

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001620.D
 Acq On : 10 May 2018 23:55
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC050

Manual Integrations
 APPROVED

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 5/14/2018 3:57:32 PM

Quant Time: May 11 07:07:53 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 06:59:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	55871	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	289307	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	269490	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	120293	29.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.13%
60) 4-Bromofluorobenzene	11.15	95	129140	28.77	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.90%
63) Toluene-d8	8.72	98	355374	30.44	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.47%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	146022	41.74	ug/l	100
3) Chloromethane	1.32	50	154968	46.22	ug/l	98
4) Vinyl Chloride	1.40	62	164580	46.73	ug/l	99
5) Bromomethane	1.64	94	72444	28.12	ug/l	96
6) Chloroethane	1.72	64	107337	48.70	ug/l	93
7) Trichlorofluoromethane	1.93	101	237806	41.55	ug/l	99
8) Diethyl Ether	2.19	74	99476	47.98	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	132407	40.60	ug/l	99
10) 1,1-Dichloroethene	2.37	96	134806	44.85	ug/l	97
11) Methyl Iodide	2.51	142	206421	54.27	ug/l	99
12) Methyl Acetate	2.78	43	227083	54.76	ug/l	99
13) Acrolein	2.30	56	120472	250.42	ug/l	99
14) Acrylonitrile	3.15	53	456508	276.38	ug/l	99
15) Acetone	2.45	58	122180	246.06	ug/l	98
16) Carbon Disulfide	2.57	76	343142	43.63	ug/l	100
17) Allyl chloride	2.73	41	255408	47.46	ug/l	98
18) Methylene Chloride	2.86	84	155490	47.04	ug/l	95
19) trans-1,2-Dichloroethene	3.17	96	146659	45.34	ug/l	100
20) Diisopropyl ether	3.88	45	478738	45.64	ug/l	99
21) 1,1-Dichloroethane	3.70	63	272549	48.06	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	162236	45.06	ug/l	98
23) tert-Butyl Alcohol	3.09	59	202104	293.65	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	481962	46.40	ug/l	100
25) Chloroform	5.22	83	283288	46.05	ug/l	98
26) Cyclohexane	5.58	56	208311	41.64	ug/l #	99
29) 1,1-Dichloropropene	5.80	75	193171	45.67	ug/l	100
30) 2-Butanone	4.72	43	631386	278.43	ug/l	100
31) 2,2-Dichloropropane	4.59	77	165037	37.39	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	244285	47.38	ug/l	99
33) Carbon Tetrachloride	5.79	117	219047	47.10	ug/l	99
34) Benzene	6.15	78	607196	48.04	ug/l	98
35) Methacrylonitrile	5.07	41	134538	53.63	ug/l	96
36) 1,2-Dichloroethane	6.21	62	236460	48.24	ug/l	100
37) Trichloroethene	7.22	130	179988	47.07	ug/l	99
38) Methylcyclohexane	7.46	83	211985	43.32	ug/l	98
39) 1,2-Dichloropropane	7.52	63	151113	47.17	ug/l	98
40) Dibromomethane	7.67	93	108694	48.04	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	207313	48.54	ug/l	100
42) Vinyl Acetate	3.83	43	2080727	242.48	ug/l	99
43) Ethyl Acetate	4.87	43	237839	54.27	ug/l	98
44) Isopropyl Acetate	6.48	43	366376	50.48	ug/l	99
45) 1,4-Dioxane	7.76	88	87330	1236.98	ug/l	98
46) Methyl methacrylate	7.79	41	200662	52.64	ug/l	97
47) n-amyl Acetate	10.91	43	325659	47.57	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	233589	46.96	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	209215	44.61	ug/l	97
50) 1,1,2-Trichloroethane	9.23	97	160552	47.74	ug/l	98
51) Ethyl methacrylate	9.19	69	236489	49.41	ug/l	98
52) 1,3-Dichloropropane	9.38	76	265641	48.74	ug/l	98
53) Dibromochloromethane	9.59	129	172282	46.84	ug/l	99
54) 1,2-Dibromoethane	9.68	107	170844	47.30	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	638725	267.91	ug/l	100
56) Bromoform	10.87	173	142289	47.18	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	1263633	273.78	ug/l	99
59) 2-Hexanone	9.51	43	957161	267.94	ug/l	99
61) Tetrachloroethene	9.34	164	207884	50.54	ug/l	99
62) Toluene	8.79	91	669880	46.59	ug/l	99
64) Chlorobenzene	10.15	112	436869	45.13	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	167329	47.31	ug/l	99
66) Ethyl Benzene	10.26	91	716822	45.21	ug/l	98
67) m/p-Xylenes	10.37	106	576477	91.00	ug/l	98
68) o-Xylene	10.71	106	281123	45.98	ug/l	99
69) Styrene	10.72	104	473919	46.56	ug/l	98
70) Isopropylbenzene	11.02	105	735910	44.53	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	231598	46.71	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	225614m	50.46	ug/l	
73) Bromobenzene	11.26	156	215679	44.67	ug/l	99
74) n-propylbenzene	11.37	91	814269	43.73	ug/l	99
75) 2-Chlorotoluene	11.43	91	500004	44.16	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	620689	44.08	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	60639	46.04	ug/l	93
78) 4-Chlorotoluene	11.52	91	576438	43.12	ug/l	100
79) tert-butylbenzene	12.07	119	665296	44.22	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	639720	44.75	ug/l	100
81) sec-Butylbenzene	11.95	105	724086	44.35	ug/l	100
82) p-Isopropyltoluene	12.07	119	665296	44.22	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	381408	43.63	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	385853	43.48	ug/l	98
85) n-Butylbenzene	12.40	91	533431	41.55	ug/l	99
86) Hexachloroethane	12.60	117	102910	44.45	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	391399	44.74	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	57533	54.40	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	286413	43.88	ug/l	100
90) Hexachlorobutadiene	13.79	225	144663	46.19	ug/l	97
91) Naphthalene	13.84	128	877055	50.47	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	300936	46.00	ug/l	100

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VSTDICC050

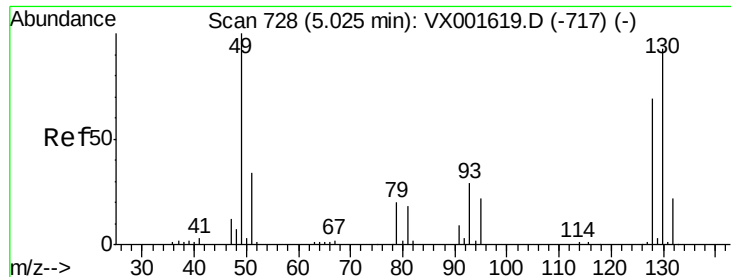
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

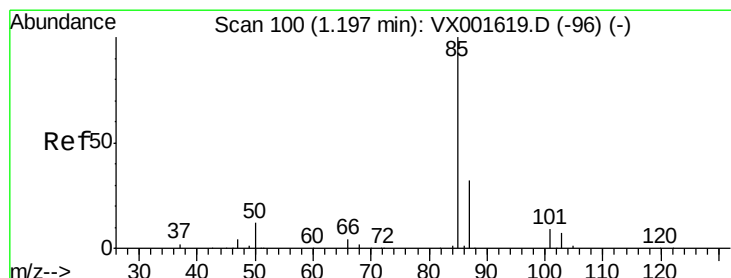
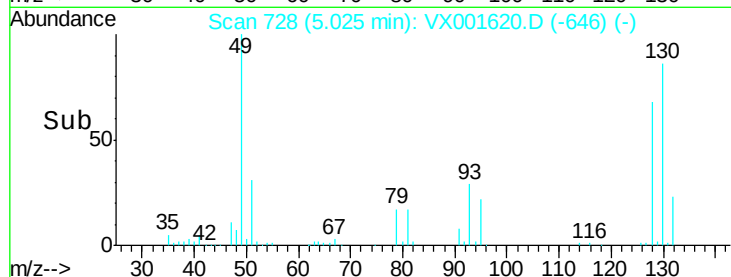
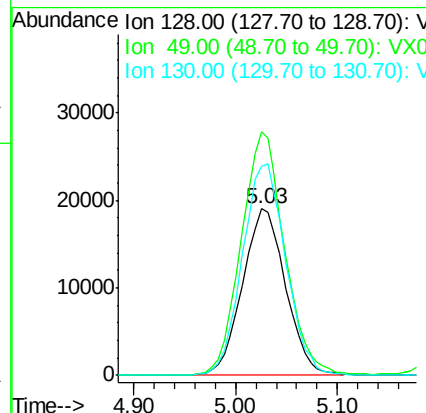
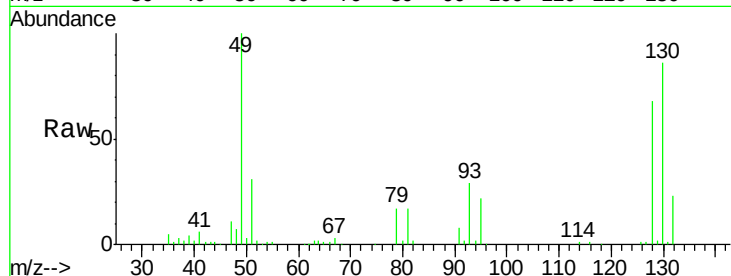
ClientSampleId :

VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
49	147.4	0.0	372.0
130	128.1	0.0	326.5

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#2

Dichlorodifluoromethane

Concen: 41.74 ug/l

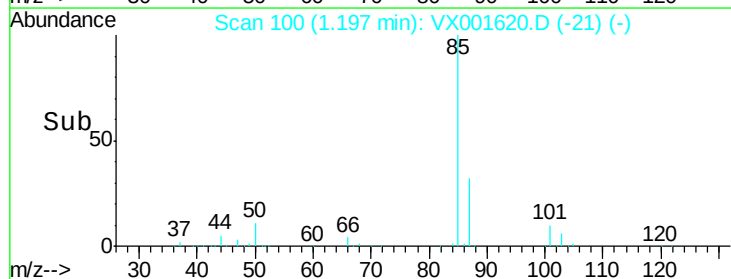
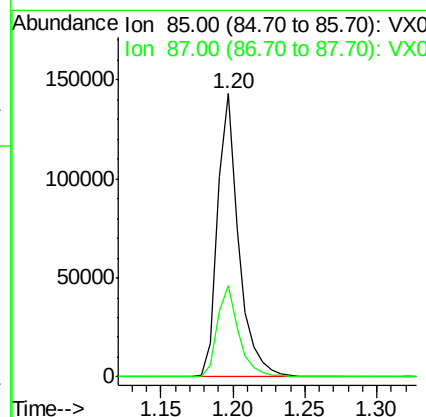
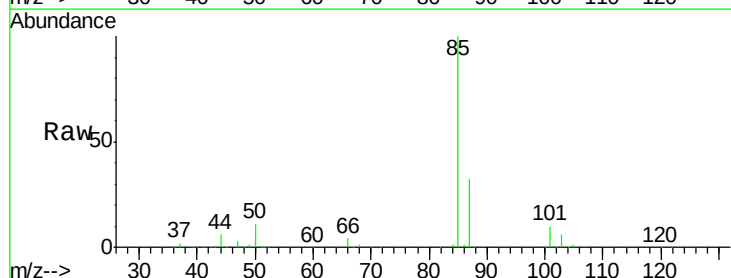
RT: 1.20 min Scan# 100

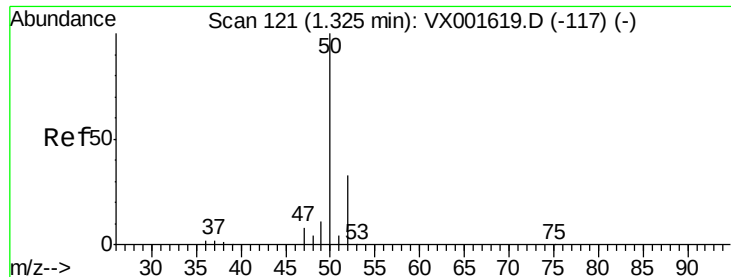
Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.3	48.8





#3

Chloromethane

Concen: 46.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 154968

Ion Ratio Lower Upper

50 100

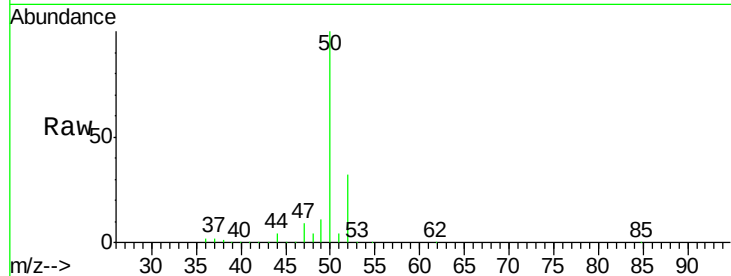
52 31.6 26.4 39.6

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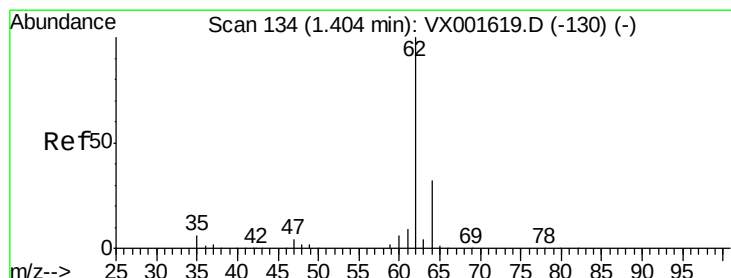
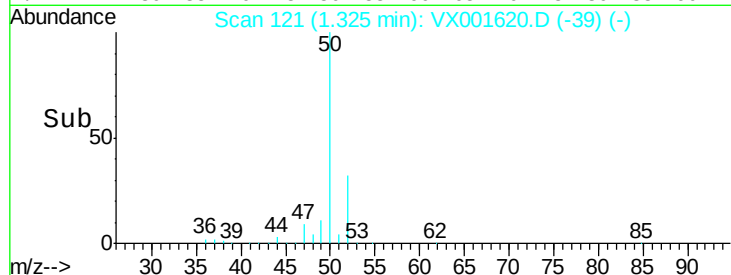
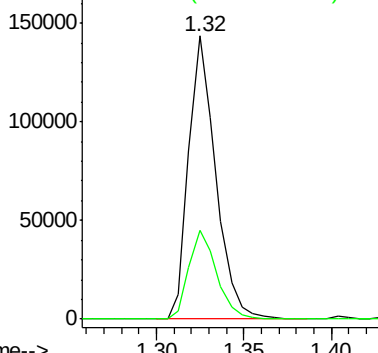
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 46.73 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001620.D

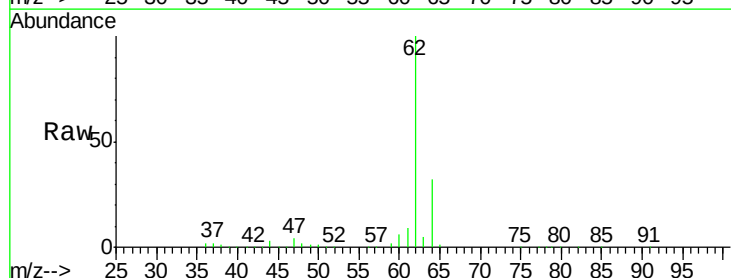
Acq: 10 May 2018 23:55

Tgt Ion: 62 Resp: 164580

Ion Ratio Lower Upper

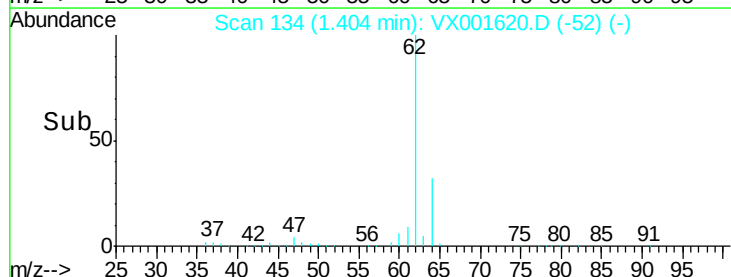
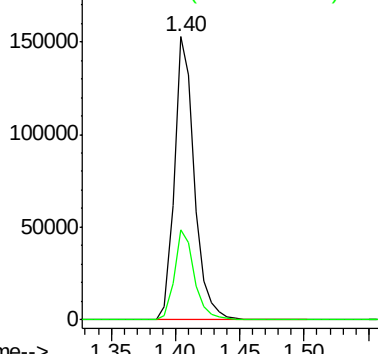
62 100

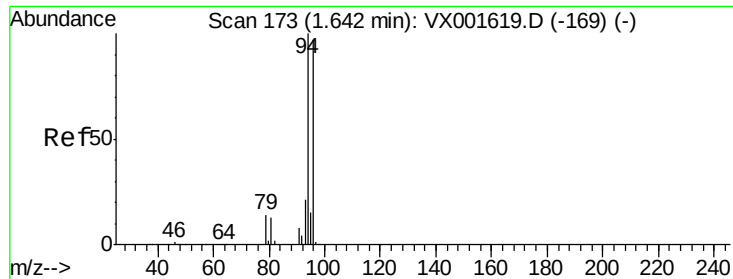
64 31.8 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 28.12 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 72444

Ion Ratio Lower Upper

94 100

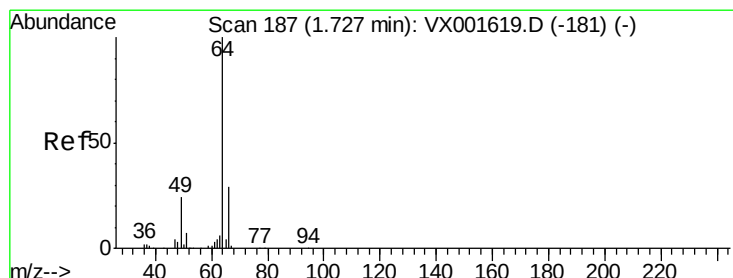
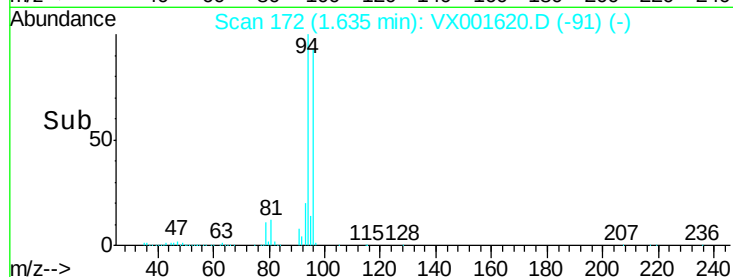
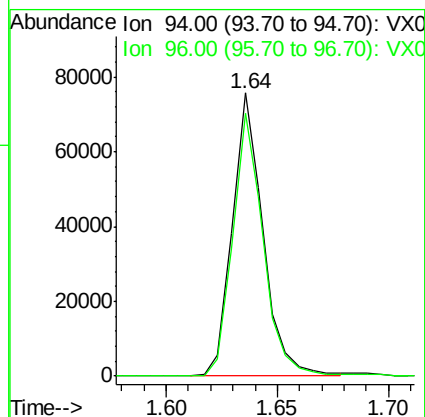
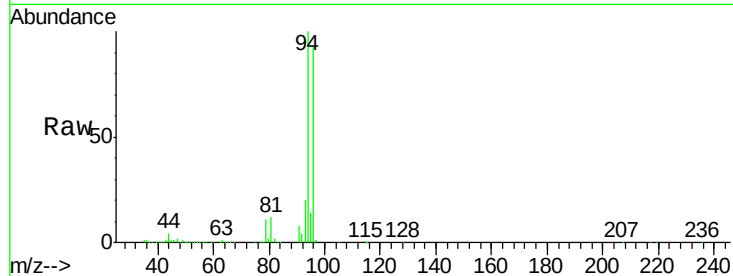
96 93.1 77.8 116.8

Manual Integrations

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#6

Chloroethane

Concen: 48.70 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX001620.D

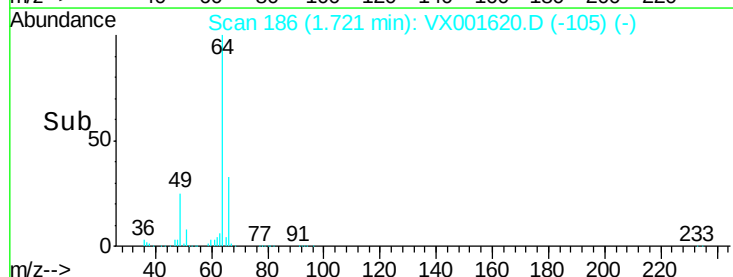
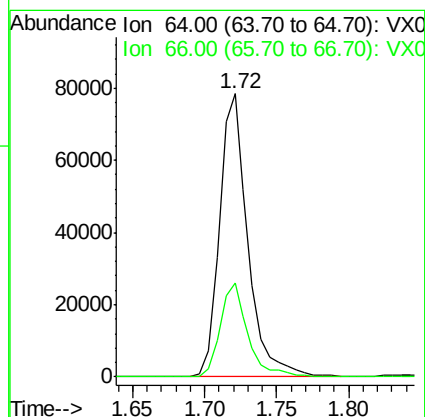
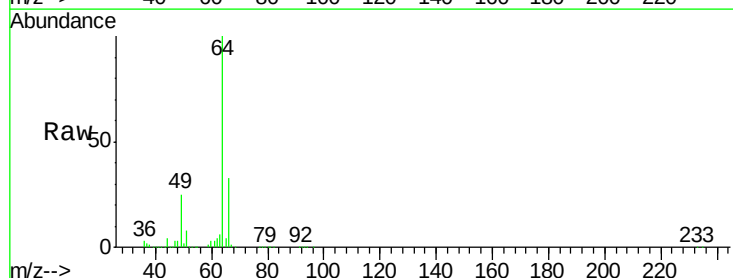
Acq: 10 May 2018 23:55

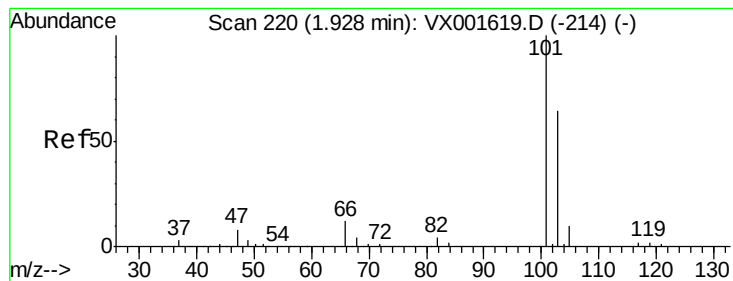
Tgt Ion: 64 Resp: 107337

Ion Ratio Lower Upper

64 100

66 33.2 23.4 35.2





#7

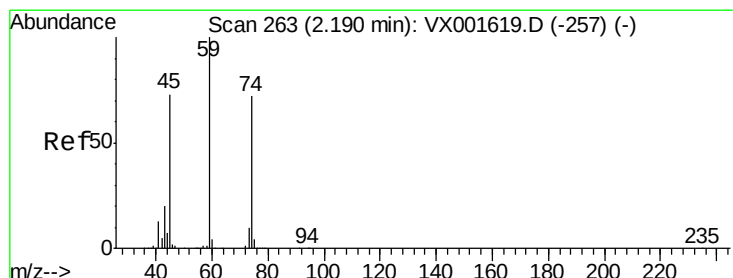
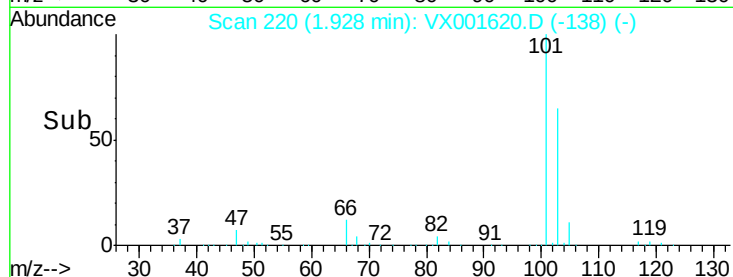
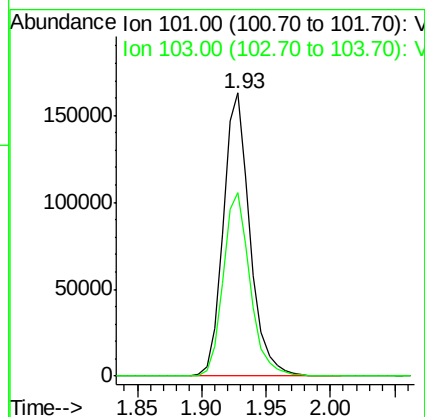
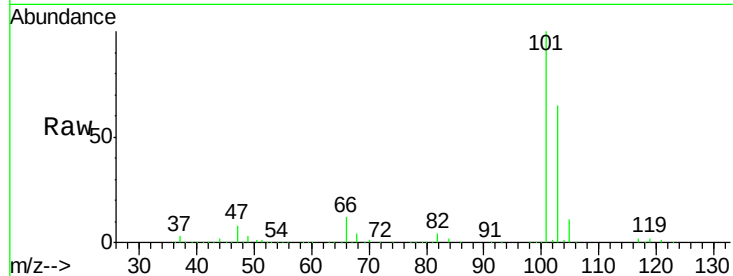
Trichlorofluoromethane
Concen: 41.55 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:101 Resp: 237806
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

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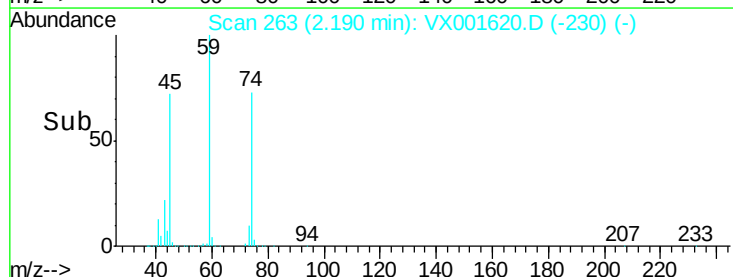
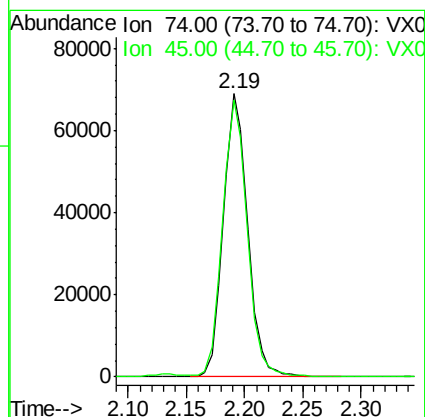
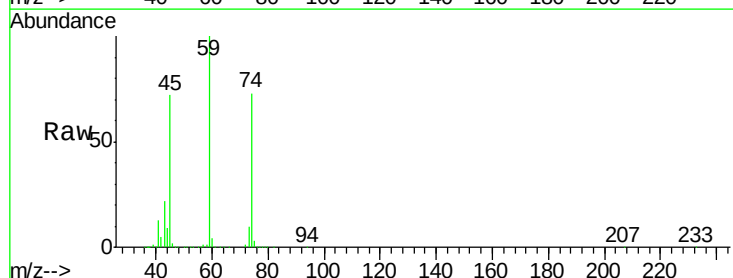
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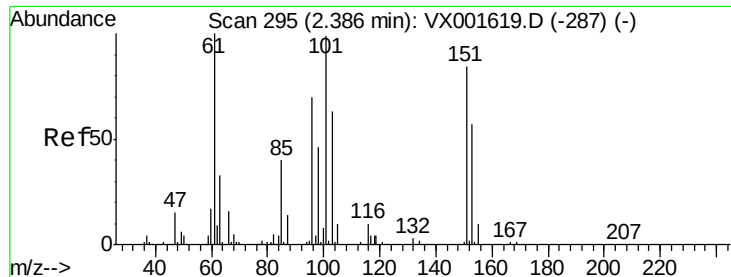


#8

Diethyl Ether
Concen: 47.98 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tgt Ion: 74 Resp: 99476
Ion Ratio Lower Upper
74 100
45 98.4 19.4 174.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.60 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

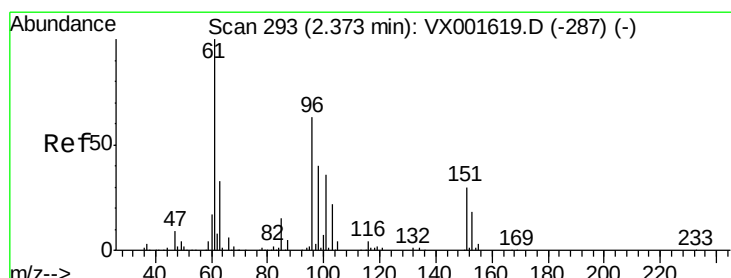
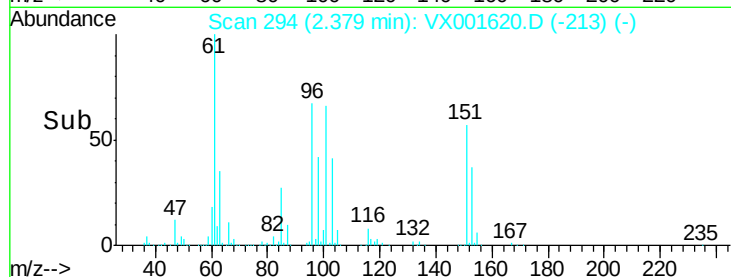
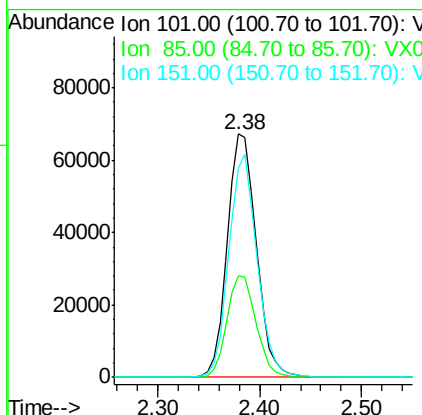
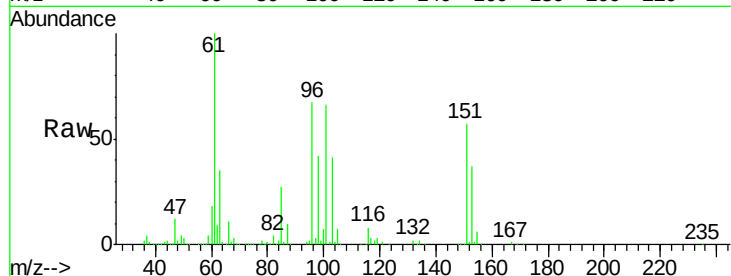
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	132407
Ion Ratio	Lower	Upper	
101	100		
85	42.0	0.0	84.0
151	89.1	0.0	176.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 44.85 ug/l

