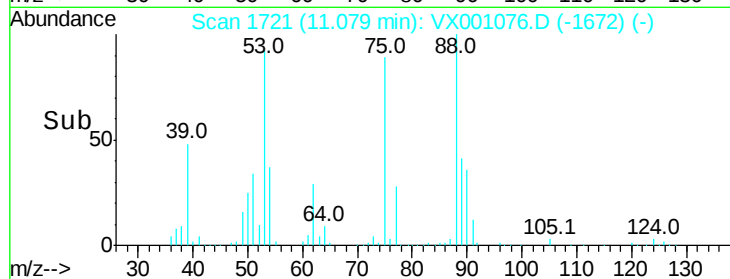
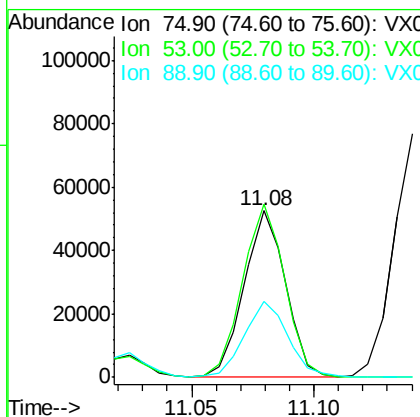
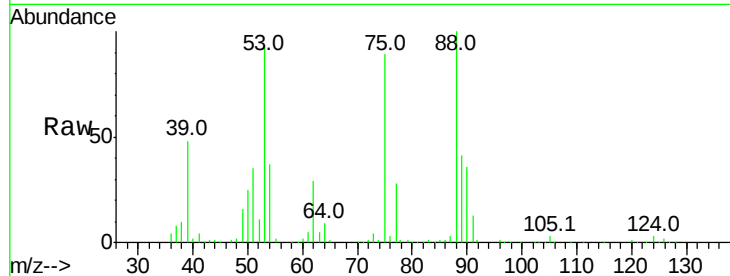
#81
trans-1,4-Dichloro-2-butene
Concen: 44.960 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 61742
Ion Ratio Lower Upper
75 100
53 106.4 83.4 125.2
89 49.0 39.7 59.5

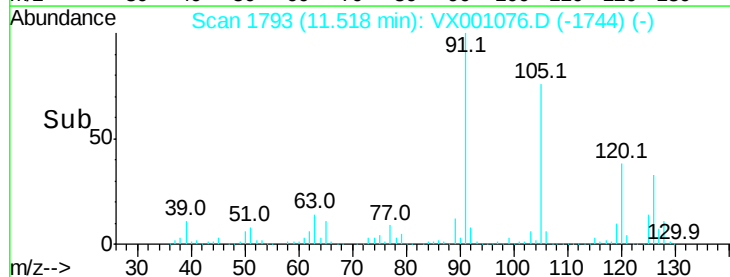
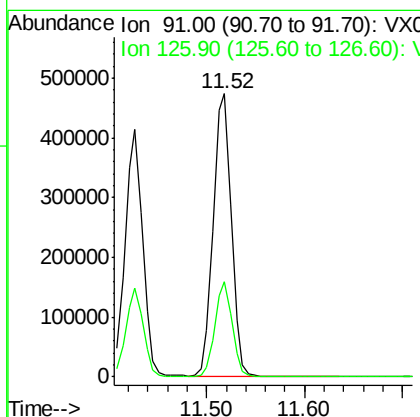
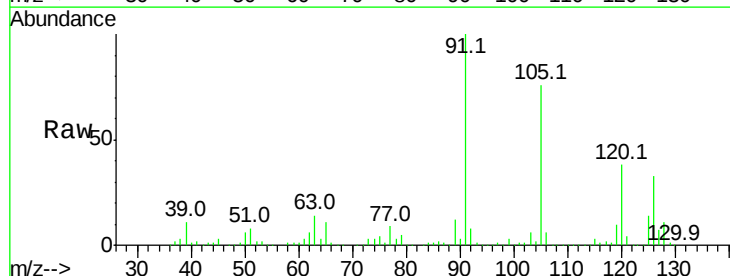
Manual Integrations
APPROVED

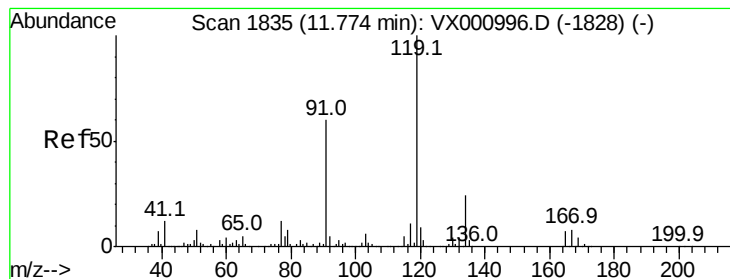
Sohil
4/26/2018 4:06:09 AM



#82
4-Chlorotoluene
Concen: 46.683 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion: 91 Resp: 612386
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.5





