

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008181.D
 Acq On : 19 Mar 2019 10:44
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:26:46 AM

Quant Time: Mar 19 11:44:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 11:34:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	420449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192365	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	77343	17.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	35.26%	
35) Dibromofluoromethane	5.50	113	57016	17.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	34.98%	
50) Toluene-d8	8.71	98	217900	17.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	34.80%	
62) 4-Bromofluorobenzene	11.13	95	75675	17.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	34.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	69802	18.609	ug/l	97
3) Chloromethane	1.33	50	82222	19.355	ug/l	98
4) Vinyl Chloride	1.41	62	84423	18.978	ug/l	100
5) Bromomethane	1.64	94	53880	14.094	ug/l	98
6) Chloroethane	1.73	64	51191	19.211	ug/l	97
7) Trichlorofluoromethane	1.93	101	104002	18.947	ug/l	97
8) Diethyl Ether	2.19	74	58708	18.826	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	73893	18.787	ug/l	89
10) Methyl Iodide	2.51	142	92127	17.685	ug/l	97
11) Tert butyl alcohol	3.04	59	91470	92.605	ug/l	97
12) 1,1-Dichloroethene	2.38	96	68704	18.427	ug/l	90
13) Acrolein	2.29	56	67419	100.646	ug/l	98
14) Allyl chloride	2.73	41	151074	18.190	ug/l	92
15) Acrylonitrile	3.14	53	247473	93.881	ug/l	99
16) Acetone	2.45	43	256043	99.556	ug/l	96
17) Carbon Disulfide	2.57	76	212770	18.290	ug/l	99
18) Methyl Acetate	2.78	43	117743	18.740	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	249997	18.279	ug/l	97
20) Methylene Chloride	2.86	84	79786	18.729	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	73847	18.686	ug/l	93
22) Diisopropyl ether	3.86	45	299015	18.339	ug/l	90
23) Vinyl Acetate	3.82	43	1300923	90.483	ug/l	97
24) 1,1-Dichloroethane	3.70	63	152264	18.553	ug/l	99
25) 2-Butanone	4.67	43	372658	94.384	ug/l	97
26) 2,2-Dichloropropane	4.59	77	110641	17.710	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	83780	18.459	ug/l	91
28) Bromochloromethane	5.02	49	68032	19.725	ug/l	82
29) Tetrahydrofuran	5.13	42	234595	92.216	ug/l	97
30) Chloroform	5.21	83	142385	18.472	ug/l	100
31) Cyclohexane	5.59	56	145239	18.112	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	117544	18.154	ug/l	96
36) 1,1-Dichloropropene	5.80	75	107835	18.237	ug/l	97
37) Ethyl Acetate	4.84	43	137146	18.623	ug/l	97
38) Carbon Tetrachloride	5.79	117	98154	18.163	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	131647	18.004	ug/l	91
40) Benzene	6.15	78	328114	18.516	ug/l	98
41) Methacrylonitrile	5.04	41	73943	17.928	ug/l	95
42) 1,2-Dichloroethane	6.20	62	122075	19.044	ug/l	95
43) Isopropyl Acetate	6.45	43	211424	17.922	ug/l	97
44) Trichloroethene	7.21	130	78373	18.582	ug/l	86
45) 1,2-Dichloropropane	7.51	63	91887	18.855	ug/l	98
46) Dibromomethane	7.66	93	54705	18.599	ug/l #	86
47) Bromodichloromethane	7.90	83	105546	18.126	ug/l	98
48) Methyl methacrylate	7.77	41	112319	18.102	ug/l	93
49) 1,4-Dioxane	7.74	88	39094	383.959	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	714887	95.053	ug/l	97
52) Toluene	8.78	92	196603	18.852	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	117163	17.433	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	129950	17.699	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	79908	18.595	ug/l	97
56) Ethyl methacrylate	9.18	69	128991	17.916	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	142003	18.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	288944	86.246	ug/l	93
59) 2-Hexanone	9.49	43	554147	96.654	ug/l	95
60) Dibromochloromethane	9.58	129	75439	17.699	ug/l	99
61) 1,2-Dibromoethane	9.67	107	83453	18.689	ug/l	99
64) Tetrachloroethene	9.34	164	74835	18.512	ug/l	96
65) Chlorobenzene	10.14	112	203636	18.351	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	71227	17.906	ug/l	97
67) Ethyl Benzene	10.25	91	365542	18.093	ug/l	97
68) m/p-Xylenes	10.36	106	266239	35.922	ug/l	92
69) o-Xylene	10.70	106	128825	17.838	ug/l	92
70) Styrene	10.71	104	213291	18.045	ug/l	95
71) Bromoform	10.85	173	53365	17.205	ug/l	99
73) Isopropylbenzene	11.02	105	349446	18.483	ug/l	99
74) N-amyl acetate	10.90	43	184611	18.359	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	126970	19.541	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	111958m	19.602	ug/l	
77) Bromobenzene	11.26	156	81721	18.422	ug/l	83
78) n-propylbenzene	11.36	91	404600	18.047	ug/l	96
79) 2-Chlorotoluene	11.42	91	241869	18.570	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	288420	18.313	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	37861	17.467	ug/l	87
82) 4-Chlorotoluene	11.51	91	278689	18.304	ug/l	94
83) tert-Butylbenzene	11.77	119	266939	18.044	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	295324	18.422	ug/l	97
85) sec-Butylbenzene	11.94	105	341030	18.237	ug/l	95
86) p-Isopropyltoluene	12.06	119	293842	18.126	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	146663	18.486	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	148179	18.656	ug/l	97
89) n-Butylbenzene	12.38	91	267475	17.352	ug/l	96
90) Hexachloroethane	12.60	117	49062	17.604	ug/l	81
91) 1,2-Dichlorobenzene	12.39	146	147564	18.664	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26457	17.947	ug/l	78

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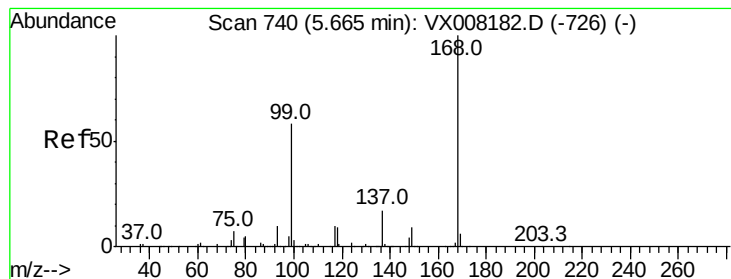
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93491	17.585	ug/l	99
94) Hexachlorobutadiene	13.78	225	47736	18.382	ug/l	99
95) Naphthalene	13.83	128	306270	17.479	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94126	17.864	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 286531

Ion Ratio Lower Upper

168 100

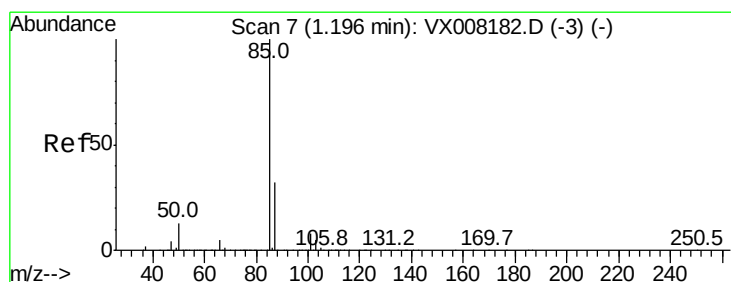
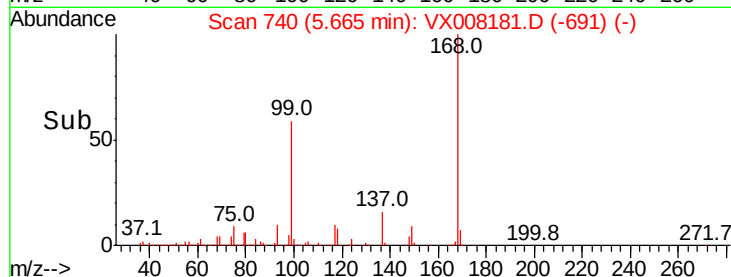
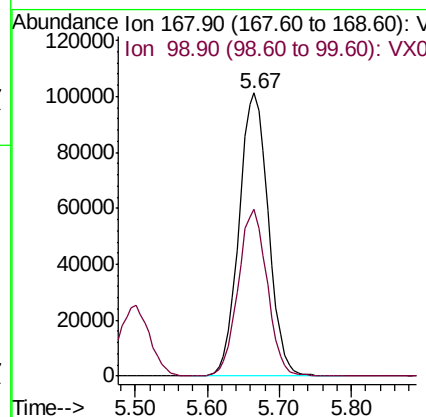
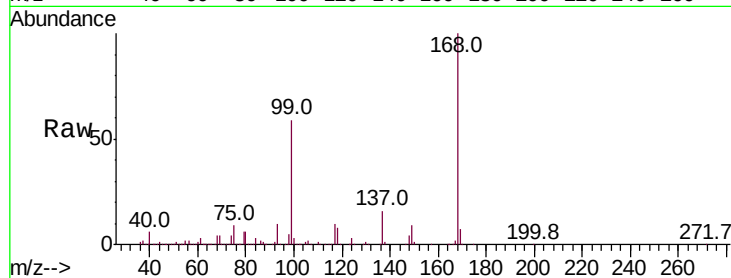
99 58.6 37.6 56.4#

