

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003746.D
 Acq On : 31 Jul 2018 13:38
 Operator : JC/SP
 Sample : VX0731SBS01
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS01

Manual Integrations
 APPROVED

apatel
 8/1/2018 5:39:38 PM

Quant Time: Jul 31 14:38:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	103627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	137351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	125780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	52666	50.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	5.50	113	46634	57.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.32%	
50) Toluene-d8	8.71	98	177924	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
62) 4-Bromofluorobenzene	11.14	95	64144	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	18666	21.34	ug/l	100
3) Chloromethane	1.32	50	23554	21.42	ug/l	97
4) Vinyl Chloride	1.40	62	24802	20.97	ug/l	# 82
5) Bromomethane	1.64	94	16555	24.66	ug/l	97
6) Chloroethane	1.71	64	16319	20.87	ug/l	94
7) Trichlorofluoromethane	1.92	101	31790	20.50	ug/l	95
8) Diethyl Ether	2.19	74	11354	19.37	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	19748	20.07	ug/l	99
10) Methyl Iodide	2.51	142	17653	15.61	ug/l	96
11) Tert butyl alcohol	3.07	59	15701	92.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	18841	20.34	ug/l	97
13) Acrolein	2.29	56	7179	129.30	ug/l	96
14) Allyl chloride	2.72	41	35223	21.45	ug/l	96
15) Acrylonitrile	3.15	53	41793	96.84	ug/l	99
16) Acetone	2.45	43	40963	102.32	ug/l	99
17) Carbon Disulfide	2.56	76	57700	19.15	ug/l	98
18) Methyl Acetate	2.78	43	21942	19.50	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	49662	19.70	ug/l	100
20) Methylene Chloride	2.85	84	22514	19.41	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	19778	19.49	ug/l	98
22) Diisopropyl ether	3.87	45	61475	20.74	ug/l	97
23) Vinyl Acetate	3.82	43	213899	100.06	ug/l	99
24) 1,1-Dichloroethane	3.69	63	36076	20.87	ug/l	97
25) 2-Butanone	4.69	43	56026	96.00	ug/l	99
26) 2,2-Dichloropropane	4.58	77	28809	21.16	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	22009	20.12	ug/l	96
28) Bromochloromethane	5.01	49	16089	20.75	ug/l	91
29) Tetrahydrofuran	5.15	42	33715	90.65	ug/l	99
30) Chloroform	5.21	83	35085	20.60	ug/l	93
31) Cyclohexane	5.58	56	33257	19.92	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	30165	20.61	ug/l	99
36) 1,1-Dichloropropene	5.79	75	28223	21.94	ug/l	99
37) Ethyl Acetate	4.85	43	20990	21.24	ug/l	98
38) Carbon Tetrachloride	5.78	117	26370	22.16	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003746.D
 Acq On : 31 Jul 2018 13:38
 Operator : JC/SP
 Sample : VX0731SBS01
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS01

Manual Integrations
 APPROVED

apatel
 8/1/2018 5:39:38 PM

Quant Time: Jul 31 14:38:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	30944	19.59	ug/l	98
40) Benzene	6.14	78	76909	20.86	ug/l	98
41) Methacrylonitrile	5.05	41	12352	22.18	ug/l	98
42) 1,2-Dichloroethane	6.19	62	23939	21.50	ug/l	97
43) Isopropyl Acetate	6.46	43	30720	19.51	ug/l	98
44) Trichloroethene	7.21	130	20929	19.90	ug/l	95
45) 1,2-Dichloropropane	7.51	63	19106	21.08	ug/l	98
46) Dibromomethane	7.66	93	10822	20.72	ug/l	96
47) Bromodichloromethane	7.90	83	21658	20.81	ug/l	98
48) Methyl methacrylate	7.77	41	15823	20.04	ug/l	96
49) 1,4-Dioxane	7.75	88	5689	356.94	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	94591	97.77	ug/l	98
52) Toluene	8.79	92	47568	20.69	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	23492	19.76	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	26709	20.15	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	15986	20.20	ug/l	97
56) Ethyl methacrylate	9.18	69	20892	19.22	ug/l	94
57) 1,3-Dichloropropane	9.37	76	27332	20.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	48041	93.62	ug/l	98
59) 2-Hexanone	9.49	43	73025	99.08	ug/l	96
60) Dibromochloromethane	9.59	129	15285	19.18	ug/l	99
61) 1,2-Dibromoethane	9.67	107	16127	19.96	ug/l	100
64) Tetrachloroethene	9.34	164	19148	19.37	ug/l	97
65) Chlorobenzene	10.14	112	52727	20.06	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	17137	19.99	ug/l	98
67) Ethyl Benzene	10.26	91	89390	20.14	ug/l	100
68) m/p-Xylenes	10.36	106	69239	39.88	ug/l	98
69) o-Xylene	10.70	106	31612	19.61	ug/l	96
70) Styrene	10.71	104	53263	19.64	ug/l	98
71) Bromoform	10.86	173	10989	18.65	ug/l #	98
73) Isopropylbenzene	11.02	105	89499	19.97	ug/l	99
74) N-amyl acetate	6.46	43	30720	19.34	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	22639	19.43	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	19971m	20.24	ug/l	
77) Bromobenzene	11.26	156	22829	19.54	ug/l	96
78) n-propylbenzene	11.36	91	109929	20.25	ug/l	99
79) 2-Chlorotoluene	11.42	91	62325	20.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	76364	19.96	ug/l #	70
81) trans-1,4-Dichloro-2-buten	11.08	75	6115	18.36	ug/l	89
82) 4-Chlorotoluene	11.51	91	74632	19.96	ug/l	99
83) tert-Butylbenzene	11.77	119	74978	19.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	77979	19.80	ug/l	97
85) sec-Butylbenzene	11.95	105	96032	19.84	ug/l	99
86) p-Isopropyltoluene	12.07	119	85884	19.52	ug/l #	71
87) 1,3-Dichlorobenzene	12.02	146	45375	19.20	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	46757	19.39	ug/l	99
89) n-Butylbenzene	12.39	91	83940	20.05	ug/l	98
90) Hexachloroethane	12.60	117	12313	18.85	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	42797	19.44	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4200	18.17	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
Data File : VX003746.D
Acq On : 31 Jul 2018 13:38
Operator : JC/SP
Sample : VX0731SBS01
Misc : 5.00G/5.0mL/MSVOA X/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS01

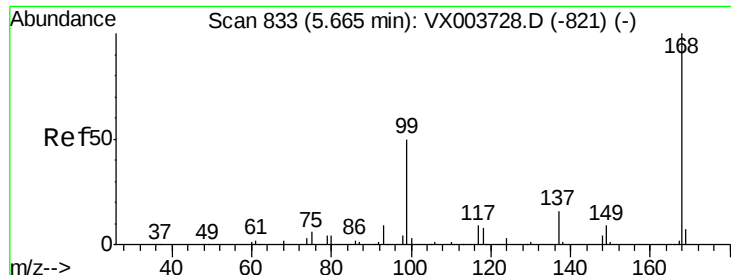
Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM

Quant Time: Jul 31 14:38:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	33105	18.96	ug/l	99
94) Hexachlorobutadiene	13.79	225	21139	18.93	ug/l	100
95) Naphthalene	13.83	128	69934	18.74	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	30219	19.07	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS01

Tot Ion:168 Resp: 103627

Ion Ratio Lower Upper

168 100

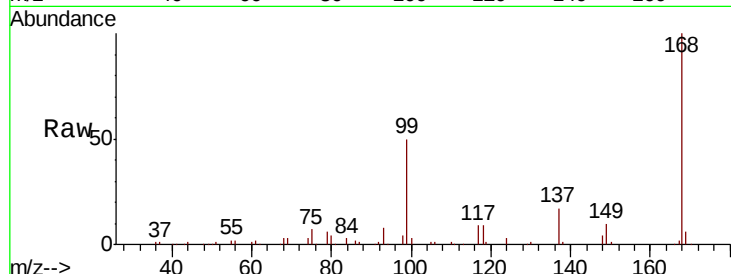
99 49.8 40.2 60.2

Manual Integrations

APPROVED

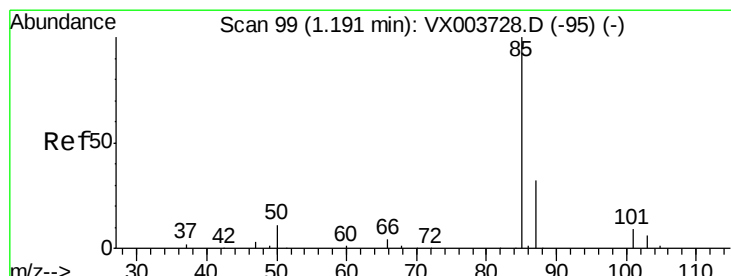
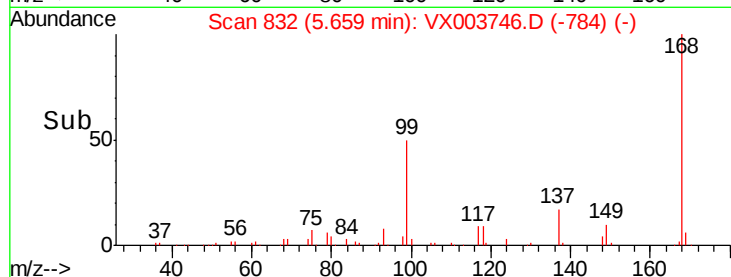
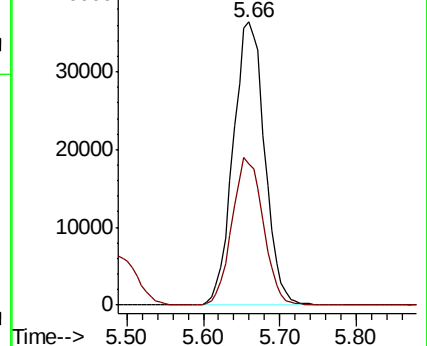
apatel

8/1/2018 5:39:38 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.34 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003746.D

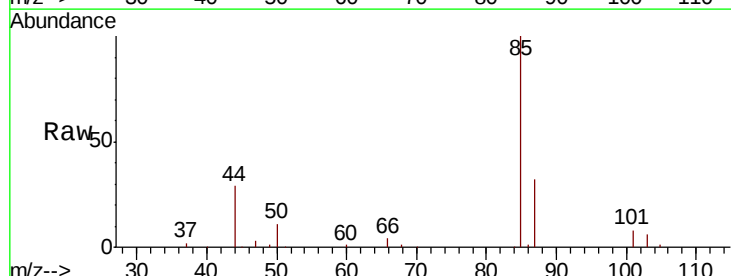
Acq: 31 Jul 2018 13:38

Tgt Ion: 85 Resp: 18666

Ion Ratio Lower Upper

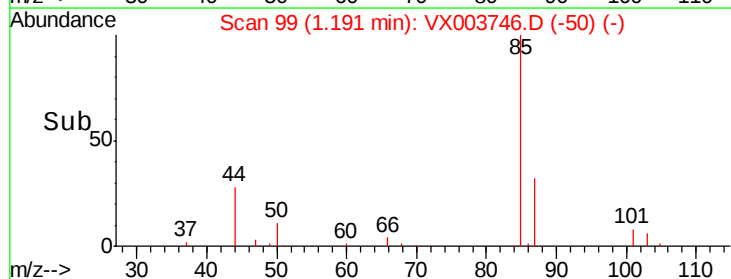
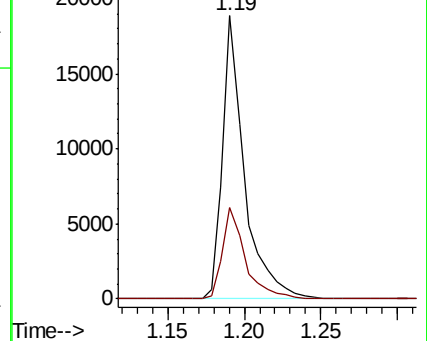
85 100

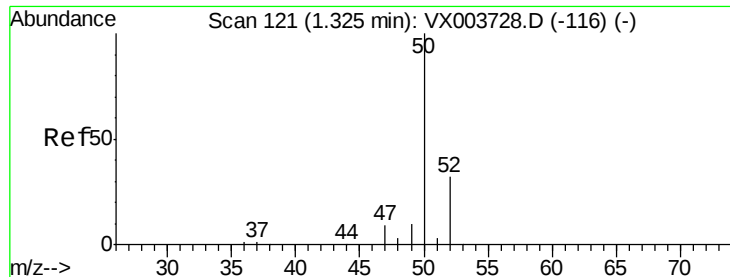
87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.42 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS01

Tot Ion: 50 Resp: 23554

Ion Ratio Lower Upper

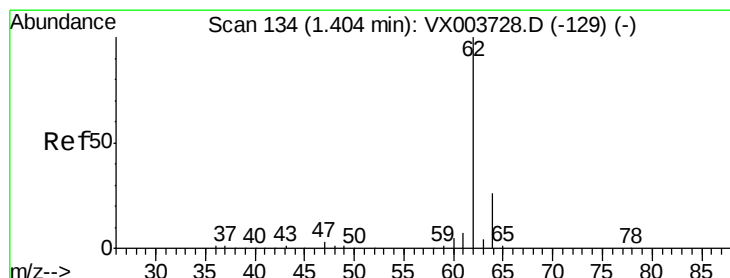
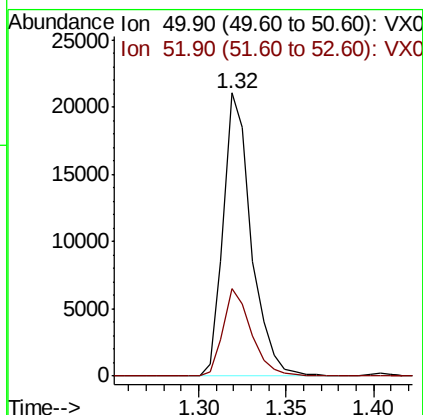
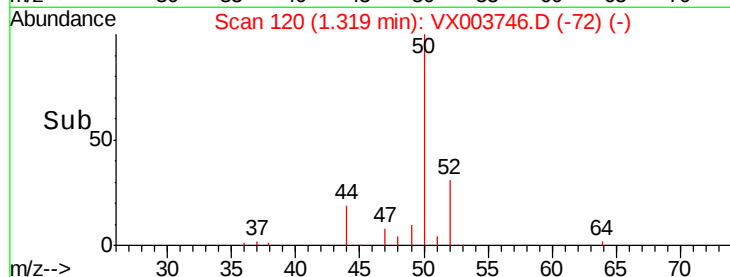
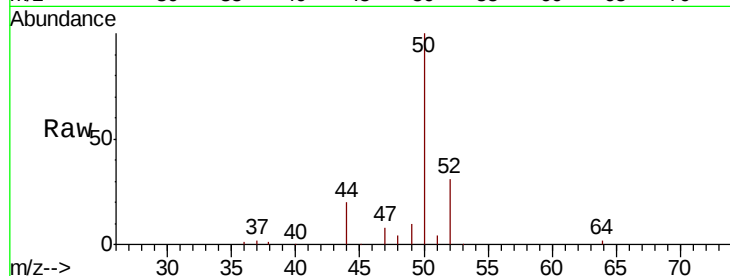
50 100

52 30.8 25.9 38.9

Manual Integrations
APPROVED

apatel

8/1/2018 5:39:38 PM



#4

Vinyl Chloride

Concen: 20.97 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003746.D

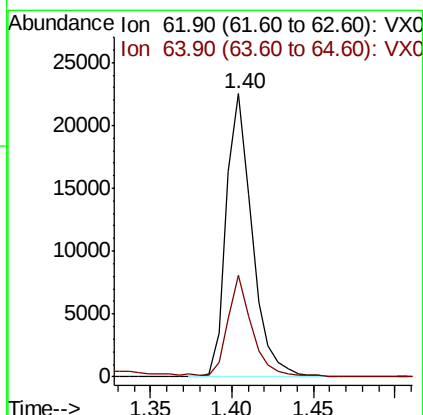
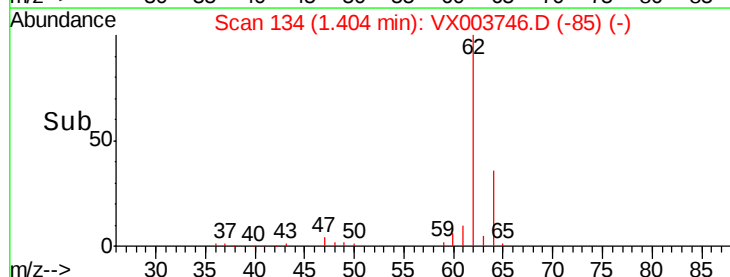
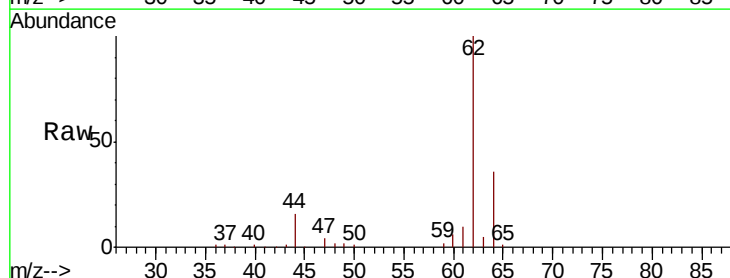
Acq: 31 Jul 2018 13:38

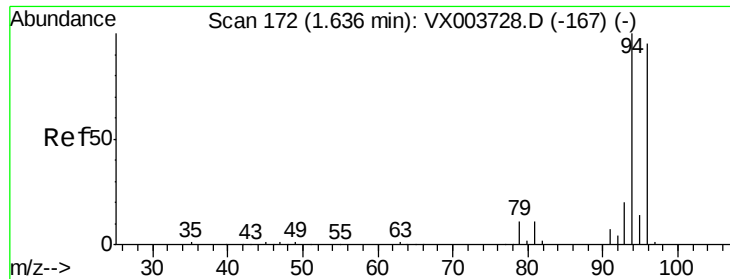
Tgt Ion: 62 Resp: 24802

Ion Ratio Lower Upper

62 100

64 35.6 21.0 31.4#





#5

Bromomethane

Concen: 24.66 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS01

Tot Ion: 94 Resp: 16555

Ion Ratio Lower Upper

94 100

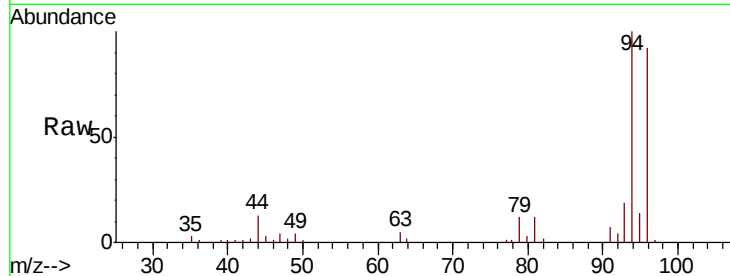
96 92.1 76.0 114.0

Manual Integrations

APPROVED

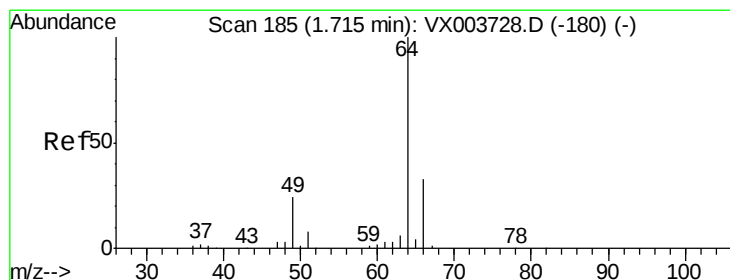
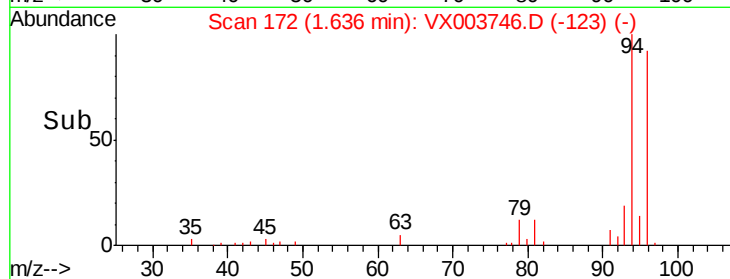
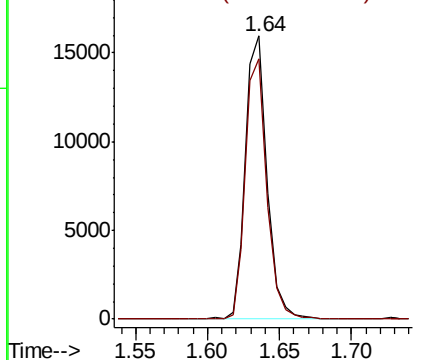
apatel

8/1/2018 5:39:38 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.87 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX003746.D

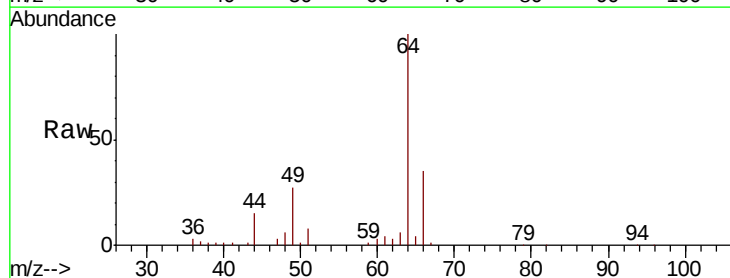
Acq: 31 Jul 2018 13:38

Tgt Ion: 64 Resp: 16319

Ion Ratio Lower Upper

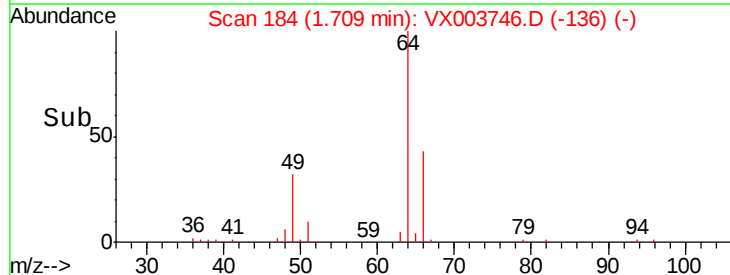
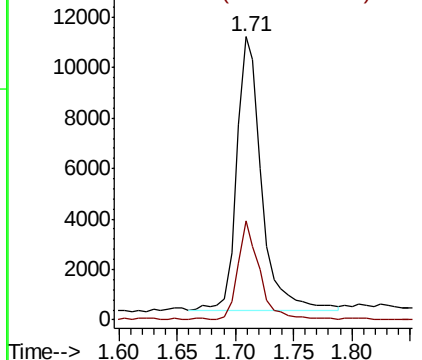
64 100

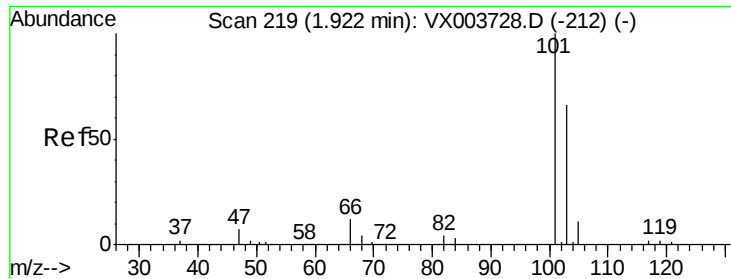
66 36.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

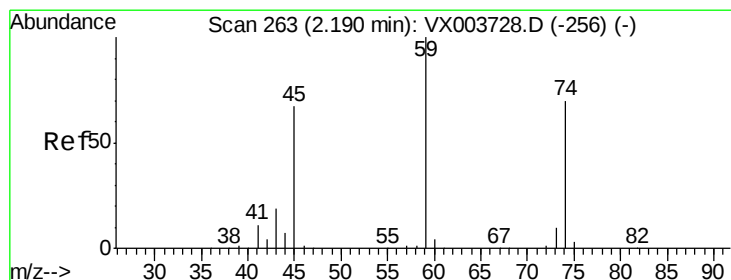
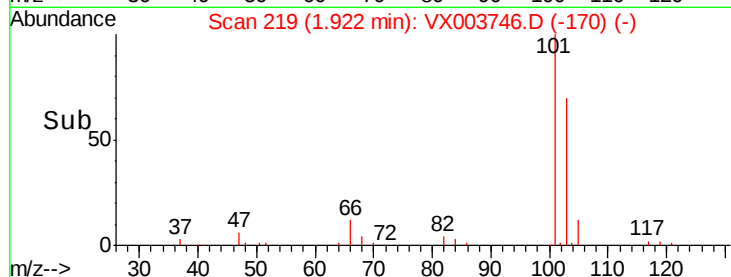
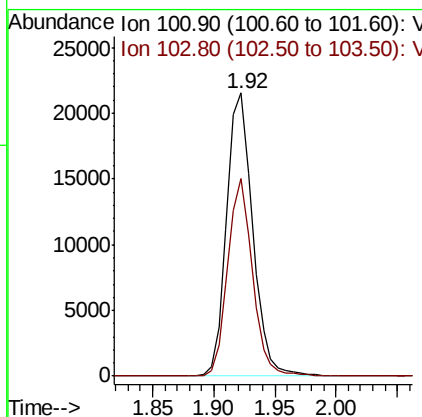
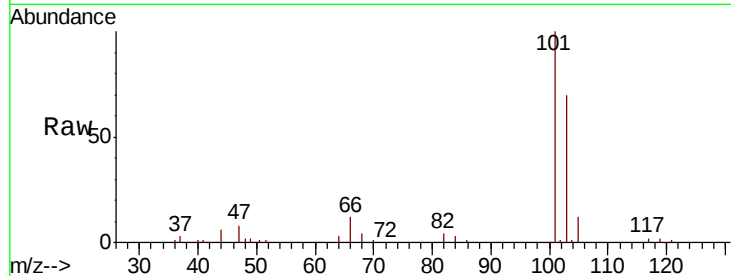
Trichlorofluoromethane
 Concen: 20.50 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.6	52.6	78.8

Manual Integrations
 APPROVED

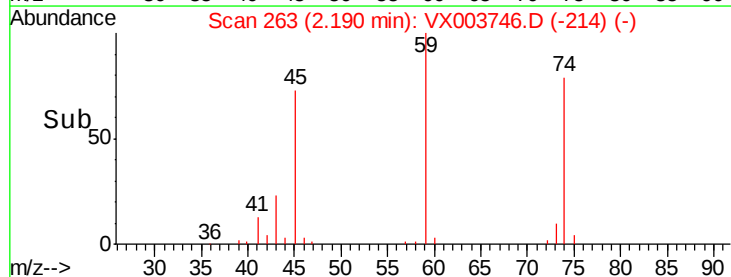
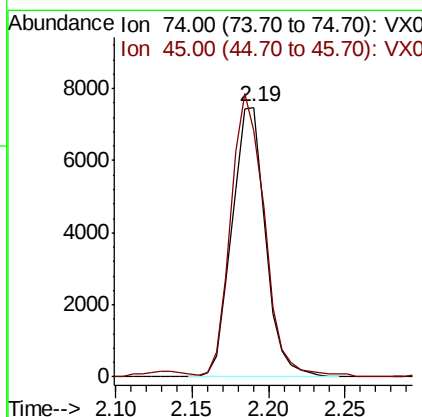
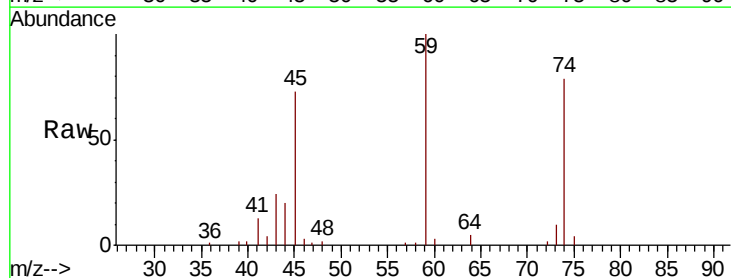
apatel
 8/1/2018 5:39:38 PM

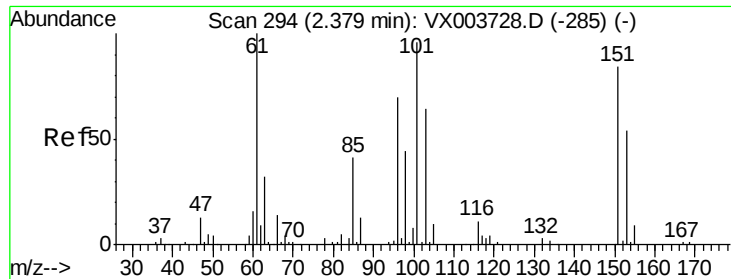


#8

Diethyl Ether
 Concen: 19.37 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.4	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.07 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

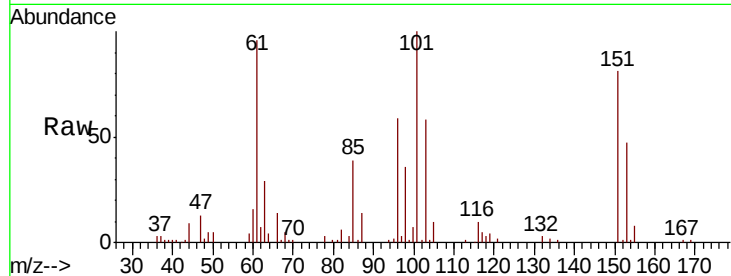
ClientSampled :

VX0731SBS01

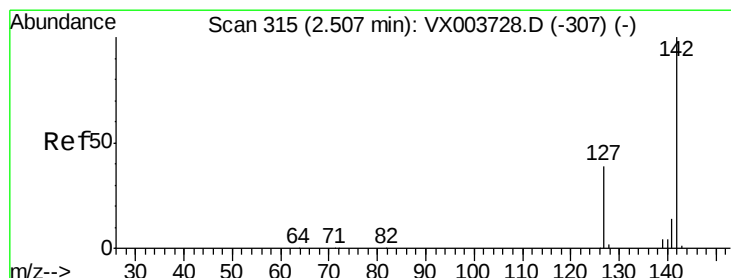
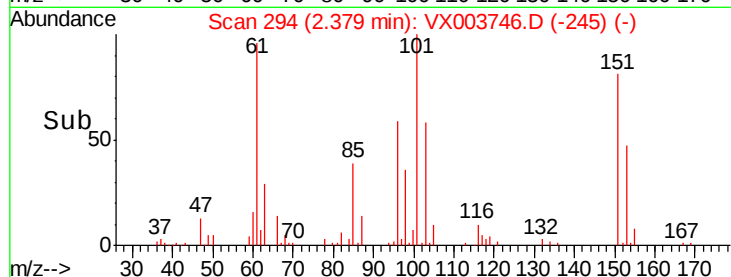
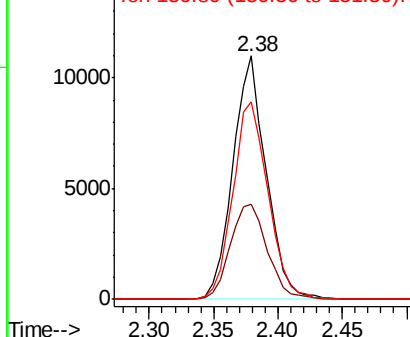
Tot Ion:	101	Resp:	19748
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.3	49.9
151	85.9	68.8	103.2

Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.61 ug/l

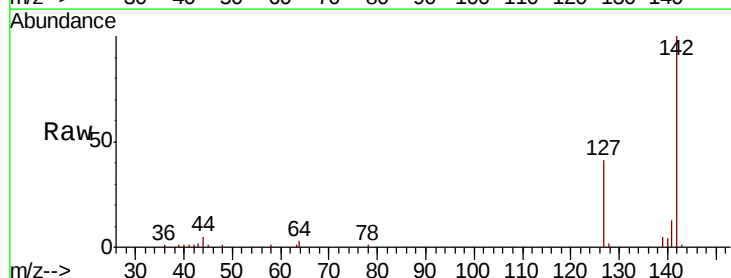
RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

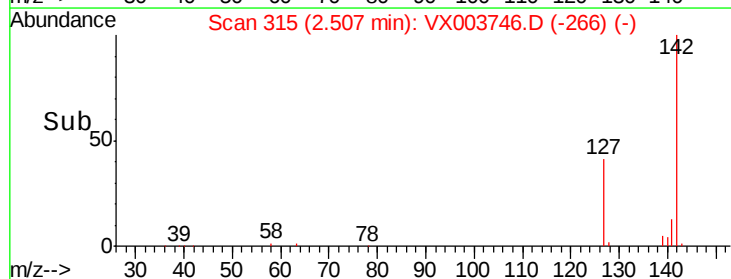
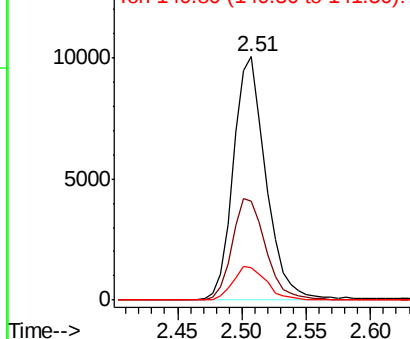
Lab File: VX003746.D

