

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001415.D
 Acq On : 05 May 2018 12:57
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 5/8/2018 7:53:31 AM

Quant Time: May 06 07:49:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	229572	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	76952	21.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.70%	
35) Dibromofluoromethane	5.51	113	62031	21.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.16%	
50) Toluene-d8	8.72	98	227022	21.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.30%	
62) 4-Bromofluorobenzene	11.14	95	85825	20.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	73687	24.995	ug/l	100
3) Chloromethane	1.32	50	68948	23.786	ug/l	100
4) Vinyl Chloride	1.40	62	73889	24.363	ug/l	100
5) Bromomethane	1.64	94	45028	18.853	ug/l	97
6) Chloroethane	1.72	64	47403	24.467	ug/l	98
7) Trichlorofluoromethane	1.93	101	110105	21.895	ug/l	98
8) Diethyl Ether	2.19	74	41343	23.448	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63060	21.651	ug/l	99
10) Methyl Iodide	2.51	142	88737	27.671	ug/l	99
11) Tert butyl alcohol	3.08	59	81005	125.978	ug/l	98
12) 1,1-Dichloroethene	2.37	96	58691	22.285	ug/l	98
13) Acrolein	2.30	56	15615	49.511	ug/l	98
14) Allyl chloride	2.73	41	107982	23.237	ug/l	98
15) Acrylonitrile	3.15	53	175325	118.574	ug/l	98
16) Acetone	2.45	43	170160	110.503	ug/l	100
17) Carbon Disulfide	2.57	76	143709	20.886	ug/l	99
18) Methyl Acetate	2.78	43	89695	24.196	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	201010	22.390	ug/l	100
20) Methylene Chloride	2.86	84	65532	19.549	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	63184	21.995	ug/l	99
22) Diisopropyl ether	3.88	45	194233	21.808	ug/l	99
23) Vinyl Acetate	3.83	43	819148	108.651	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111261	22.372	ug/l	99
25) 2-Butanone	4.72	43	245437	116.029	ug/l	98
26) 2,2-Dichloropropane	4.59	77	84538	21.032	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	68223	21.686	ug/l	97
28) Bromochloromethane	5.02	49	48706	22.138	ug/l	96
29) Tetrahydrofuran	5.18	42	154370	117.726	ug/l	99
30) Chloroform	5.22	83	114397	21.859	ug/l	96
31) Cyclohexane	5.57	56	95256	21.306	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	99705	21.794	ug/l	99
36) 1,1-Dichloropropene	5.80	75	83840	20.980	ug/l	100
37) Ethyl Acetate	4.87	43	92042	22.545	ug/l	99
38) Carbon Tetrachloride	5.79	117	89903	21.385	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100860	21.330	ug/l	97
40) Benzene	6.15	78	251800	21.870	ug/l	99
41) Methacrylonitrile	5.07	41	51967	21.908	ug/l	99
42) 1,2-Dichloroethane	6.20	62	96892	21.714	ug/l	100
43) Isopropyl Acetate	6.48	43	141006	21.540	ug/l	100
44) Trichloroethene	7.22	130	77353	21.958	ug/l	98
45) 1,2-Dichloropropane	7.52	63	62698	21.382	ug/l	99
46) Dibromomethane	7.67	93	44286	21.448	ug/l	100
47) Bromodichloromethane	7.90	83	82870	22.296	ug/l	98
48) Methyl methacrylate	7.79	41	77025	21.978	ug/l	98
49) 1,4-Dioxane	7.76	88	34951	516.232	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	485547	114.679	ug/l	100
52) Toluene	8.79	92	163914	21.769	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	93216	21.171	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	83917	20.801	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	65365	21.605	ug/l	99
56) Ethyl methacrylate	9.19	69	91841	21.695	ug/l	97
57) 1,3-Dichloropropane	9.38	76	110969	22.630	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	241893	117.591	ug/l	99
59) 2-Hexanone	9.51	43	371940	112.751	ug/l	99
60) Dibromochloromethane	9.59	129	66525	20.977	ug/l	98
61) 1,2-Dibromoethane	9.68	107	69877	21.740	ug/l	99
64) Tetrachloroethene	9.34	164	93960	23.476	ug/l	100
65) Chlorobenzene	10.15	112	187905	20.818	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	68991	21.953	ug/l	99
67) Ethyl Benzene	10.26	91	312294	21.033	ug/l	98
68) m/p-Xylenes	10.37	106	249446	42.615	ug/l	100
69) o-Xylene	10.71	106	118931	20.884	ug/l	96
70) Styrene	10.72	104	197346	21.202	ug/l	100
71) Bromoform	10.86	173	52967	19.964	ug/l	99
73) Isopropylbenzene	11.02	105	325335	20.965	ug/l	100
74) N-amyl acetate	6.48	43	141006	21.104	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	90978	19.729	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	92074m	21.464	ug/l	
77) Bromobenzene	11.26	156	91482	20.535	ug/l	99
78) n-propylbenzene	11.37	91	355730	20.703	ug/l	99
79) 2-Chlorotoluene	11.43	91	215164	20.719	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	273074	21.067	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21581	19.218	ug/l	88
82) 4-Chlorotoluene	11.52	91	249394	20.078	ug/l	100
83) tert-Butylbenzene	11.77	119	260167	20.132	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	282329	21.224	ug/l	99
85) sec-Butylbenzene	11.95	105	325062	20.979	ug/l	100
86) p-Isopropyltoluene	12.07	119	296605	20.834	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	165398	19.864	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	166020	19.415	ug/l	99
89) n-Butylbenzene	12.40	91	241852	19.633	ug/l	100
90) Hexachloroethane	12.60	117	41688	20.209	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	167250	20.185	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20297	21.526	ug/l	98

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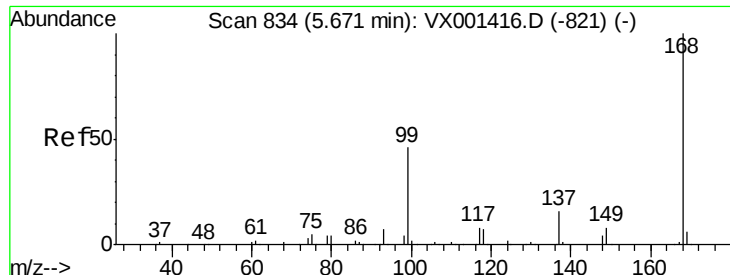
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	120287	18.156	ug/l	100
94) Hexachlorobutadiene	13.79	225	65926	18.961	ug/l	99
95) Naphthalene	13.84	128	341962	20.169	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125975	19.289	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 258011

Ion Ratio Lower Upper

168 100

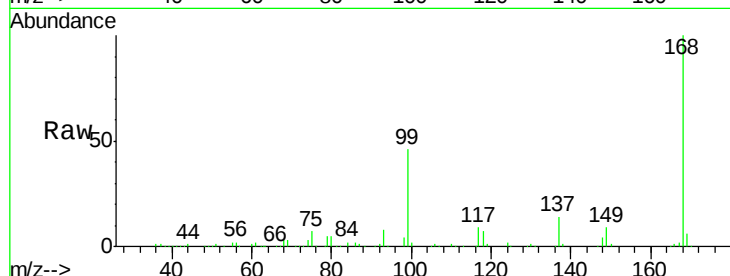
99 46.3 36.6 54.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

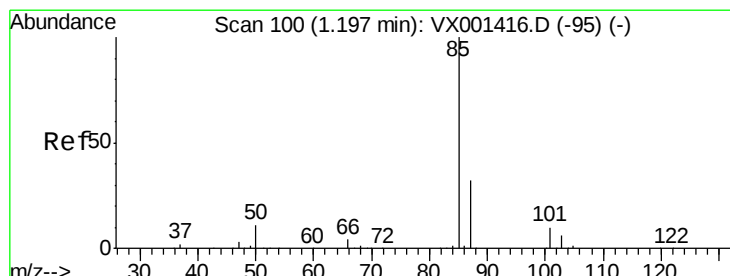
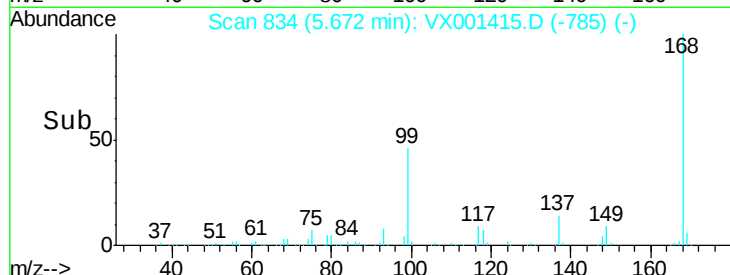
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 24.995 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001415.D

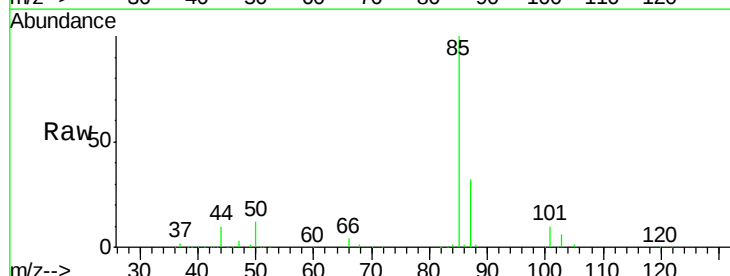
Acq: 05 May 2018 12:57

Tgt Ion: 85 Resp: 73687

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

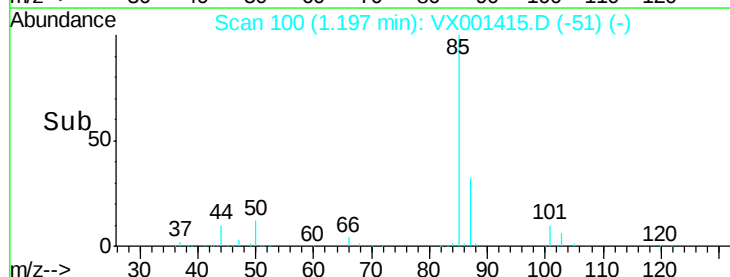
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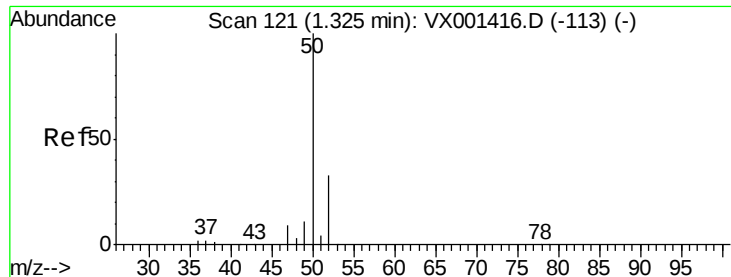
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 23.786 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 68948

Ion Ratio Lower Upper

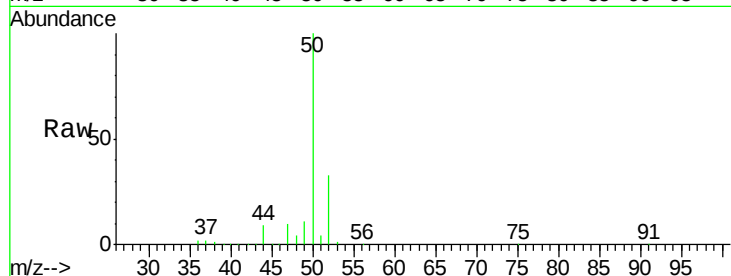
50 100

52 32.6 26.2 39.4

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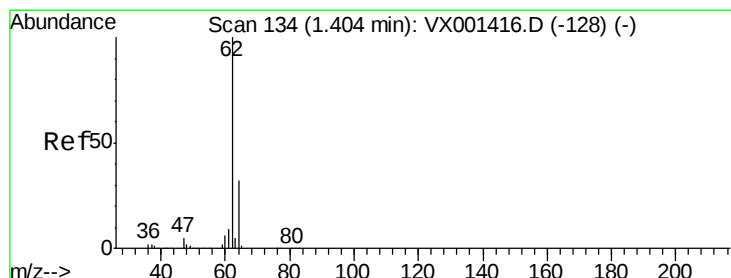
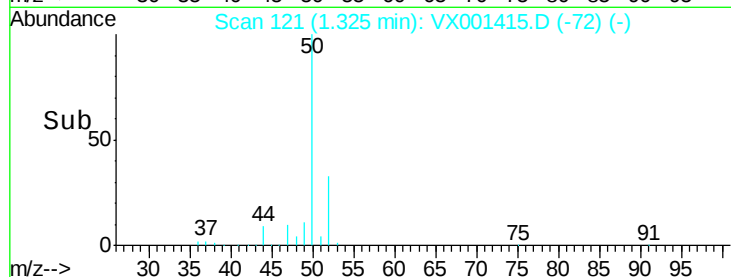
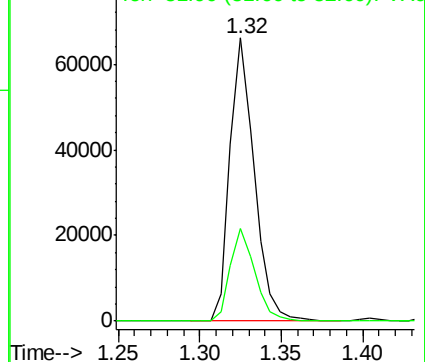
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 24.363 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001415.D

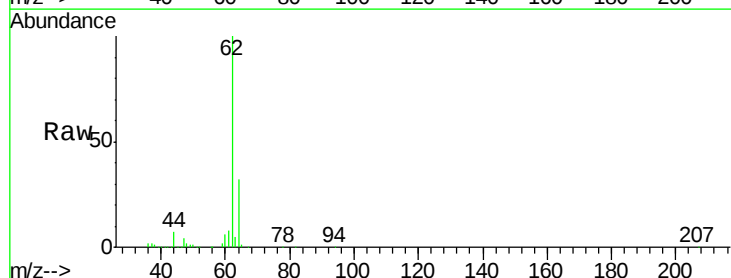
Acq: 05 May 2018 12:57

Tgt Ion: 62 Resp: 73889

Ion Ratio Lower Upper

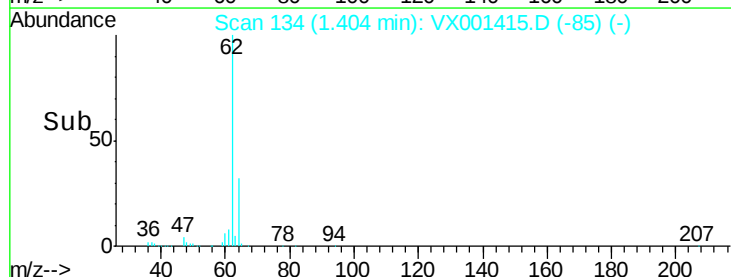
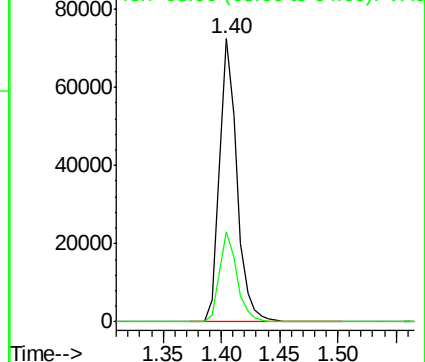
62 100

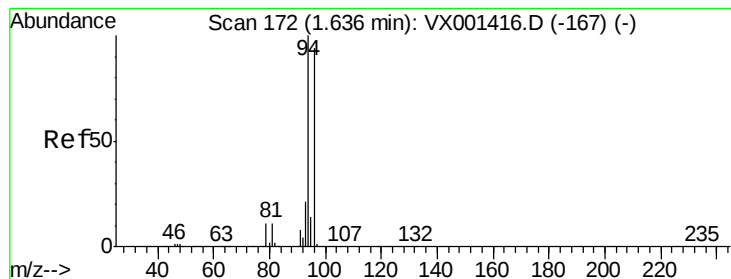
64 32.0 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.853 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 45028

Ion Ratio Lower Upper

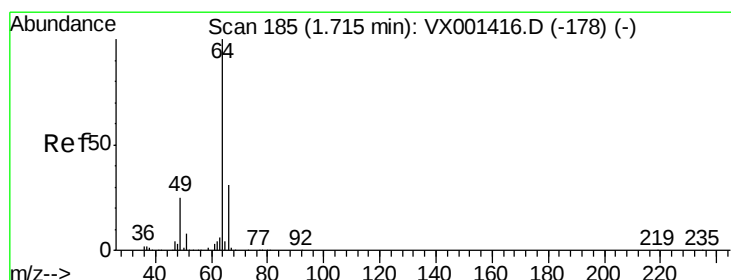
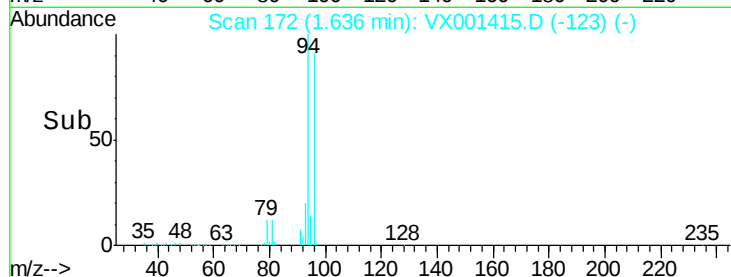
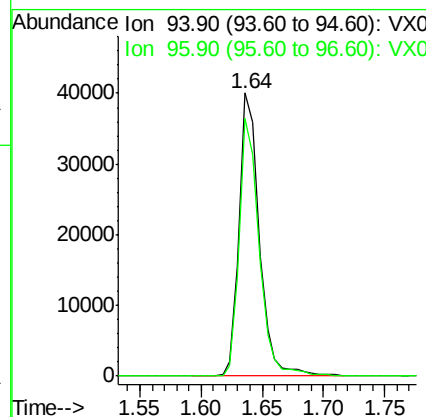
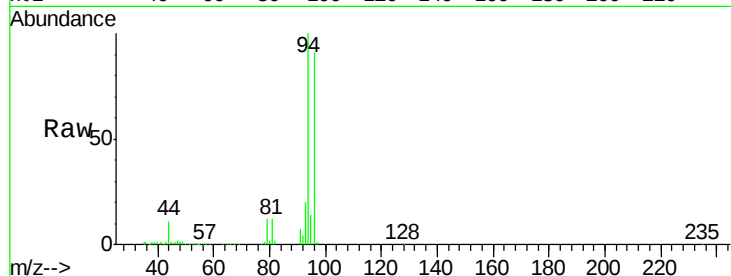
94 100

96 91.2 75.0 112.6

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#6

Chloroethane

Concen: 24.467 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001415.D

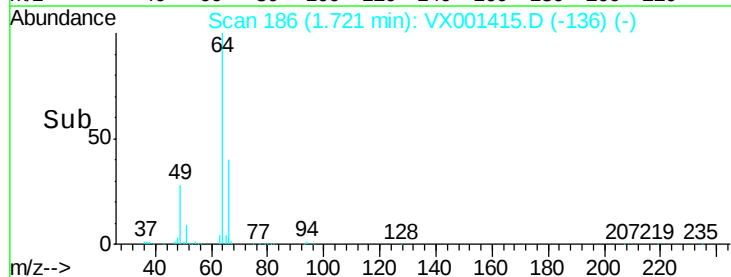
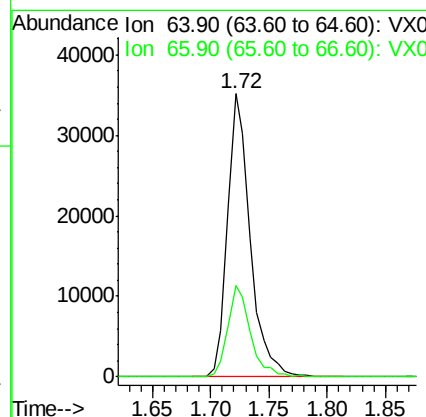
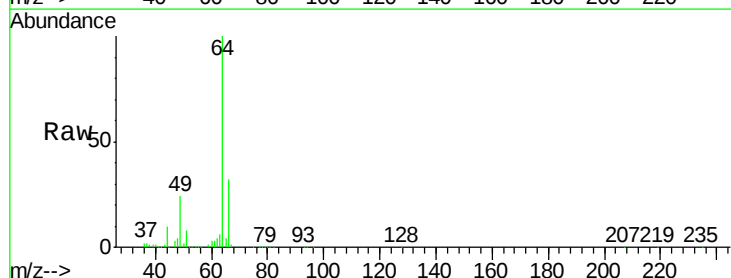
Acq: 05 May 2018 12:57

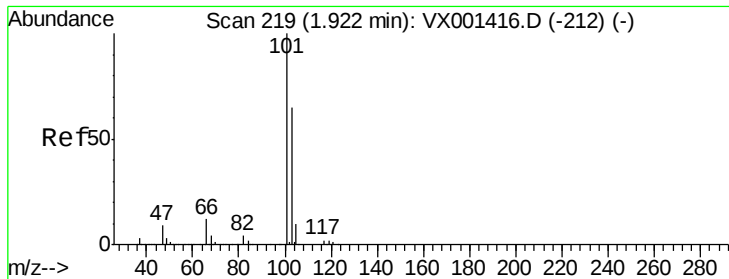
Tgt Ion: 64 Resp: 47403

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7





#7

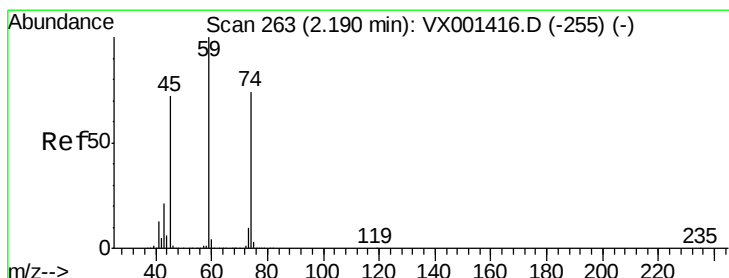
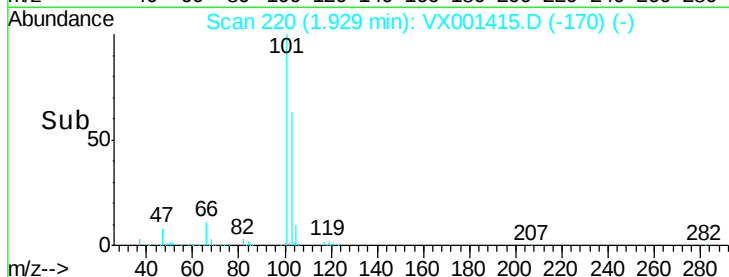
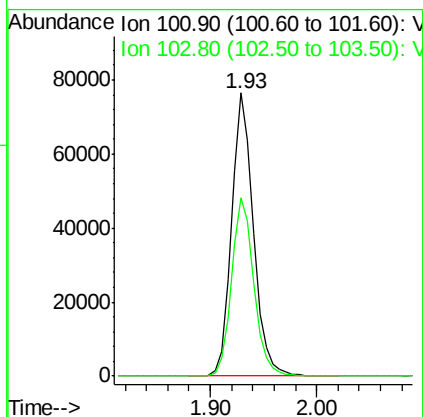
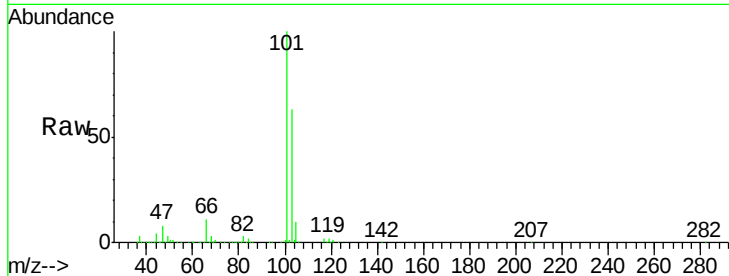
Trichlorofluoromethane
Concen: 21.895 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

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VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	110105		
103	63.1	52.0	78.0	

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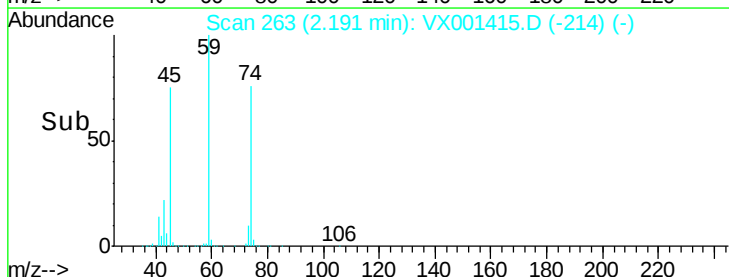
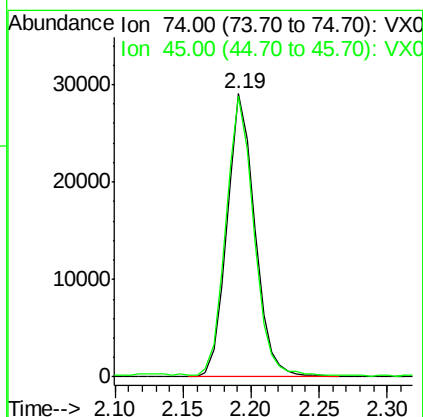
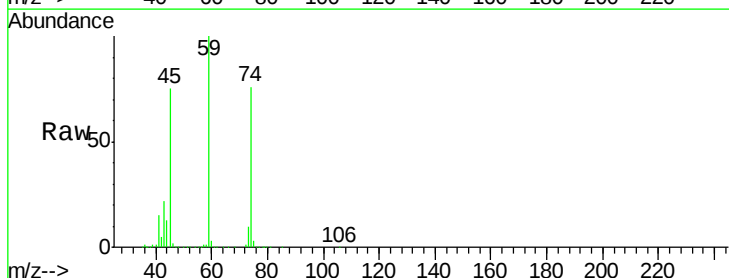
apatel
5/8/2018 7:53:31 AM

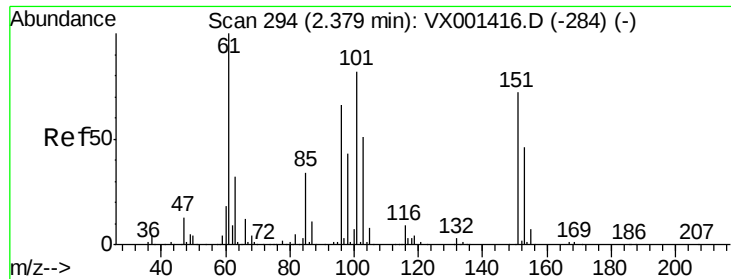


#8

Diethyl Ether
Concen: 23.448 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	41343		
45	99.6	47.9	143.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.651 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

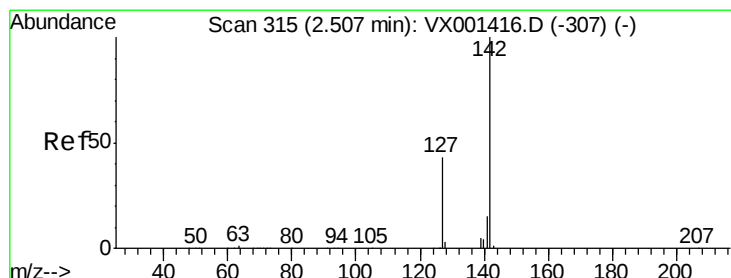
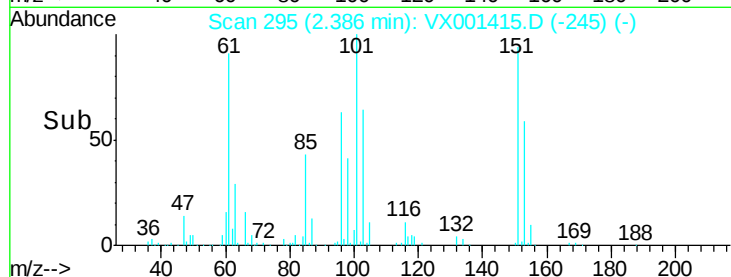
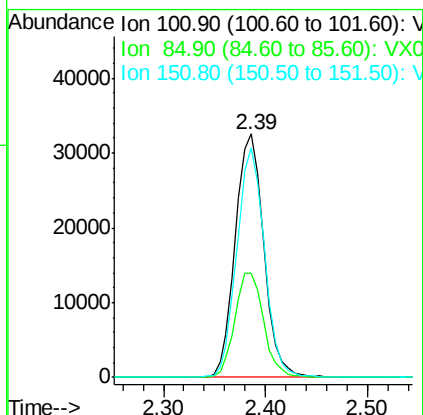
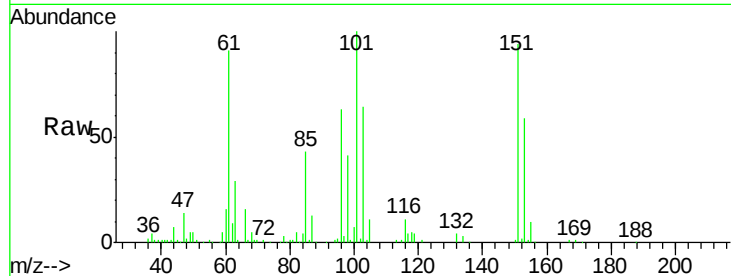
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	63060
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.7	50.5
151	91.3	72.3	108.5

Manual Integrations
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#10

Methyl Iodide

Concen: 27.671 ug/l

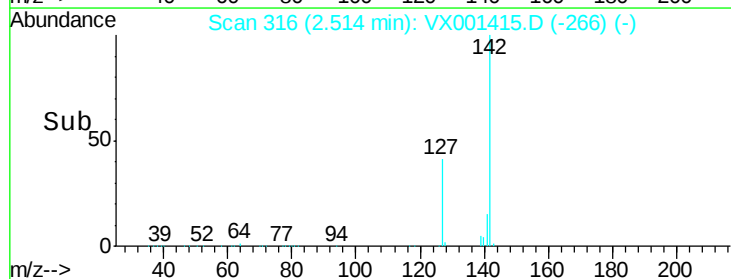
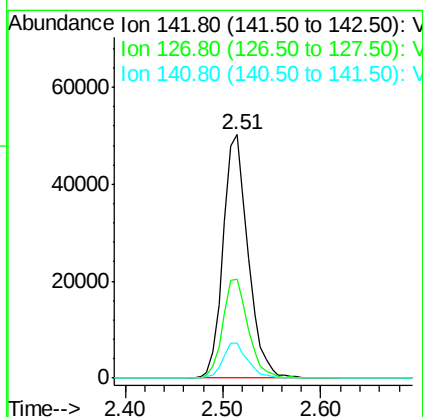
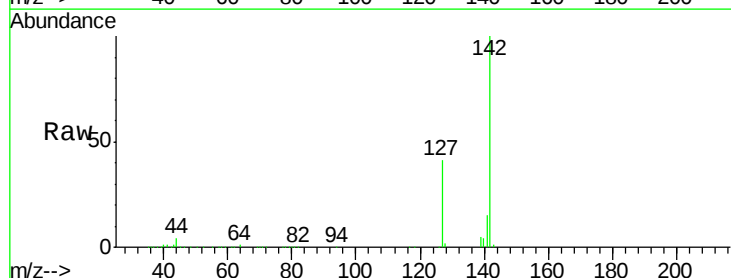
RT: 2.51 min Scan# 316

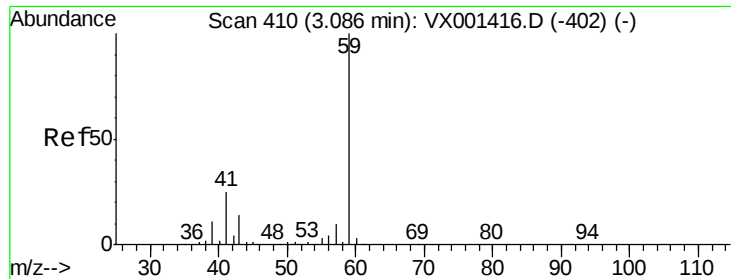
Delta R.T. 0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Tgt Ion:	142	Resp:	88737
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.6	50.4
141	14.4	11.4	17.2