#83

tert-Butylbenzene

Concen: 46.807 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

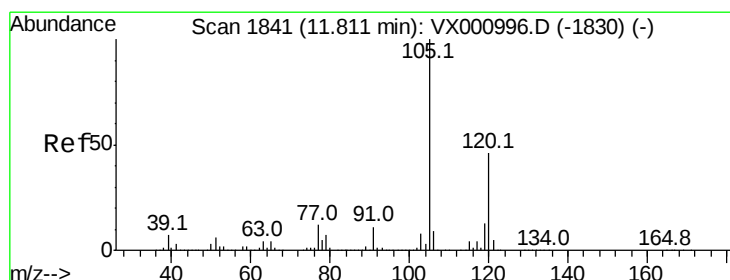
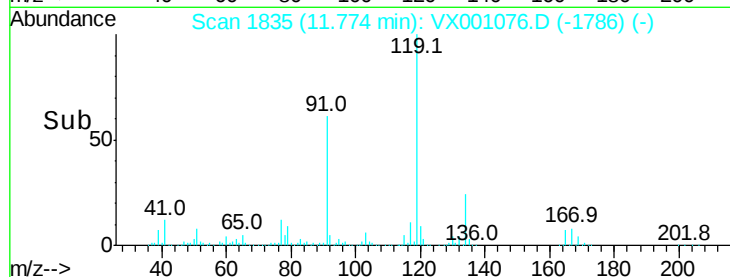
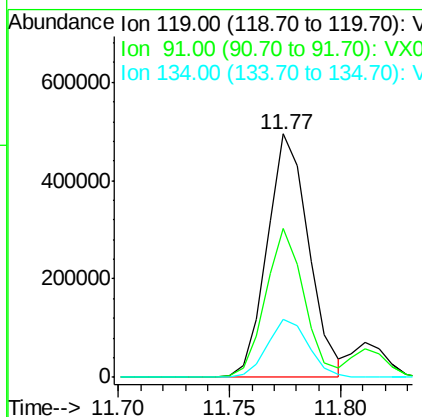
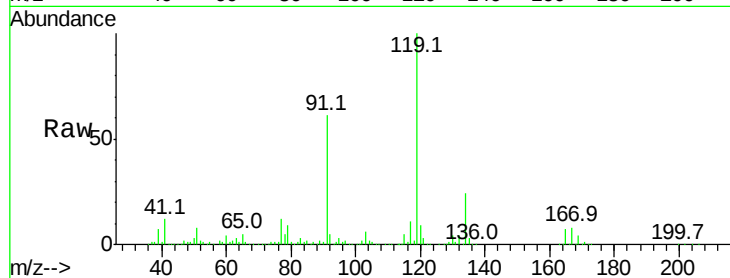
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	640589
Ion Ratio	Lower	Upper	
119	100		
91	57.0	27.0	81.0
134	23.7	11.6	34.7

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



#84

1,2,4-Trimethylbenzene

Concen: 48.014 ug/l

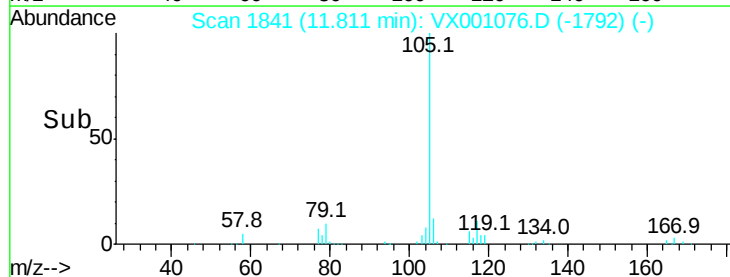
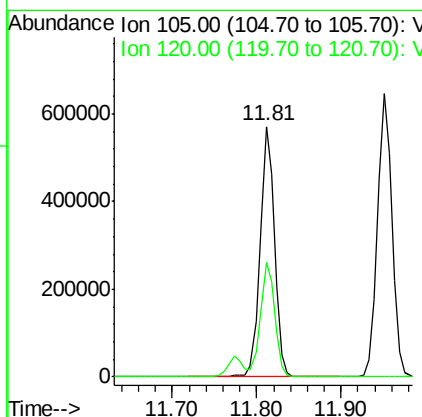
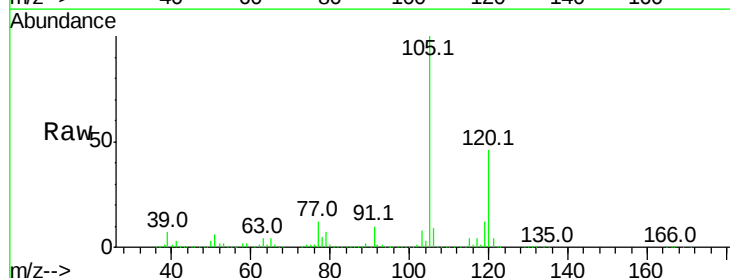
RT: 11.81 min Scan# 1841

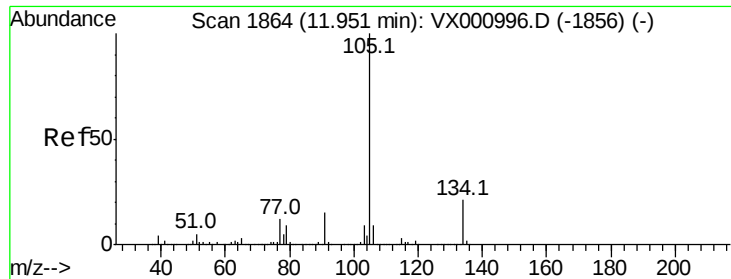
Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion:	105	Resp:	670329
Ion Ratio	Lower	Upper	
105	100		
120	45.2	23.0	69.0