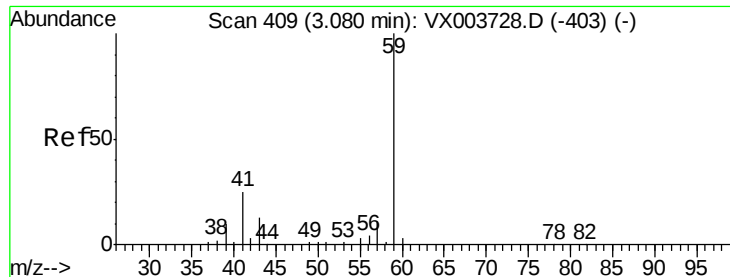
Acq: 31 Jul 2018 13:38

Tgt Ion:	142	Resp:	17653
Ion Ratio	Lower	Upper	
142	100		
127	42.9	32.0	48.0
141	13.9	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

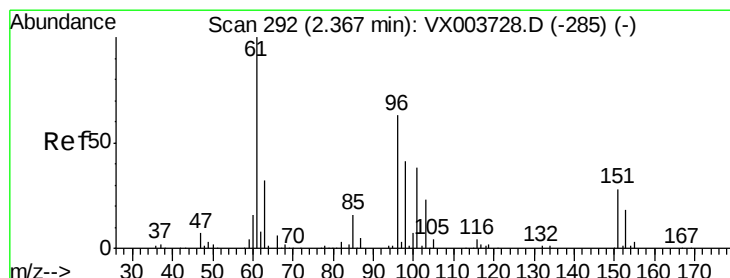
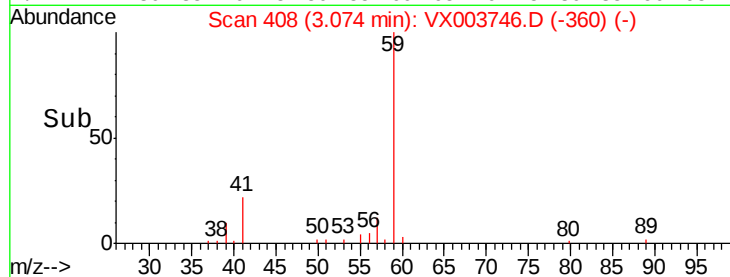
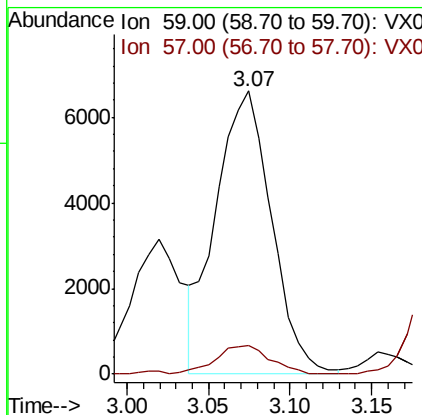
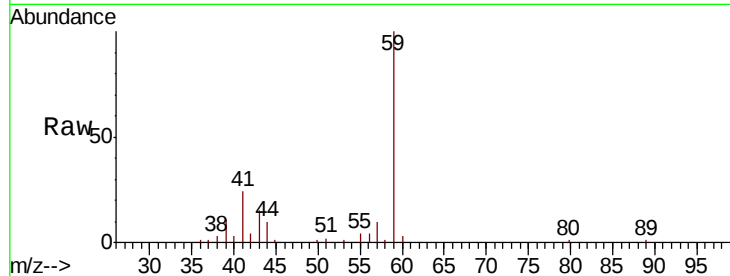
Tert butyl alcohol
Concen: 92.52 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampled :
VX0731SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

Manual Integrations
APPROVED

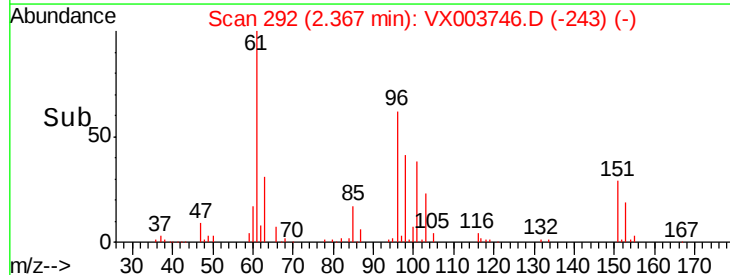
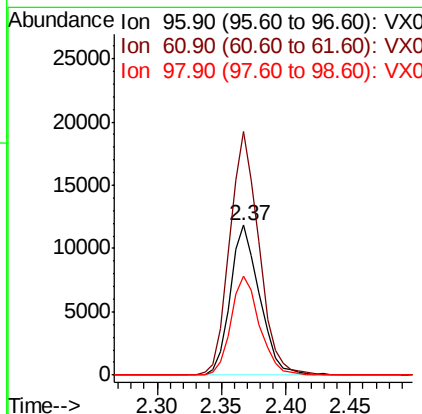
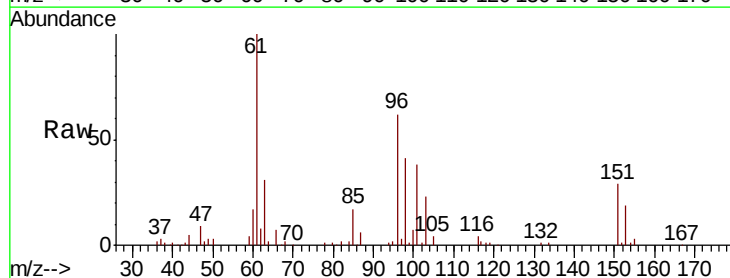
apatel
8/1/2018 5:39:38 PM

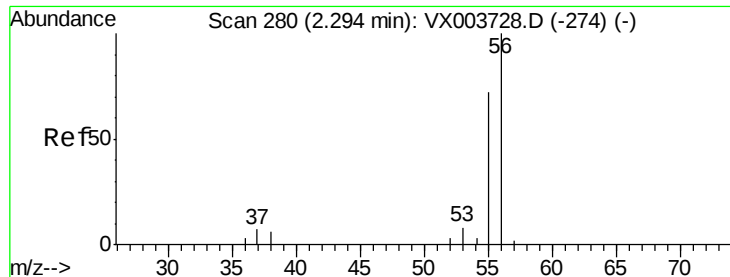


#12

1,1-Dichloroethene
Concen: 20.34 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.6	127.1	190.7
98	66.4	52.0	78.0





#13

Acrolein

Concen: 129.30 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS01

Tot Ion: 56 Resp: 7179

Ion Ratio Lower Upper

56 100

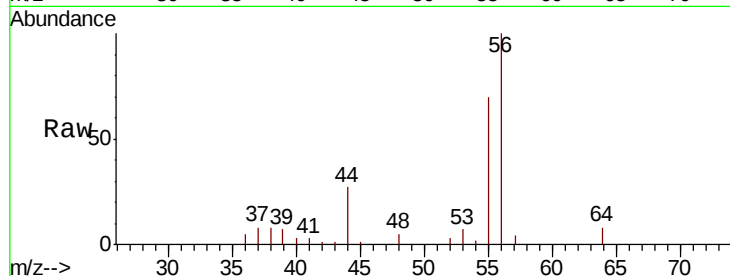
55 72.9 61.4 92.0

Manual Integrations

APPROVED

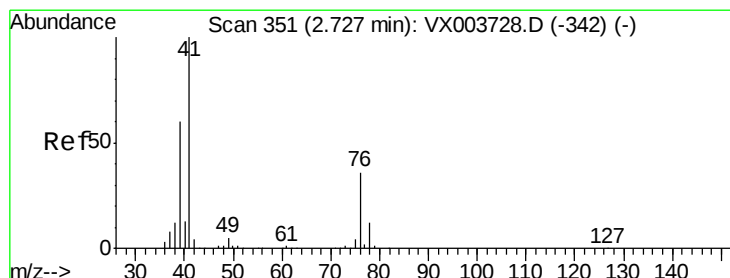
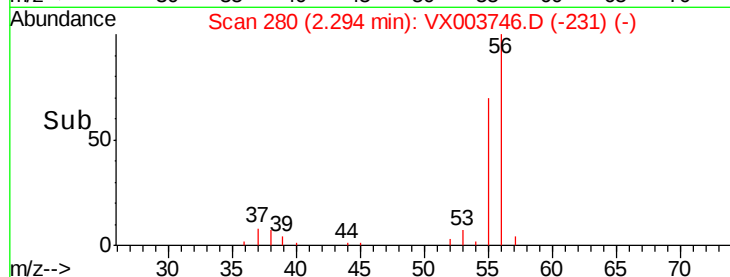
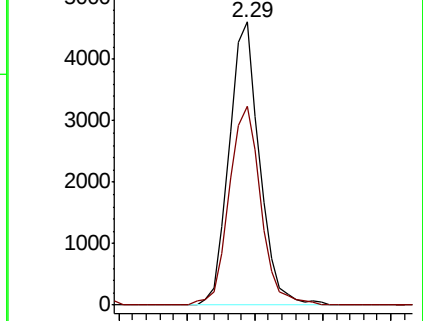
apatel

8/1/2018 5:39:38 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.45 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

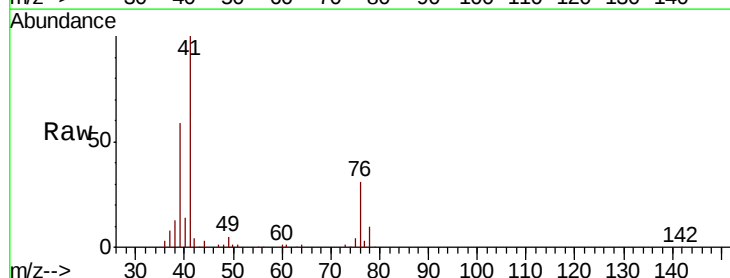
Tgt Ion: 41 Resp: 35223

Ion Ratio Lower Upper

41 100

39 62.9 47.7 71.5

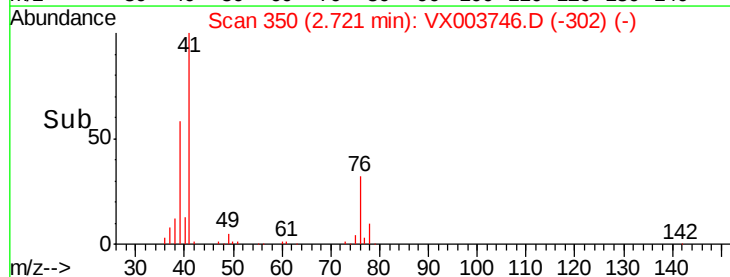
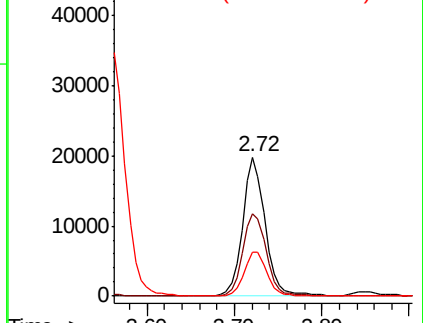
76 31.8 27.0 40.6

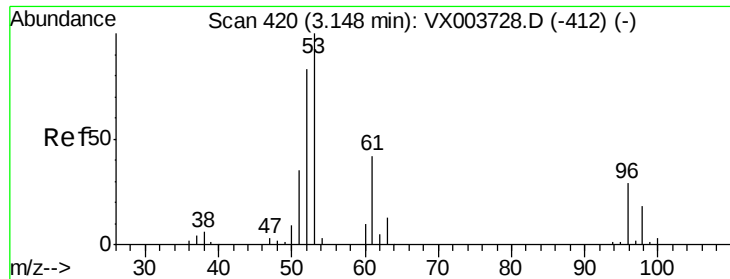


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.84 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

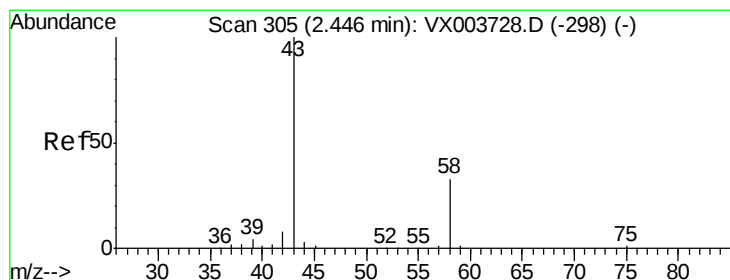
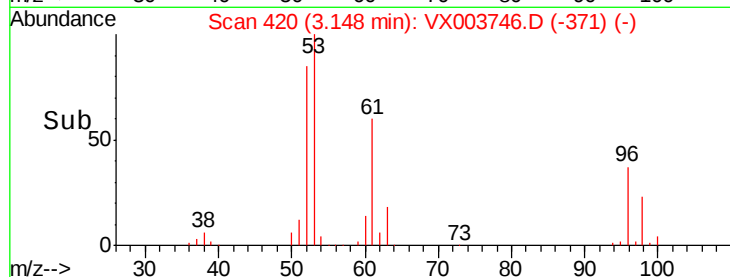
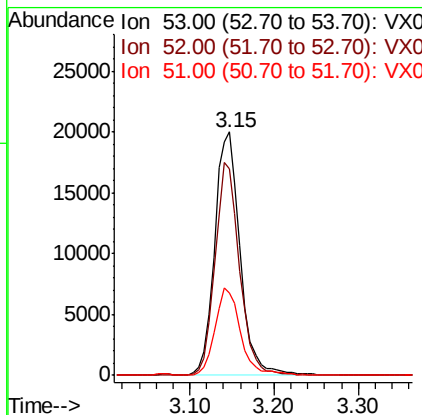
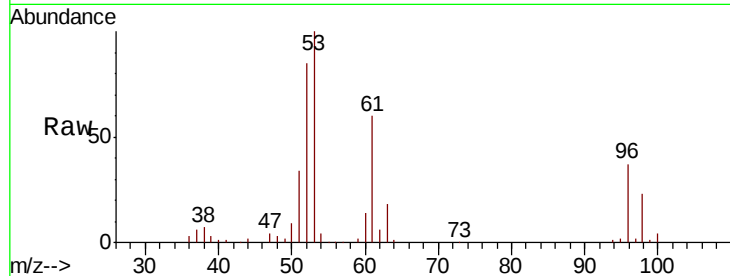
ClientSampled :

VX0731SBS01

Tot Ion:	53	Resp:	41793
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.2	99.2
51	36.2	28.5	42.7

Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM



#16

Acetone

Concen: 102.32 ug/l

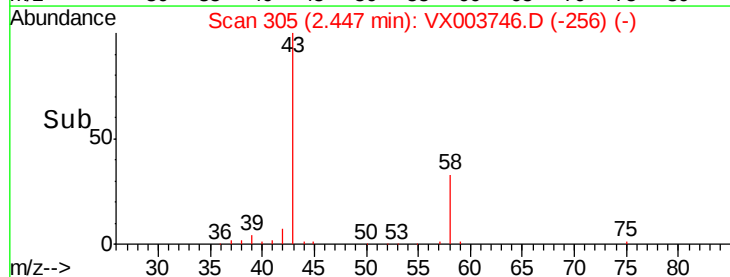
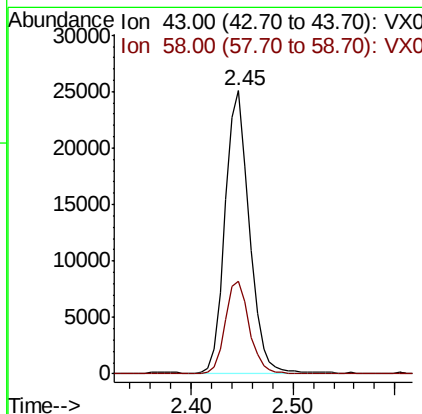
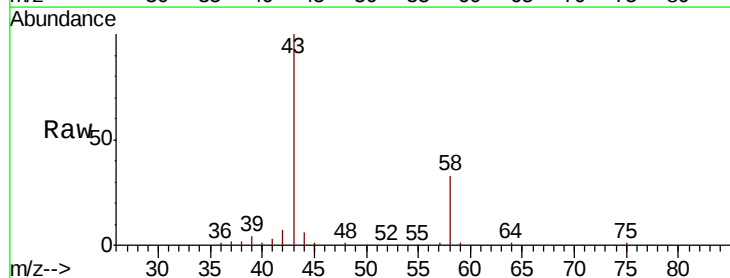
RT: 2.45 min Scan# 305

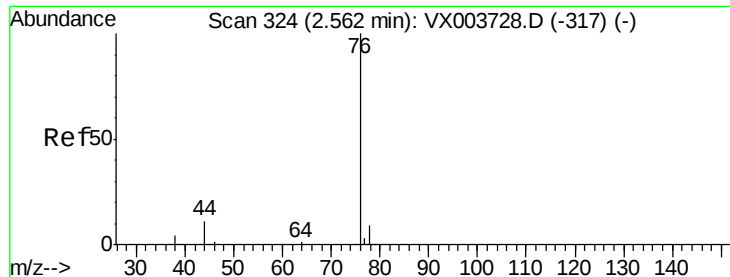
Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Tgt Ion:	43	Resp:	40963
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.7	40.1





#17

Carbon Disulfide

Concen: 19.15 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS01

Tot Ion: 76 Resp: 57700

Ion Ratio Lower Upper

76 100

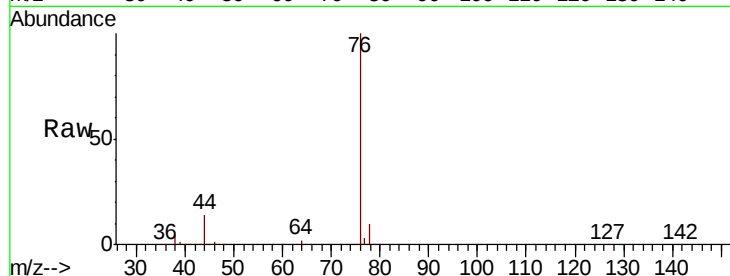
78 9.7 7.3 10.9

Manual Integrations

APPROVED

apatel

8/1/2018 5:39:38 PM

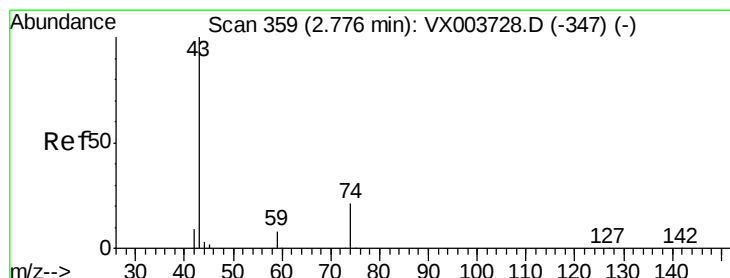
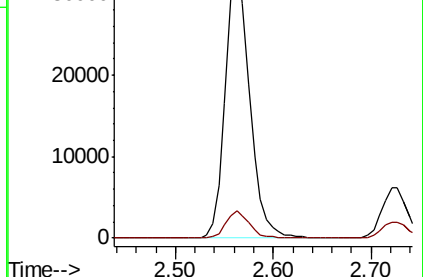
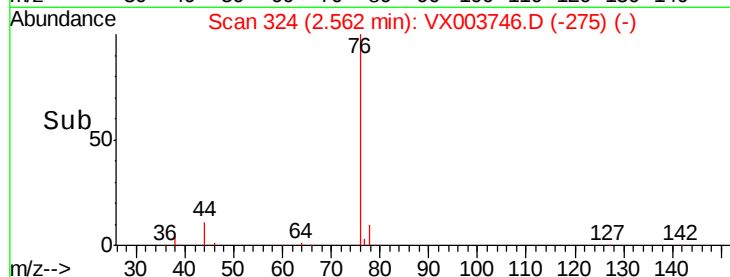


Abundance Ion 75.90 (75.60 to 76.60): VX003728.D (-317) (-)

Ion 77.90 (77.60 to 78.60): VX003728.D (-317) (-)

2.56

Time-->



#18

Methyl Acetate

Concen: 19.50 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.00 min

Lab File: VX003746.D

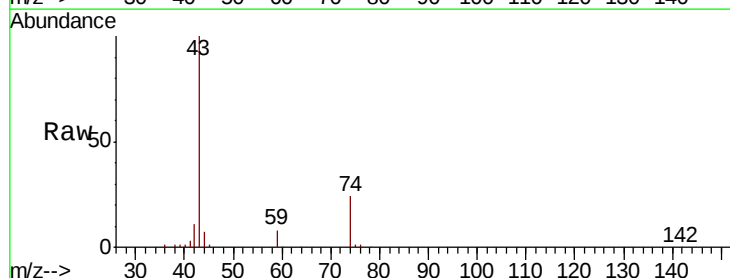
Acq: 31 Jul 2018 13:38

Tgt Ion: 43 Resp: 21942

Ion Ratio Lower Upper

43 100

74 23.7 18.9 28.3

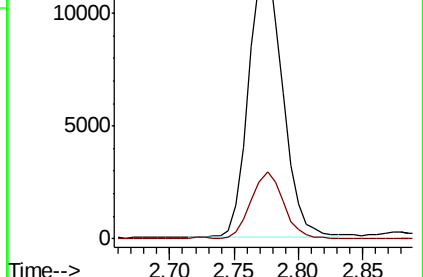
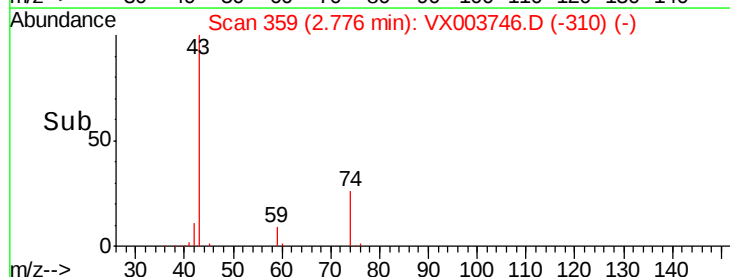


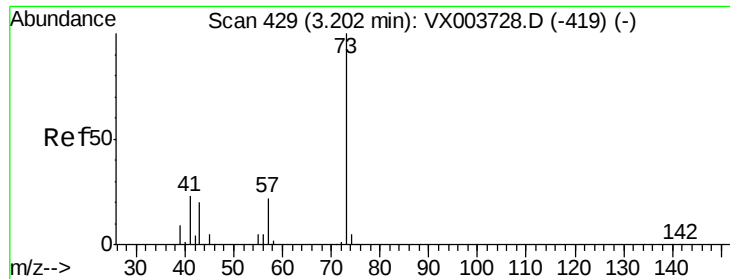
Abundance Ion 43.00 (42.70 to 43.70): VX003728.D (-347) (-)

Ion 74.00 (73.70 to 74.70): VX003728.D (-347) (-)

2.78

Time-->





#19

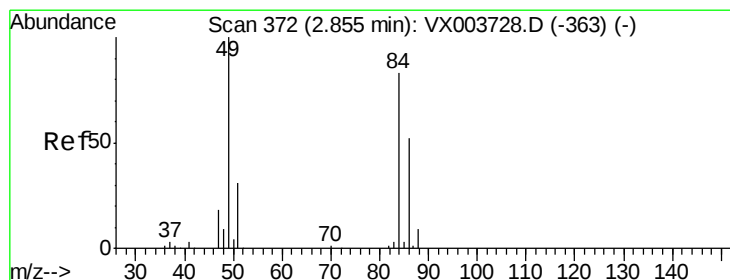
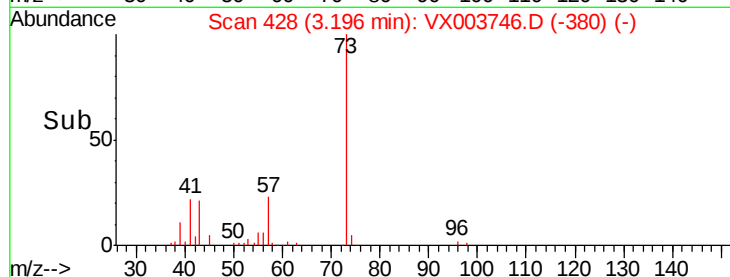
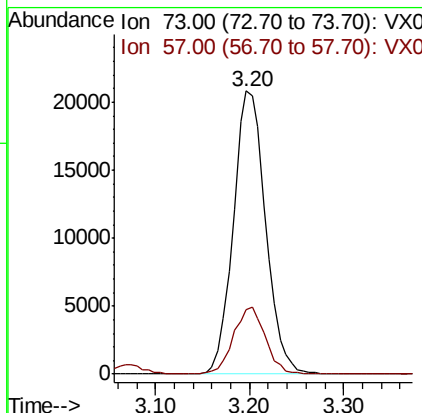
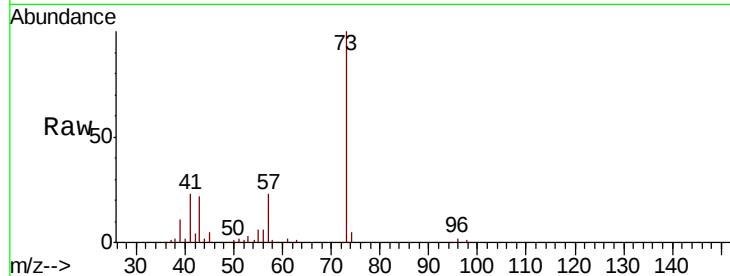
Methyl tert-butyl Ether
 Concen: 19.70 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS01

Tot Ion	73	Resp	49662
Ion Ratio	Lower	Upper	
73	100		
57	22.6	18.0	27.0

Manual Integrations
 APPROVED

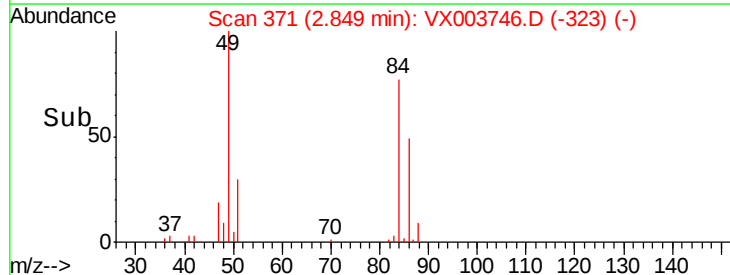
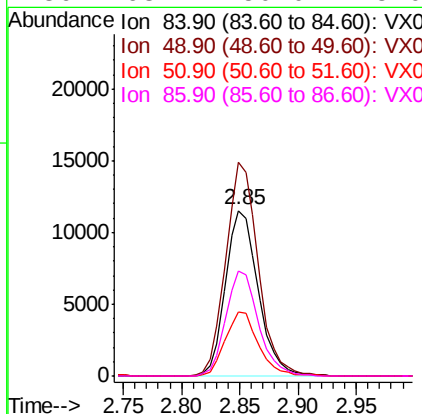
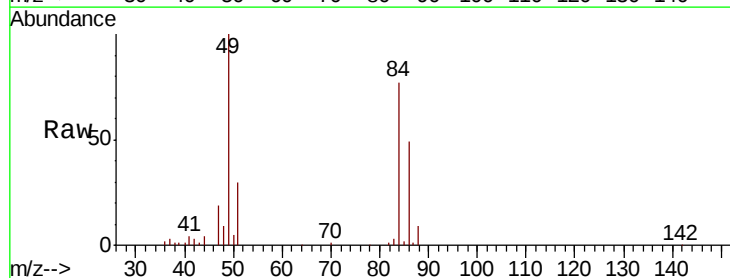
apatel
 8/1/2018 5:39:38 PM

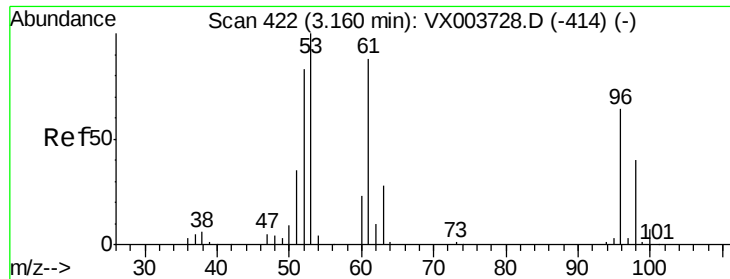


#20

Methylene Chloride
 Concen: 19.41 ug/l
 RT: 2.85 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Tgt Ion	84	Resp	22514
Ion Ratio	Lower	Upper	
84	100		
49	129.3	95.8	143.8
51	38.7	29.6	44.4
86	63.4	50.0	75.0





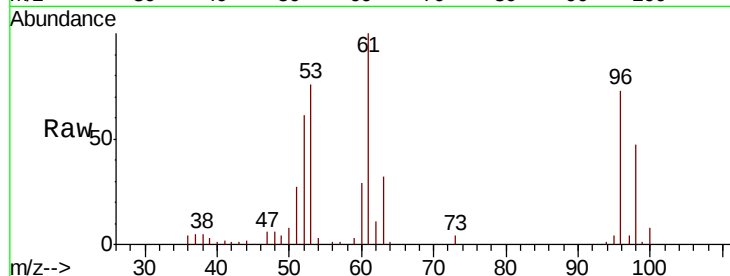
#21
trans-1,2-Dichloroethene
Concen: 19.49 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.2	110.9	166.3
98	64.6	50.2	75.4

Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM

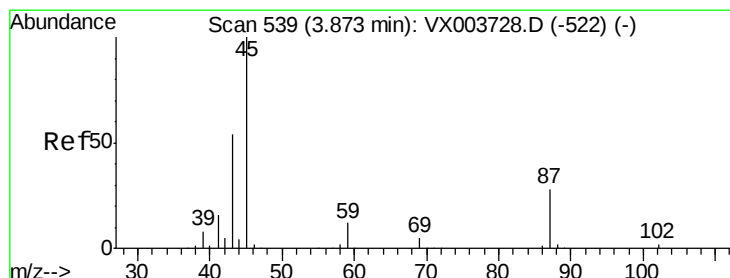
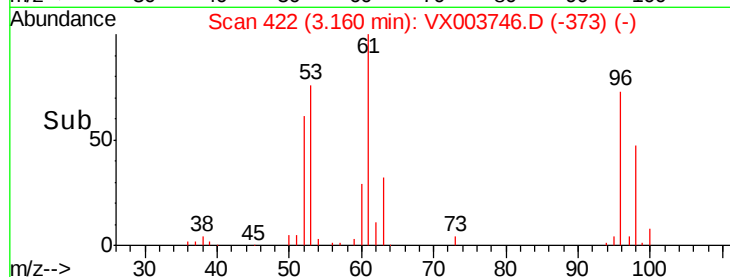
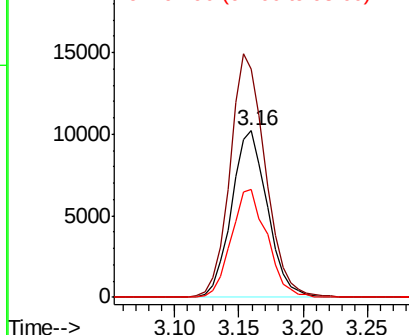


Abundance

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: 20.74 ug/l
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.8	43.5	65.3
87	26.1	22.6	33.8
59	11.9	9.3	13.9

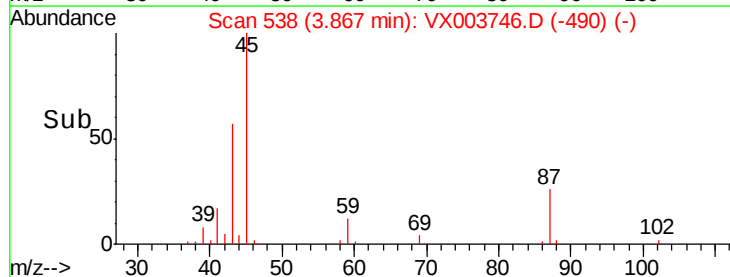
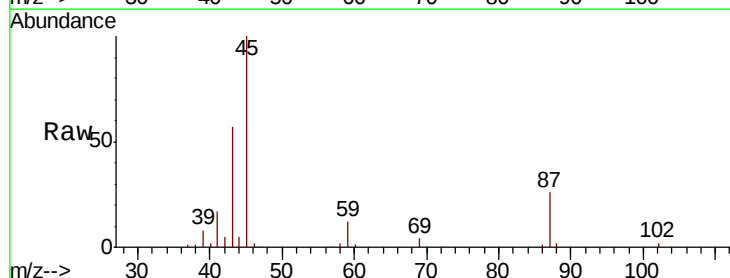
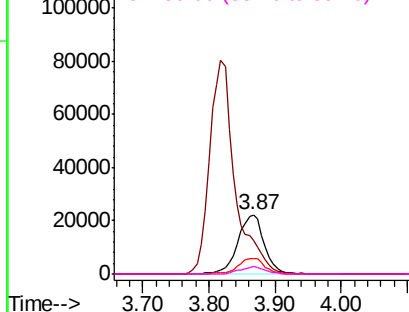
Abundance