#11

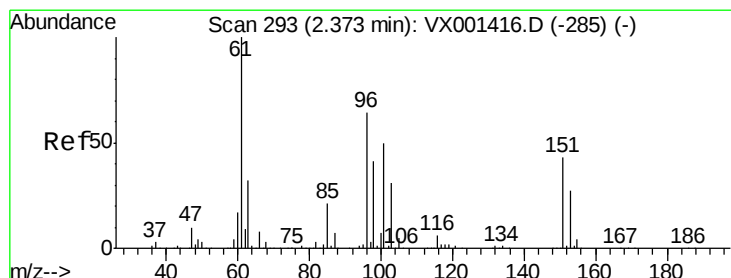
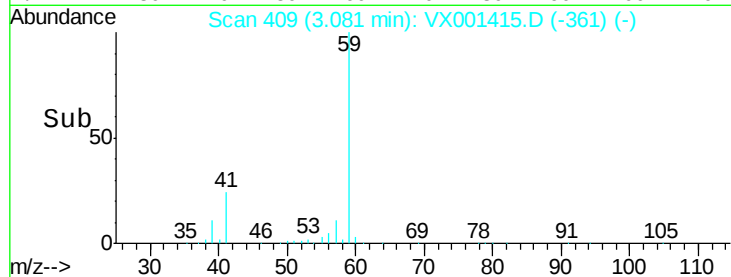
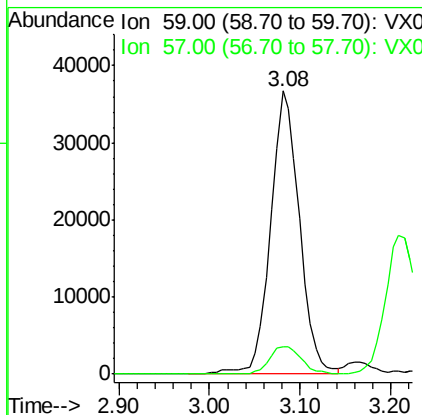
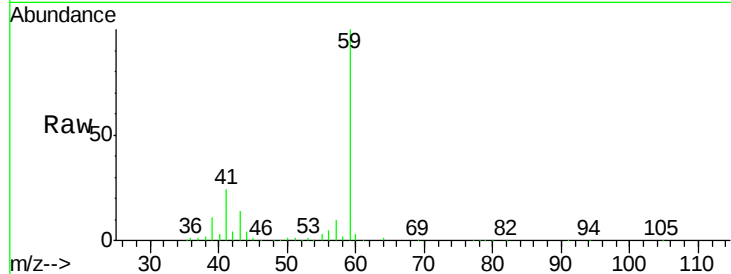
Tert butyl alcohol
Concen: 125.978 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	59	Resp	81005
Ion Ratio	100	Lower	Upper
57	10.9	8.2	12.4

Manual Integrations
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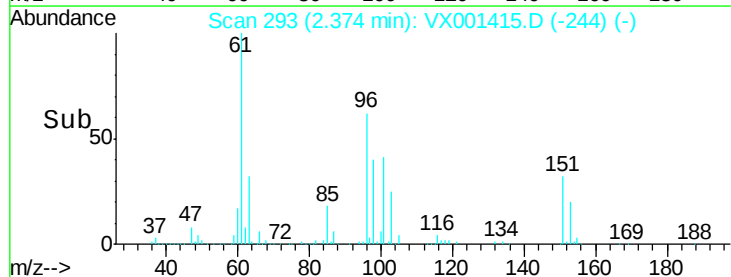
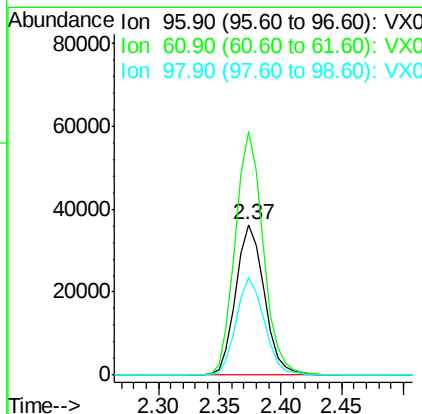
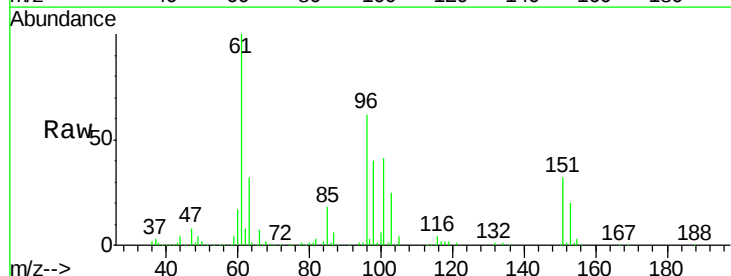
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#12

1,1-Dichloroethene
Concen: 22.285 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	96	Resp	58691
Ion Ratio	100	Lower	Upper
61	161.5	125.7	188.5
98	65.0	52.0	78.0





#13

Acrolein

Concen: 49.511 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 15615

Ion Ratio Lower Upper

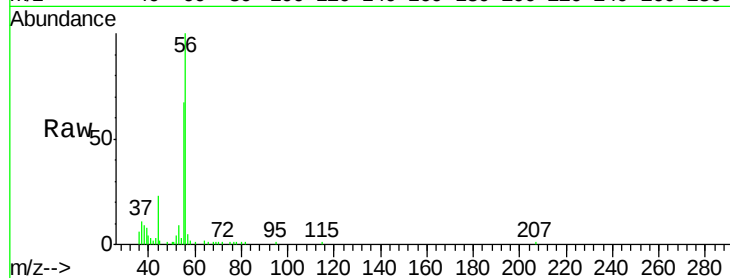
56 100

55 70.1 54.5 81.7

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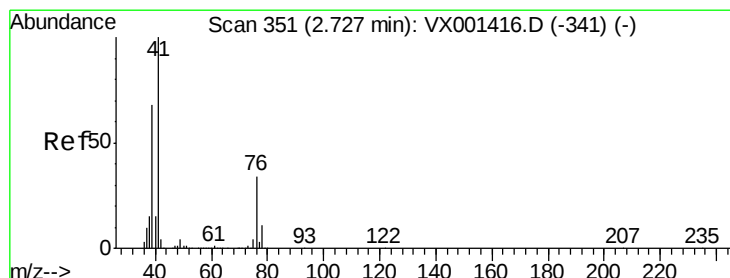
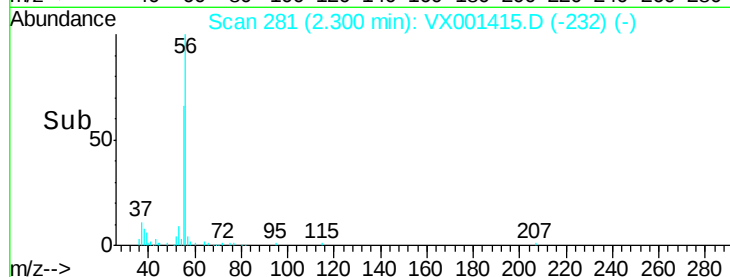
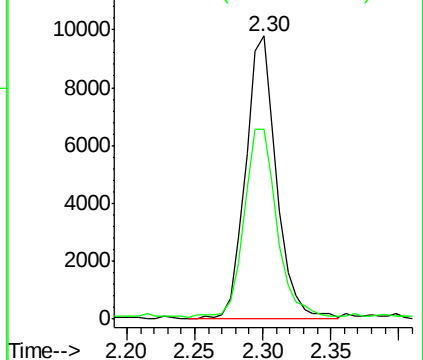
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 23.237 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

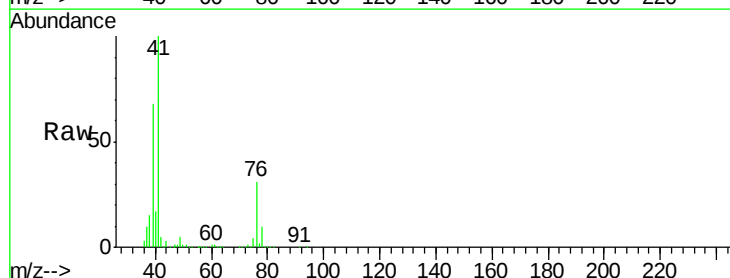
Tgt Ion: 41 Resp: 107982

Ion Ratio Lower Upper

41 100

39 64.1 52.4 78.6

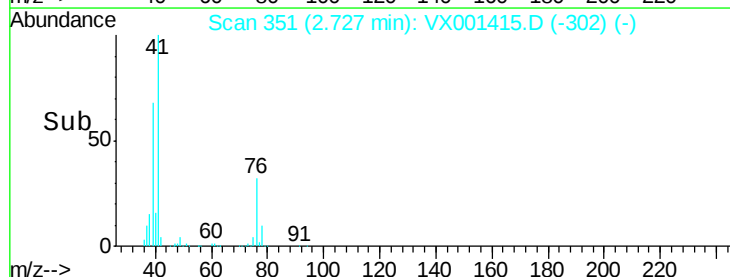
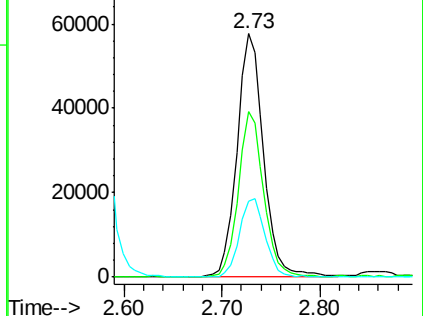
76 31.5 25.8 38.6

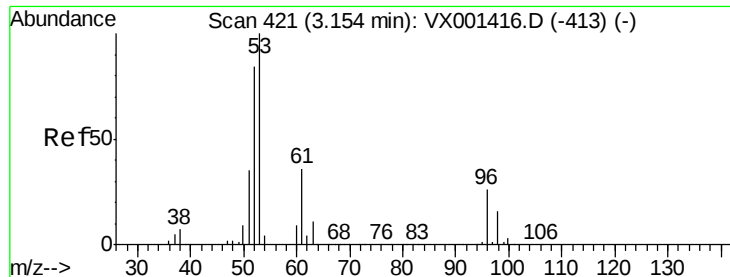


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 118.574 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

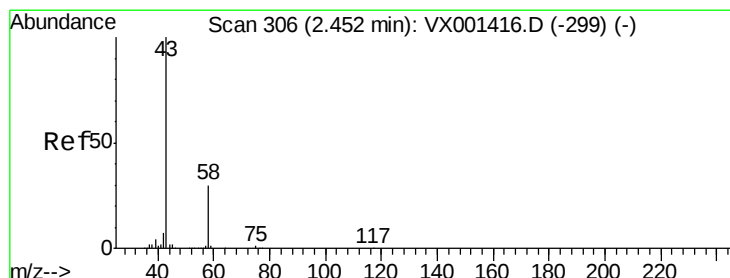
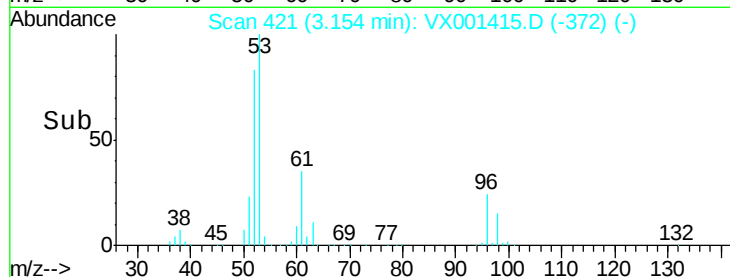
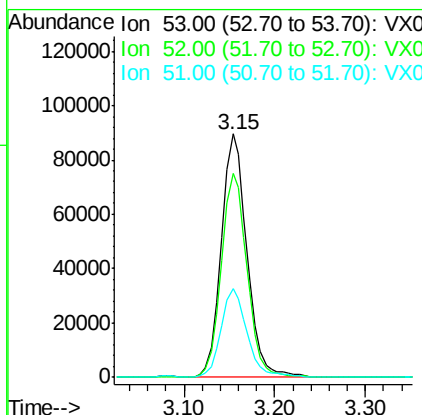
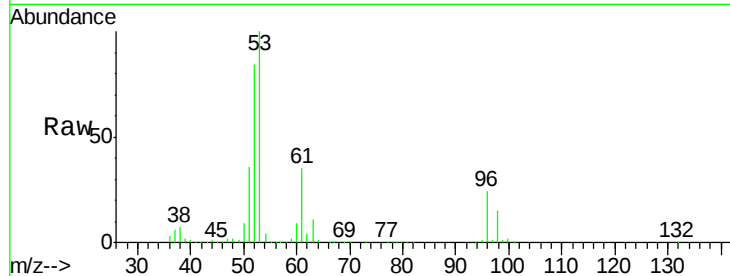
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	175325
Ion Ratio	Lower	Upper	
53	100		
52	84.6	66.2	99.2
51	37.4	28.6	43.0

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#16

Acetone

Concen: 110.503 ug/l

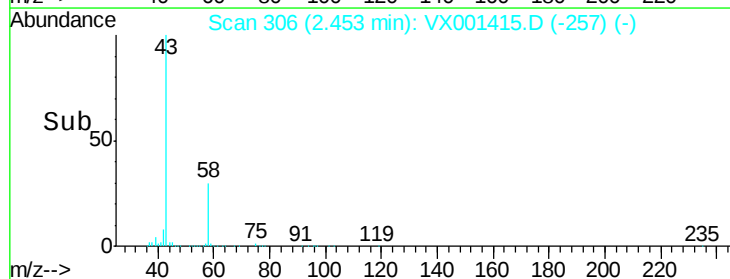
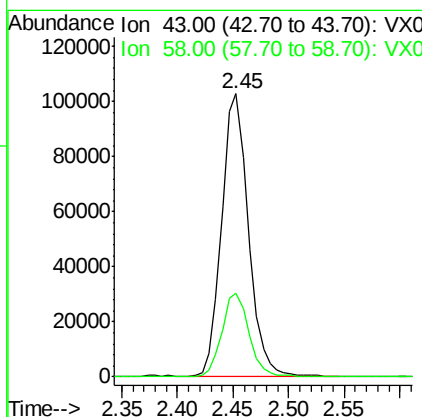
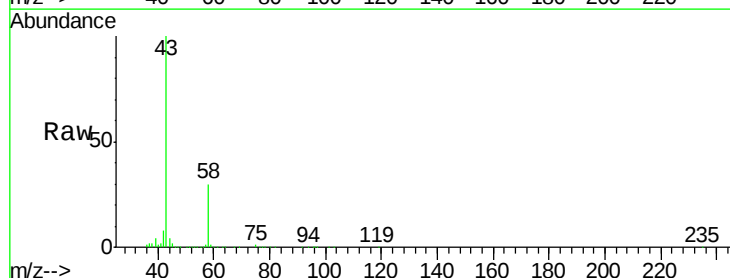
RT: 2.45 min Scan# 306

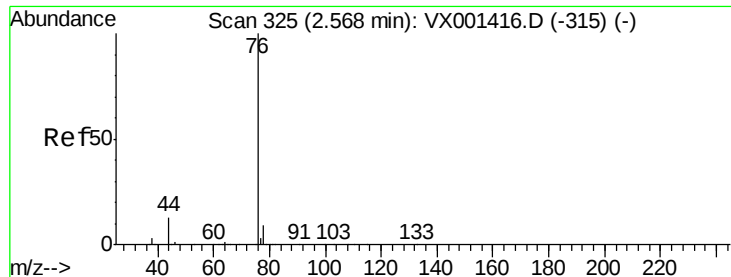
Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Tgt Ion:	43	Resp:	170160
Ion Ratio	Lower	Upper	
43	100		
58	29.8	23.8	35.8





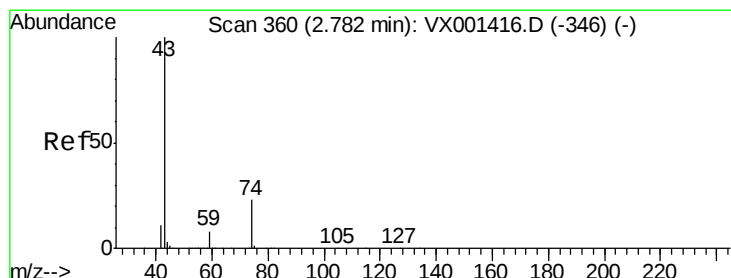
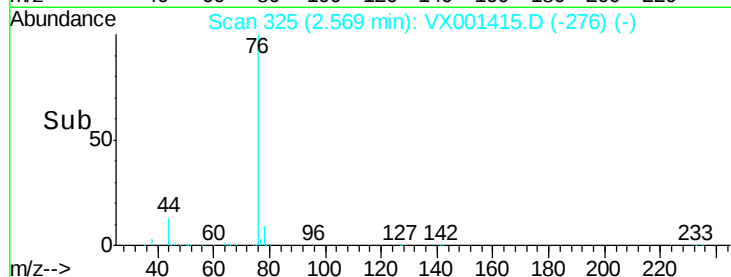
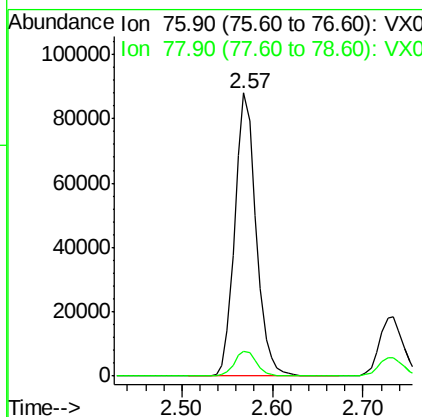
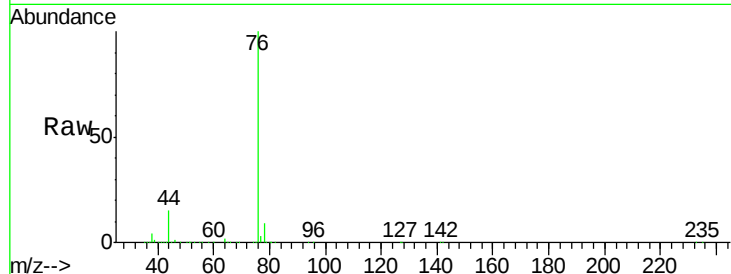
#17
Carbon Disulfide
Concen: 20.886 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

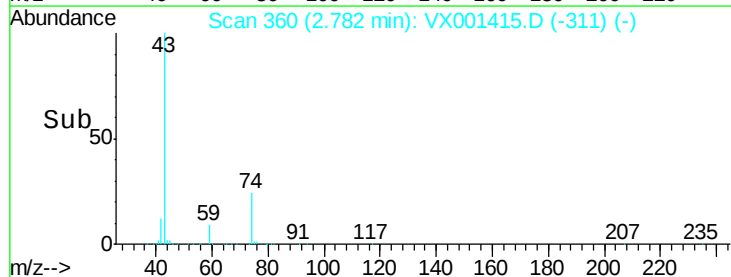
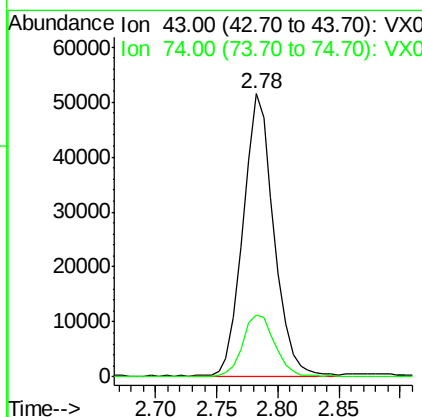
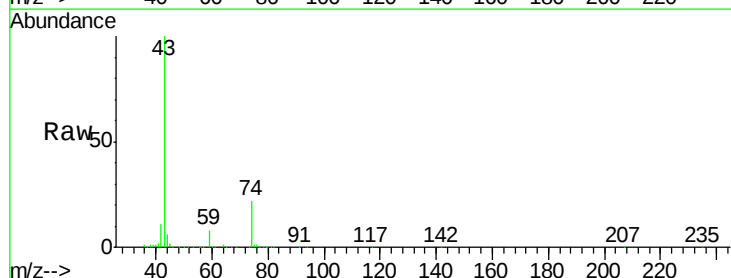
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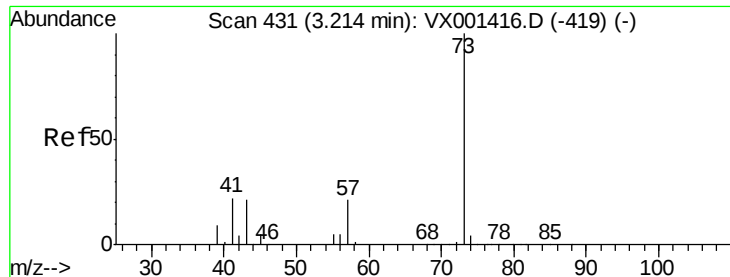
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#18
Methyl Acetate
Concen: 24.196 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.6	27.8





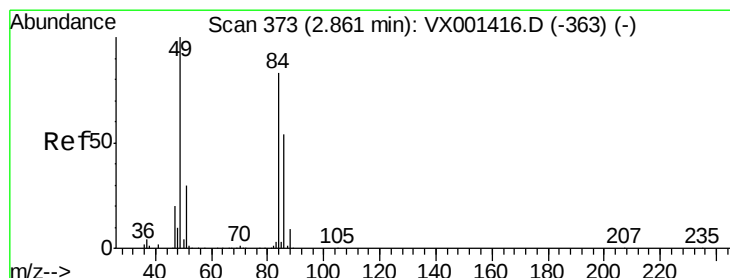
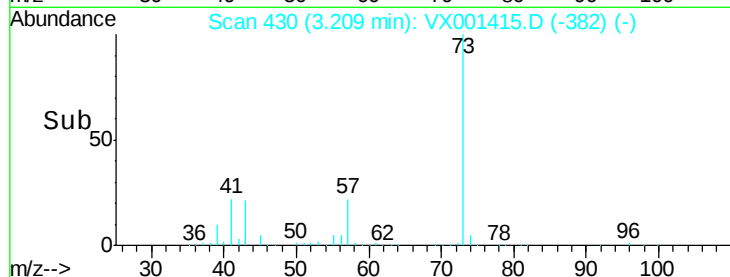
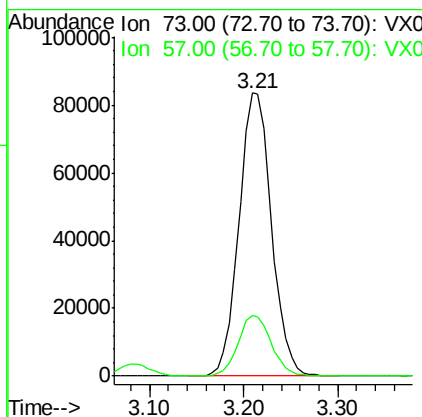
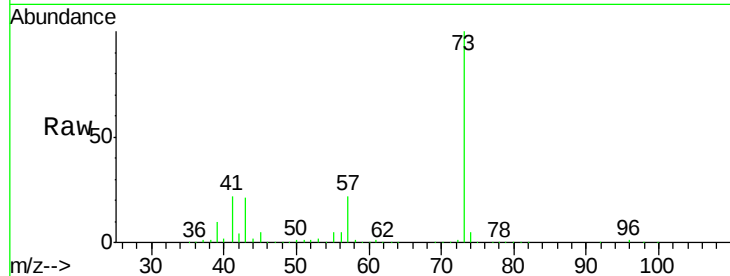
#19
Methvl tert-butvl Ether
Concen: 22.390 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.0	25.6

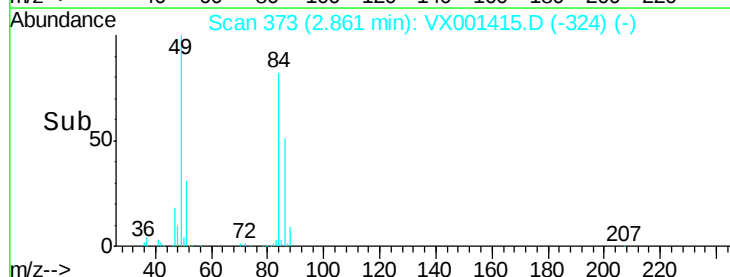
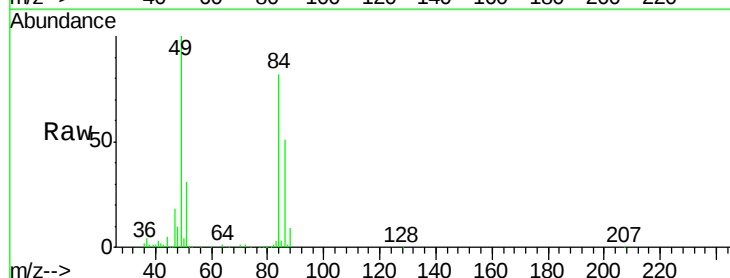
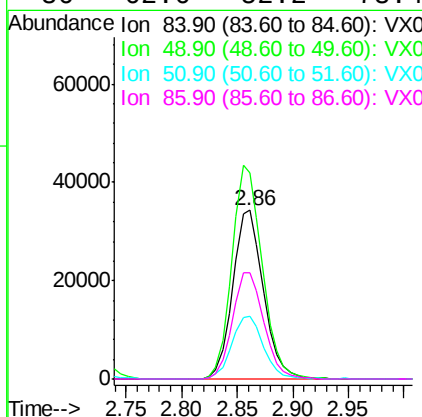
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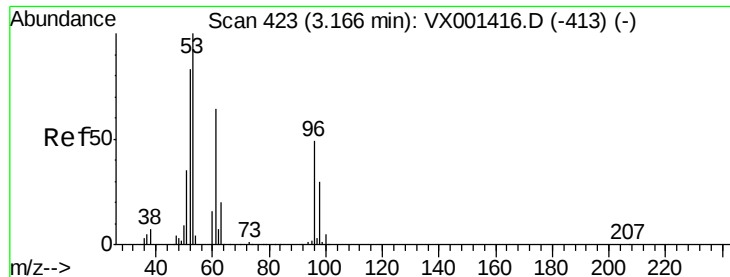
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#20
Methylene Chloride
Concen: 19.549 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	96.6	144.8
51	37.3	29.0	43.4
86	62.6	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 21.995 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

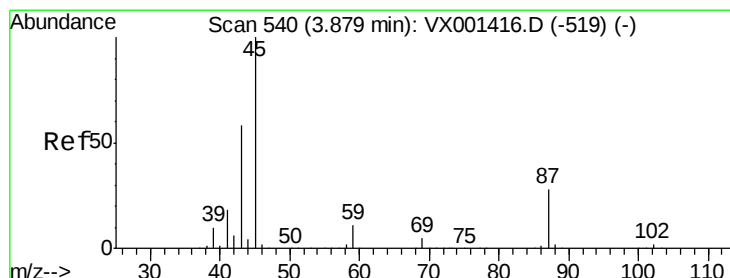
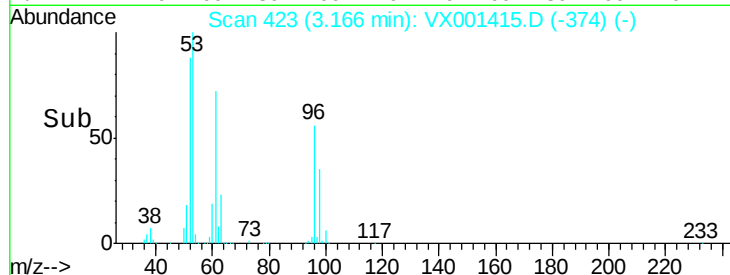
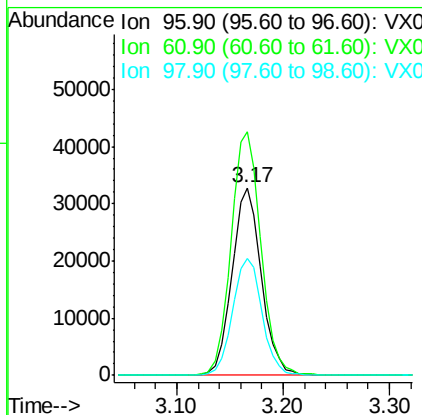
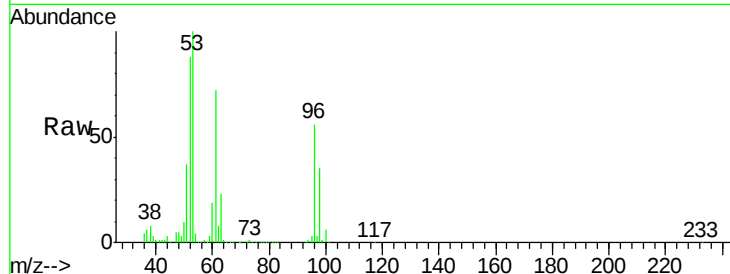
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	63184
Ion	Ratio	Lower	Upper
96	100		
61	129.7	105.0	157.4
98	62.1	49.9	74.9

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#22

Diisopropyl ether

Concen: 21.808 ug/l

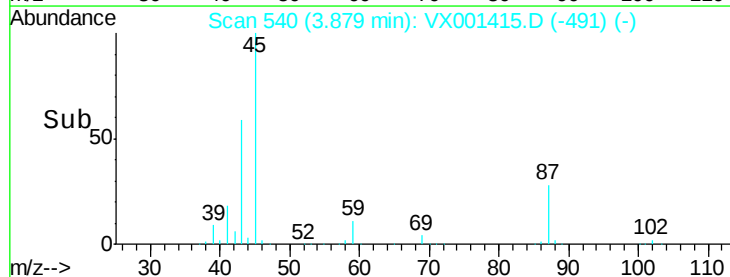
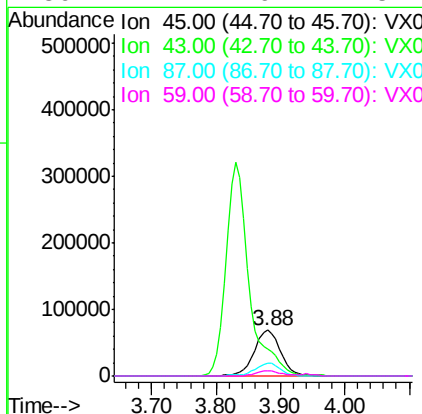
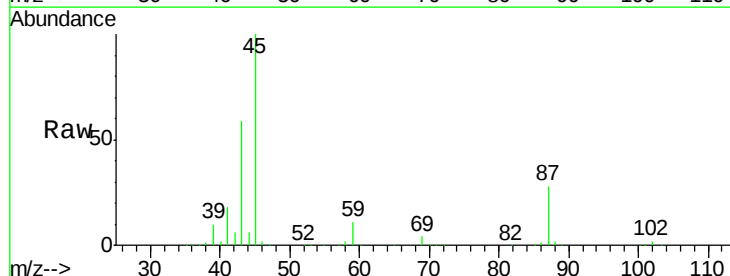
RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Tgt Ion:	45	Resp:	194233
Ion	Ratio	Lower	Upper
45	100		
43	59.2	46.5	69.7
87	28.0	22.6	34.0
59	11.1	9.1	13.7