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3/20/2019 10:26:46 AM



#2

Dichlorodifluoromethane

Concen: 18.609 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008181.D

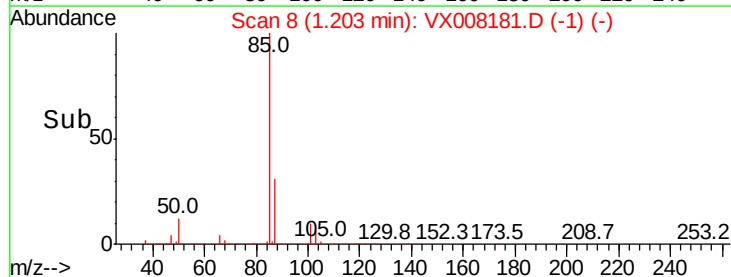
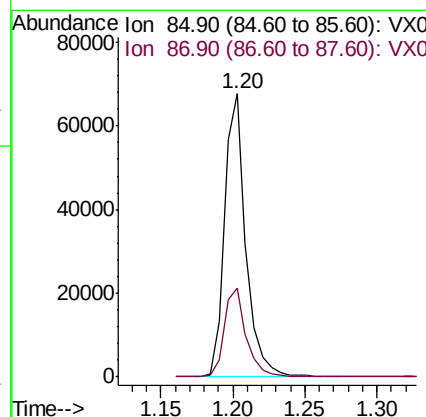
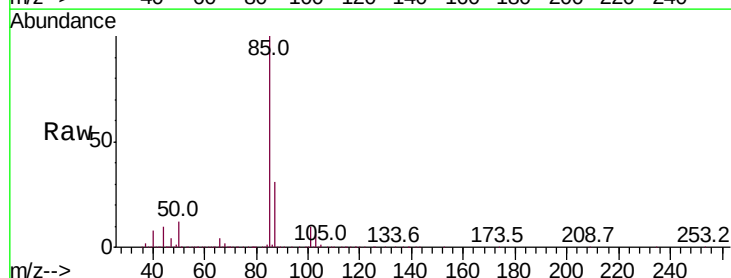
Acq: 19 Mar 2019 10:44

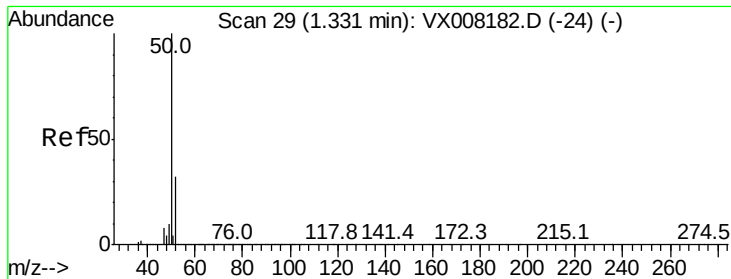
Tgt Ion: 85 Resp: 69802

Ion Ratio Lower Upper

85 100

87 31.2 16.4 49.1





#3

Chloromethane

Concen: 19.355 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 82222

Ion Ratio Lower Upper

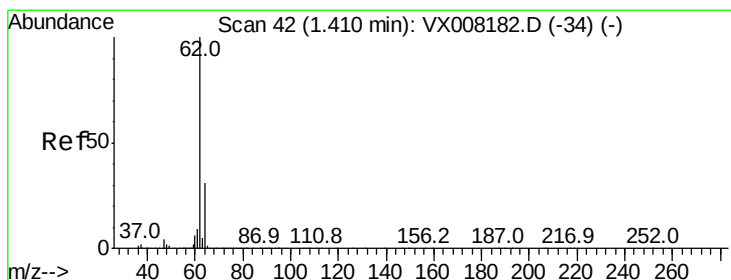
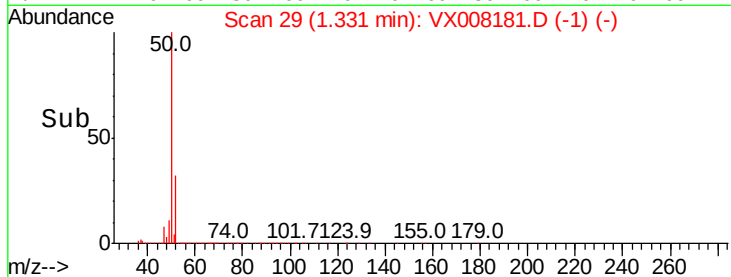
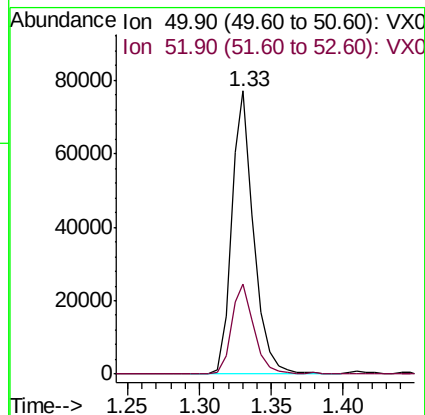
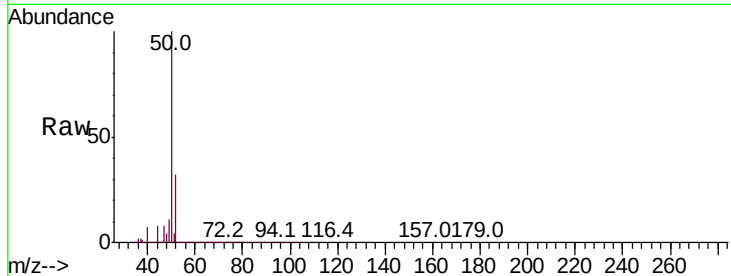
50 100

52 31.7 26.5 39.7

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3/20/2019 10:26:46 AM



#4

Vinyl Chloride

Concen: 18.978 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008181.D

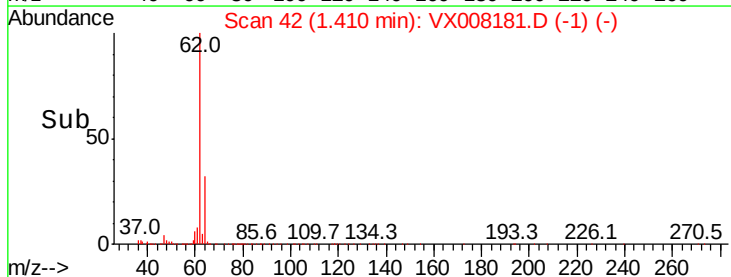
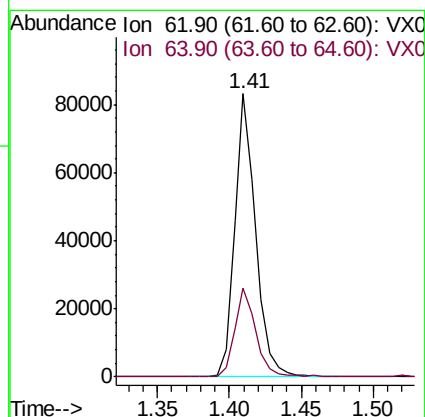
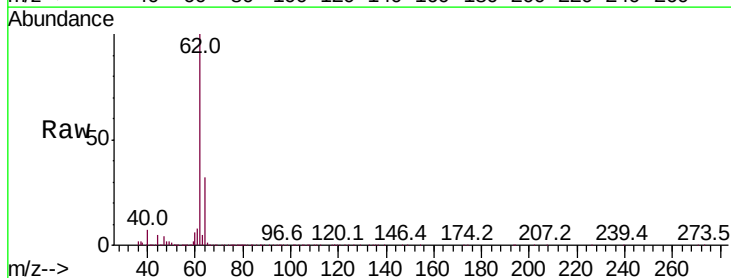
Acq: 19 Mar 2019 10:44