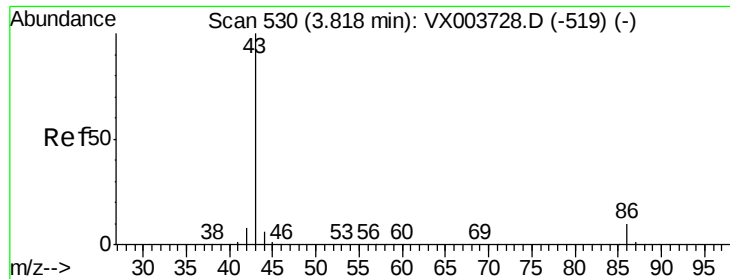
Ion 45.00 (44.70 to 45.70): VX0

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: 100.06 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS01

Tot Ion: 43 Resp: 213899

Ion Ratio Lower Upper

43 100

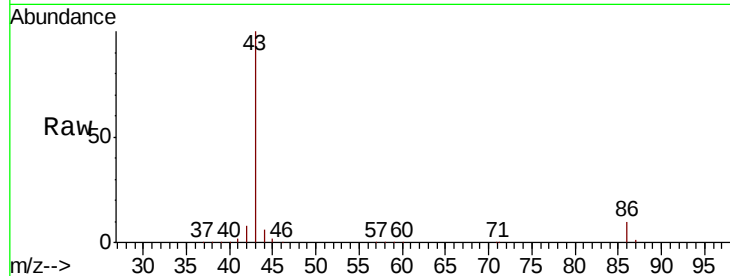
86 9.8 8.2 12.2

Manual Integrations

APPROVED

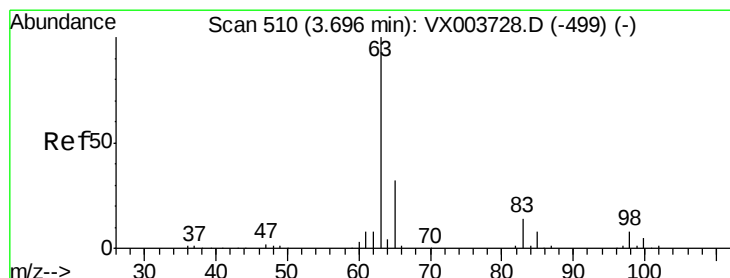
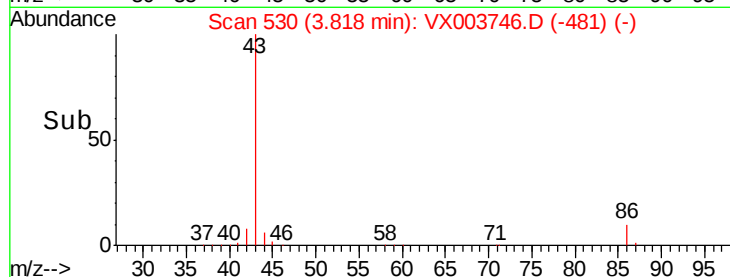
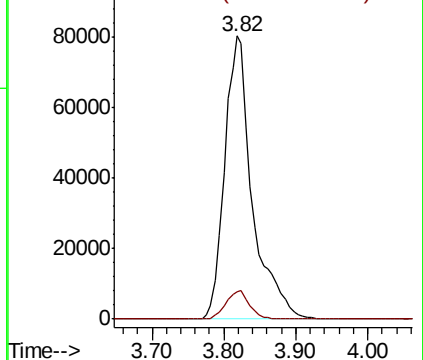
apatel

8/1/2018 5:39:38 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.87 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

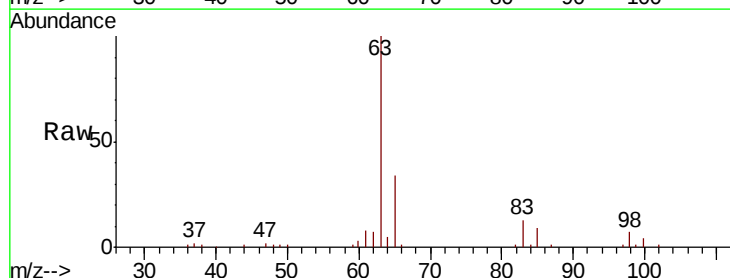
Tgt Ion: 63 Resp: 36076

Ion Ratio Lower Upper

63 100

98 6.7 4.0 12.0

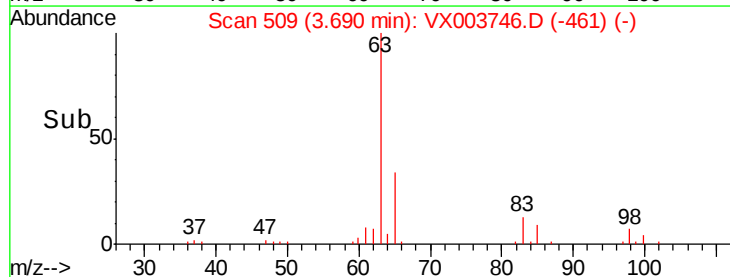
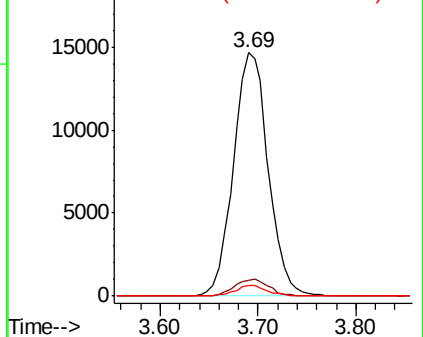
100 4.2 2.4 7.2

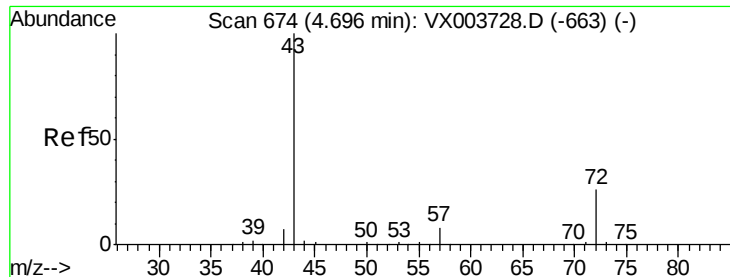


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.00 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS01

Tot Ion: 43 Resp: 56026

Ion Ratio Lower Upper

43 100

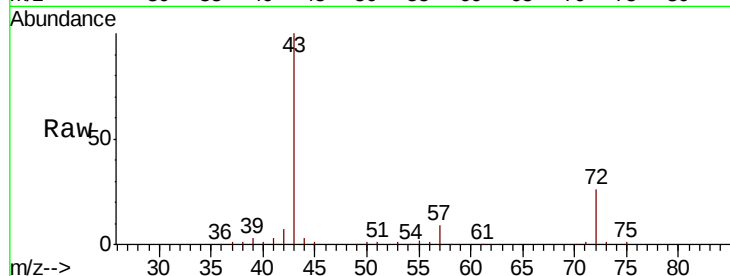
72 25.5 20.9 31.3

Manual Integrations

APPROVED

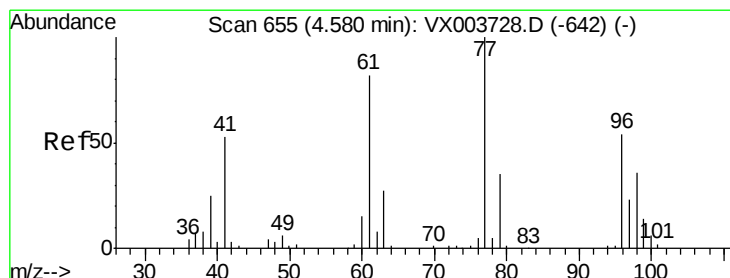
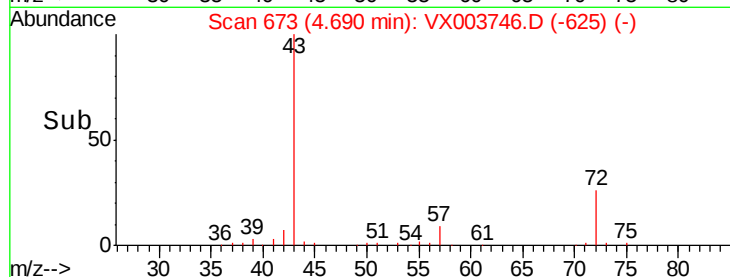
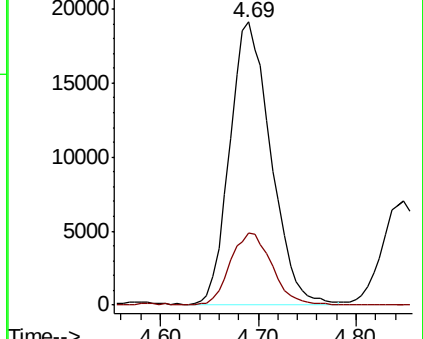
apatel

8/1/2018 5:39:38 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.16 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003746.D

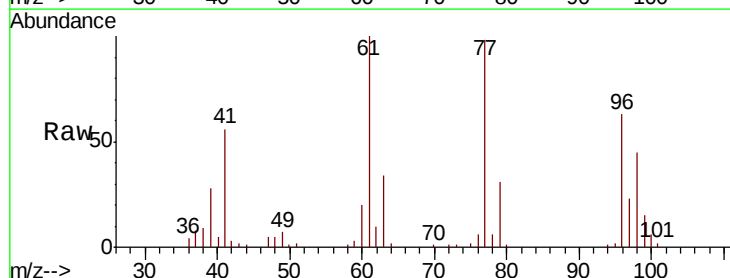
Acq: 31 Jul 2018 13:38

Tgt Ion: 77 Resp: 28809

Ion Ratio Lower Upper

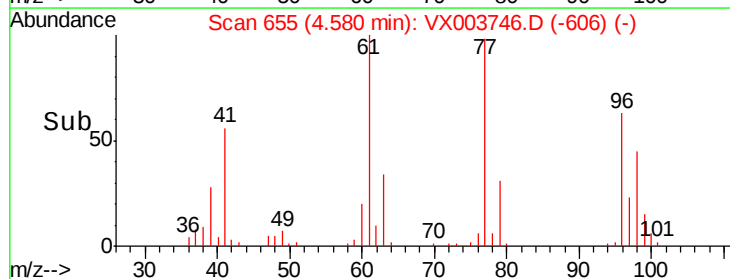
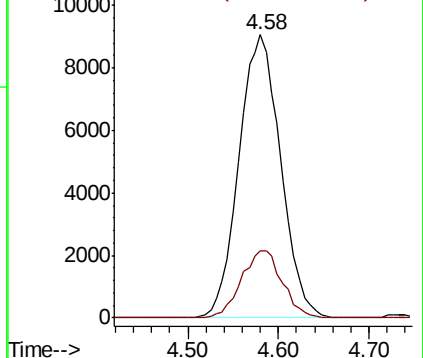
77 100

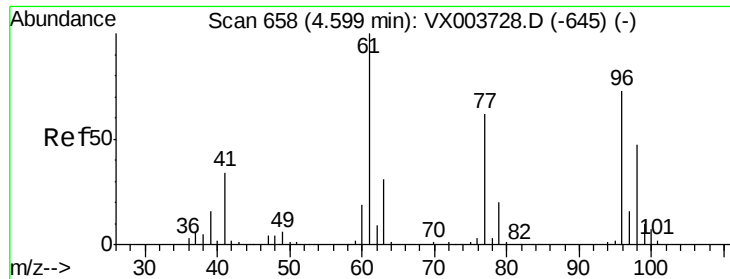
97 23.3 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 20.12 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

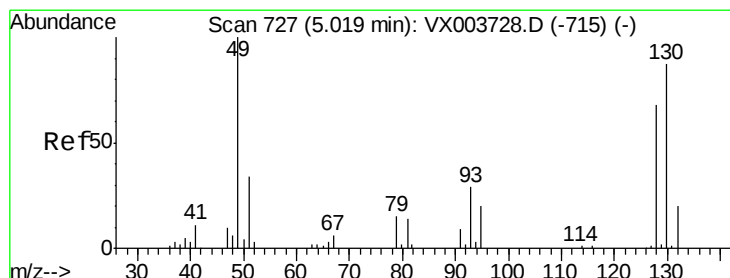
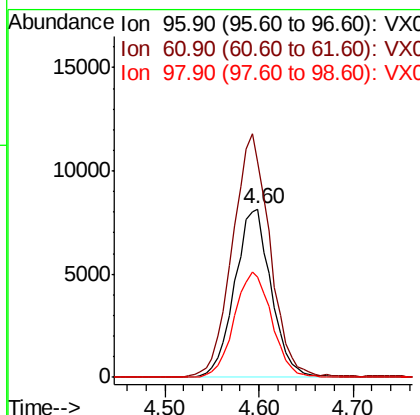
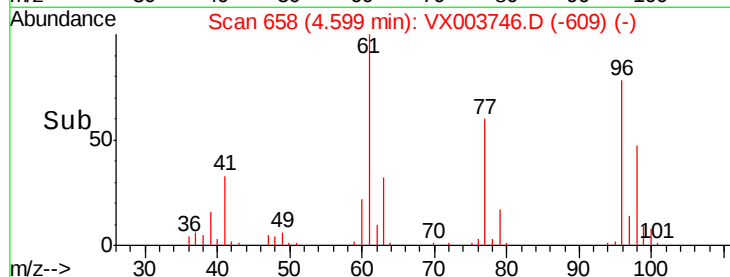
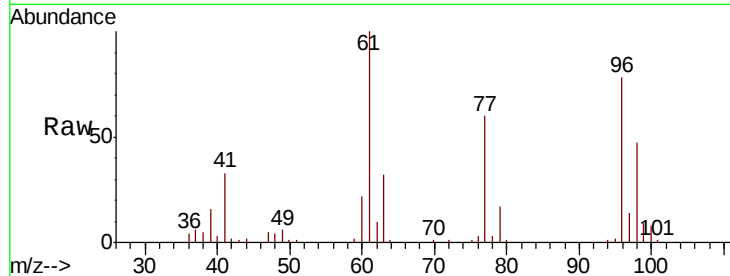
ClientSampleId :

VX0731SBS01

Tot Ion:	96	Resp:	22009
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	285.6
98	64.1	0.0	131.0

Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM



#28

Bromochloromethane

Concen: 20.75 ug/l

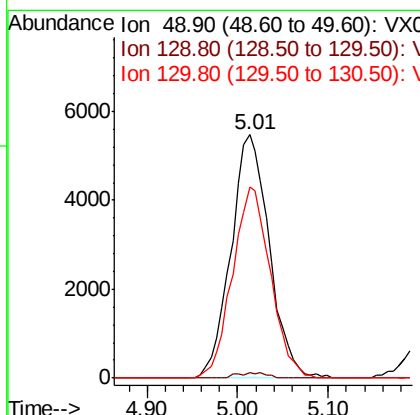
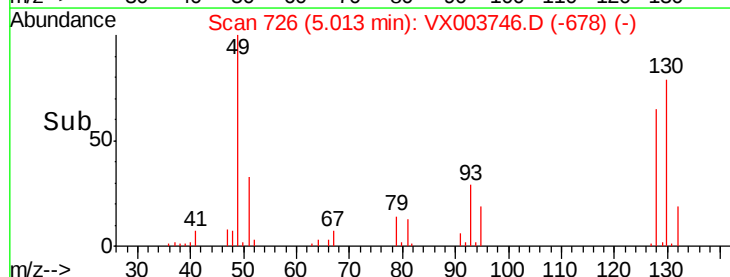
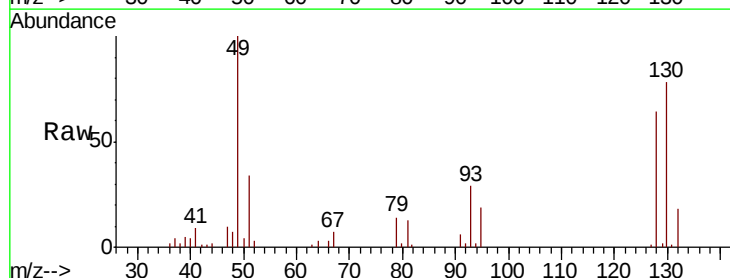
RT: 5.01 min Scan# 726

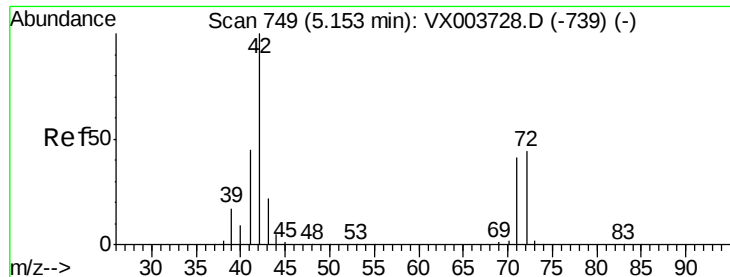
Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Tgt Ion:	49	Resp:	16089
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	77.6	68.9	103.3





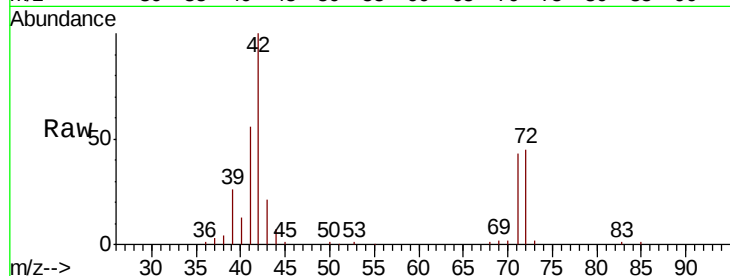
#29
Tetrahydrofuran
Concen: 90.65 ug/l
RT: 5.15 min Scan# 748
Delta R.T. -0.01 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampled :
VX0731SBS01

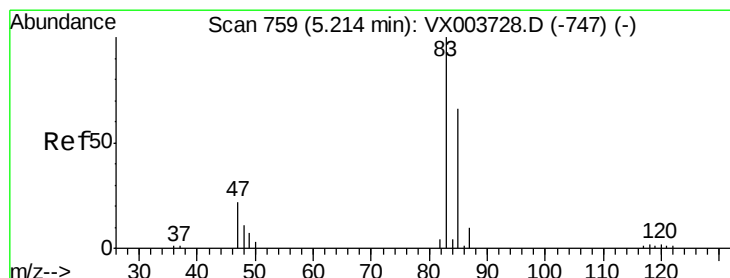
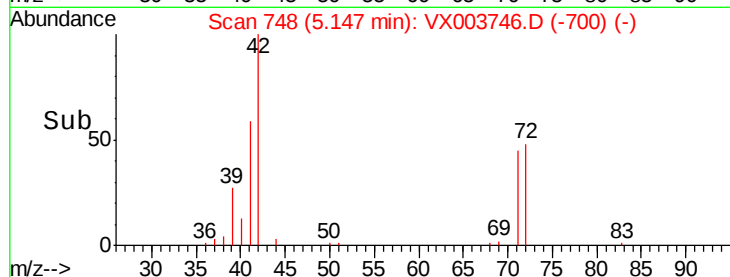
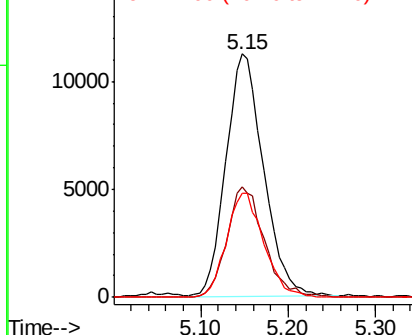
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.6	53.4
71	42.5	33.4	50.0

Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM

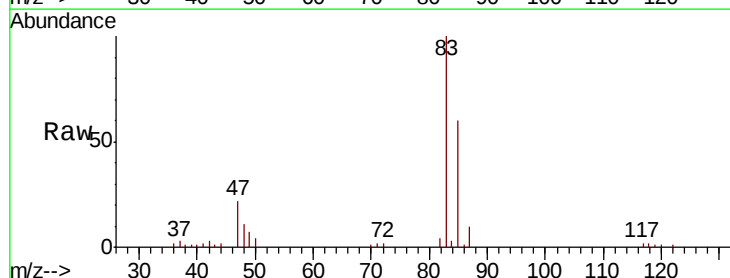


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

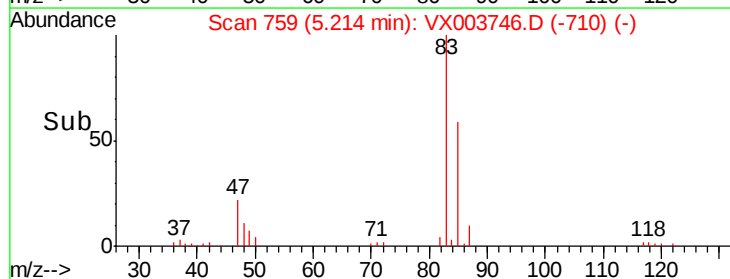
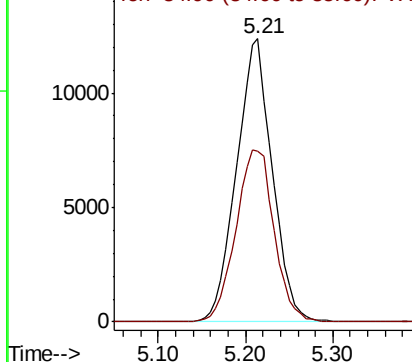


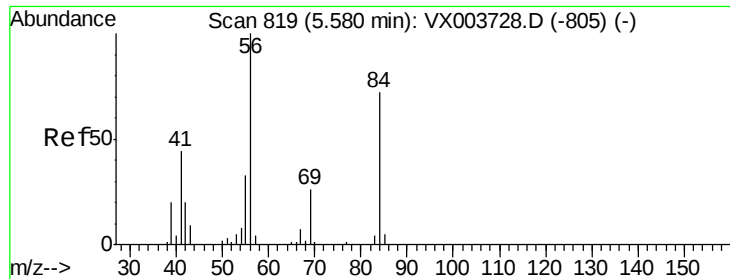
#30
Chloroform
Concen: 20.60 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	52.8	79.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





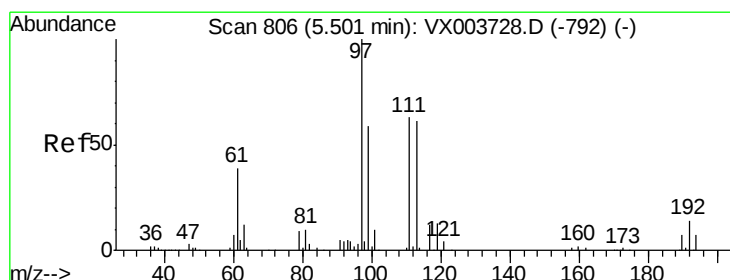
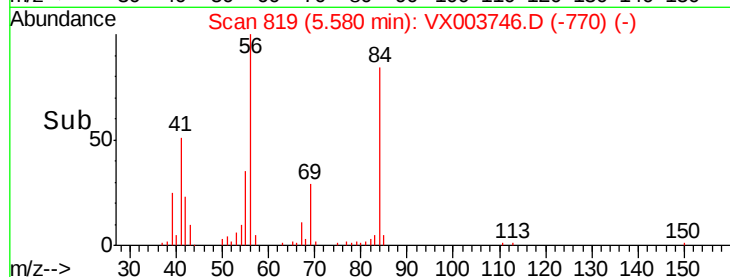
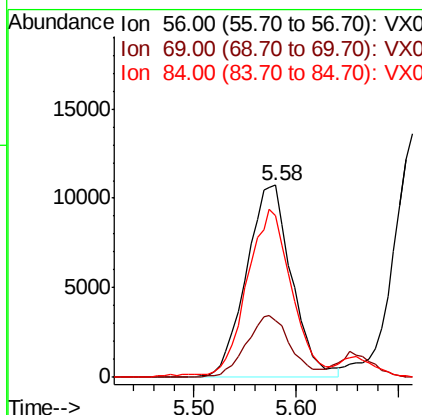
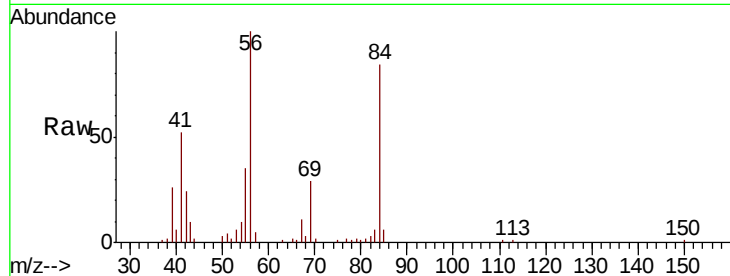
#31
Cyclohexane
Concen: 19.92 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampled :
VX0731SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	20.6	30.8
84	82.0	57.9	86.9

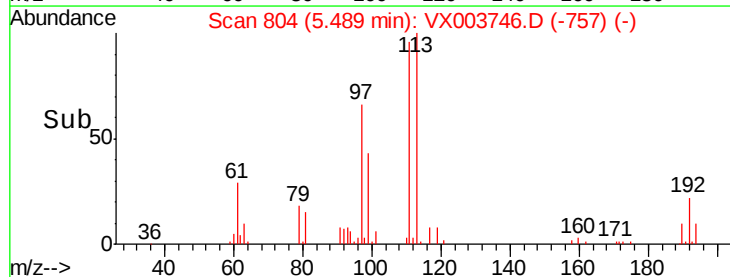
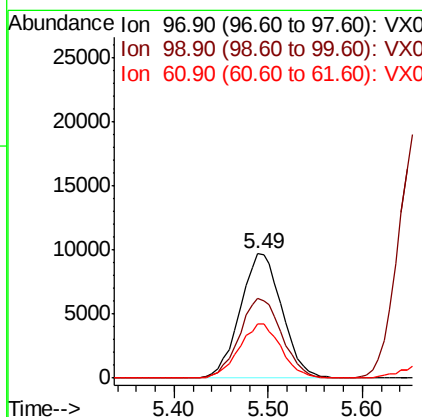
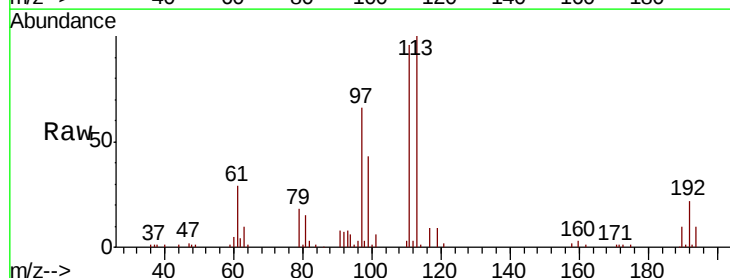
Manual Integrations
APPROVED

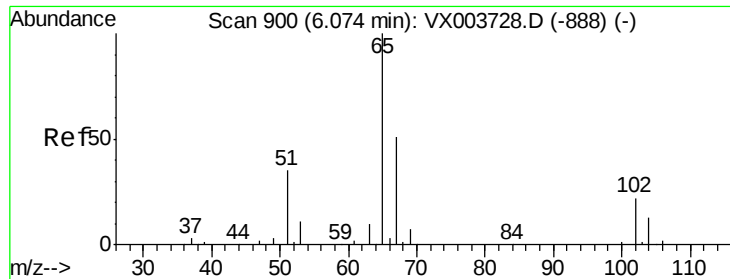
apatel
8/1/2018 5:39:38 PM



#32
1,1,1-Trichloroethane
Concen: 20.61 ug/l
RT: 5.49 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	43.6	33.4	50.2





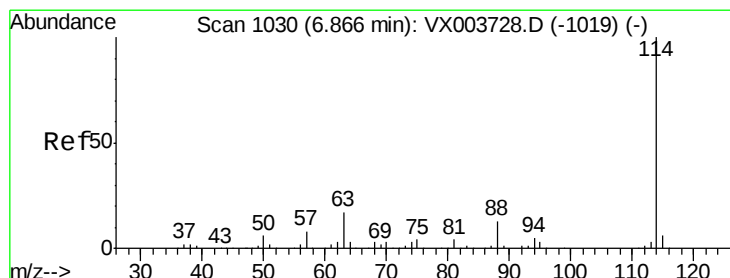
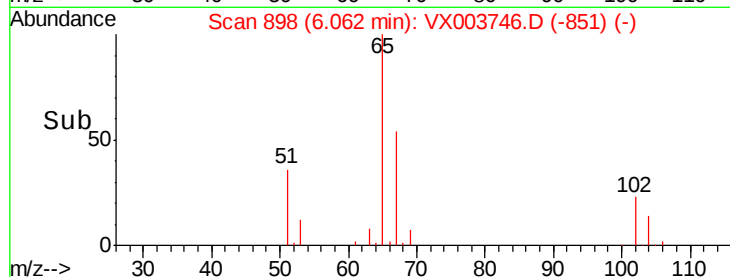
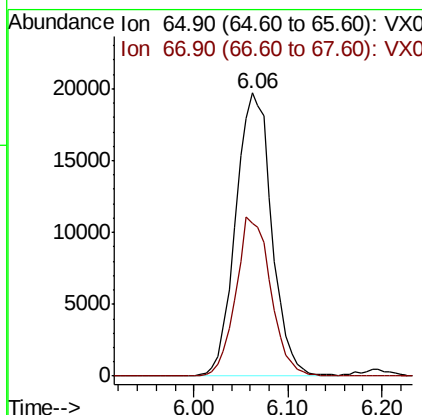
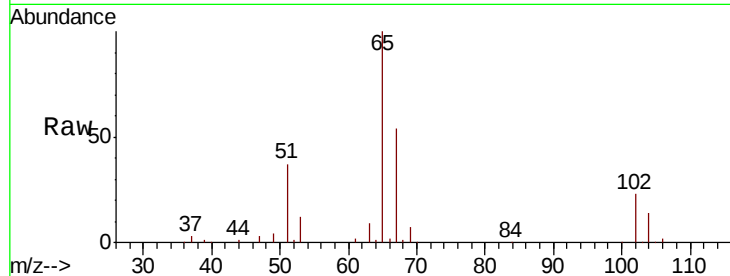
#33
 1,2-Dichloroethane-d4
 Concen: 50.25 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.0

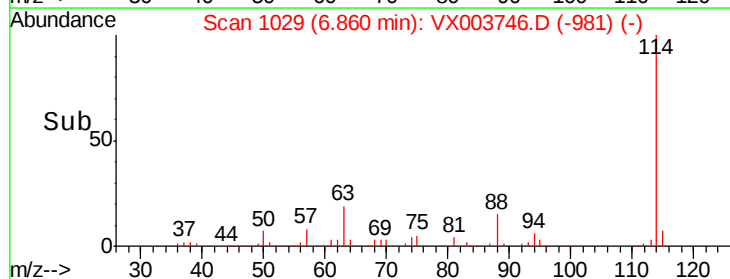
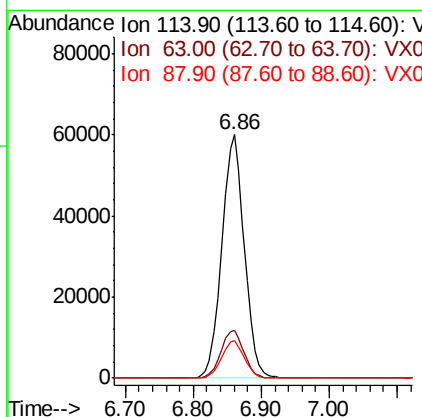
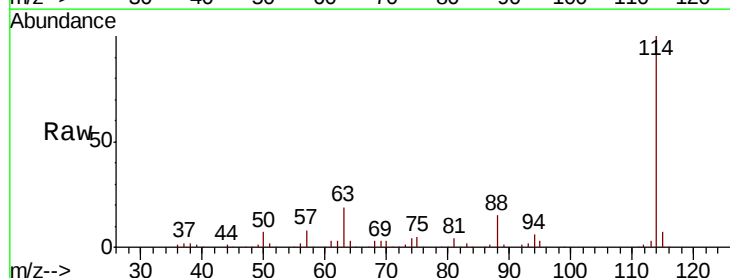
Manual Integrations
 APPROVED