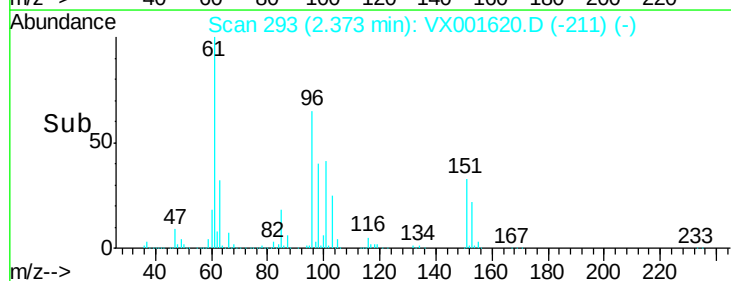
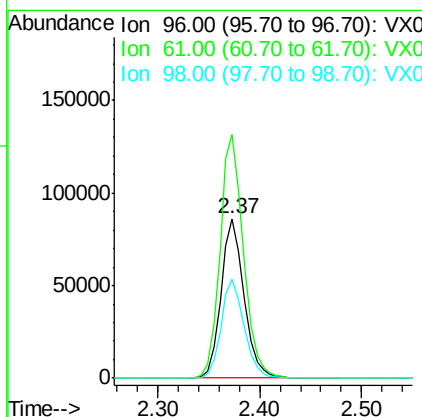
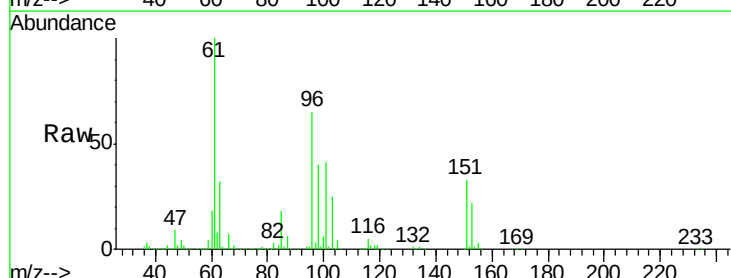
RT: 2.37 min Scan# 293

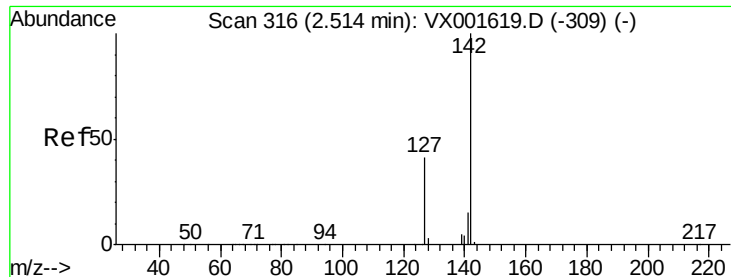
Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Tgt Ion:	96	Resp:	134806
Ion Ratio	Lower	Upper	
96	100		
61	152.9	126.5	189.7
98	61.8	50.6	75.8





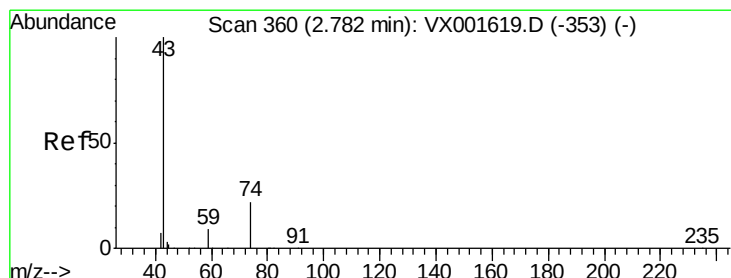
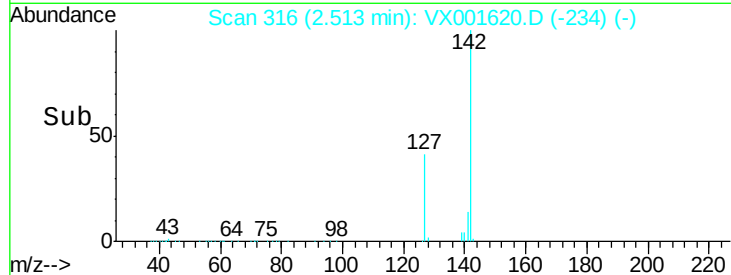
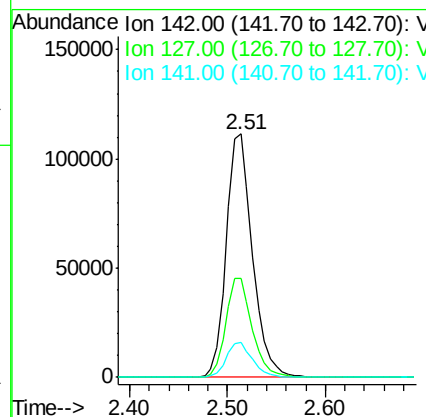
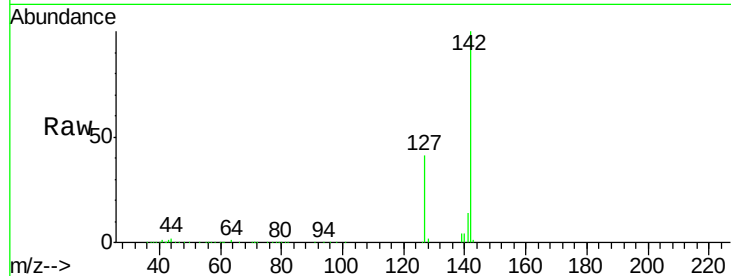
#11
Methvl Iodide
Concen: 54.27 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.6	20.7	62.1
141	14.2	7.4	22.3

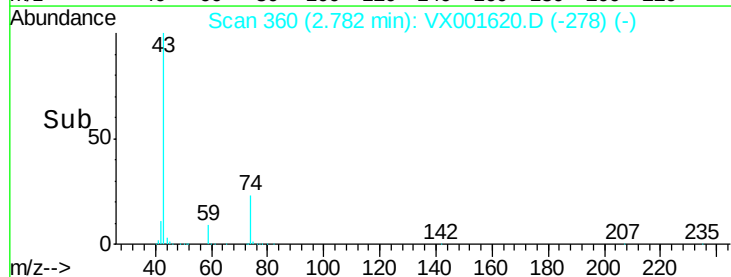
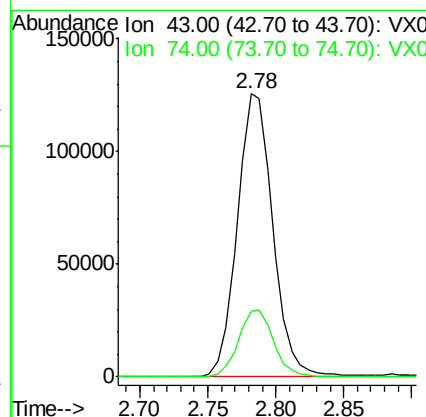
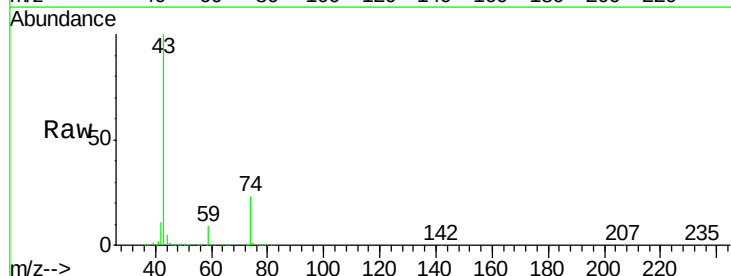
Manual Integrations
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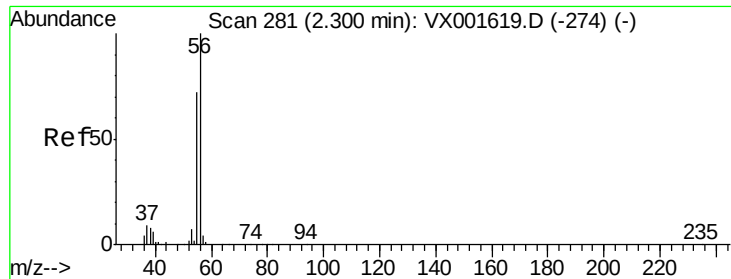
apatel
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#12
Methyl Acetate
Concen: 54.76 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.0	27.0





#13

Acrolein

Concen: 250.42 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 120472

Ion Ratio Lower Upper

56 100

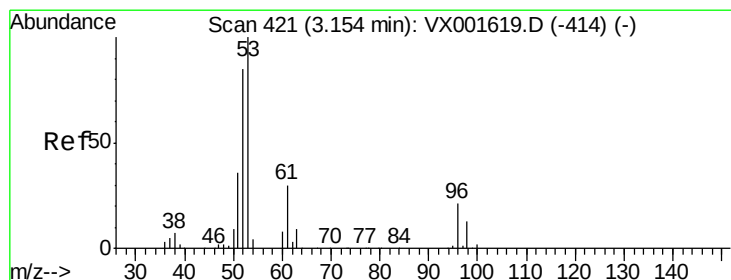
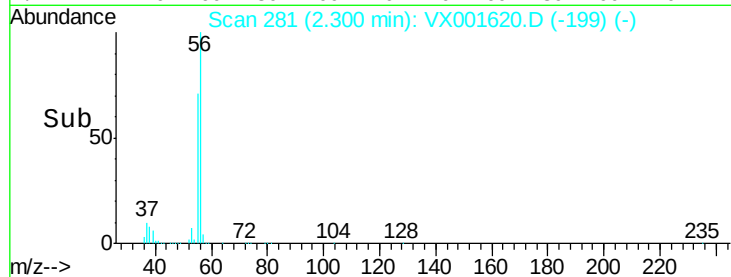
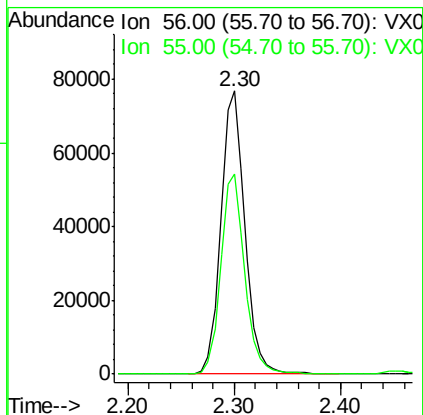
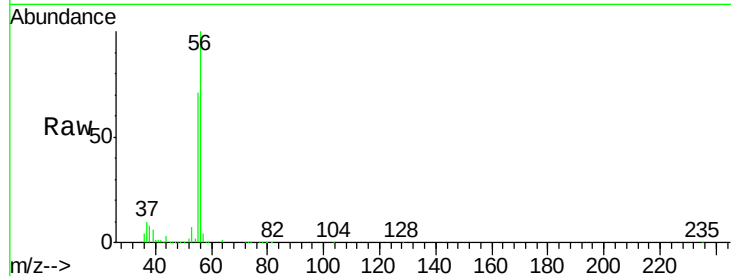
55 70.1 56.9 85.3

Manual Integrations

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#14

Acrylonitrile

Concen: 276.38 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

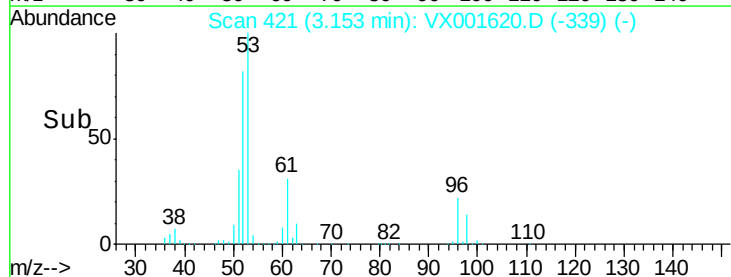
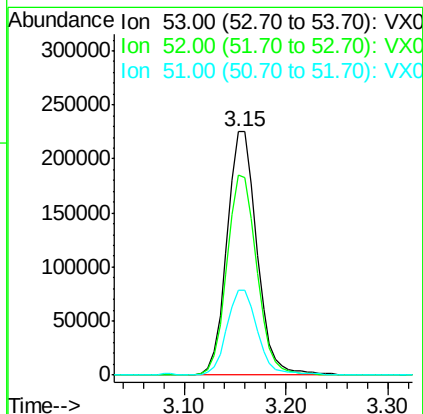
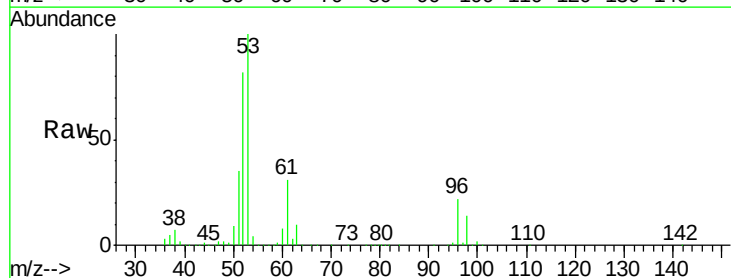
Tgt Ion: 53 Resp: 456508

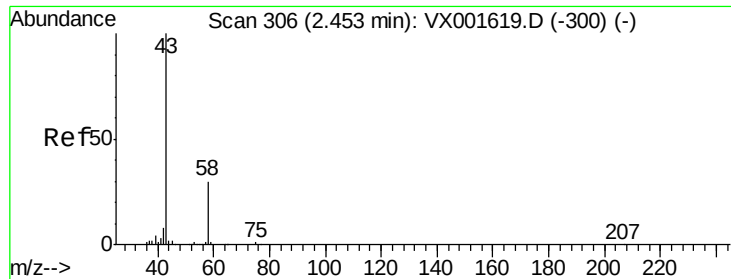
Ion Ratio Lower Upper

53 100

52 81.6 41.3 123.9

51 36.1 18.1 54.3





#15

Acetone

Concen: 246.06 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 58 Resp: 122180

Ion Ratio Lower Upper

58 100

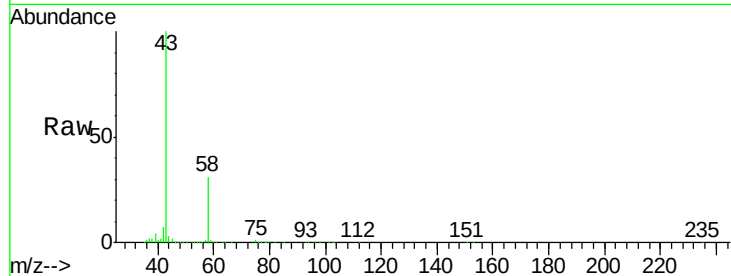
43 325.4 264.2 396.2

Manual Integrations

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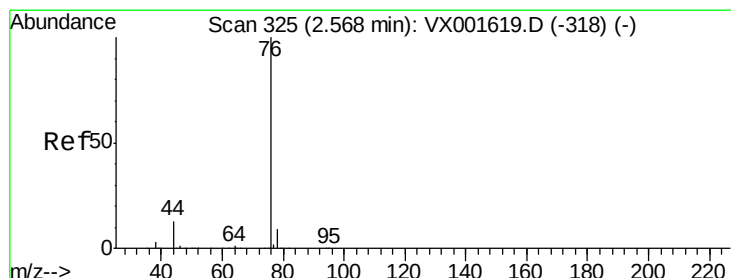
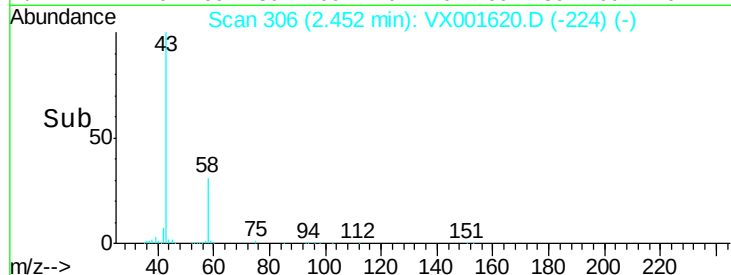
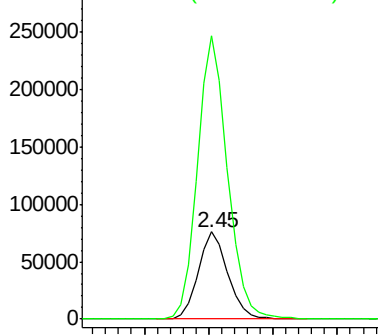
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 43.63 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001620.D

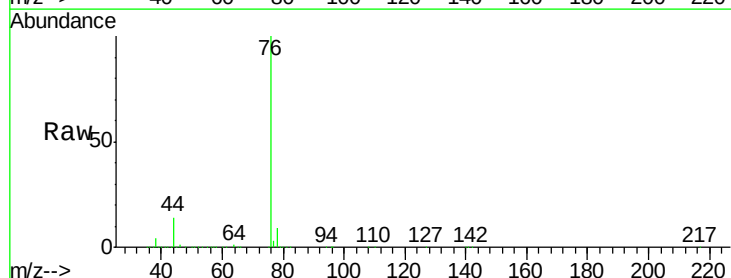
Acq: 10 May 2018 23:55

Tgt Ion: 76 Resp: 343142

Ion Ratio Lower Upper

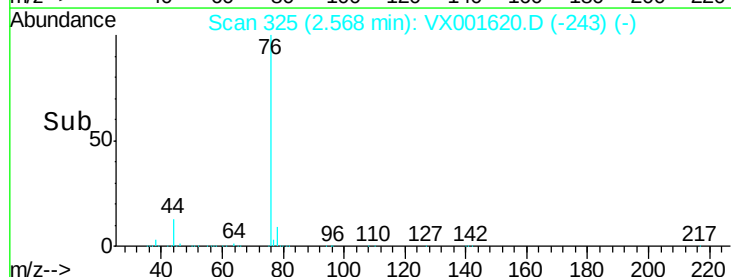
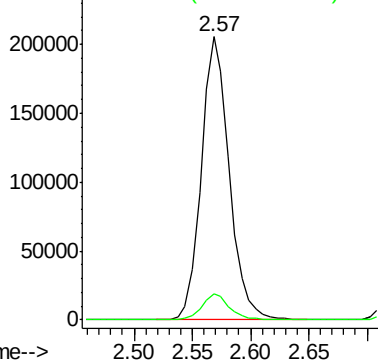
76 100

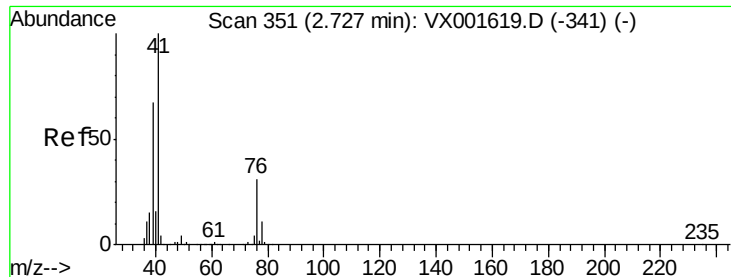
78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





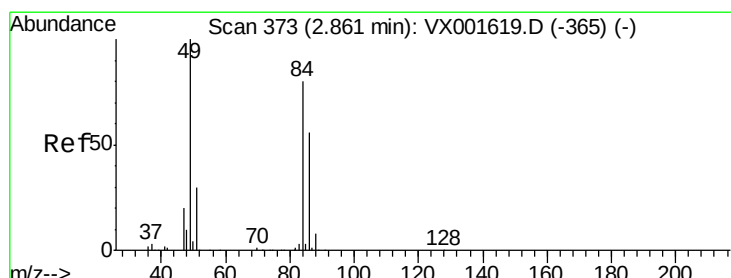
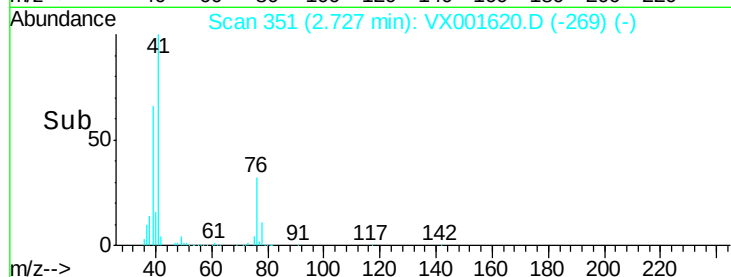
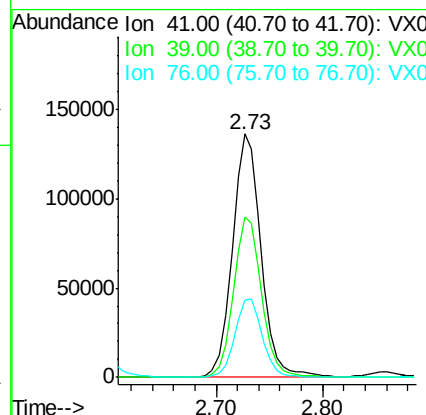
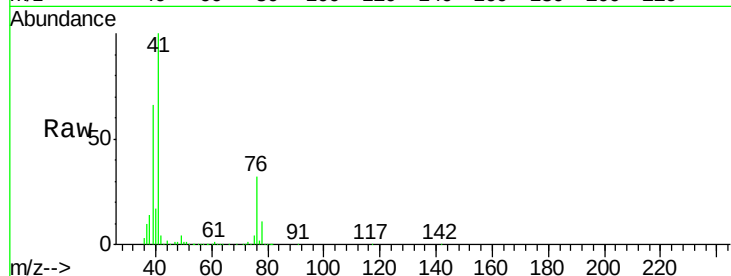
#17
Allvl chloride
Concen: 47.46 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
41	100	255408		
39	65.6		33.7	101.1
76	31.6		15.4	46.4

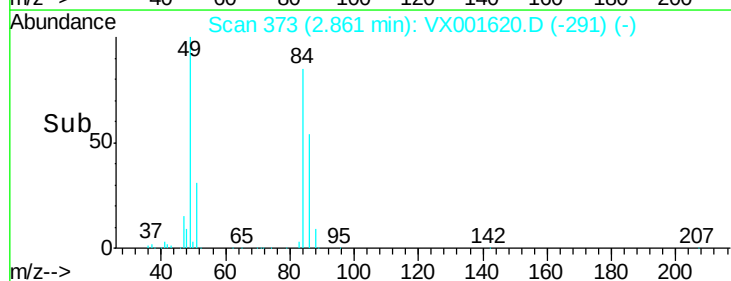
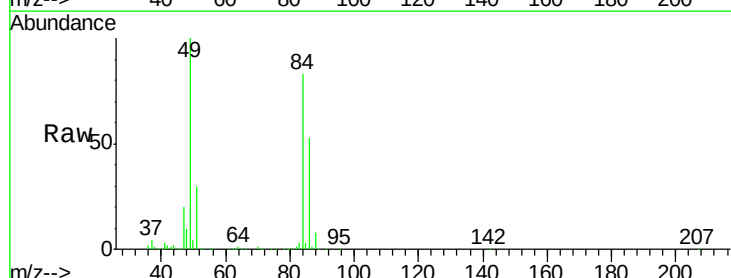
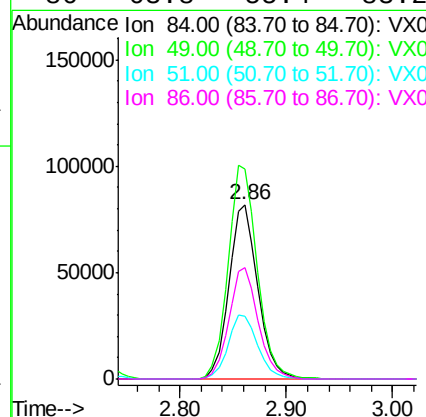
Manual Integrations
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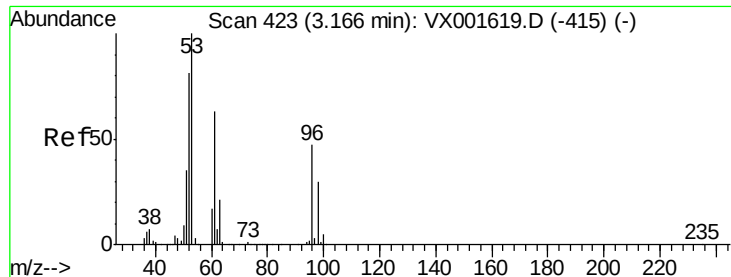
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#18
Methylene Chloride
Concen: 47.04 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	155490		
49	120.0		99.5	149.3
51	36.1		30.1	45.1
86	63.8		55.4	83.2





#19

trans-1,2-Dichloroethene

Concen: 45.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

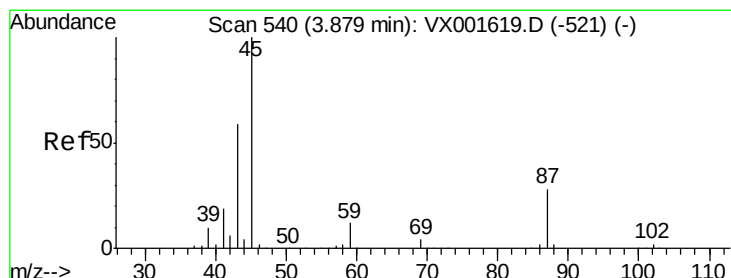
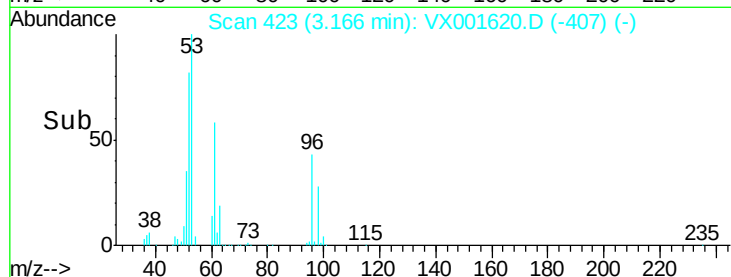
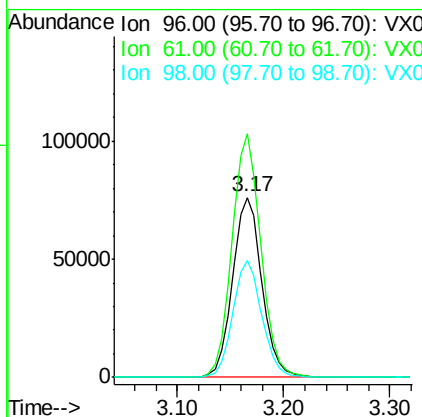
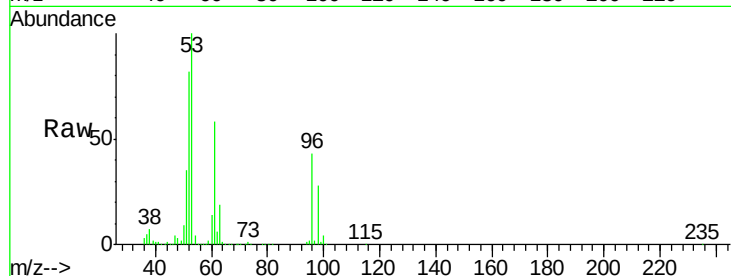
ClientSampled :

VSTDIC050

Tot Ion:	96	Resp:	146659
Ion	Ratio	Lower	Upper
96	100		
61	135.0	107.7	161.5
98	64.8	51.6	77.4

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#20

Diisopropyl ether

Concen: 45.64 ug/l

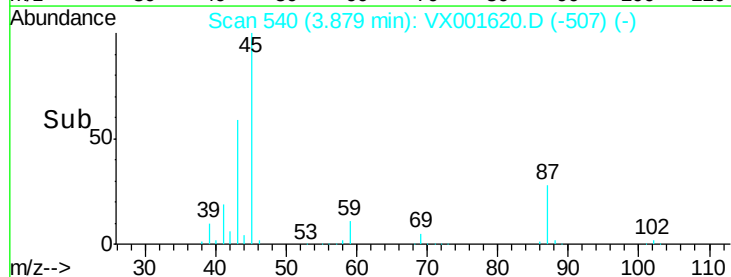
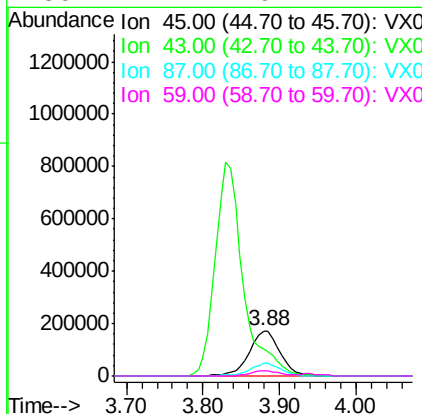
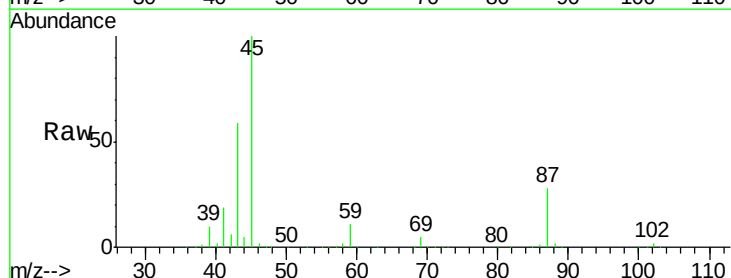
RT: 3.88 min Scan# 540

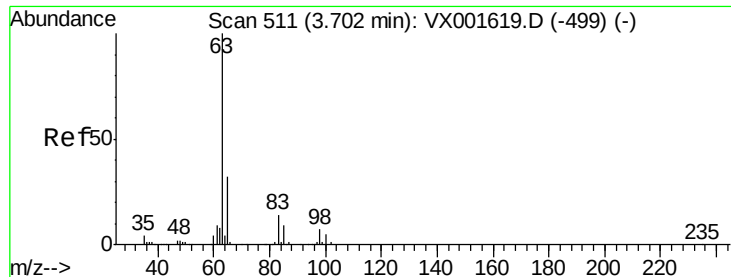
Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Tgt Ion:	45	Resp:	478738
Ion	Ratio	Lower	Upper
45	100		
43	58.7	47.5	71.3
87	28.5	22.2	33.4
59	11.2	9.4	14.2





#21

1,1-Dichloroethane

Concen: 48.06 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

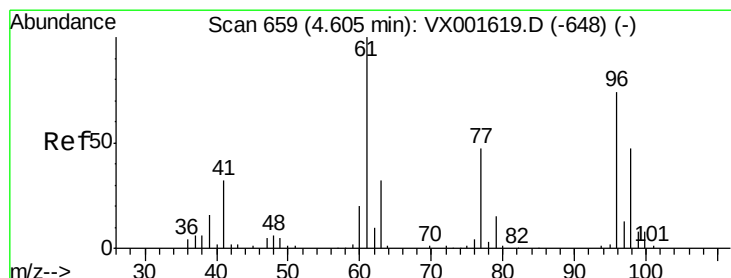
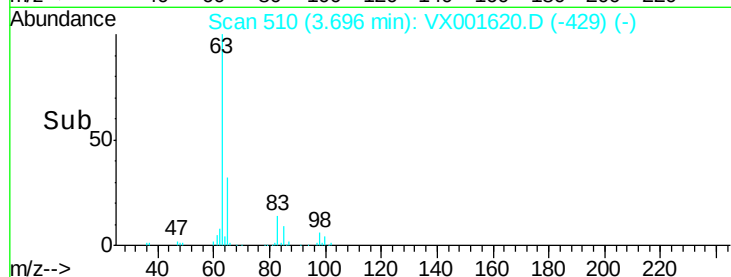
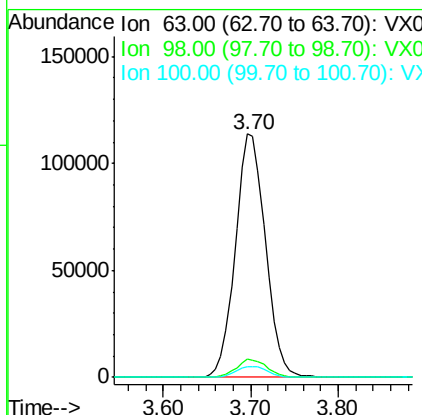
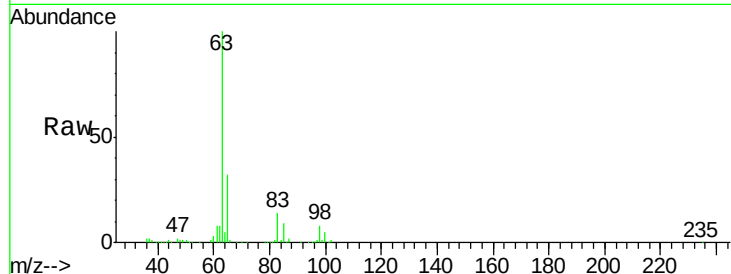
ClientSampleId :