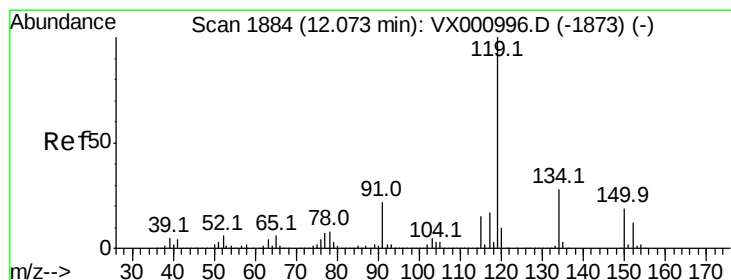
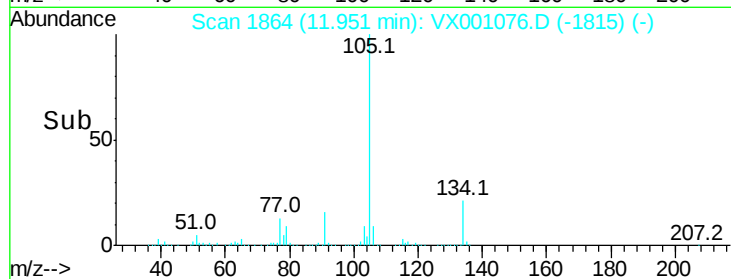
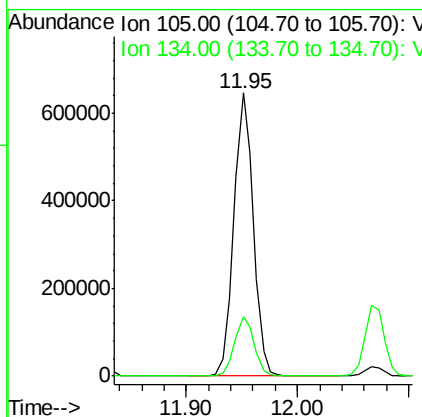
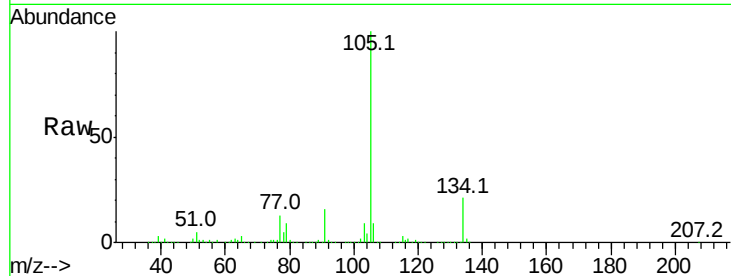
#85
 sec-Butylbenzene
 Concen: 47.426 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.5	31.6

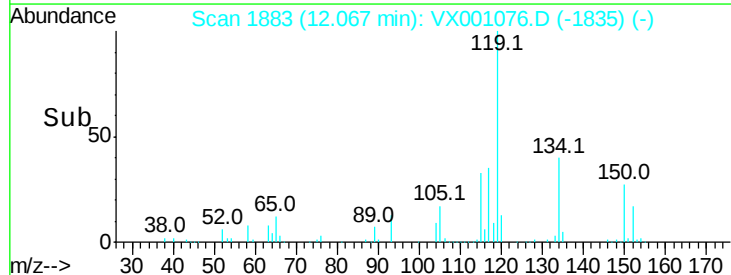
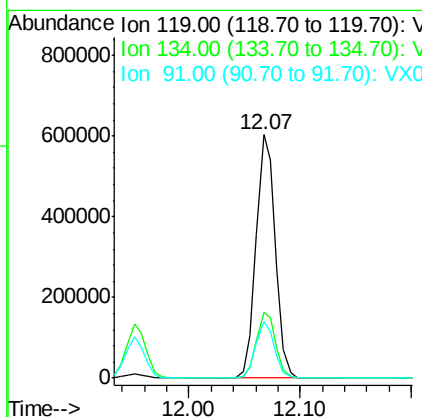
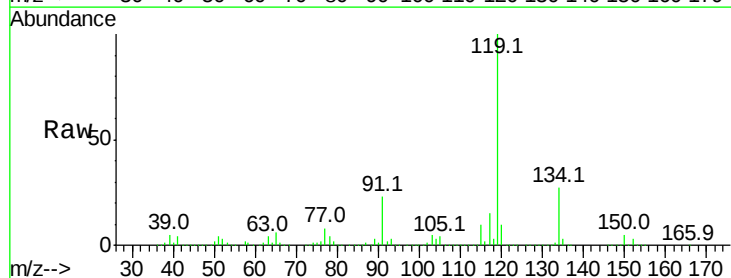
Manual Integrations
 APPROVED