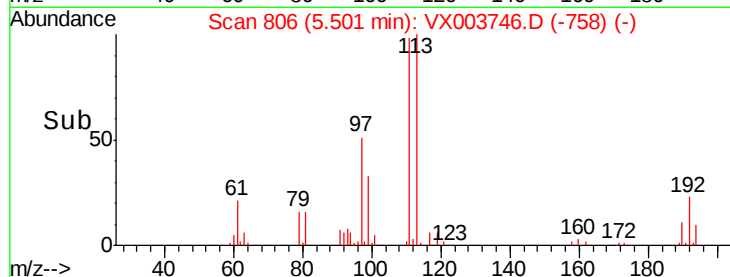
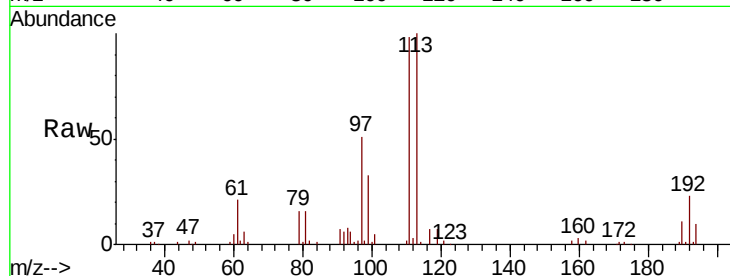
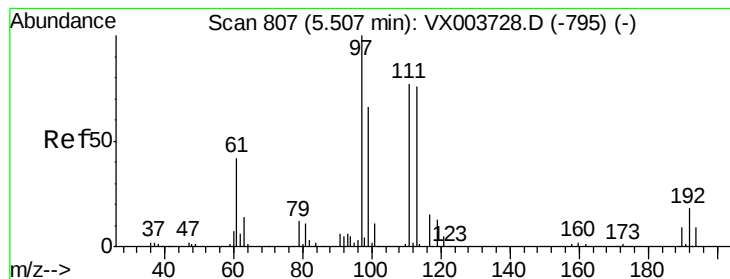
apatel
 8/1/2018 5:39:38 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	34.0
88	15.4	0.0	26.4





#35

Dibromofluoromethane

Concen: 57.66 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003746.D

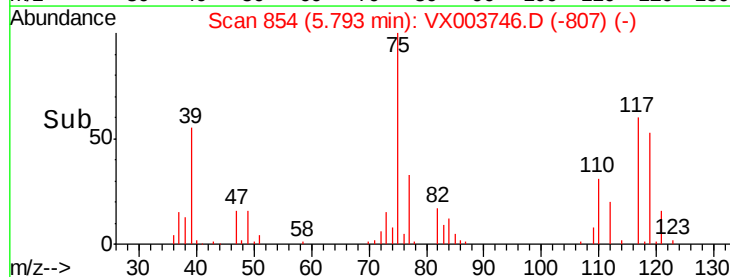
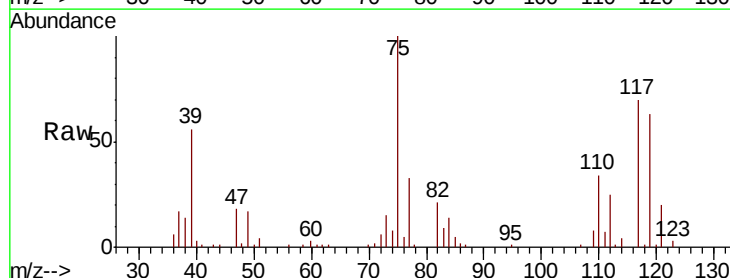
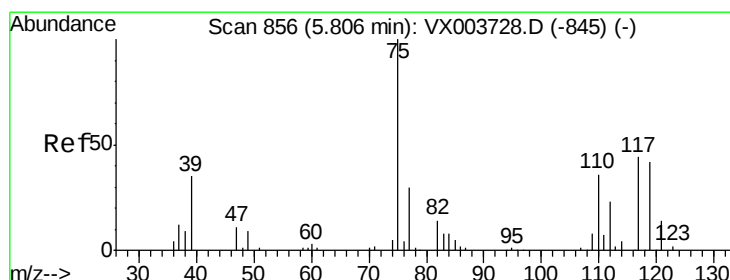
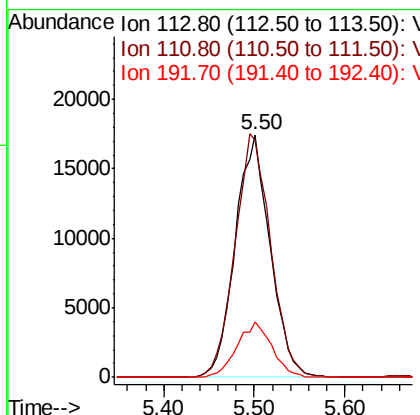
Acq: 31 Jul 2018 13:38

Tot Ion:	113	Resp:	46634
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	22.8	18.8	28.2

Instrument :
MSVOA_X
ClientSampled :
VX0731SBS01

Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM



#36

1,1-Dichloropropene

Concen: 21.94 ug/l

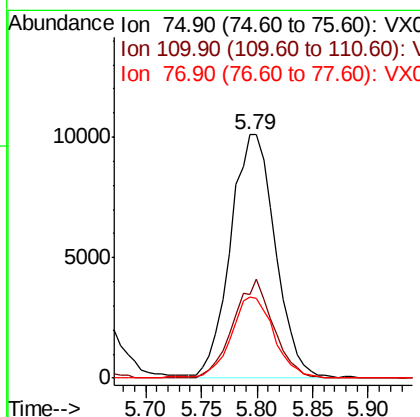
RT: 5.79 min Scan# 854

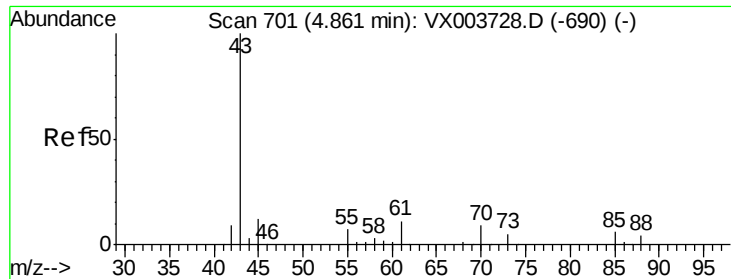
Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Tgt Ion:	75	Resp:	28223
Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.3	54.8
77	32.2	25.1	37.7





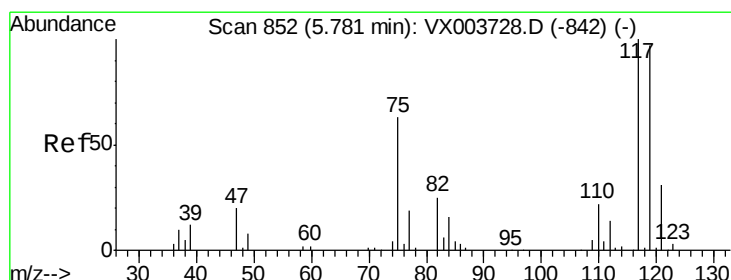
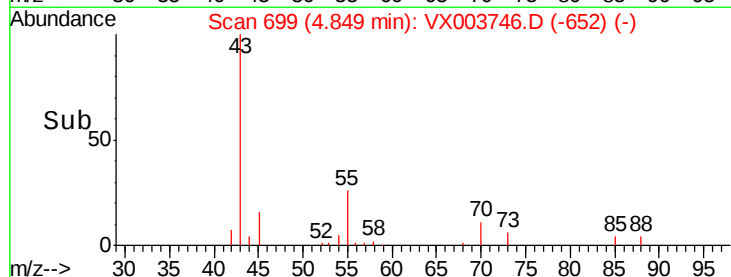
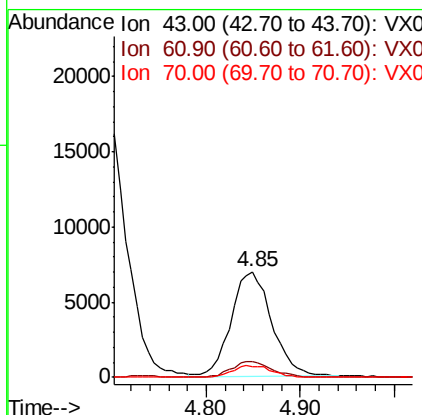
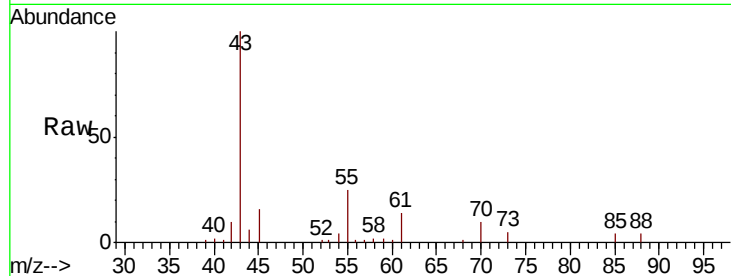
#37
Ethyl Acetate
Concen: 21.24 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.01 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampled :
VX0731SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.4	17.0
70	10.7	8.2	12.2

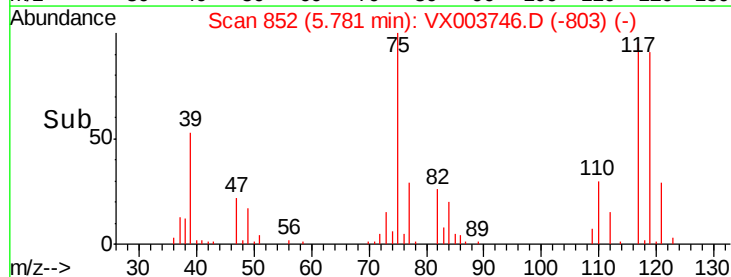
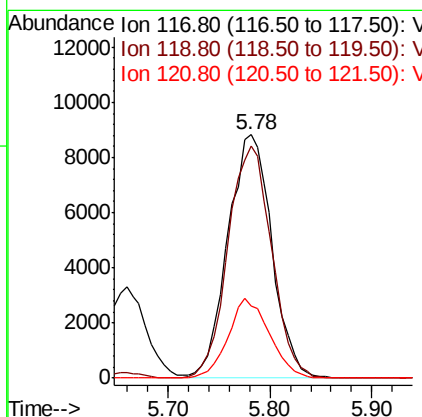
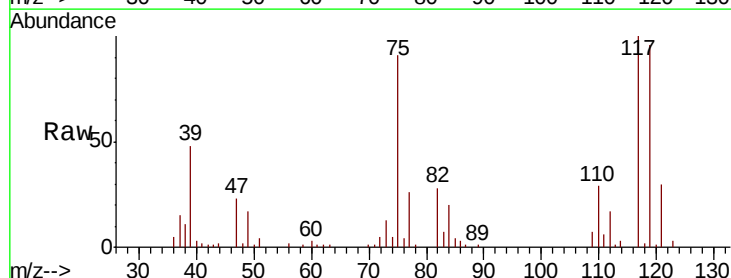
Manual Integrations
APPROVED

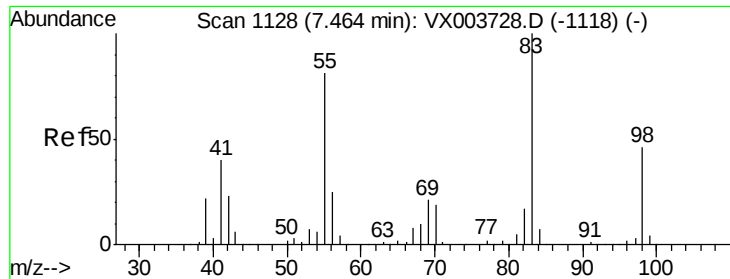
apatel
8/1/2018 5:39:38 PM



#38
Carbon Tetrachloride
Concen: 22.16 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.2	115.8
121	29.9	25.0	37.4





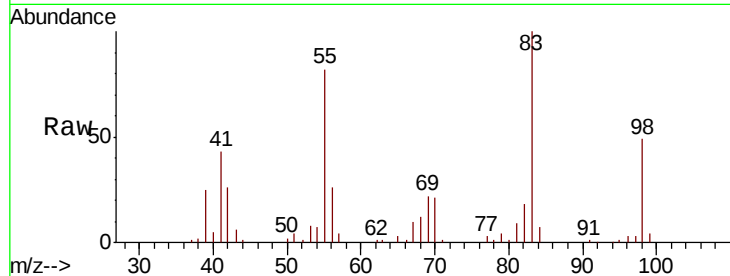
#39
Methvlcvclohexane
Concen: 19.59 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampled :
VX0731SBS01

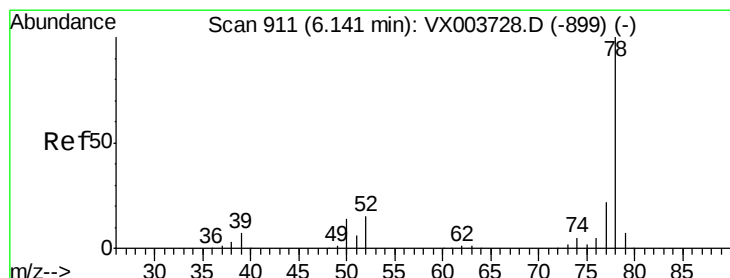
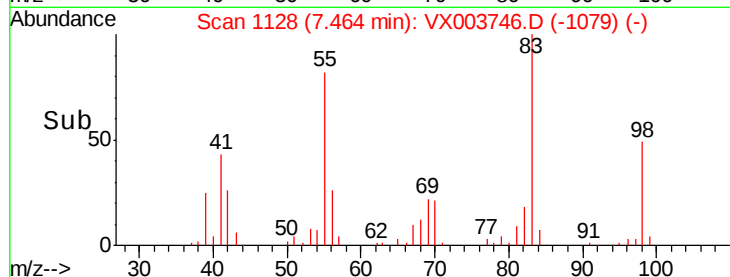
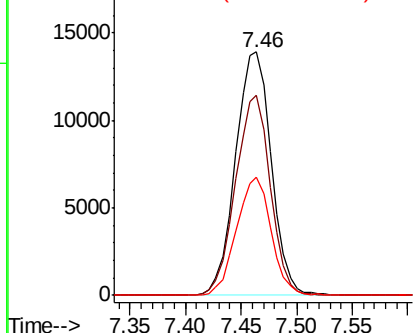
Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	65.0	97.6
98	48.8	37.1	55.7

Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM

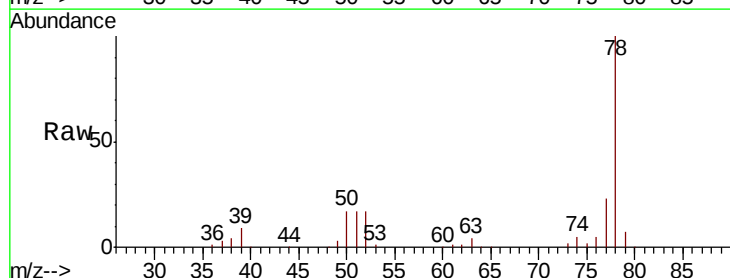


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

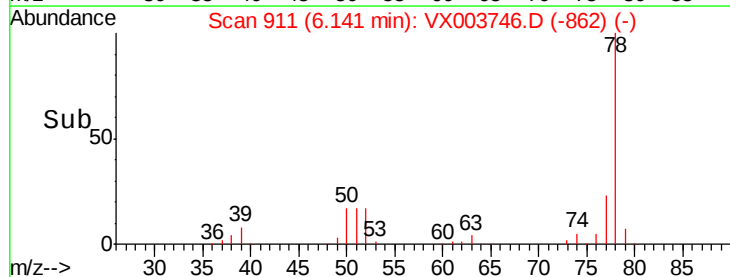
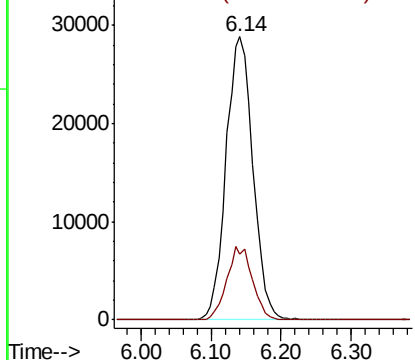


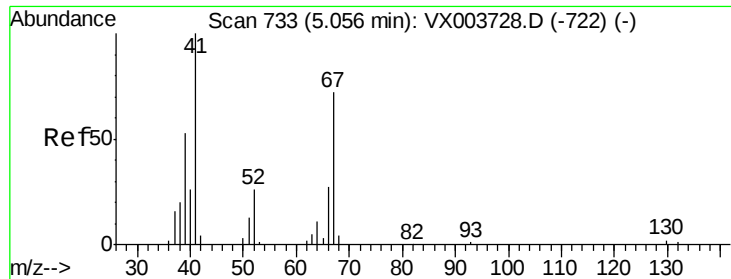
#40
Benzene
Concen: 20.86 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	17.9	26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 22.18 ug/l

RT: 5.05 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

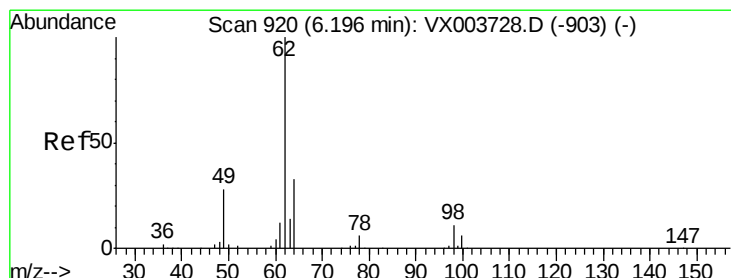
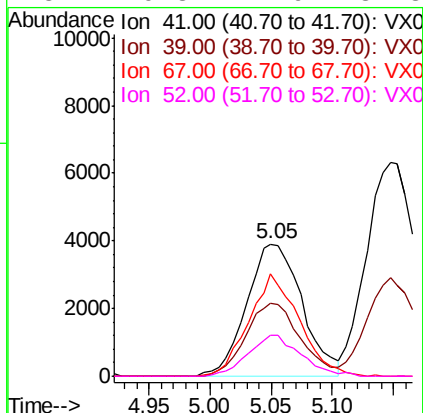
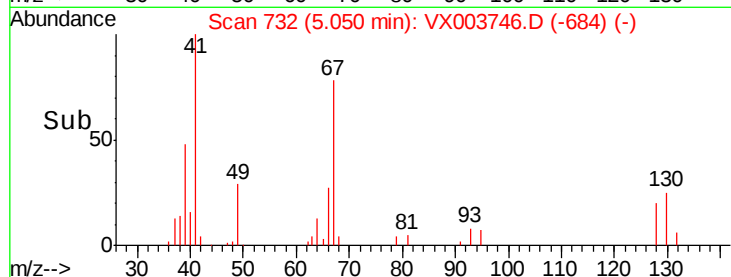
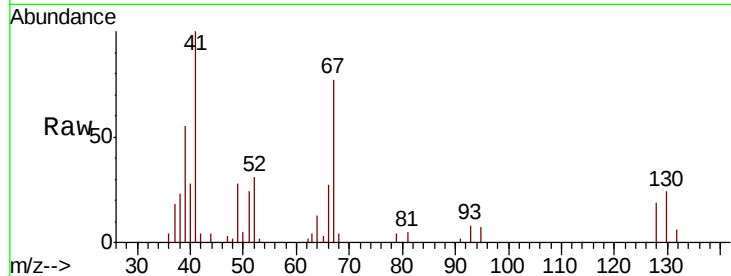
ClientSampleId :

VX0731SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.6	64.0
67	70.4	58.9	88.3
52	29.3	22.9	34.3

Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM



#42

1,2-Dichloroethane

Concen: 21.50 ug/l

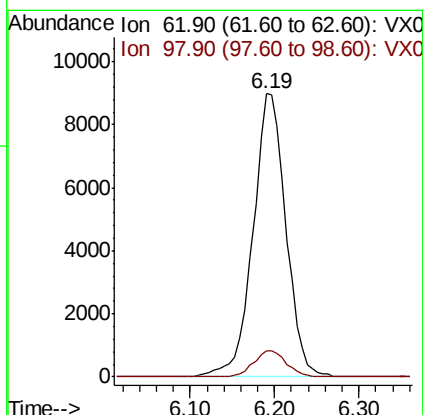
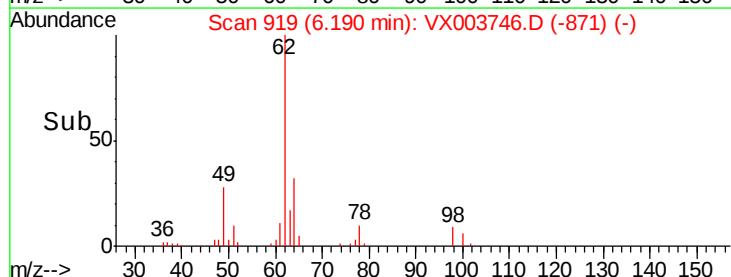
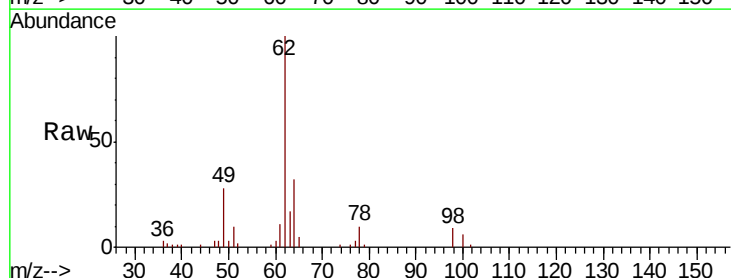
RT: 6.19 min Scan# 919

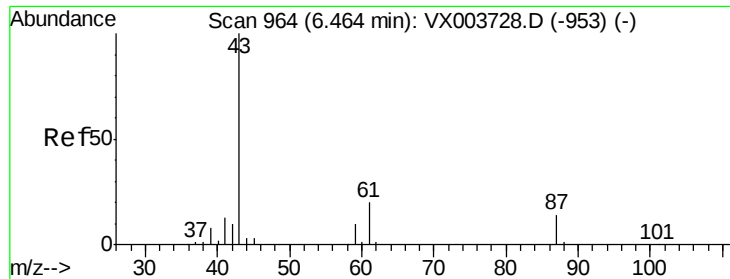
Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.4





#43

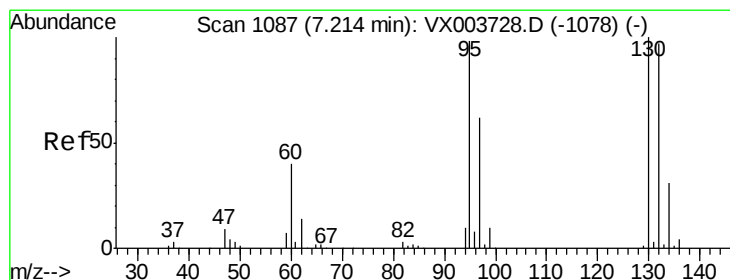
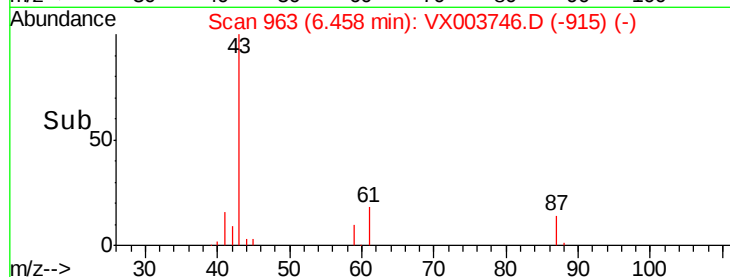
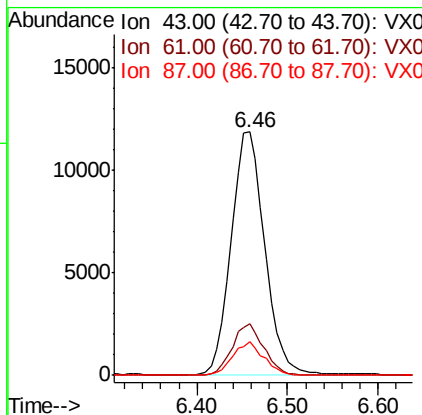
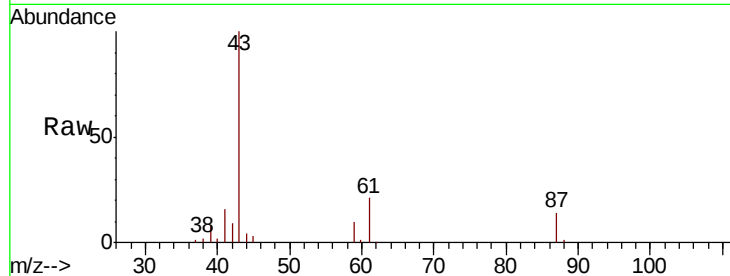
Isopropyl Acetate
 Concen: 19.51 ug/l
 RT: 6.46 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.5	24.7
87	12.7	10.7	16.1

Manual Integrations
 APPROVED

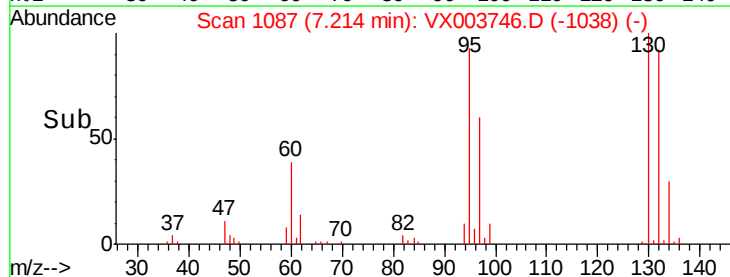
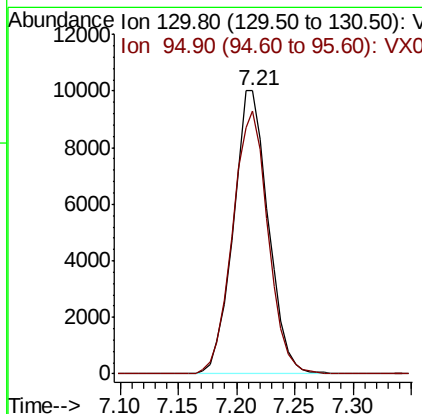
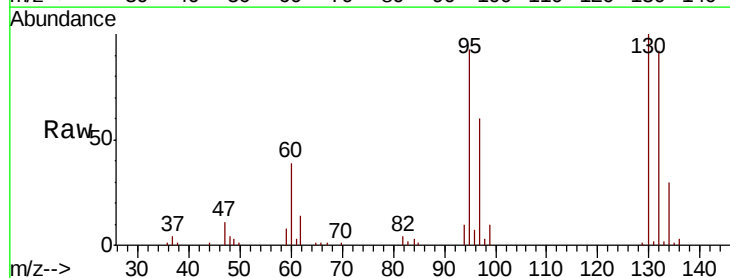
apatel
 8/1/2018 5:39:38 PM

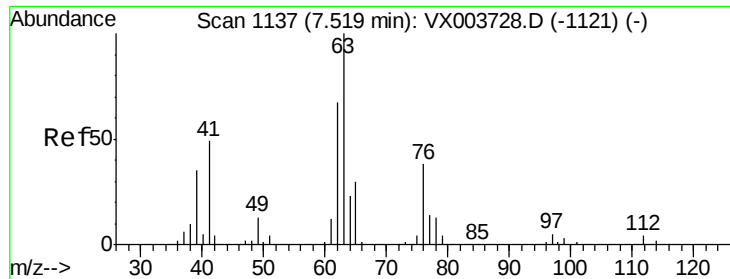


#44

Trichloroethene
 Concen: 19.90 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	196.2





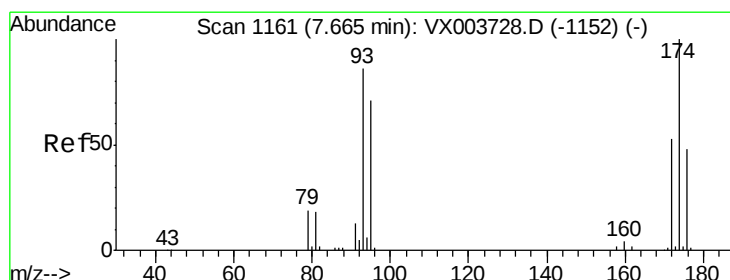
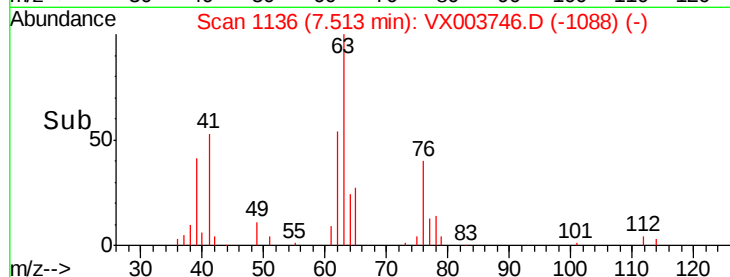
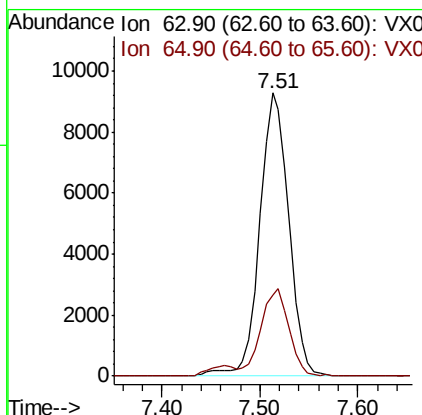
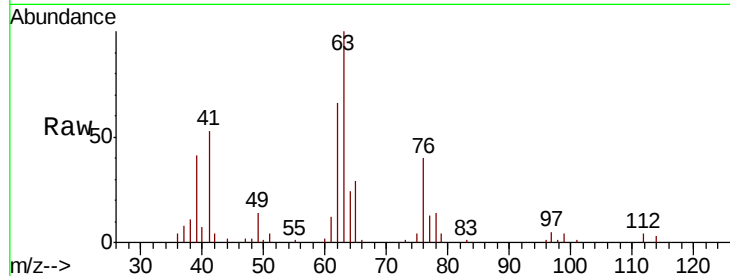
#45
 1,2-Dichloropropane
 Concen: 21.08 ug/l
 RT: 7.51 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Instrument :
 MSVOA_X
 ClientSampled :
 VX0731SBS01

Tot Ion: 63 Resp: 19106
 Ion Ratio Lower Upper
 63 100
 65 28.6 23.7 35.5

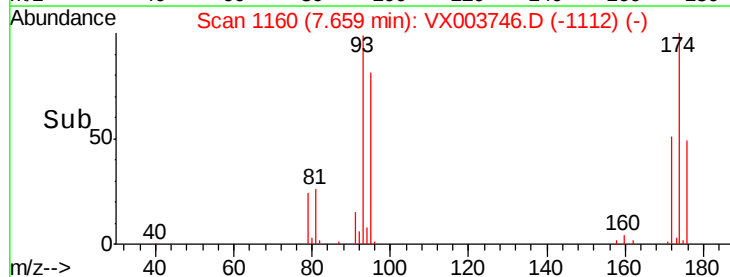
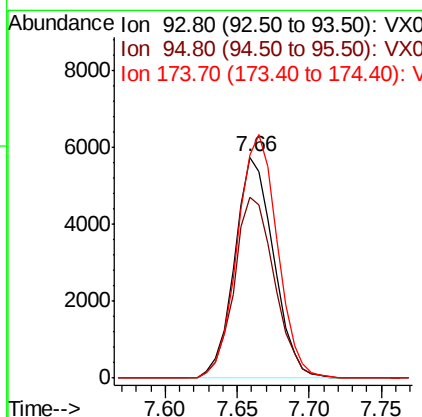
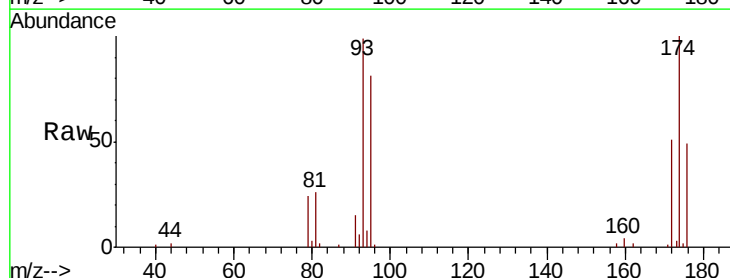
Manual Integrations
 APPROVED

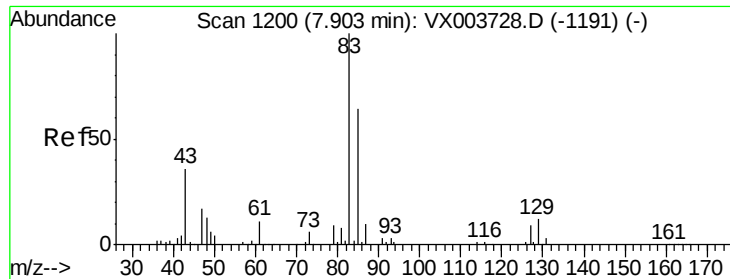
apatel
 8/1/2018 5:39:38 PM



#46
 Dibromomethane
 Concen: 20.72 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Tgt Ion: 93 Resp: 10822
 Ion Ratio Lower Upper
 93 100
 95 84.8 68.1 102.1
 174 113.0 96.2 144.4