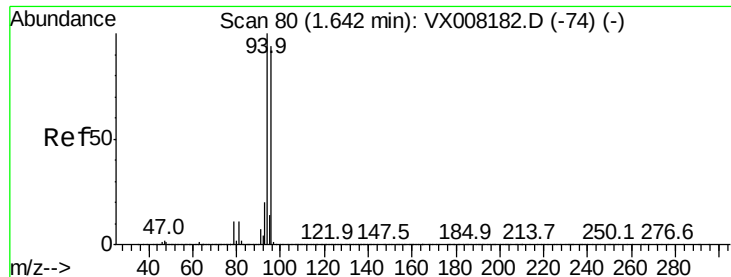
Tgt Ion: 62 Resp: 84423

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 14.094 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 53880

Ion Ratio Lower Upper

94 100

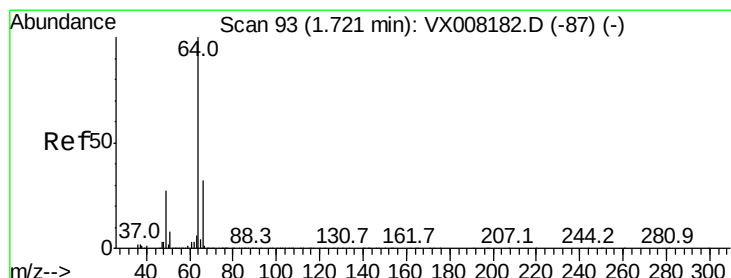
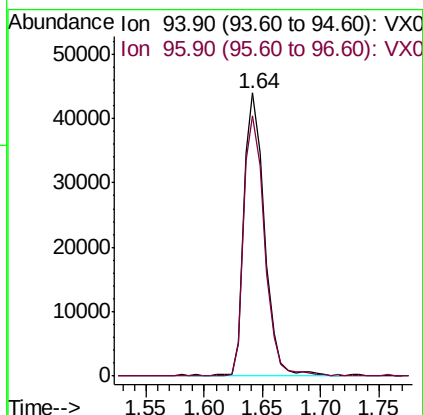
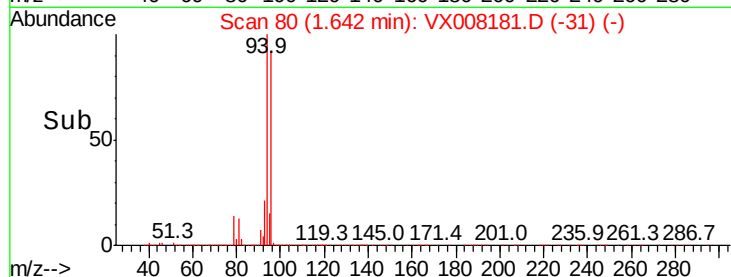
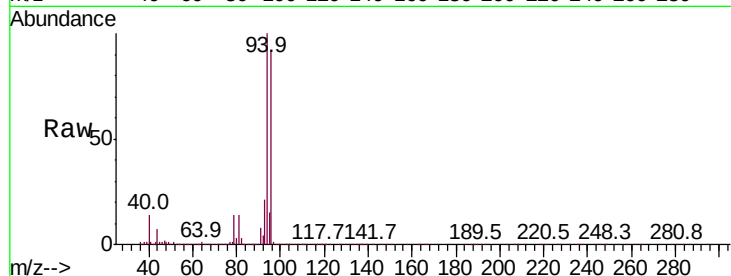
96 92.1 75.5 113.3

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3/20/2019 10:26:46 AM



#6

Chloroethane

Concen: 19.211 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008181.D

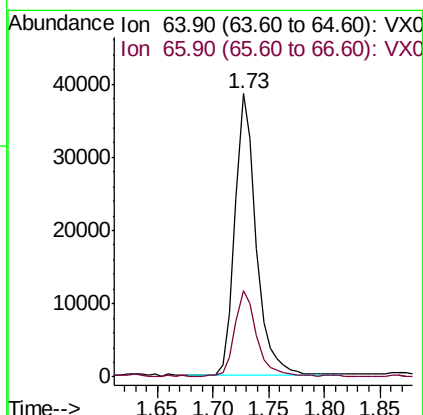
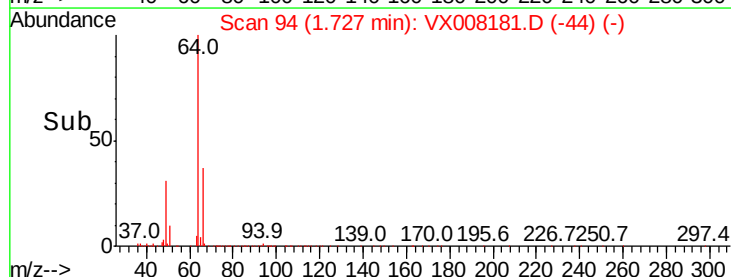
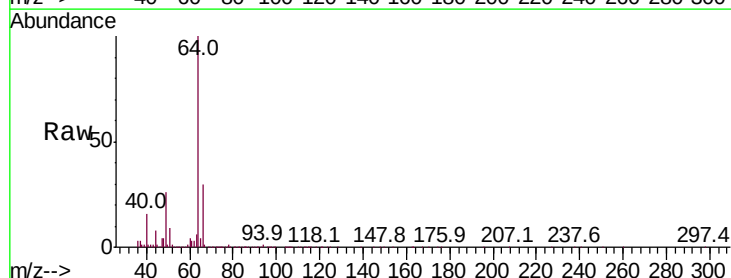
Acq: 19 Mar 2019 10:44

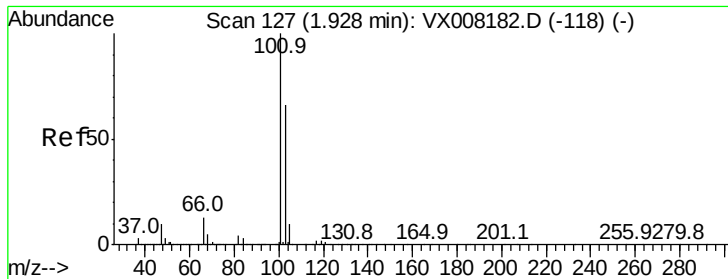
Tgt Ion: 64 Resp: 51191

Ion Ratio Lower Upper

64 100

66 29.9 25.2 37.8





#7

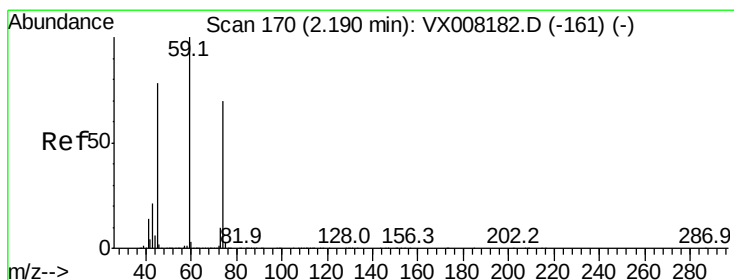
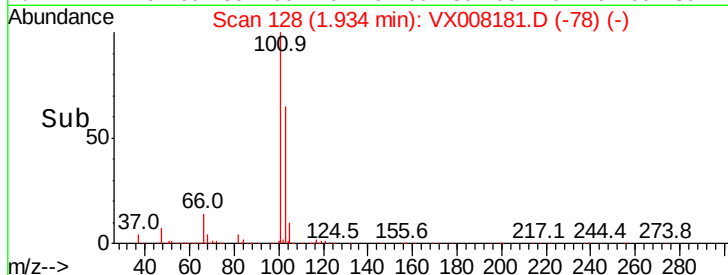
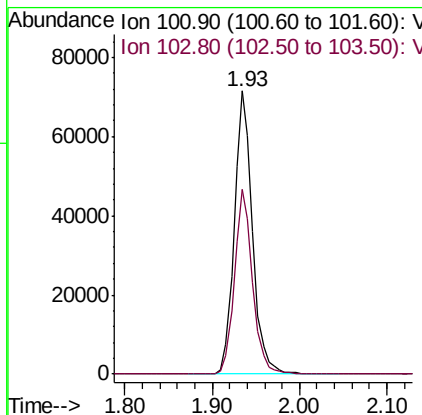
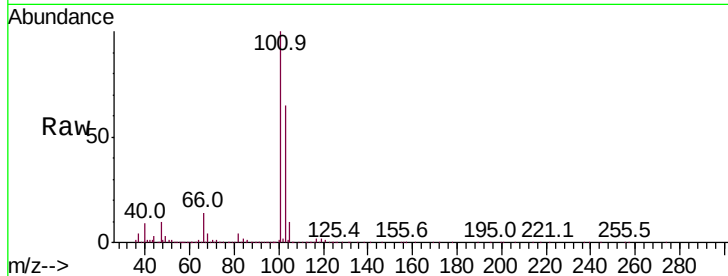
Trichlorofluoromethane
Concen: 18.947 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

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MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.4	75.6