VSTDIC050

Tot Ion:	63	Resp:	272549
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.5	10.5
100	4.6	2.5	7.4

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 45.06 ug/l

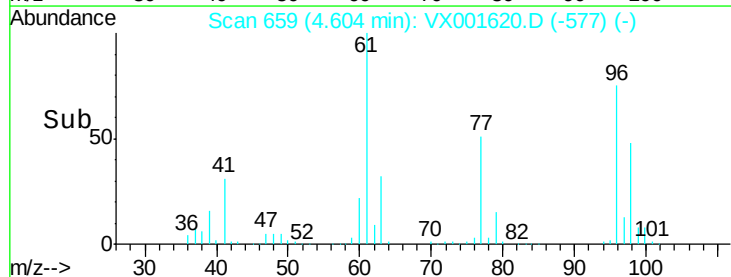
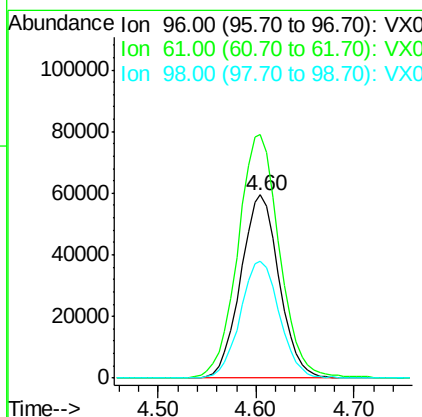
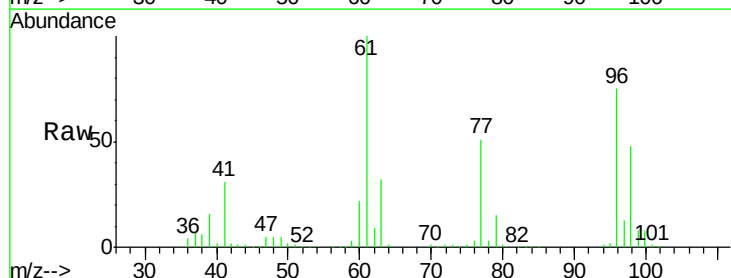
RT: 4.60 min Scan# 659

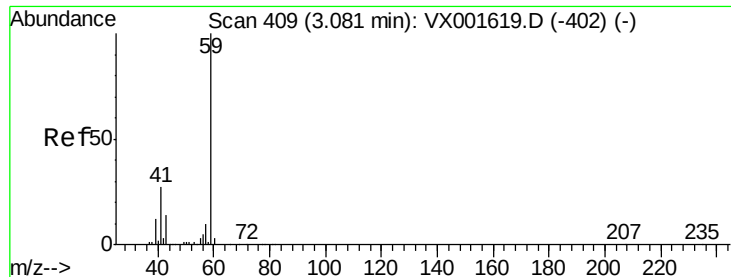
Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Tgt Ion:	96	Resp:	162236
Ion	Ratio	Lower	Upper
96	100		
61	143.8	117.3	175.9
98	65.0	51.2	76.8





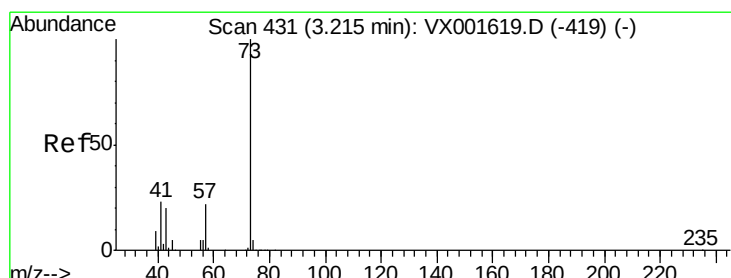
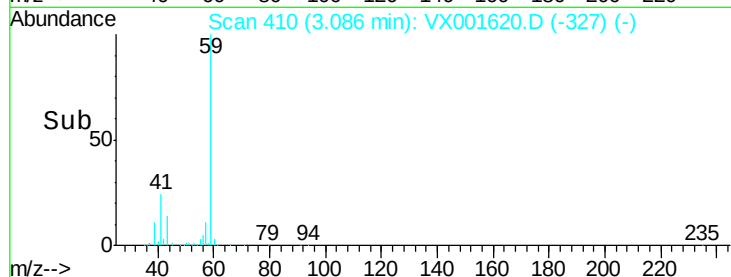
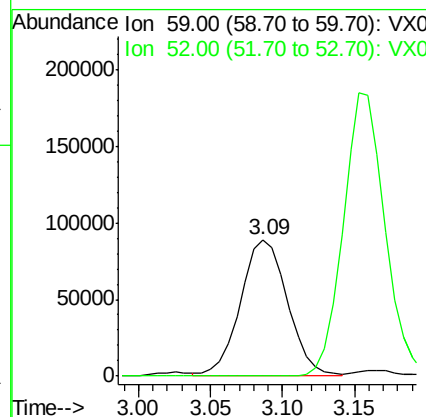
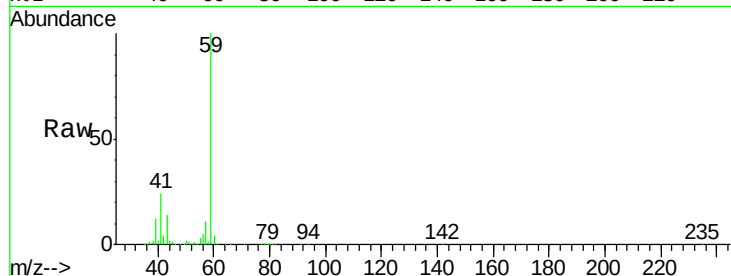
#23
 tert-Butyl Alcohol
 Concen: 293.65 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion: 59 Resp: 202104
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

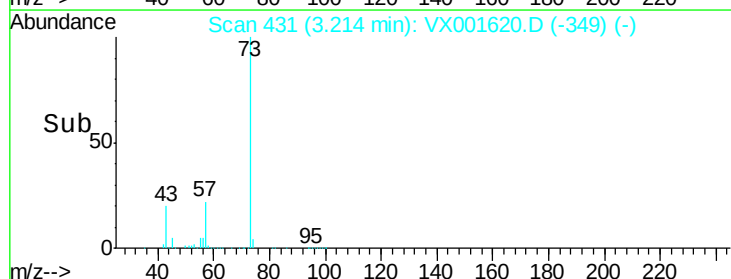
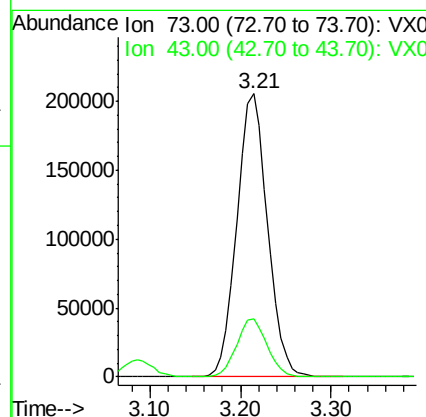
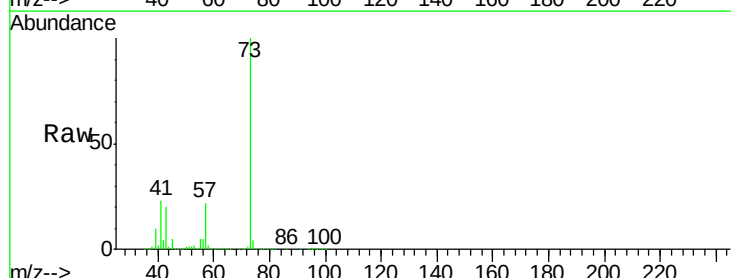
Manual Integrations
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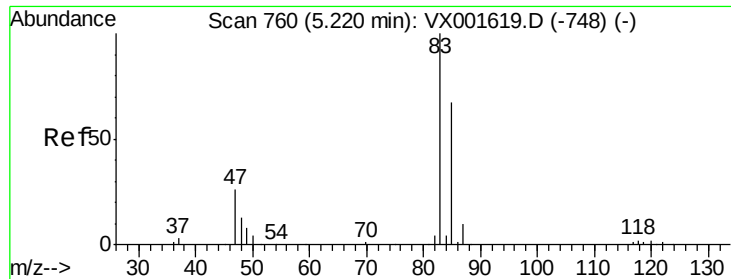
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#24
 Methyl tert-Butyl Ether
 Concen: 46.40 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Tgt Ion: 73 Resp: 481962
 Ion Ratio Lower Upper
 73 100
 43 20.4 16.3 24.5





#25

Chloroform

Concen: 46.05 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

Tot Ion: 83 Resp: 283288

Ion Ratio Lower Upper

83 100

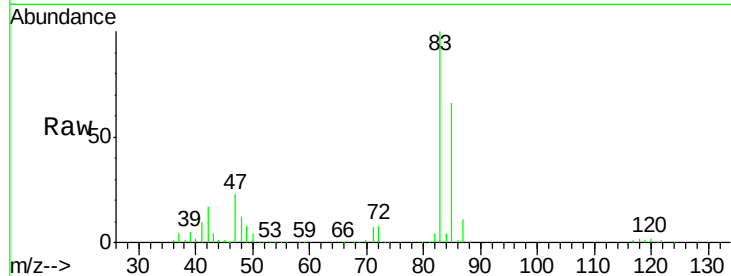
85 65.9 53.9 80.9

Manual Integrations

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.22

100000

80000

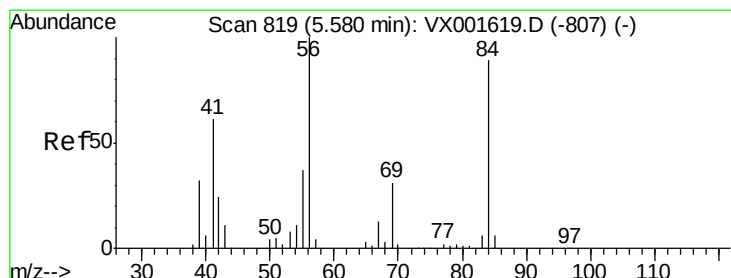
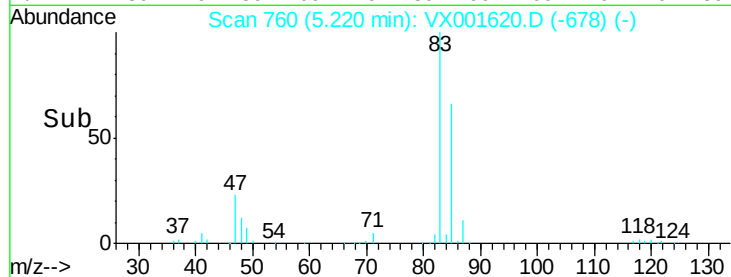
60000

40000

20000

0

Time-->



#26

Cyclohexane

Concen: 41.64 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

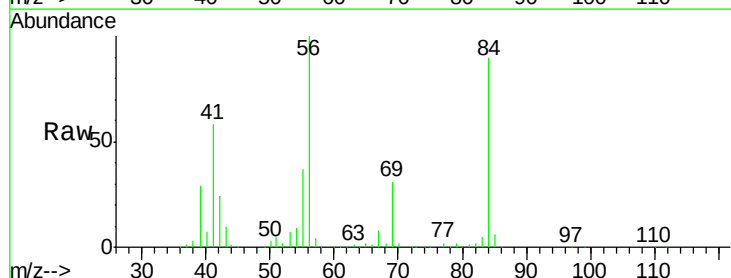
Tgt Ion: 56 Resp: 208311

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.8 72.2 108.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

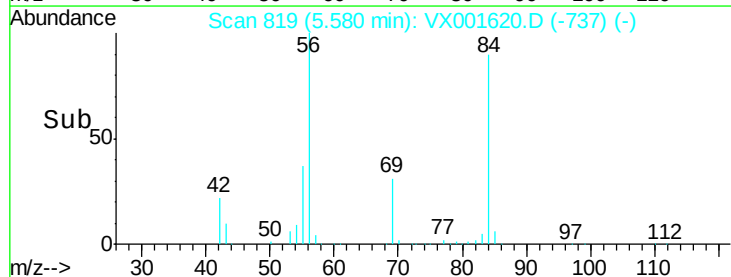
5.58

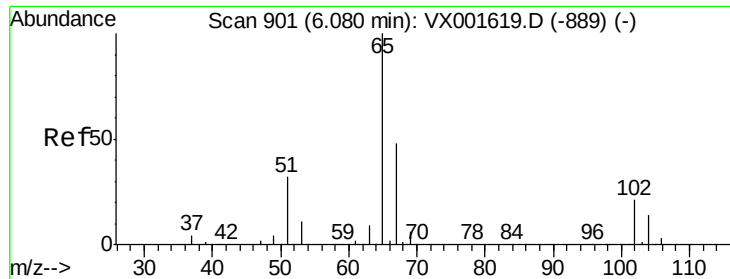
100000

50000

0

Time-->





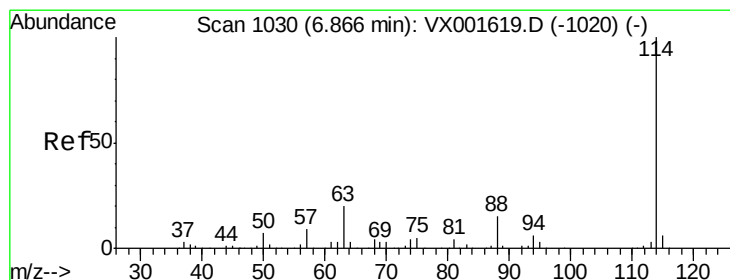
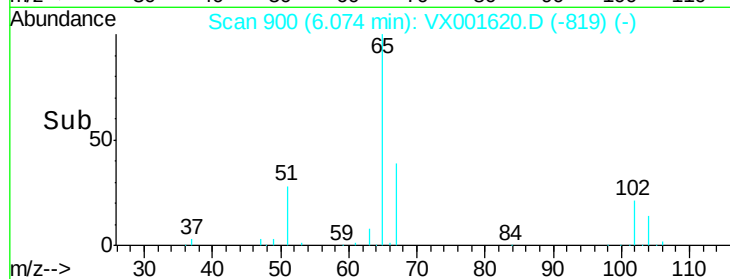
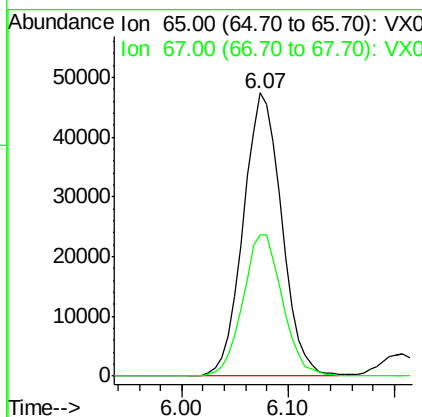
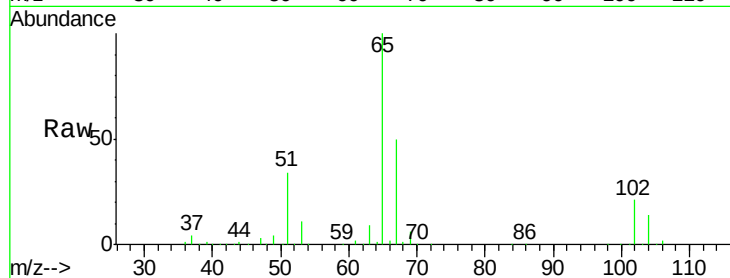
#27
 1,2-Dichloroethane-d4
 Concen: 29.74 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	40.2	60.2

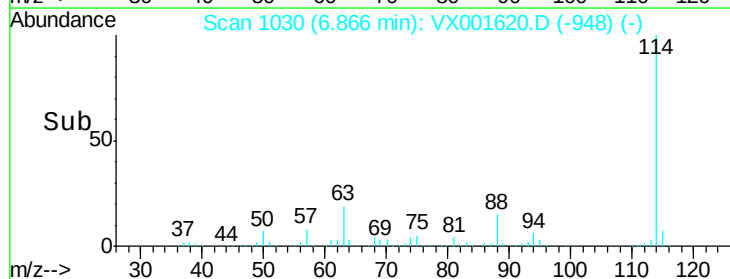
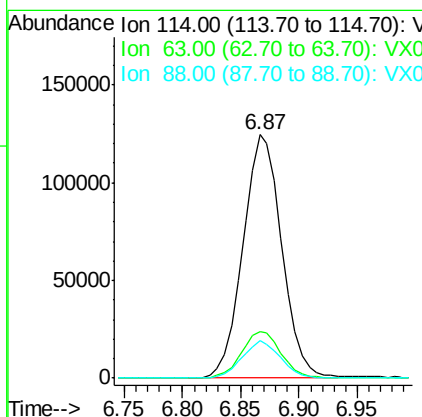
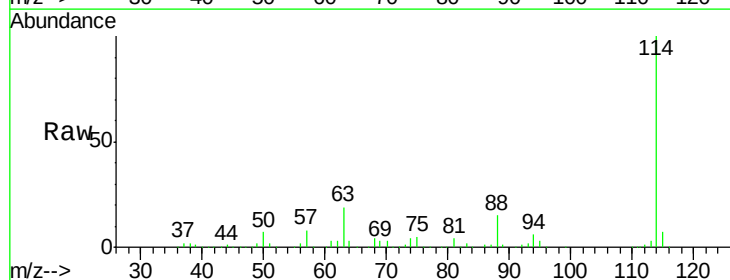
Manual Integrations
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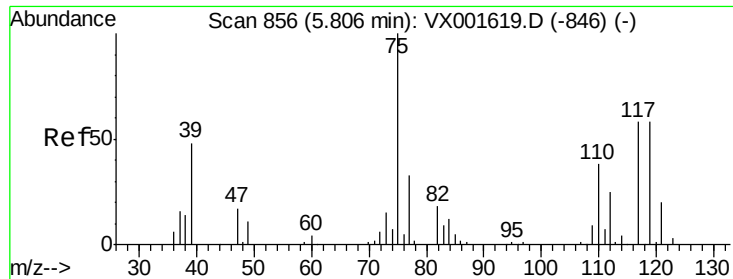
apatel
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	15.5	23.3
88	15.1	12.2	18.4





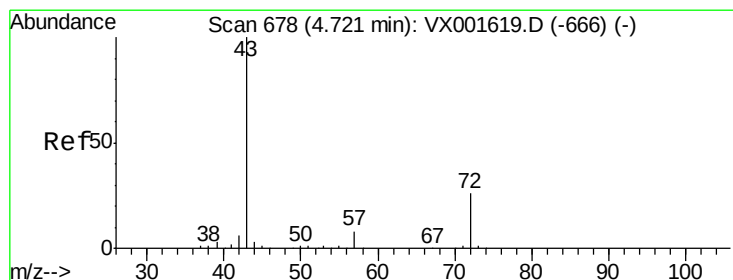
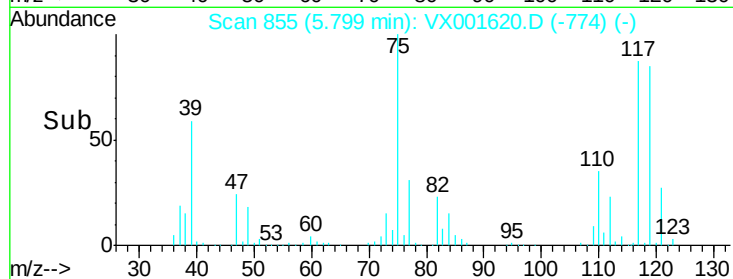
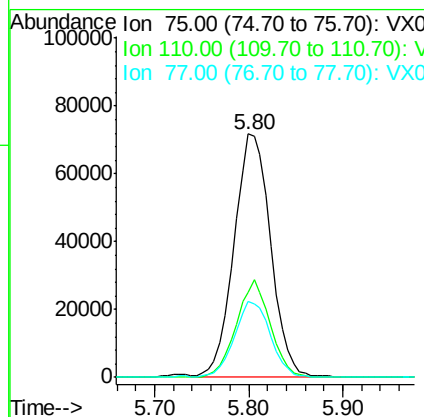
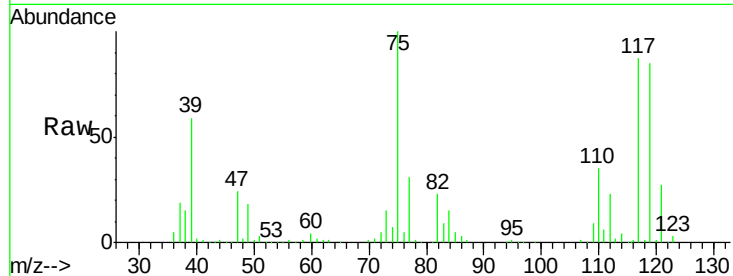
#29
 1,1-Dichloropropene
 Concen: 45.67 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	193171		
110	37.5	0.0	74.6	
77	31.1	0.0	62.4	

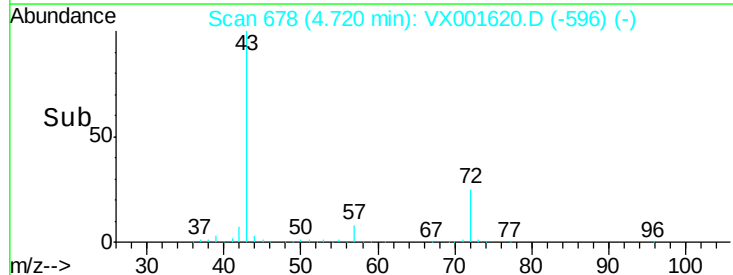
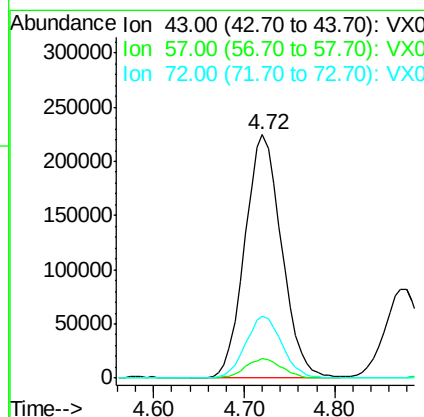
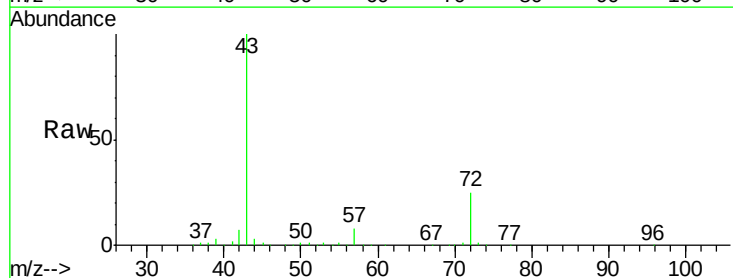
Manual Integrations
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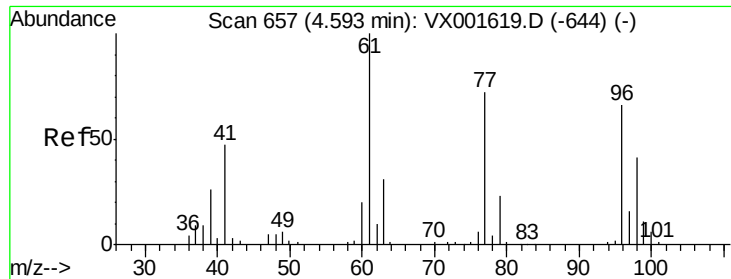
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#30
 2-Butanone
 Concen: 278.43 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	631386		
57	7.8	6.3	9.5	
72	25.3	20.2	30.4	





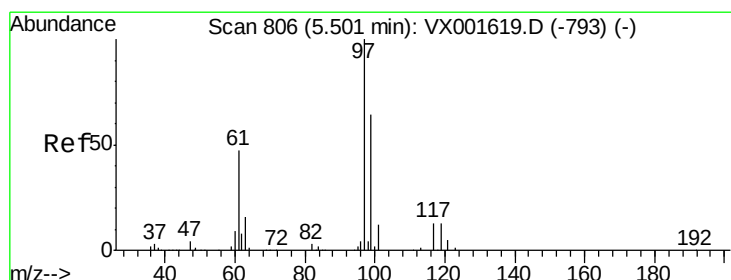
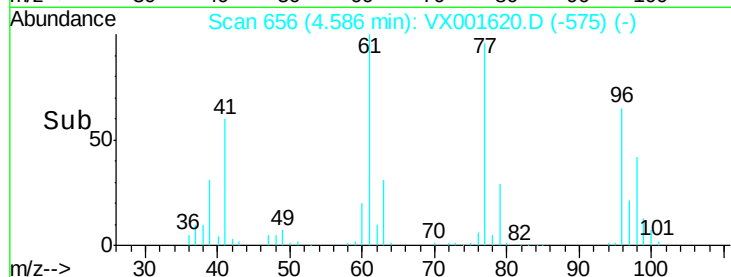
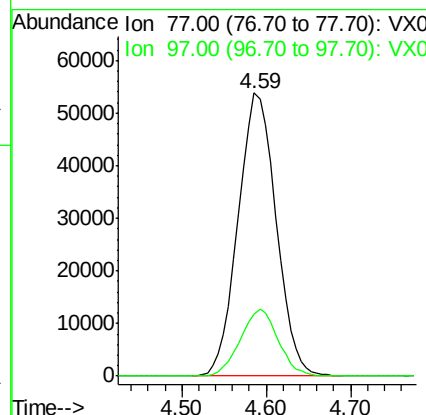
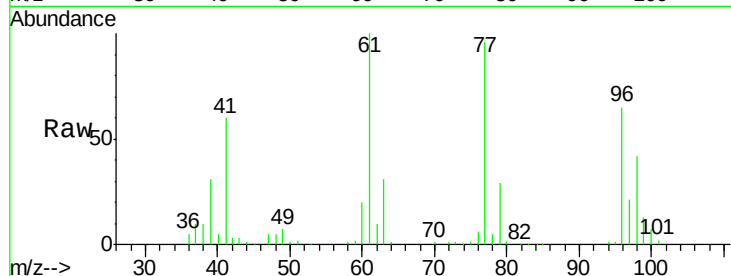
#31
 2,2-Dichloropropane
 Concen: 37.39 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion: 77 Resp: 165037
 Ion Ratio Lower Upper
 77 100
 97 23.5 19.3 28.9

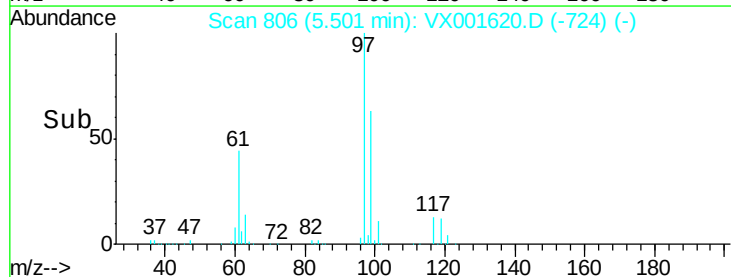
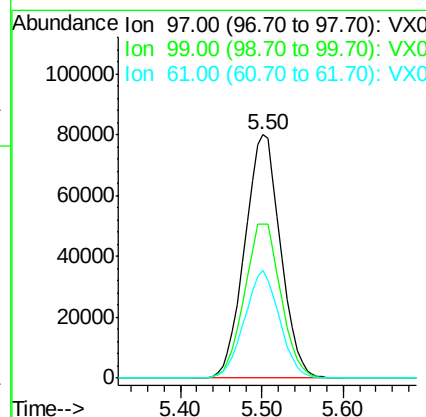
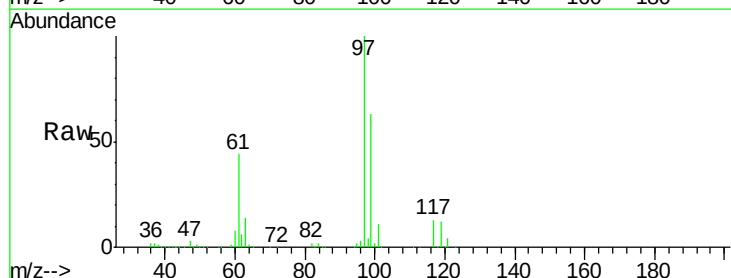
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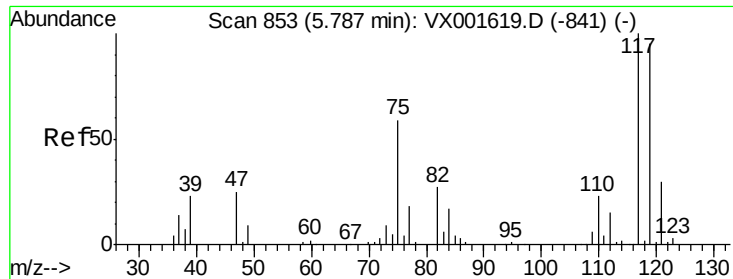
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#32
 1,1,1-Trichloroethane
 Concen: 47.38 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Tgt Ion: 97 Resp: 244285
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.7 77.5
 61 43.4 35.6 53.4





#33

Carbon Tetrachloride

Concen: 47.10 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

ClientSampleId :

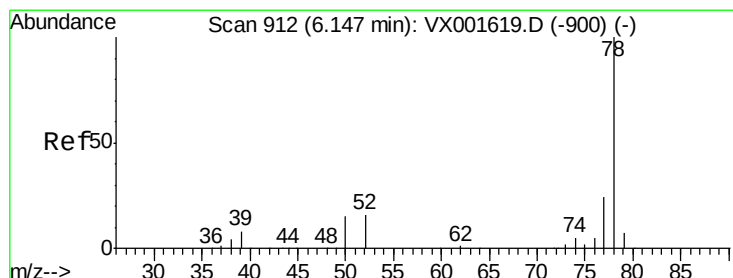
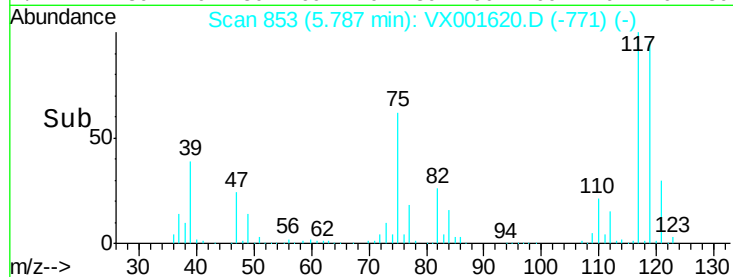
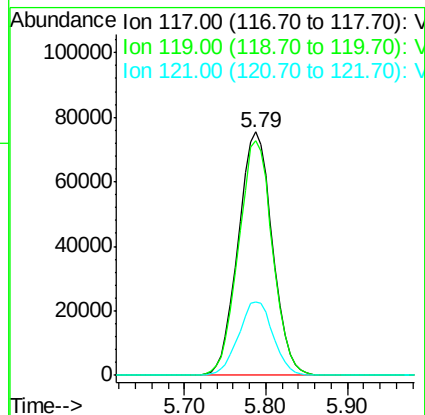
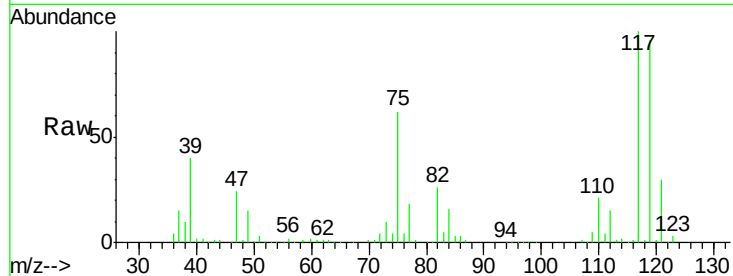
VSTDIC050