#23

Vinyl Acetate

Concen: 108.651 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 819148

Ion Ratio Lower Upper

43 100

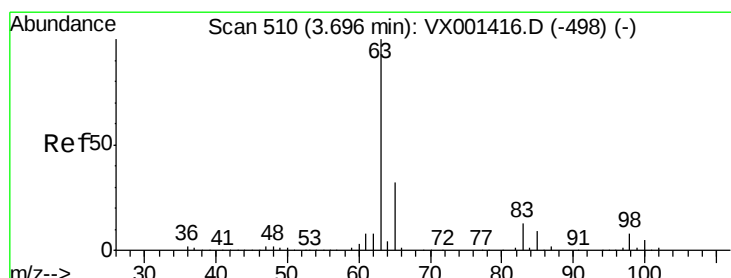
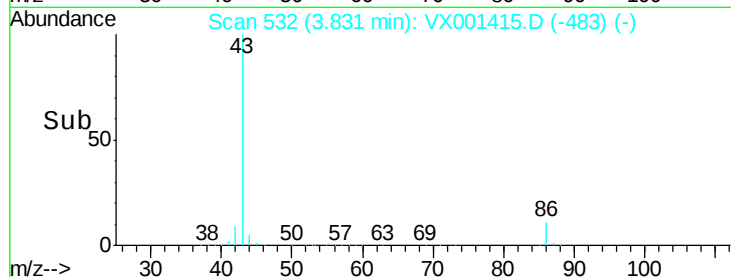
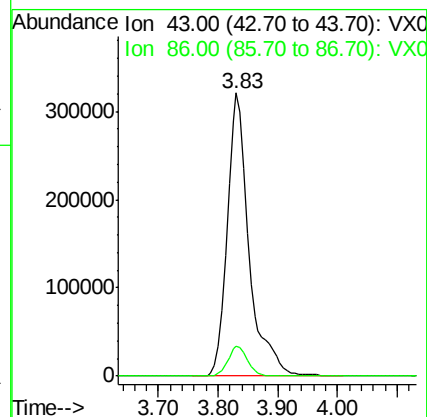
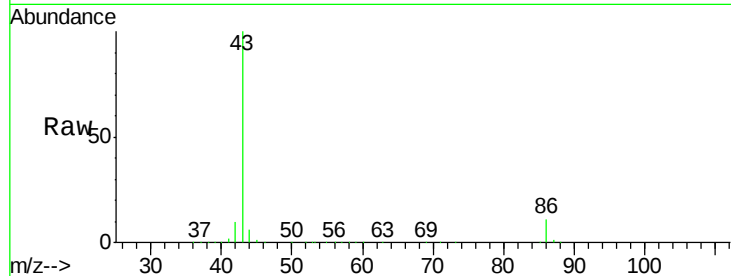
86 10.6 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 22.372 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

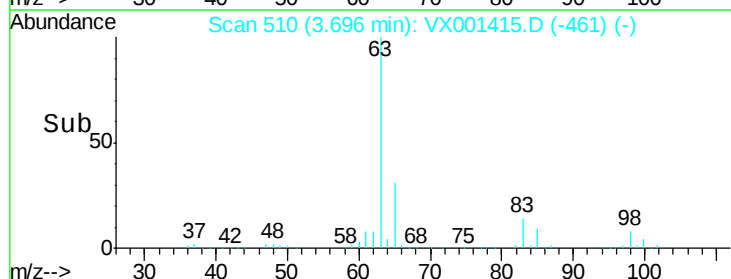
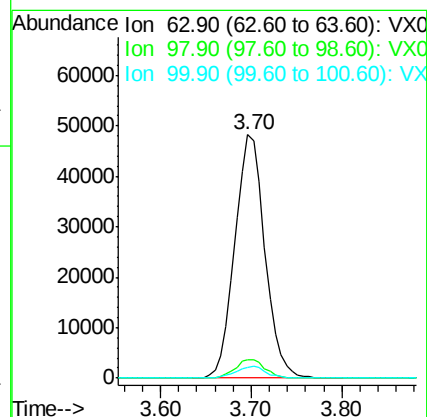
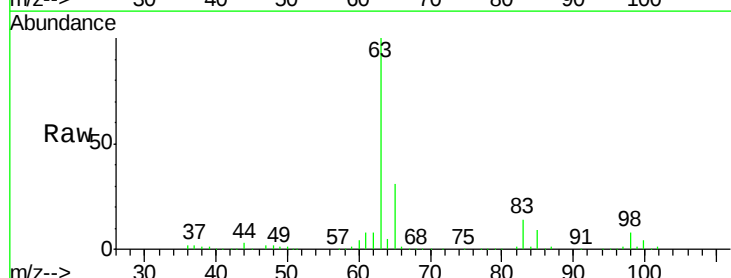
Tgt Ion: 63 Resp: 111261

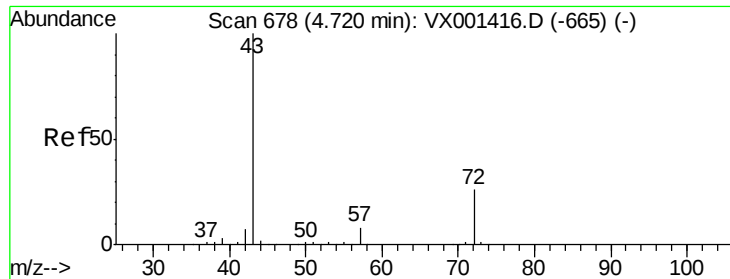
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 116.029 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 245437

Ion Ratio Lower Upper

43 100

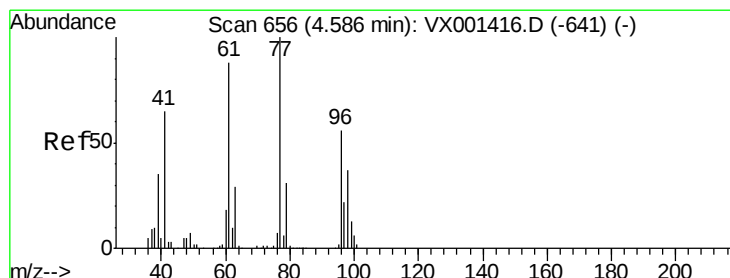
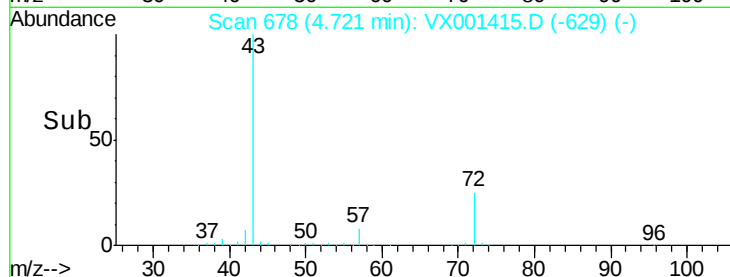
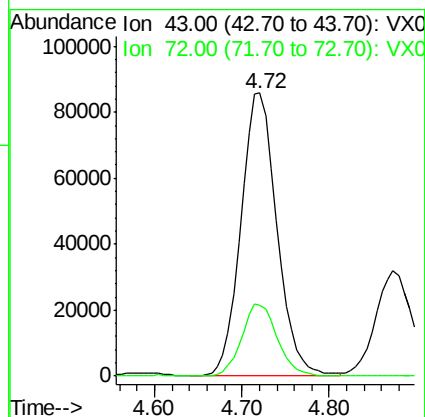
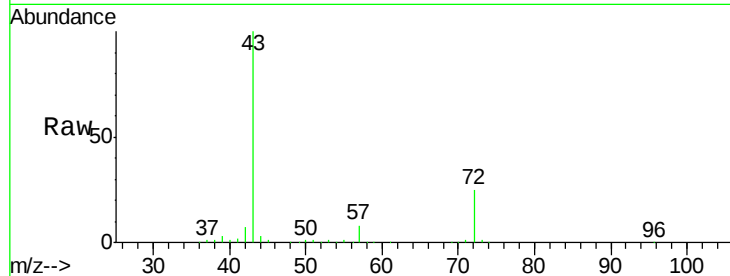
72 25.1 20.7 31.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.032 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001415.D

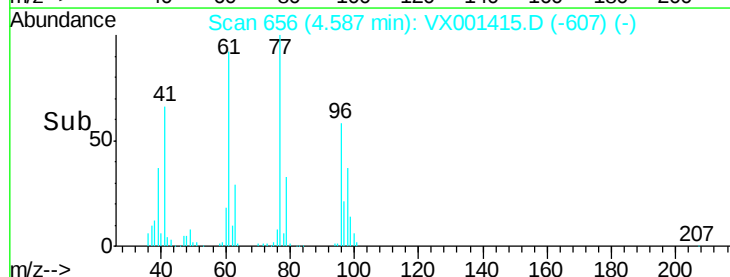
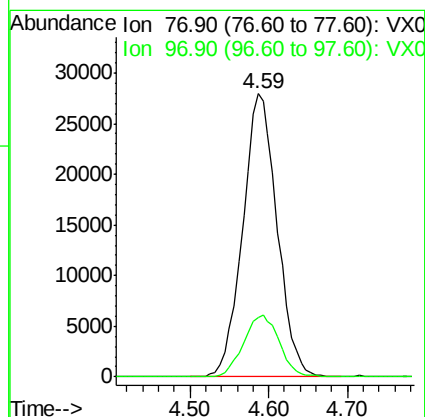
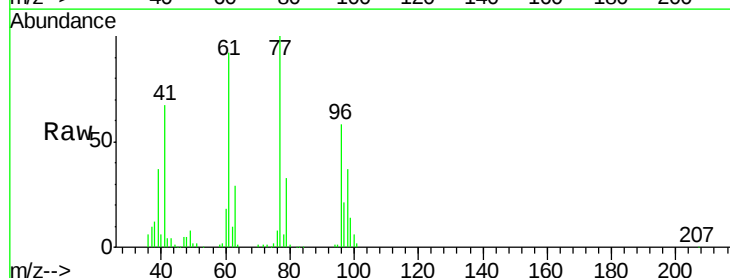
Acq: 05 May 2018 12:57

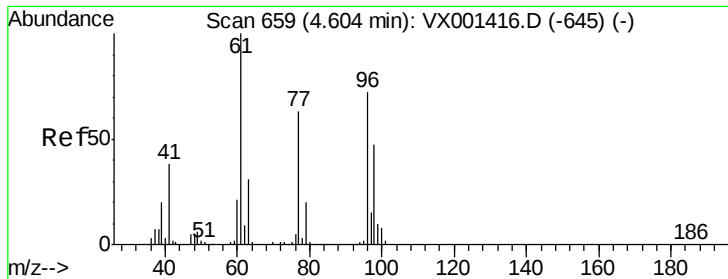
Tgt Ion: 77 Resp: 84538

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

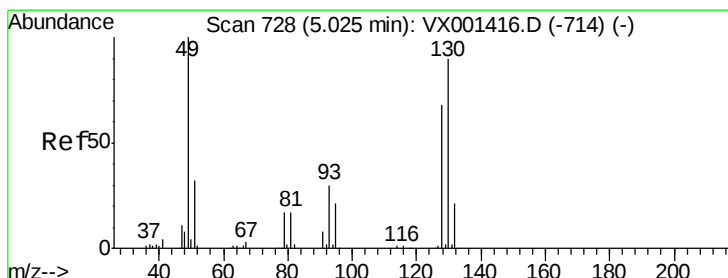
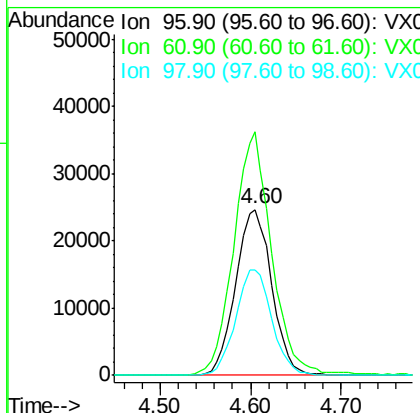
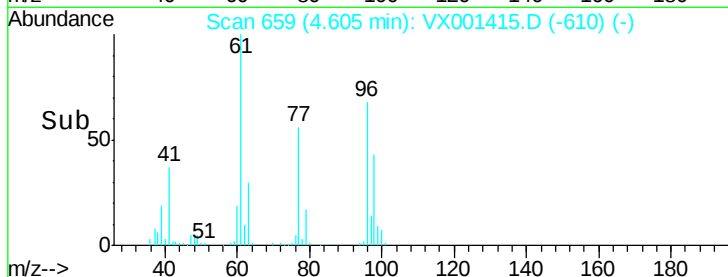
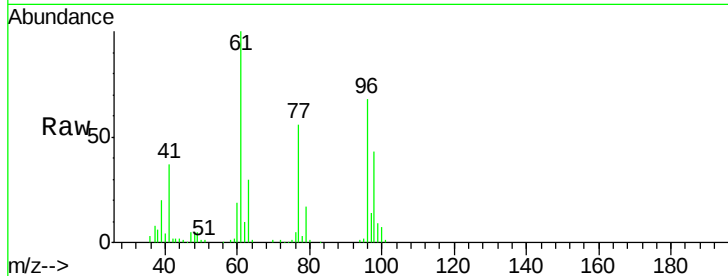
cis-1,2-Dichloroethene
 Concen: 21.686 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	301.6
98	63.7	0.0	131.6

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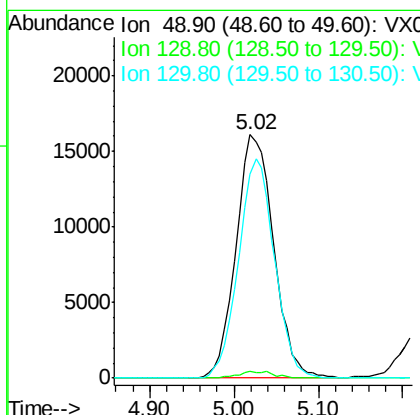
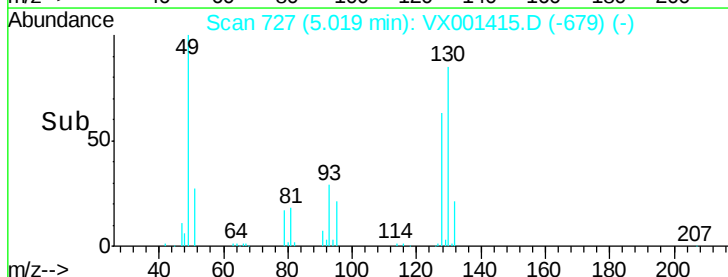
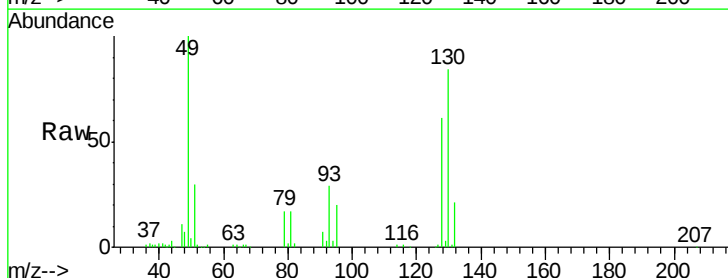
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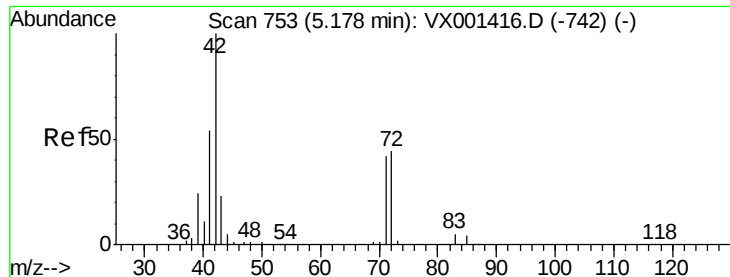


#28

Bromochloromethane
 Concen: 22.138 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	86.1	71.9	107.9





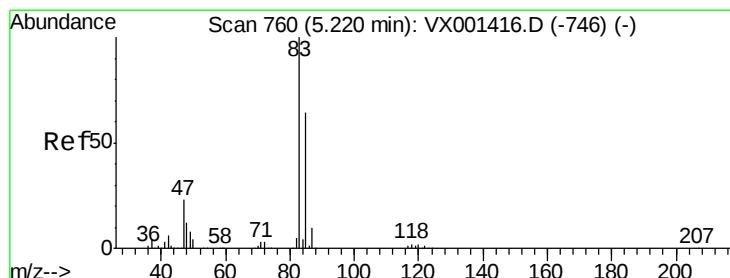
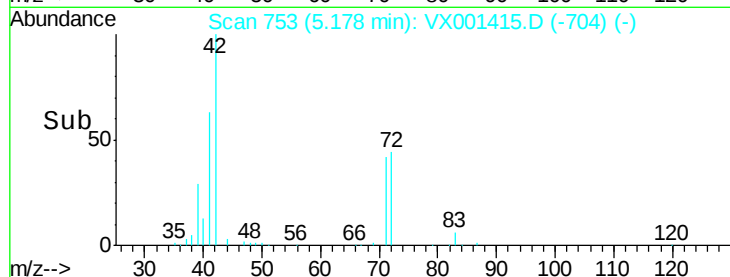
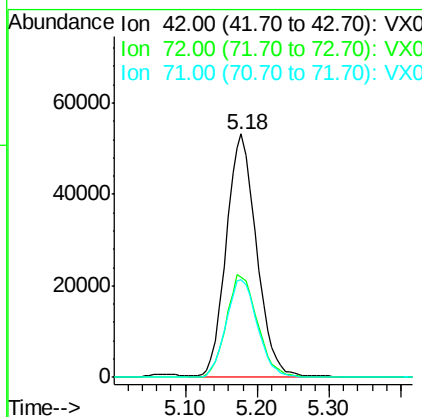
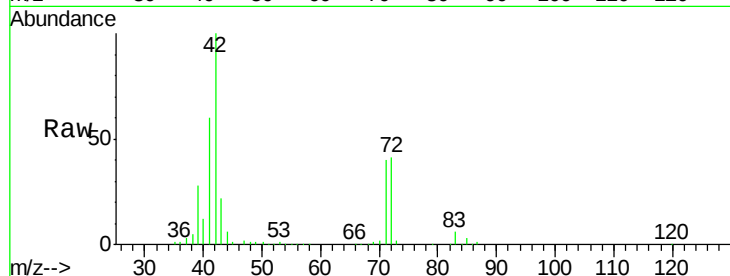
#29
Tetrahydrofuran
Concen: 117.726 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.4	53.2
71	42.0	33.0	49.4

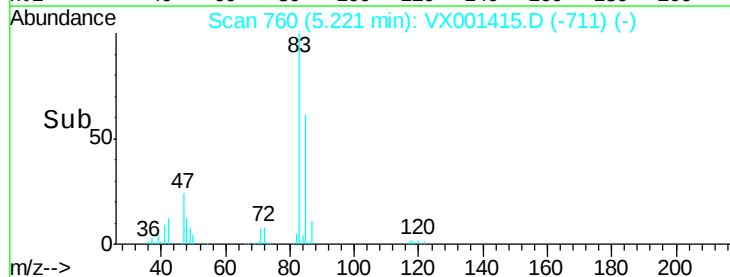
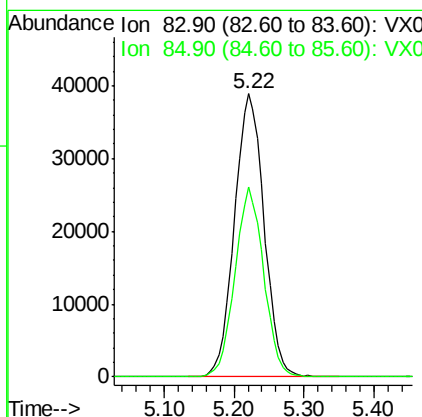
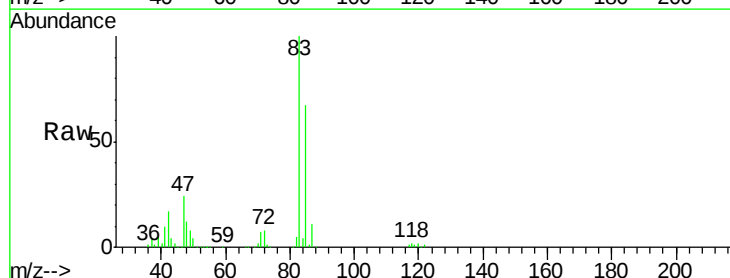
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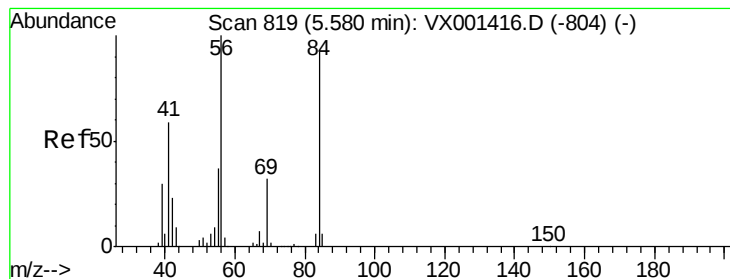
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#30
Chloroform
Concen: 21.859 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.0	76.4





#31

Cyclohexane

Concen: 21.306 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

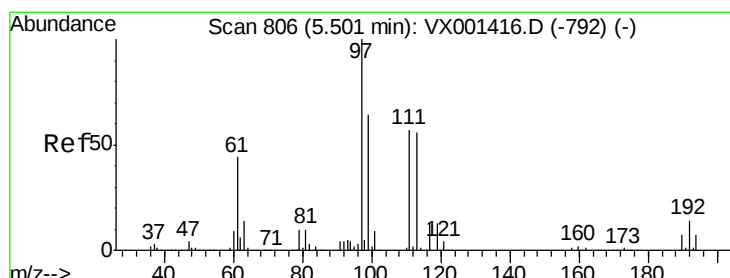
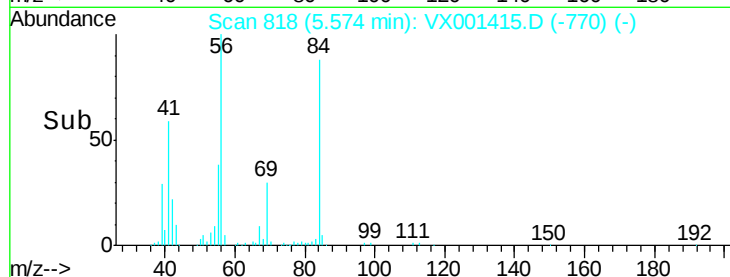
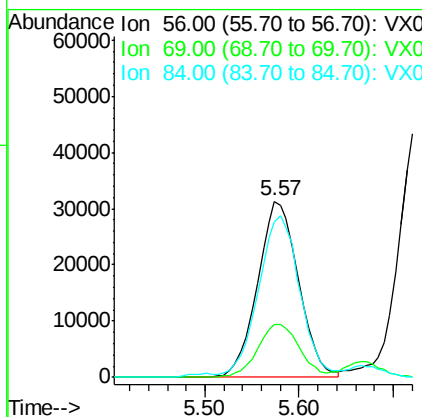
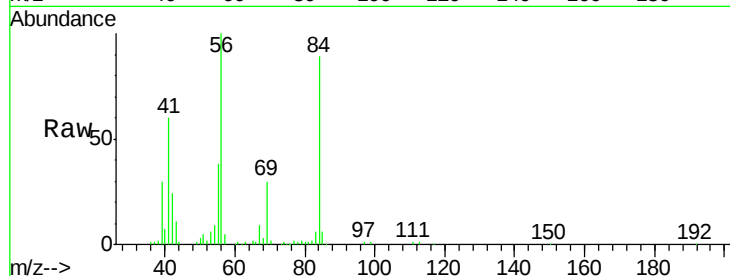
ClientSampled :

VSTDIC020

Tot Ion:	56	Resp:	95256
Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.4	38.0
84	87.0	73.8	110.8

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#32

1,1,1-Trichloroethane

Concen: 21.794 ug/l

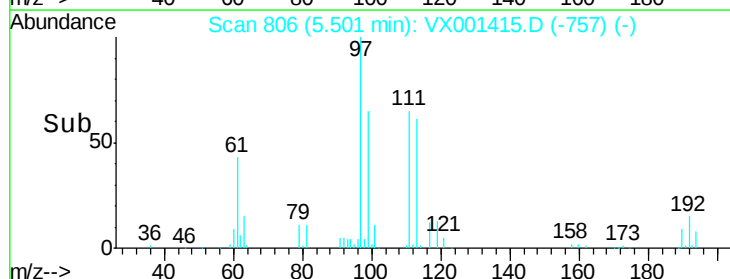
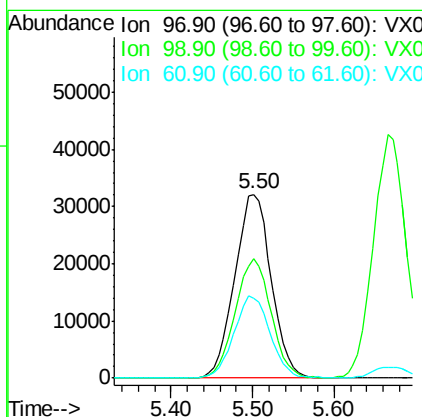
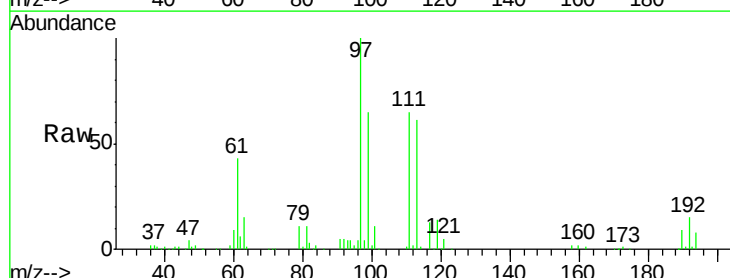
RT: 5.50 min Scan# 806

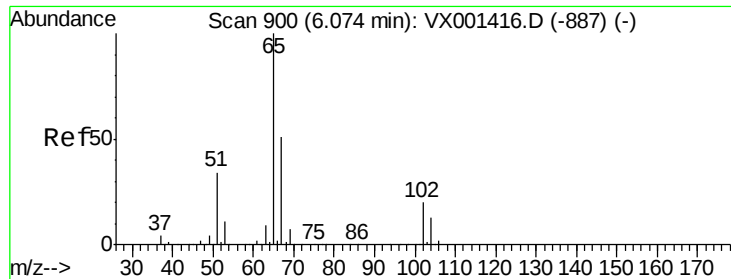
Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Tgt Ion:	97	Resp:	99705
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	44.4	34.8	52.2





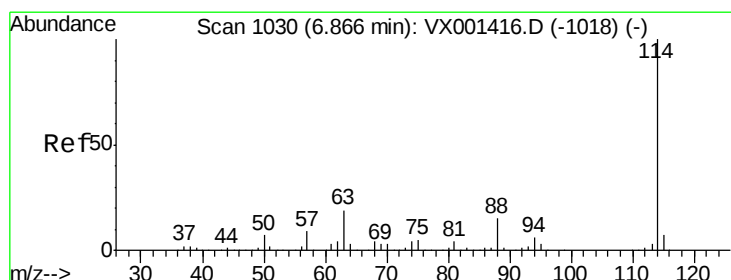
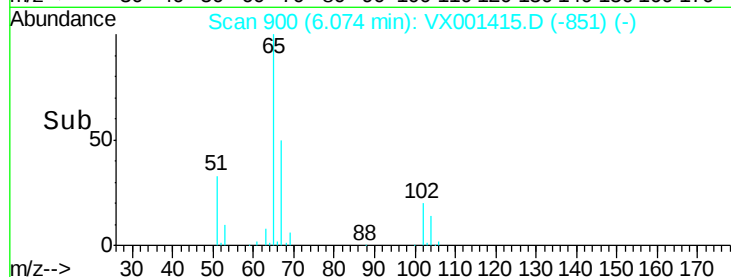
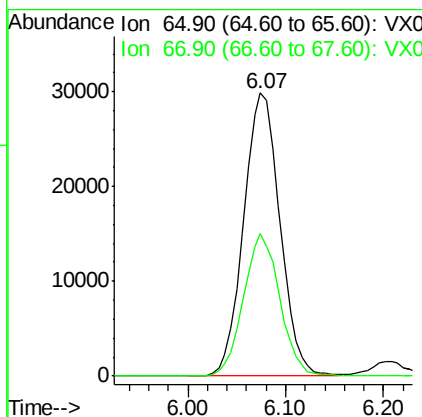
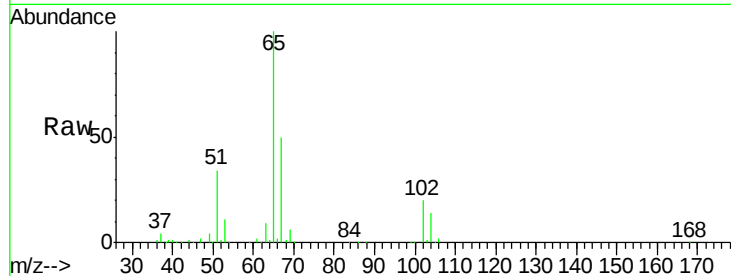
#33
 1,2-Dichloroethane-d4
 Concen: 21.353 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.8

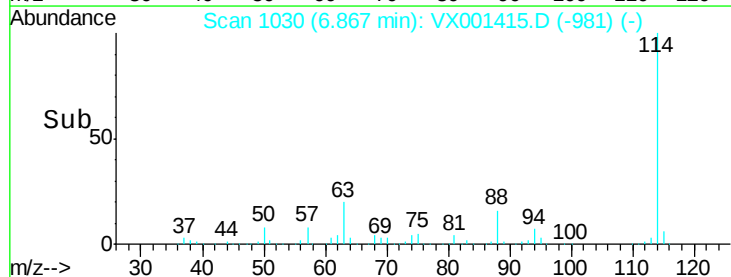
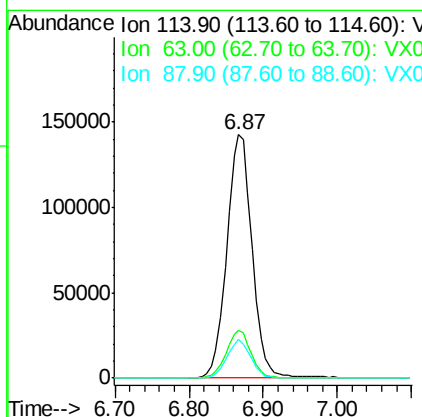
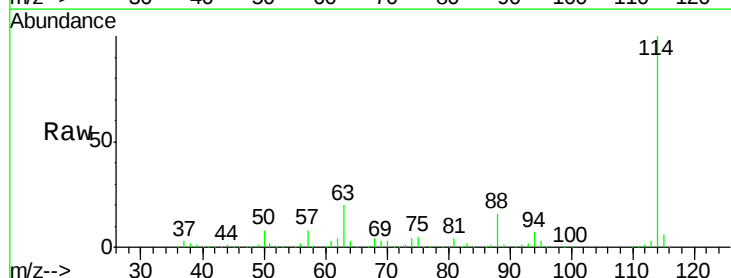
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.8	0.0	30.8