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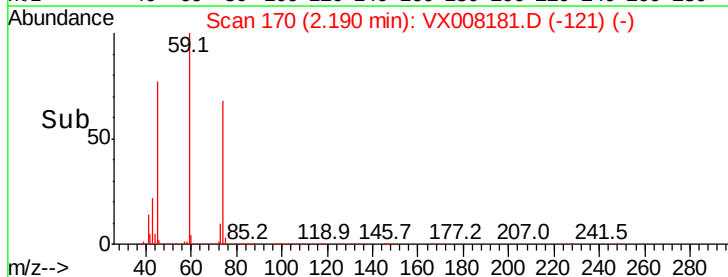
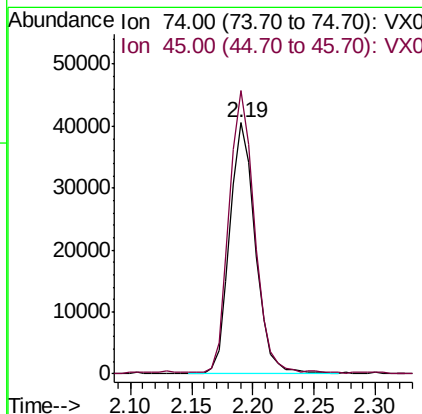
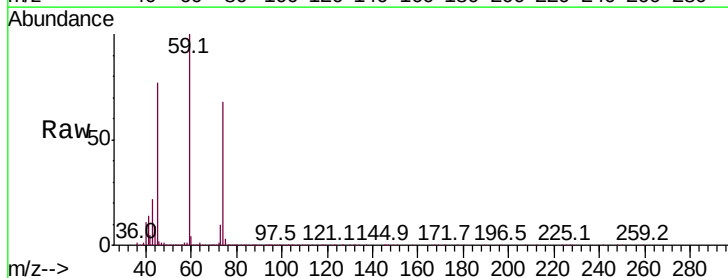
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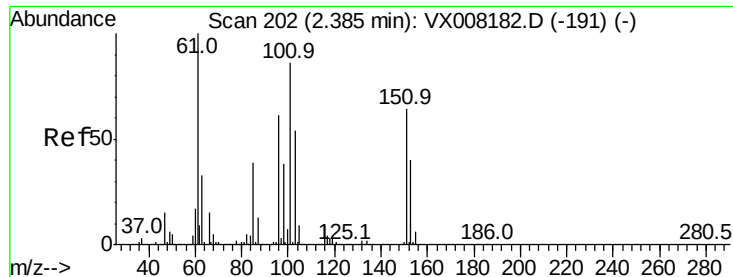


#8

Diethyl Ether
Concen: 18.826 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.3	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.787 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

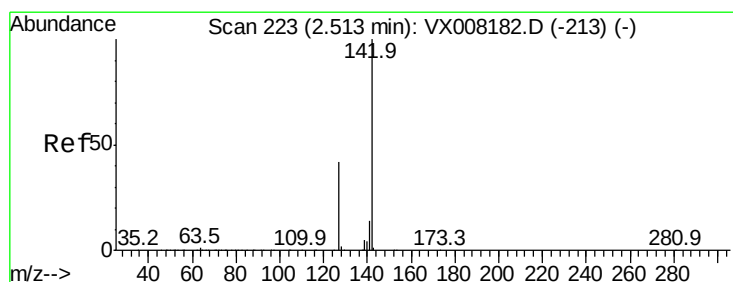
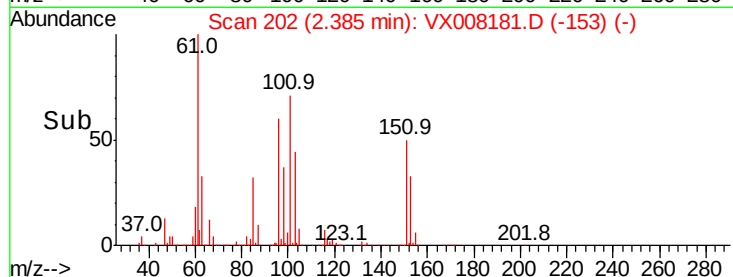
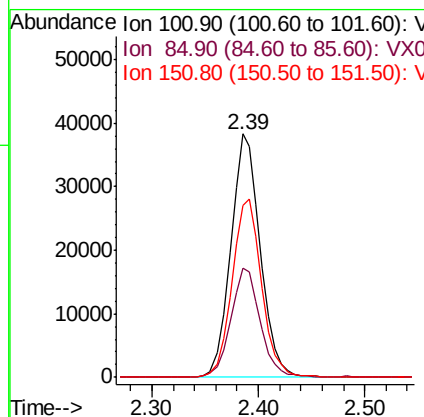
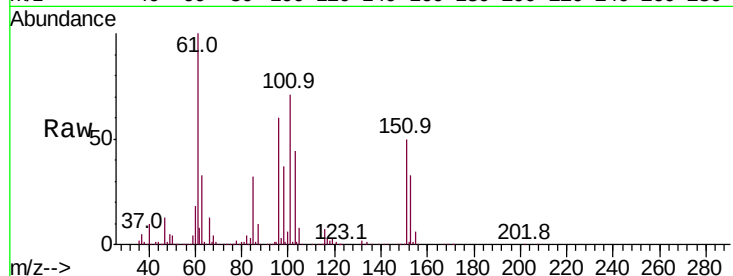
ClientSampled :

VSTDIC020

Tot Ion:	101	Resp:	73893
Ion Ratio	Lower	Upper	
101	100		
85	45.1	33.8	50.6
151	73.6	69.1	103.7

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3/20/2019 10:26:46 AM



#10

Methyl Iodide

Concen: 17.685 ug/l

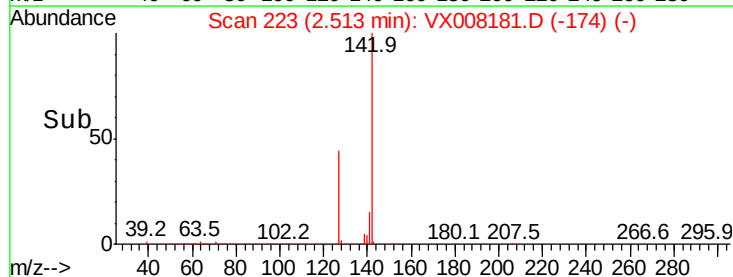
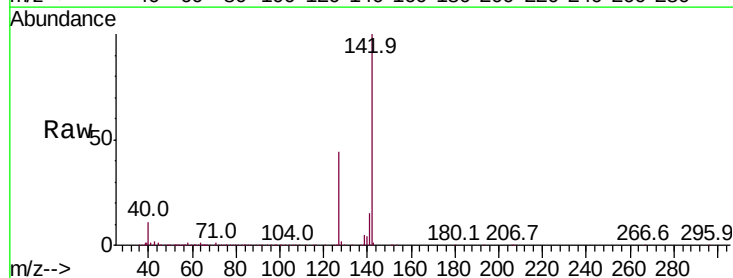
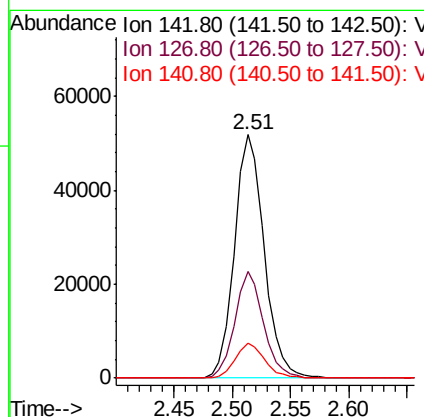
RT: 2.51 min Scan# 223

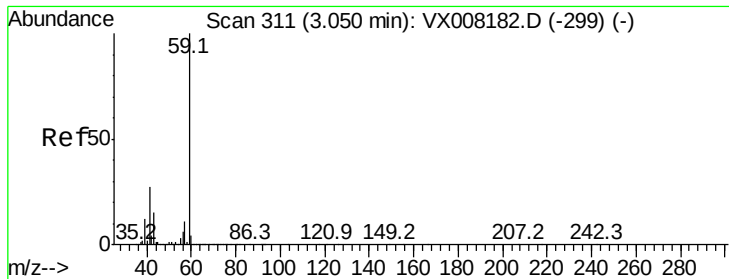
Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion:	142	Resp:	92127
Ion Ratio	Lower	Upper	
142	100		
127	42.7	32.1	48.1
141	14.4	11.4	17.2