#47

Bromodichloromethane

Concen: 20.81 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

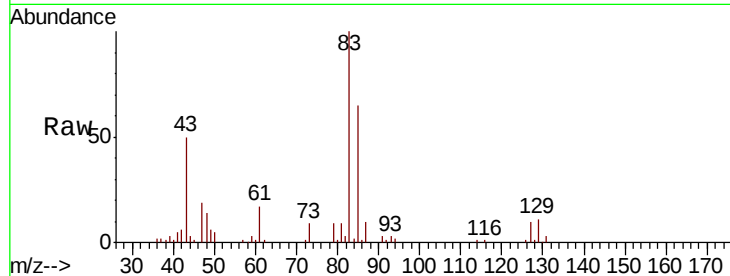
ClientSampleId :

VX0731SBS01

Tot Ion:	83	Resp:	21658
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.1	76.7
127	9.6	7.1	10.7

Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM

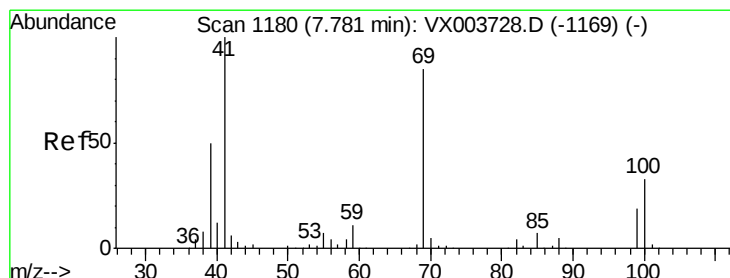
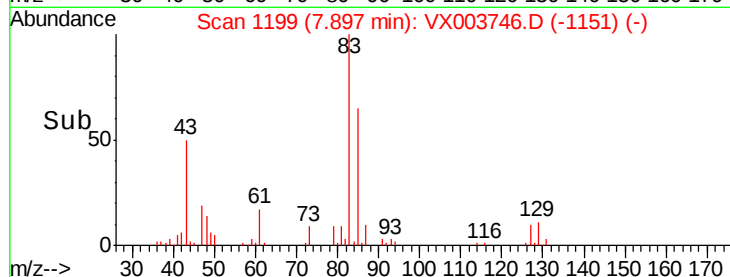
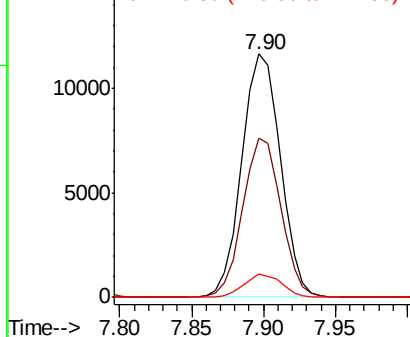


Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.04 ug/l

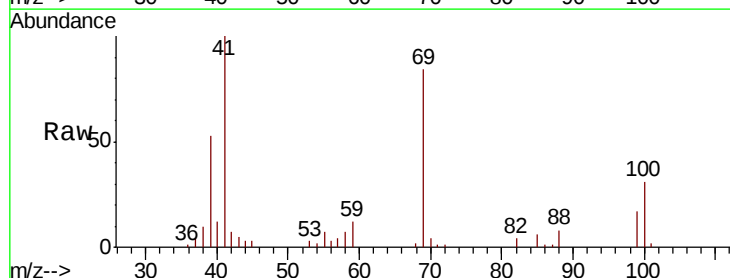
RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Tgt Ion:	41	Resp:	15823
Ion	Ratio	Lower	Upper
41	100		
69	82.1	68.7	103.1
39	53.9	40.8	61.2

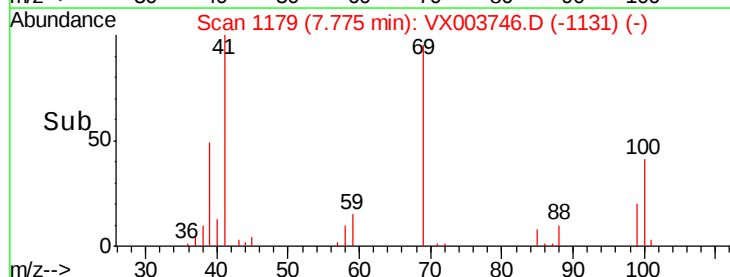
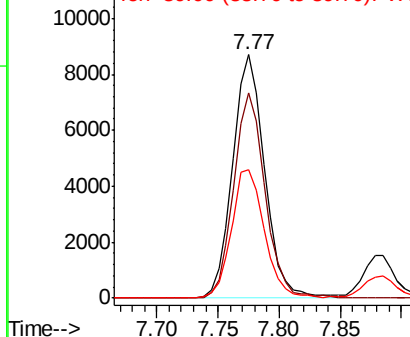


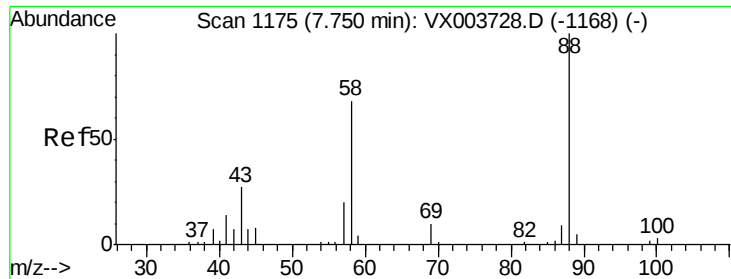
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





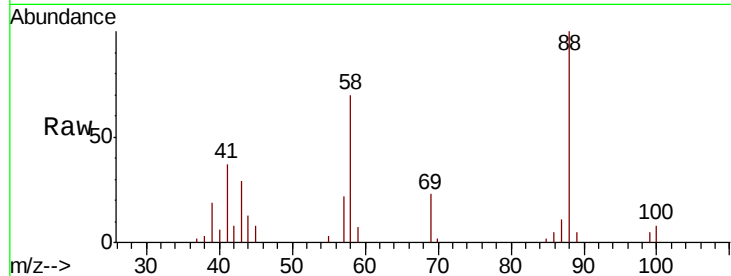
#49
1,4-Dioxane
Concen: 356.94 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS01

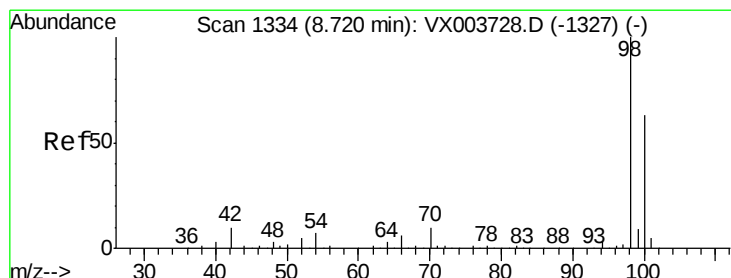
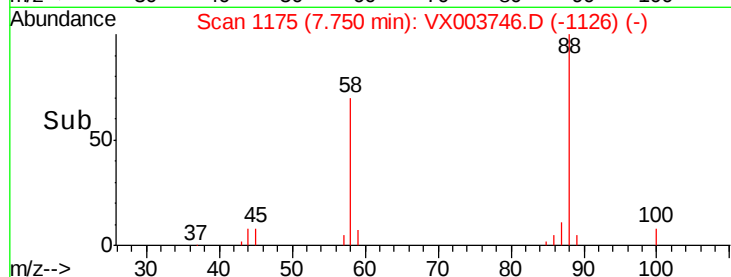
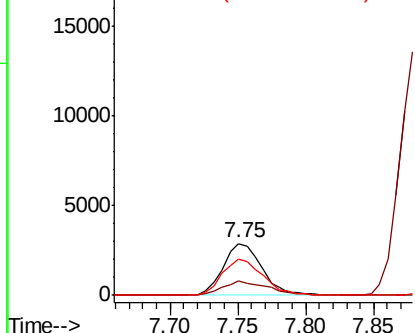
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	26.0	39.0
58	74.2	57.1	85.7

Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM

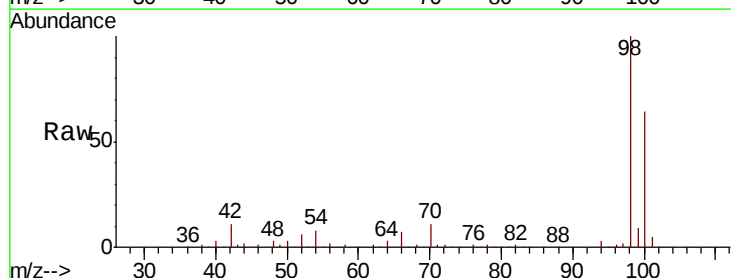


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

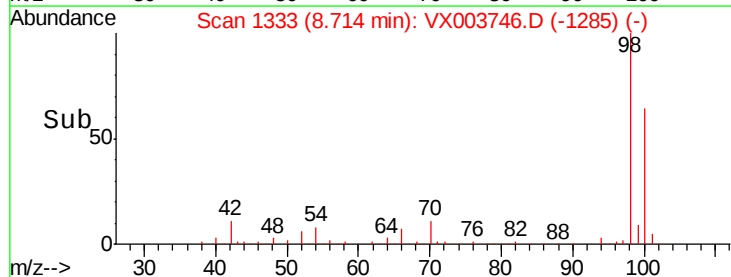
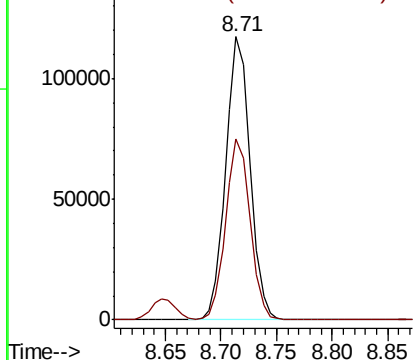


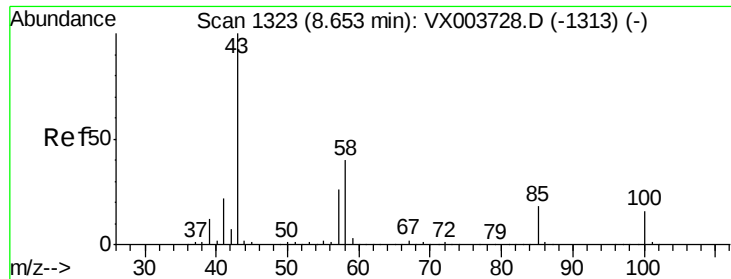
#50
Toluene-d8
Concen: 52.77 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 97.77 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS01

Tot Ion: 43 Resp: 94591

Ion Ratio Lower Upper

43 100

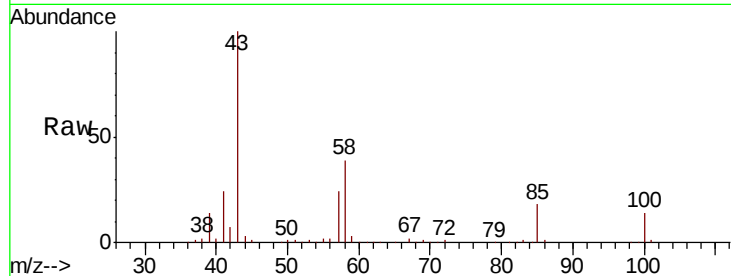
58 38.8 32.1 48.1

Manual Integrations

APPROVED

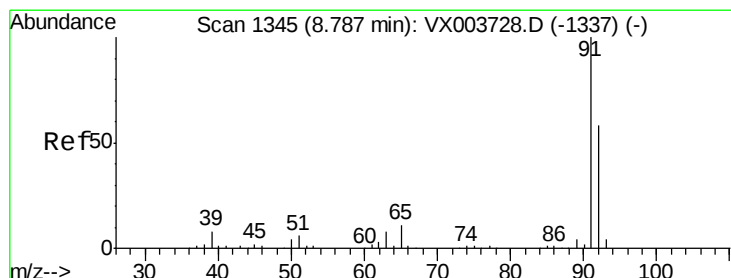
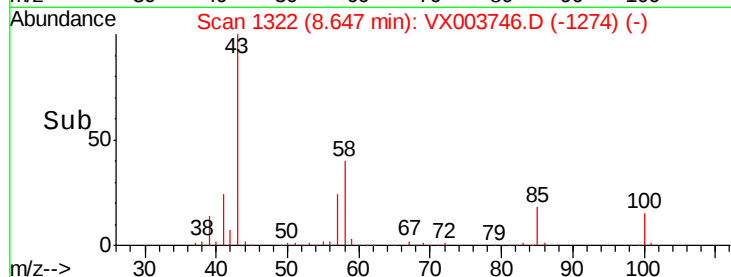
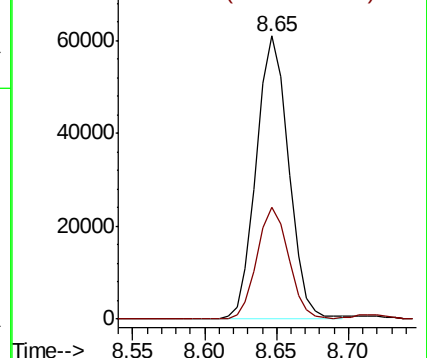
apatel

8/1/2018 5:39:38 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.69 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003746.D

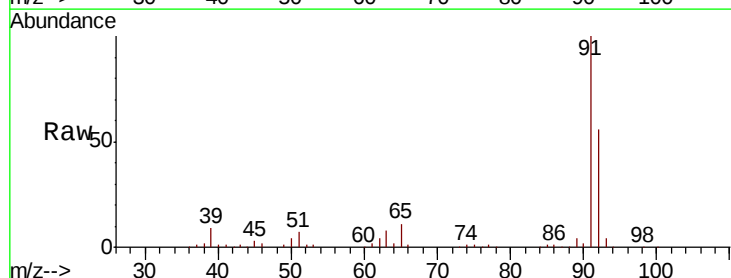
Acq: 31 Jul 2018 13:38

Tgt Ion: 92 Resp: 47568

Ion Ratio Lower Upper

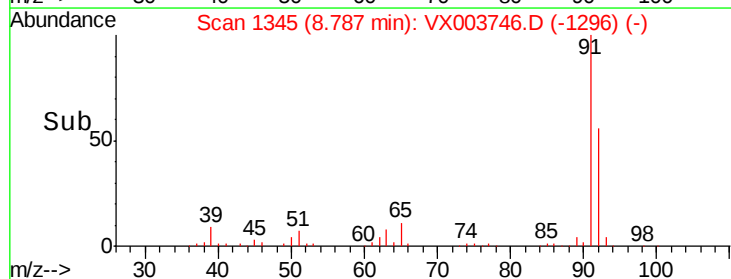
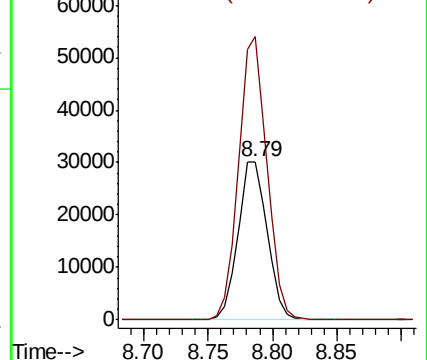
92 100

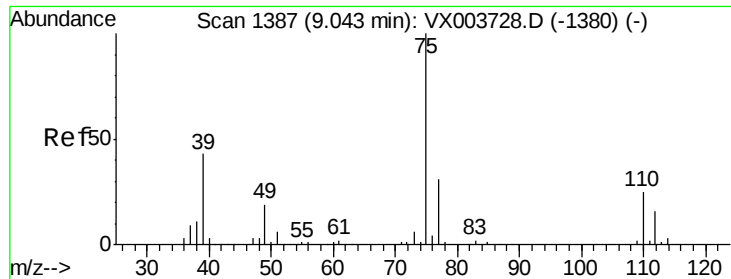
91 173.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





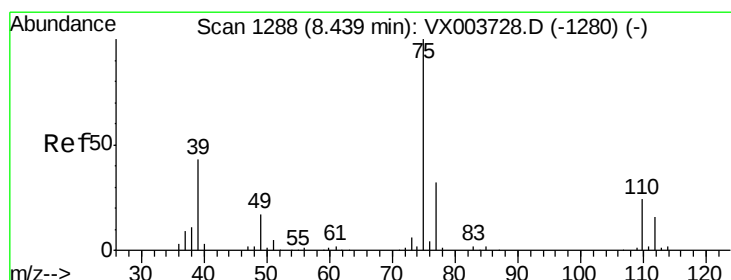
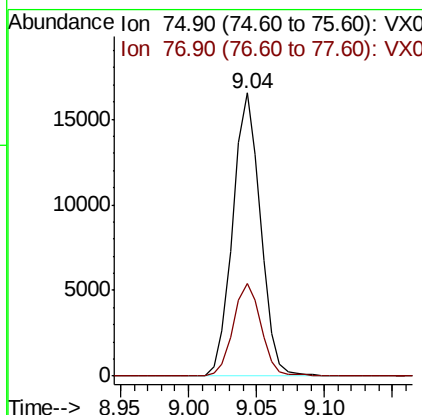
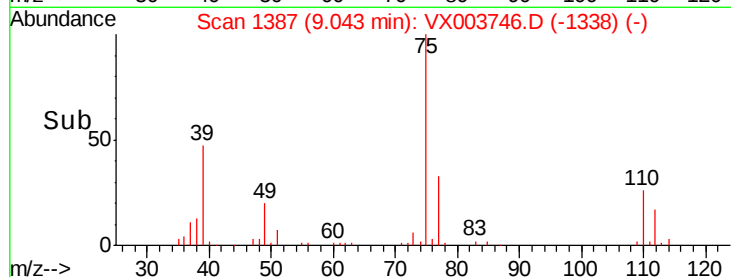
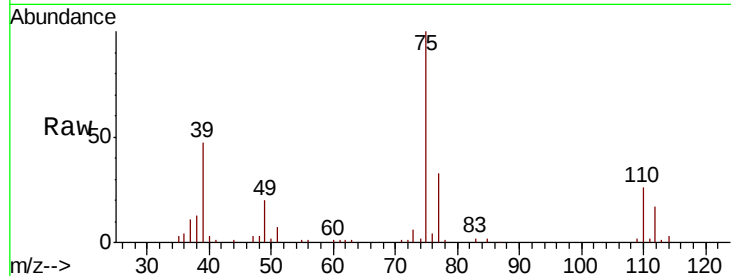
#53
t-1,3-Dichloropropene
Concen: 19.76 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS01

Tot Ion: 75 Resp: 23492
Ion Ratio Lower Upper
75 100
77 32.7 24.9 37.3

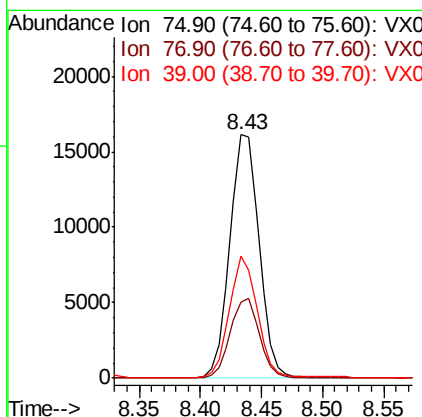
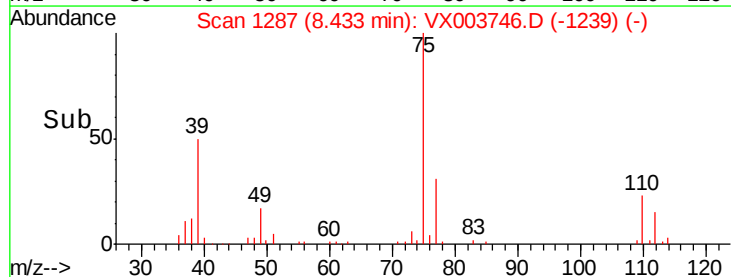
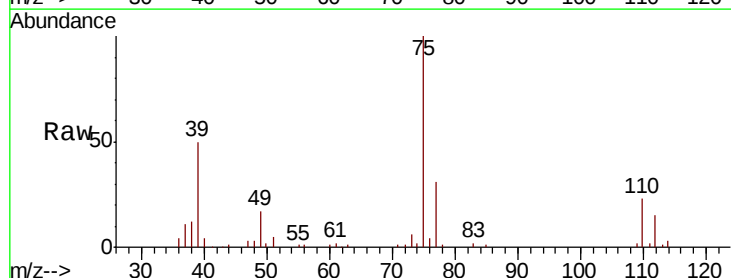
Manual Integrations
APPROVED

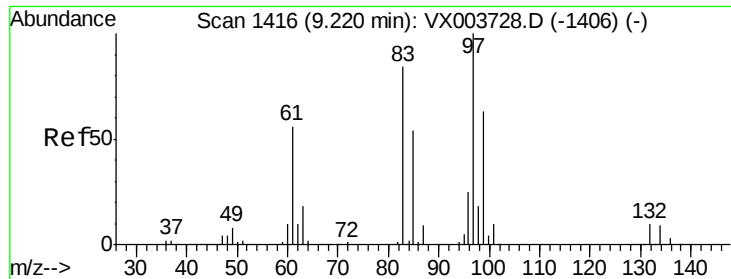
apatel
8/1/2018 5:39:38 PM



#54
cis-1,3-Dichloropropene
Concen: 20.15 ug/l
RT: 8.43 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion: 75 Resp: 26709
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 50.4 34.1 51.1





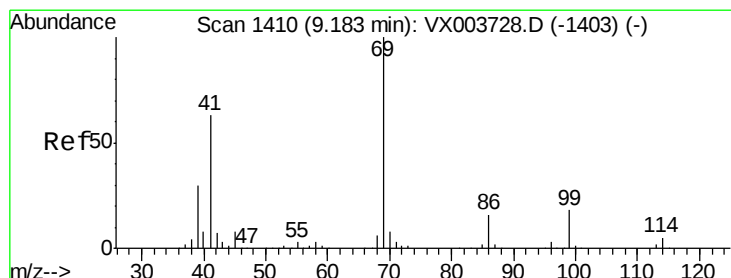
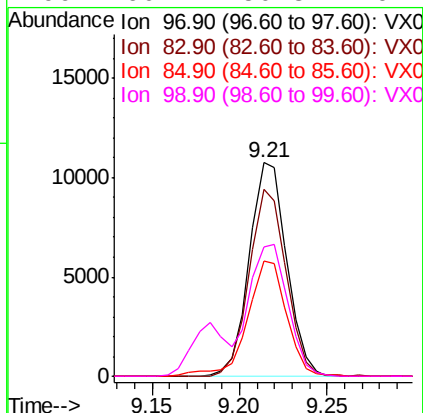
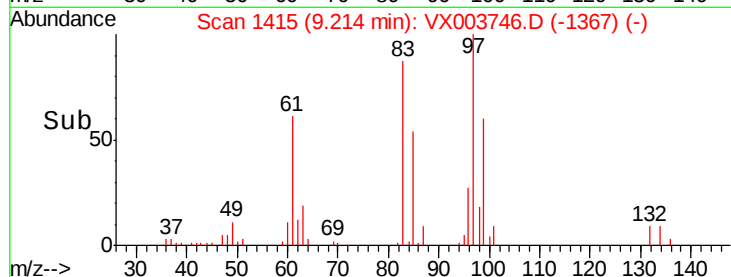
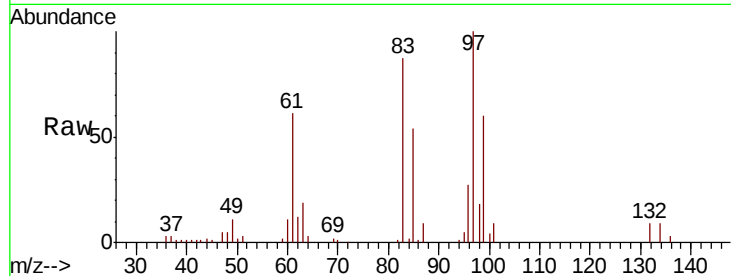
#55
 1,1,2-Trichloroethane
 Concen: 20.20 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS01

Tot Ion:	97	Resp:	15986
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.4	101.0
85	53.4	43.3	64.9
99	60.4	50.8	76.2

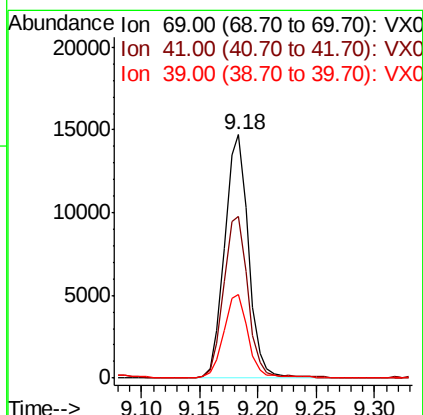
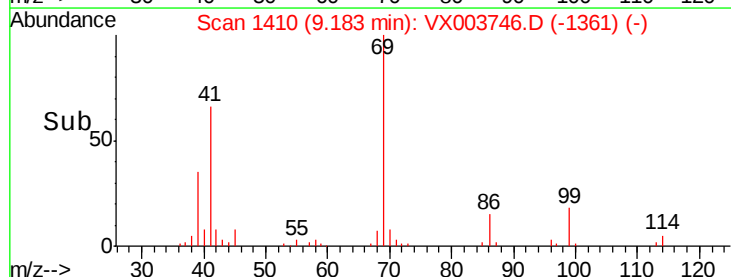
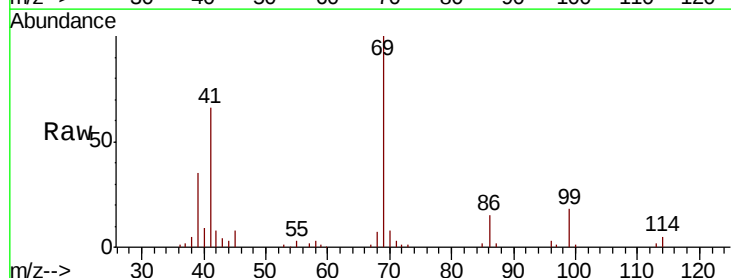
Manual Integrations
 APPROVED

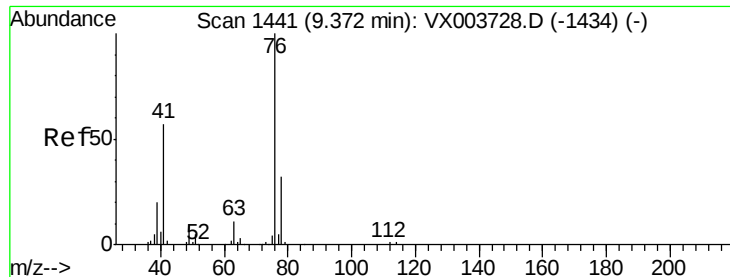
apatel
 8/1/2018 5:39:38 PM



#56
 Ethyl methacrylate
 Concen: 19.22 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Tgt Ion:	69	Resp:	20892
Ion	Ratio	Lower	Upper
69	100		
41	68.4	51.6	77.4
39	35.5	25.1	37.7





#57

1,3-Dichloropropane

Concen: 20.58 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS01

Tot Ion: 76 Resp: 27332

Ion Ratio Lower Upper

76 100

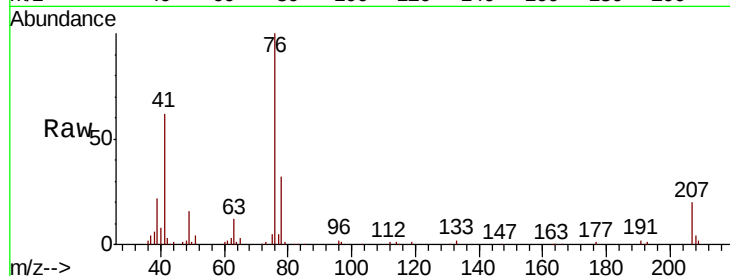
78 31.9 25.7 38.5

Manual Integrations

APPROVED

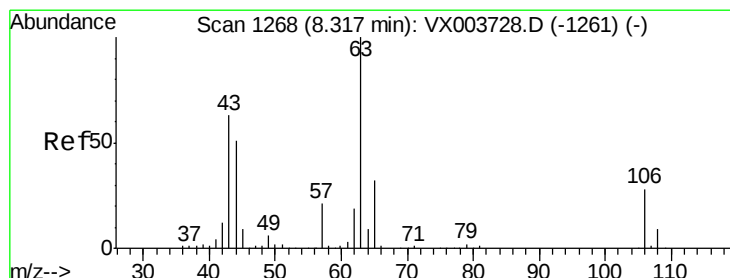
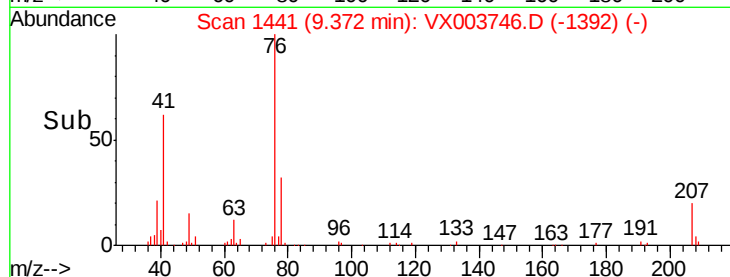
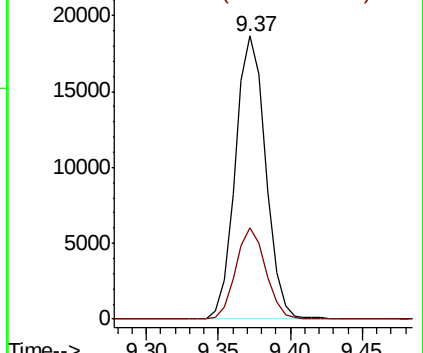
apatel

8/1/2018 5:39:38 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.62 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX003746.D

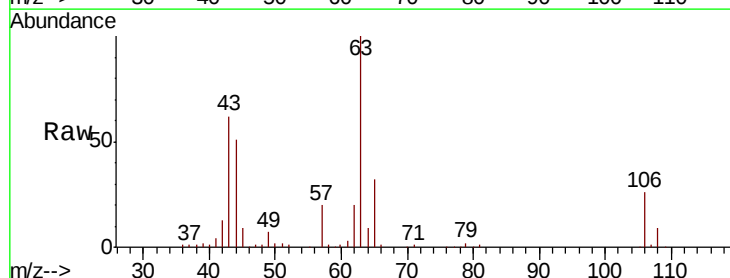
Acq: 31 Jul 2018 13:38

Tgt Ion: 63 Resp: 48041

Ion Ratio Lower Upper

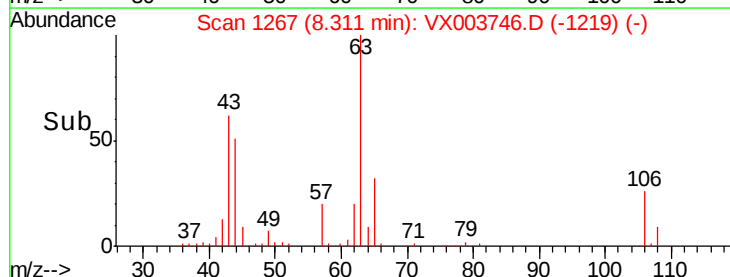
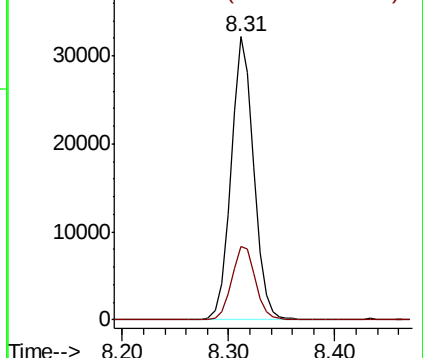
63 100

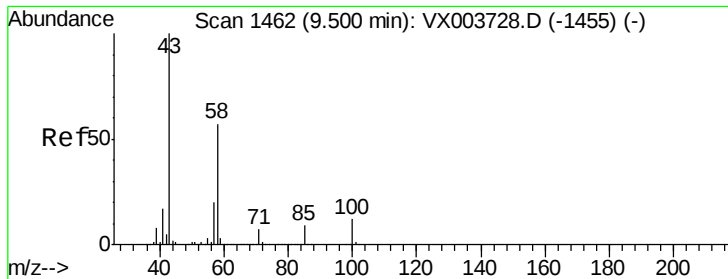
106 27.0 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