Tot Ion:	117	Resp:	219047
Ion Ratio	Lower	Upper	
117	100		
119	96.2	75.7	113.5
121	30.1	24.3	36.5

Manual Integrations
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#34

Benzene

Concen: 48.04 ug/l

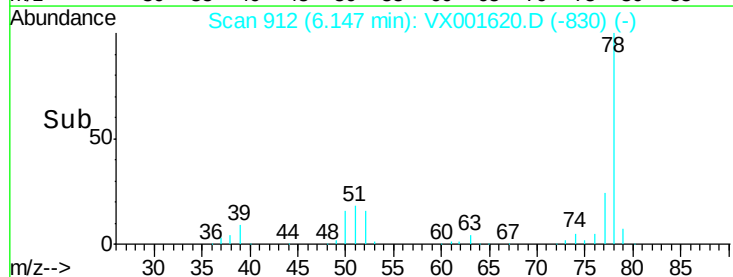
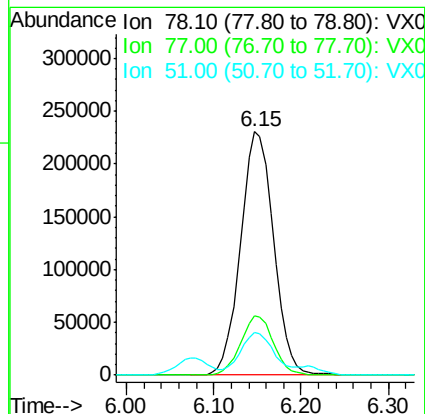
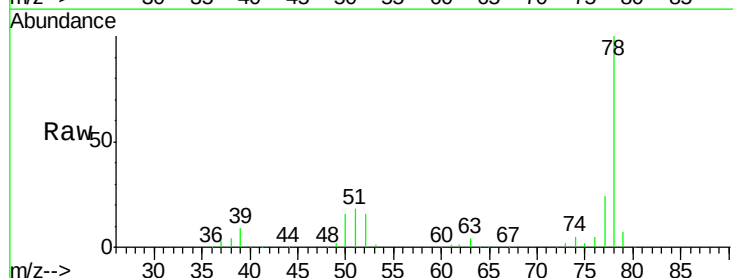
RT: 6.15 min Scan# 912

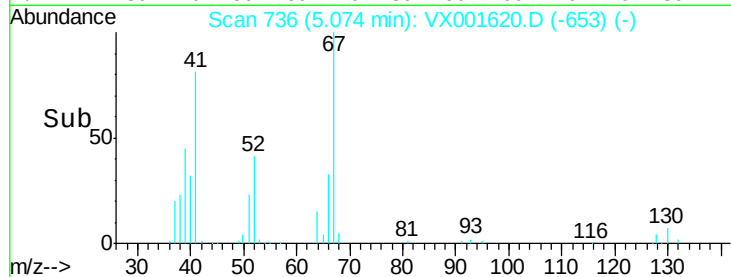
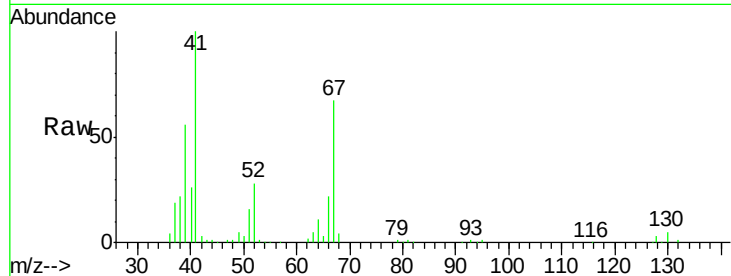
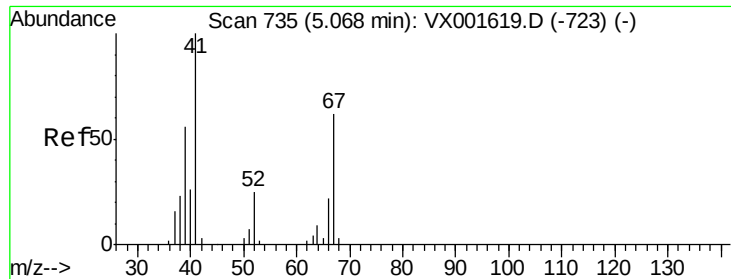
Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Tgt Ion:	78	Resp:	607196
Ion Ratio	Lower	Upper	
78	100		
77	24.4	18.8	28.2
51	17.4	13.5	20.3





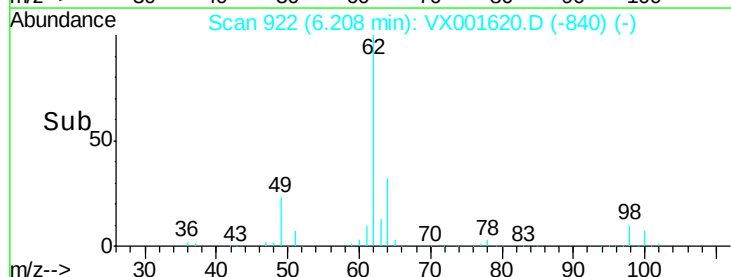
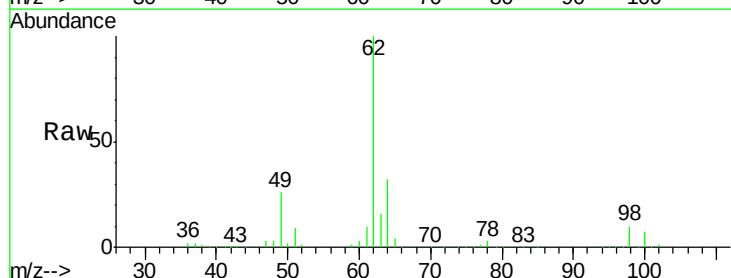
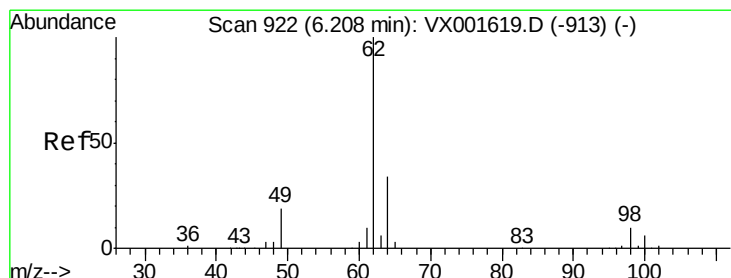
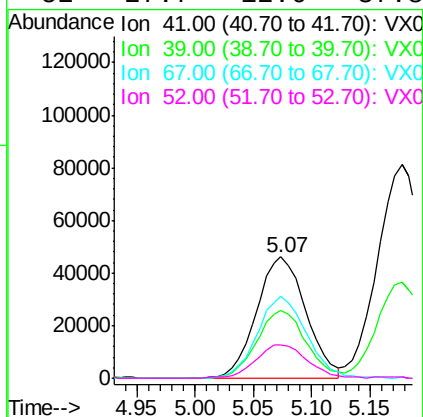
#35
Methacrylonitrile
Concen: 53.63 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.5	27.9	83.6		
67	67.6	30.9	92.5		
52	27.7	12.6	37.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

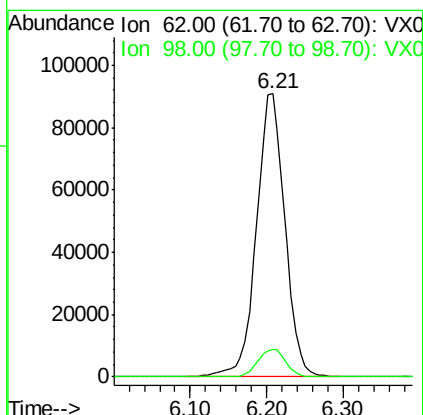
Manual Integrations
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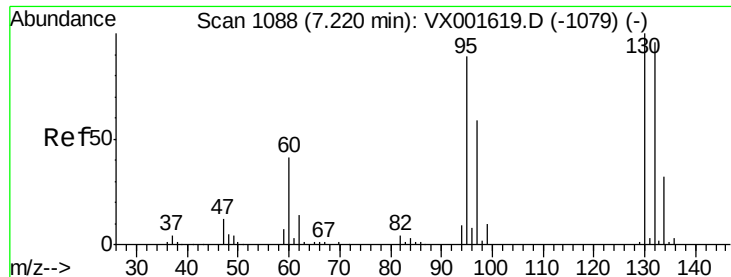
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#36
1,2-Dichloroethane
Concen: 48.24 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.6	7.7	11.5		





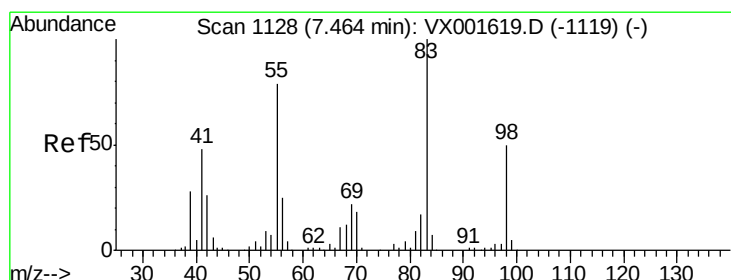
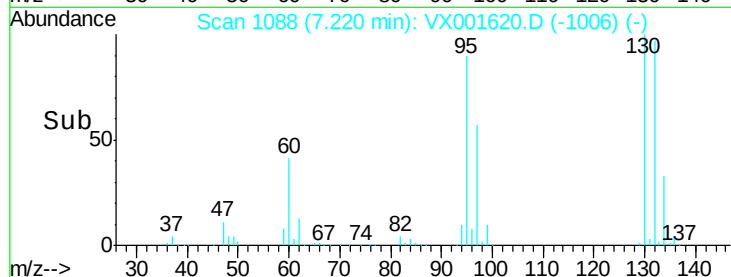
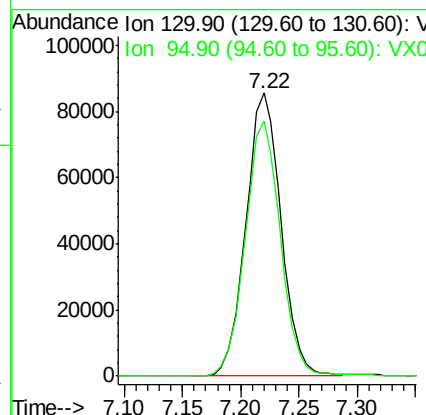
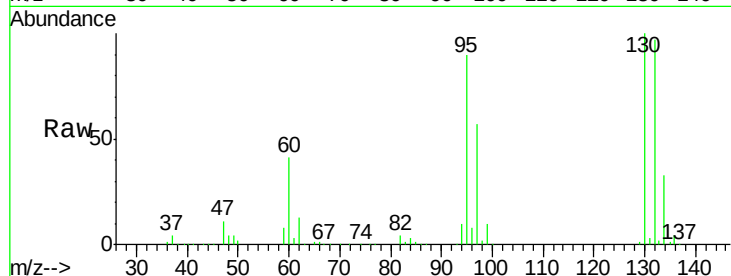
#37
 Trichloroethene
 Concen: 47.07 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:130 Resp: 179988
 Ion Ratio Lower Upper
 130 100
 95 90.3 71.4 107.2

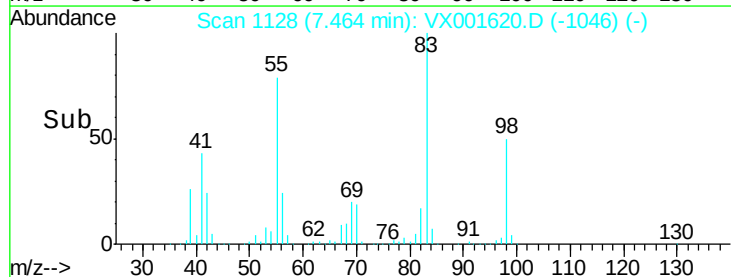
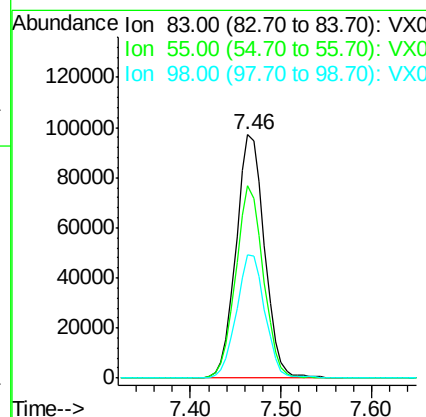
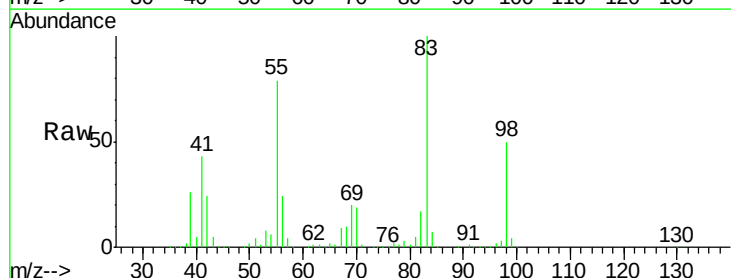
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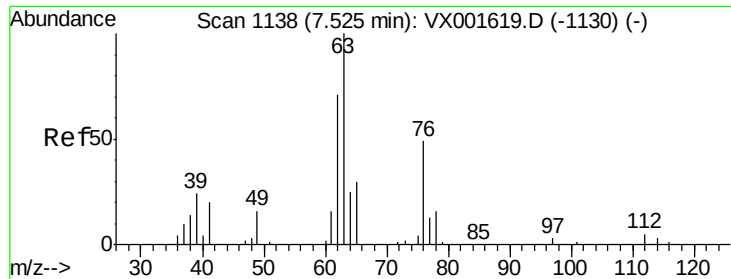
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#38
 Methylcyclohexane
 Concen: 43.32 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Tgt Ion: 83 Resp: 211985
 Ion Ratio Lower Upper
 83 100
 55 76.4 39.6 118.7
 98 50.7 25.0 75.0





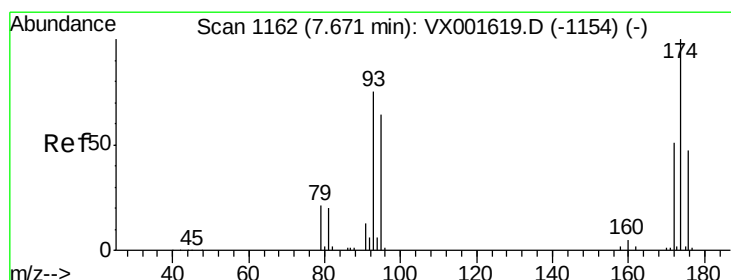
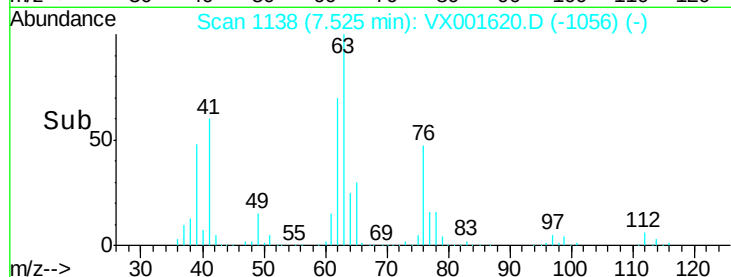
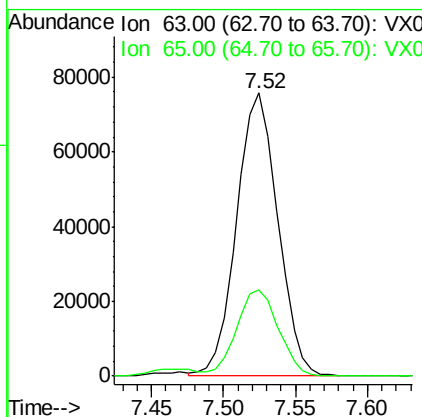
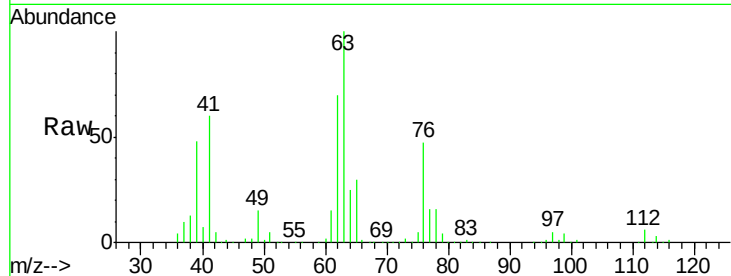
#39
 1,2-Dichloropropane
 Concen: 47.17 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	25.3	37.9

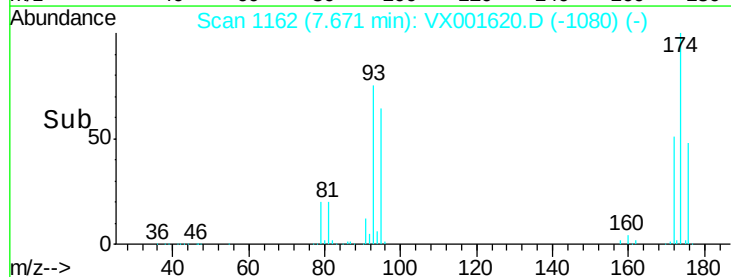
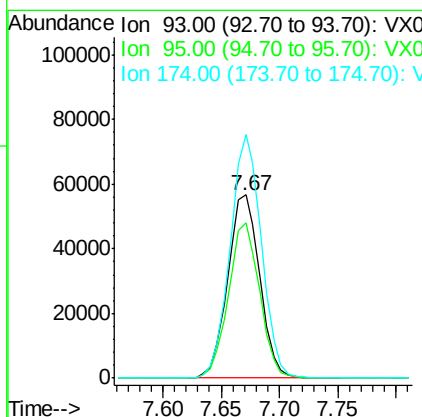
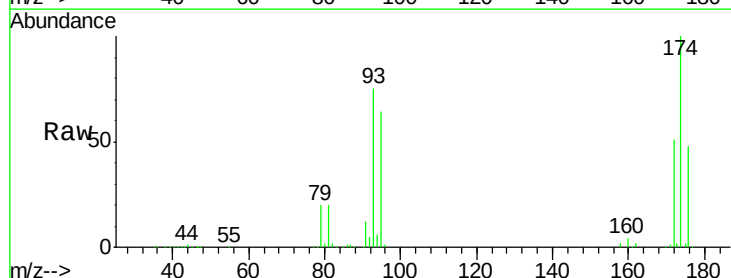
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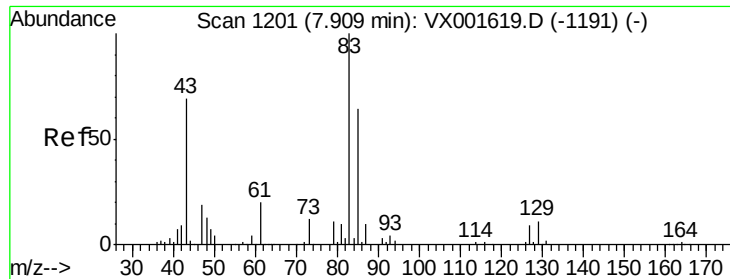
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#40
 Dibromomethane
 Concen: 48.04 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	0.0	166.2
174	129.7	0.0	259.2





#41

Bromodichloromethane

Concen: 48.54 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

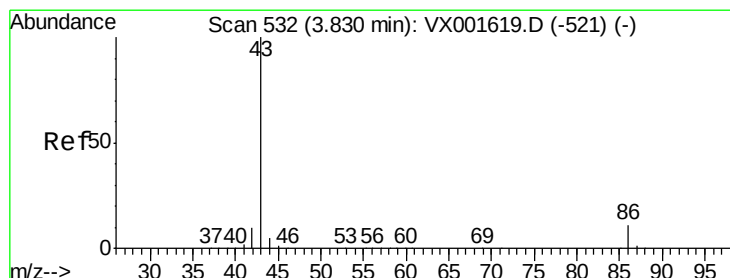
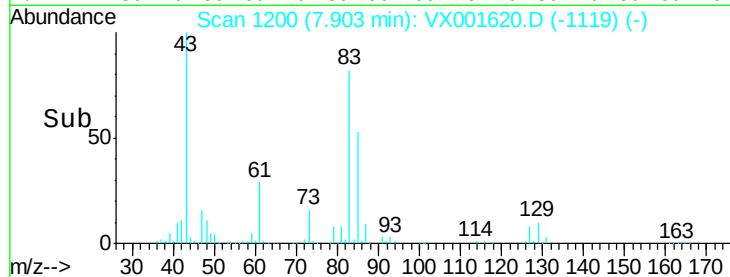
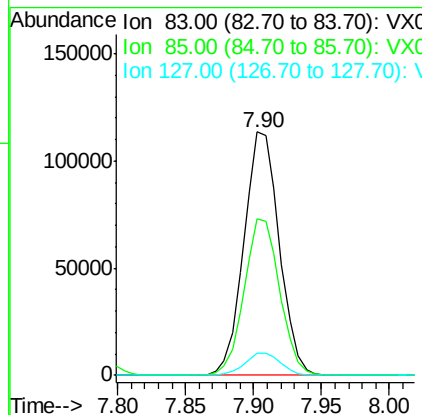
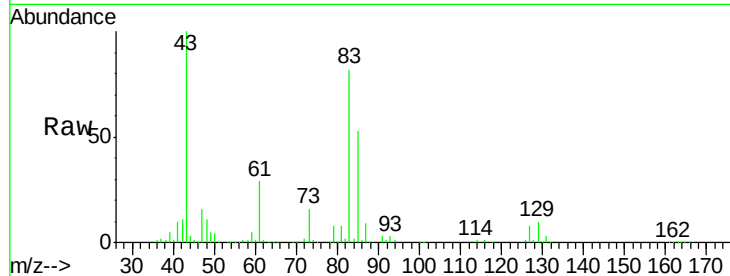
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	207313
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.3	76.9
127	9.2	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 242.48 ug/l

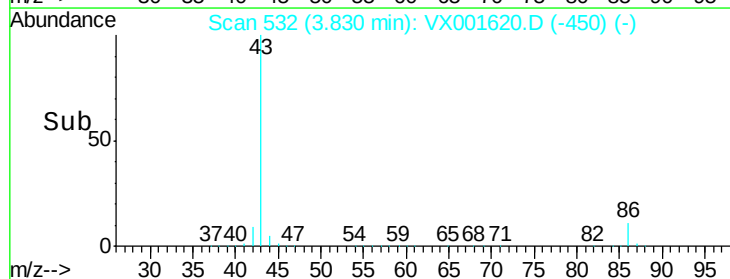
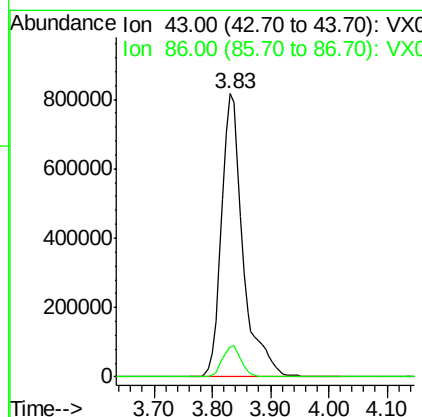
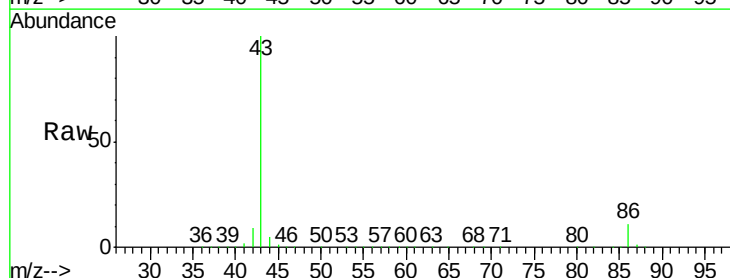
RT: 3.83 min Scan# 532

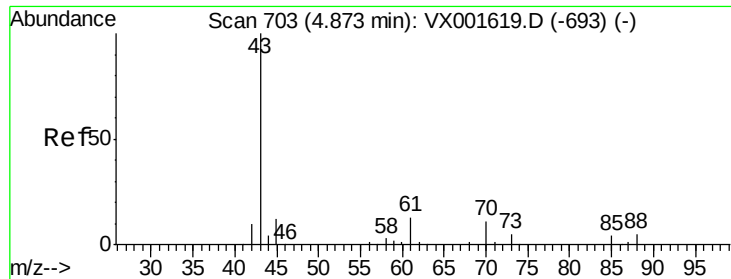
Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Tgt Ion:	43	Resp:	2080727
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.4	11.2





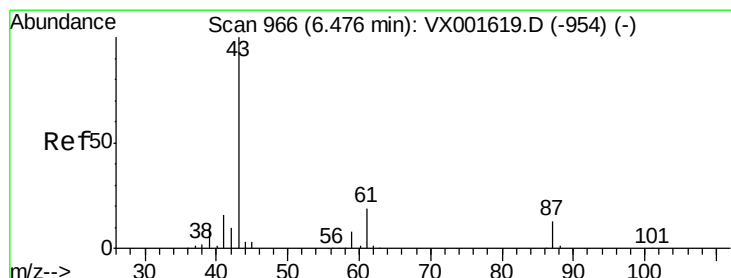
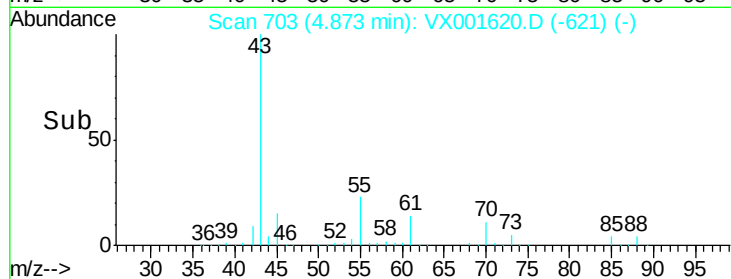
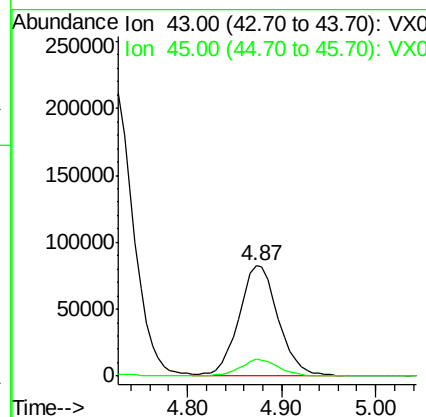
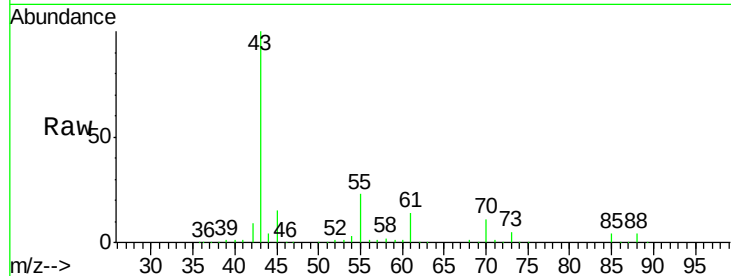
#43
Ethyl Acetate
Concen: 54.27 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.3	12.7	19.1

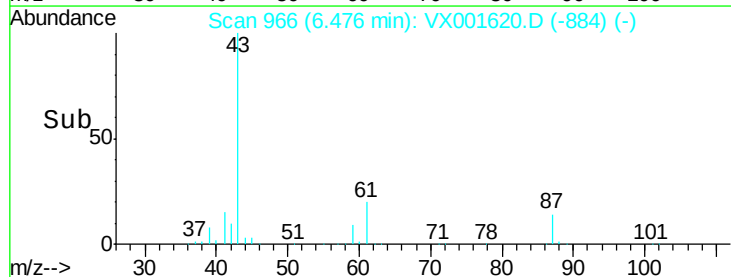
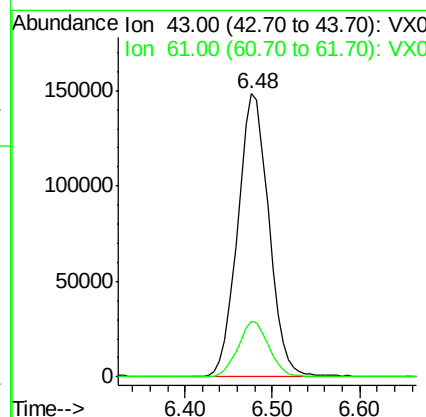
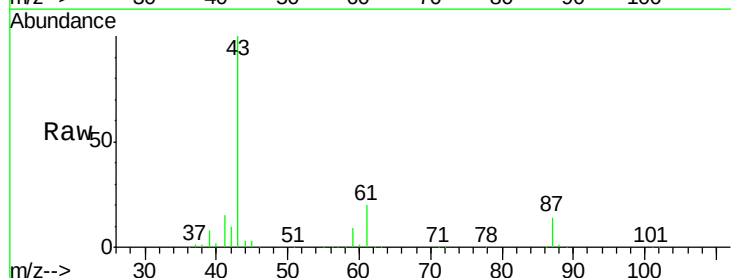
Manual Integrations
APPROVED

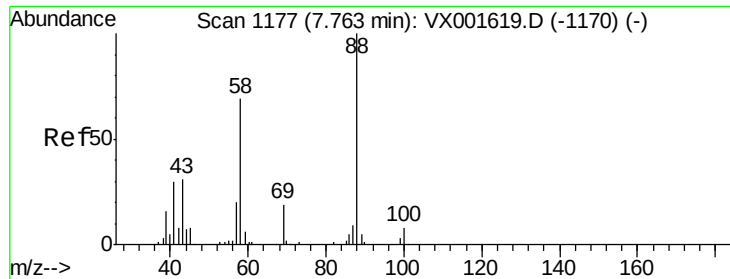
apatel
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#44
Isopropyl Acetate
Concen: 50.48 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.1	22.7





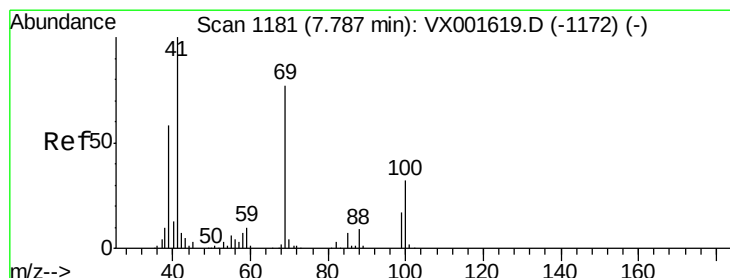
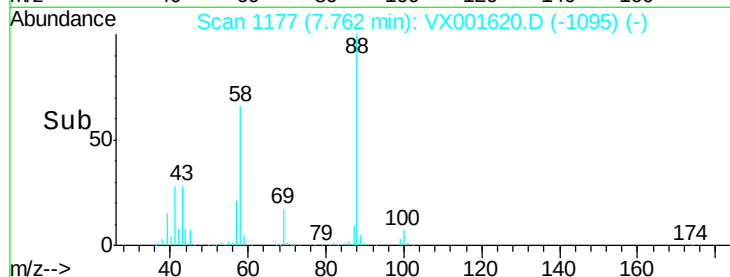
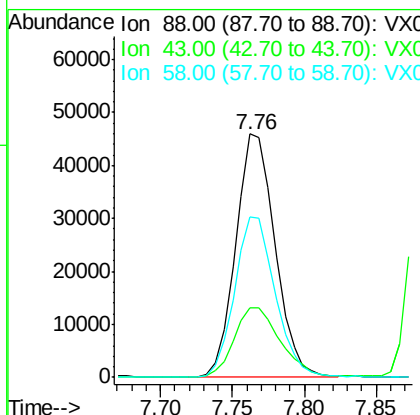
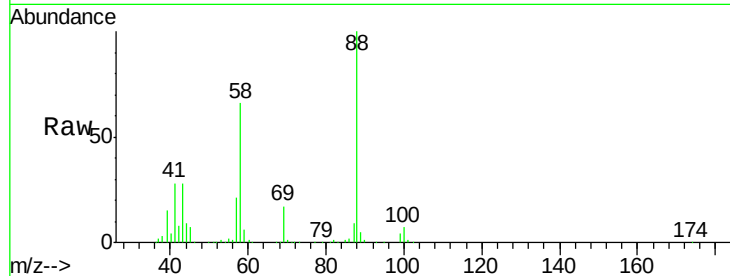
#45
 1,4-Dioxane
 Concen: 1236.98 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	87330		
43	33.2		27.9	41.9
58	67.4		55.3	82.9