#35

Dibromofluoromethane

Concen: 21.079 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

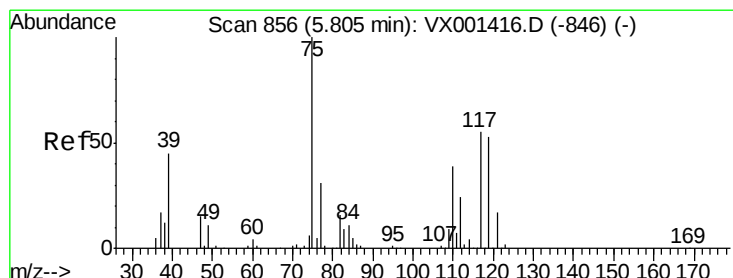
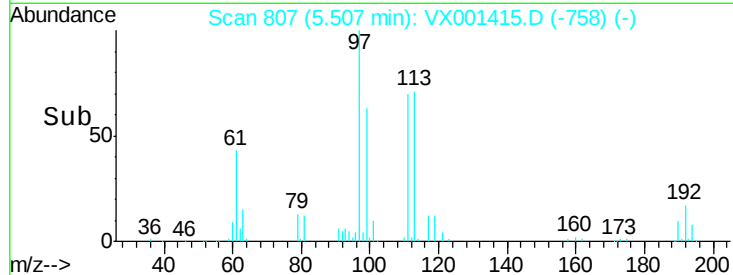
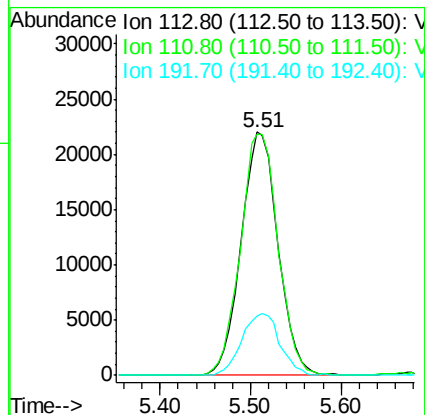
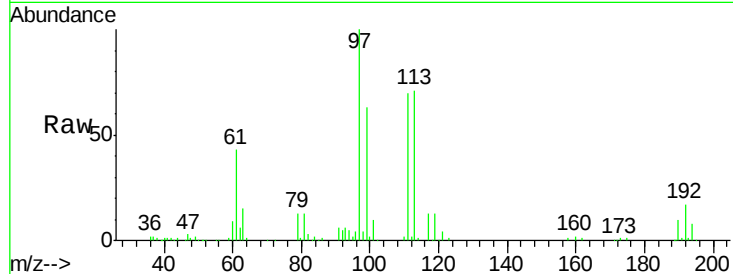
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	62031
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.2
192	26.3	21.4	32.0

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#36

1,1-Dichloropropene

Concen: 20.980 ug/l

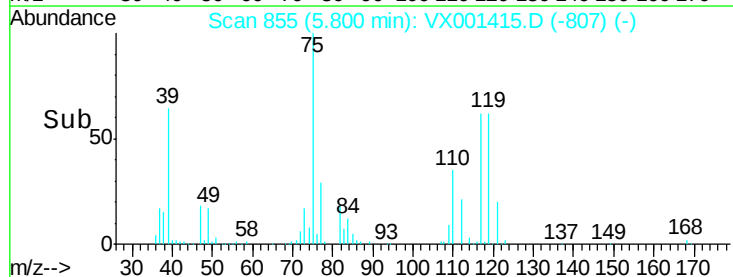
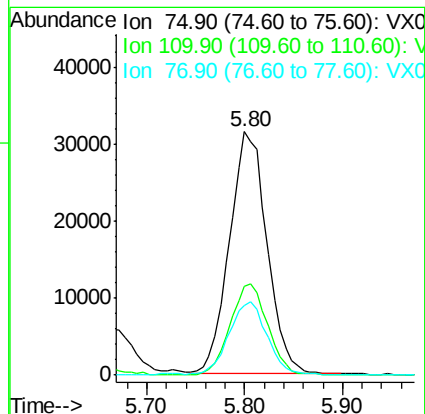
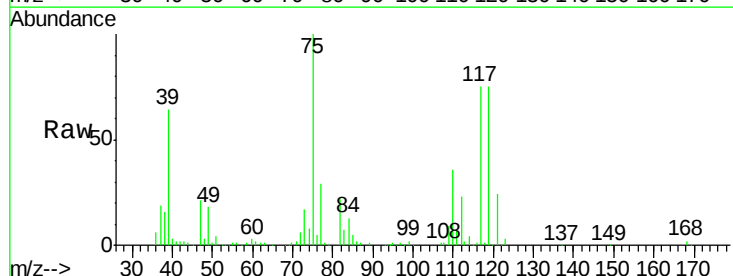
RT: 5.80 min Scan# 855

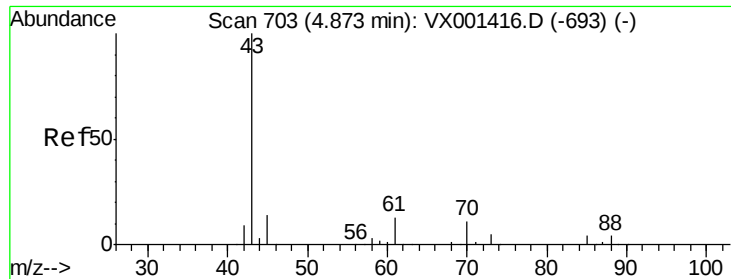
Delta R.T. -0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Tgt Ion:	75	Resp:	83840
Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.9	56.7
77	31.0	24.9	37.3





#37

Ethyl Acetate

Concen: 22.545 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

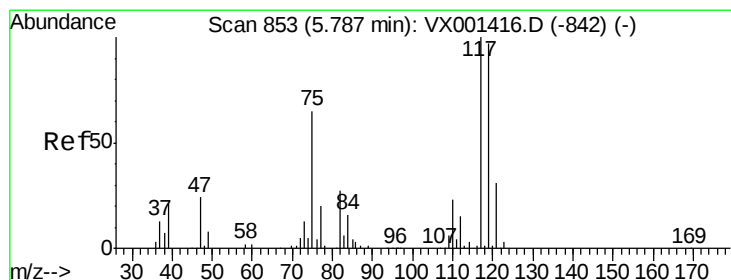
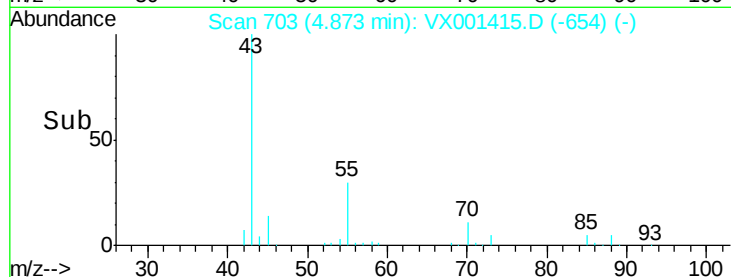
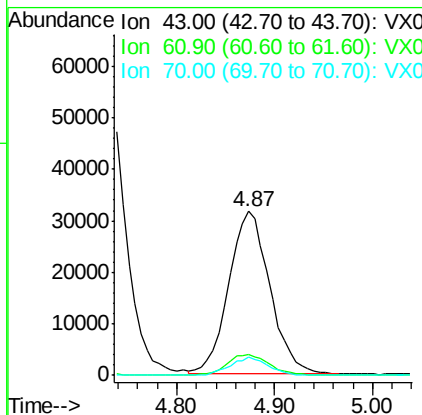
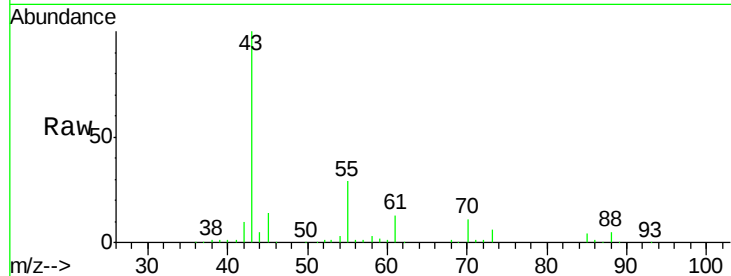
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	92042
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.7	16.1
70	10.6	8.4	12.6

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#38

Carbon Tetrachloride

Concen: 21.385 ug/l

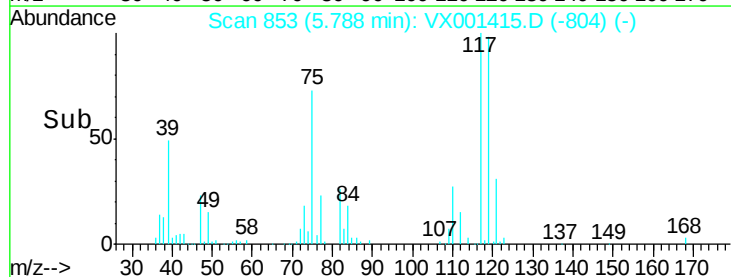
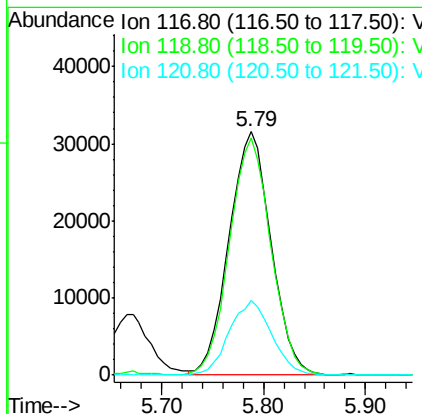
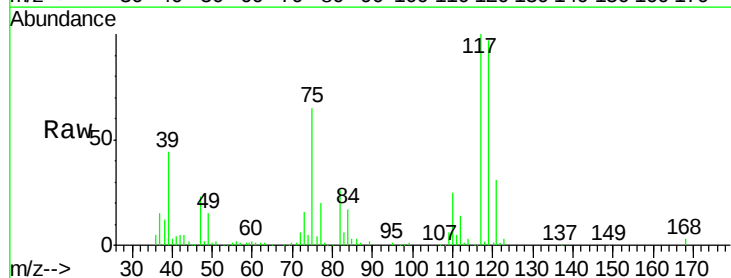
RT: 5.79 min Scan# 853

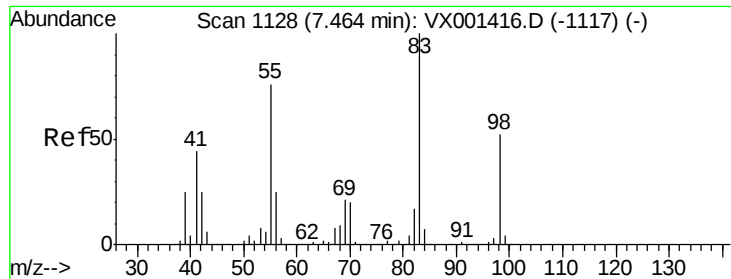
Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Tgt Ion:	117	Resp:	89903
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.6
121	30.6	25.1	37.7





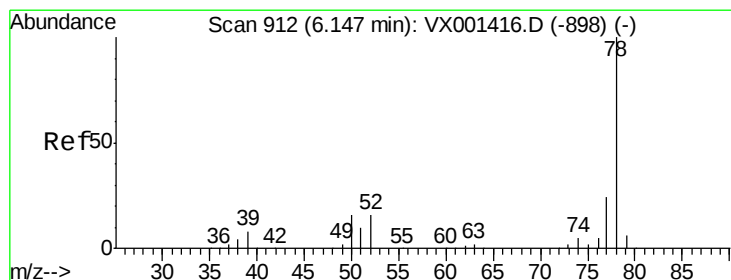
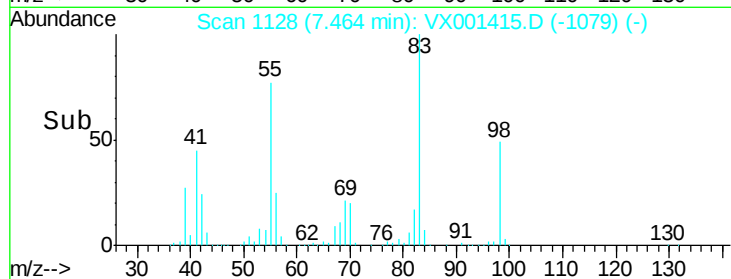
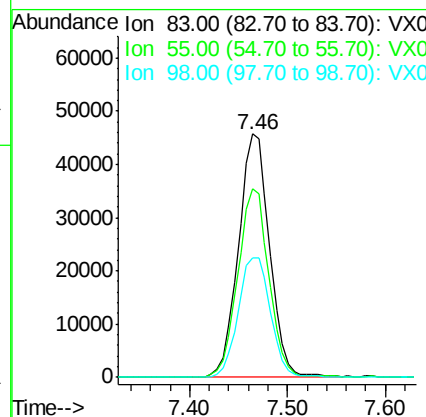
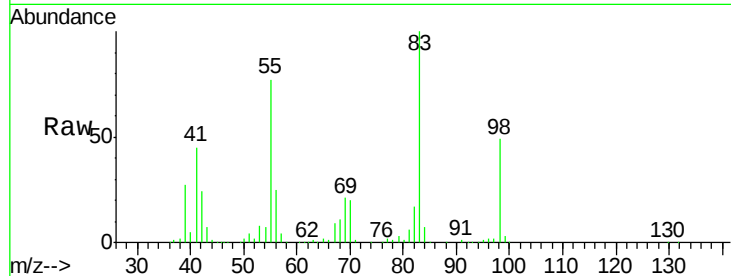
#39
Methvlcvclohexane
Concen: 21.330 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.2	60.9	91.3	
98	48.9	41.9	62.9	

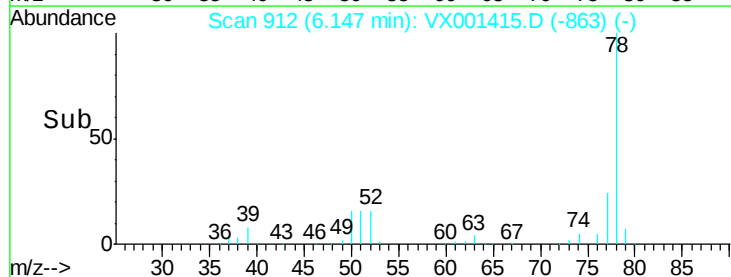
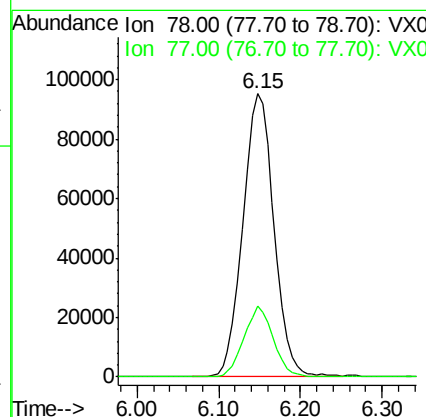
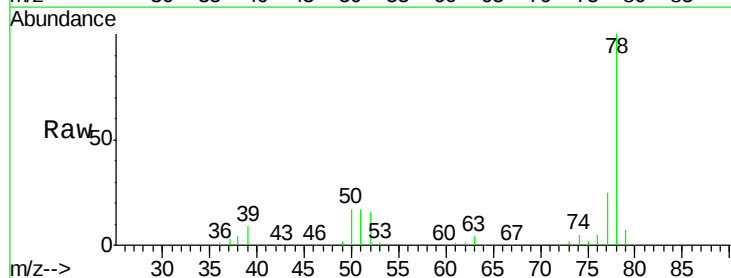
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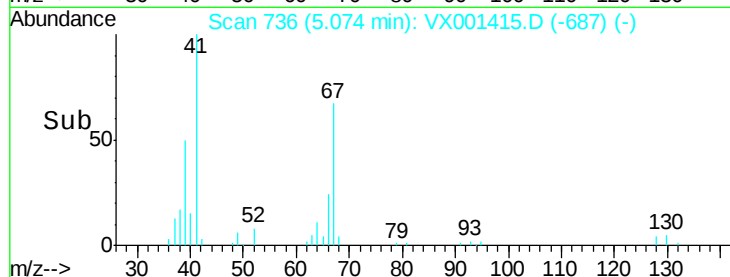
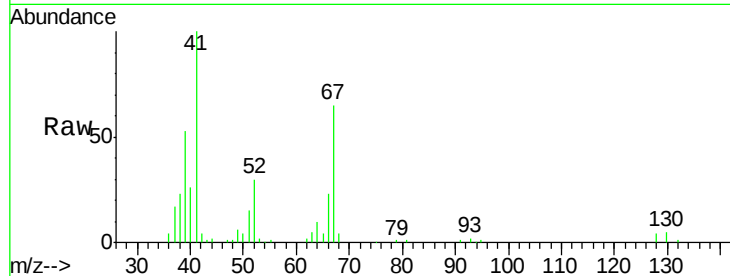
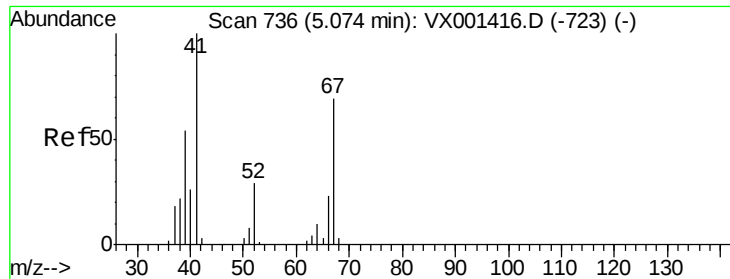
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#40
Benzene
Concen: 21.870 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

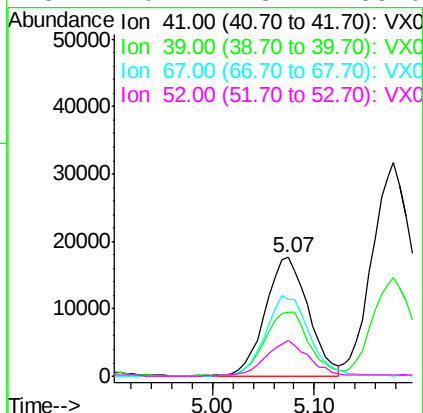
Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.9	19.4	29.2	





#41
Methacrylonitrile
Concen: 21.908 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

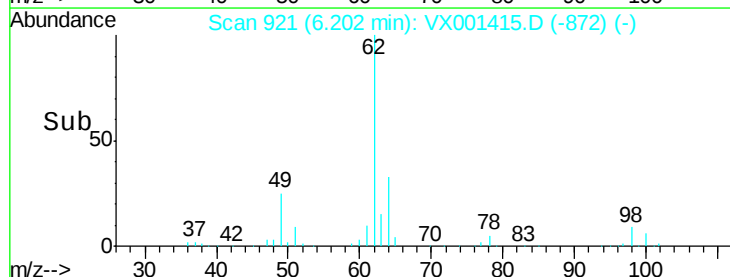
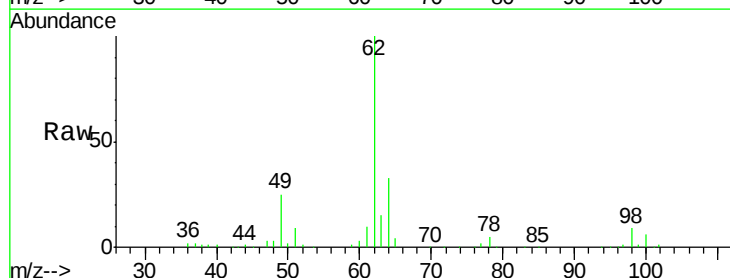
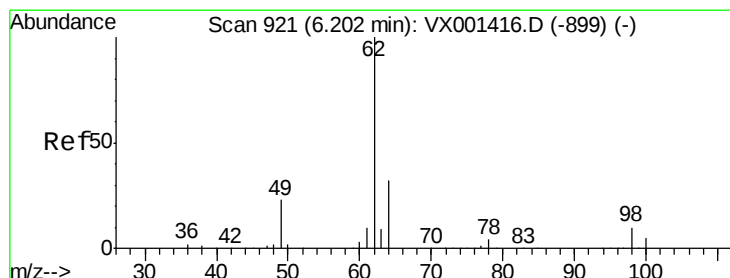
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		51967		
39	55.0	45.0	67.6		
67	69.1	55.0	82.6		
52	29.2	23.4	35.0		



Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

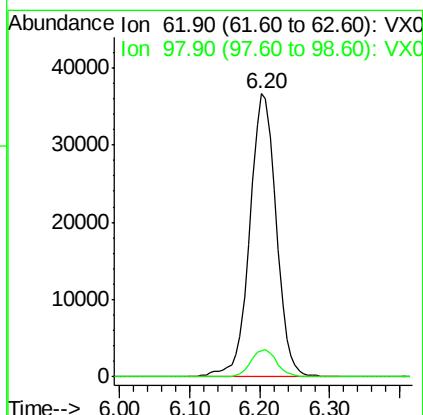
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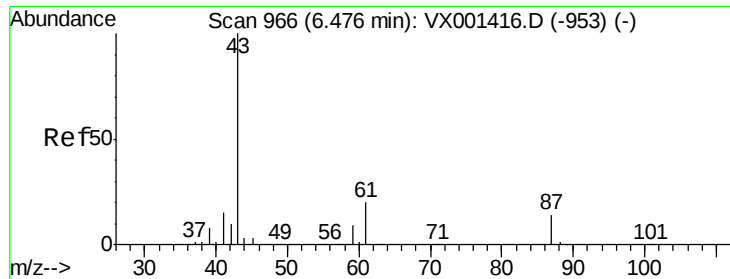
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#42
1,2-Dichloroethane
Concen: 21.714 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		96892		
98	9.5	0.0	19.0		





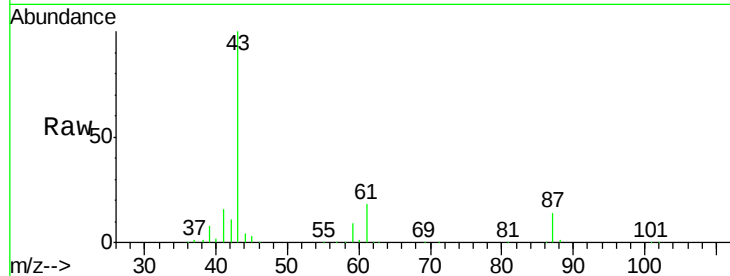
#43
Isopropyl Acetate
Concen: 21.540 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

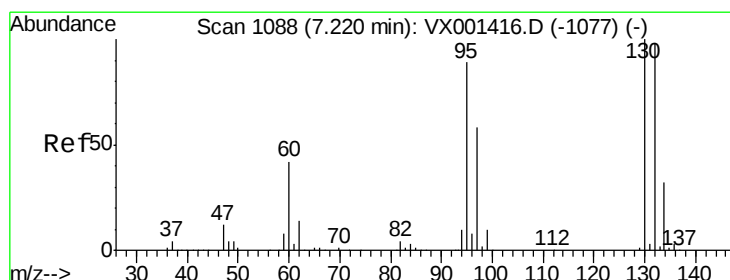
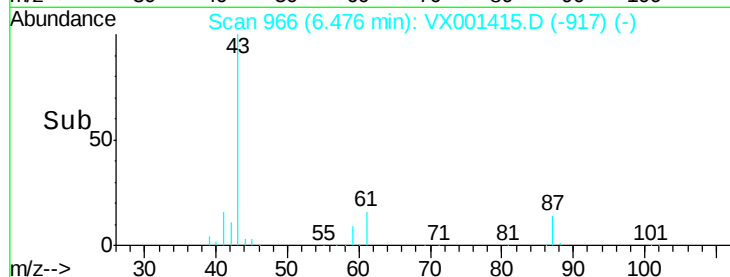
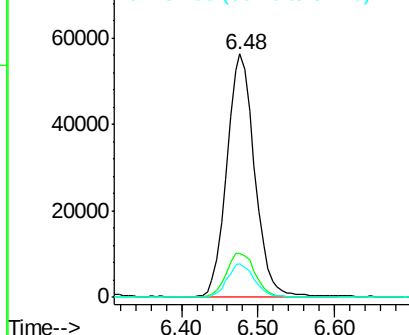
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.0
87	13.6	10.8	16.2

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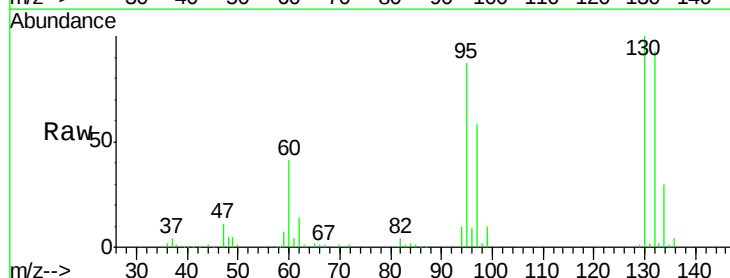


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

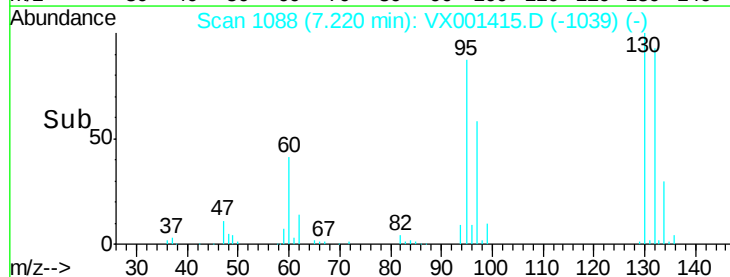
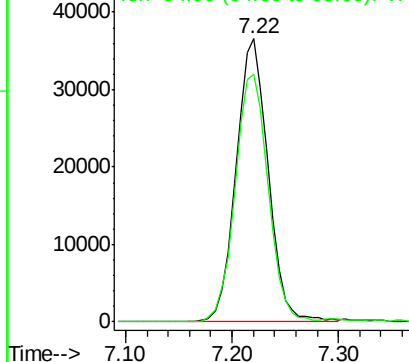


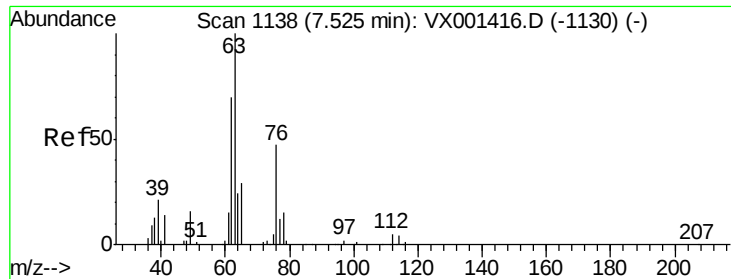
#44
Trichloroethene
Concen: 21.958 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	178.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.382 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 62698

Ion Ratio Lower Upper

63 100

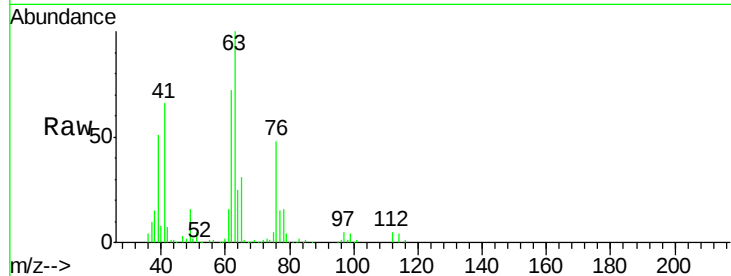
65 31.4 24.5 36.7

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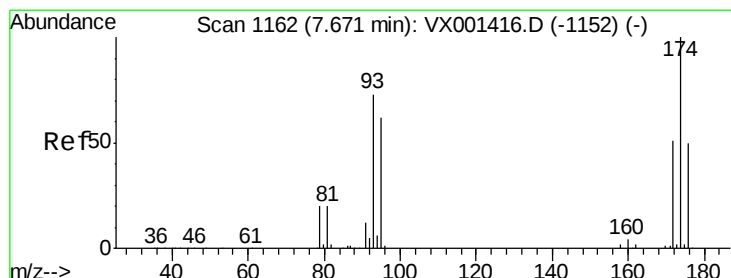
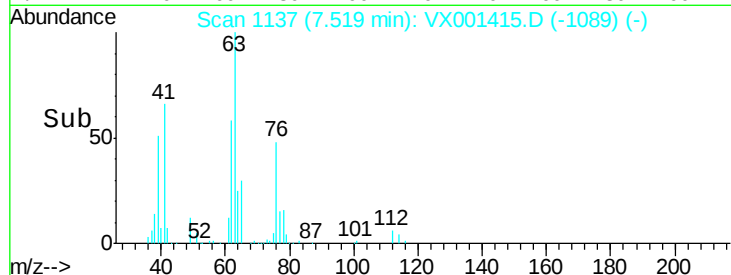
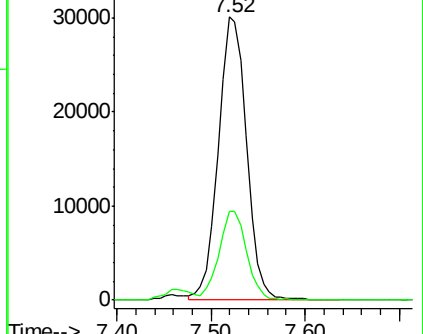
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.448 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

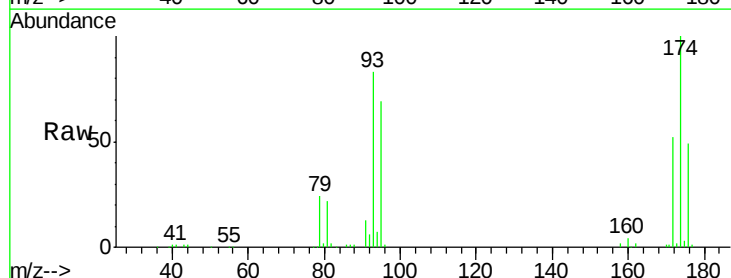
Tgt Ion: 93 Resp: 44286

Ion Ratio Lower Upper

93 100

95 83.9 67.0 100.4

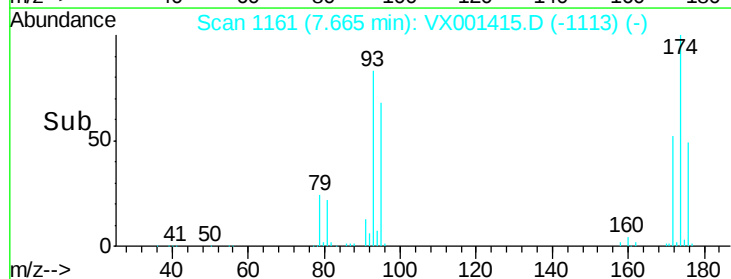
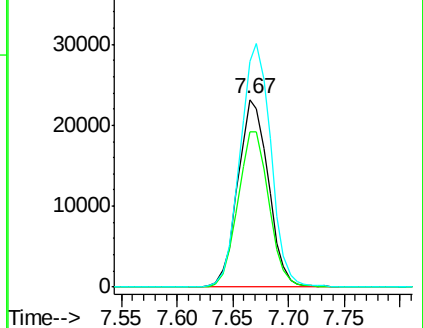
174 130.2 104.5 156.7

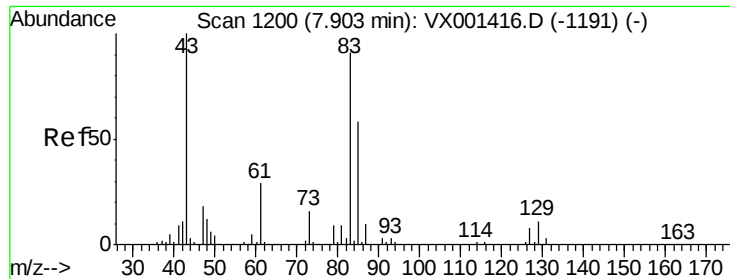


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.296 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Tot Ion:	83	Resp:	82870
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.0	76.6
127	9.2	7.4	11.2

Instrument :