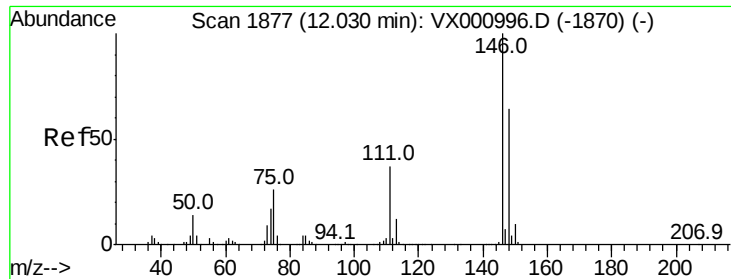
Sohil
 4/26/2018 4:06:09 AM



#86
 p-Isopropyltoluene
 Concen: 47.989 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.5	40.5
91	22.8	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 45.740 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

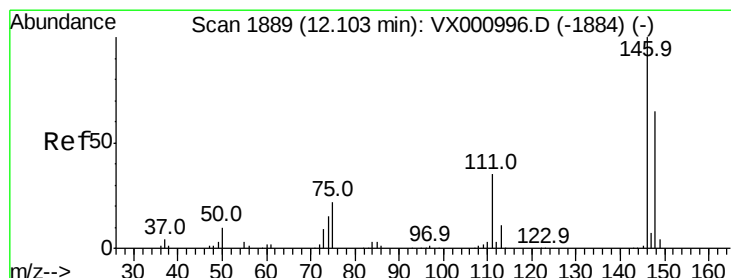
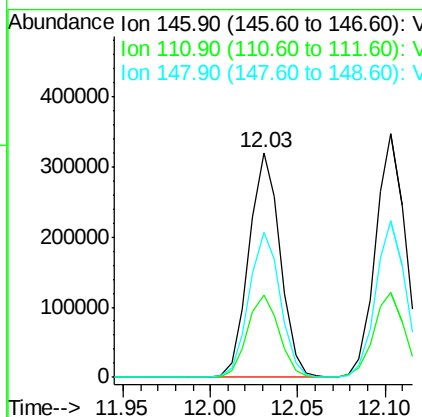
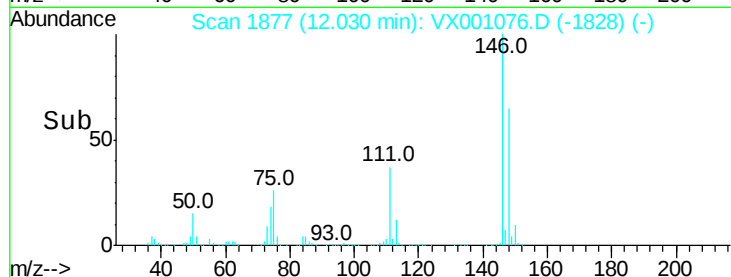
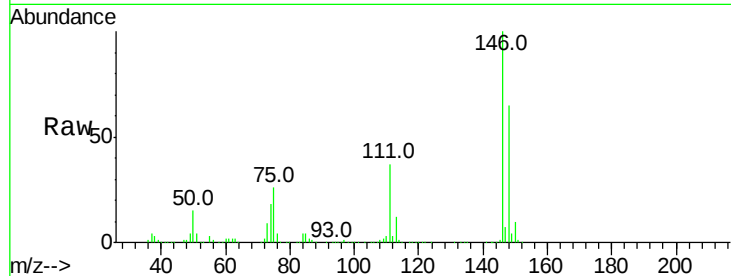
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	397785
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.3	54.8
148	64.7	32.2	96.6

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



#88

1,4-Dichlorobenzene

Concen: 46.037 ug/l

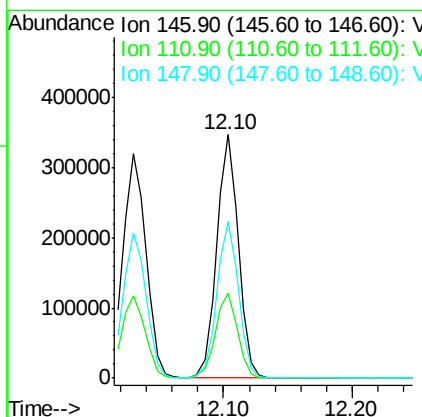
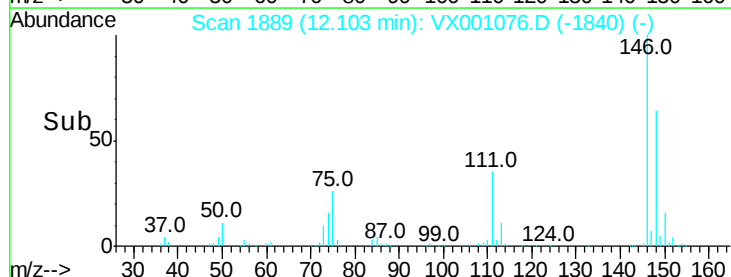
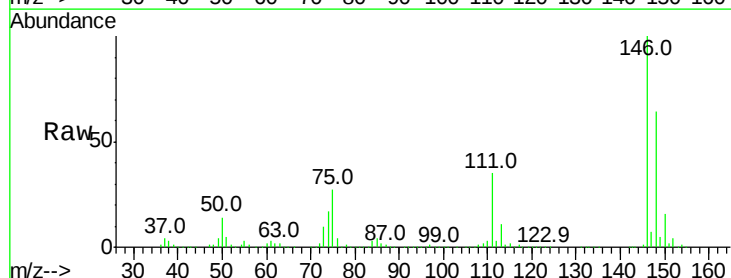
RT: 12.10 min Scan# 1889