#11

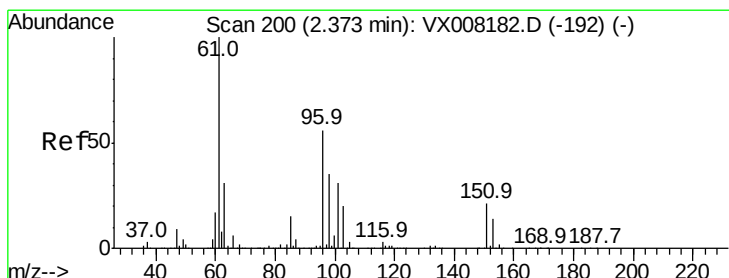
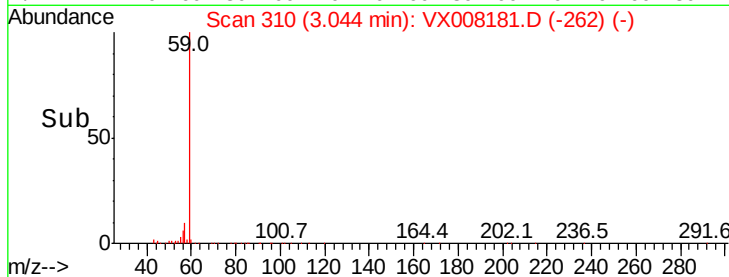
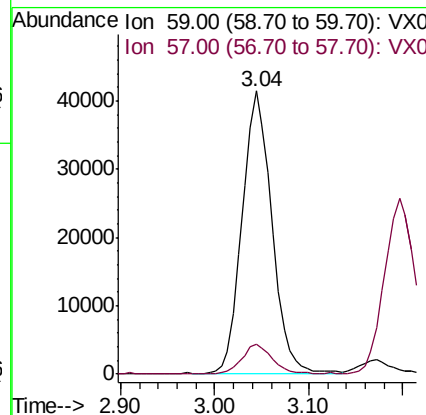
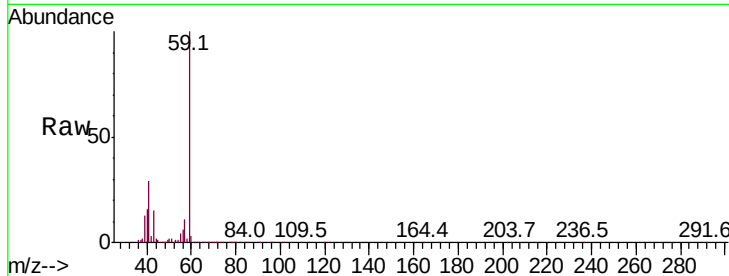
Tert butyl alcohol
 Concen: 92.605 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.2	12.2

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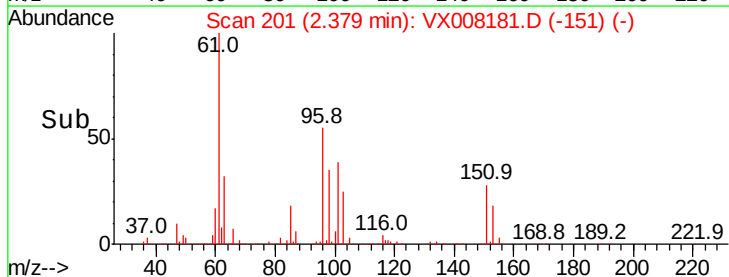
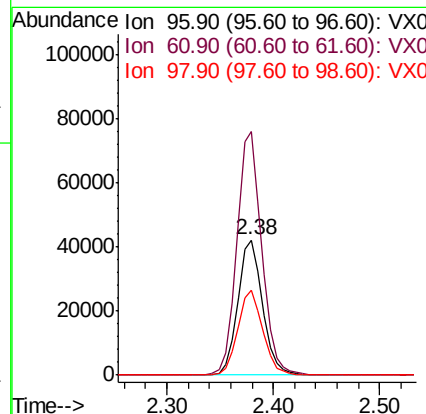
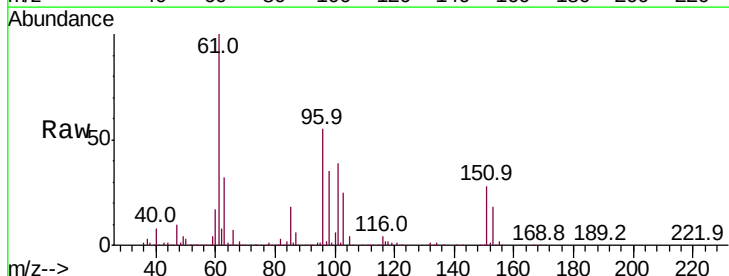
MMDadoda
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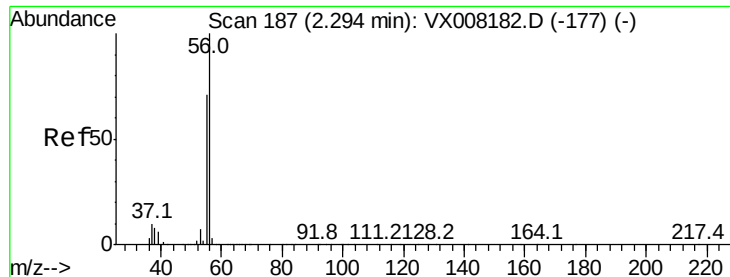


#12

1,1-Dichloroethene
 Concen: 18.427 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.1	129.8	194.6
98	63.0	51.0	76.6





#13

Acrolein

Concen: 100.646 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 67419

Ion Ratio Lower Upper

56 100

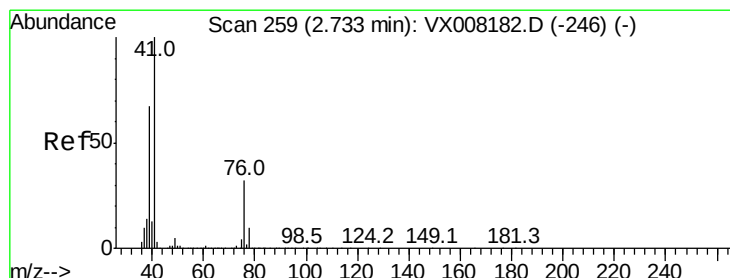
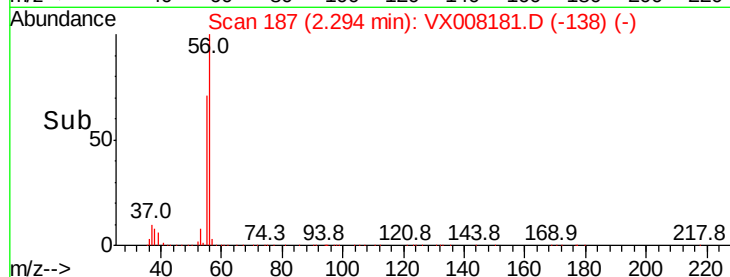
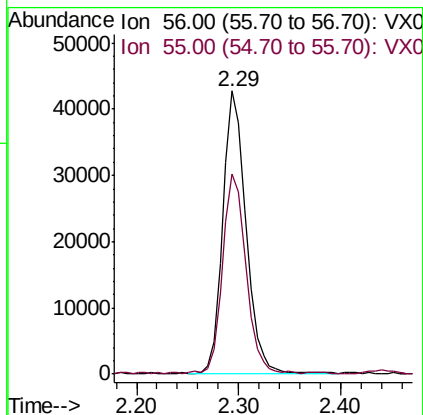
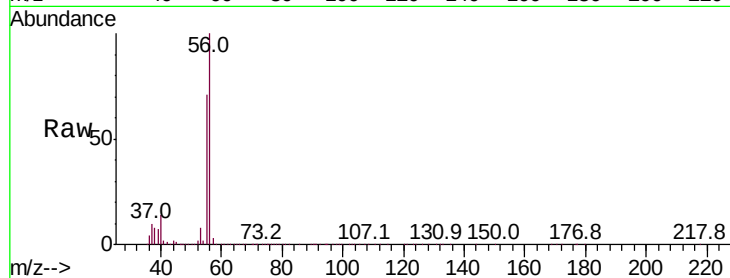
55 70.9 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 18.190 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