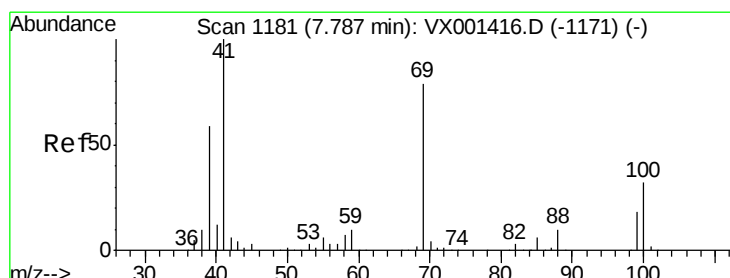
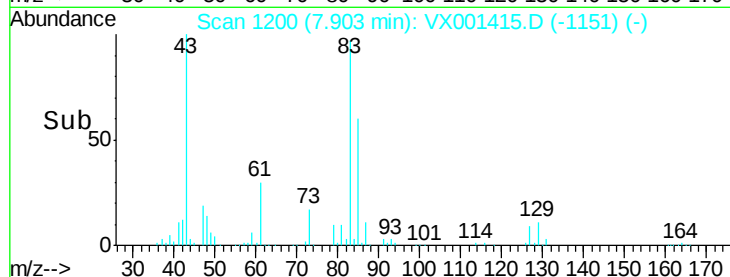
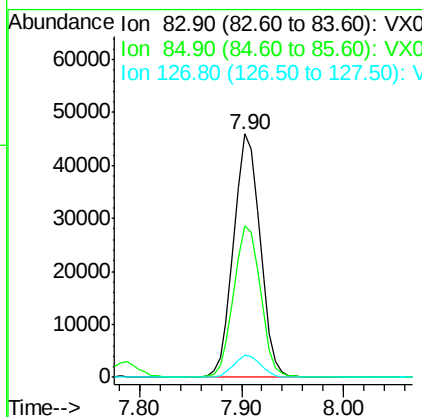
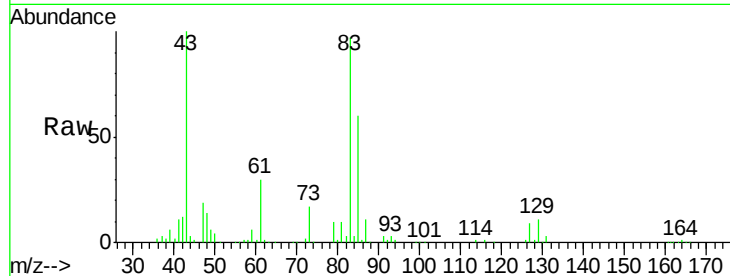
MSVOA_X

ClientSampleId :

VSTDIC020

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#48

Methyl methacrylate

Concen: 21.978 ug/l

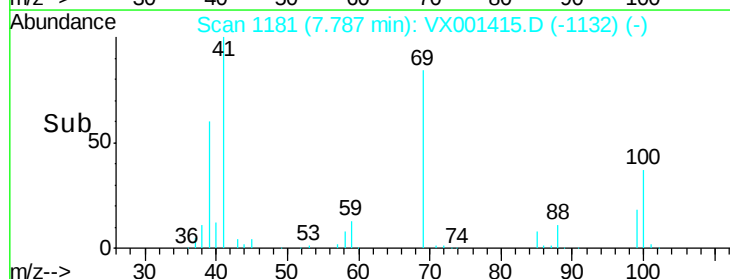
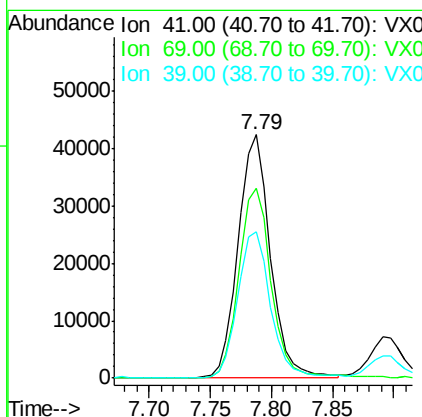
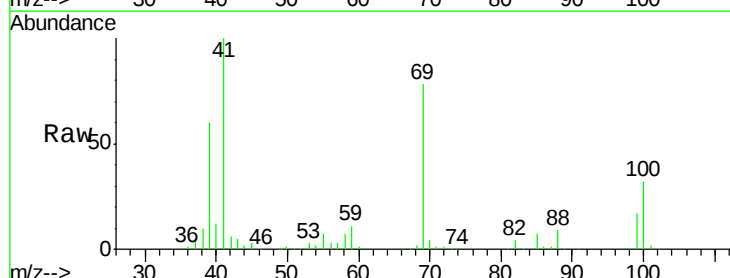
RT: 7.79 min Scan# 1181

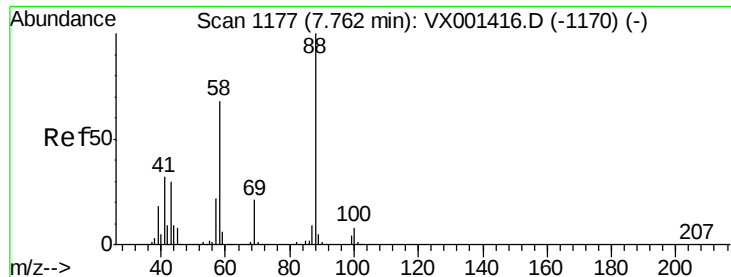
Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Tgt Ion:	41	Resp:	77025
Ion	Ratio	Lower	Upper
41	100		
69	79.8	63.4	95.2
39	61.2	47.0	70.4





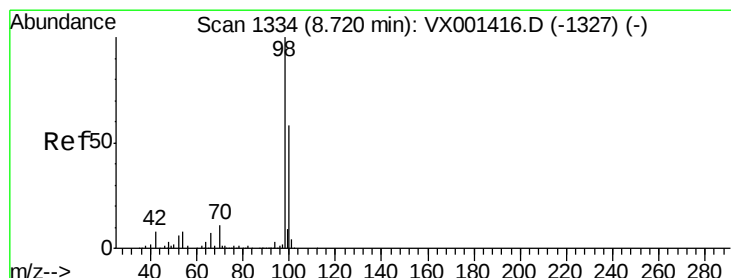
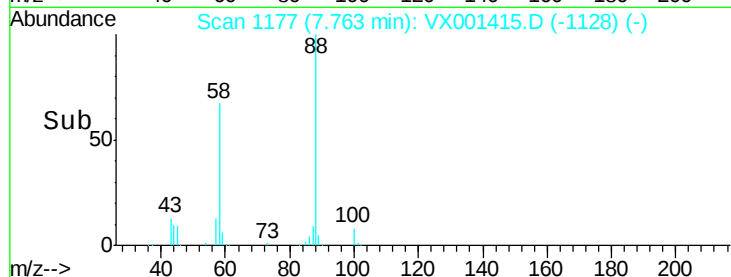
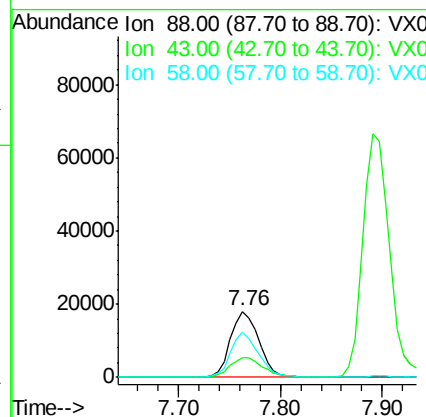
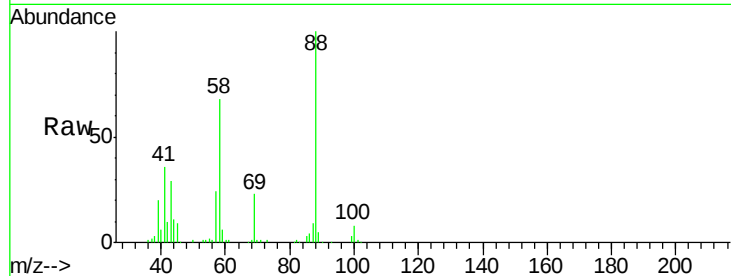
#49
1,4-Dioxane
Concen: 516.232 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	26.4	39.6
58	67.7	54.1	81.1

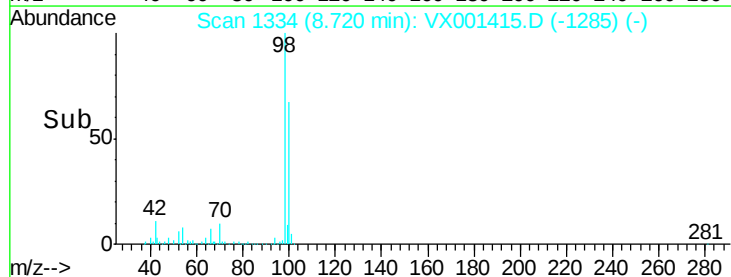
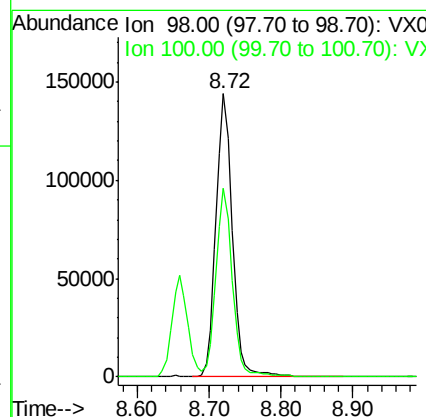
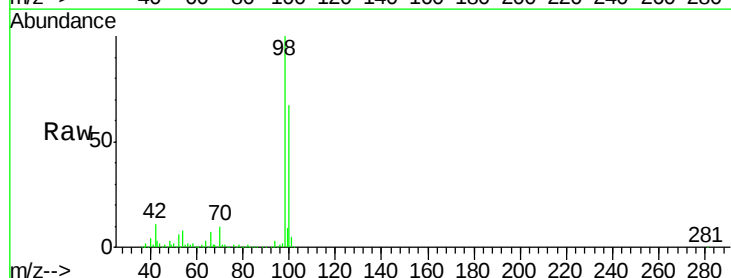
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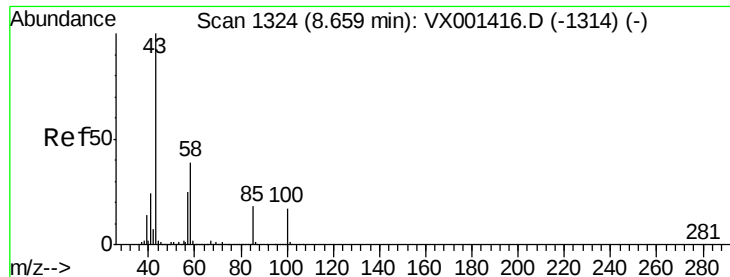
apatel
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#50
Toluene-d8
Concen: 21.650 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 114.679 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 485547

Ion Ratio Lower Upper

43 100

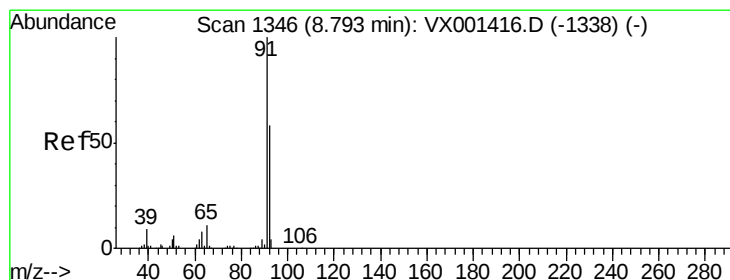
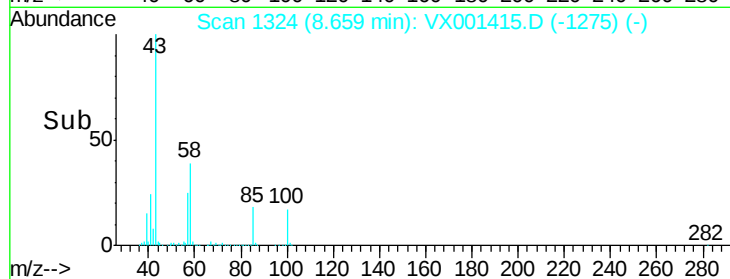
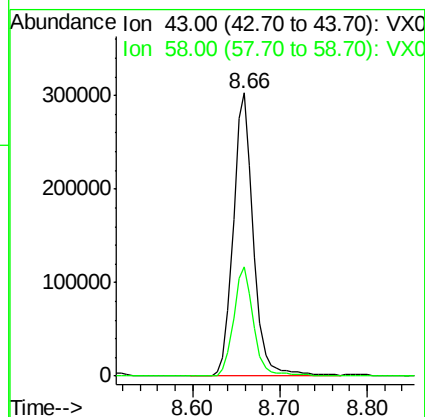
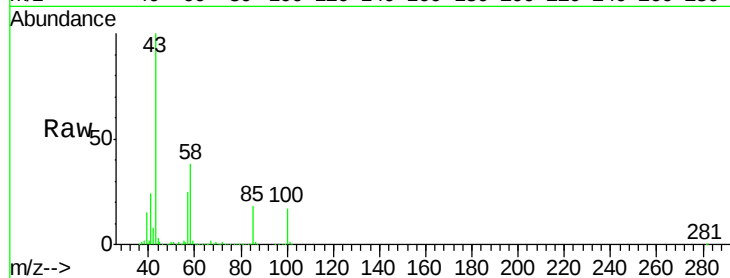
58 38.5 30.8 46.2

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#52

Toluene

Concen: 21.769 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001415.D

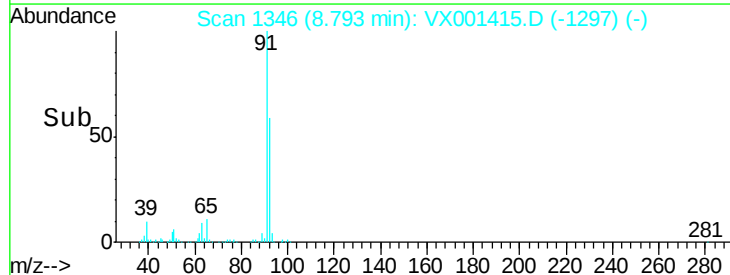
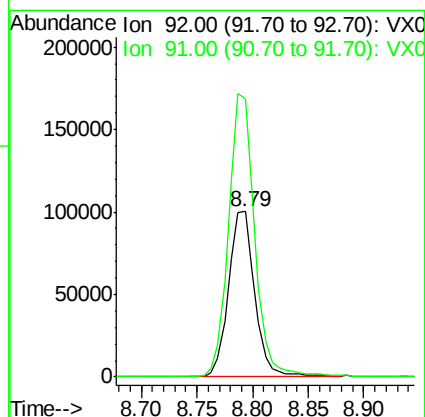
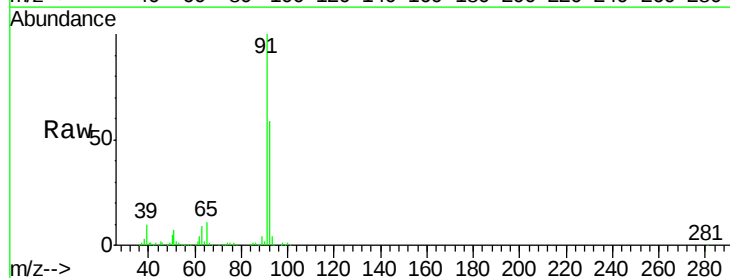
Acq: 05 May 2018 12:57

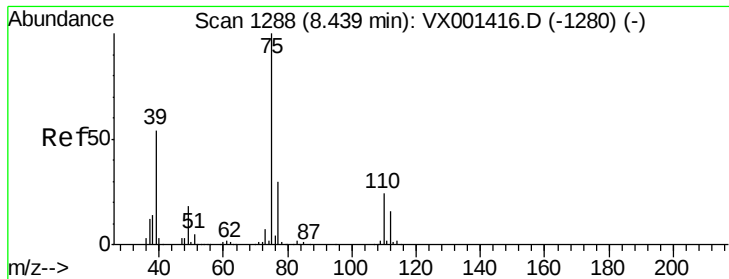
Tgt Ion: 92 Resp: 163914

Ion Ratio Lower Upper

92 100

91 171.3 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 21.171 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 93216

Ion Ratio Lower Upper

75 100

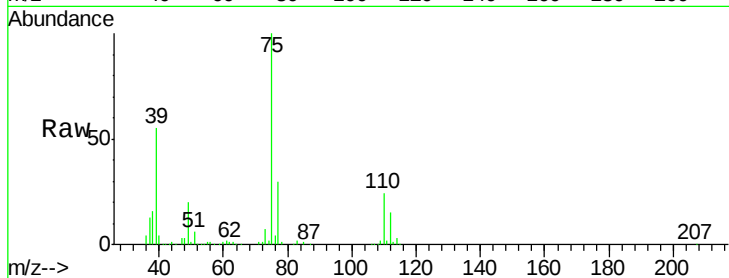
77 30.4 24.2 36.4

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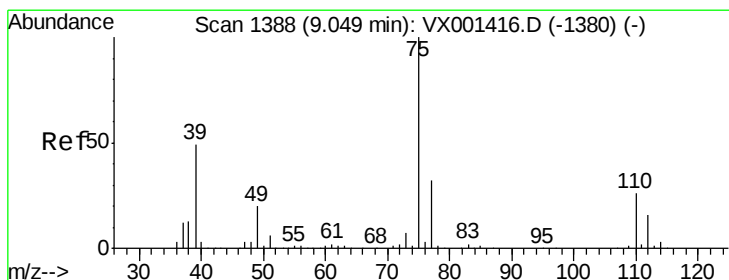
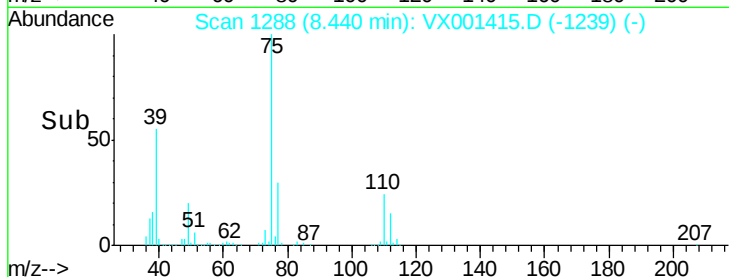
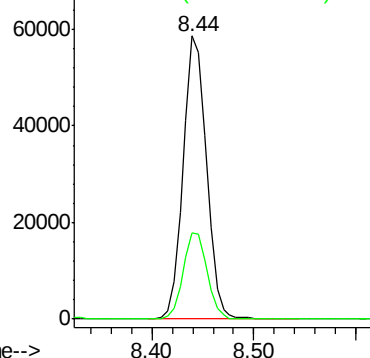
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.801 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

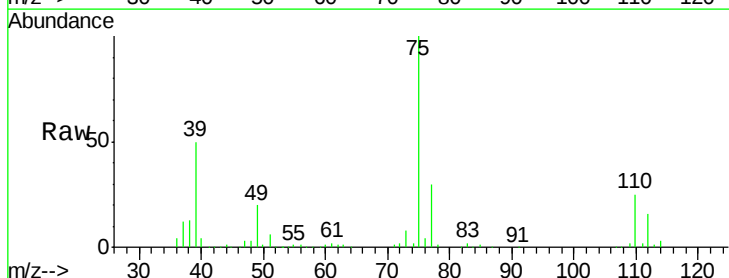
Tgt Ion: 75 Resp: 83917

Ion Ratio Lower Upper

75 100

77 30.2 25.5 38.3

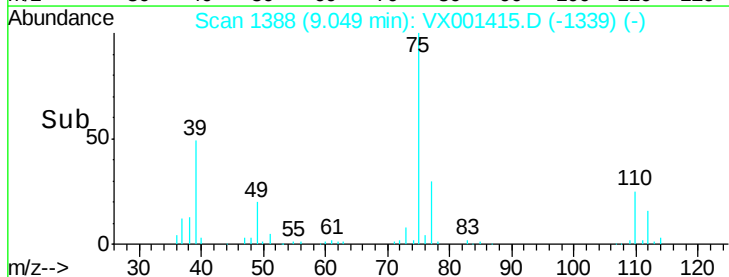
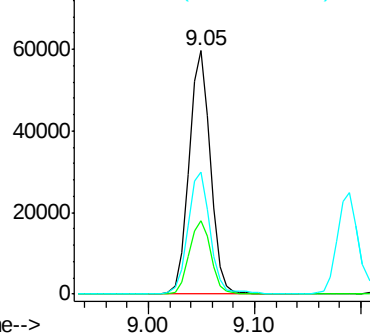
39 49.7 38.9 58.3

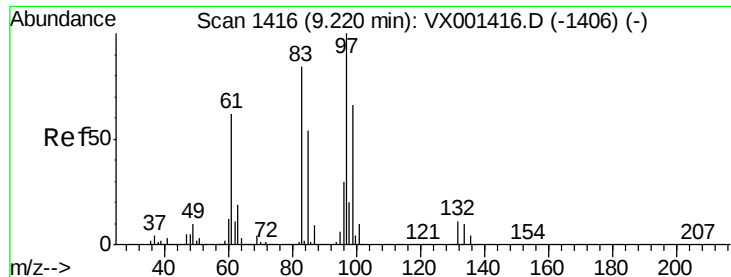


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





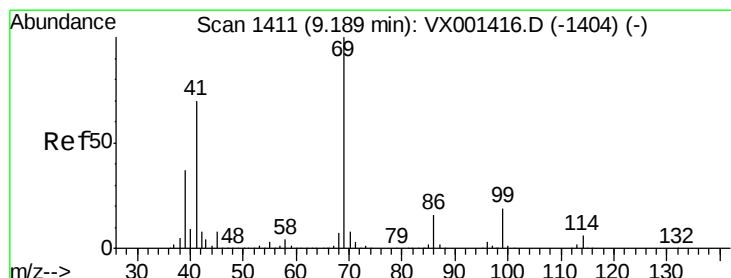
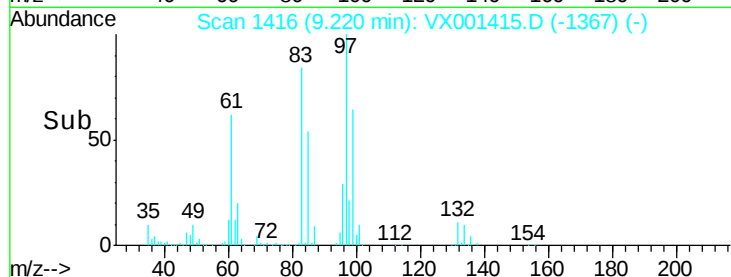
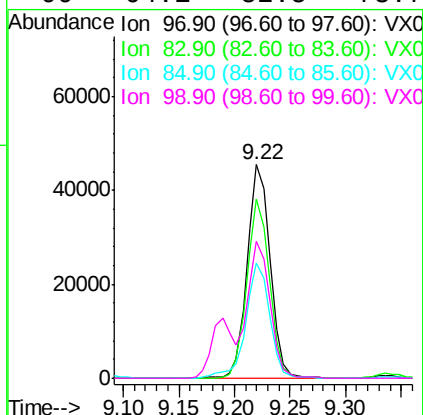
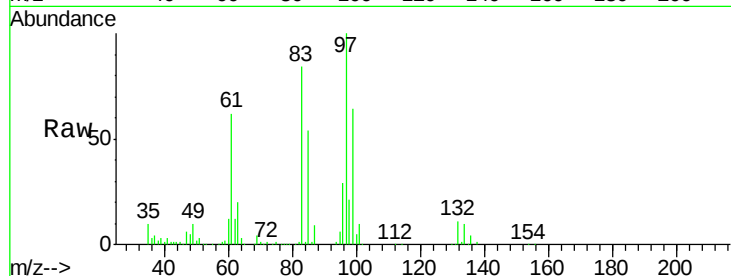
#55
 1,1,2-Trichloroethane
 Concen: 21.605 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	65365
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.4	101.0
85	53.7	43.3	64.9
99	64.1	52.5	78.7

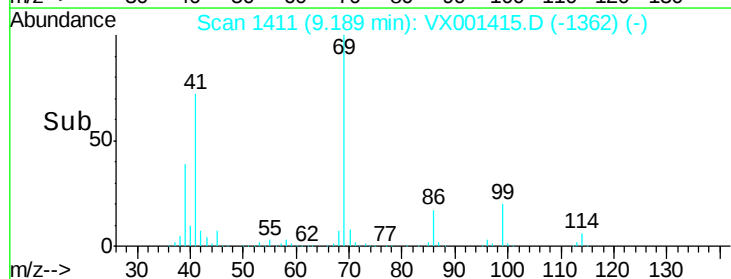
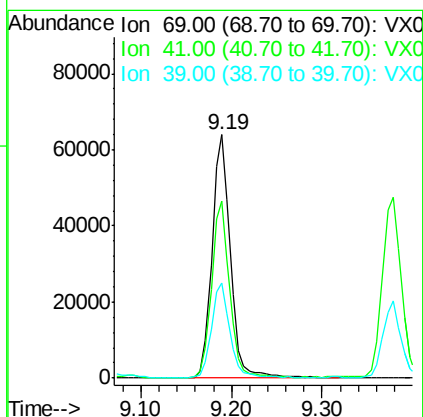
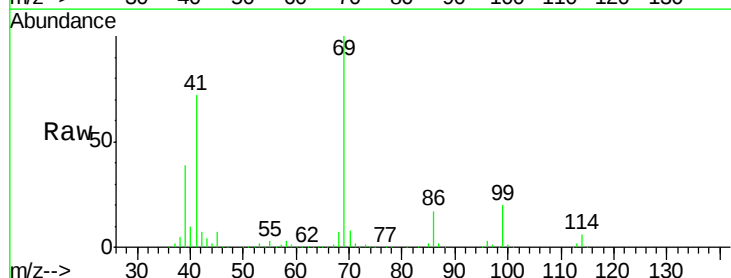
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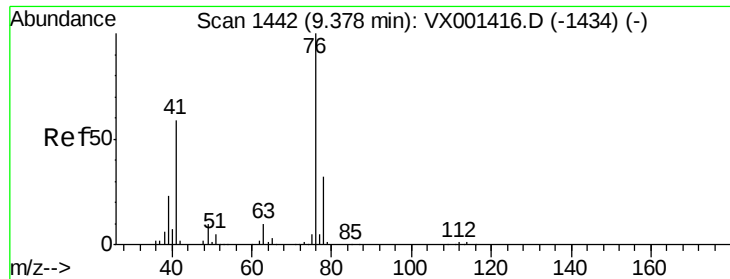
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#56
 Ethyl methacrylate
 Concen: 21.695 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion:	69	Resp:	91841
Ion	Ratio	Lower	Upper
69	100		
41	71.3	55.1	82.7
39	38.9	29.9	44.9





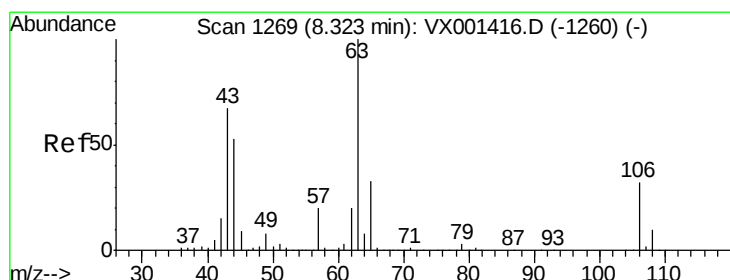
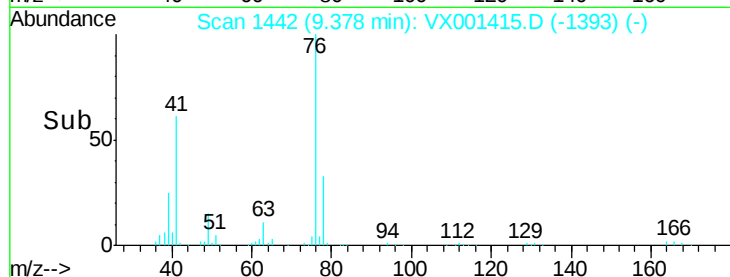
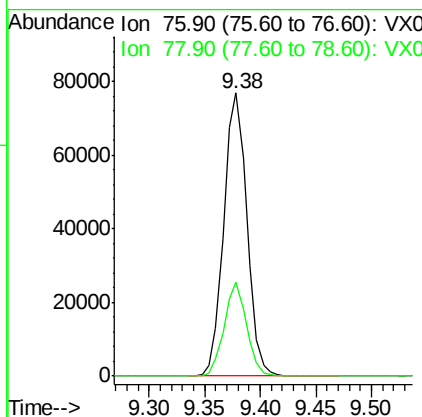
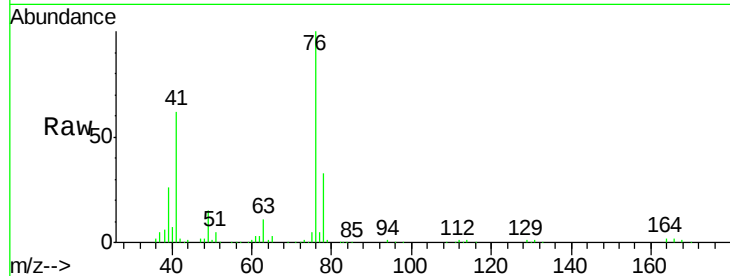
#57
 1,3-Dichloropropane
 Concen: 22.630 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

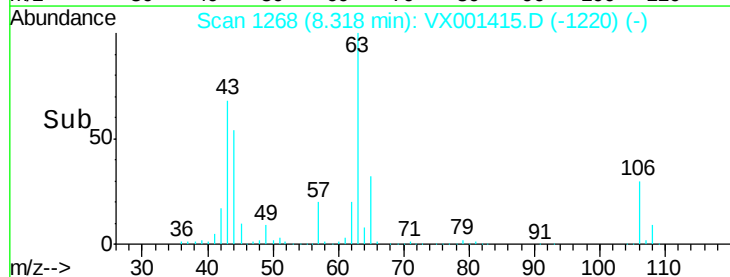
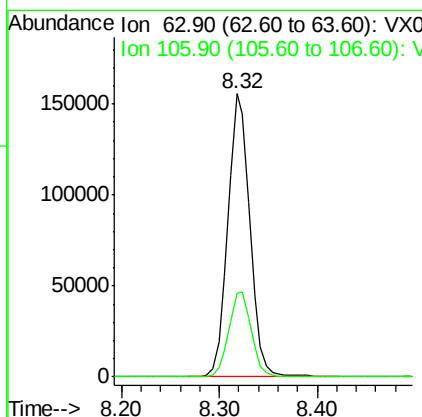
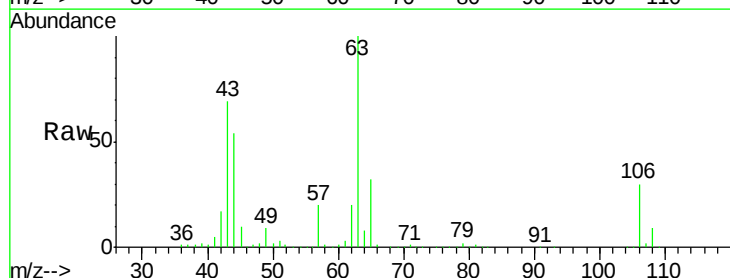
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#58
 2-Chloroethyl Vinyl ether
 Concen: 117.591 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.3	25.4	38.0