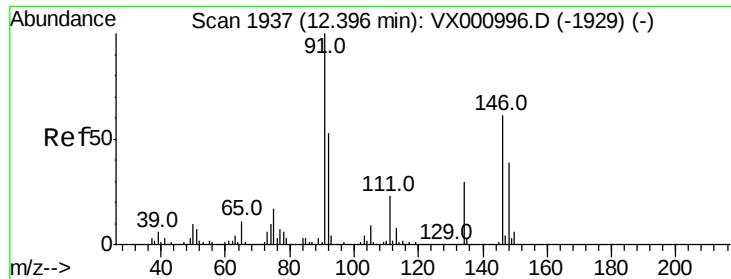
Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion:	146	Resp:	410952
Ion Ratio	Lower	Upper	
146	100		
111	36.0	18.0	54.0
148	64.5	32.4	97.0





#89

n-Butylbenzene

Concen: 46.605 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 626623

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

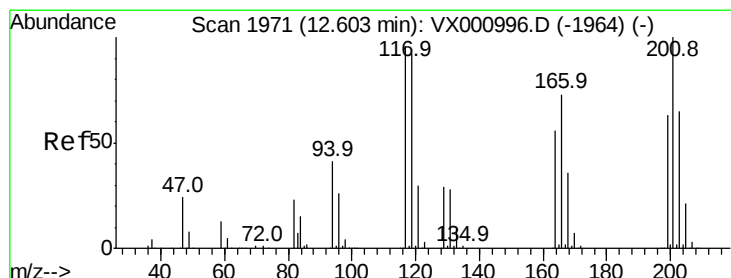
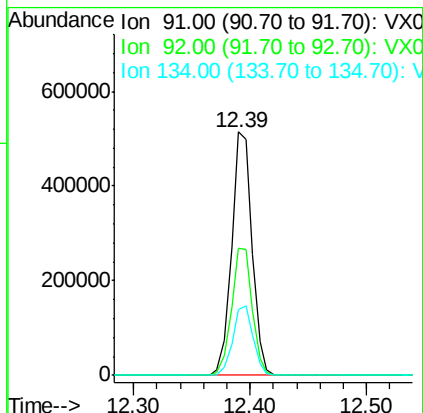
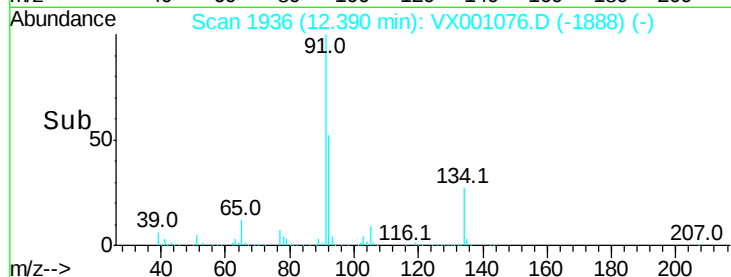
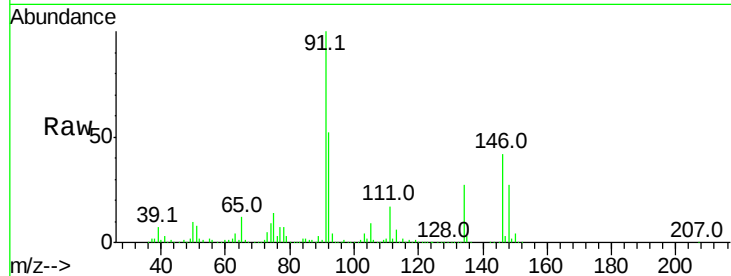
134 28.4 14.4 43.0

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:09 AM



#90

Hexachloroethane

Concen: 50.547 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001076.D

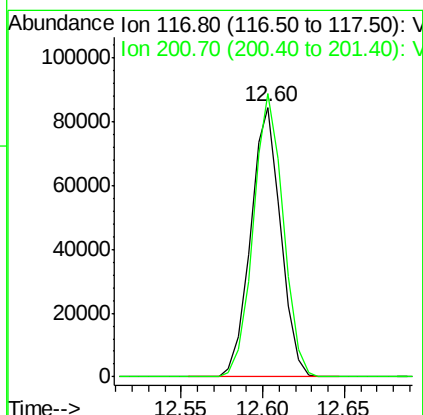
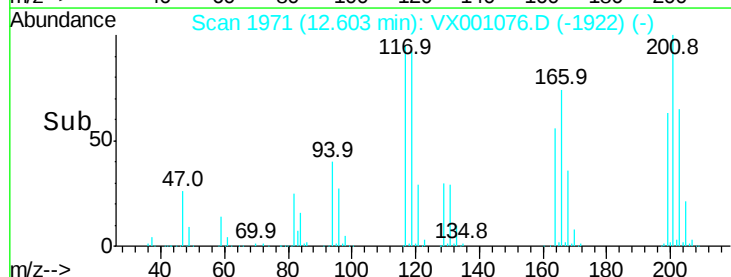
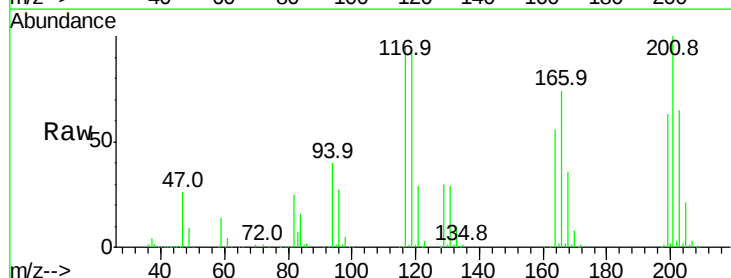
Acq: 24 Apr 2018 11:43