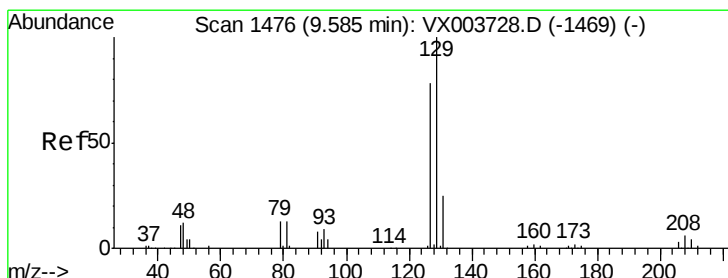
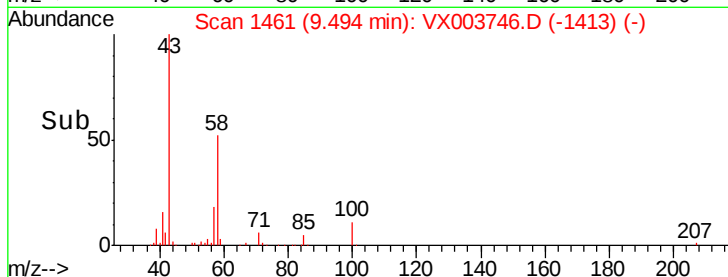
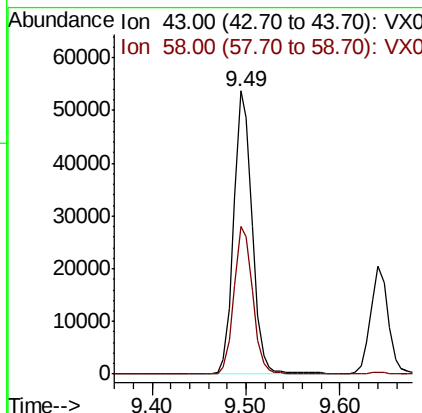
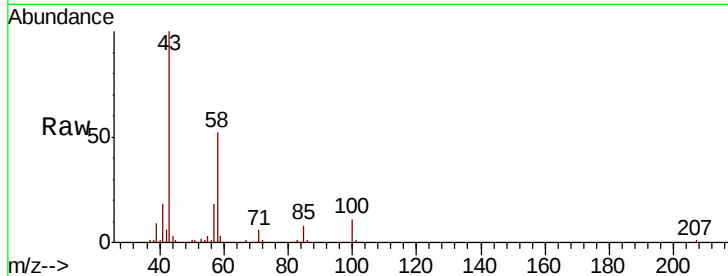
#59
2-Hexanone
Concen: 99.08 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS01

Tot Ion: 43 Resp: 73025
Ion Ratio Lower Upper
43 100
58 52.9 28.0 83.9

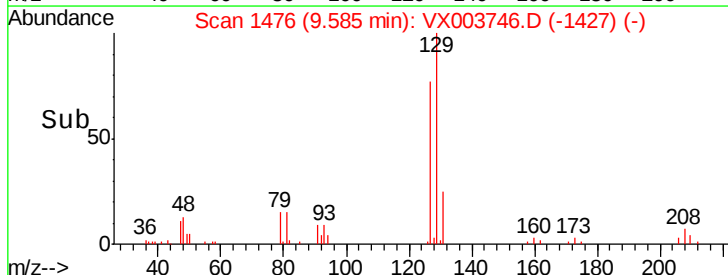
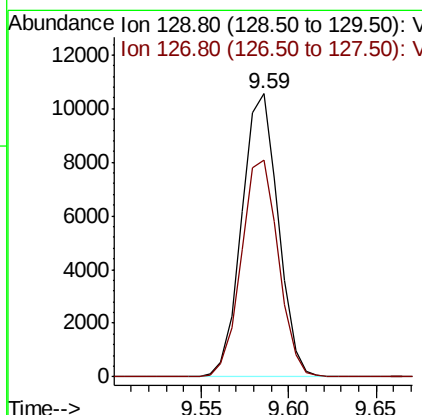
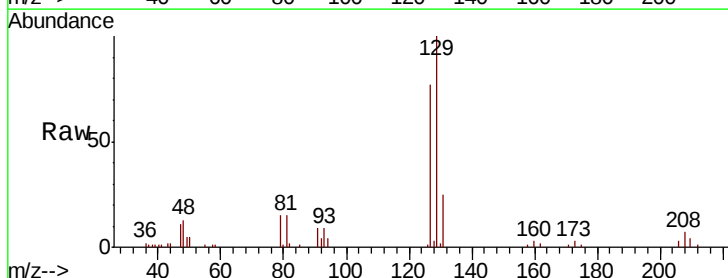
Manual Integrations
APPROVED

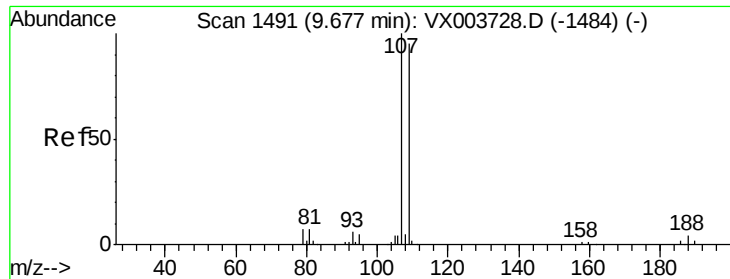
apatel
8/1/2018 5:39:38 PM



#60
Dibromochloromethane
Concen: 19.18 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion: 129 Resp: 15285
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





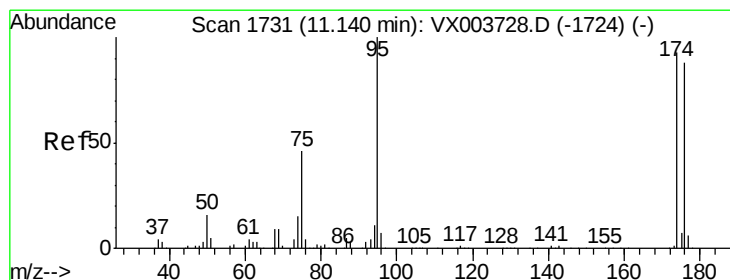
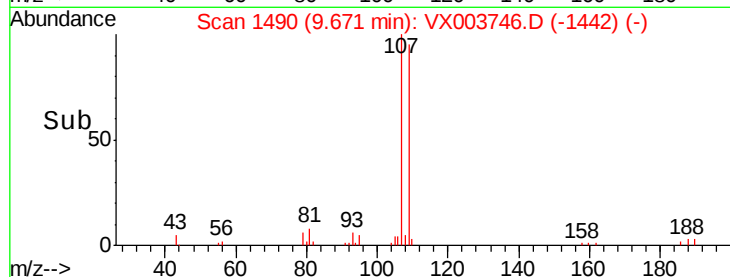
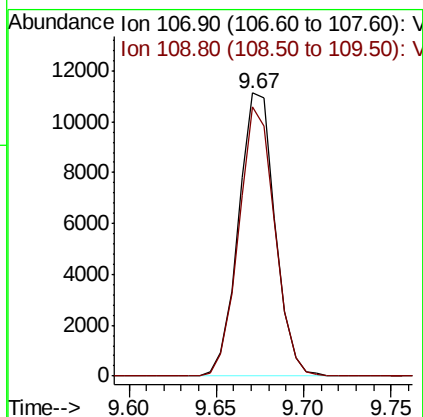
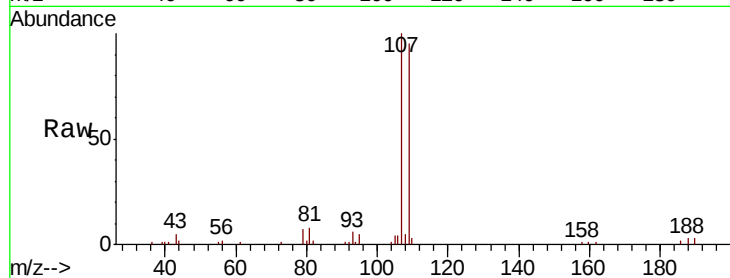
#61
 1,2-Dibromoethane
 Concen: 19.96 ug/l
 RT: 9.67 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS01

Tot Ion:107 Resp: 16127
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.0 112.6

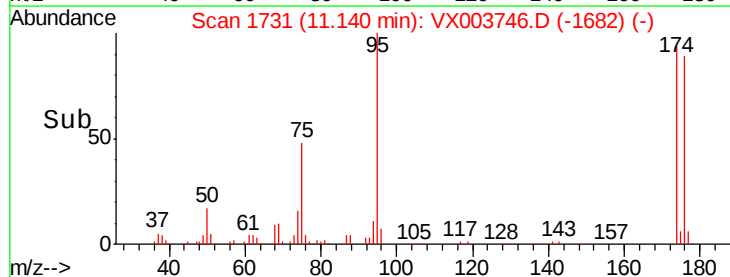
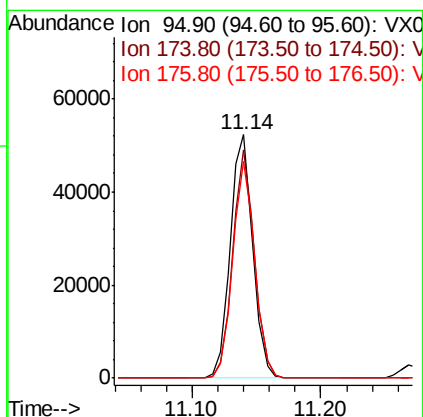
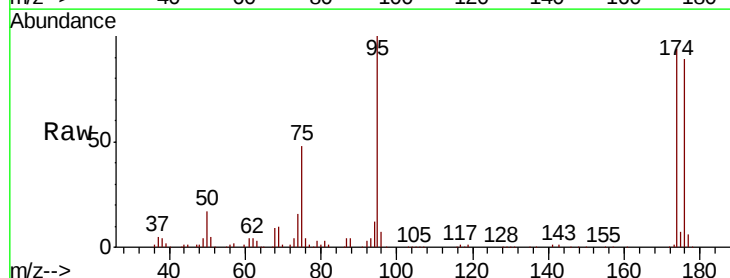
Manual Integrations
 APPROVED

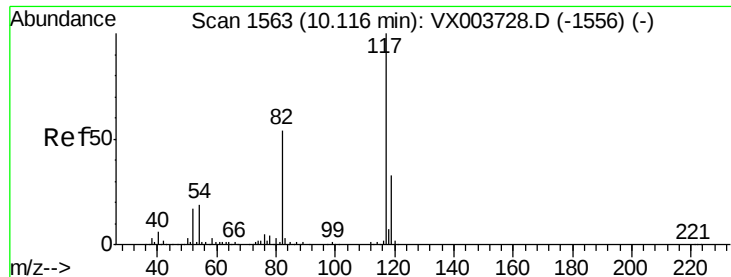
apatel
 8/1/2018 5:39:38 PM



#62
 4-Bromofluorobenzene
 Concen: 51.59 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Tgt Ion: 95 Resp: 64144
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 186.2
 176 87.0 0.0 179.2





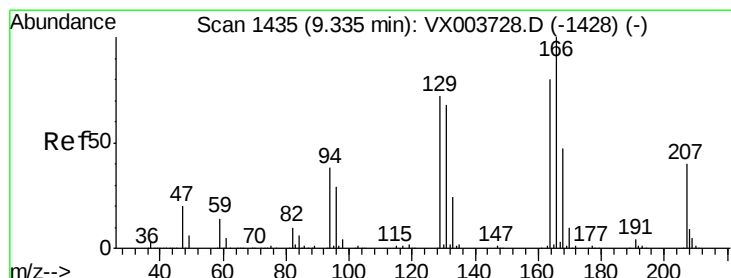
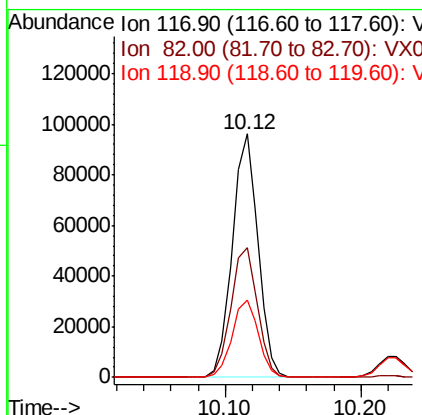
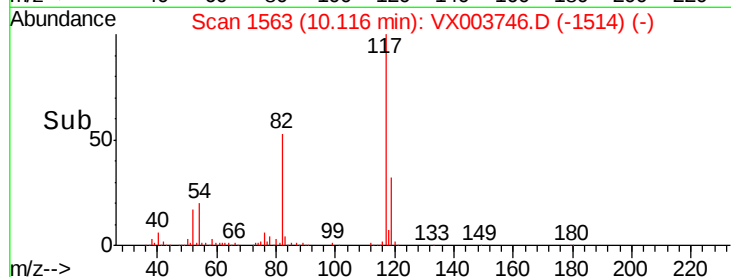
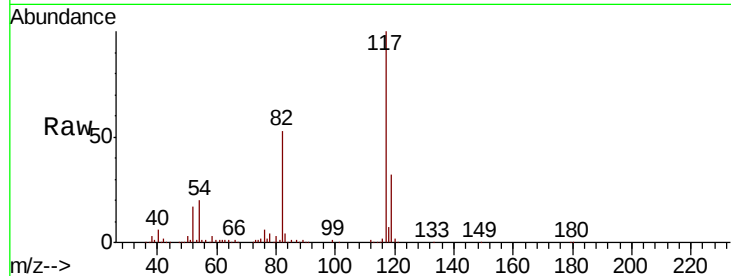
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	125780		
82	53.4	43.2	64.8	
119	31.6	26.3	39.5	

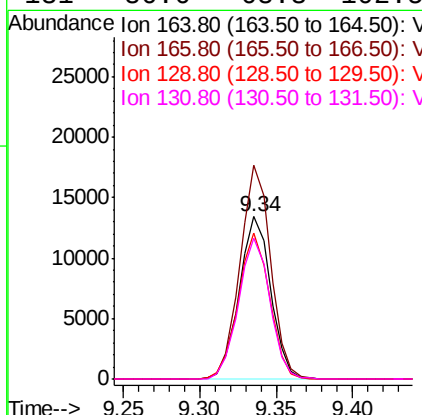
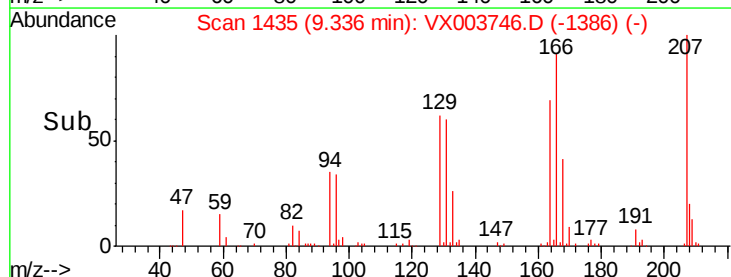
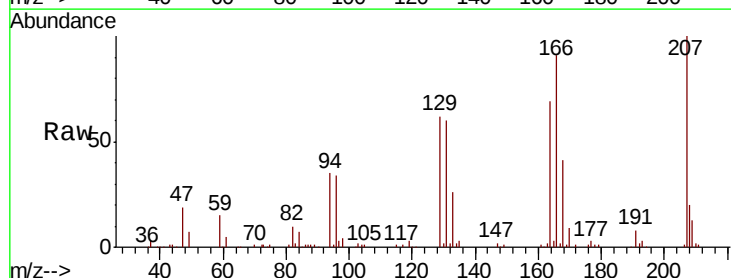
Manual Integrations
APPROVED

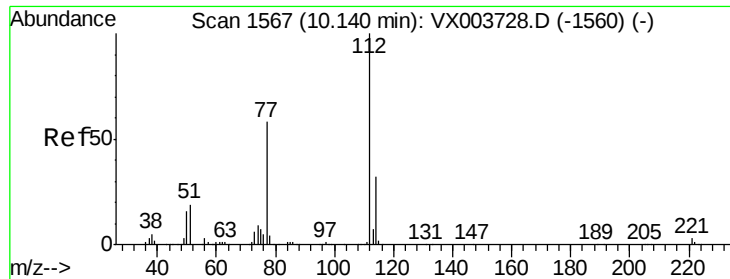
apatel
8/1/2018 5:39:38 PM



#64
Tetrachloroethene
Concen: 19.37 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	19148		
166	131.7	100.4	150.6	
129	89.9	71.8	107.8	
131	86.6	68.3	102.5	





#65

Chlorobenzene

Concen: 20.06 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS01

Tot Ion:112 Resp: 52727

Ion Ratio Lower Upper

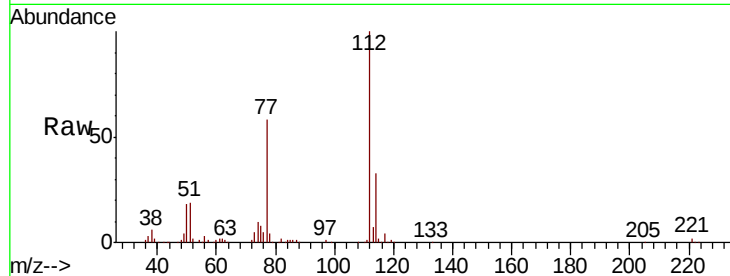
112 100

114 33.4 25.7 38.5

Manual Integrations
APPROVED

apatel

8/1/2018 5:39:38 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

40000

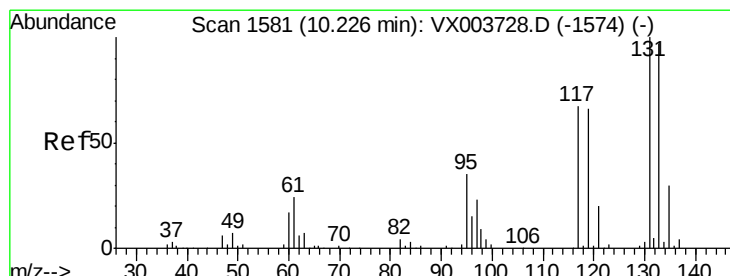
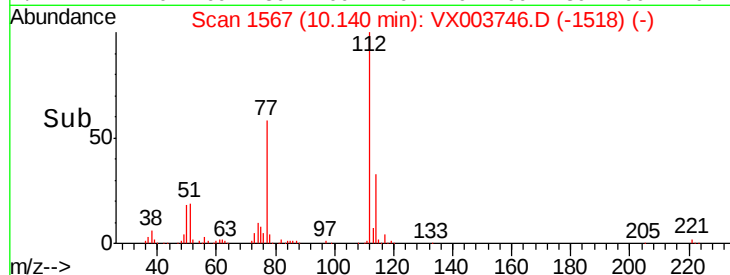
30000

20000

10000

0

Time--> 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 19.99 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

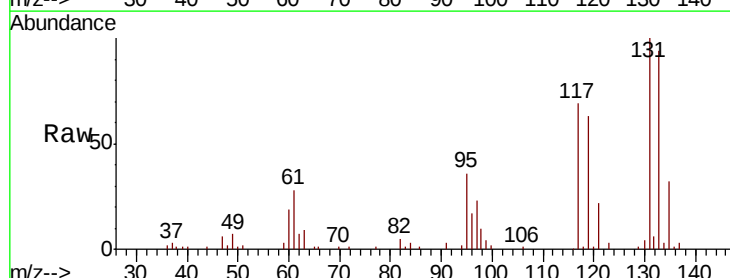
Tgt Ion:131 Resp: 17137

Ion Ratio Lower Upper

131 100

133 93.2 47.6 142.9

119 63.9 32.8 98.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

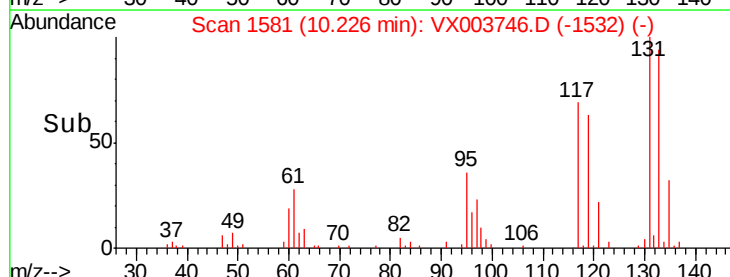
15000

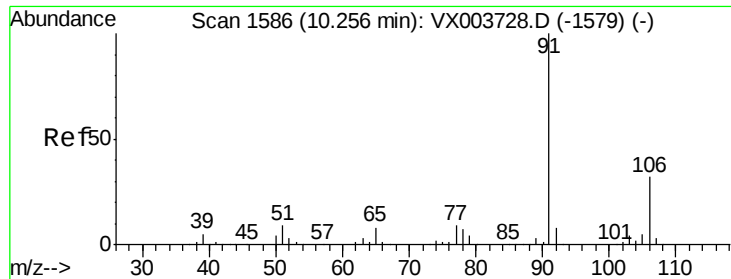
10000

5000

0

Time--> 10.15 10.20 10.25





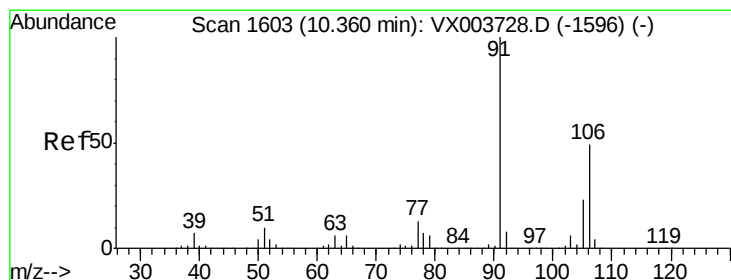
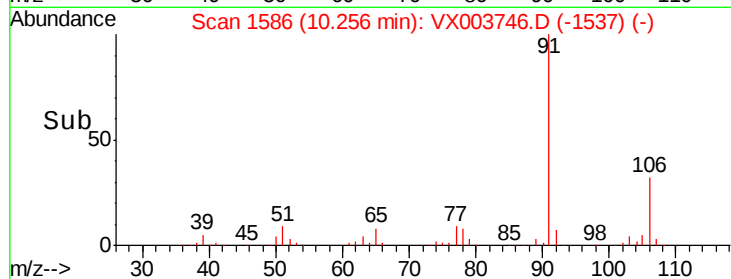
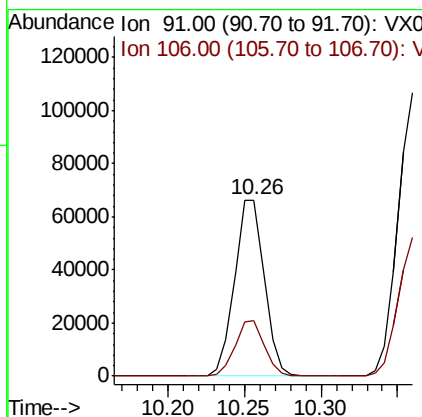
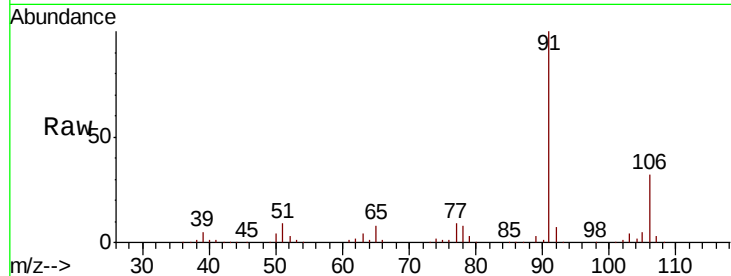
#67
Ethyl Benzene
Concen: 20.14 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS01

Tot Ion: 91 Resp: 89390
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

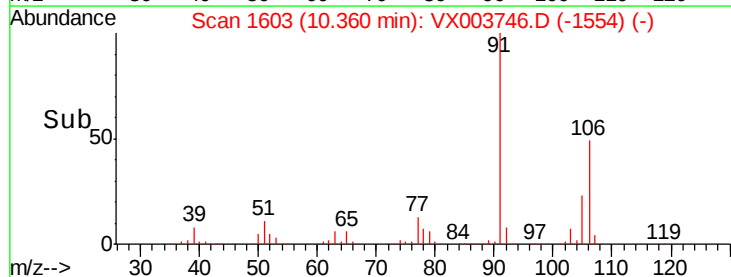
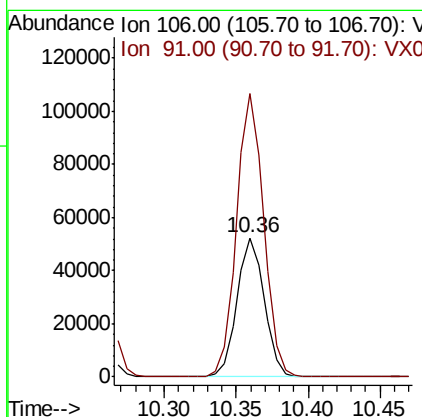
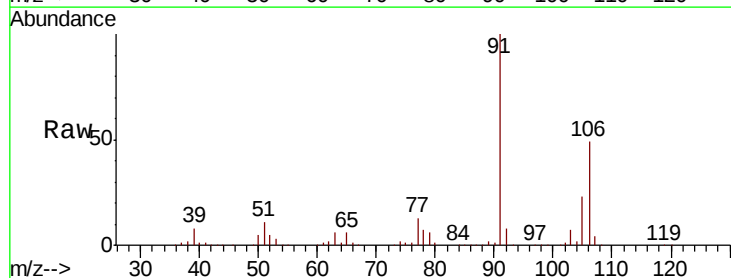
Manual Integrations
APPROVED

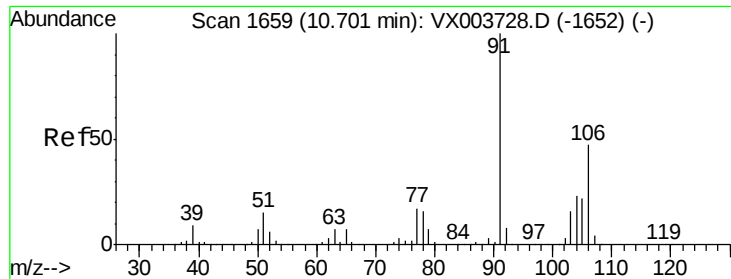
apatel
8/1/2018 5:39:38 PM



#68
m/p-Xylenes
Concen: 39.88 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion: 106 Resp: 69239
Ion Ratio Lower Upper
106 100
91 202.6 159.8 239.8





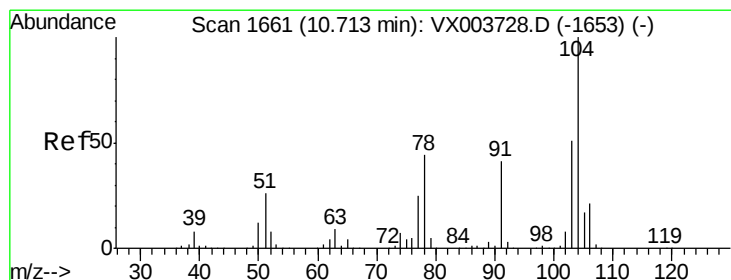
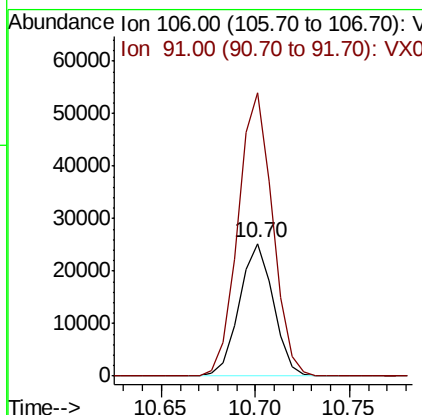
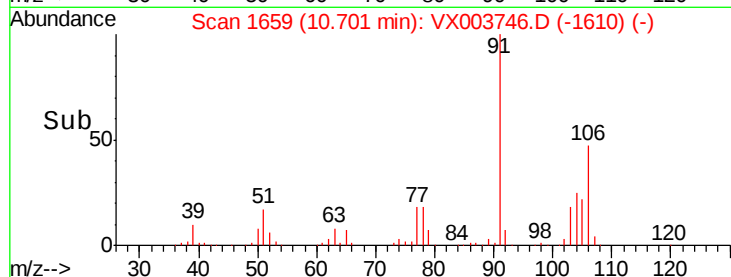
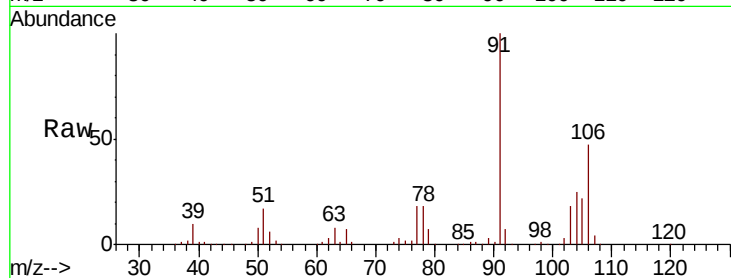
#69
o-Xylene
Concen: 19.61 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS01

Tot Ion:106 Resp: 31612
Ion Ratio Lower Upper
106 100
91 217.4 105.6 316.8

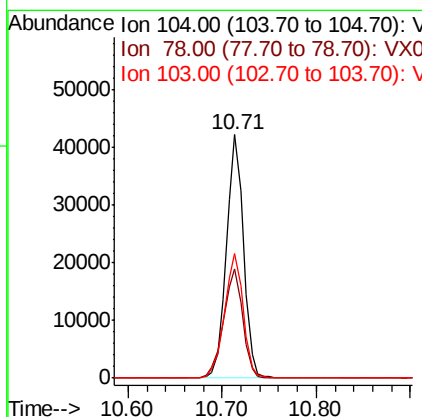
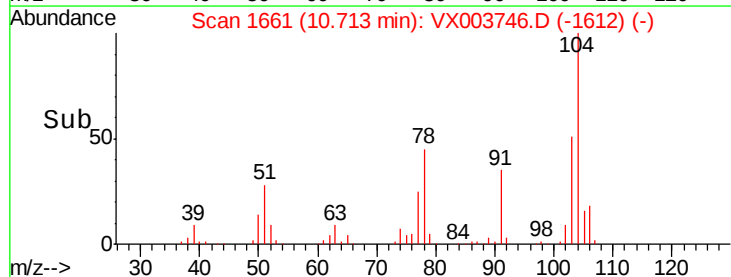
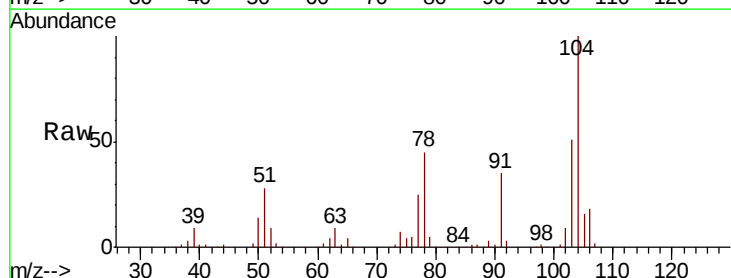
Manual Integrations
APPROVED

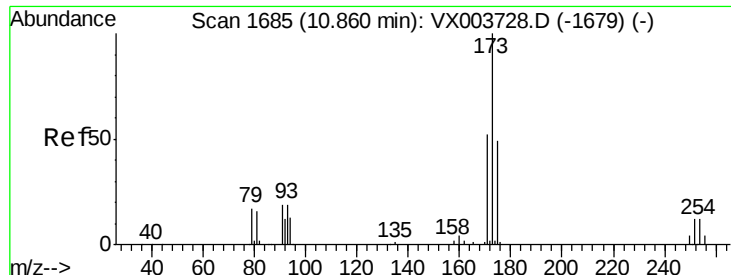
apatel
8/1/2018 5:39:38 PM



#70
Styrene
Concen: 19.64 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion:104 Resp: 53263
Ion Ratio Lower Upper
104 100
78 50.0 38.2 57.2
103 55.7 44.5 66.7





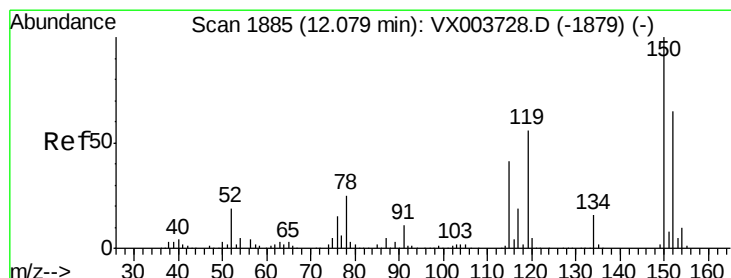
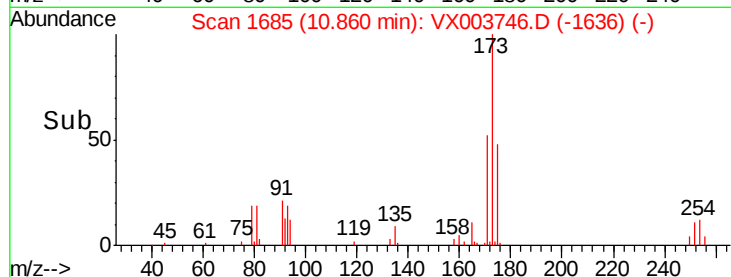
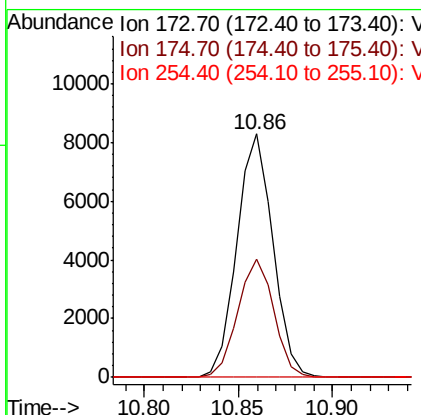
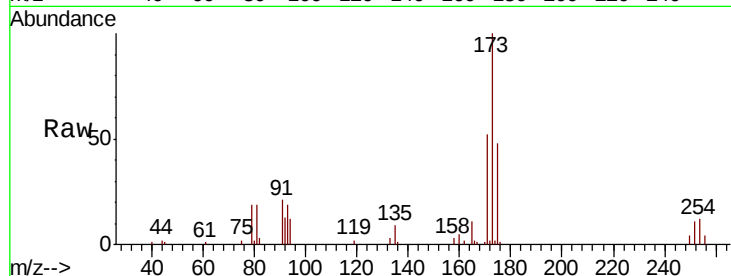
#71
Bromoform
Concen: 18.65 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.6
254	0.0	0.0	0.0