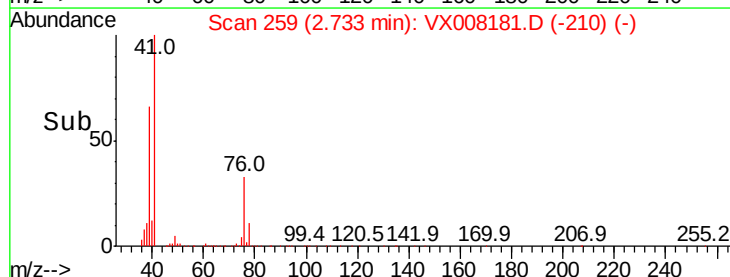
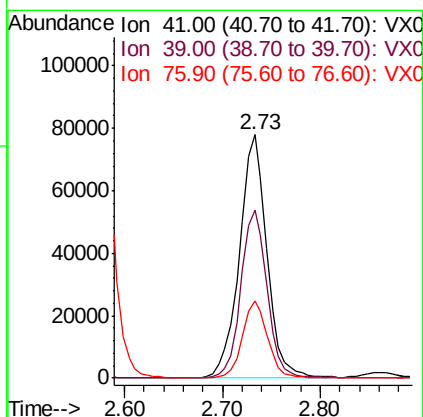
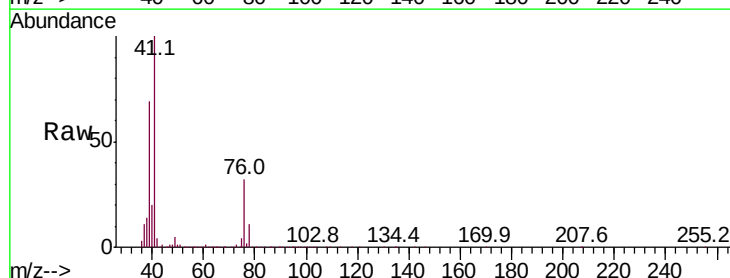
Tgt Ion: 41 Resp: 151074

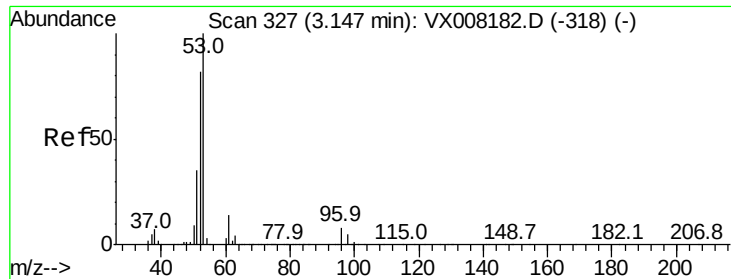
Ion Ratio Lower Upper

41 100

39 66.3 46.1 69.1

76 28.8 24.0 36.0





#15

Acrylonitrile

Concen: 93.881 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

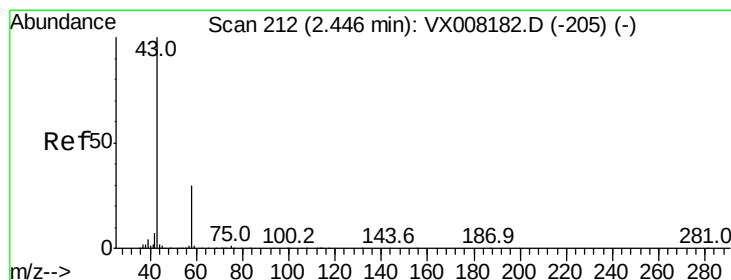
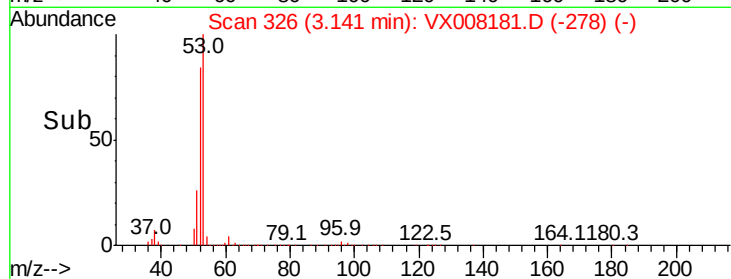
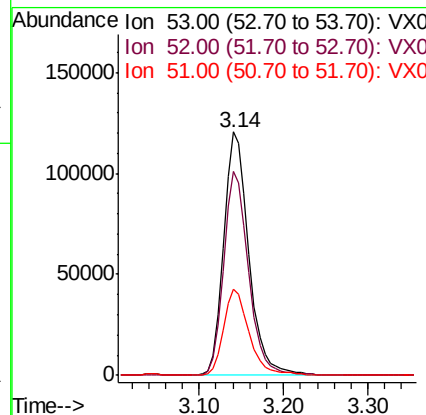
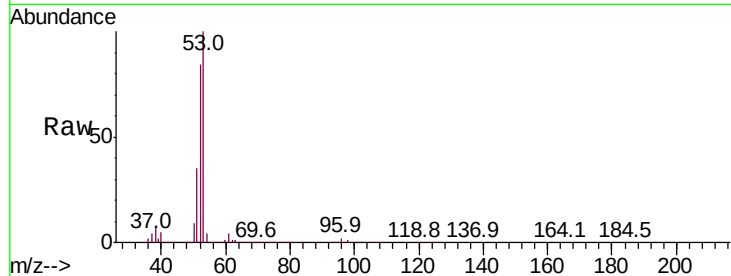
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	247473
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.0	99.0
51	36.0	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 99.556 ug/l

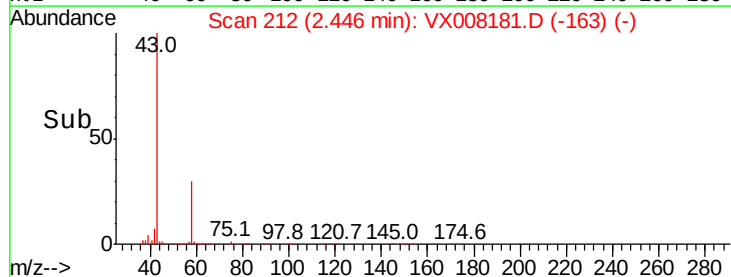
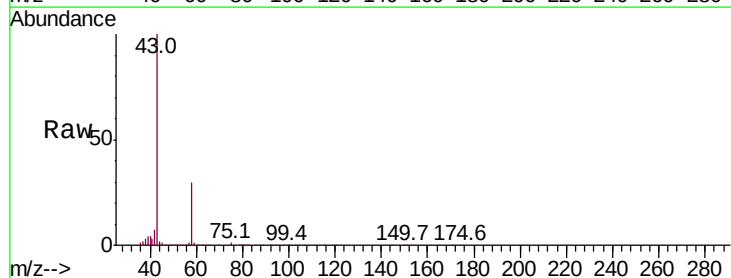
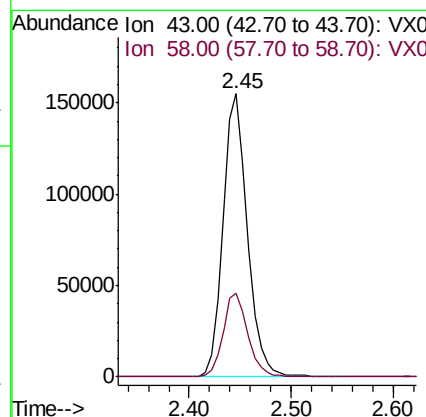
RT: 2.45 min Scan# 212

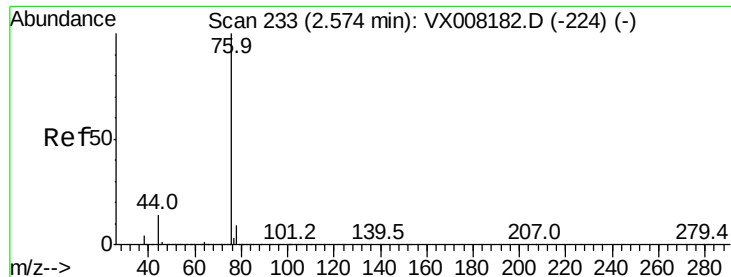
Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion:	43	Resp:	256043
Ion Ratio	Lower	Upper	
43	100		
58	29.7	25.5	38.3