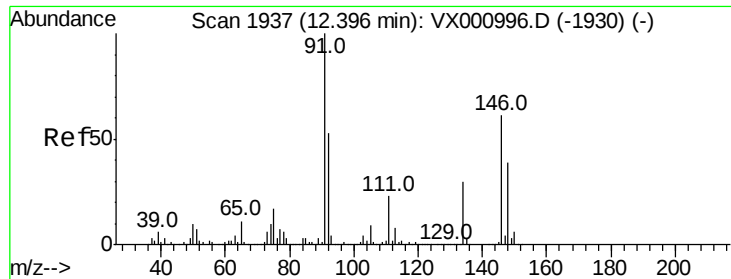
Tgt Ion: 117 Resp: 108237

Ion Ratio Lower Upper

117 100

201 104.4 52.3 157.1





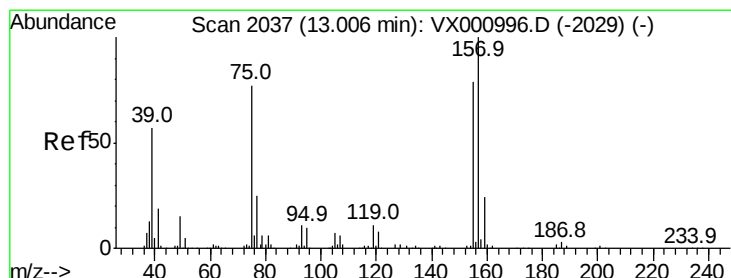
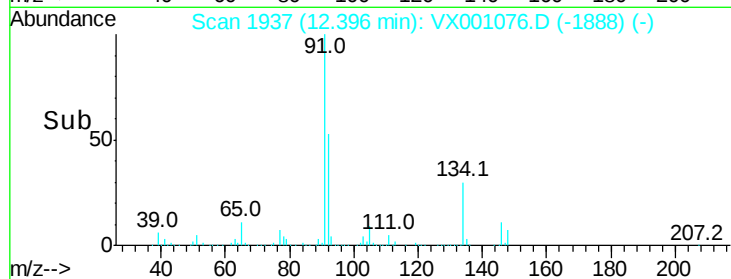
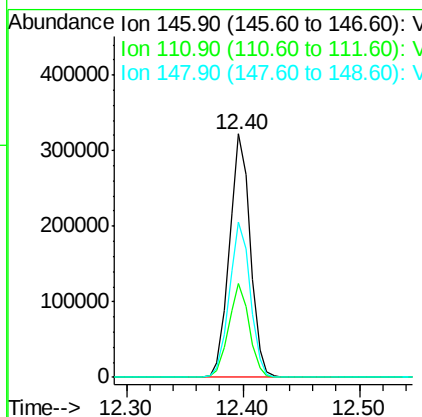
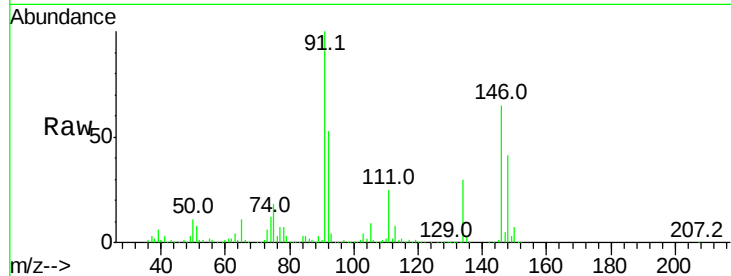
#91
 1,2-Dichlorobenzene
 Concen: 47.481 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	399758		
111	37.9	18.6	56.0	
148	64.0	32.3	96.8	