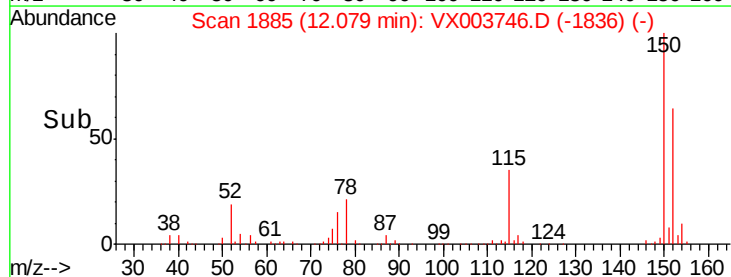
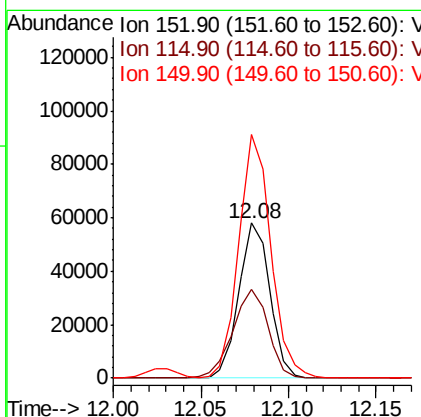
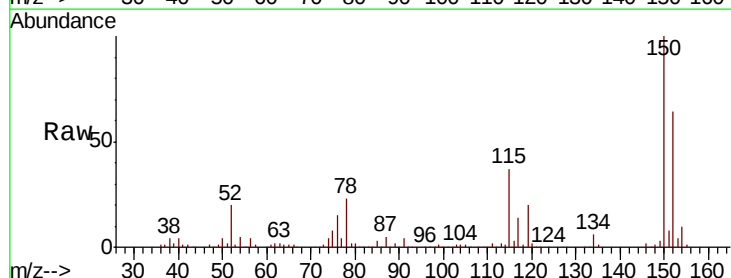
Manual Integrations
APPROVED

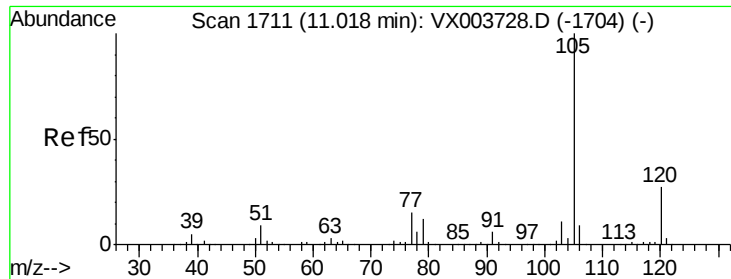
apatel
8/1/2018 5:39:38 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.7	38.5	115.3
150	162.9	0.0	346.2





#73

Isopropylbenzene

Concen: 19.97 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS01

Tot Ion: 105 Resp: 89499

Ion Ratio Lower Upper

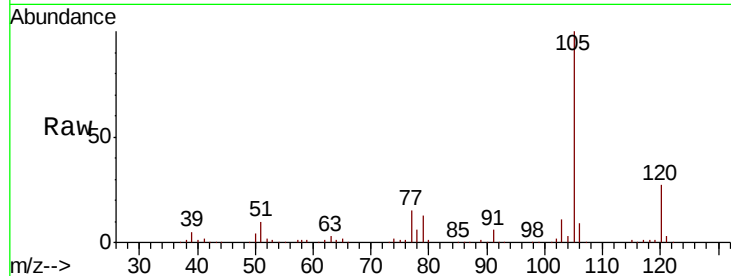
105 100

120 26.4 13.5 40.5

Manual Integrations
APPROVED

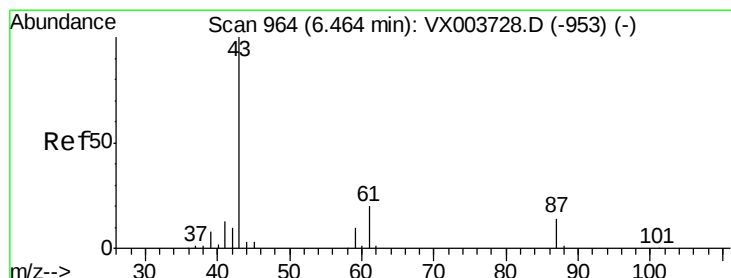
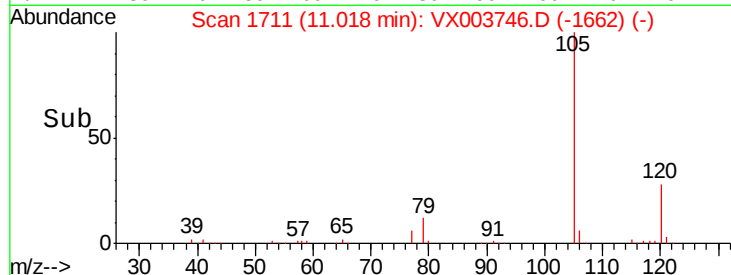
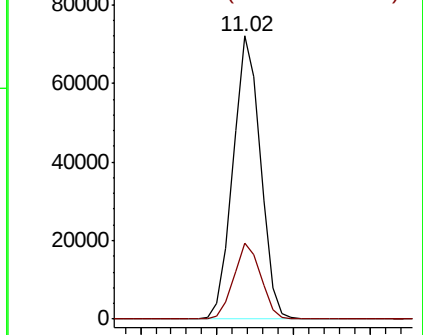
apatel

8/1/2018 5:39:38 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.34 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Tgt Ion: 43 Resp: 30720

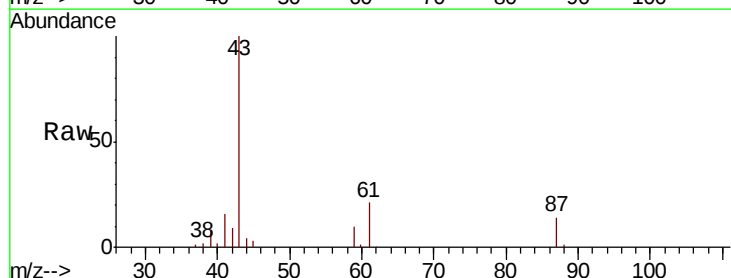
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 19.7 17.8 26.8

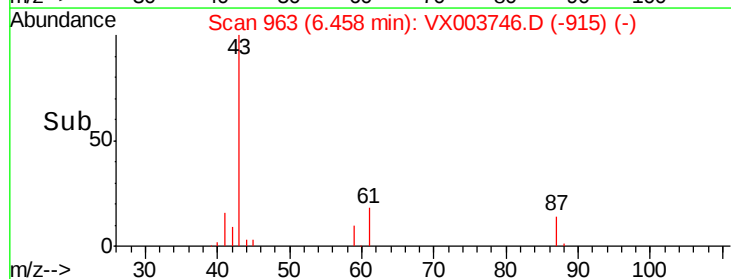
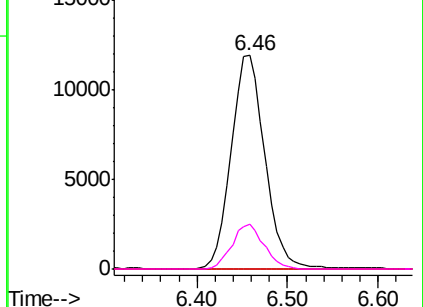


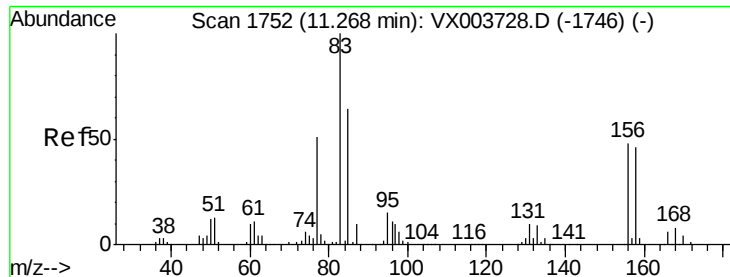
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.43 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0731SBS01

Tot Ion: 83 Resp: 22639

Ion Ratio Lower Upper

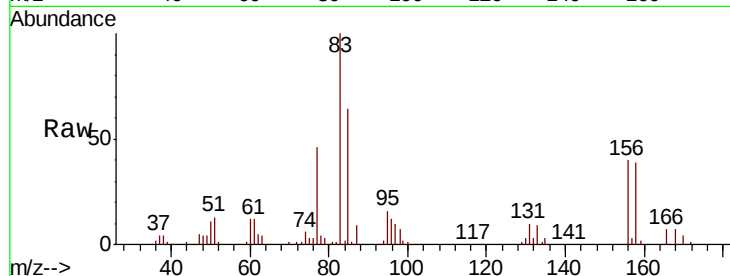
83 100

131 10.2 5.3 15.9

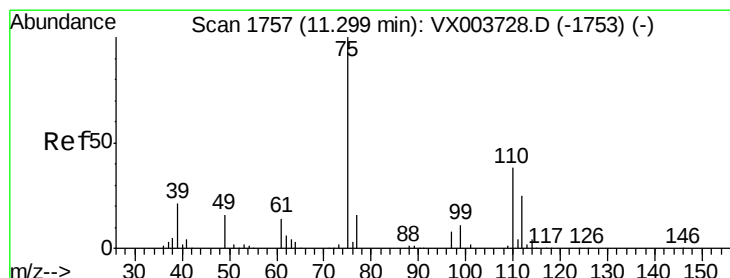
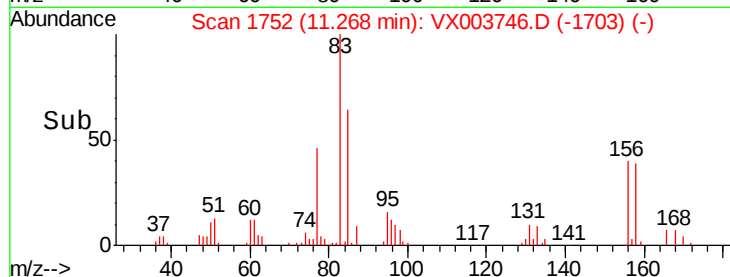
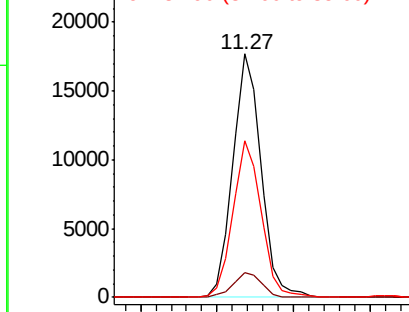
85 64.5 32.0 96.2

Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.24 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003746.D

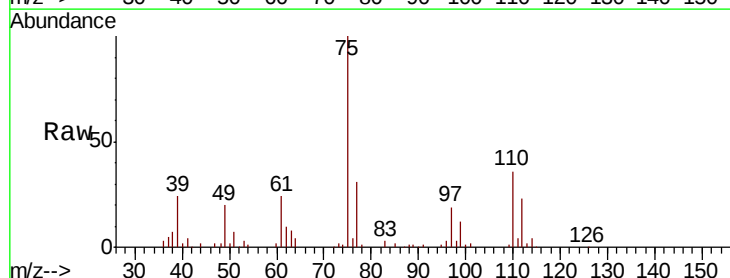
Acq: 31 Jul 2018 13:38

Tgt Ion: 75 Resp: 19971

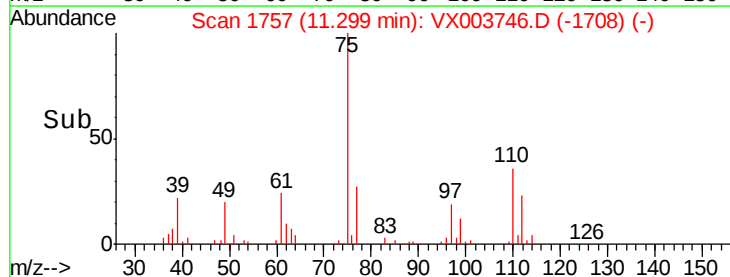
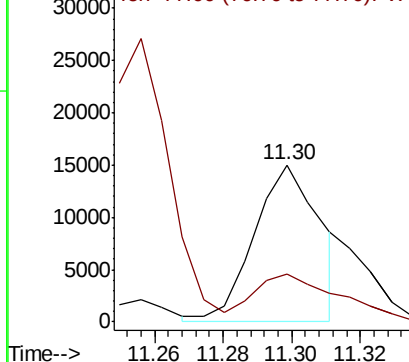
Ion Ratio Lower Upper

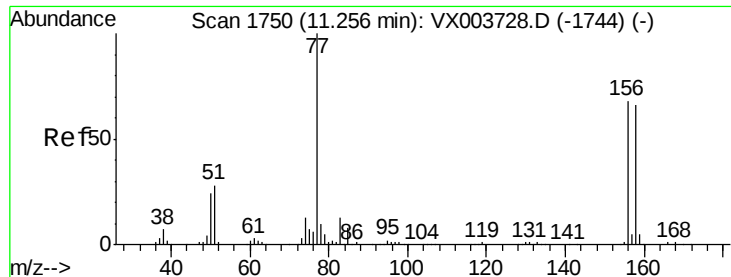
75 100

77 39.7 21.6 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.54 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampled :

VX0731SBS01

Tot Ion:156 Resp: 22829

Ion Ratio Lower Upper

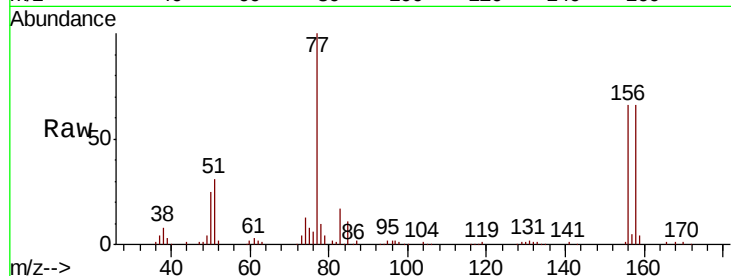
156 100

77 151.3 71.8 215.3

158 97.8 48.8 146.4

Manual Integrations
APPROVED

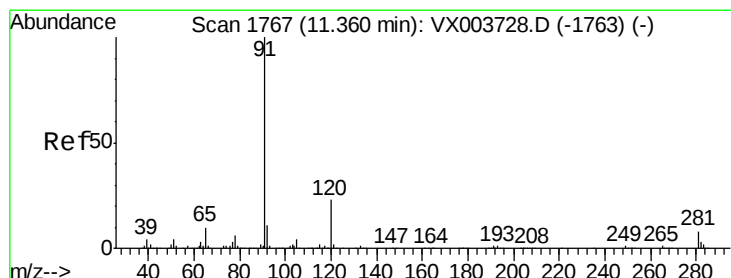
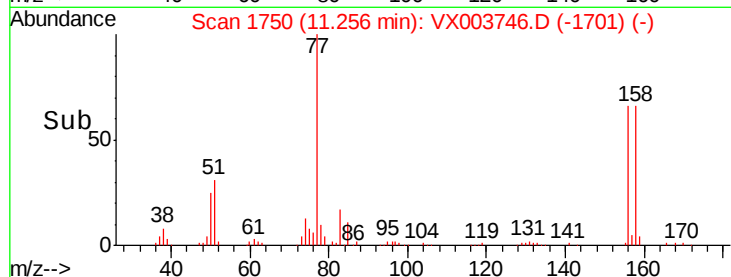
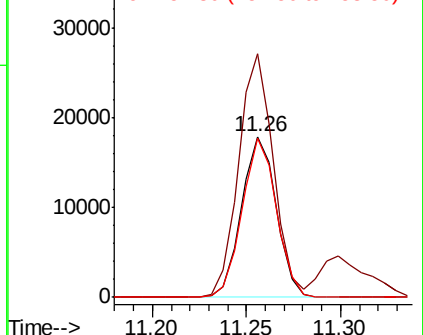
apatel
8/1/2018 5:39:38 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.25 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003746.D

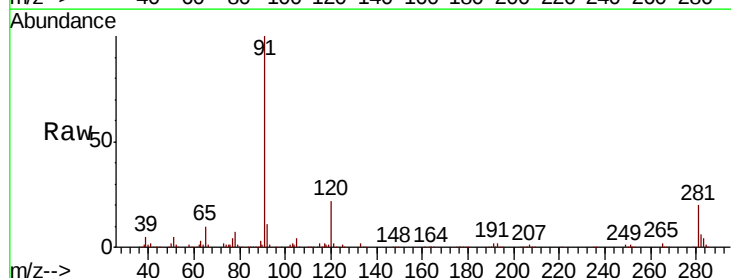
Acq: 31 Jul 2018 13:38

Tgt Ion: 91 Resp: 109929

Ion Ratio Lower Upper

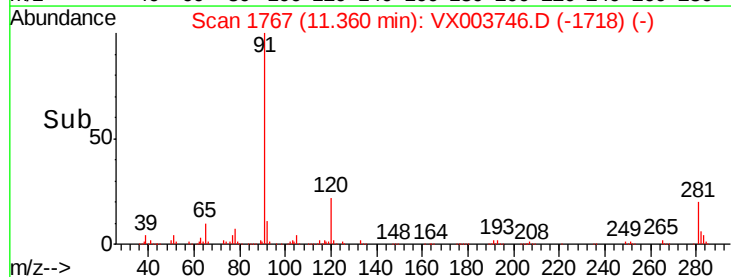
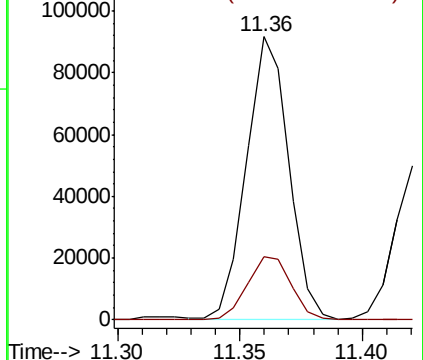
91 100

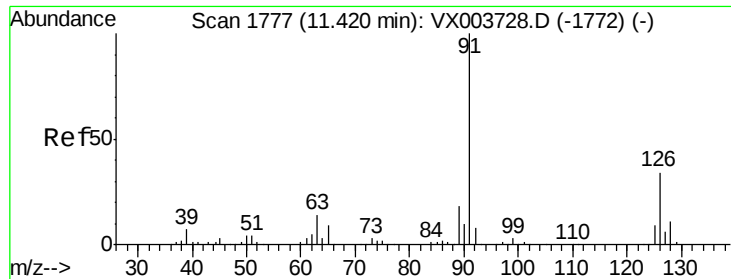
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.22 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampled :

VX0731SBS01

Tot Ion: 91 Resp: 62325

Ion Ratio Lower Upper

91 100

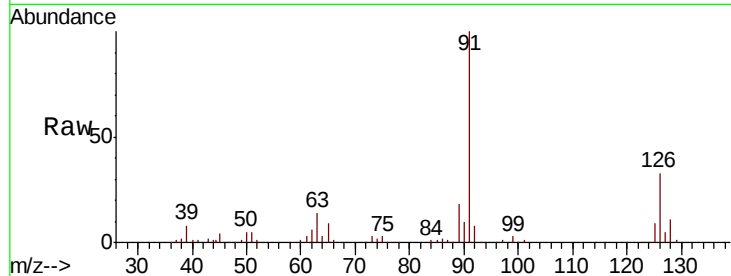
126 34.9 17.6 52.8

Manual Integrations

APPROVED

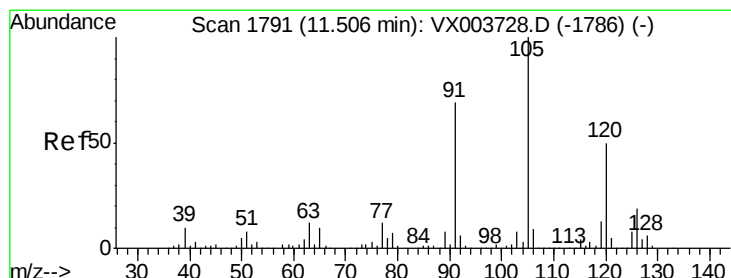
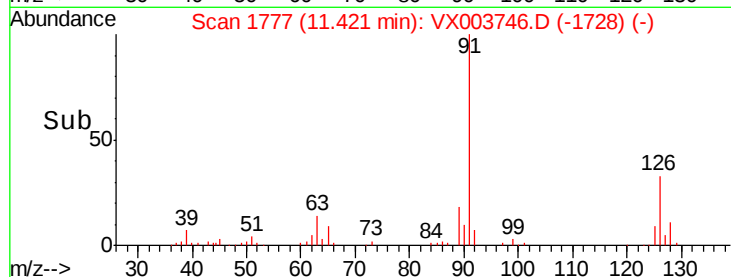
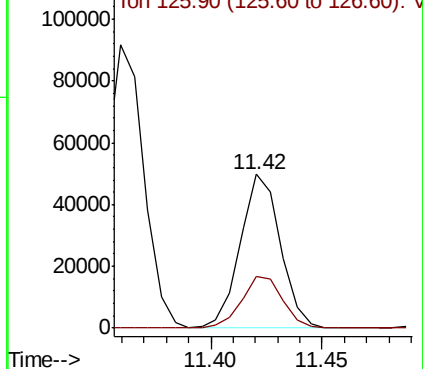
apatel

8/1/2018 5:39:38 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.96 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003746.D

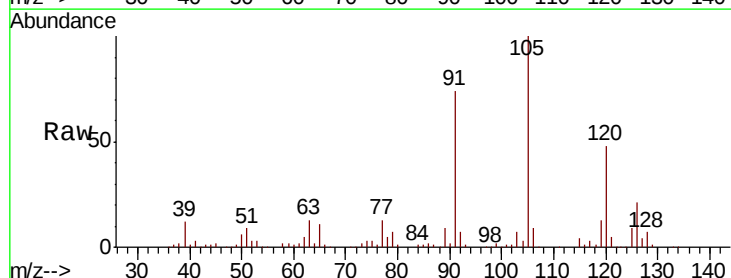
Acq: 31 Jul 2018 13:38

Tgt Ion: 105 Resp: 76364

Ion Ratio Lower Upper

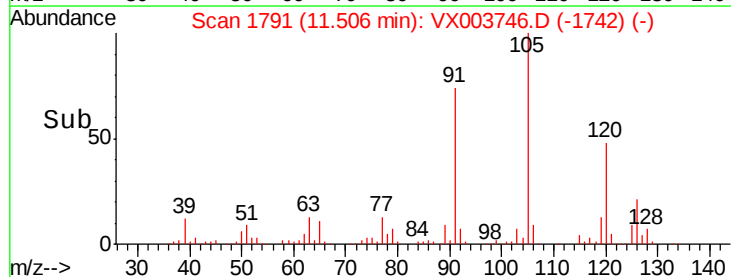
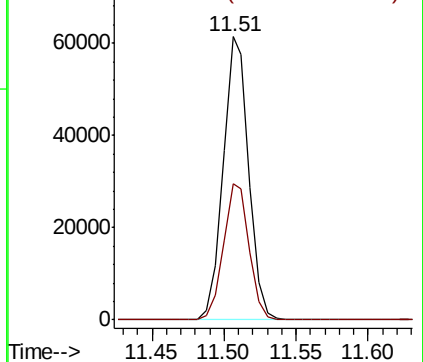
105 100

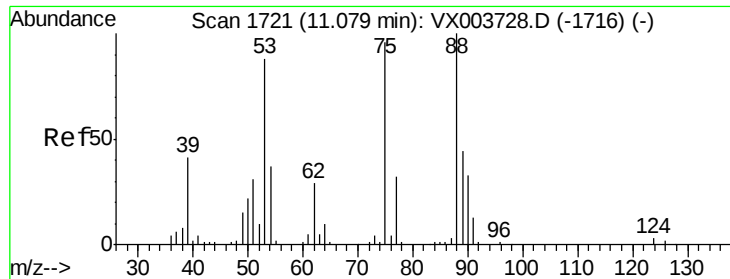
120 48.5 15.8 47.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





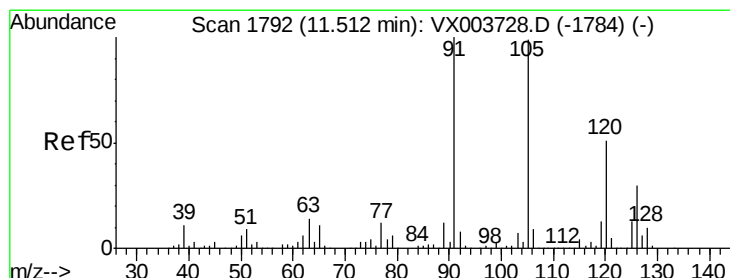
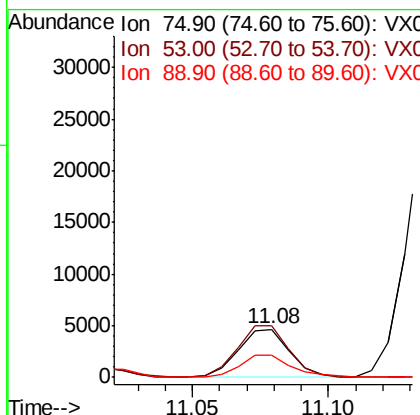
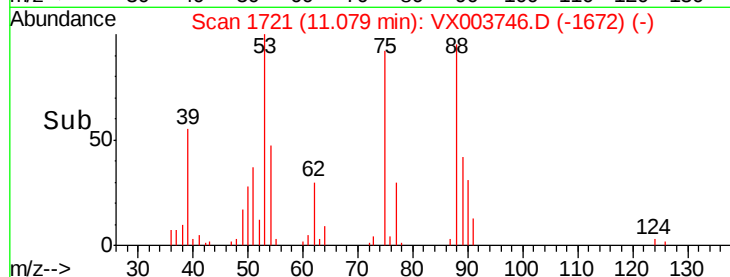
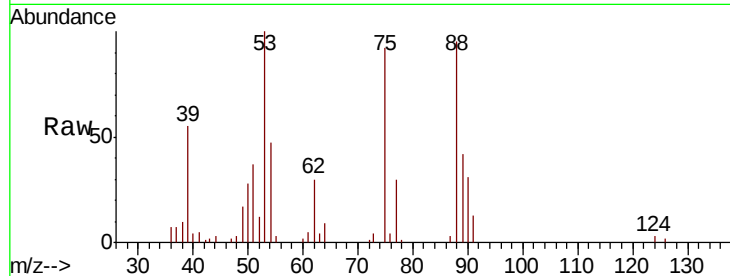
#81
trans-1,4-Dichloro-2-butene
Concen: 18.36 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.4	75.8	113.8
89	47.7	39.1	58.7

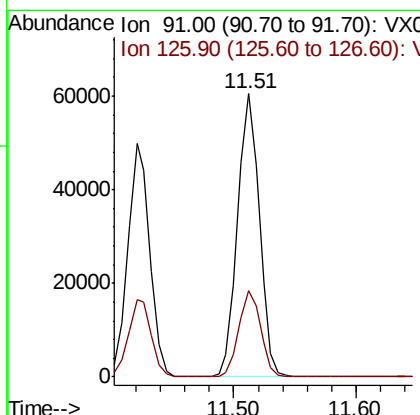
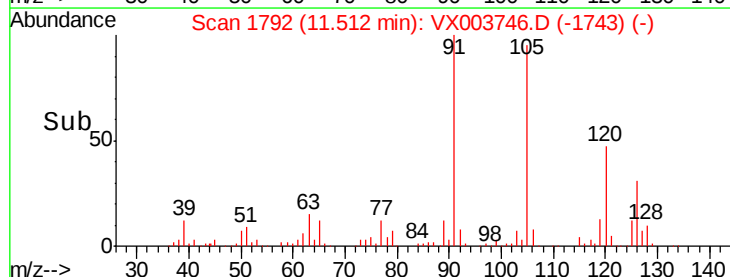
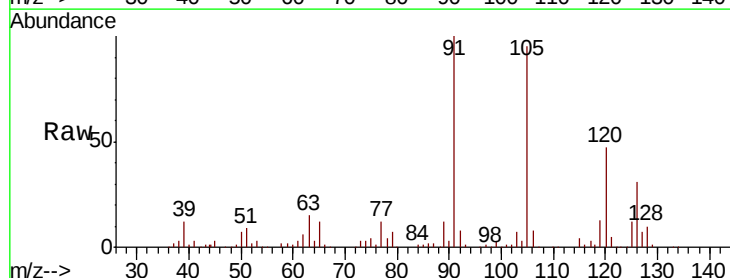
Manual Integrations
APPROVED

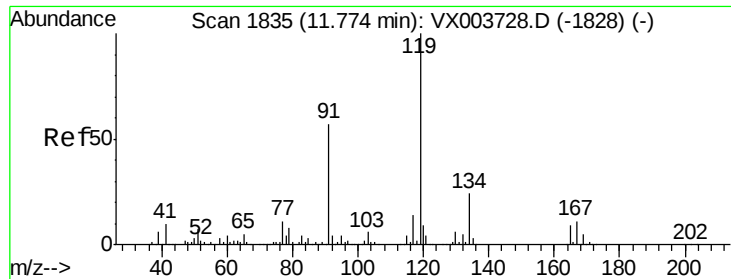
apatel
8/1/2018 5:39:38 PM



#82
4-Chlorotoluene
Concen: 19.96 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.6	46.7





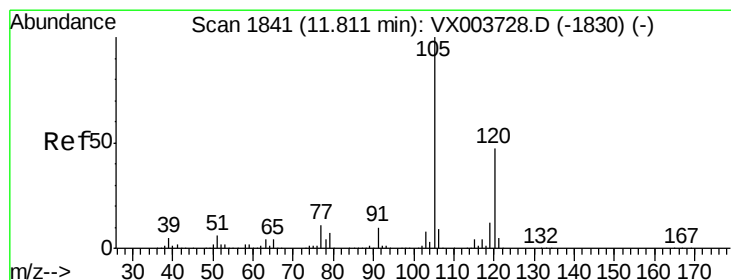
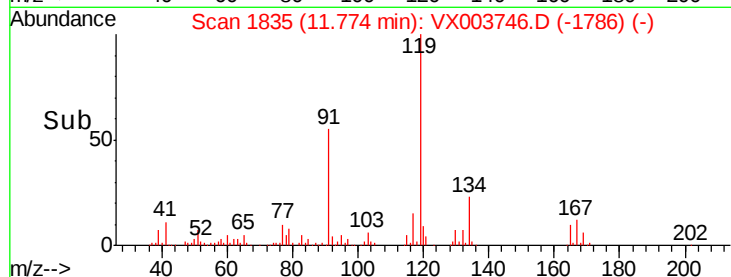
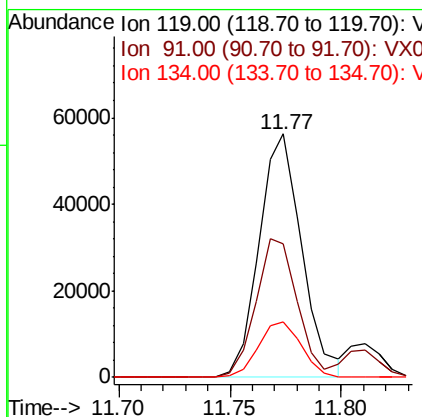
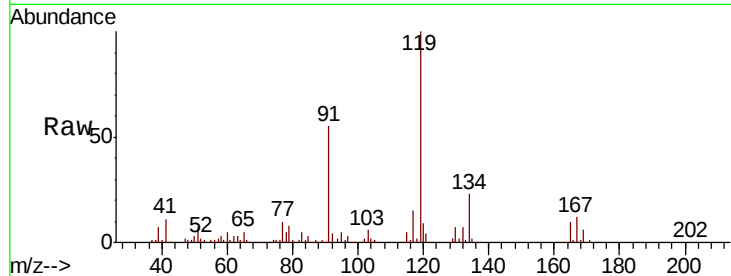
#83
tert-Butylbenzene
Concen: 19.82 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.1	27.2	81.6
134	22.9	11.6	34.8