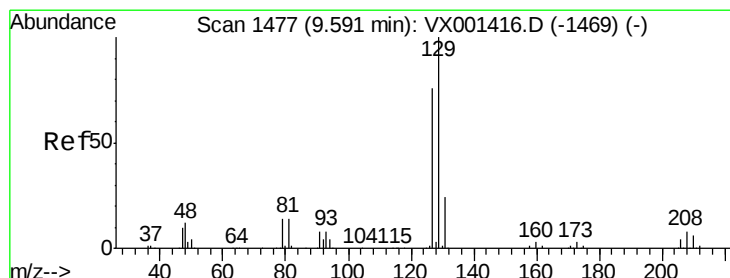
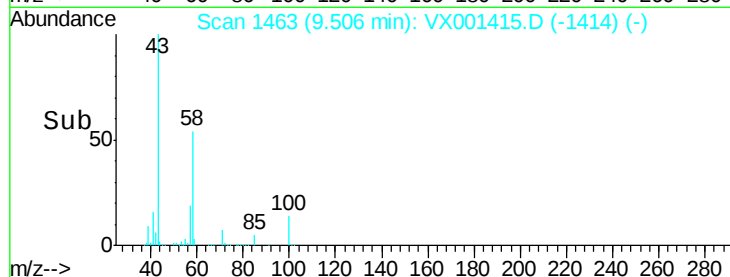
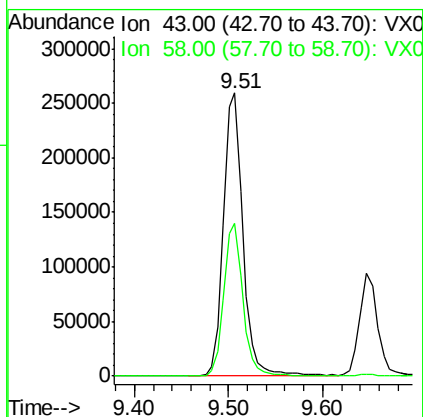
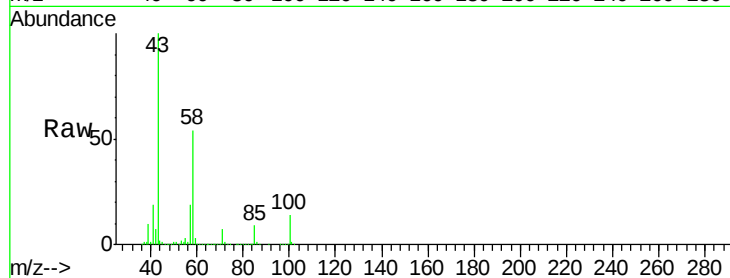
#59
2-Hexanone
Concen: 112.751 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.3	27.1	81.2

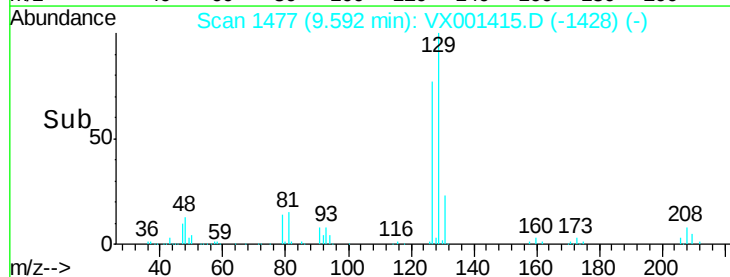
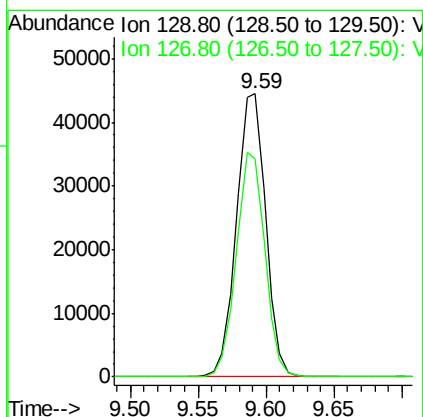
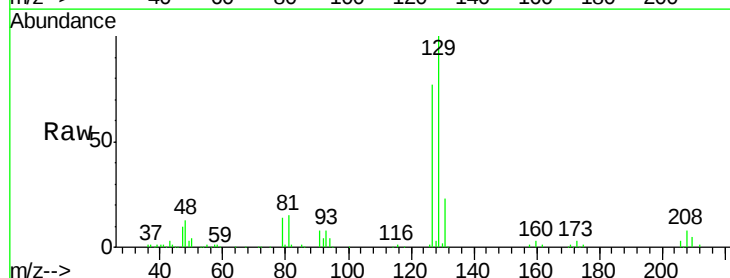
Manual Integrations
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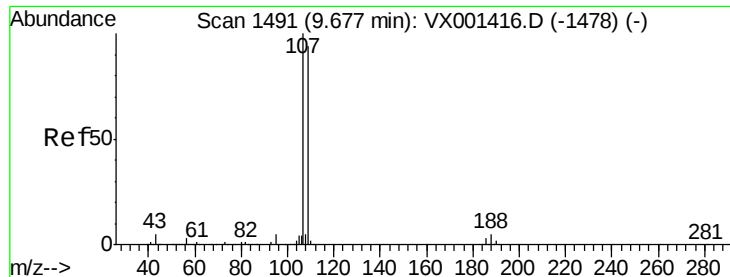
apatel
5/8/2018 7:53:31 AM



#60
Dibromochloromethane
Concen: 20.977 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.1	114.5





#61

1,2-Dibromoethane

Concen: 21.740 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:107 Resp: 69877

Ion Ratio Lower Upper

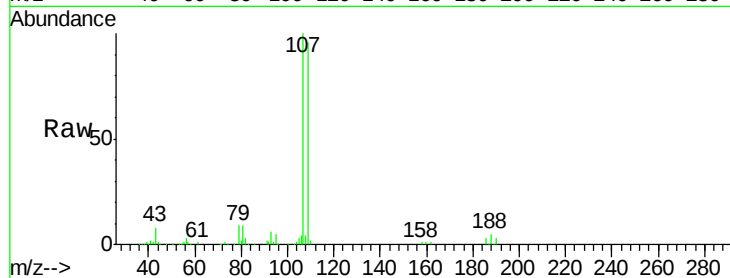
107 100

109 95.1 75.5 113.3

Manual Integrations
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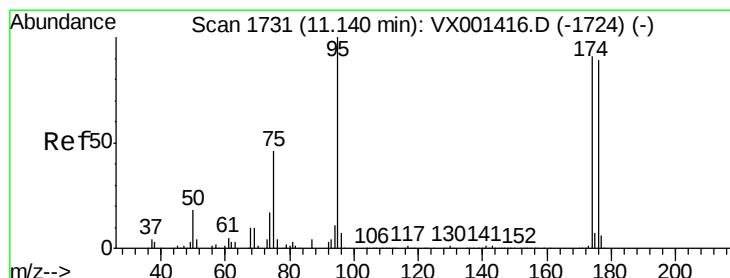
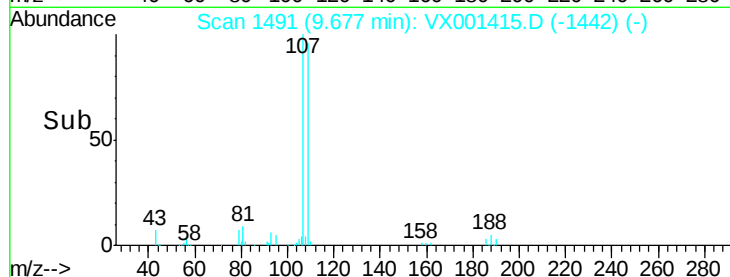
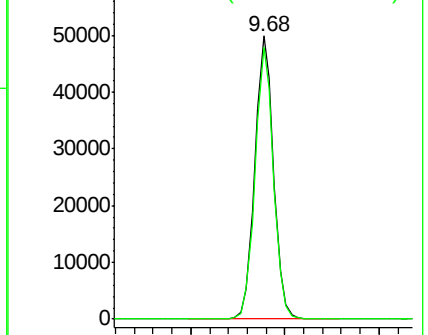
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 20.464 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

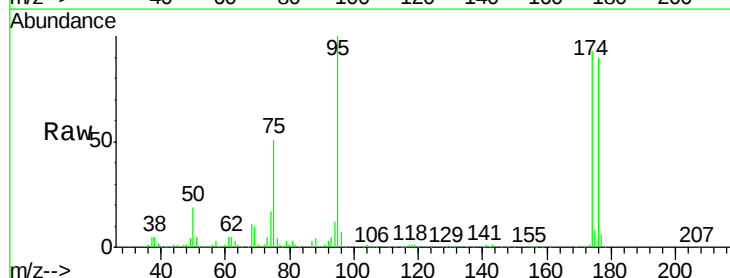
Tgt Ion: 95 Resp: 85825

Ion Ratio Lower Upper

95 100

174 99.5 0.0 202.0

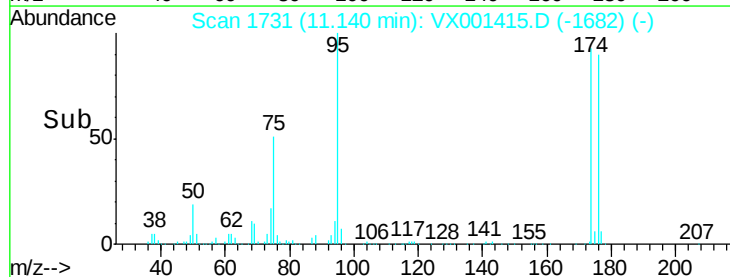
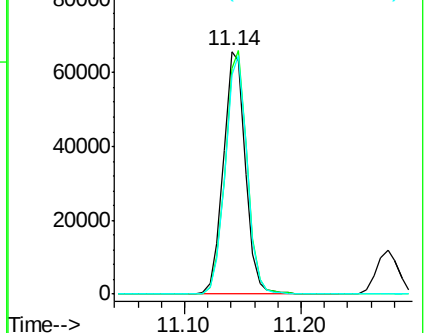
176 97.4 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





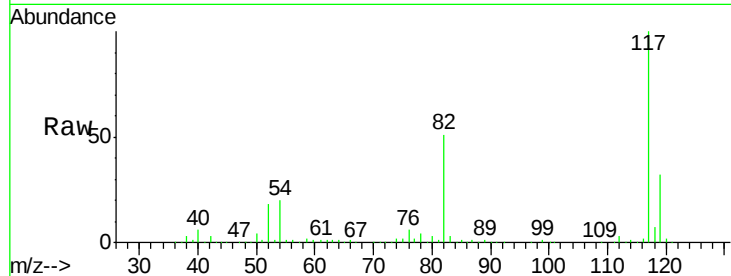
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.0	60.0
119	31.8	25.8	38.8

Manual Integrations
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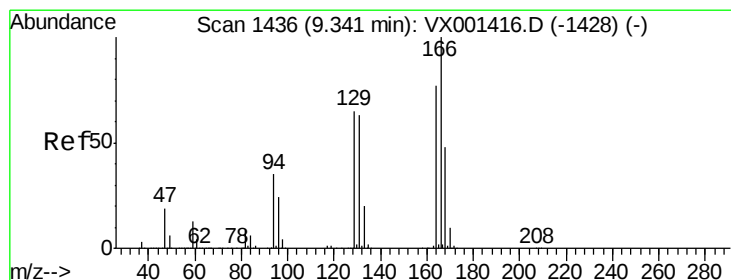
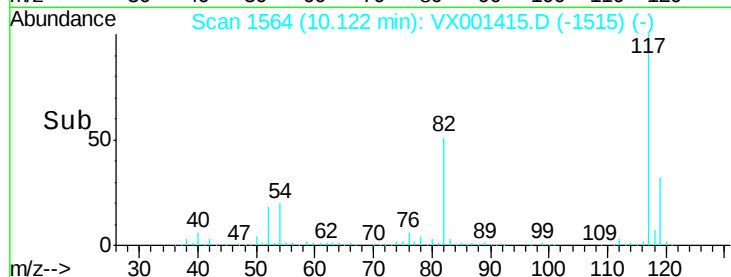
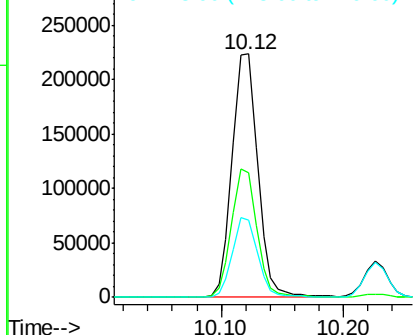


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 23.476 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	103.5	155.3
129	83.5	66.7	100.1
131	80.5	64.9	97.3

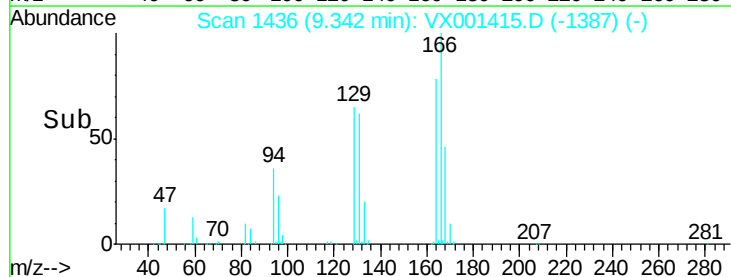
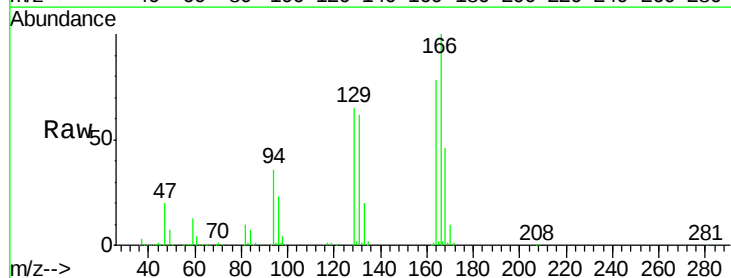
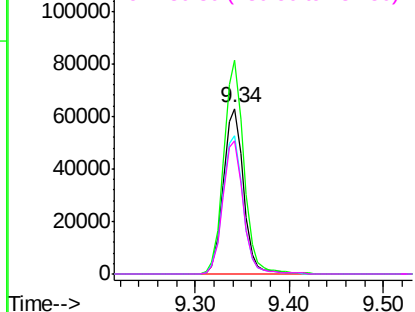
Abundance

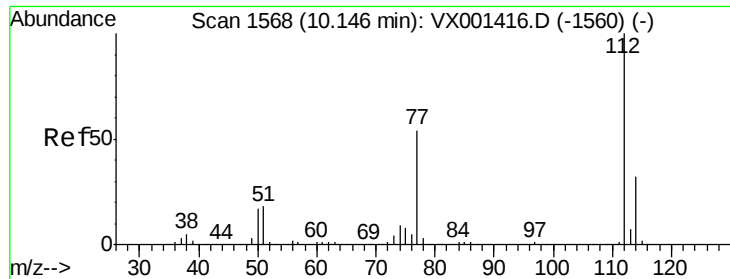
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.818 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion:112 Resp: 187905

Ion Ratio Lower Upper

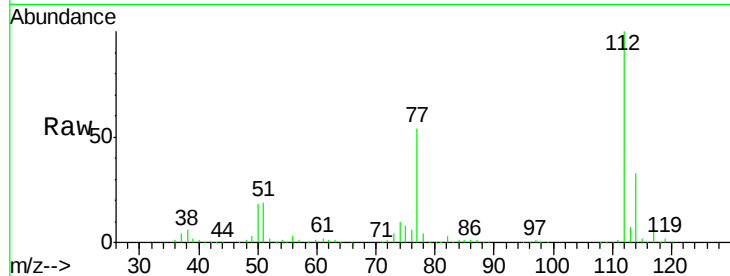
112 100

114 32.6 26.0 39.0

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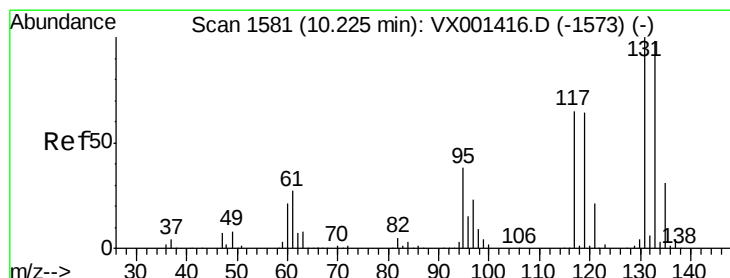
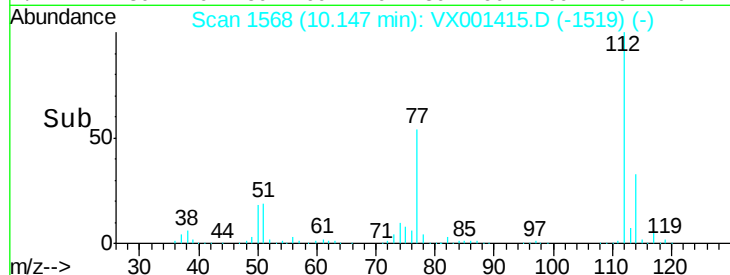
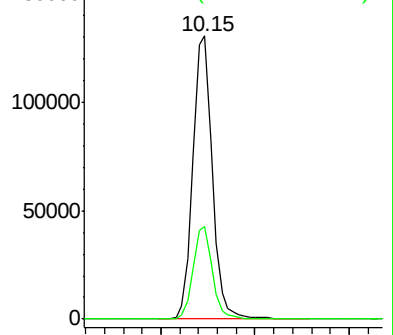
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.953 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

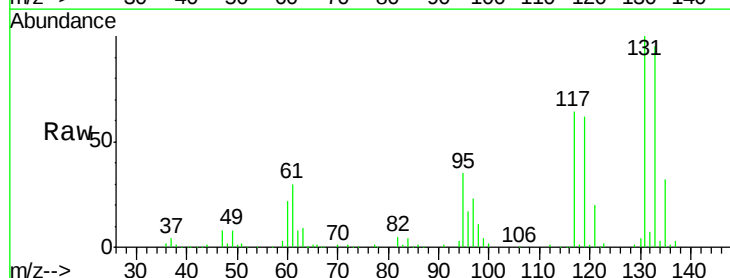
Tgt Ion:131 Resp: 68991

Ion Ratio Lower Upper

131 100

133 94.7 47.9 143.8

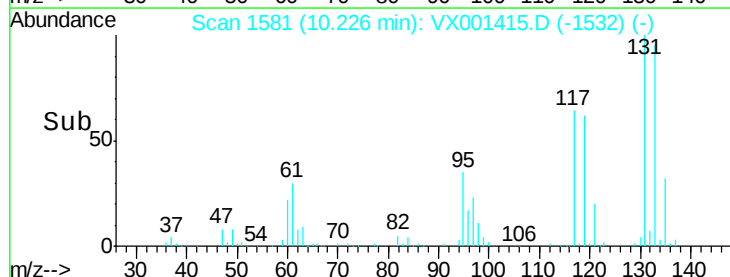
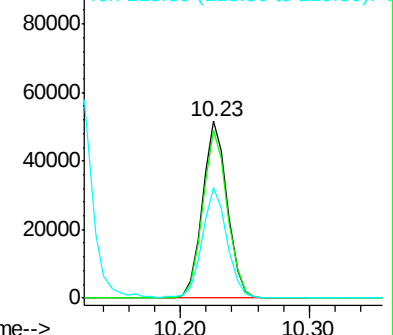
119 62.6 31.1 93.3

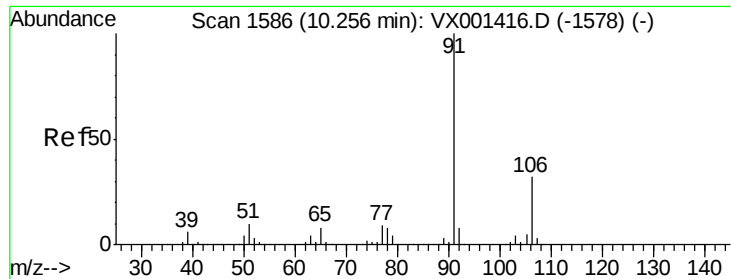


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.033 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 312294

Ion Ratio Lower Upper

91 100

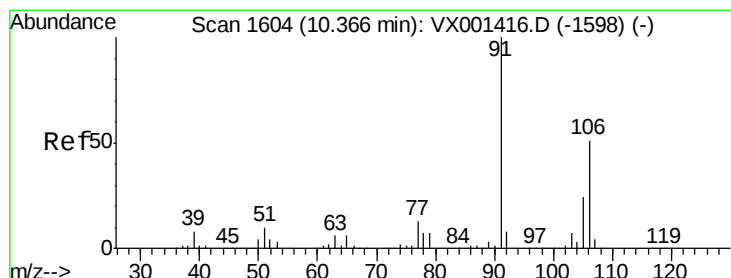
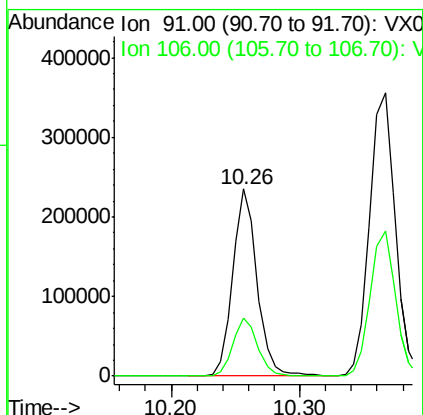
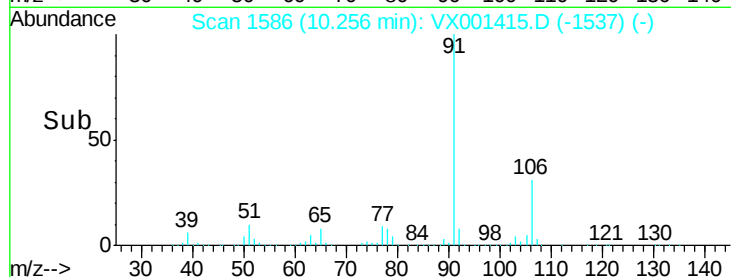
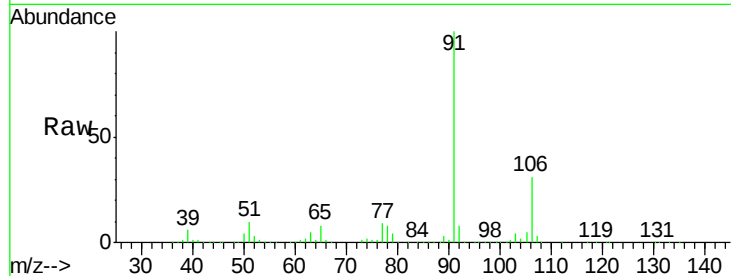
106 30.7 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 42.615 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001415.D

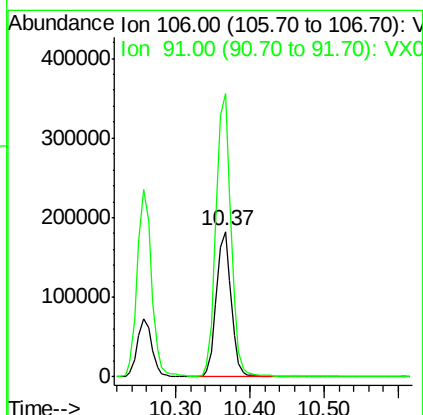
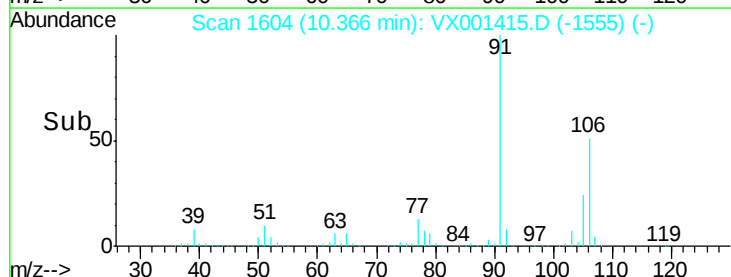
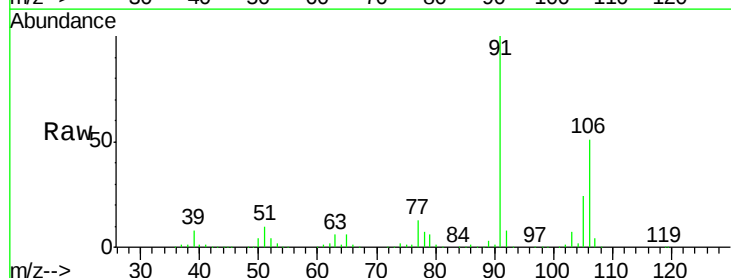
Acq: 05 May 2018 12:57

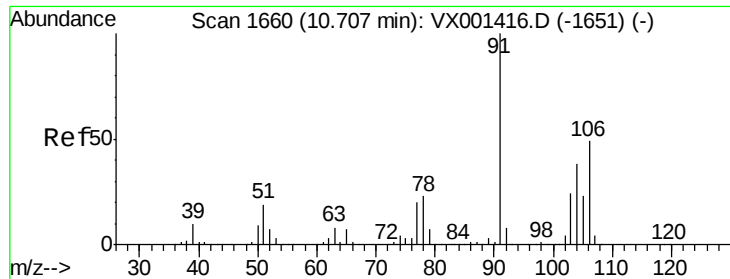
Tgt Ion: 106 Resp: 249446

Ion Ratio Lower Upper

106 100

91 197.6 157.5 236.3





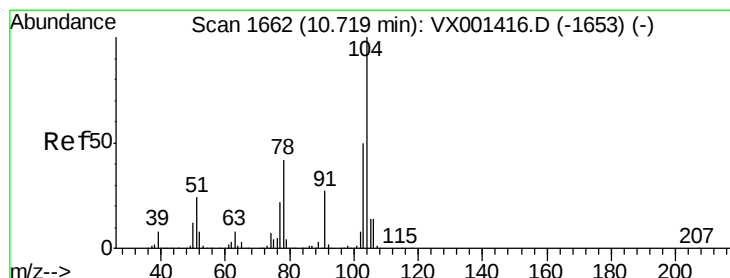
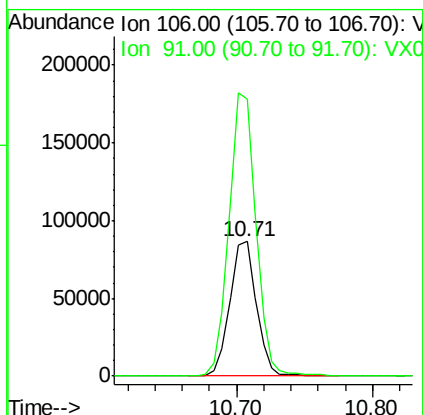
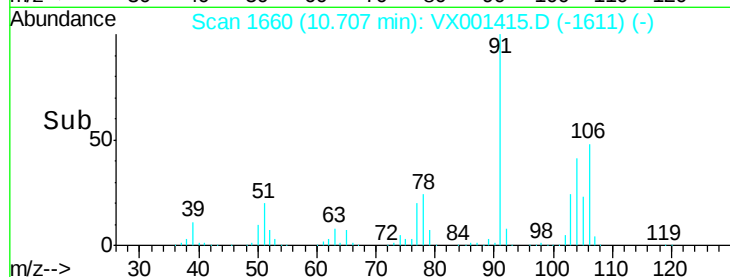
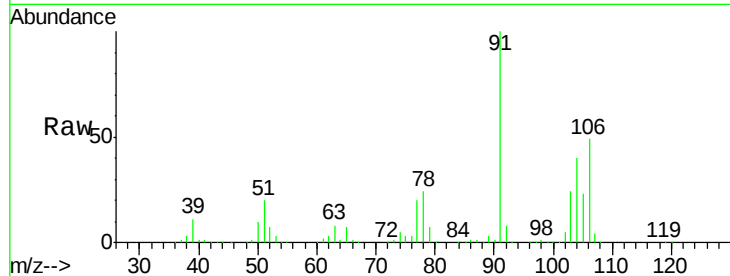
#69
o-Xylene
Concen: 20.884 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	212.7	103.1	309.1		

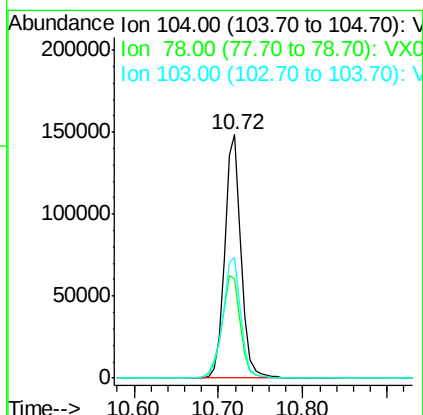
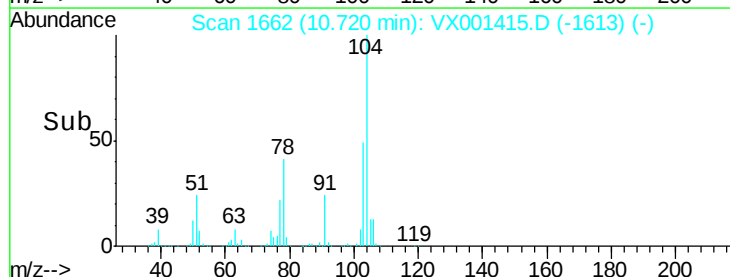
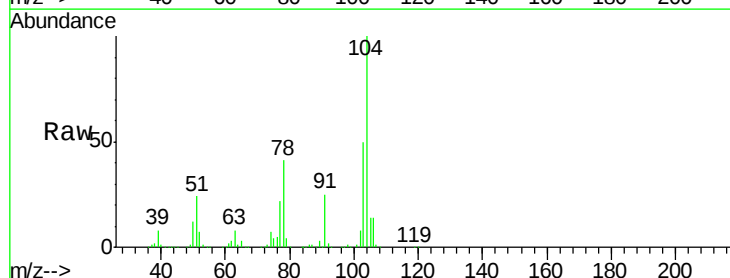
Manual Integrations
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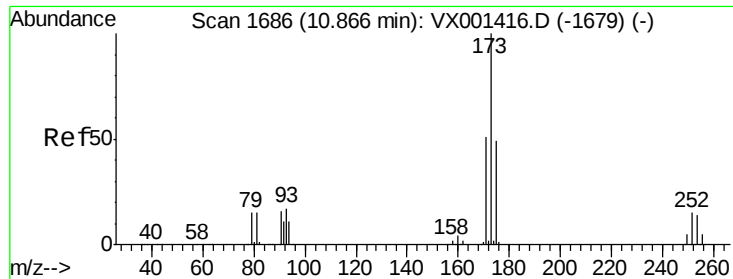
apatel
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#70
Styrene
Concen: 21.202 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.5	38.6	58.0		
103	55.0	44.0	66.0		





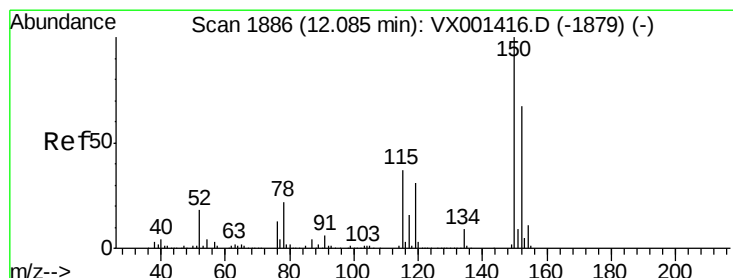
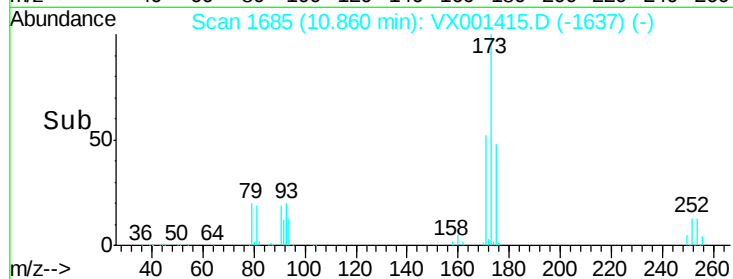
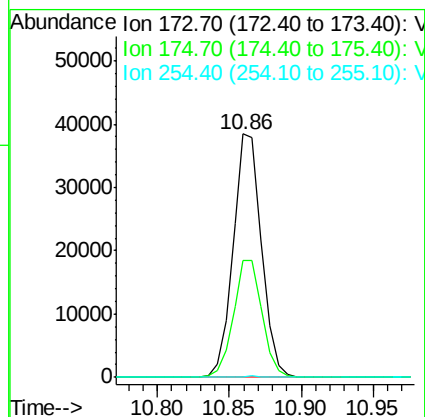
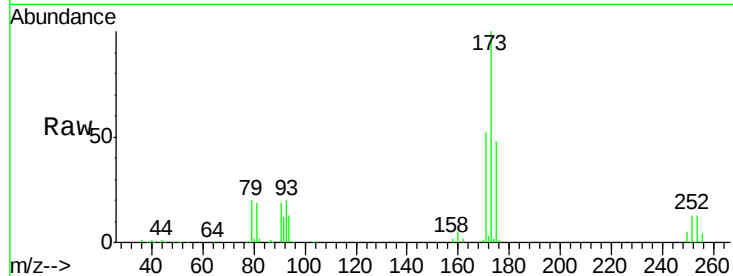
#71
Bromoform
Concen: 19.964 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.5	73.5
254	0.2	0.2	0.2