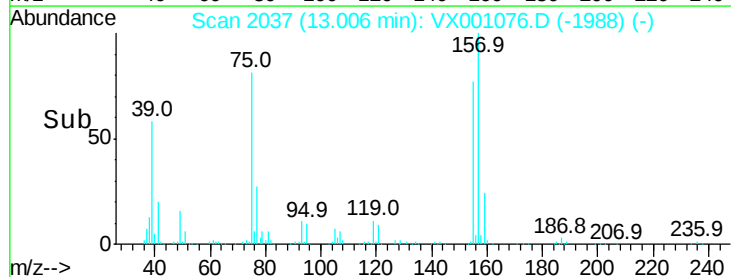
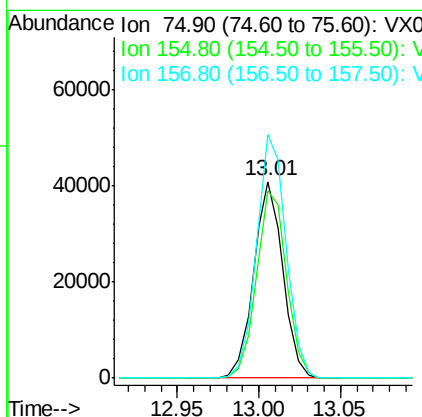
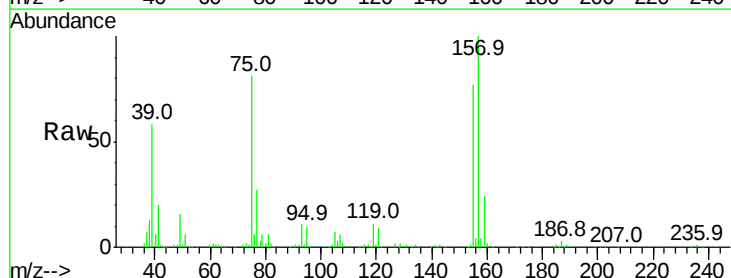
Manual Integrations
 APPROVED

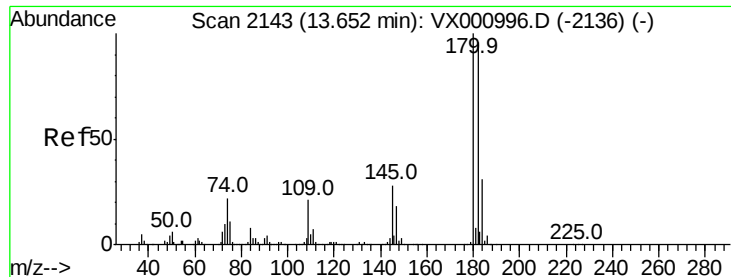
Sohil
 4/26/2018 4:06:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.348 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	50632		
155	98.1	51.0	153.0	
157	125.8	64.9	194.7	





#93

1,2,4-Trichlorobenzene

Concen: 46.103 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

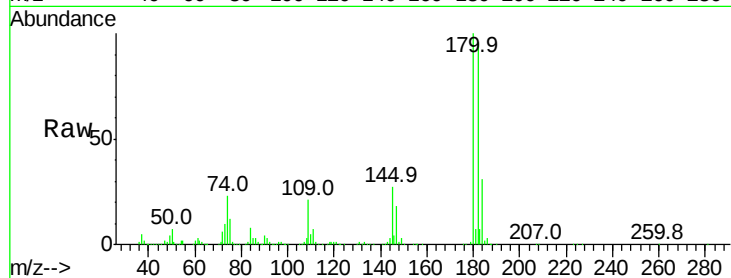
ClientSampleId :

VSTDCCC050

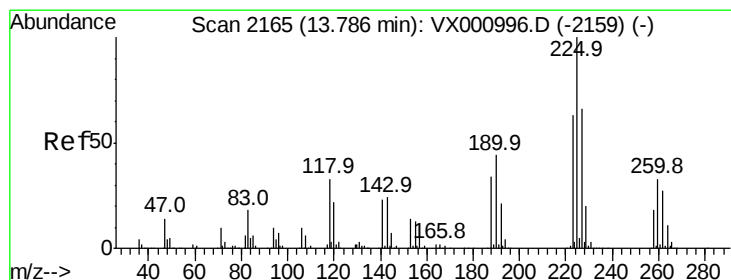
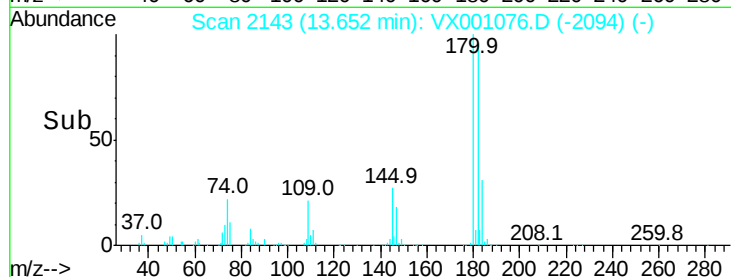
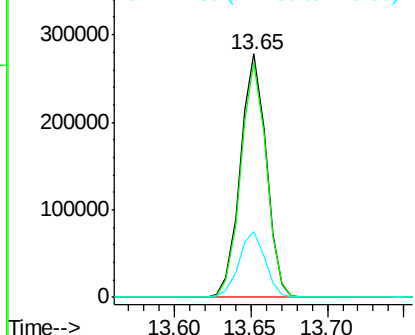
Tot Ion:	180	Resp:	325835
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.0
145	27.4	13.9	41.7

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 46.817 ug/l

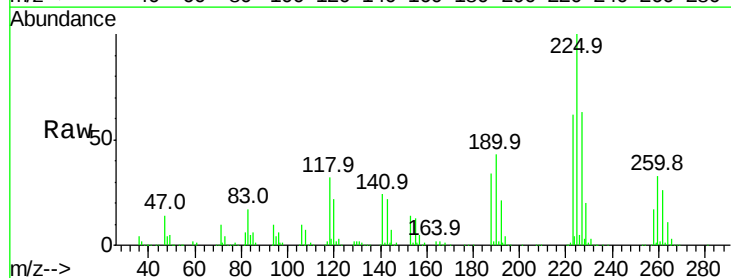
RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