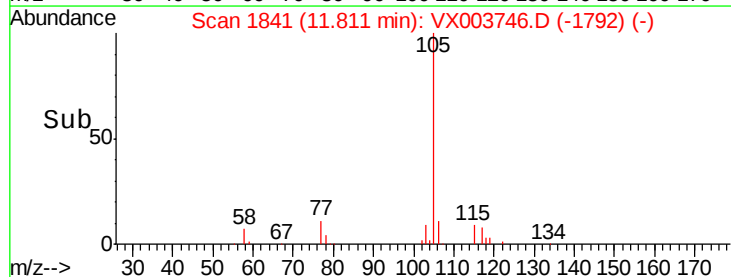
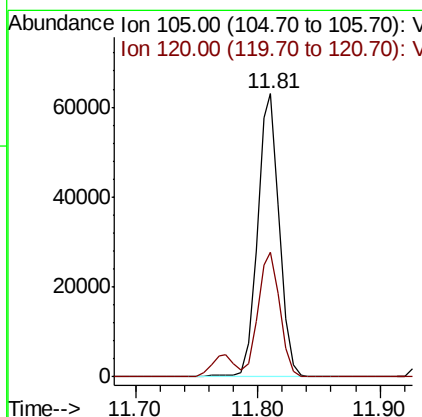
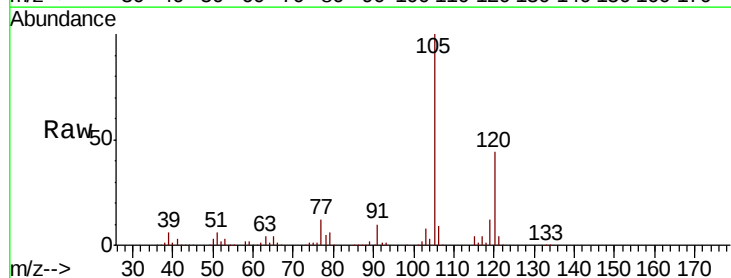
Manual Integrations
APPROVED

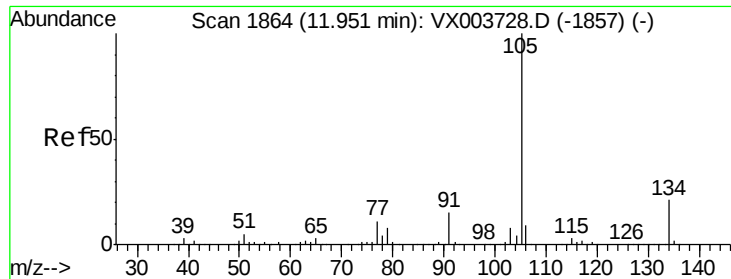
apatel
8/1/2018 5:39:38 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.80 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.84 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

ClientSampled :

VX0731SBS01

Tot Ion:105 Resp: 96032

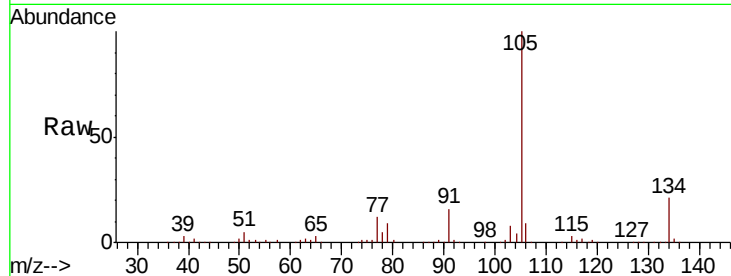
Ion Ratio Lower Upper

105 100

134 20.0 10.3 30.8

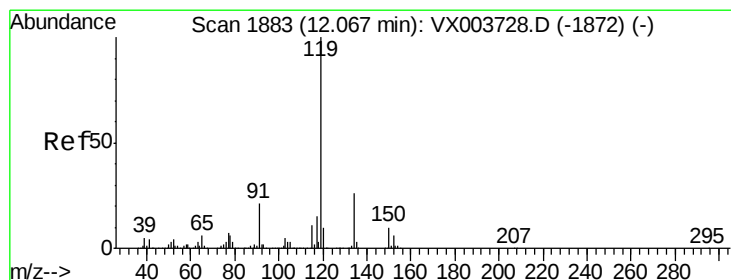
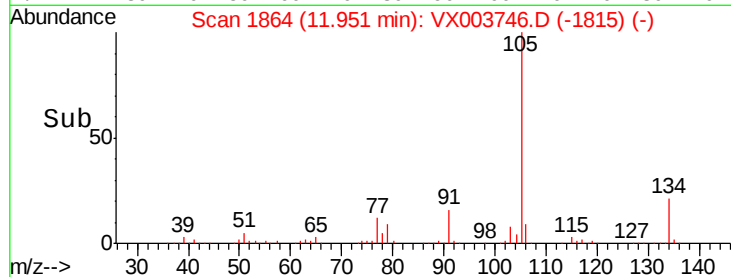
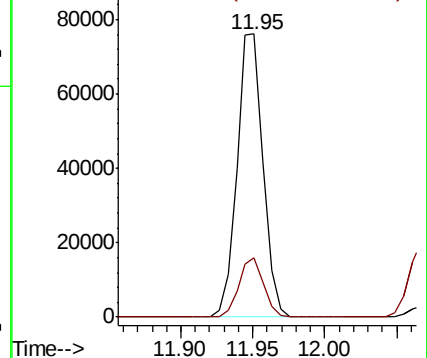
Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.52 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

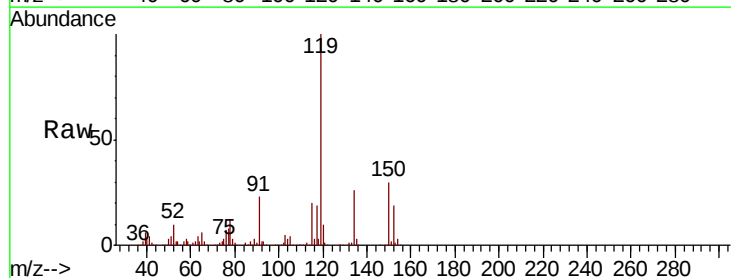
Tgt Ion:119 Resp: 85884

Ion Ratio Lower Upper

119 100

134 26.4 10.1 30.1

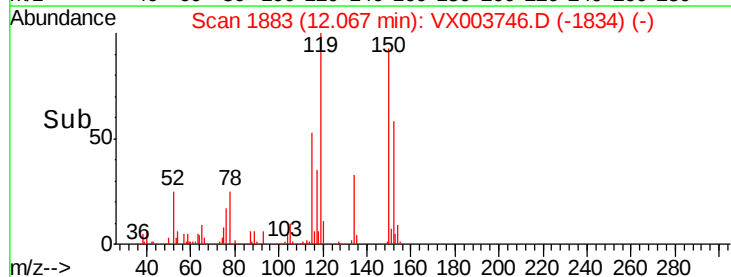
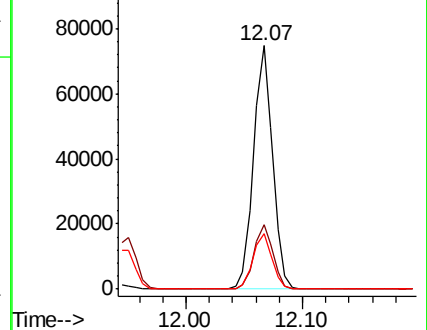
91 23.3 23.6 70.8#

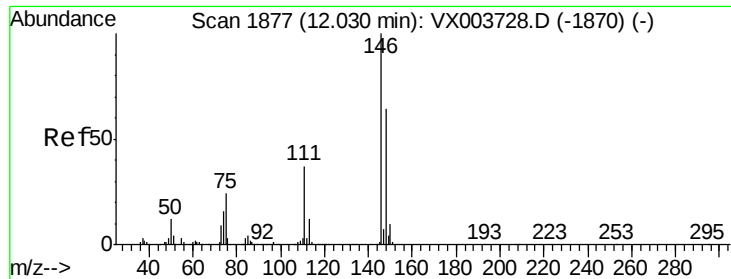


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





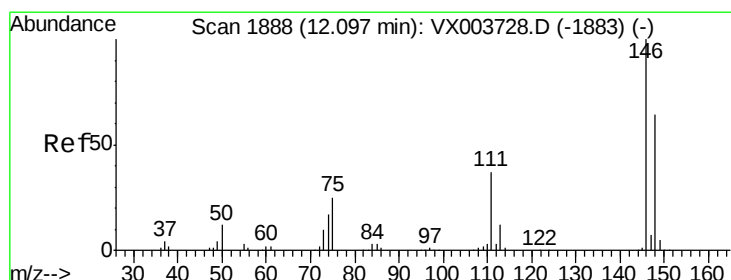
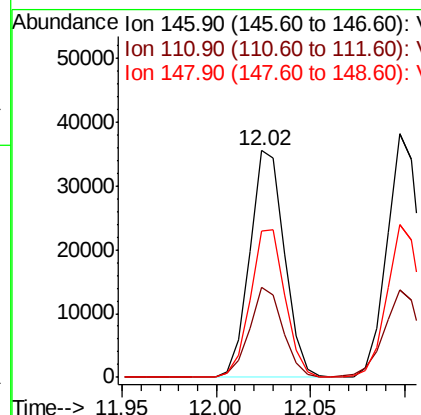
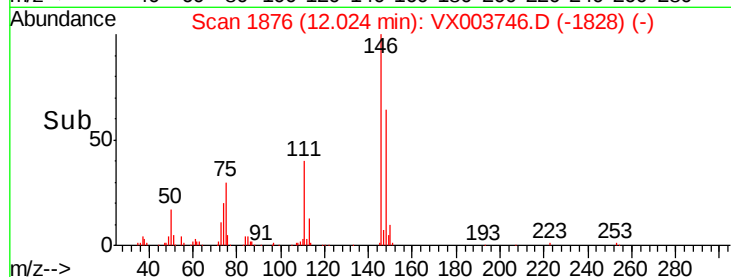
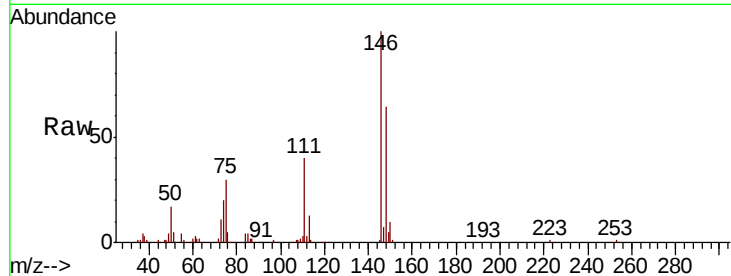
#87
 1,3-Dichlorobenzene
 Concen: 19.20 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Instrument :
 MSVOA_X
 ClientSampled :
 VX0731SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	65.0	31.9	95.9

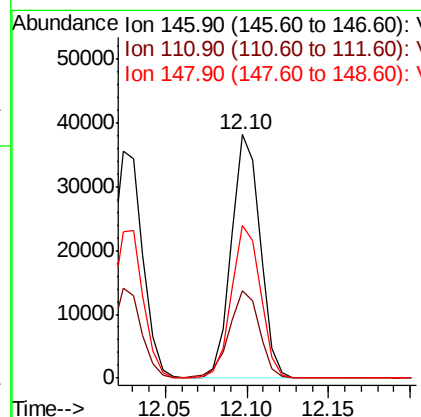
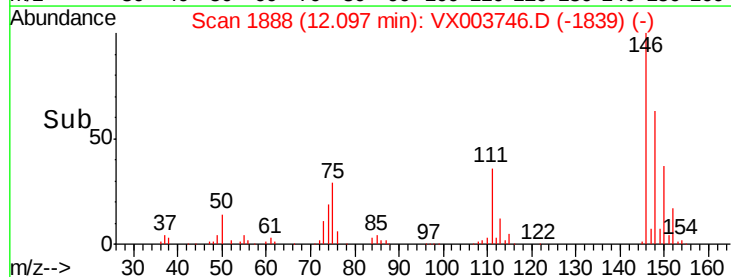
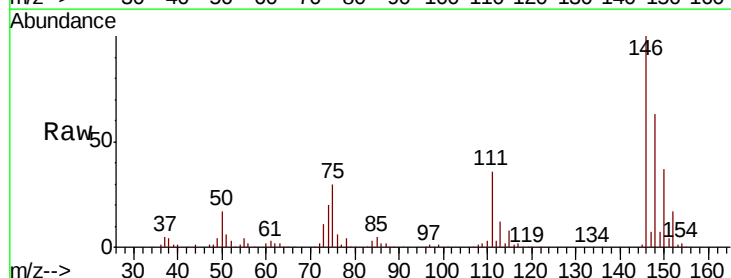
Manual Integrations
 APPROVED

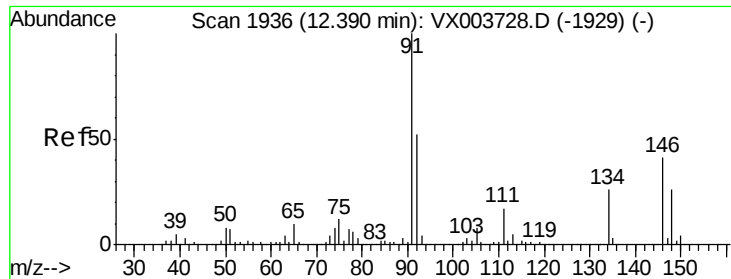
apatel
 8/1/2018 5:39:38 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.39 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.3	54.9
148	63.6	32.0	96.2





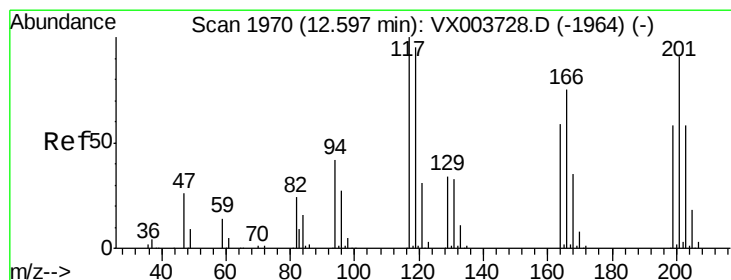
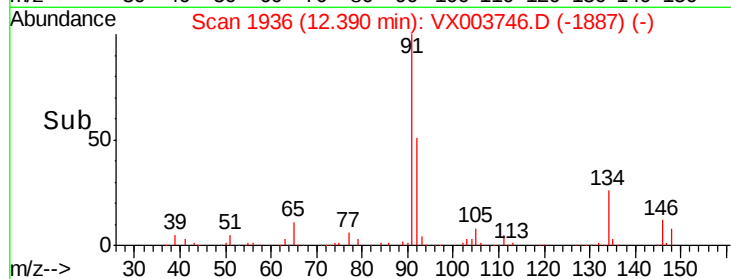
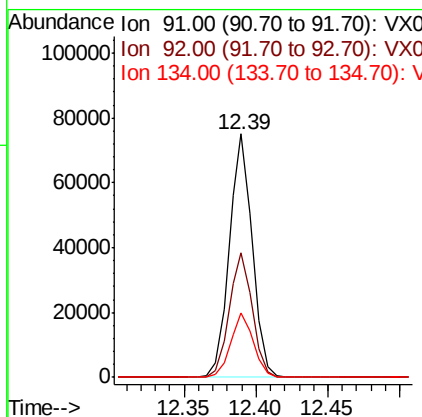
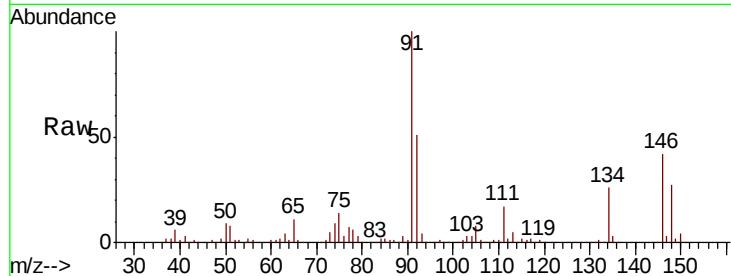
#89
n-Butylbenzene
Concen: 20.05 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Instrument :
MSVOA_X
ClientSampled :
VX0731SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.2	78.5
134	26.0	13.6	40.7

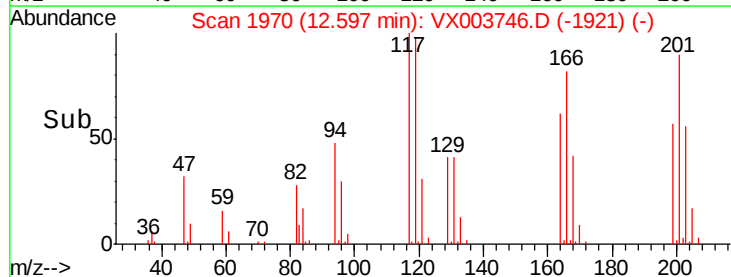
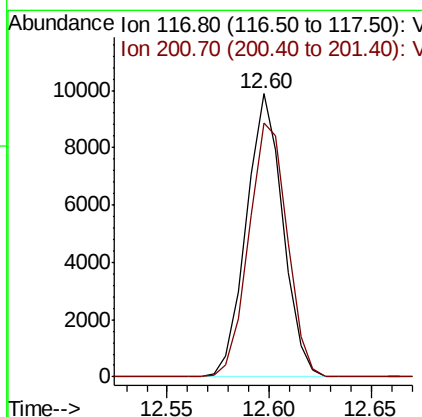
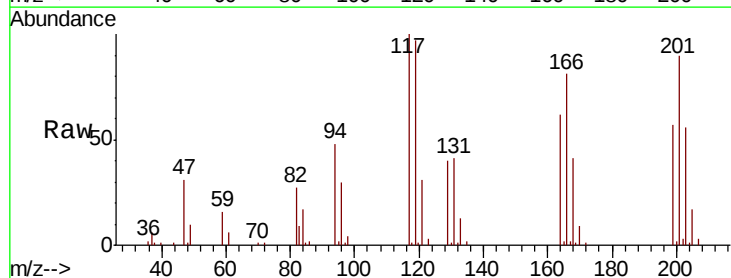
Manual Integrations
APPROVED

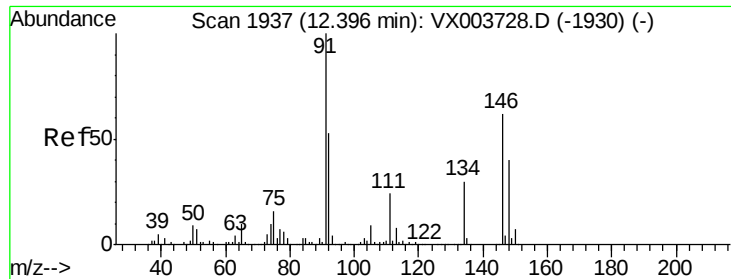
apatel
8/1/2018 5:39:38 PM



#90
Hexachloroethane
Concen: 18.85 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003746.D
Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.2	49.3	147.8





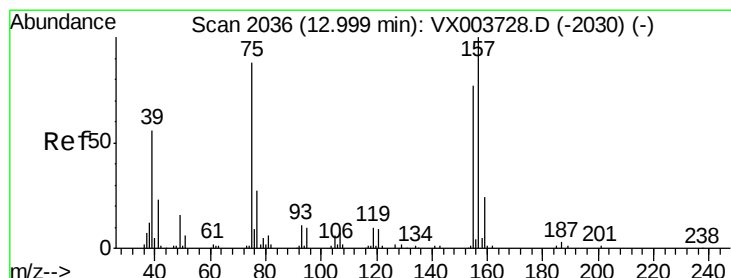
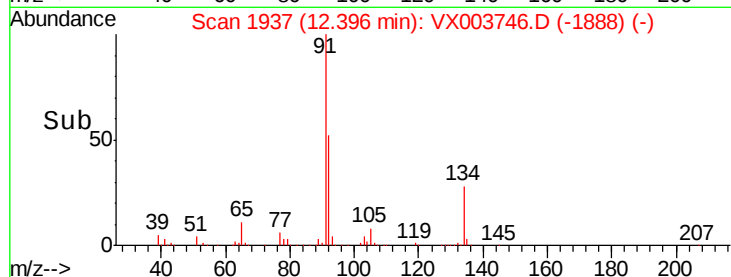
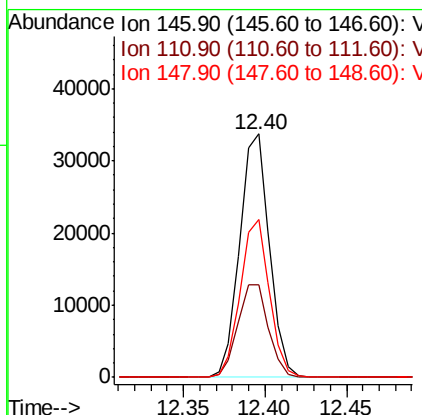
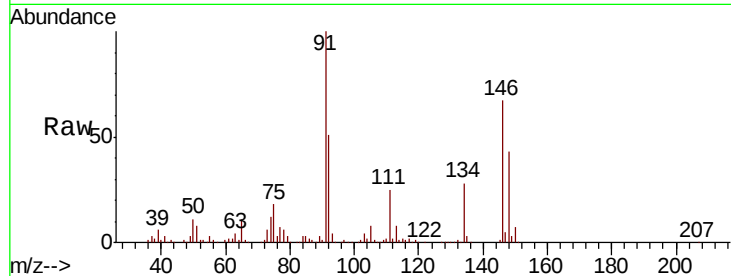
#91
 1,2-Dichlorobenzene
 Concen: 19.44 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.4
148	63.7	32.0	96.0

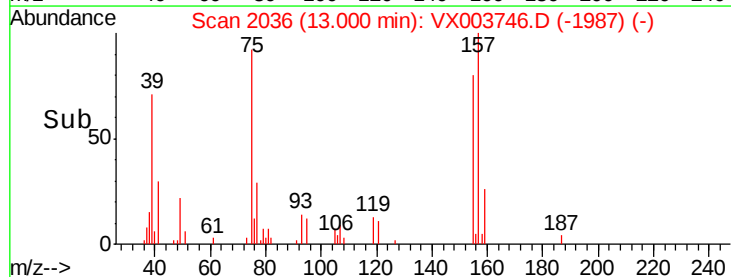
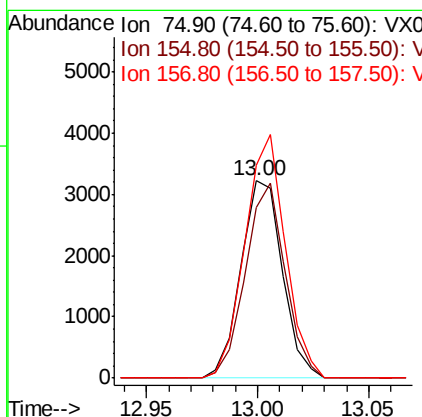
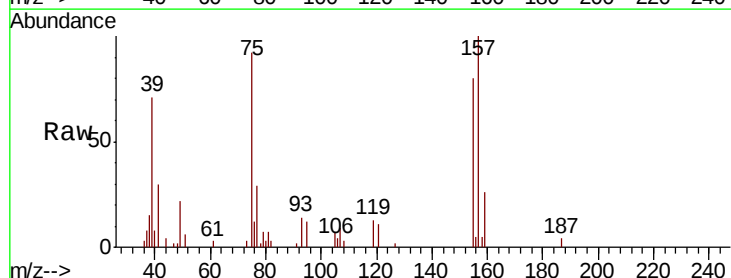
Manual Integrations
 APPROVED

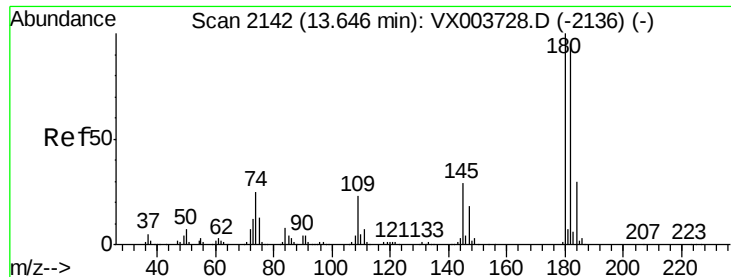
apatel
 8/1/2018 5:39:38 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.17 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	48.9	146.7
157	119.7	63.7	191.1





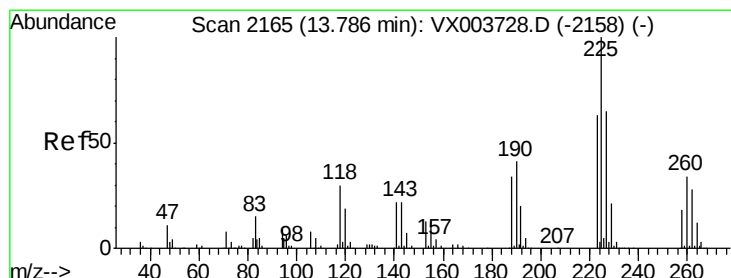
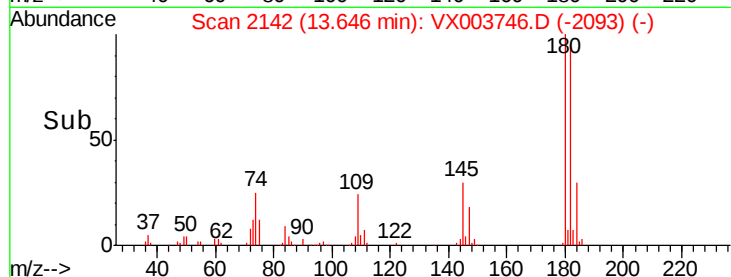
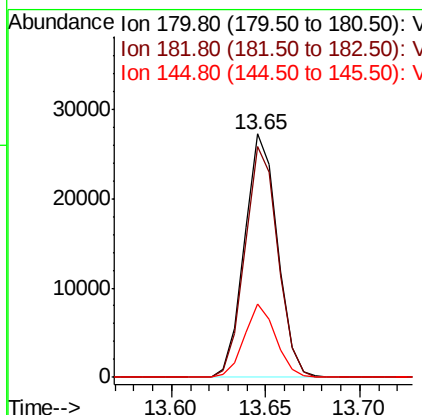
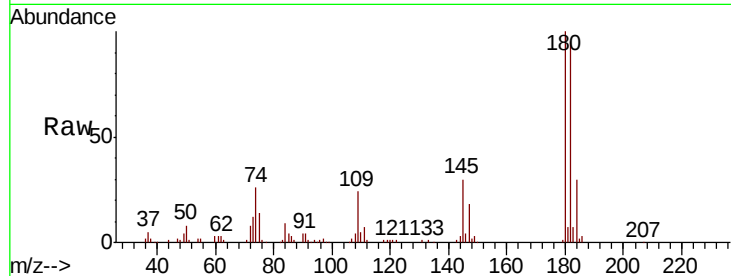
#93
 1,2,4-Trichlorobenzene
 Concen: 18.96 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.9
145	28.4	14.1	42.2

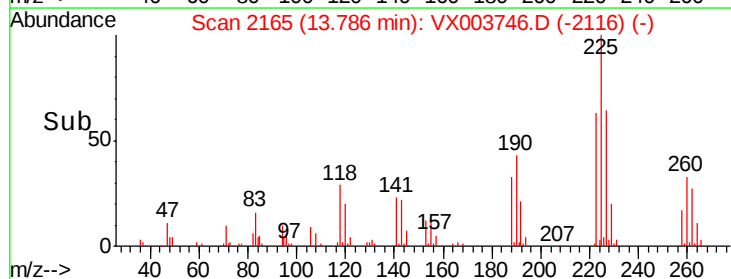
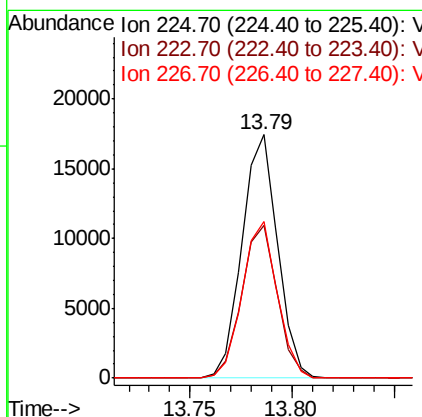
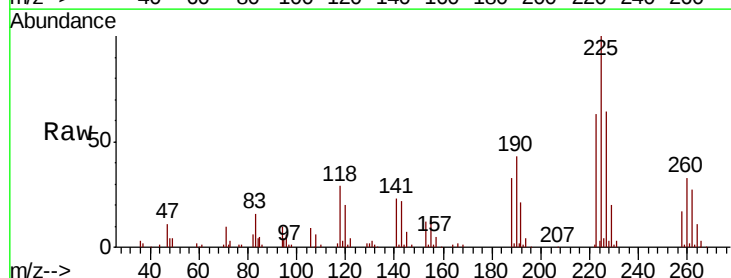
Manual Integrations
 APPROVED

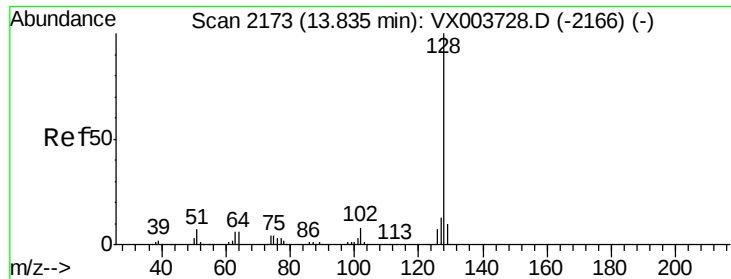
apatel
 8/1/2018 5:39:38 PM



#94
 Hexachlorobutadiene
 Concen: 18.93 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003746.D
 Acq: 31 Jul 2018 13:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.1	93.5
227	63.4	31.9	95.9





#95

Naphthalene

Concen: 18.74 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Instrument :

MSVOA_X

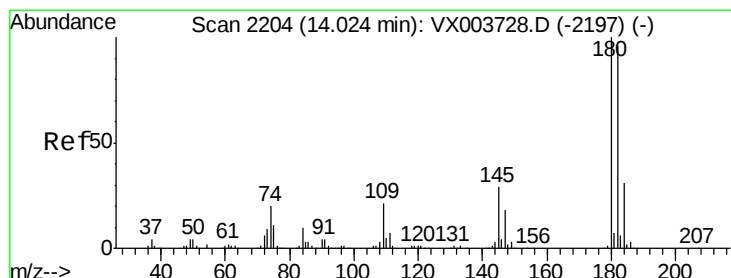
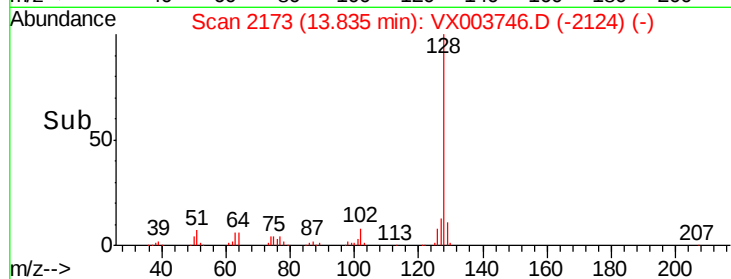
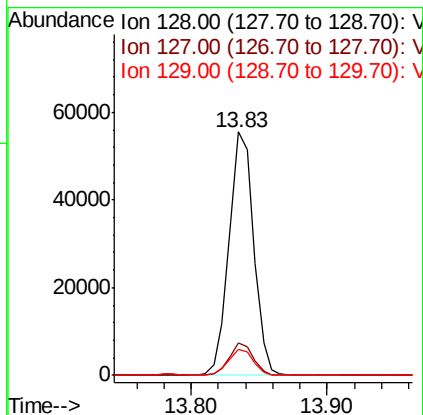
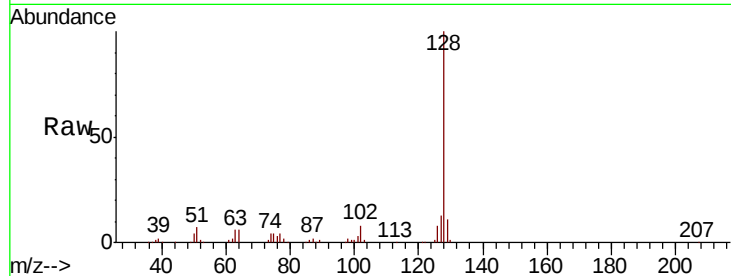
ClientSampleId :

VX0731SBS01

Tot Ion:	128	Resp:	69934
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
8/1/2018 5:39:38 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.07 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003746.D

Acq: 31 Jul 2018 13:38

Tgt Ion:	180	Resp:	30219
Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.9	143.8
145	29.2	14.7	44.1