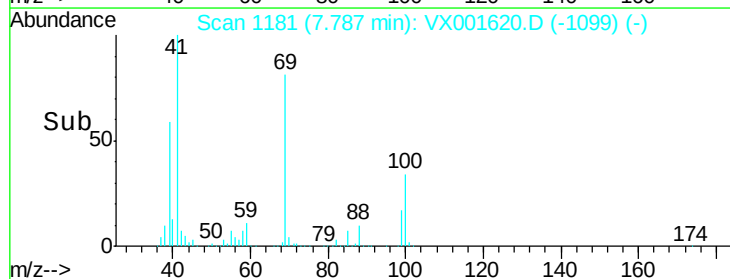
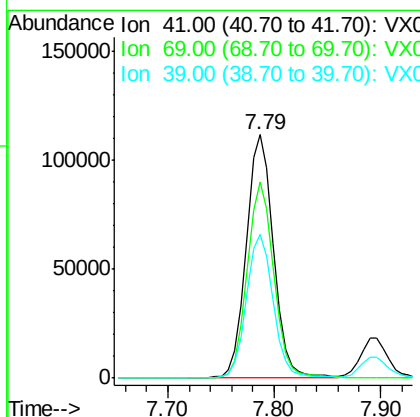
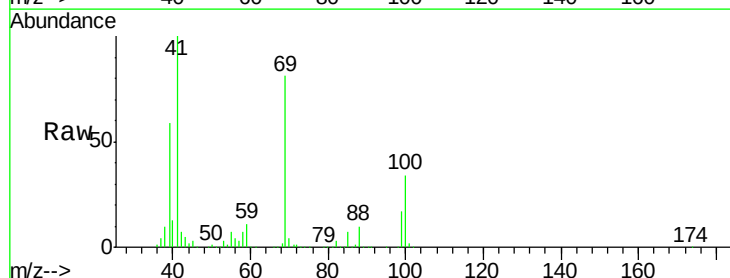
Manual Integrations
 APPROVED

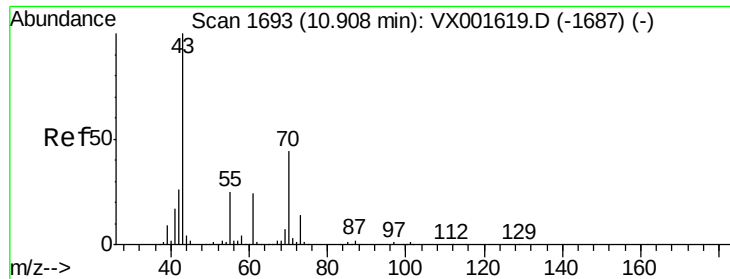
apatel
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#46
 Methyl methacrylate
 Concen: 52.64 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	200662		
69	80.7		38.4	115.2
39	59.2		29.0	87.1





#47

n-amvl Acetate

Concen: 47.57 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

Tot Ion: 43 Resp: 325659

Ion Ratio Lower Upper

43 100

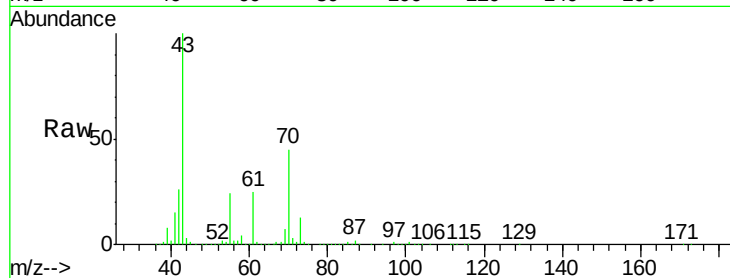
55 24.8 20.8 31.2

Manual Integrations

APPROVED

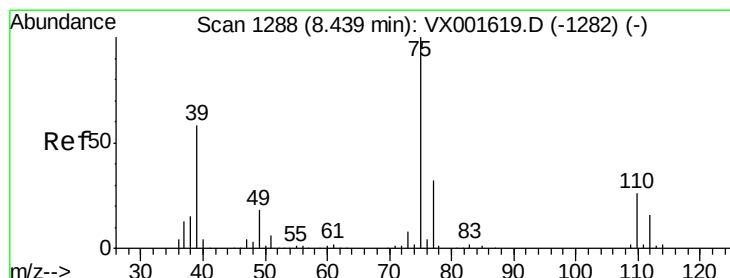
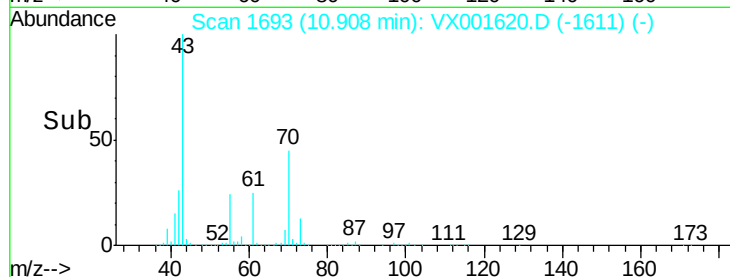
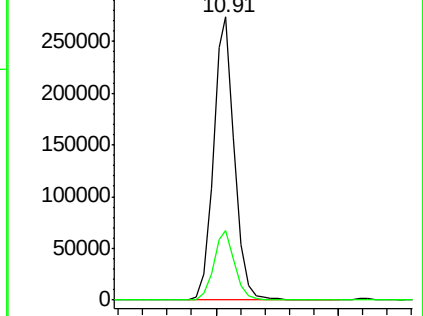
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 46.96 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001620.D

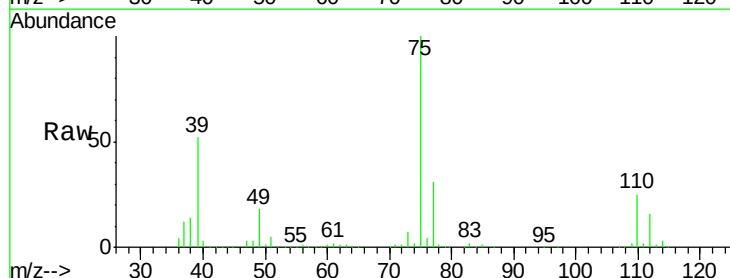
Acq: 10 May 2018 23:55

Tgt Ion: 75 Resp: 233589

Ion Ratio Lower Upper

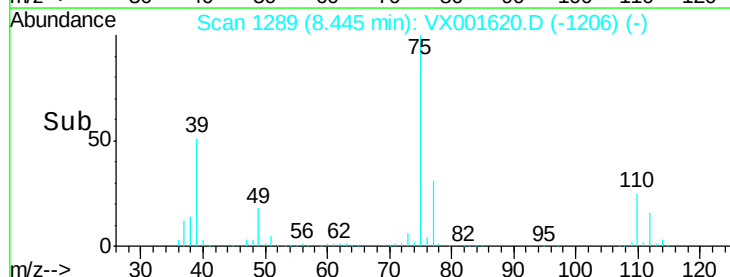
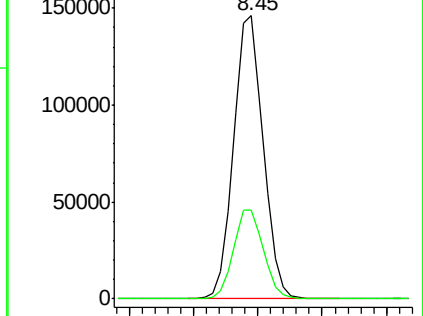
75 100

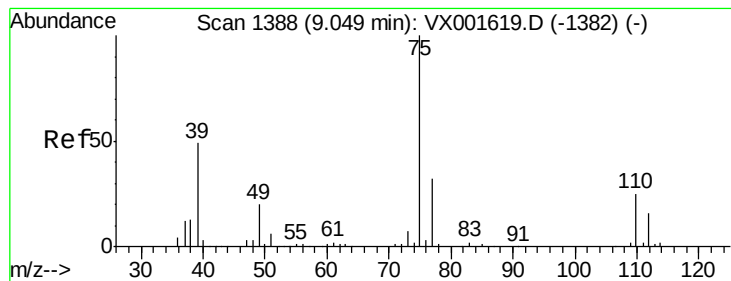
77 31.5 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#49

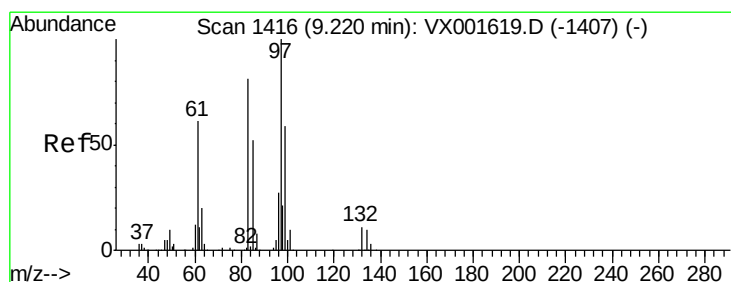
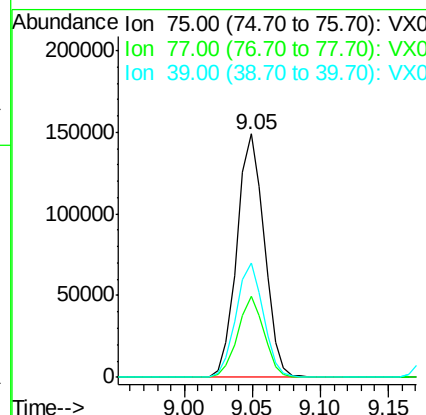
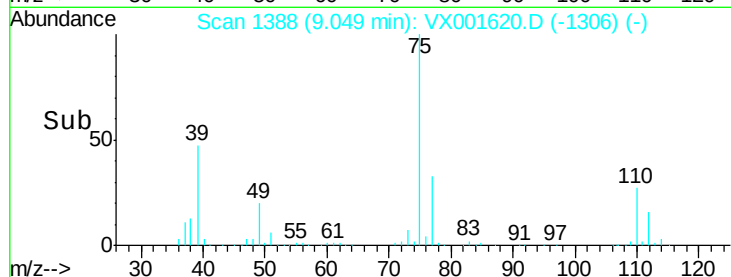
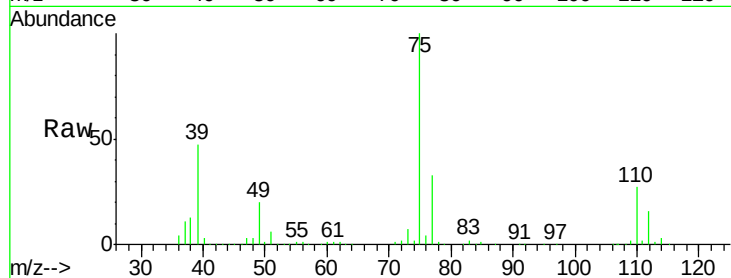
cis-1,3-Dichloropropene
Concen: 44.61 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	209215		
77	33.1		25.8	38.6
39	46.8		39.4	59.0

Manual Integrations
APPROVED

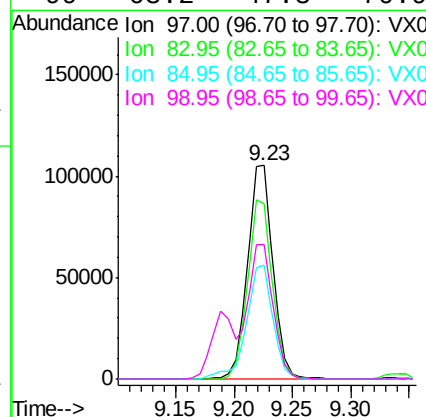
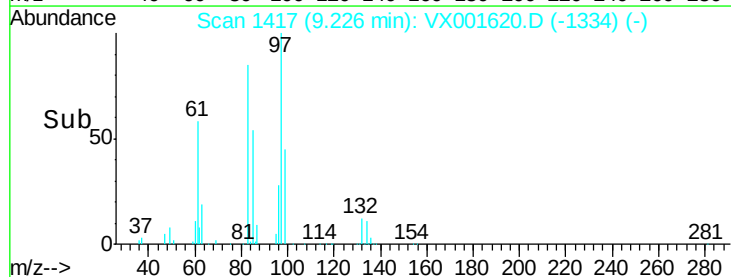
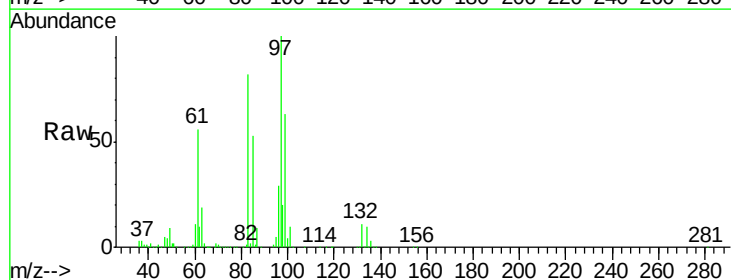
apatel
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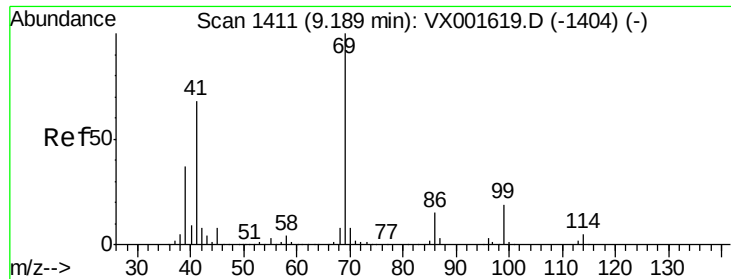


#50

1,1,2-Trichloroethane
Concen: 47.74 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.01 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	160552		
83	82.0		65.0	97.6
85	53.2		41.5	62.3
99	63.2		47.3	70.9





#51

Ethyl methacrylate

Concen: 49.41 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

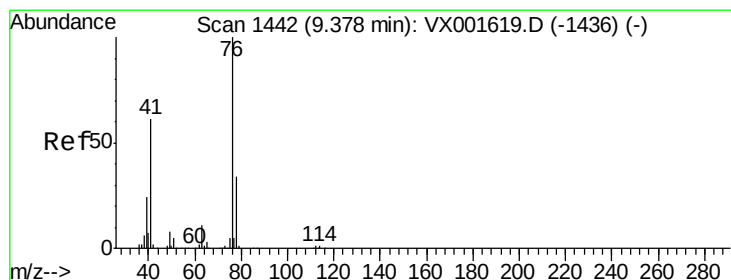
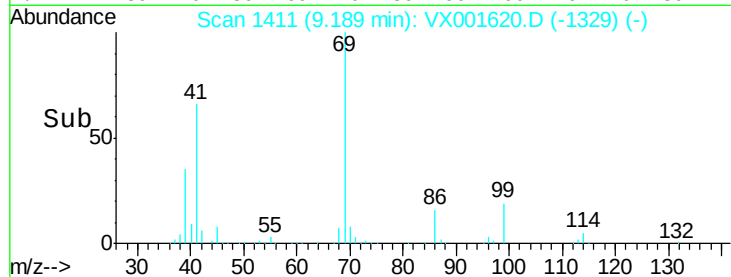
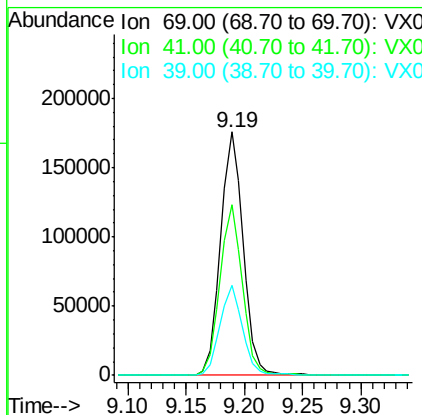
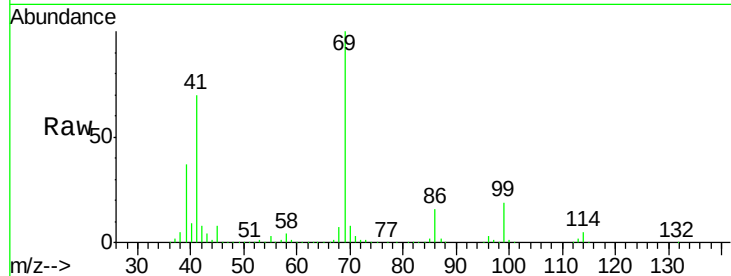
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	236489
Ion Ratio	Lower	Upper	
69	100		
41	70.0	33.9	101.6
39	36.9	18.4	55.2

Manual Integrations
APPROVED

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#52

1,3-Dichloropropane

Concen: 48.74 ug/l

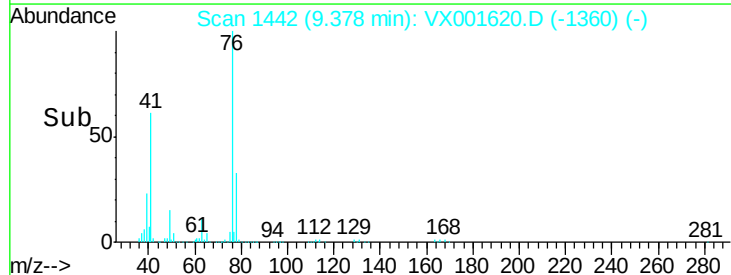
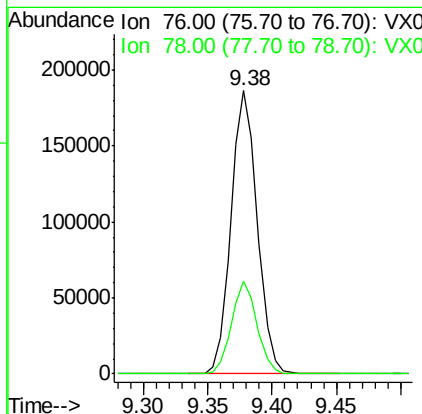
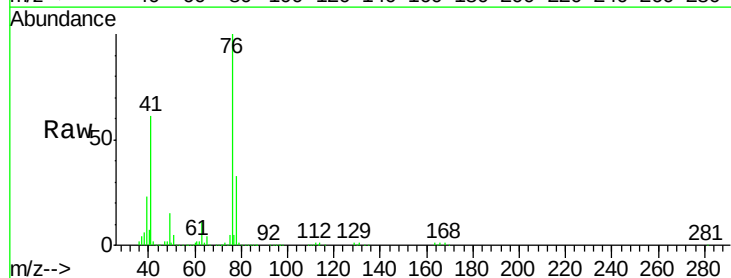
RT: 9.38 min Scan# 1442

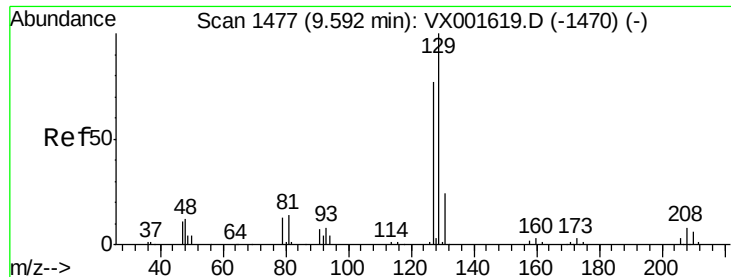
Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Tgt Ion:	76	Resp:	265641
Ion Ratio	Lower	Upper	
76	100		
78	32.0	0.0	65.8





#53

Dibromochloromethane

Concen: 46.84 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:129 Resp: 172282

Ion Ratio Lower Upper

129 100

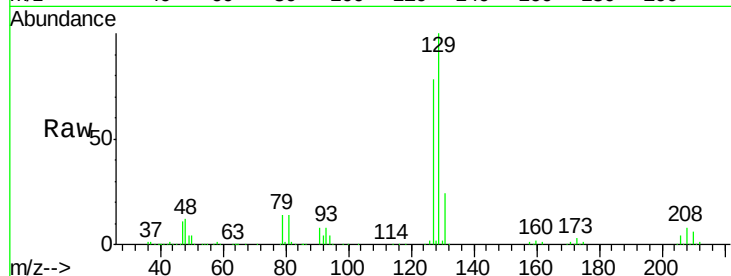
127 77.0 37.9 113.7

Manual Integrations

APPROVED

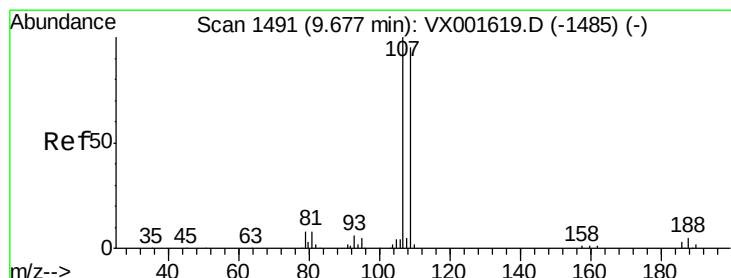
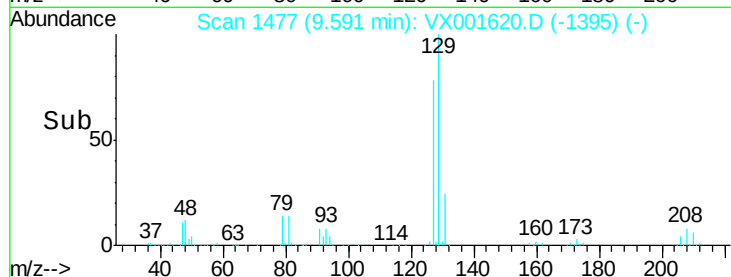
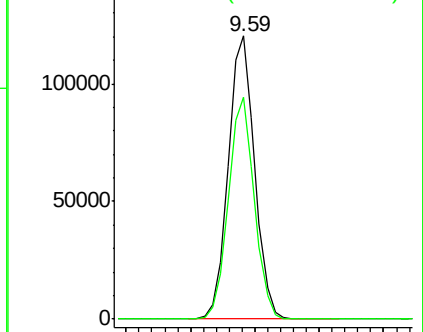
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 47.30 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001620.D

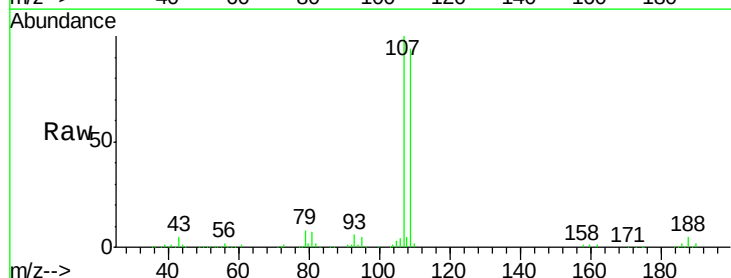
Acq: 10 May 2018 23:55

Tgt Ion:107 Resp: 170844

Ion Ratio Lower Upper

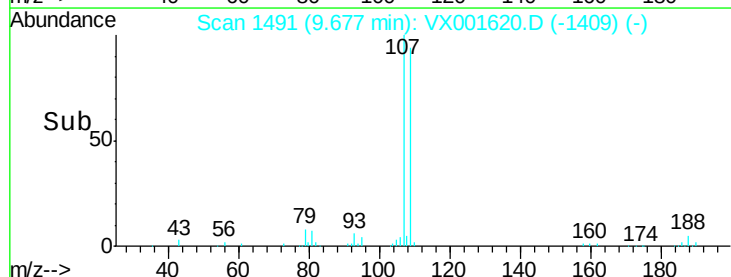
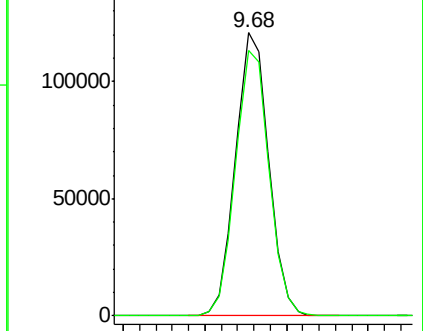
107 100

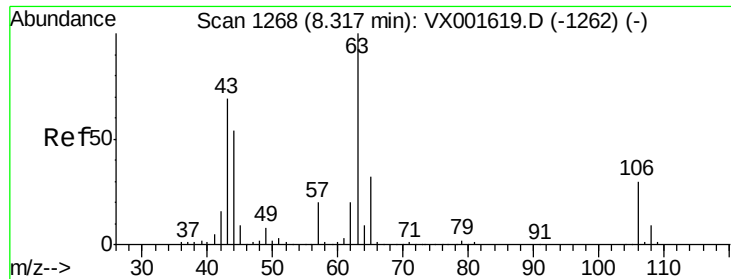
109 95.4 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





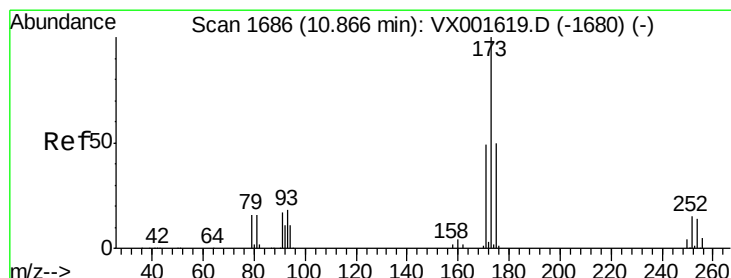
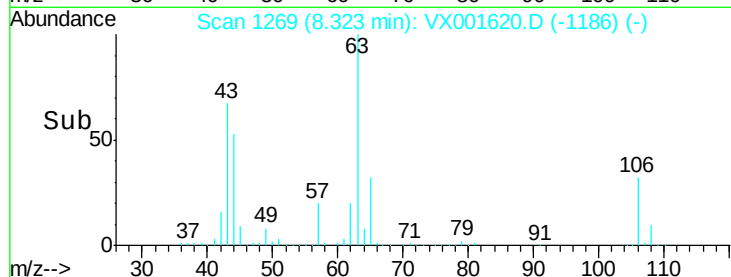
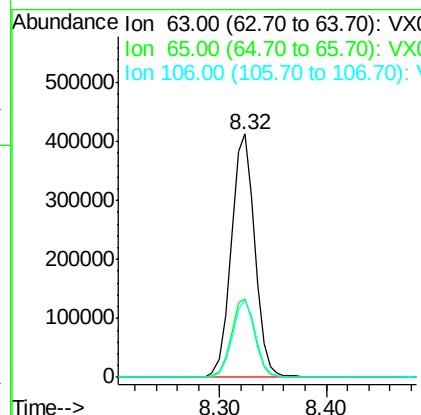
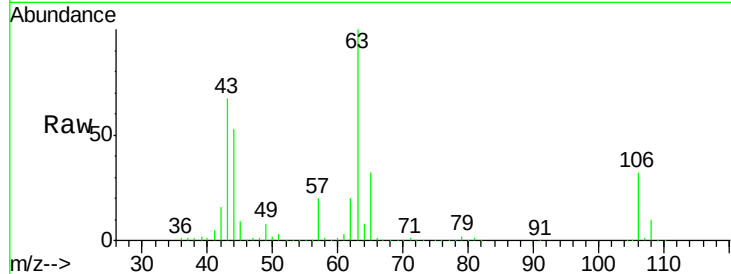
#55
2-Chloroethyl vinyl ether
Concen: 267.91 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.01 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.8
106	31.4	24.8	37.2

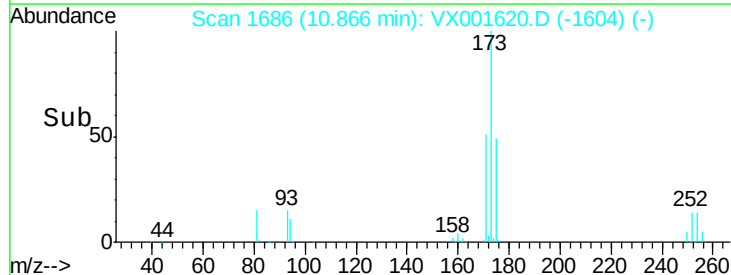
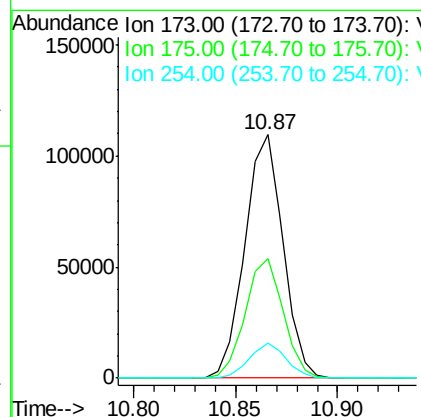
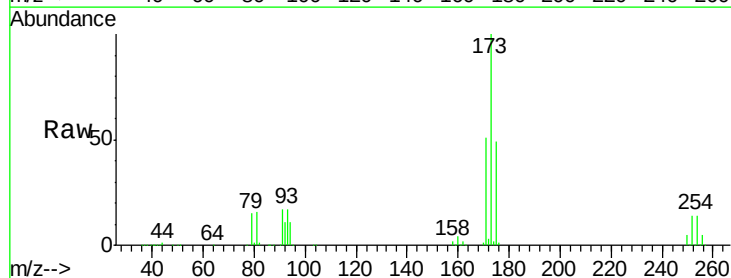
Manual Integrations
APPROVED

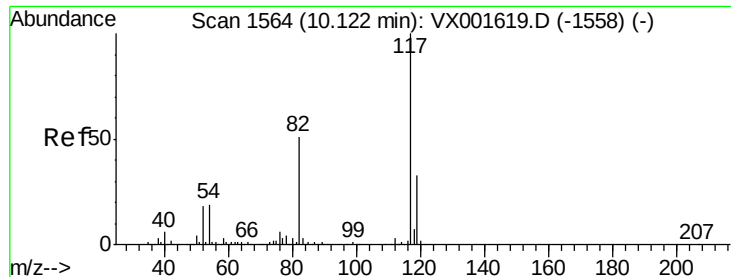
apatel
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#56
Bromoform
Concen: 47.18 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.8	59.8
254	14.0	10.7	16.1