#17

Carbon Disulfide

Concen: 18.290 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 212770

Ion Ratio Lower Upper

76 100

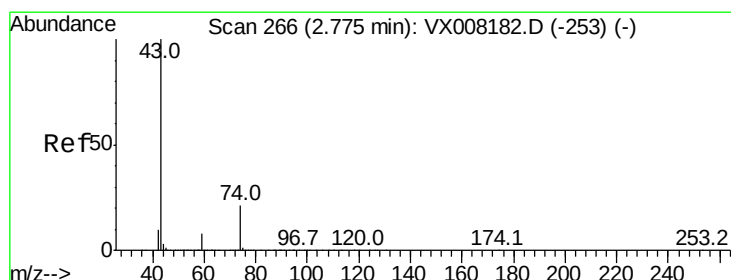
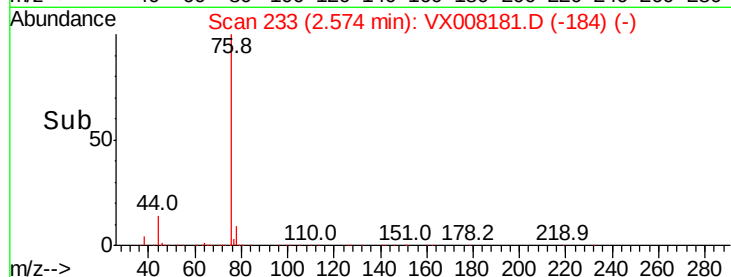
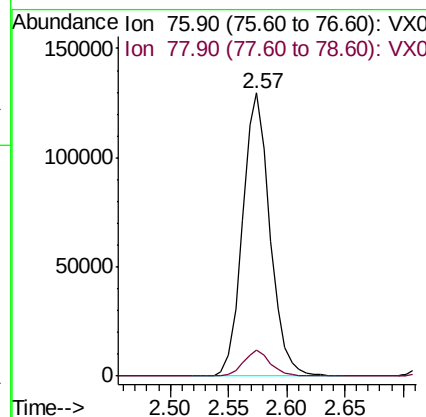
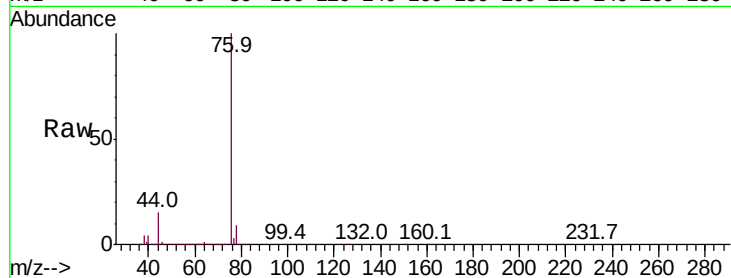
78 9.2 7.2 10.8

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#18

Methyl Acetate

Concen: 18.740 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008181.D

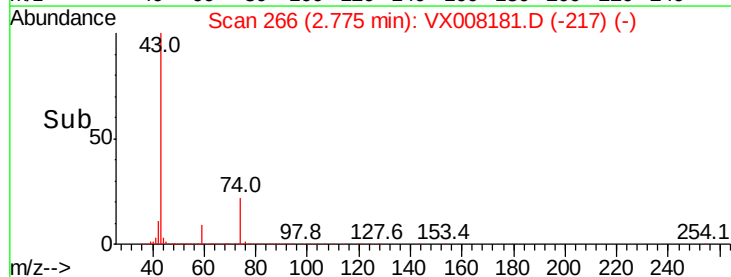
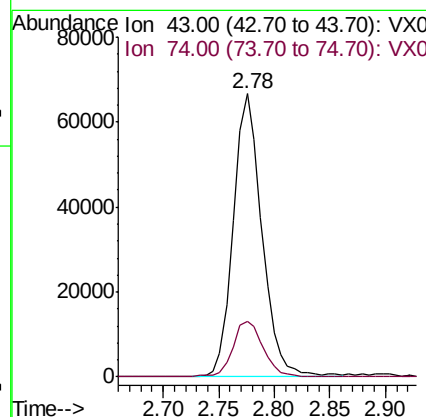
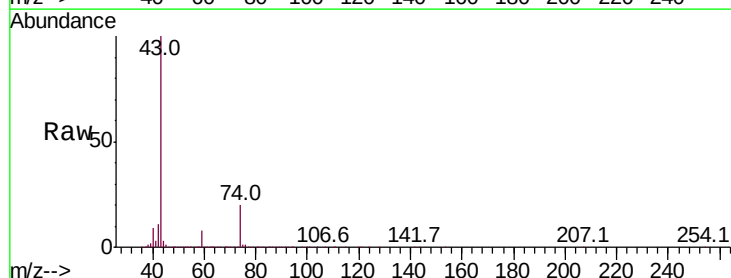
Acq: 19 Mar 2019 10:44

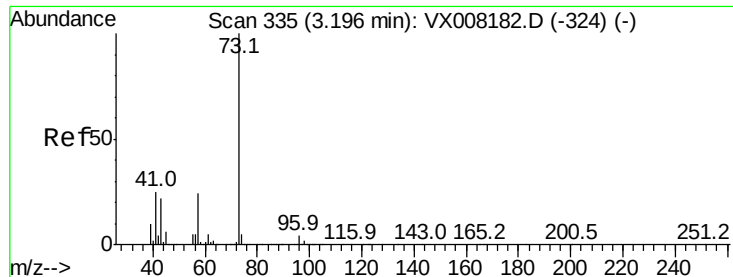
Tgt Ion: 43 Resp: 117743

Ion Ratio Lower Upper

43 100

74 21.4 17.8 26.6





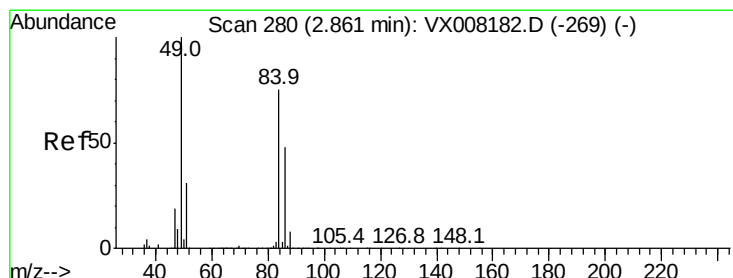
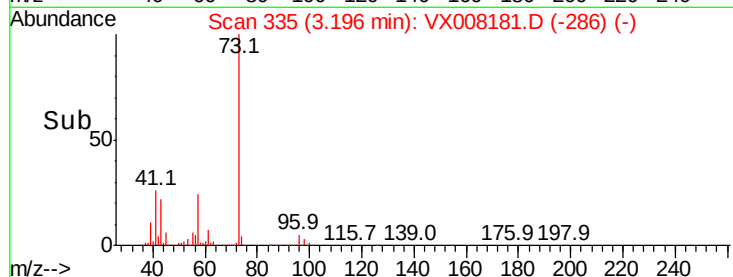
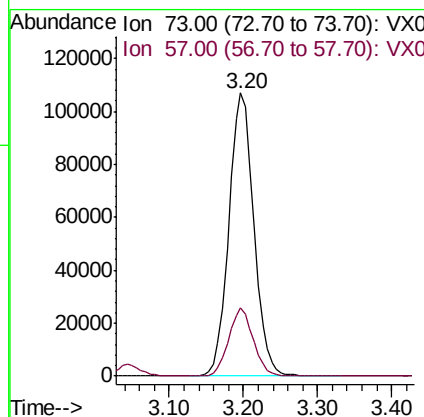
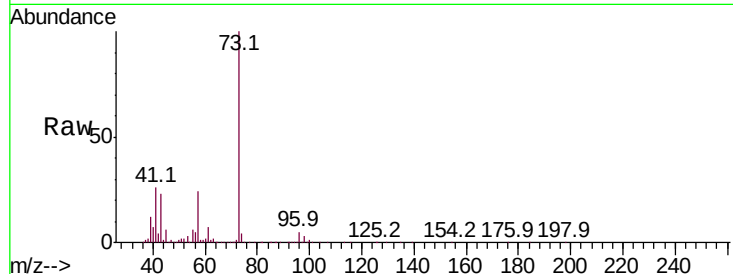
#19
Methyl tert-butyl Ether
Concen: 18.279 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.2	18.2	27.4

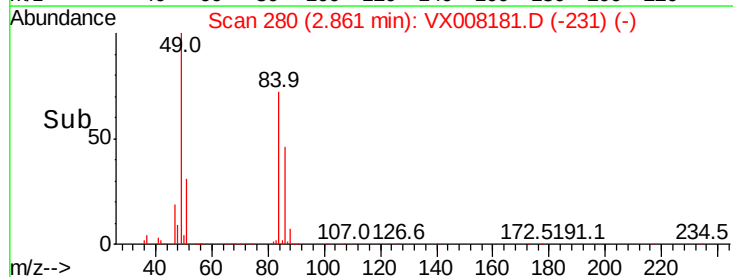
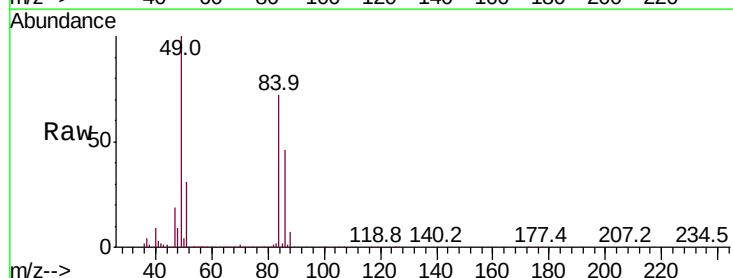
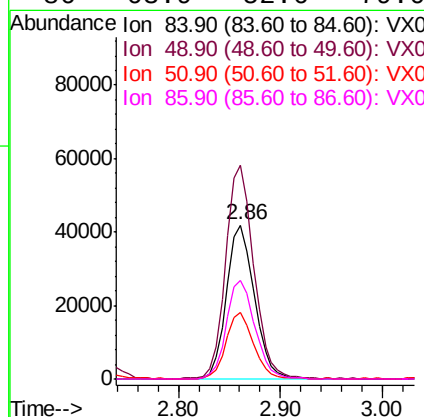
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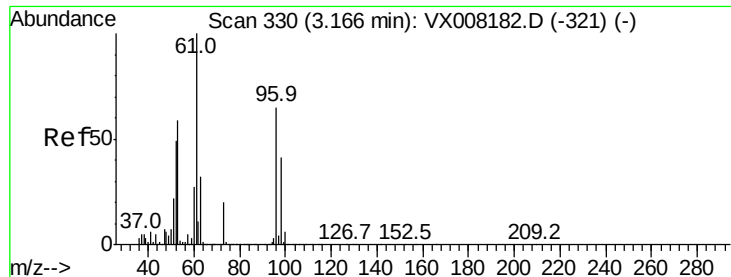
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#20
Methylene Chloride
Concen: 18.729 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.4	99.3	148.9
51	42.6	31.3	46.9
86	63.9	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 18.686 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 96 Resp: 73847