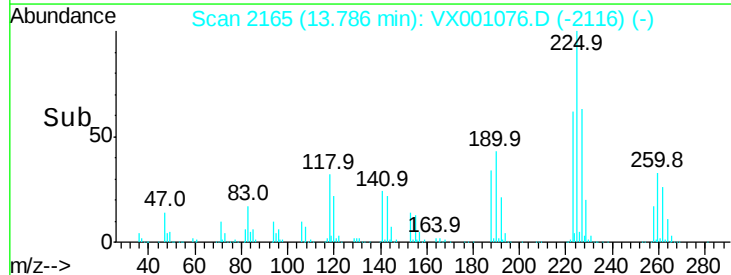
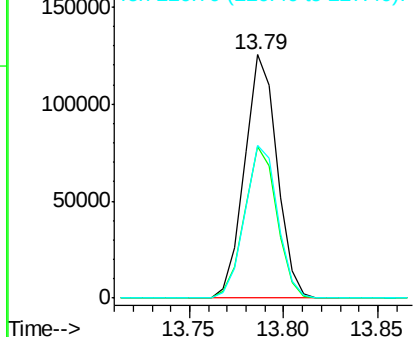
Lab File: VX001076.D

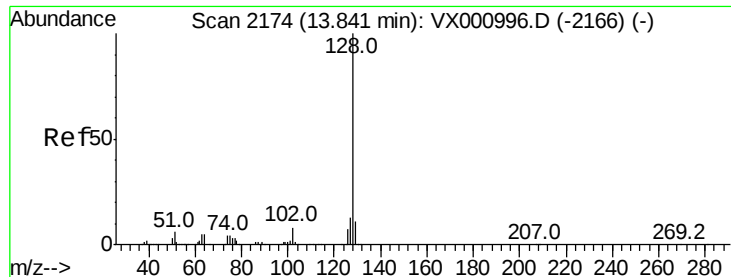
Acq: 24 Apr 2018 11:43

Tgt Ion:	225	Resp:	149718
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.5	94.5
227	63.7	32.6	97.8



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





#95

Naphthalene

Concen: 49.916 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

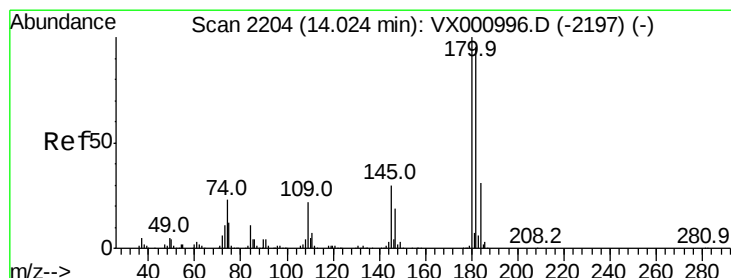
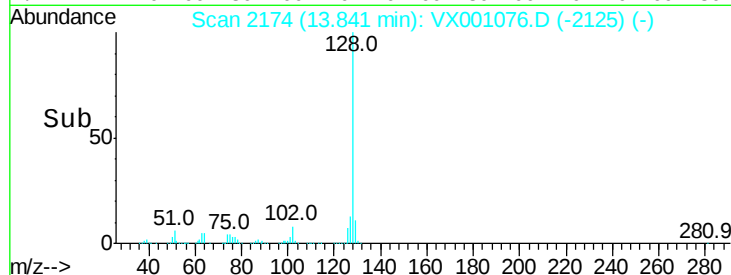
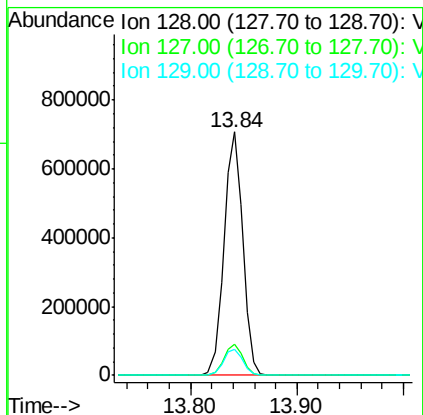
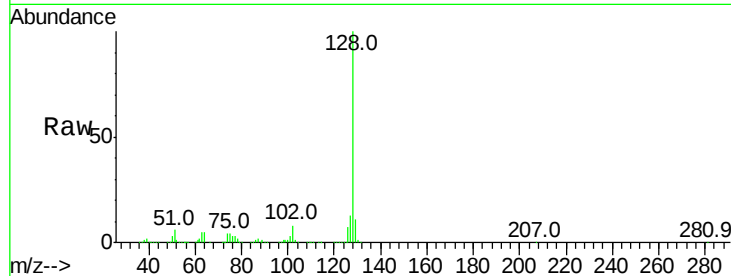
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	867646
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM



#96

1,2,3-Trichlorobenzene

Concen: 46.797 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion:	180	Resp:	319888
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.9	143.7
145	29.4	14.5	43.6