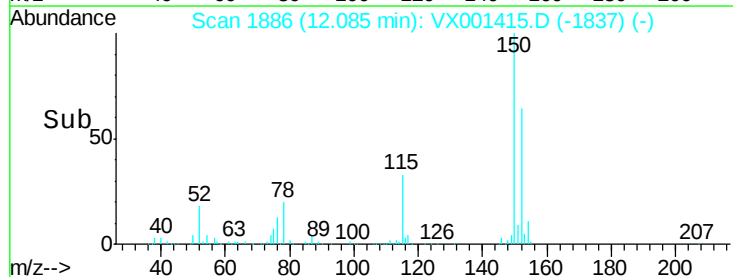
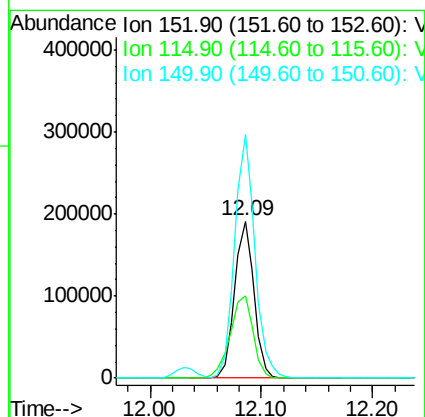
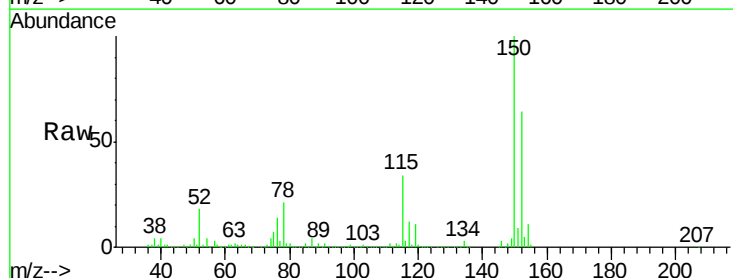
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	37.7	113.1
150	162.6	0.0	349.4





#73

Isopropylbenzene

Concen: 20.965 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 105 Resp: 325335

Ion Ratio Lower Upper

105 100

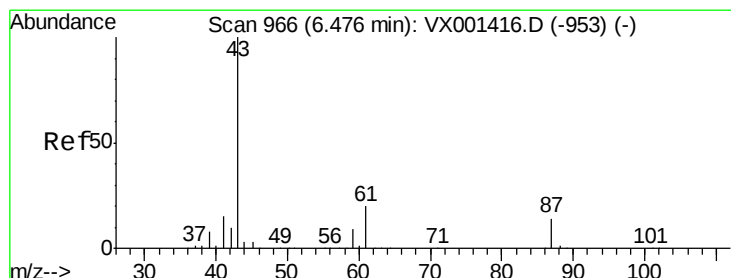
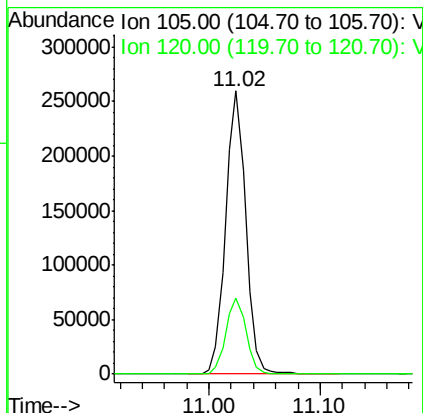
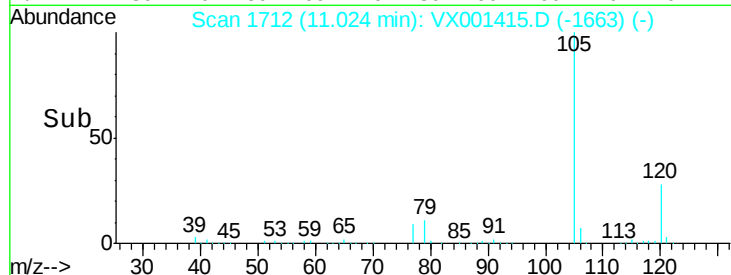
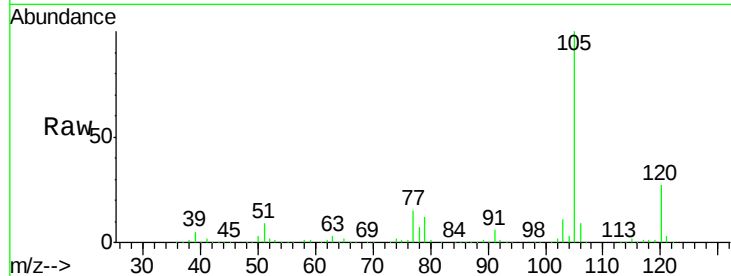
120 27.2 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.104 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Tgt Ion: 43 Resp: 141006

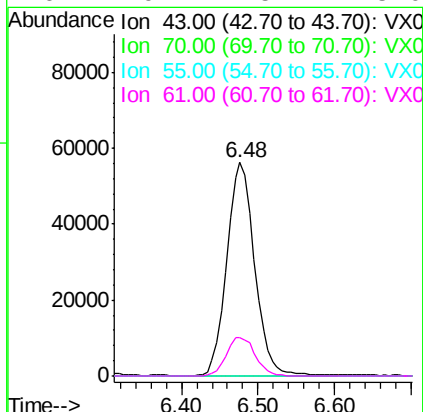
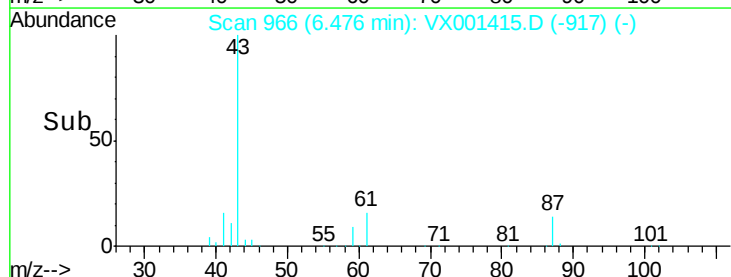
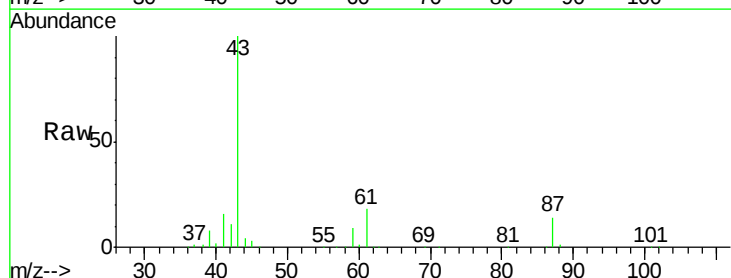
Ion Ratio Lower Upper

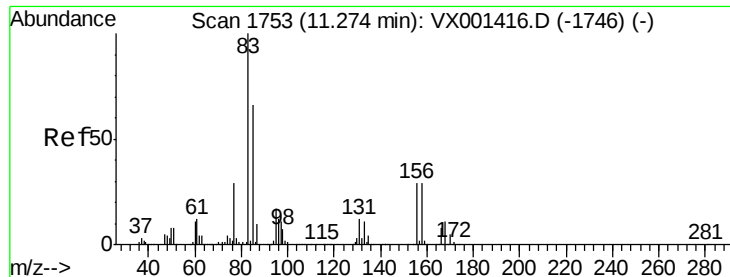
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.1 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.729 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

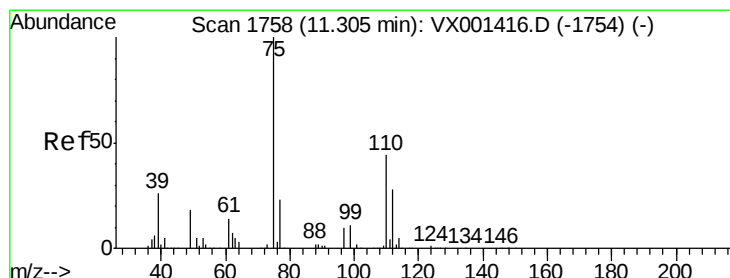
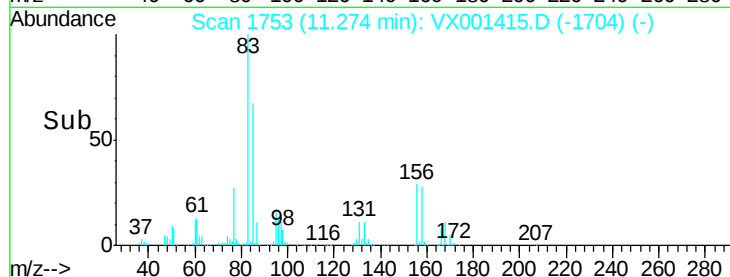
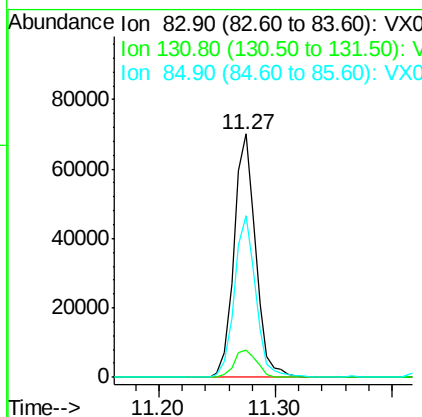
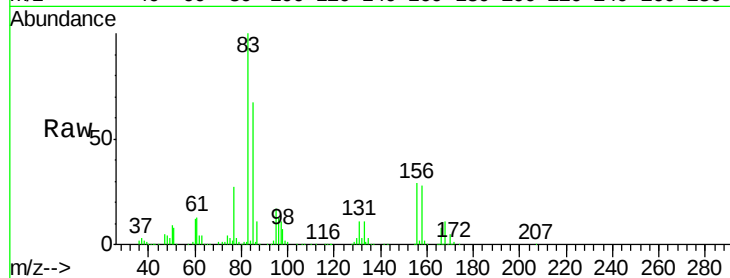
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	90978
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.8	17.4
85	65.5	32.7	98.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.464 ug/l m

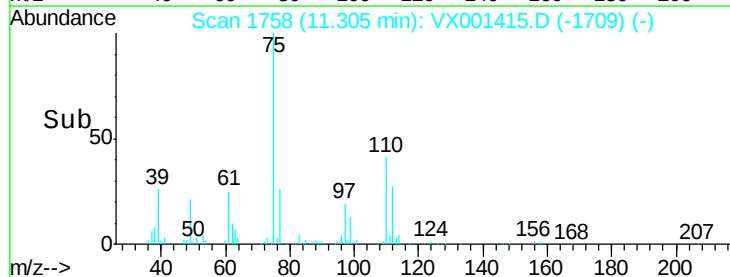
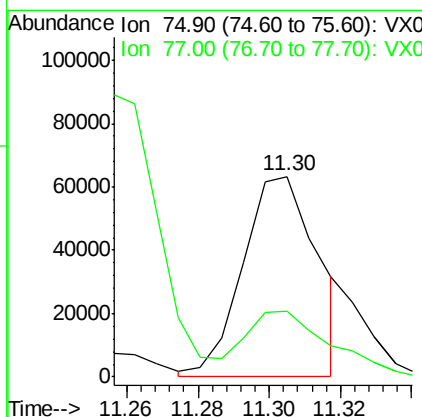
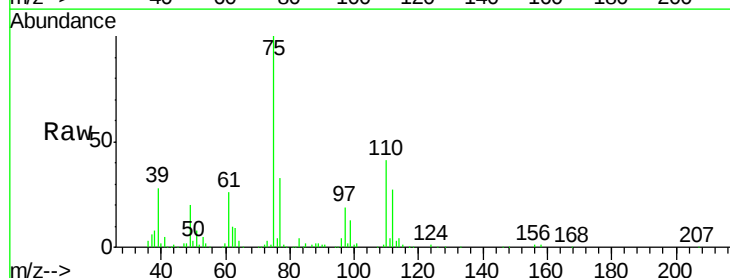
RT: 11.30 min Scan# 1758

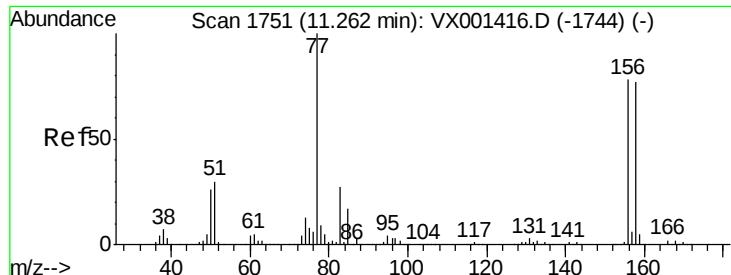
Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Tgt Ion:	75	Resp:	92074
Ion Ratio	Lower	Upper	
75	100		
77	36.7	19.6	58.7





#77

Bromobenzene

Concen: 20.535 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:156 Resp: 91482

Ion Ratio Lower Upper

156 100

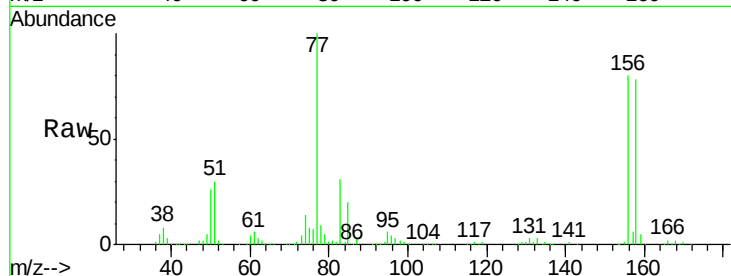
77 133.3 66.0 198.2

158 97.8 49.4 148.2

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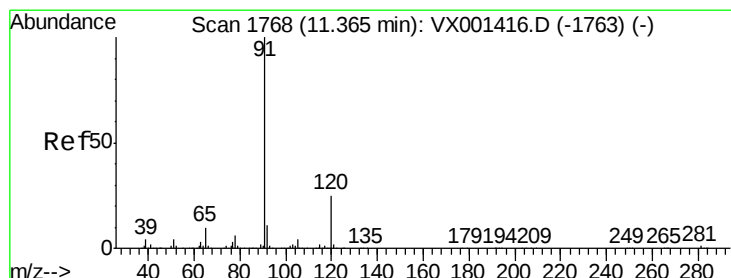
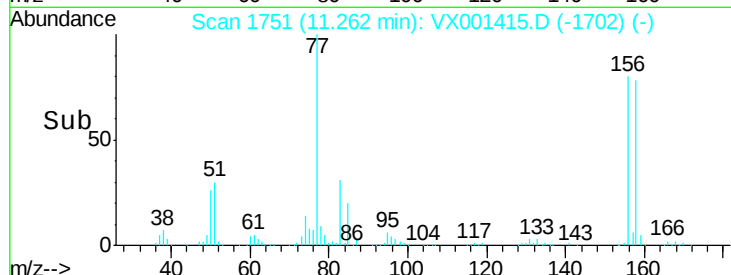
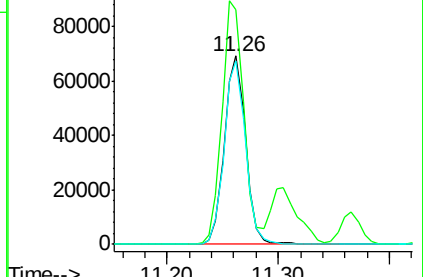
5/8/2018 7:53:31 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.703 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001415.D

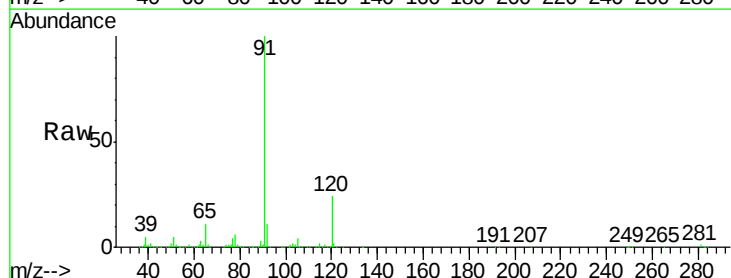
Acq: 05 May 2018 12:57

Tgt Ion: 91 Resp: 355730

Ion Ratio Lower Upper

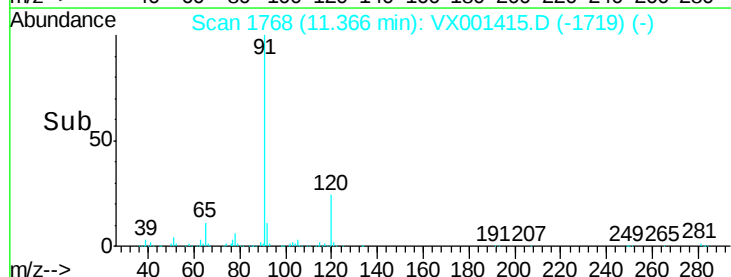
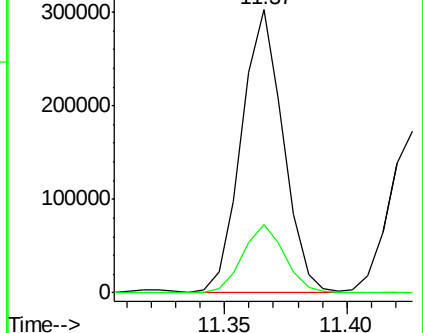
91 100

120 24.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.719 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 215164

Ion Ratio Lower Upper

91 100

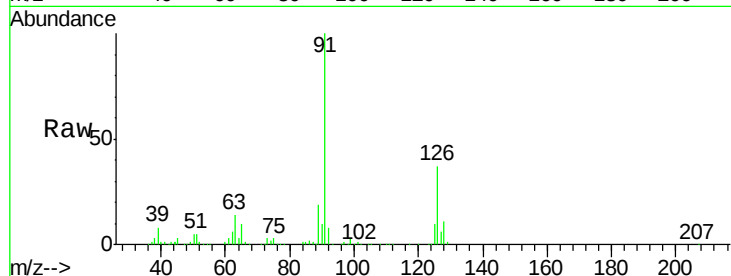
126 37.0 18.1 54.4

Manual Integrations

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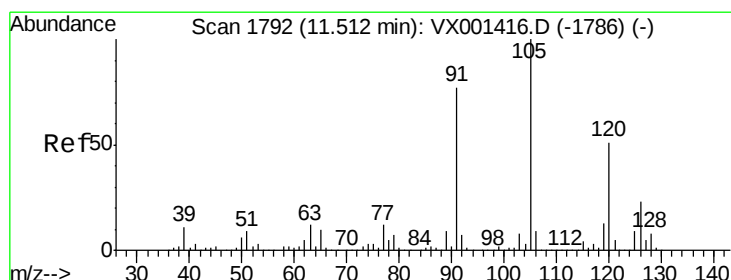
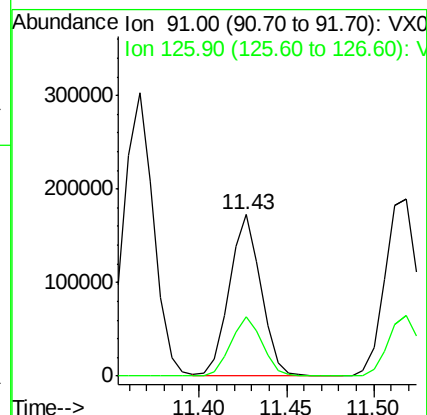
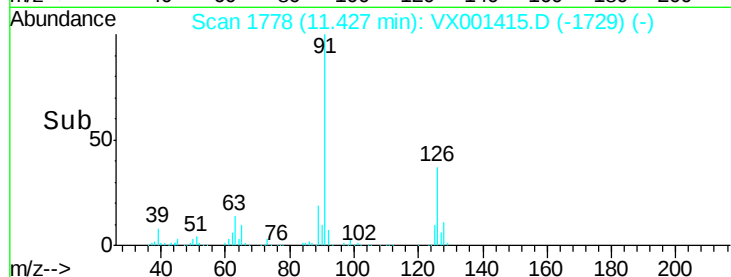
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX001415.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001415.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.067 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001415.D

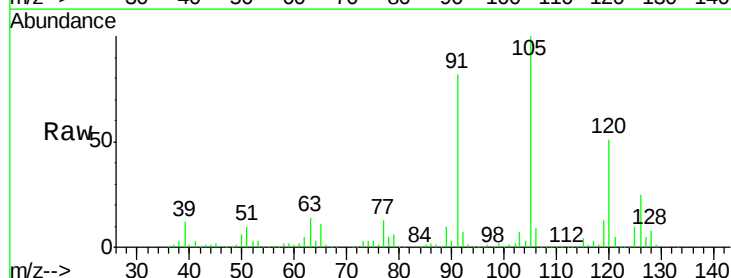
Acq: 05 May 2018 12:57

Tgt Ion: 105 Resp: 273074

Ion Ratio Lower Upper

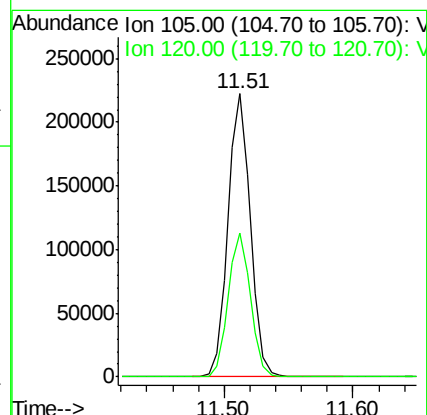
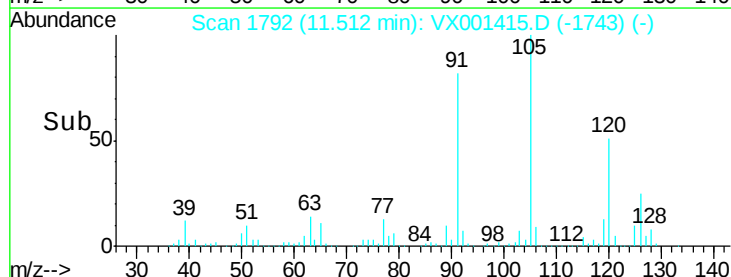
105 100

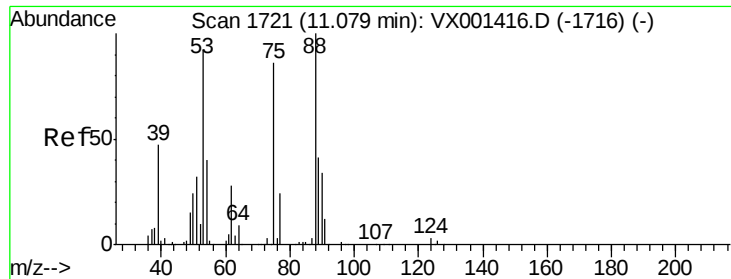
120 50.8 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): VX001415.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001415.D (-1786) (-)





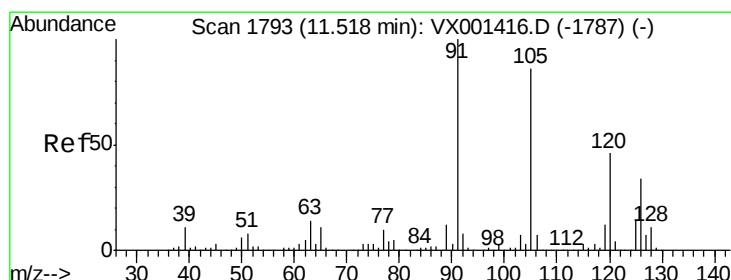
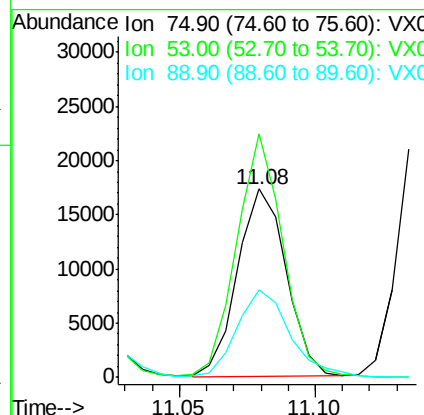
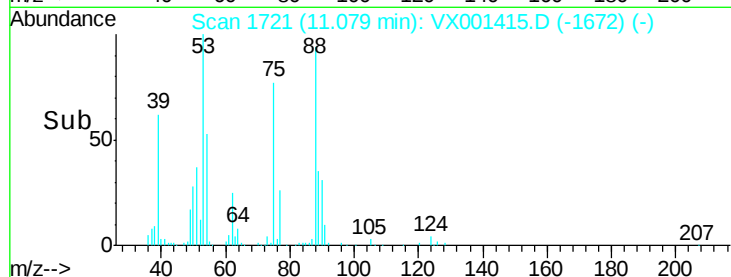
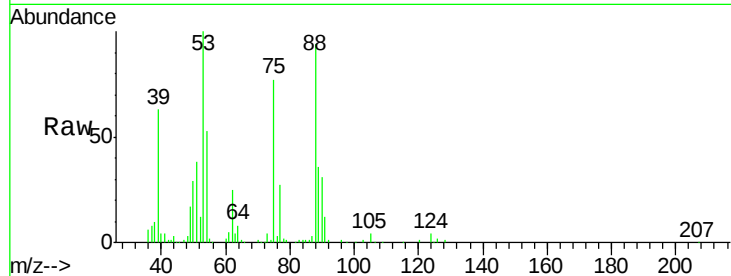
#81
trans-1,4-Dichloro-2-butene
Concen: 19.218 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	122.4	84.5	126.7
89	50.8	39.5	59.3

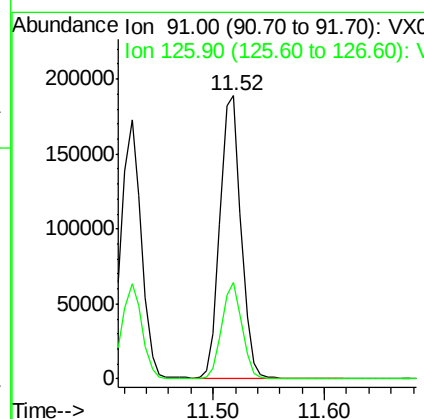
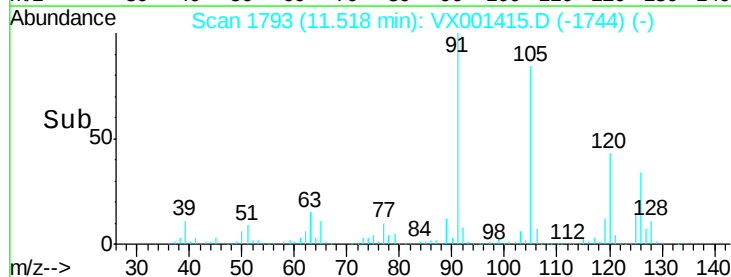
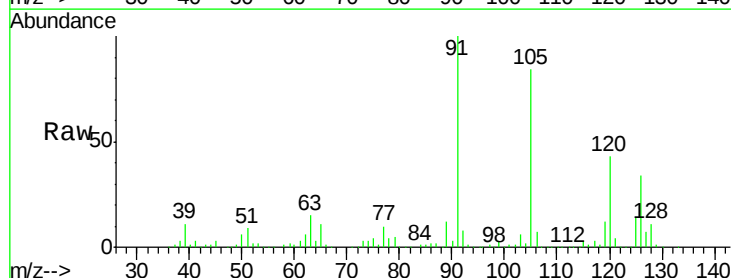
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#82
4-Chlorotoluene
Concen: 20.078 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.5





#83

tert-Butylbenzene

Concen: 20.132 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

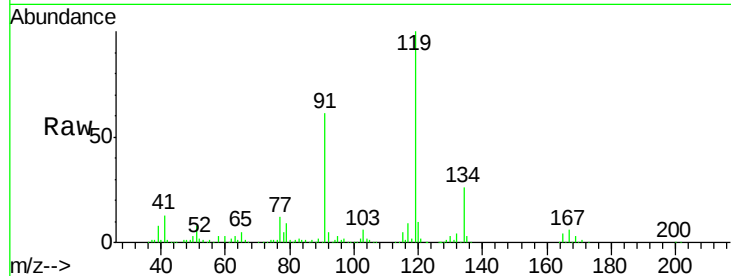
ClientSampleId :

VSTDIC020

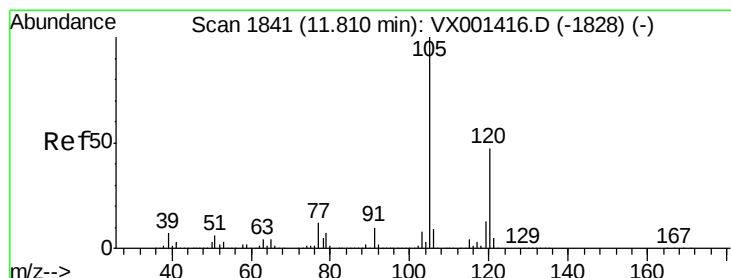
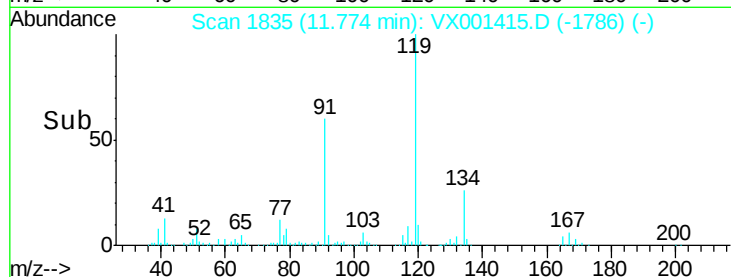
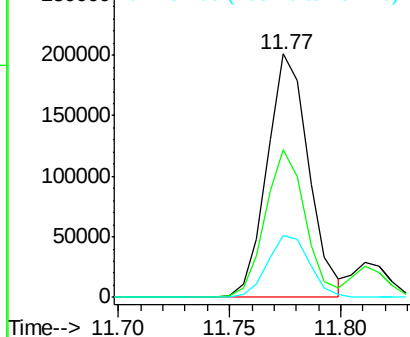
Tot Ion:	119	Resp:	260167
Ion Ratio	Lower	Upper	
119	100		
91	58.5	27.8	83.3
134	25.7	12.4	37.0

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.224 ug/l

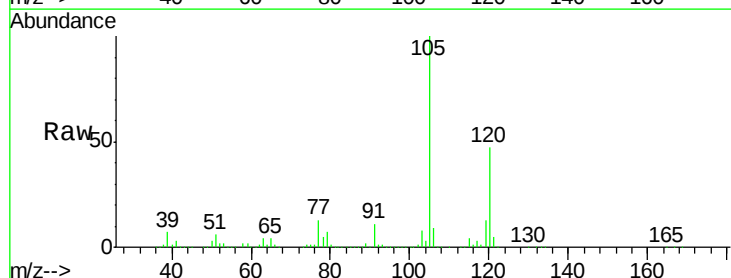
RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