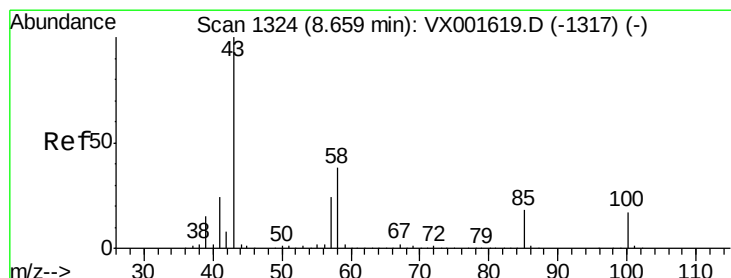
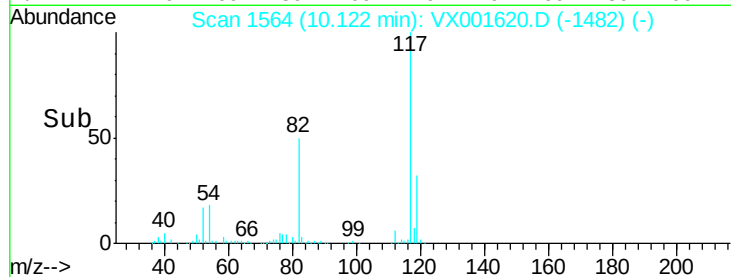
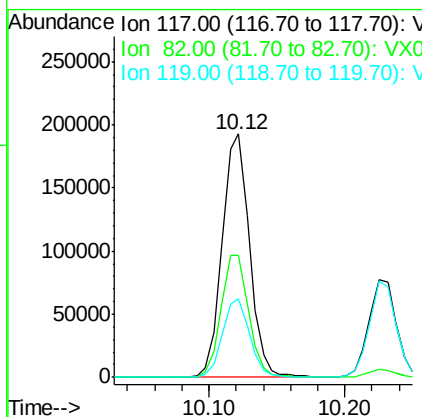
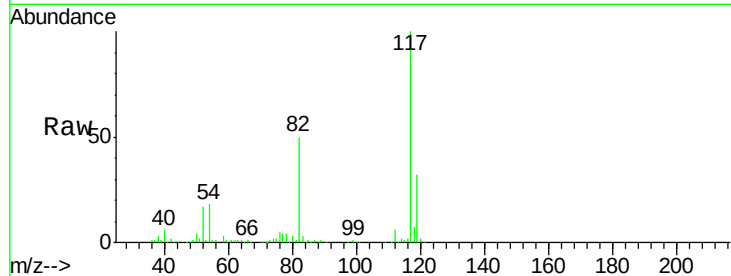
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.2	63.2
119	32.0	26.3	39.5

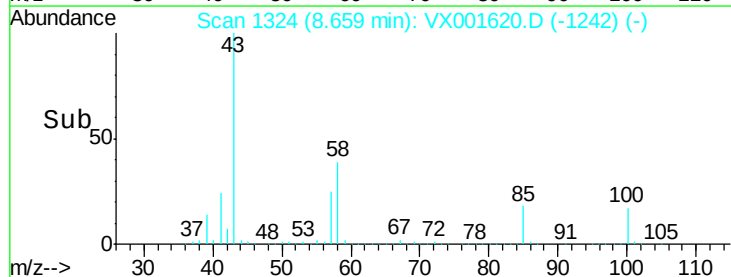
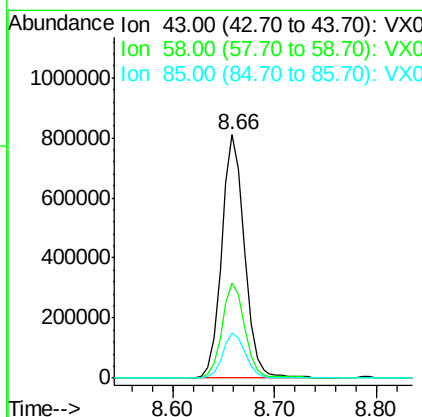
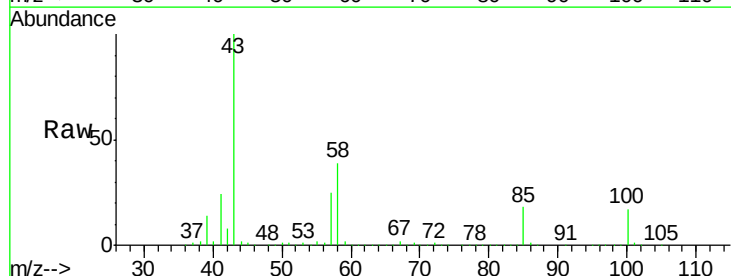
Manual Integrations
APPROVED

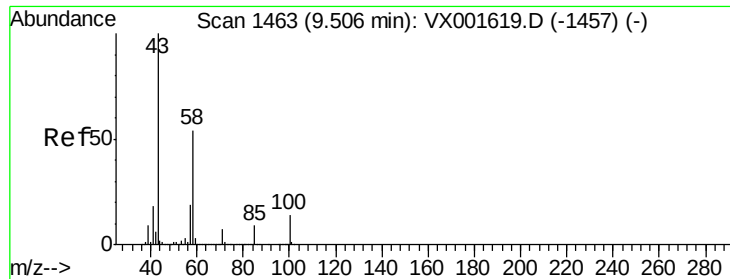
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#58
4-Methyl-2-Pentanone
Concen: 273.78 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.8	30.4	45.6
85	18.3	14.3	21.5





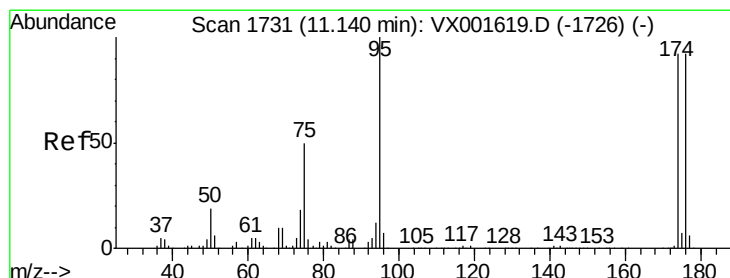
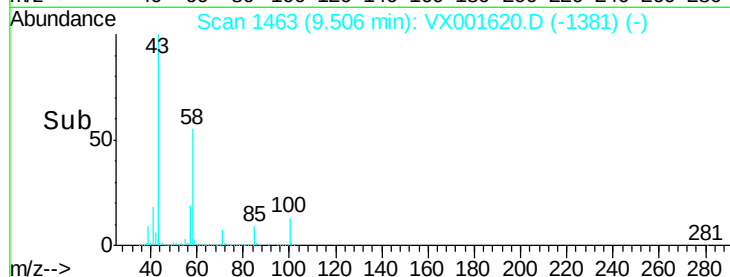
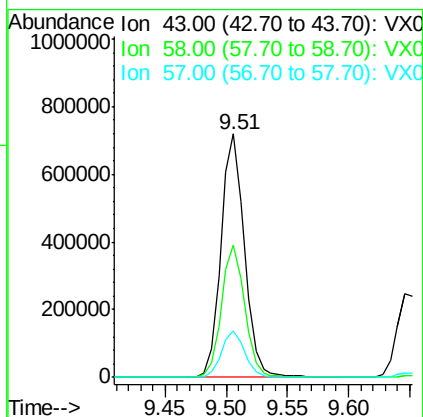
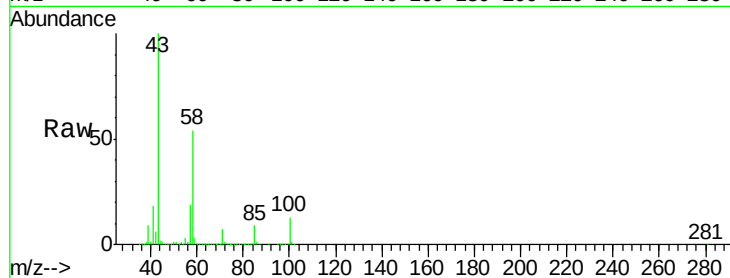
#59
2-Hexanone
Concen: 267.94 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	43.0	64.4
57	19.0	15.4	23.0

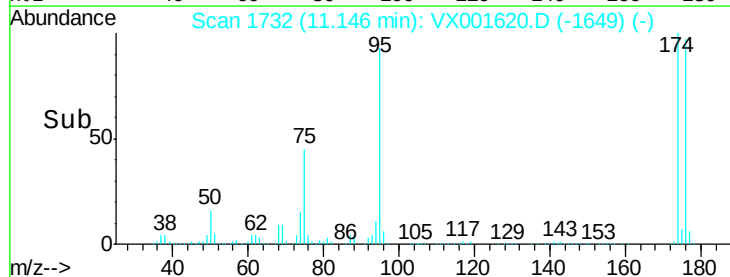
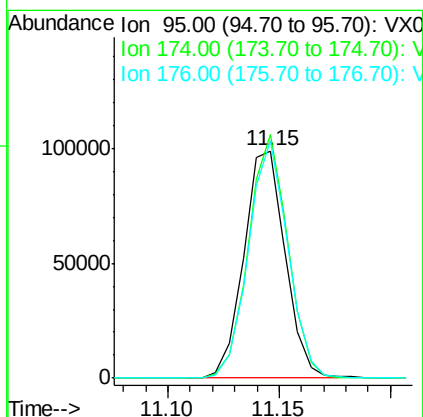
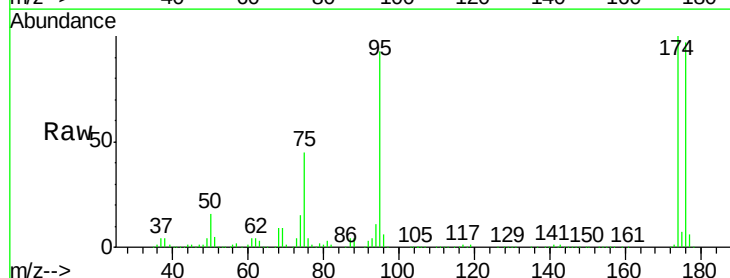
Manual Integrations
APPROVED

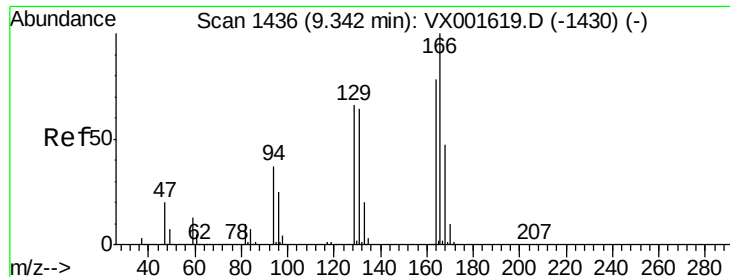
apatel
5/14/2018 3:57:32 PM



#60
4-Bromofluorobenzene
Concen: 28.77 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	101.2	80.2	120.2
176	98.7	79.2	118.8





#61

Tetrachloroethene

Concen: 50.54 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

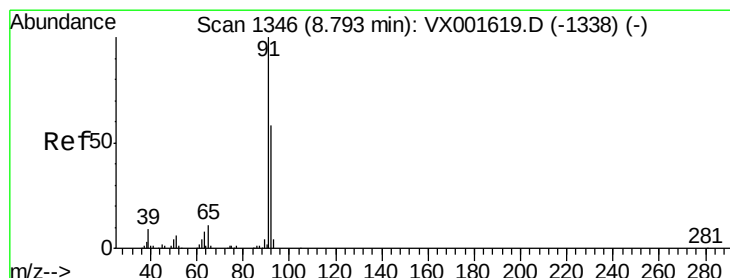
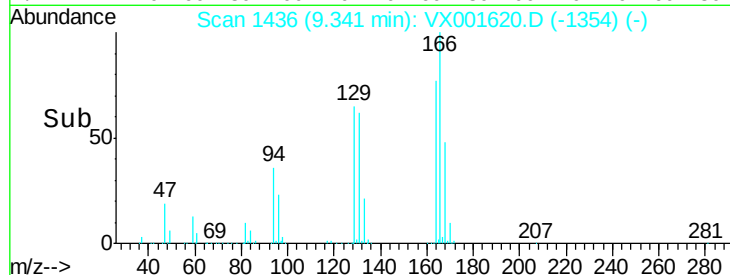
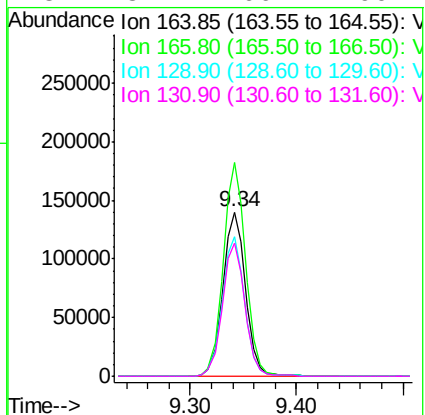
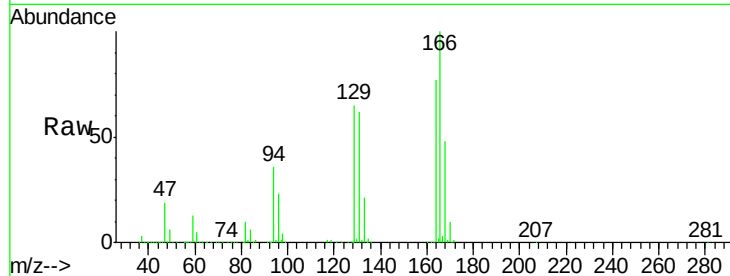
ClientSampleId :

VSTDIC050

Tot Ion:	164	Resp:	207884
Ion Ratio	Lower	Upper	
164	100		
166	130.2	102.8	154.2
129	85.3	67.8	101.8
131	81.4	66.2	99.2

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#62

Toluene

Concen: 46.59 ug/l

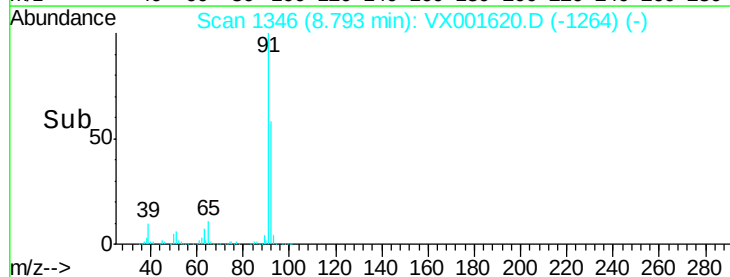
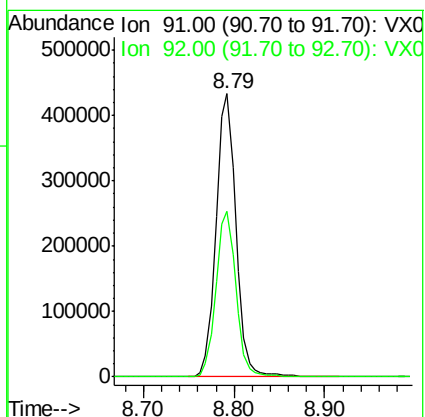
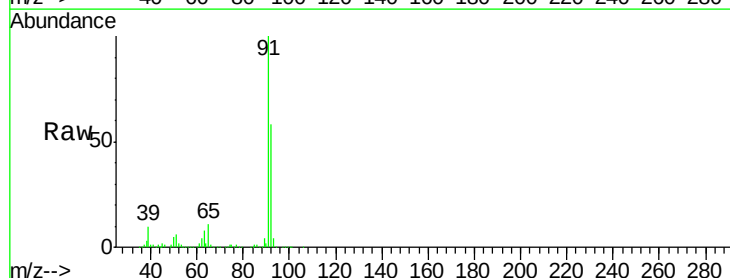
RT: 8.79 min Scan# 1346

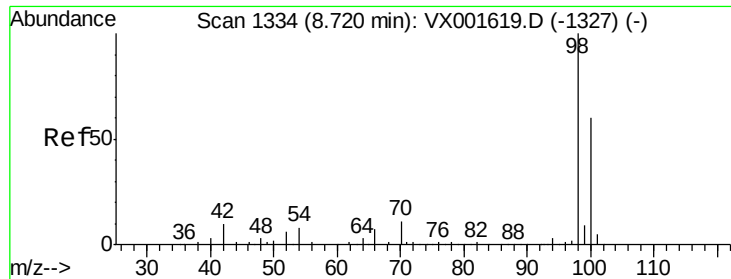
Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Tgt Ion:	91	Resp:	669880
Ion Ratio	Lower	Upper	
91	100		
92	58.7	47.4	71.0





#63

Toluene-d8

Concen: 30.44 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 98 Resp: 355374

Ion Ratio Lower Upper

98 100

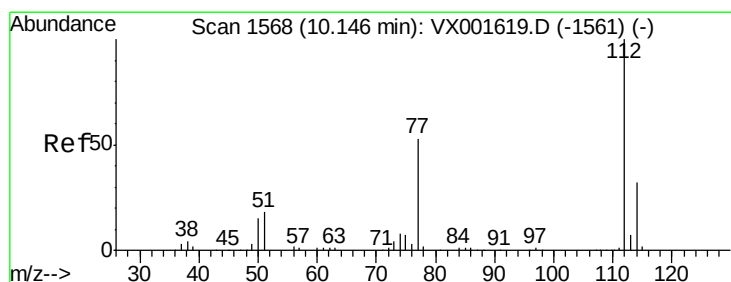
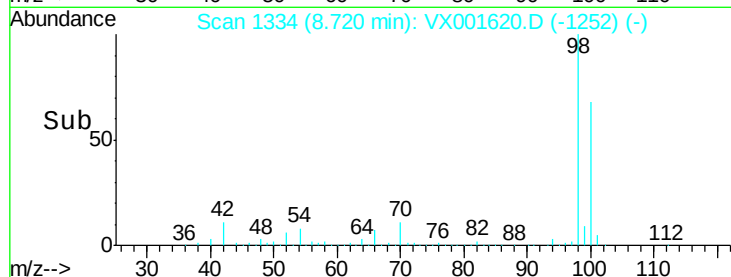
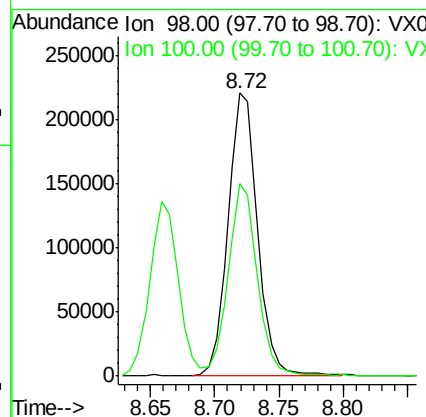
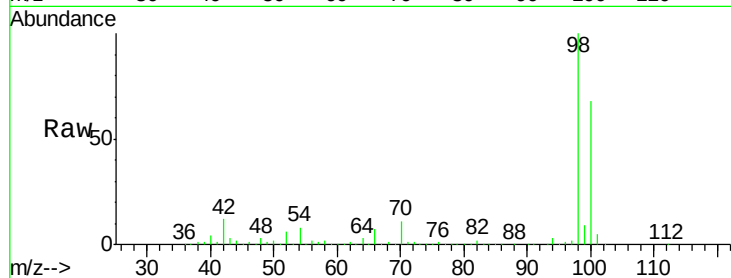
100 66.5 52.2 78.2

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#64

Chlorobenzene

Concen: 45.13 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001620.D

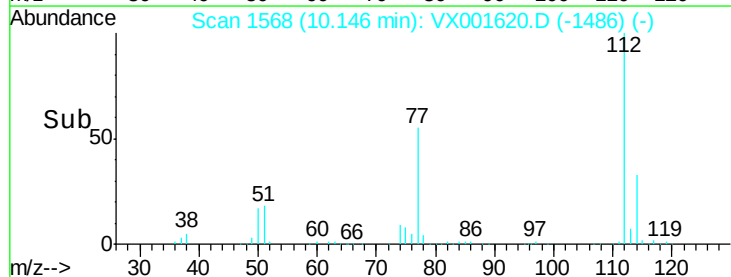
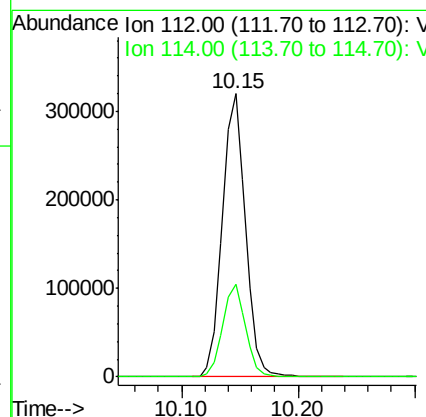
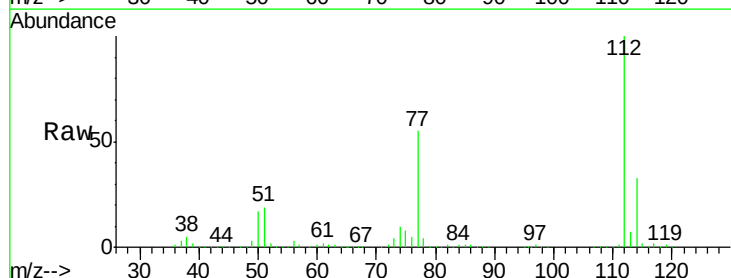
Acq: 10 May 2018 23:55

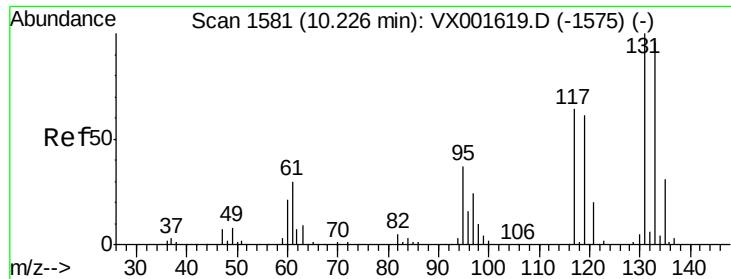
Tgt Ion: 112 Resp: 436869

Ion Ratio Lower Upper

112 100

114 32.6 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 47.31 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

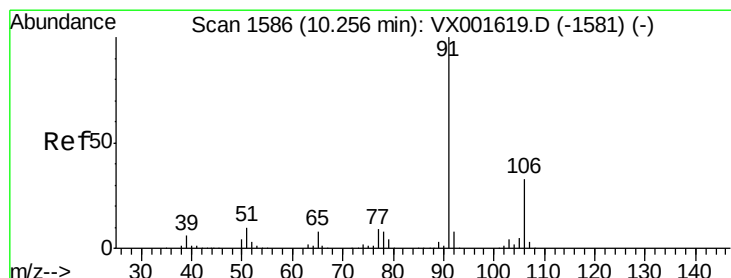
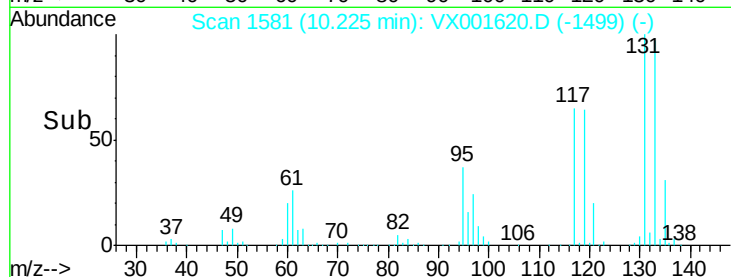
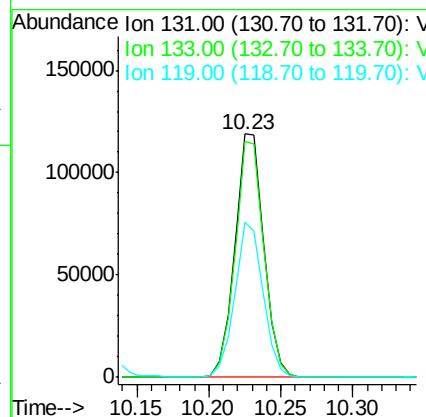
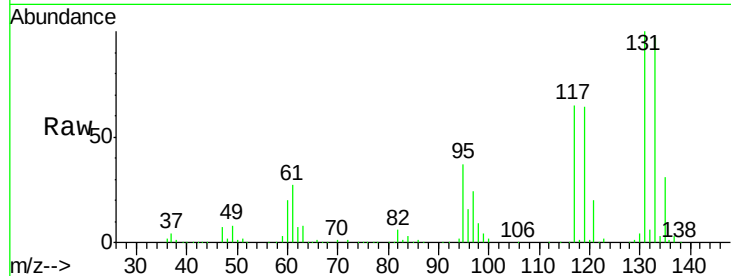
ClientSampleId :

VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
131	100	167329		
133	96.5	0.0	191.4	
119	62.4	0.0	124.2	

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#66

Ethyl Benzene

Concen: 45.21 ug/l

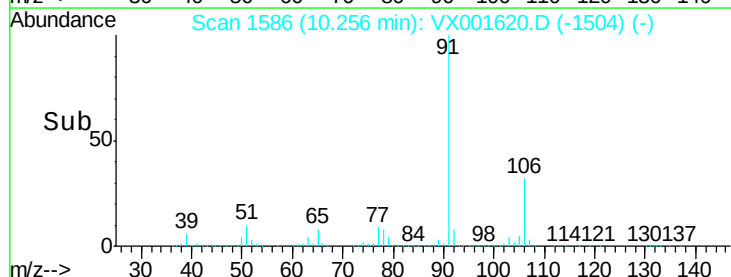
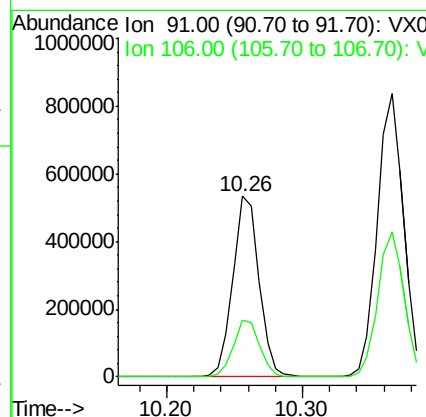
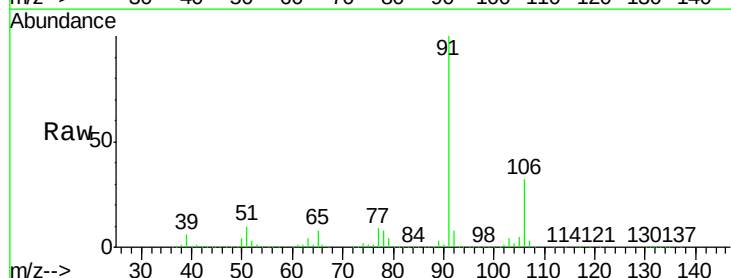
RT: 10.26 min Scan# 1586

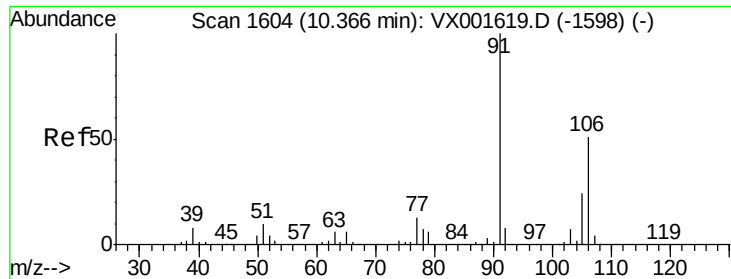
Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	716822		
106	31.8	26.2	39.4	





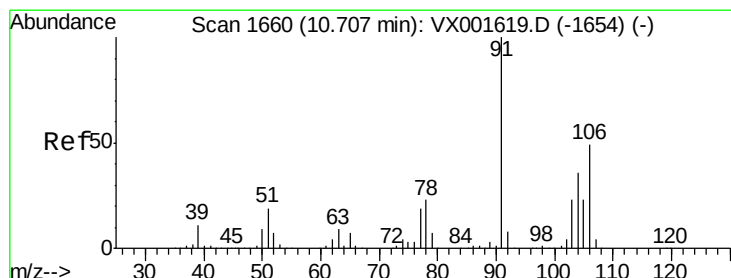
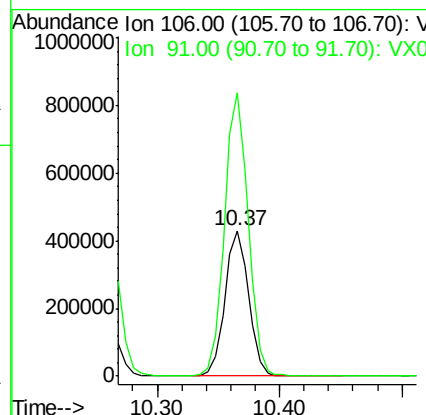
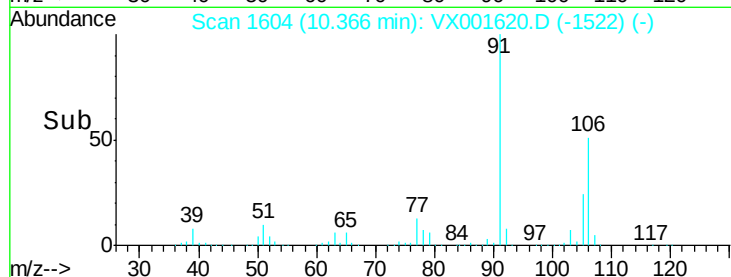
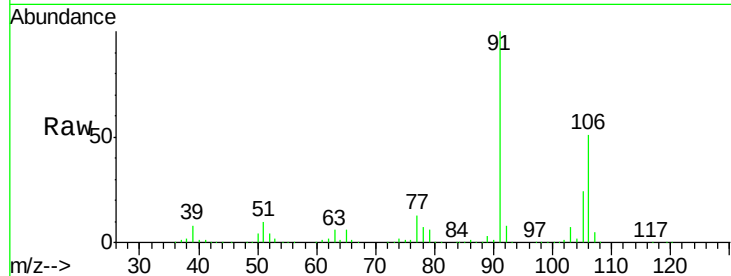
#67
m/p-Xylenes
Concen: 91.00 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

Tot Ion:106 Resp: 576477
Ion Ratio Lower Upper
106 100
91 194.6 157.8 236.8

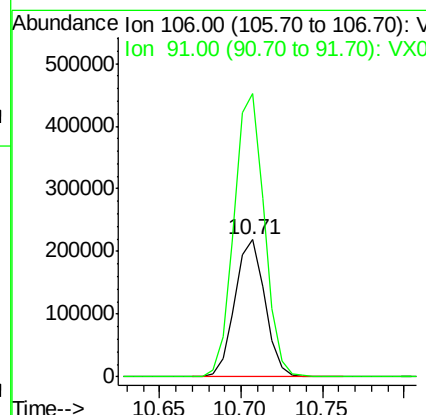
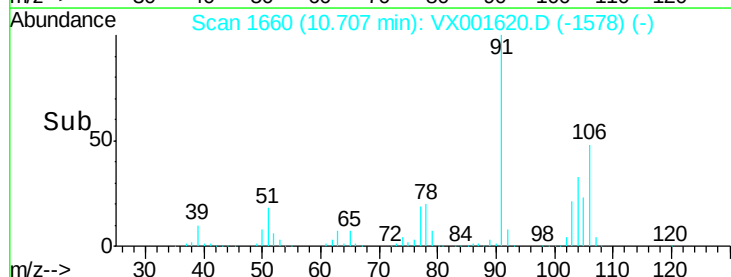
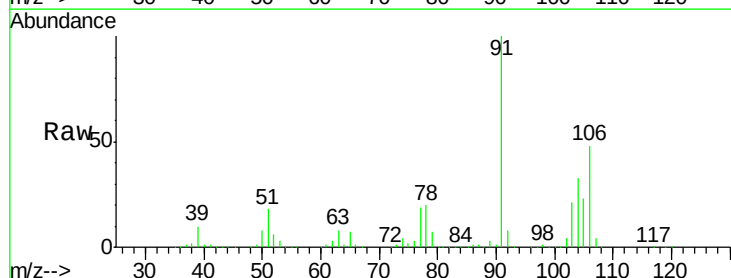
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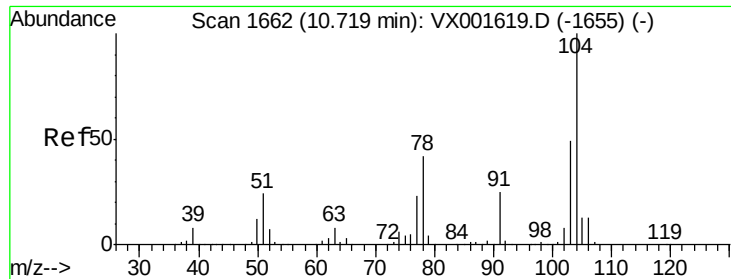
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#68
o-Xylene
Concen: 45.98 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tgt Ion:106 Resp: 281123
Ion Ratio Lower Upper
106 100
91 207.6 104.3 312.8





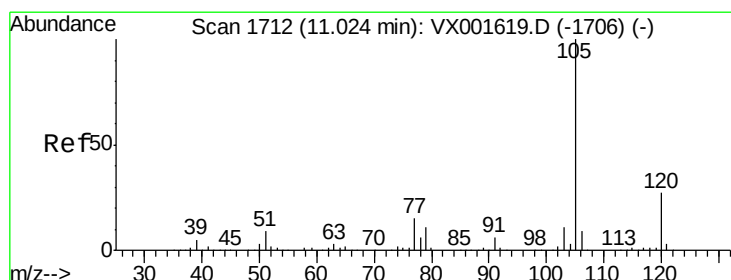
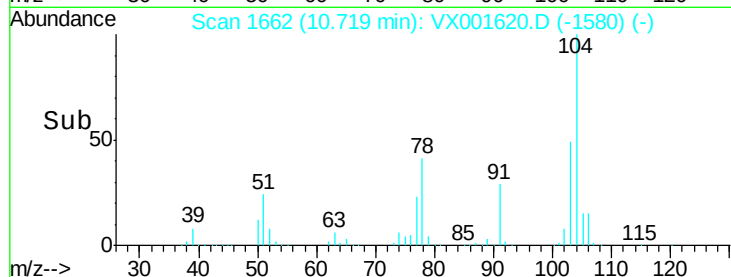
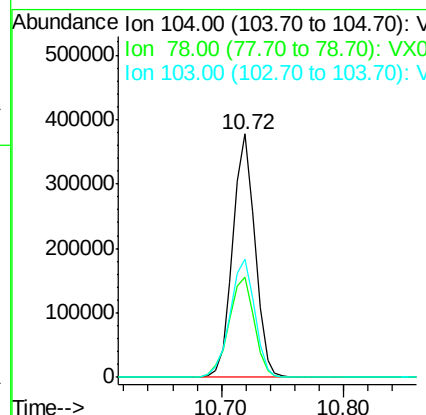
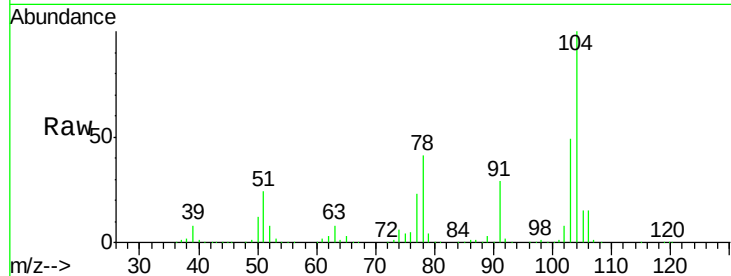
#69
Stvrene
Concen: 46.56 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.9	39.3	58.9
103	53.7	43.7	65.5

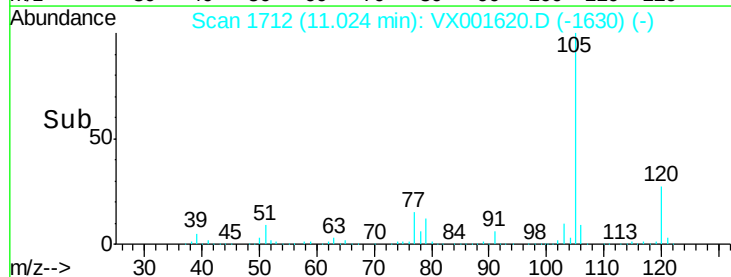
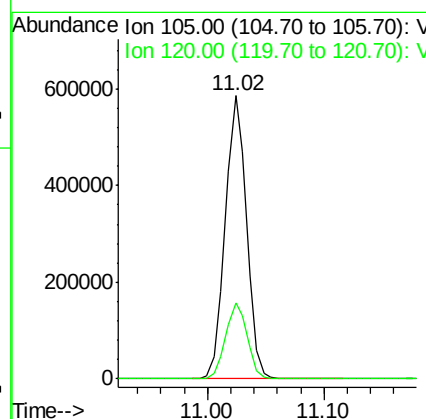
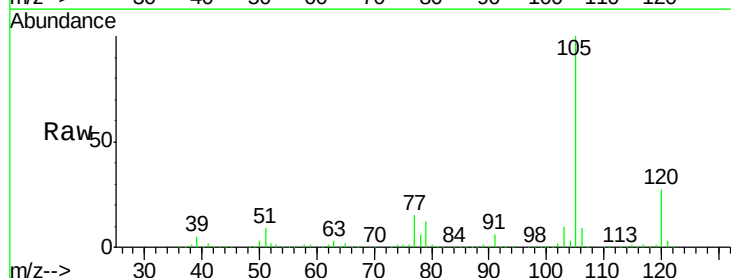
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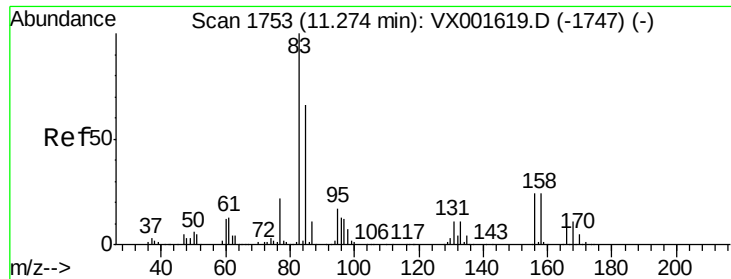
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#70
Isopropylbenzene
Concen: 44.53 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	19.1	35.5





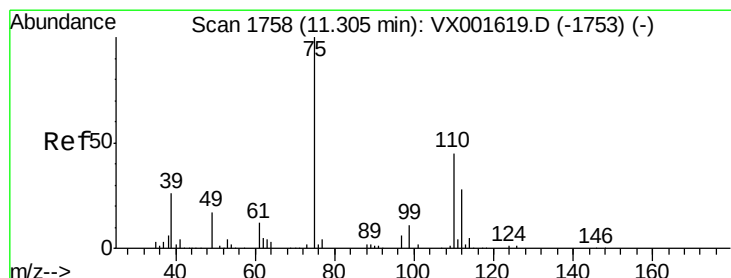
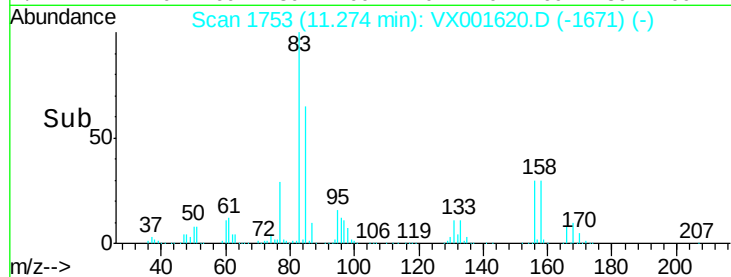
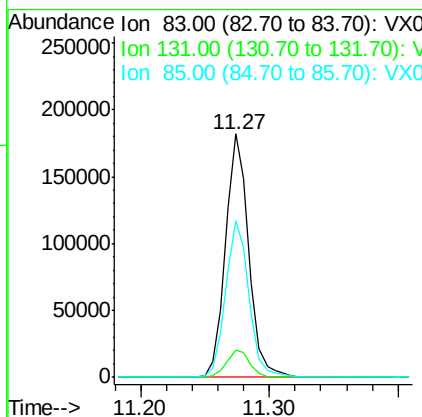
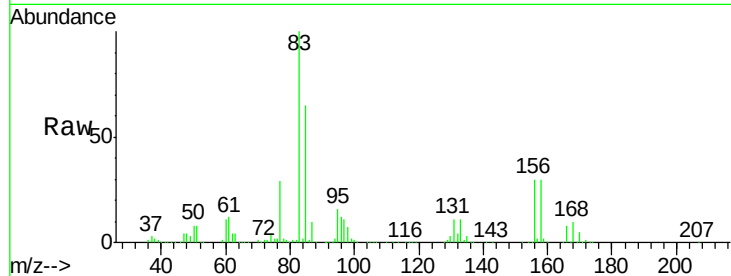
#71
 1,1,2,2-Tetrachloroethane
 Concen: 46.71 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	11.4	5.8	17.4	
85	64.8	32.4	97.2	

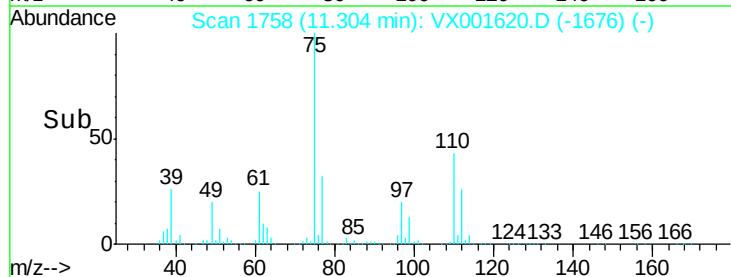
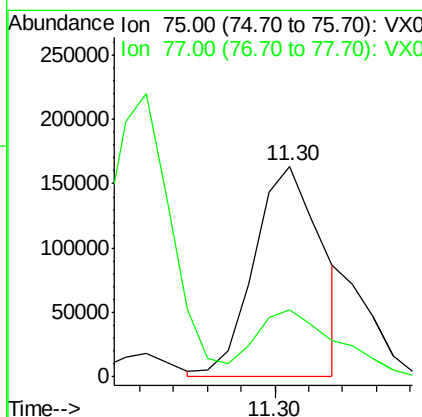
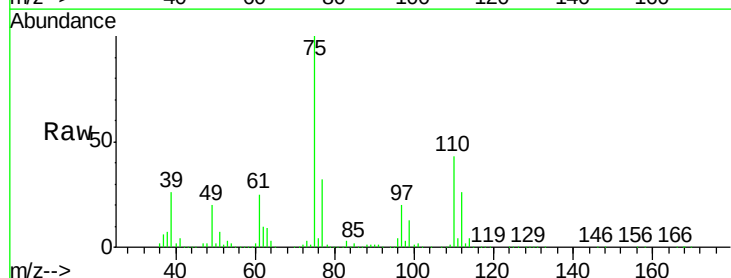
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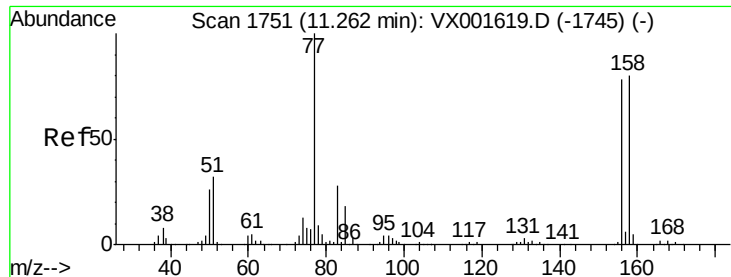
apatel
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#72
 1,2,3-Trichloropropane
 Concen: 50.46 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	36.3	0.0	73.2	





#73

Bromobenzene

Concen: 44.67 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

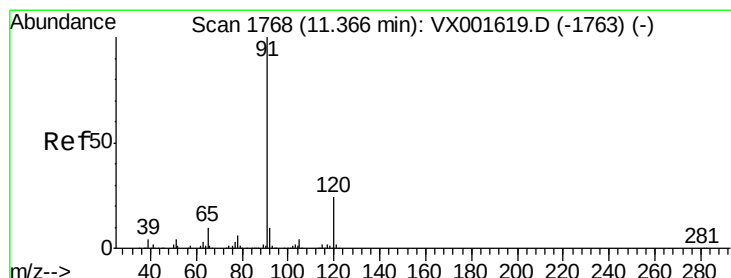
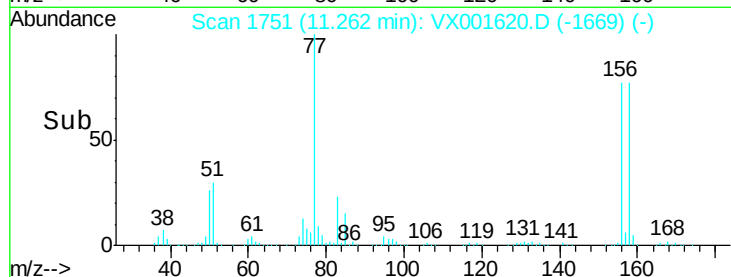
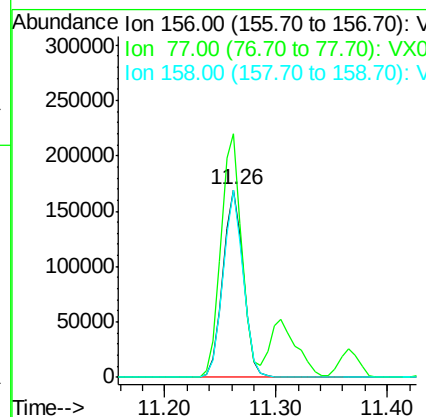
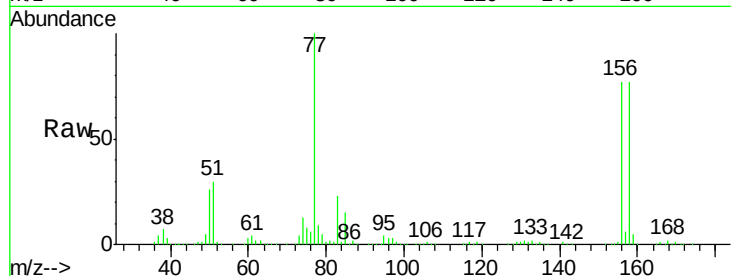
ClientSampleId :

VSTDIC050

Tot Ion:	156	Resp:	215679
Ion Ratio	Lower	Upper	
156	100		
77	132.1	0.0	266.4
158	97.5	0.0	194.4

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#74

n-propylbenzene

Concen: 43.73 ug/l

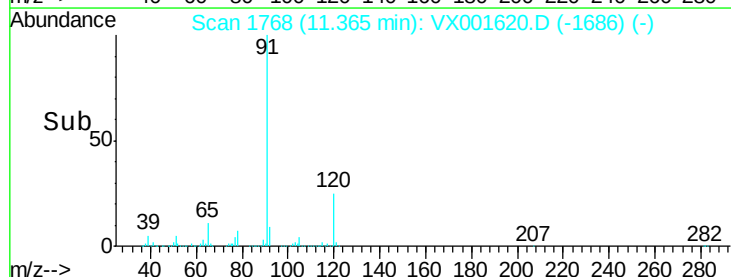
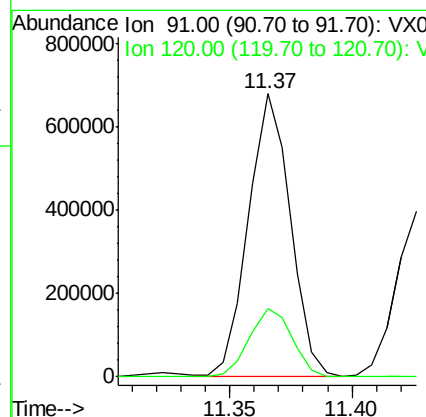
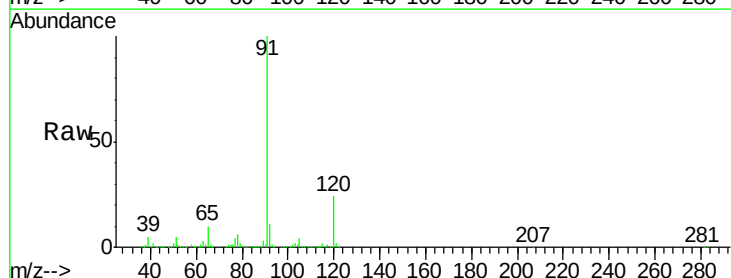
RT: 11.37 min Scan# 1768

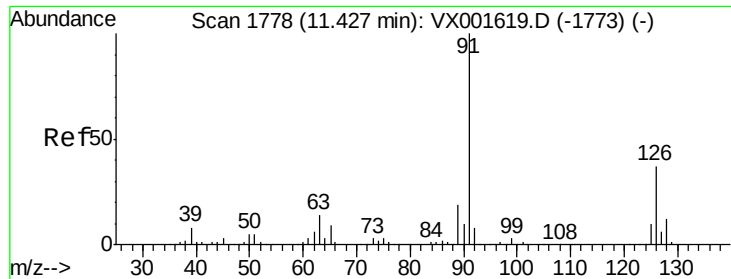
Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Tgt Ion:	91	Resp:	814269
Ion Ratio	Lower	Upper	
91	100		
120	24.6	0.0	48.0





#75

2-Chlorotoluene

Concen: 44.16 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

Tot Ion: 91 Resp: 500004

Ion Ratio Lower Upper

91 100

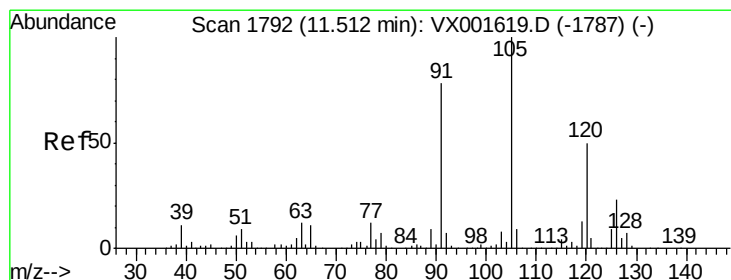
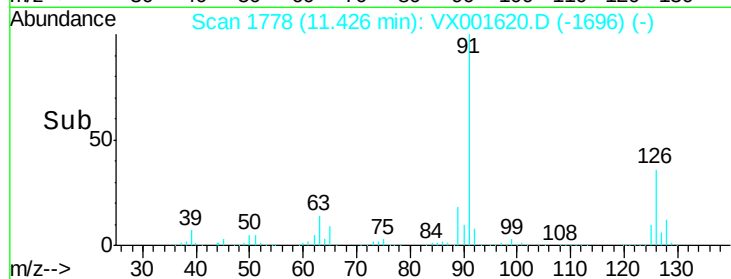
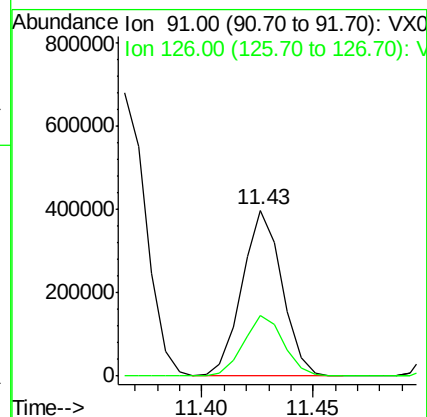
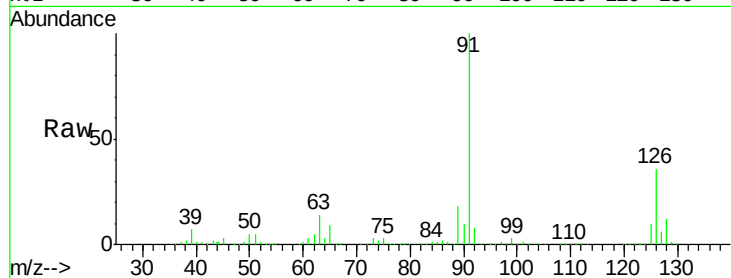
126 36.6 0.0 72.0

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#76

1,3,5-Trimethylbenzene

Concen: 44.08 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001620.D

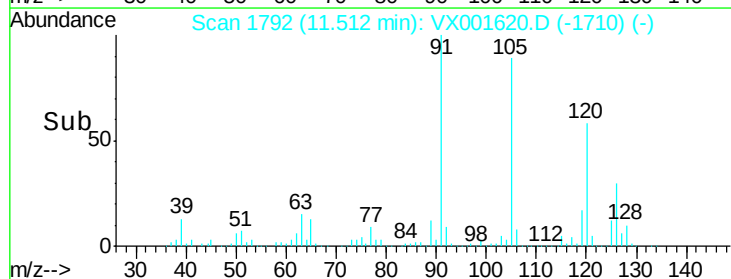
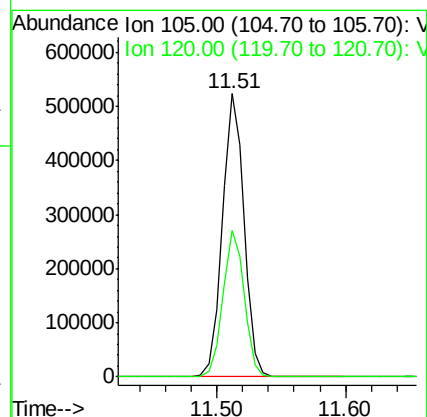
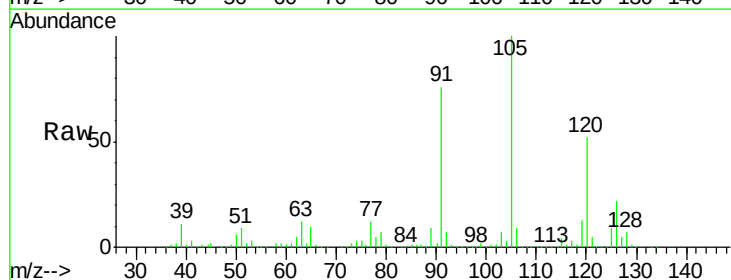
Acq: 10 May 2018 23:55

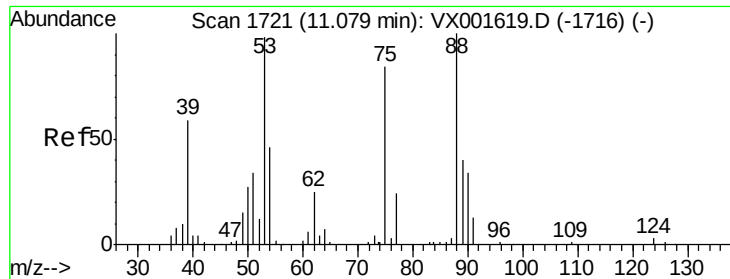
Tgt Ion: 105 Resp: 620689

Ion Ratio Lower Upper

105 100

120 51.1 0.0 101.8





#77

t-1,4-Dichloro-2-butene

Concen: 46.04 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 75 Resp: 60639

Ion Ratio Lower Upper

75 100

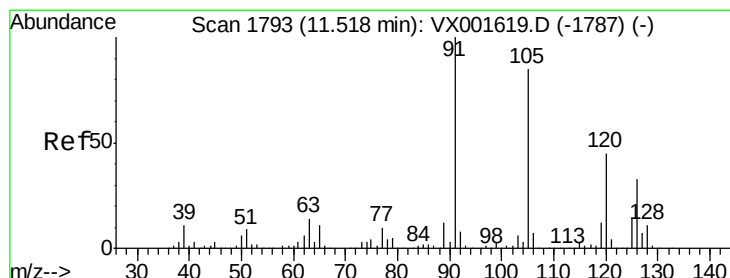
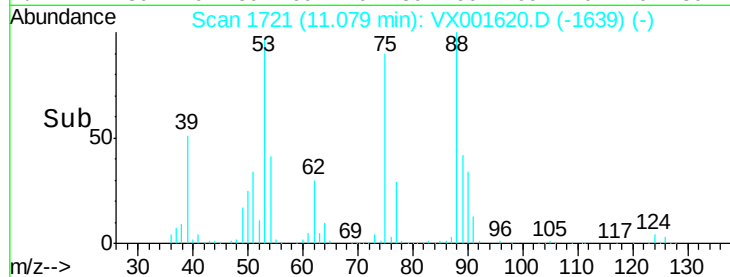
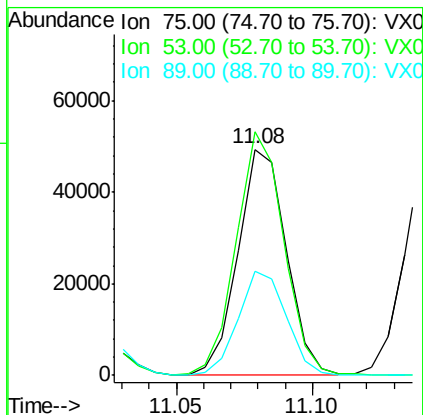
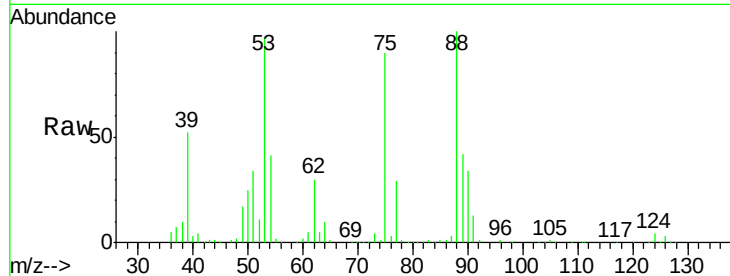
53 107.2 58.3 174.8

89 46.1 23.9 71.8

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#78

4-Chlorotoluene

Concen: 43.12 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001620.D

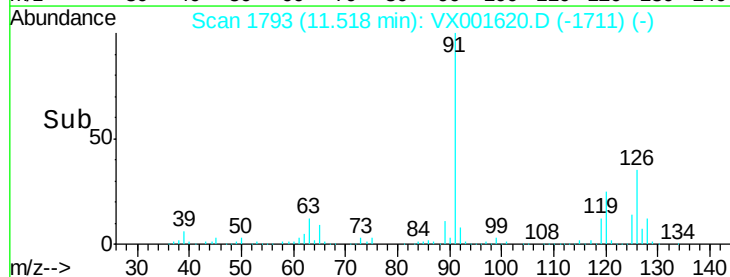
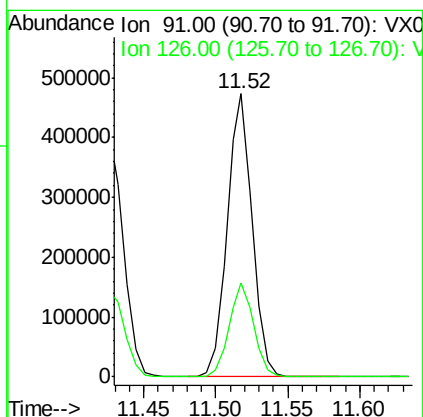
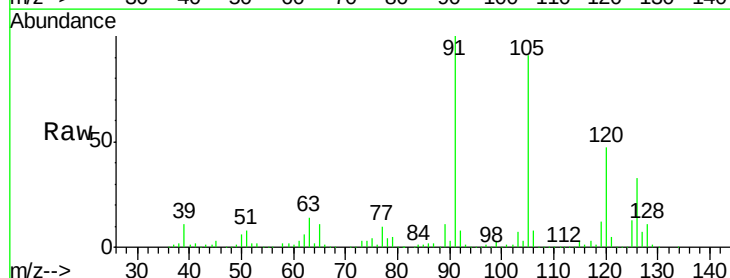
Acq: 10 May 2018 23:55

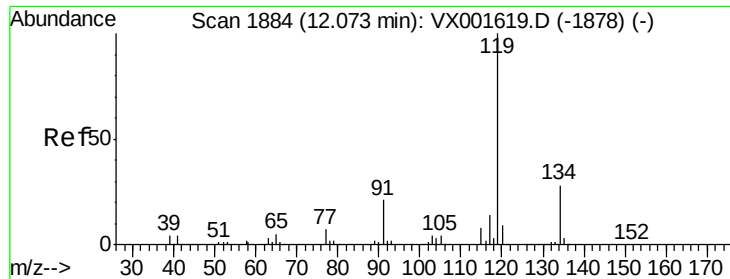
Tgt Ion: 91 Resp: 576438

Ion Ratio Lower Upper

91 100

126 32.5 0.0 64.8





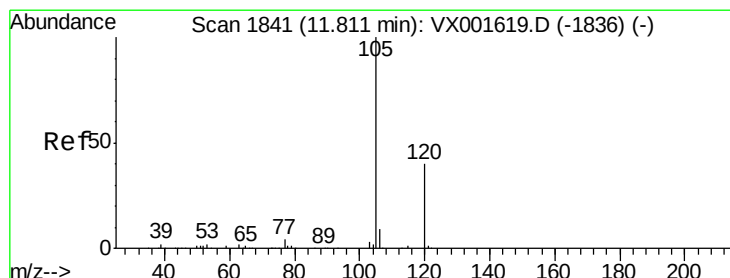
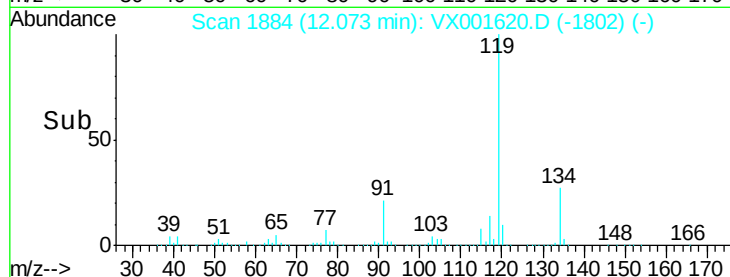
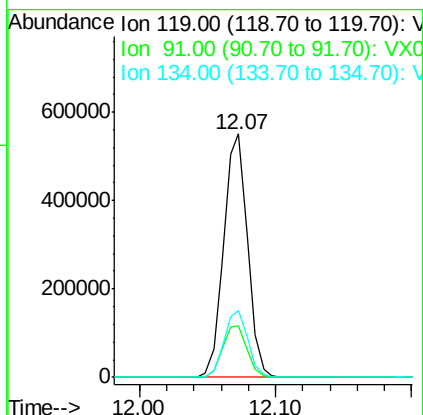
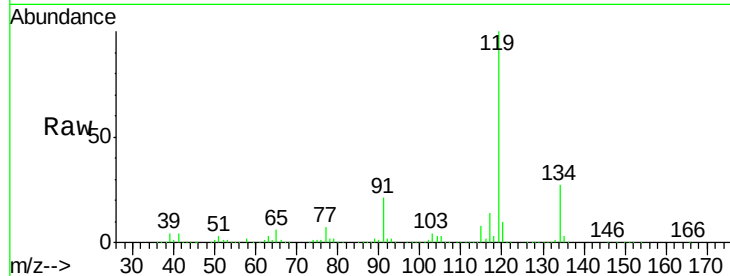
#79
tert-butylbenzene
Concen: 44.22 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	665296		
91	21.6	0.0	44.0	
134	27.0	0.0	53.8	