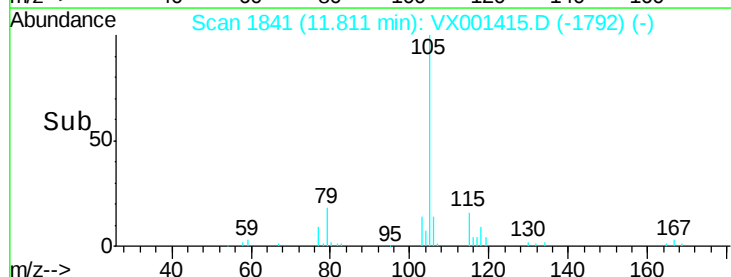
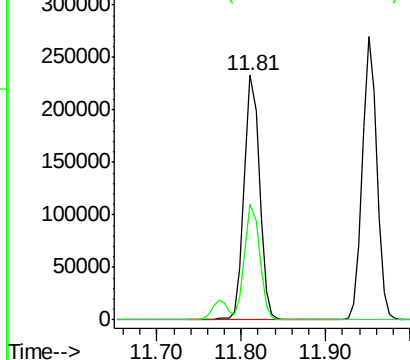
Lab File: VX001415.D

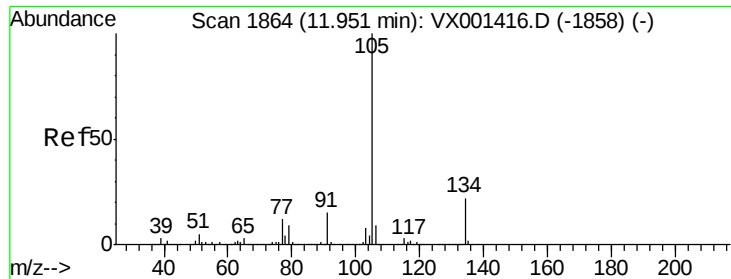
Acq: 05 May 2018 12:57

Tgt Ion:	105	Resp:	282329
Ion Ratio	Lower	Upper	
105	100		
120	46.4	23.4	70.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





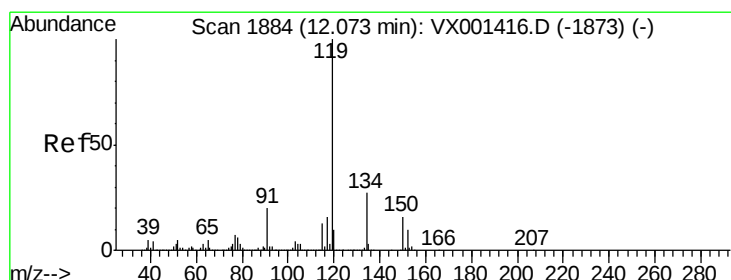
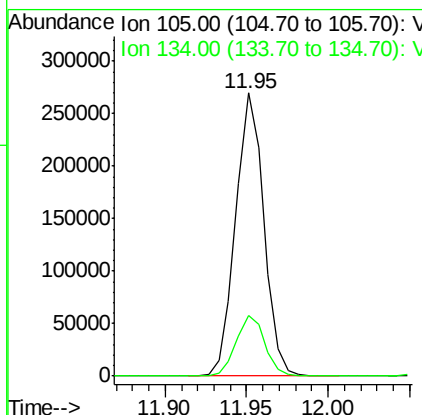
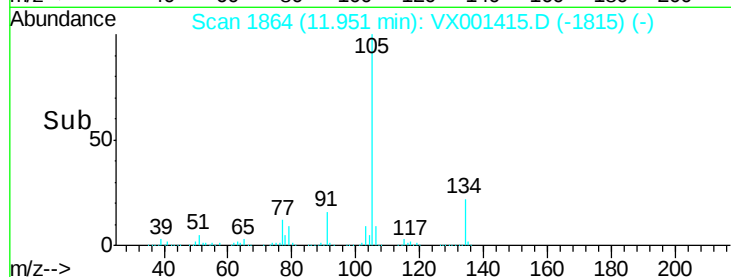
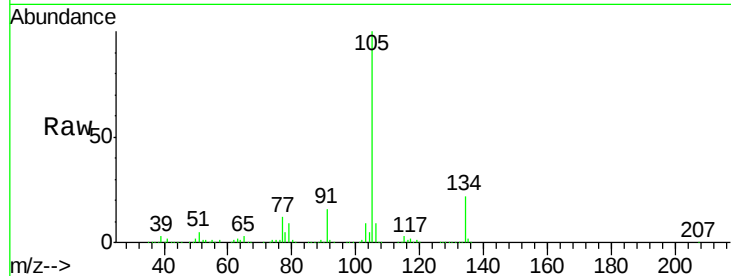
#85
 sec-Butylbenzene
 Concen: 20.979 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.8	10.9	32.9

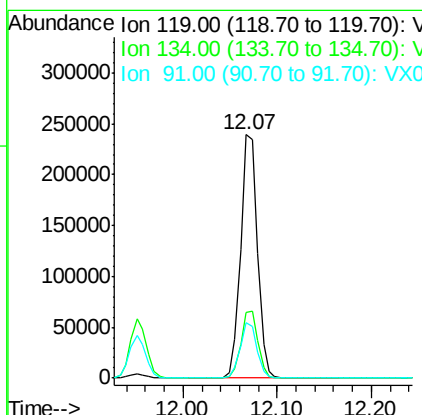
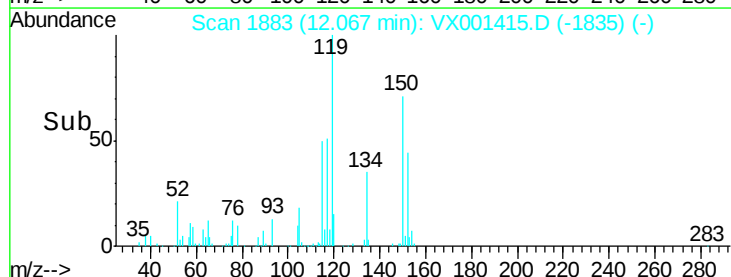
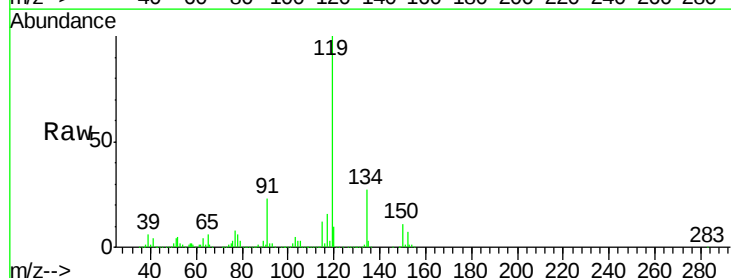
Manual Integrations
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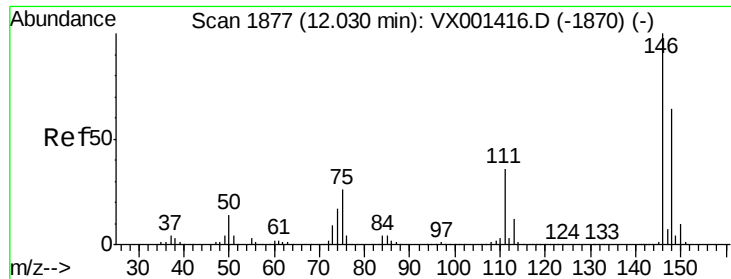
apatel
 5/8/2018 7:53:31 AM



#86
 p-Isopropyltoluene
 Concen: 20.834 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.6	40.8
91	22.5	10.8	32.3





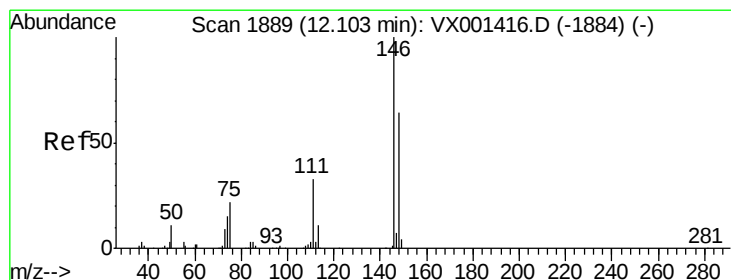
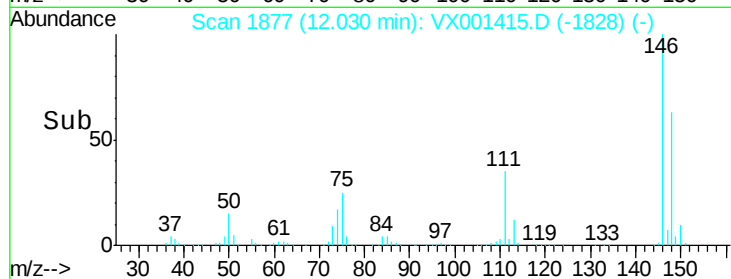
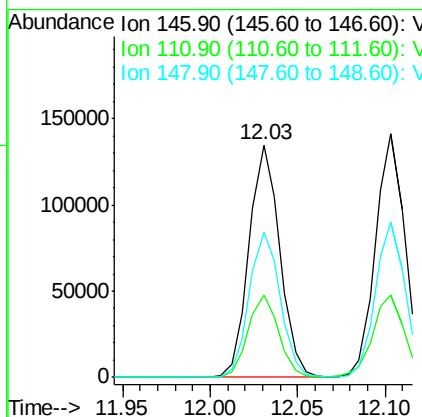
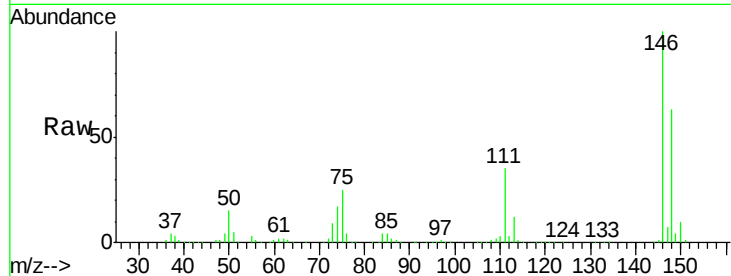
#87
 1,3-Dichlorobenzene
 Concen: 19.864 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	165398		
111	35.2	18.1	54.1	
148	63.2	32.1	96.5	

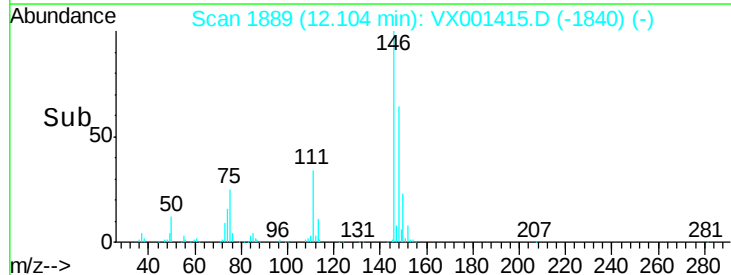
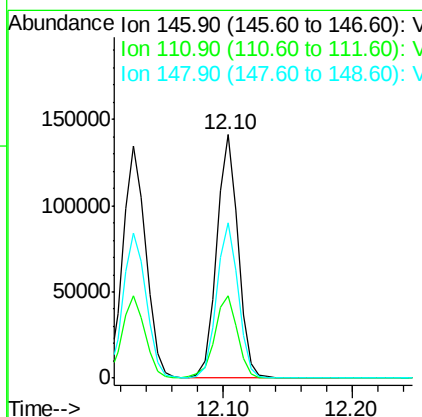
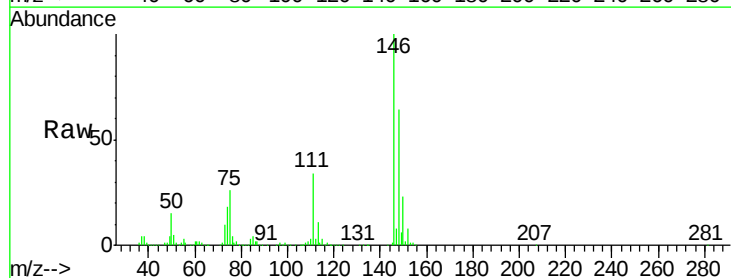
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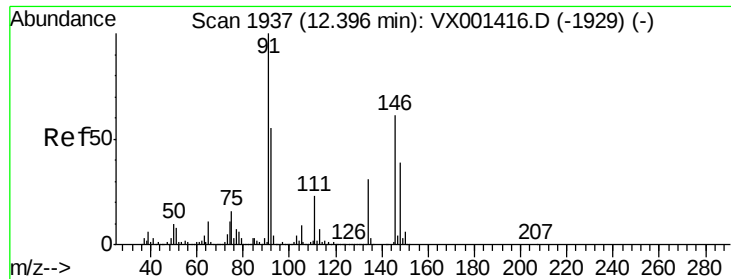
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#88
 1,4-Dichlorobenzene
 Concen: 19.415 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	166020		
111	36.4	17.4	52.3	
148	64.6	32.2	96.6	





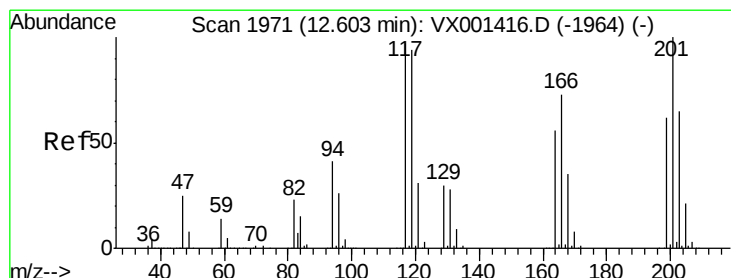
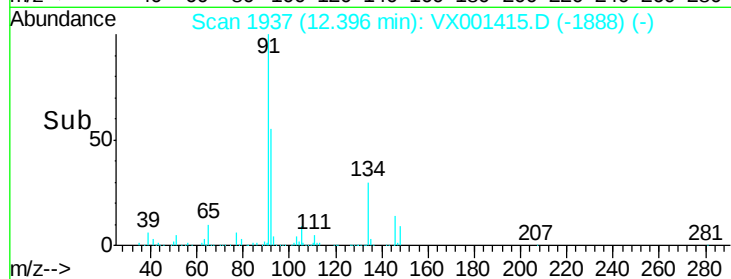
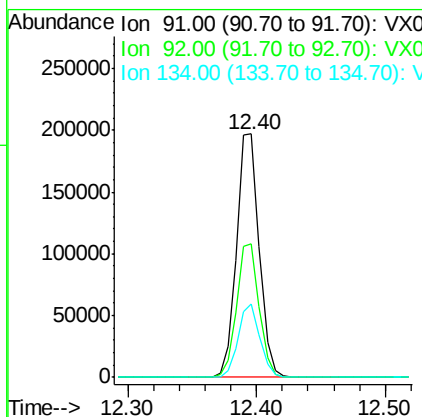
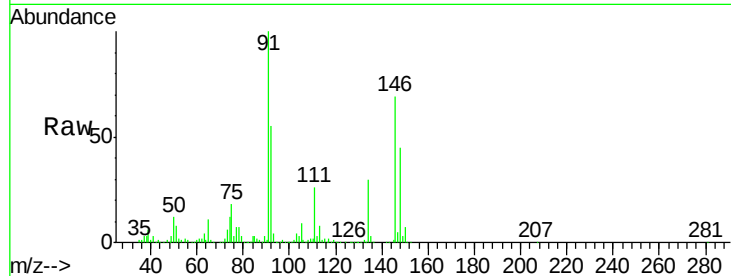
#89
n-Butylbenzene
Concen: 19.633 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.3	27.2	81.5	
134	28.7	14.6	44.0	

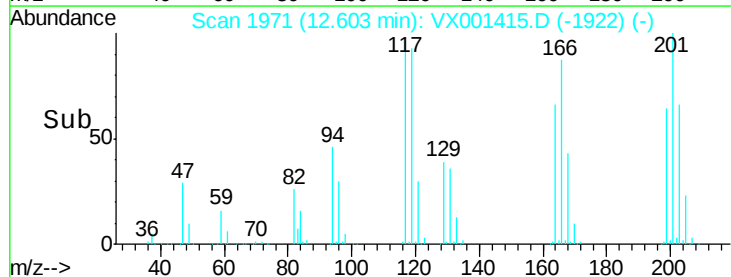
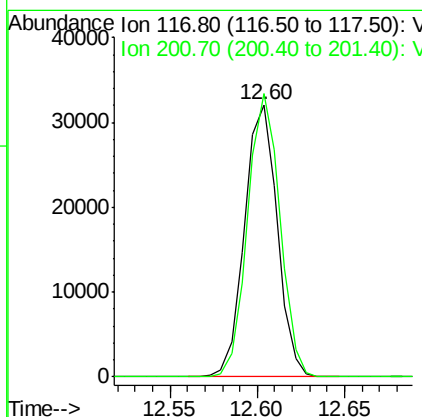
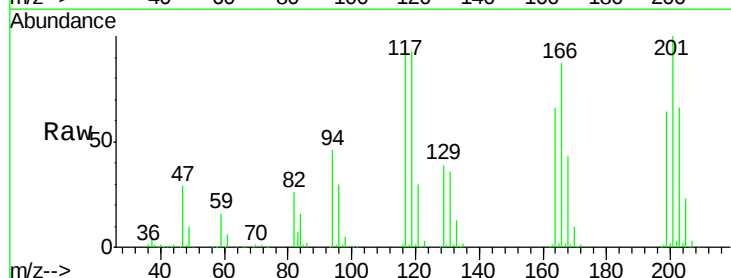
Manual Integrations
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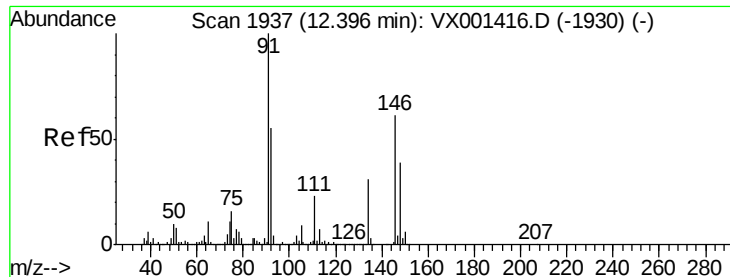
apatel
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#90
Hexachloroethane
Concen: 20.209 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	102.8	51.5	154.5	





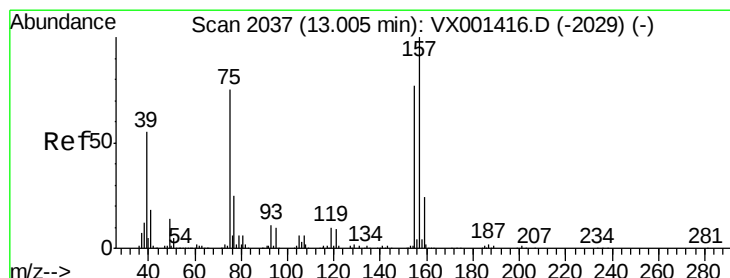
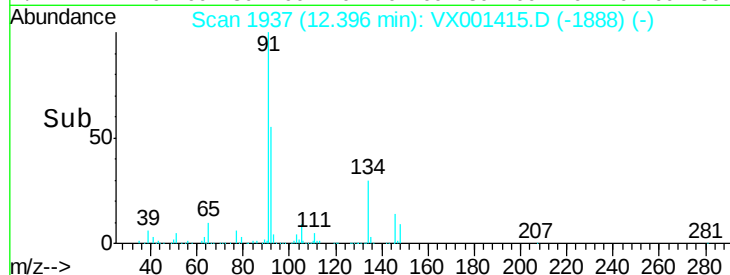
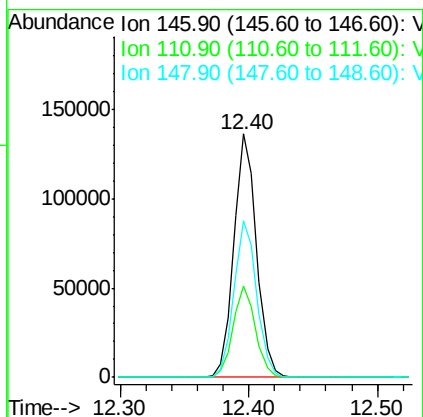
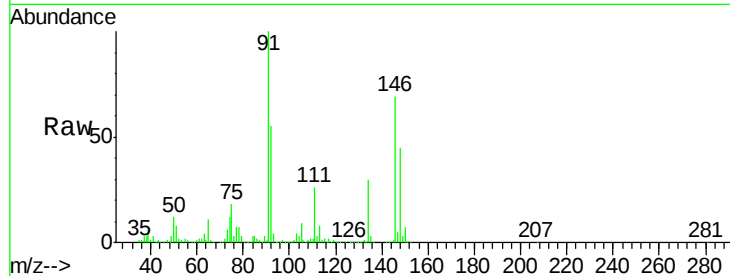
#91
 1,2-Dichlorobenzene
 Concen: 20.185 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	167250		
111	37.0	18.6	55.8	
148	64.4	32.1	96.5	

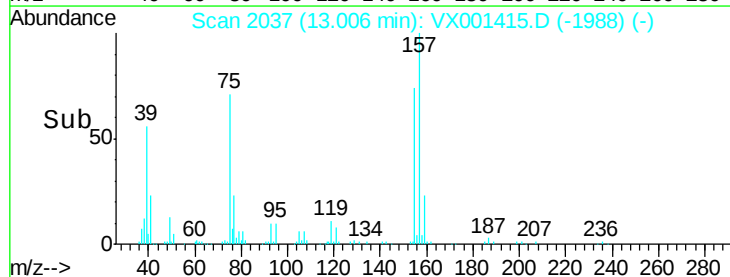
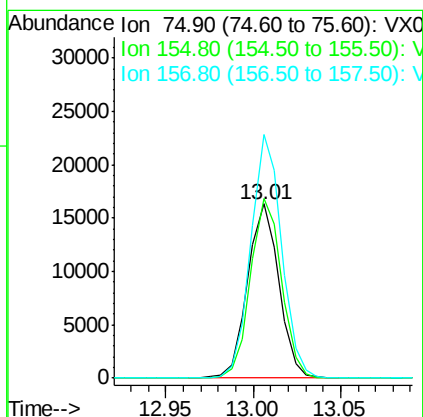
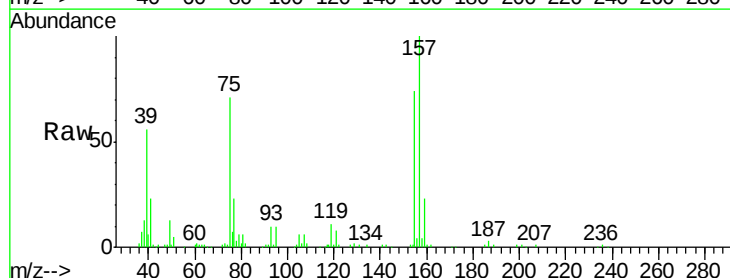
Manual Integrations
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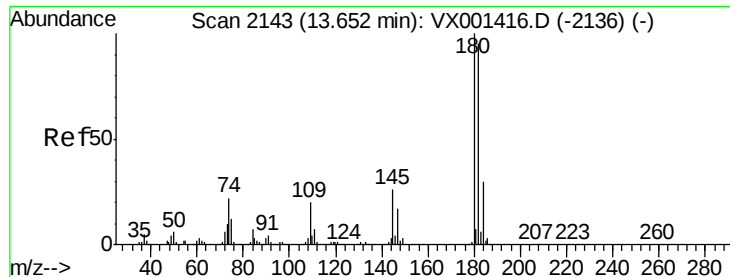
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.526 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20297		
155	102.3	53.4	160.2	
157	137.2	68.3	204.8	





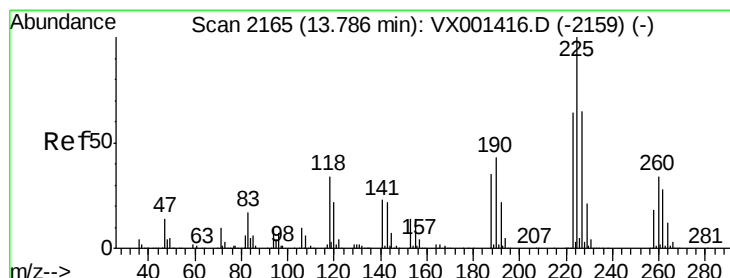
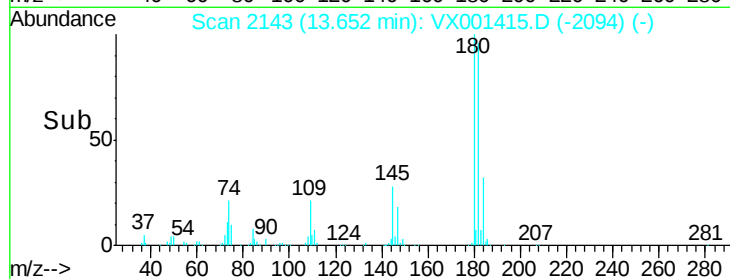
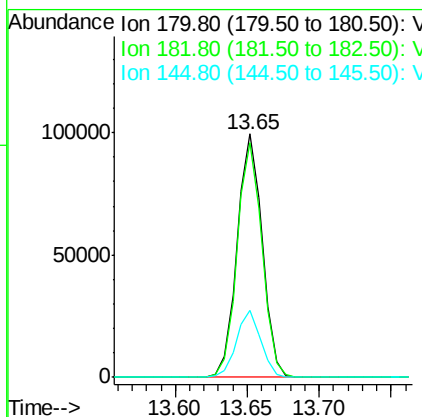
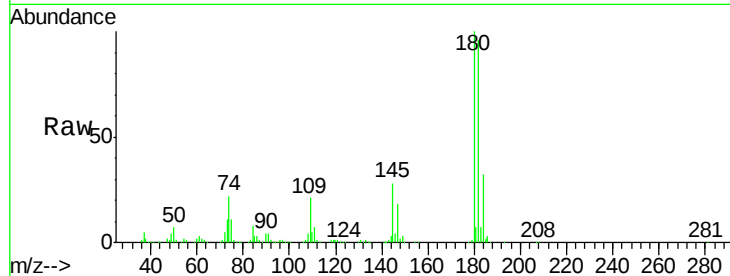
#93
 1,2,4-Trichlorobenzene
 Concen: 18.156 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion:	180	Resp:	120287
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.8	143.4
145	27.2	13.3	39.9

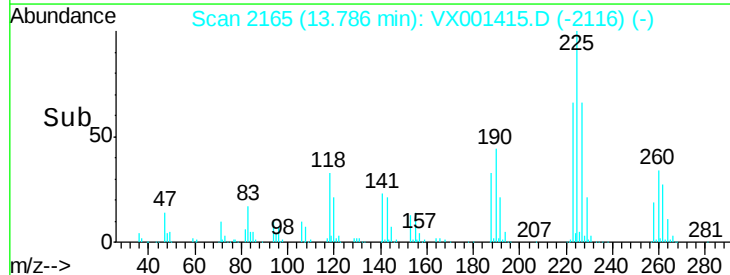
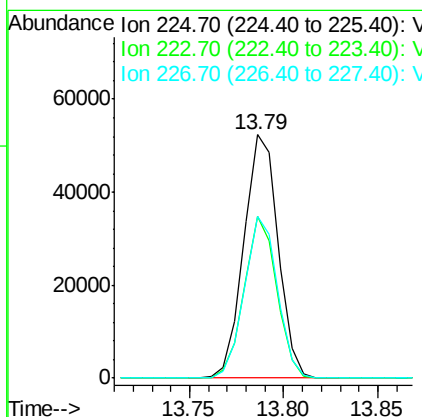
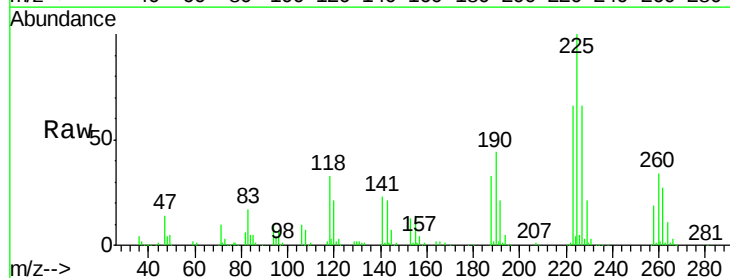
Manual Integrations
 APPROVED

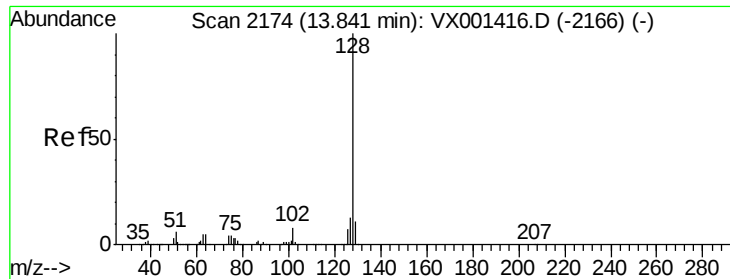
apatel
 5/8/2018 7:53:31 AM



#94
 Hexachlorobutadiene
 Concen: 18.961 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion:	225	Resp:	65926
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.3	93.9
227	64.4	32.4	97.2





#95

Naphthalene

Concen: 20.169 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

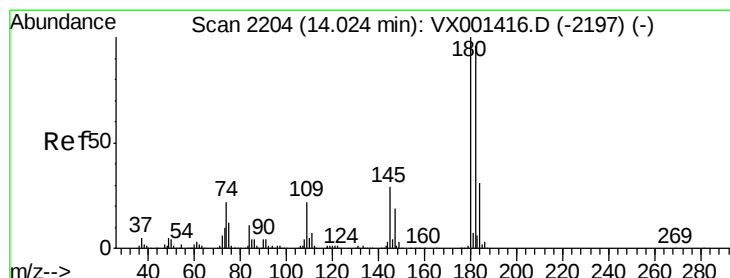
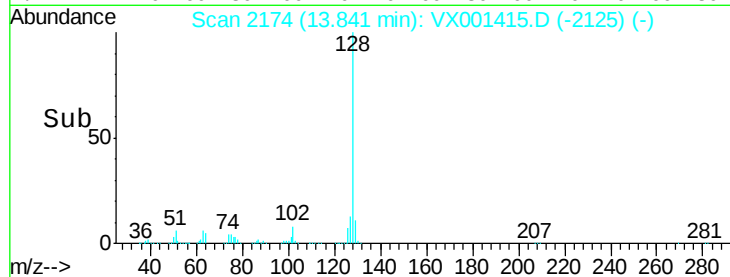
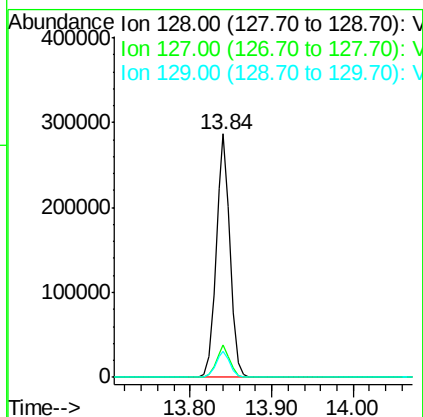
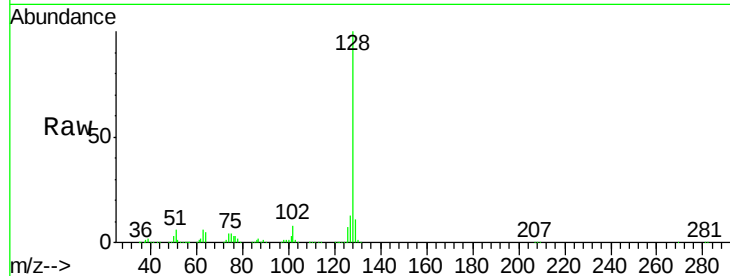
ClientSampleId :

VSTDIC020

Tot Ion:	128	Resp:	341962
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:31 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.289 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Tgt Ion:	180	Resp:	125975
Ion Ratio	Lower	Upper	
180	100		
182	94.4	48.0	144.2
145	28.3	14.1	42.4