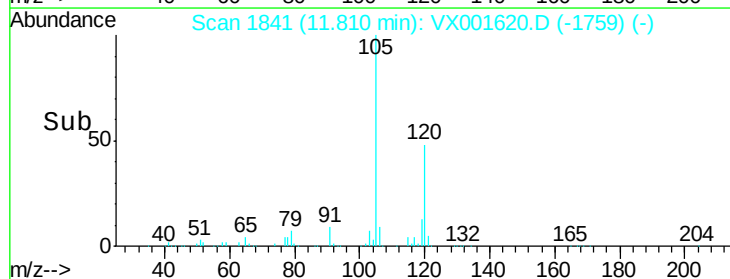
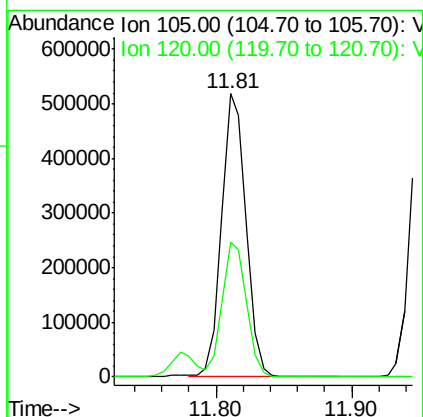
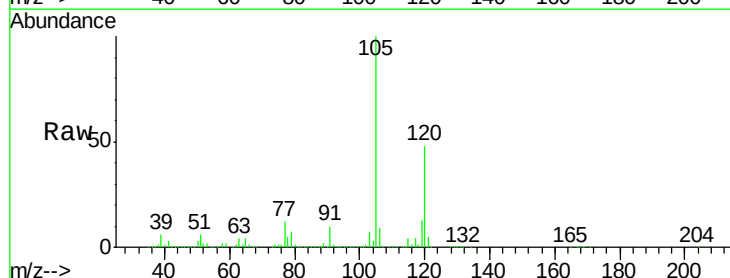
Manual Integrations
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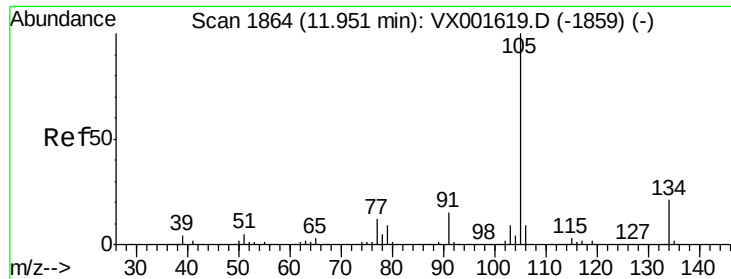
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 44.75 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001620.D
Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	639720		
120	47.3	0.0	94.0	





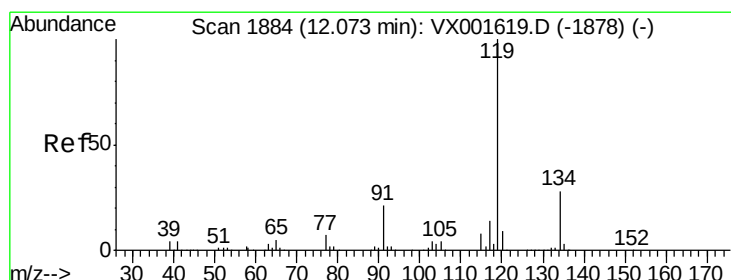
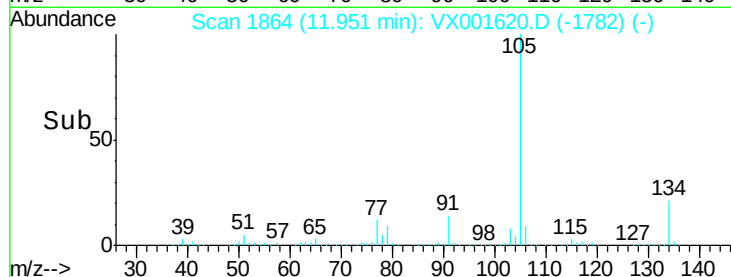
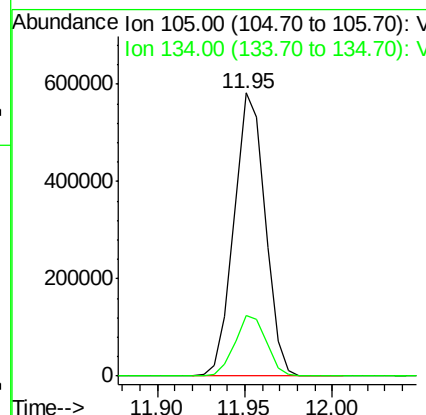
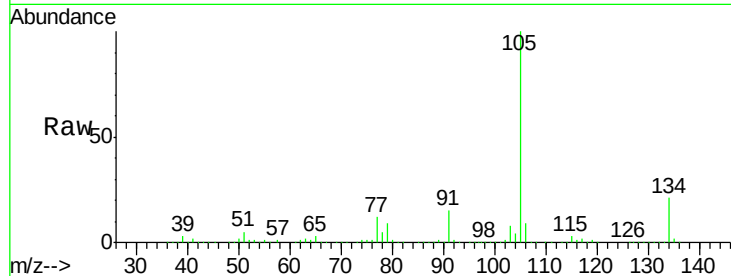
#81
 sec-Butylbenzene
 Concen: 44.35 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.6	0.0	43.4

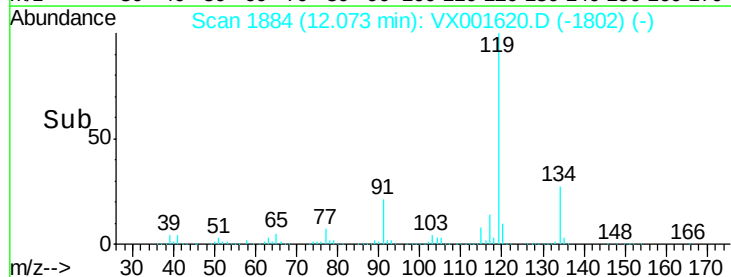
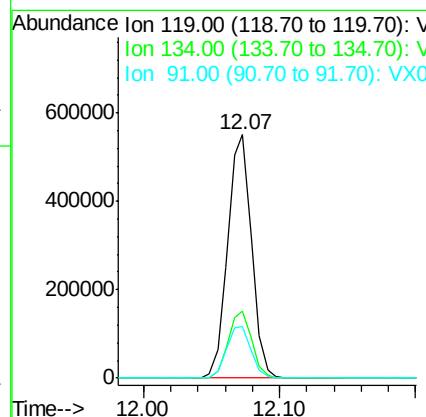
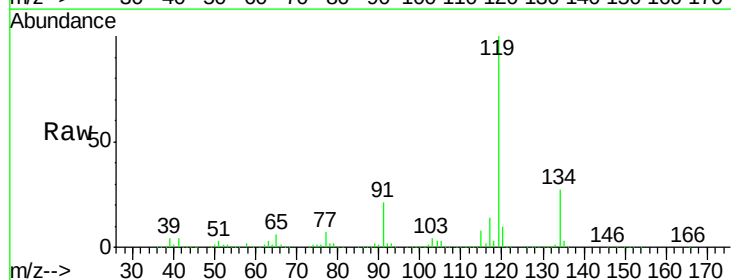
Manual Integrations
 APPROVED

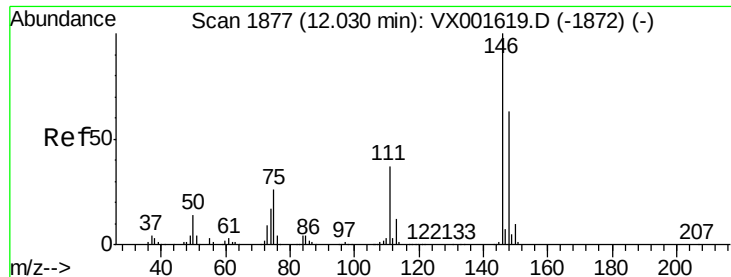
apatel
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#82
 p-Isopropyltoluene
 Concen: 44.22 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	0.0	53.8
91	21.6	0.0	44.0





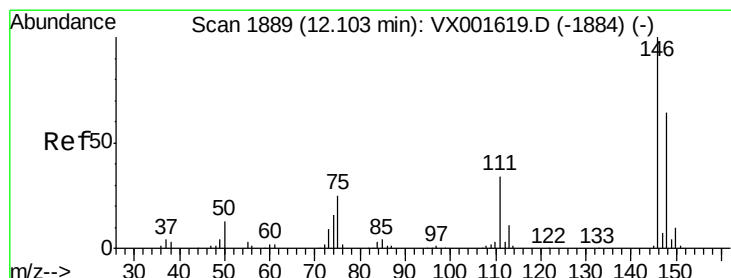
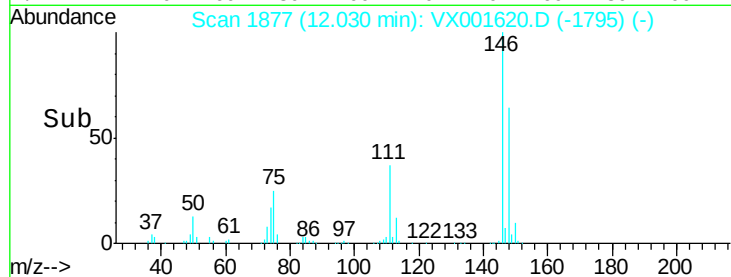
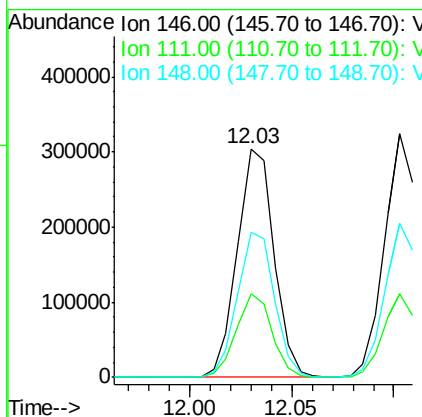
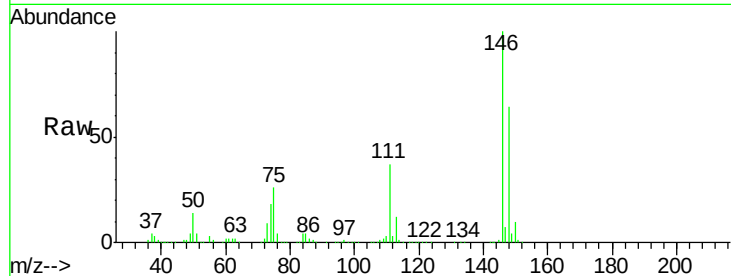
#83
 1,3-Dichlorobenzene
 Concen: 43.63 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.1
148	63.9	32.2	96.6

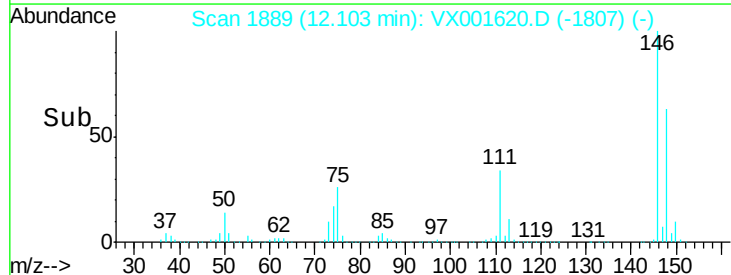
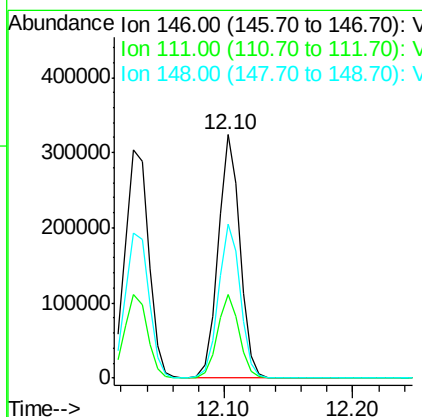
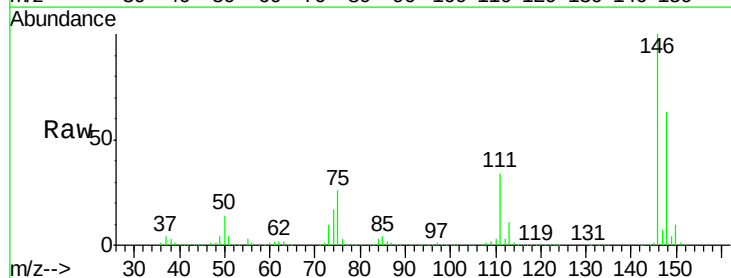
Manual Integrations
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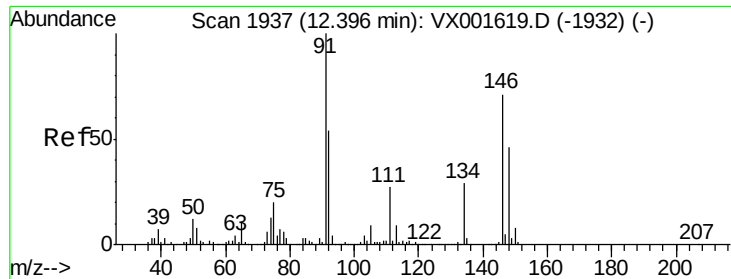
apatel
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#84
 1,4-Dichlorobenzene
 Concen: 43.48 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.1	17.4	52.3
148	63.5	32.5	97.4





#85

n-Butylbenzene

Concen: 41.55 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

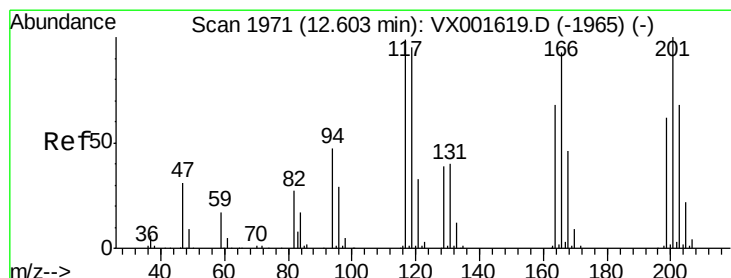
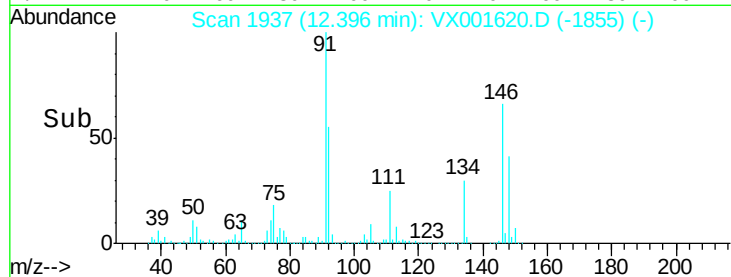
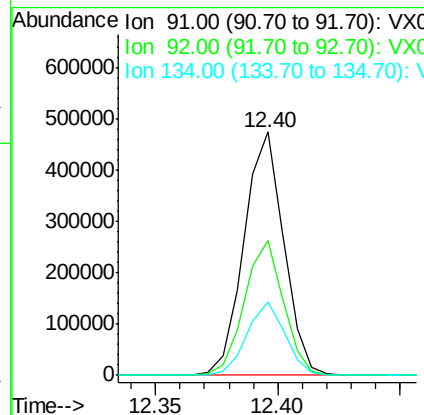
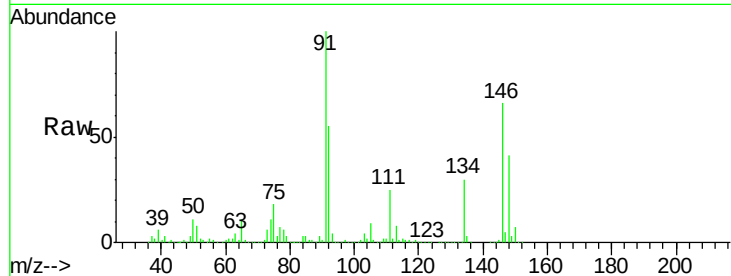
ClientSampleId :

VSTDIC050

Tot Ion:	91	Resp:	533431
Ion Ratio	Lower	Upper	
91	100		
92	54.7	0.0	107.8
134	29.4	0.0	56.8

Manual Integrations
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#86

Hexachloroethane

Concen: 44.45 ug/l

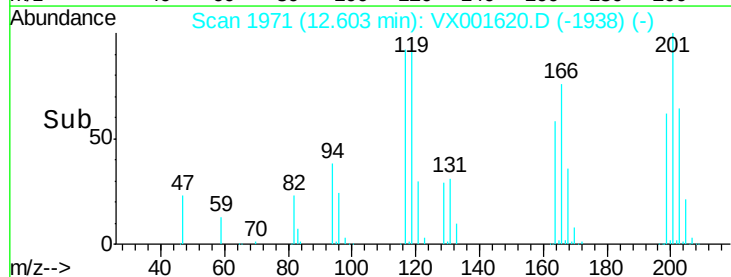
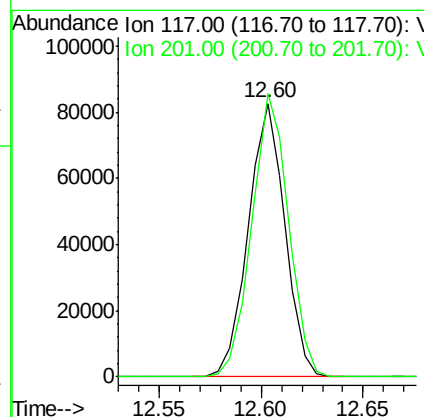
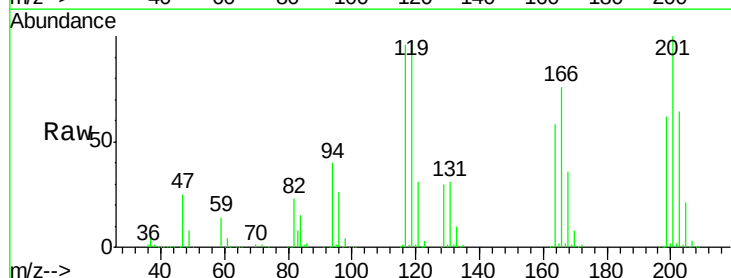
RT: 12.60 min Scan# 1971

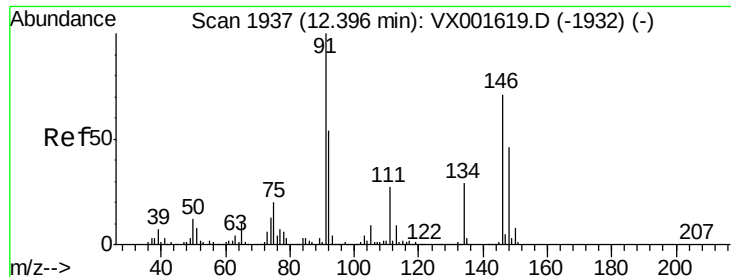
Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Tgt Ion:	117	Resp:	102910
Ion Ratio	Lower	Upper	
117	100		
201	103.9	50.1	150.3





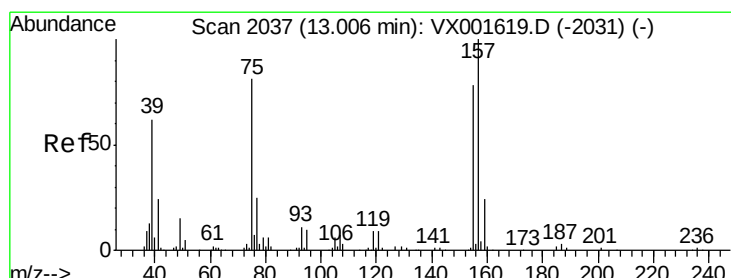
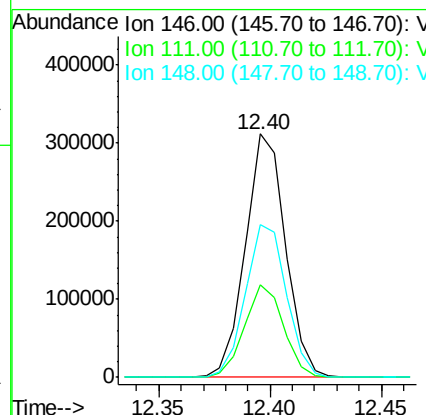
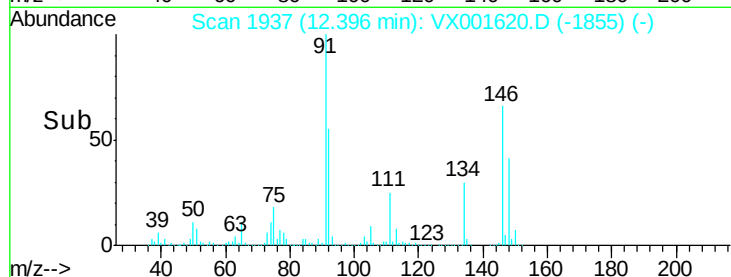
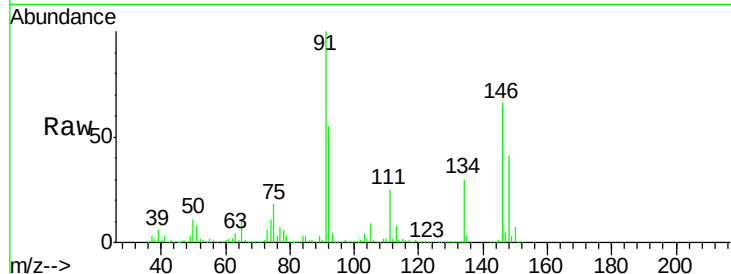
#87
 1,2-Dichlorobenzene
 Concen: 44.74 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	391399		
111	37.5	18.7	56.1	
148	64.4	32.1	96.5	

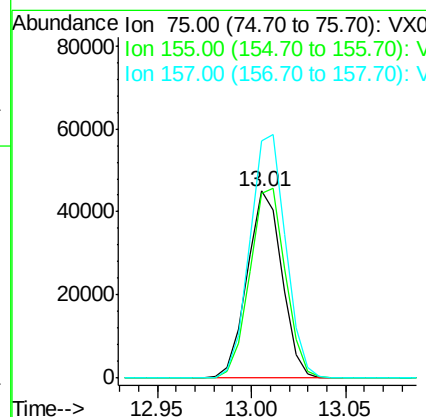
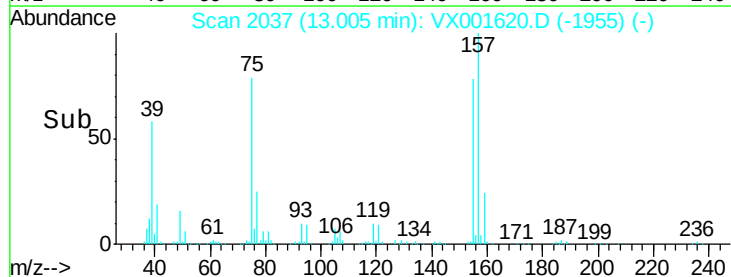
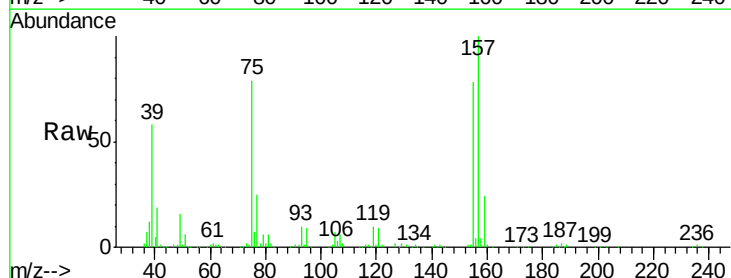
Manual Integrations
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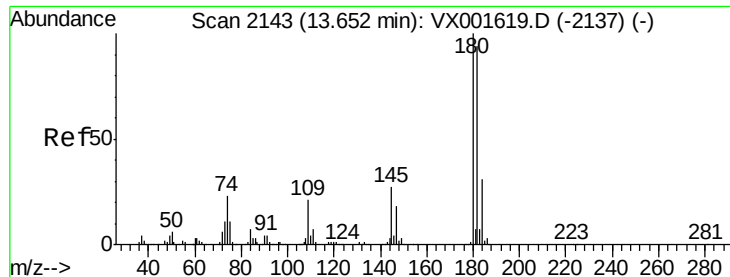
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 54.40 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	57533		
155	104.0	79.8	119.8	
157	134.3	105.4	158.2	





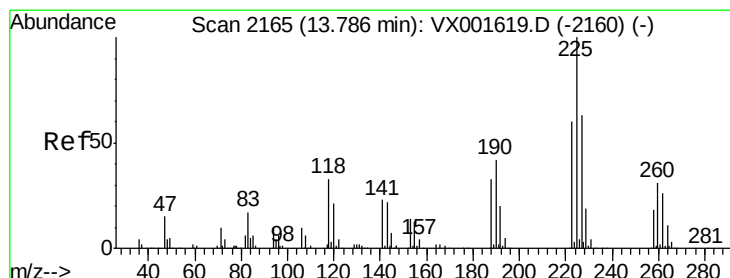
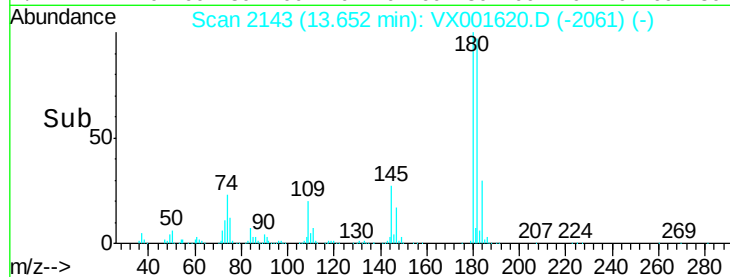
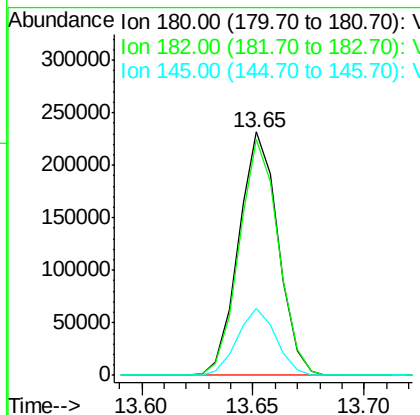
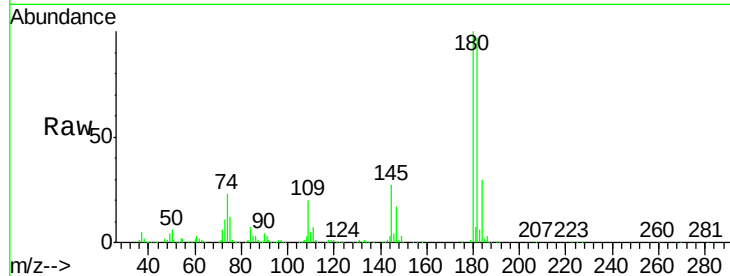
#89
 1,2,4-Trichlorobenzene
 Concen: 43.88 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	286413		
182	96.1	76.6	115.0	
145	26.9	21.5	32.3	

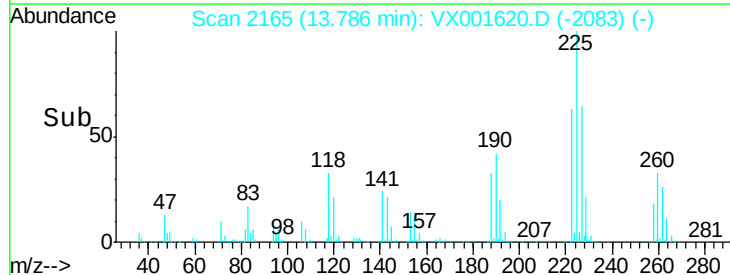
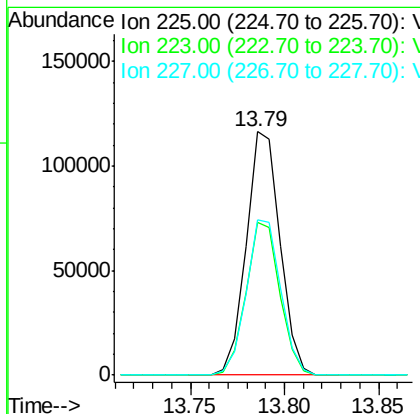
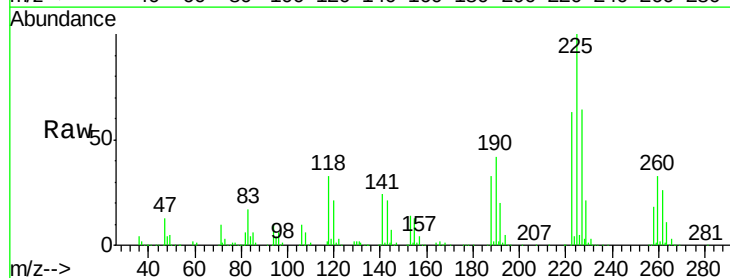
Manual Integrations
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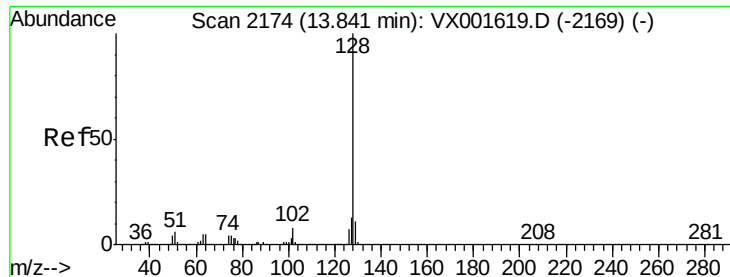
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#90
 Hexachlorobutadiene
 Concen: 46.19 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001620.D
 Acq: 10 May 2018 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144663		
223	62.6	0.0	120.2	
227	64.9	0.0	126.6	





#91

Naphthalene

Concen: 50.47 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Instrument :

MSVOA_X

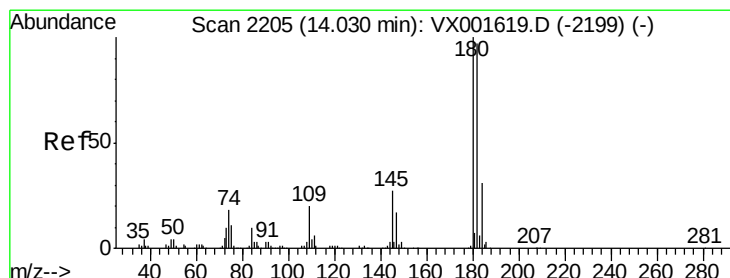
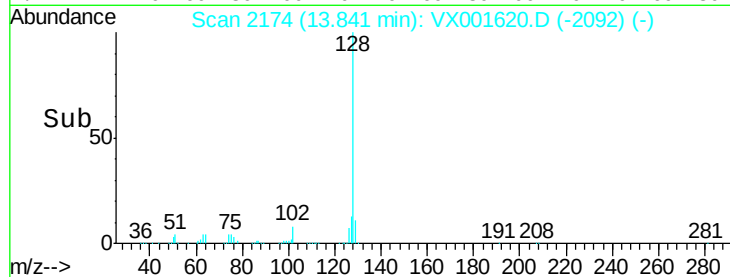
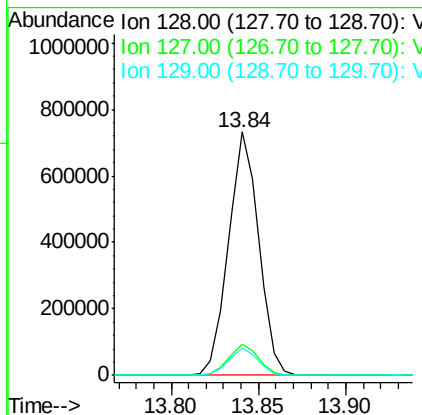
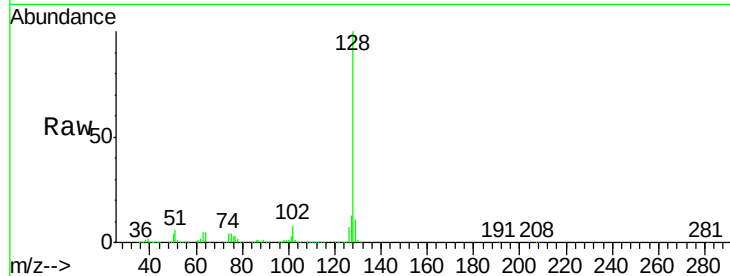
ClientSampleId :

VSTDIC050

Tot Ion:	128	Resp:	877055
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 46.00 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX001620.D

Acq: 10 May 2018 23:55

Tgt Ion:	180	Resp:	300936
Ion Ratio	Lower	Upper	
180	100		
182	96.4	0.0	192.2
145	28.3	0.0	56.0