Ion Ratio Lower Upper

96 100

61 154.2 114.4 171.6

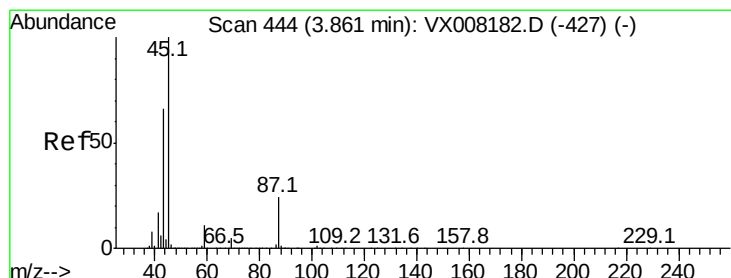
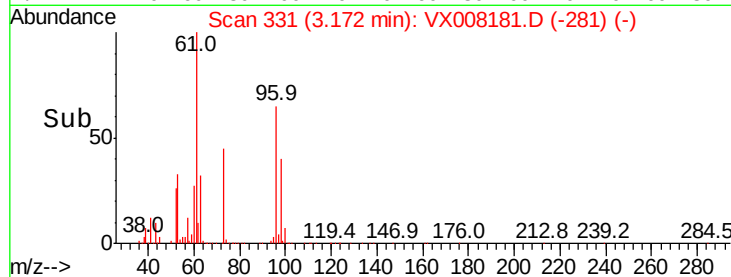
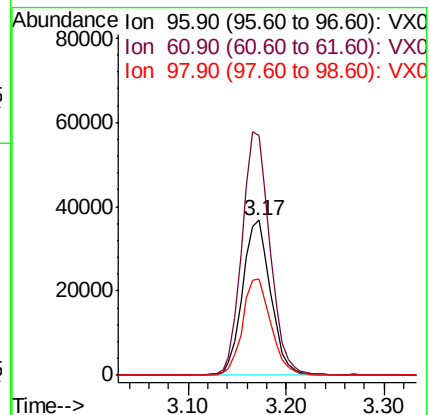
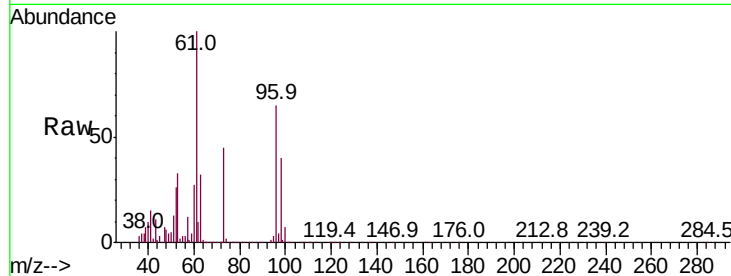
98 61.7 51.1 76.7

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#22

Diisopropyl ether

Concen: 18.339 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion: 45 Resp: 299015

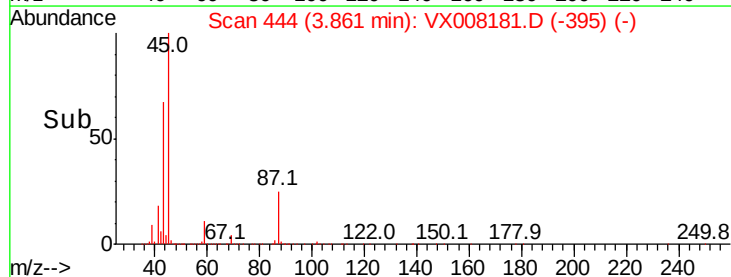
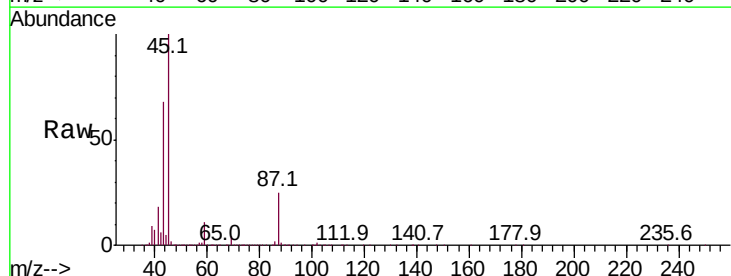
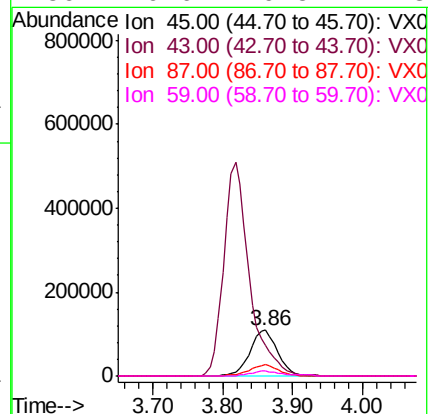
Ion Ratio Lower Upper

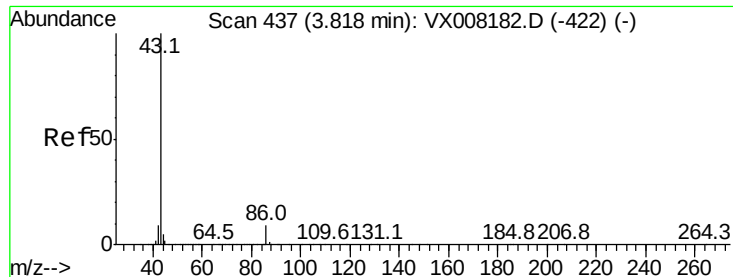
45 100

43 67.6 45.3 67.9

87 24.7 21.4 32.0

59 10.6 9.5 14.3





#23

Vinyl Acetate

Concen: 90.483 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 1300923

Ion Ratio Lower Upper

43 100

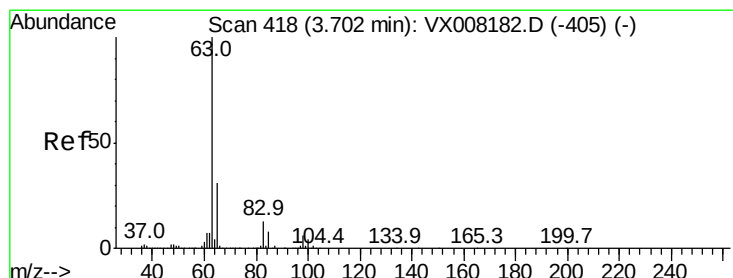
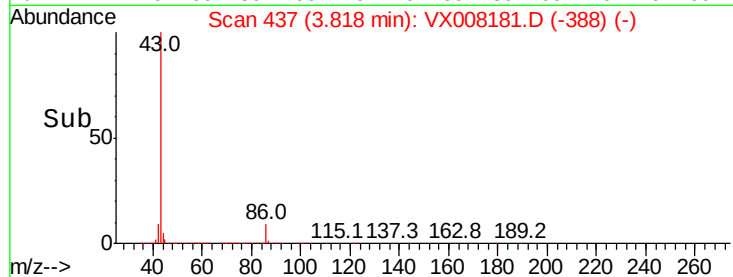
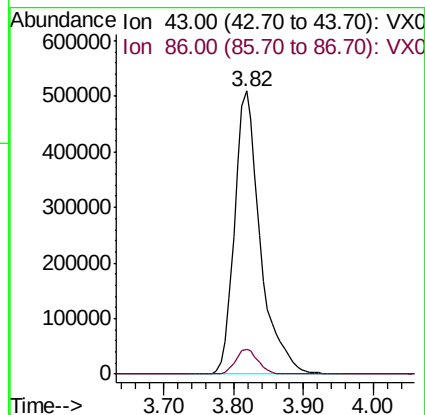
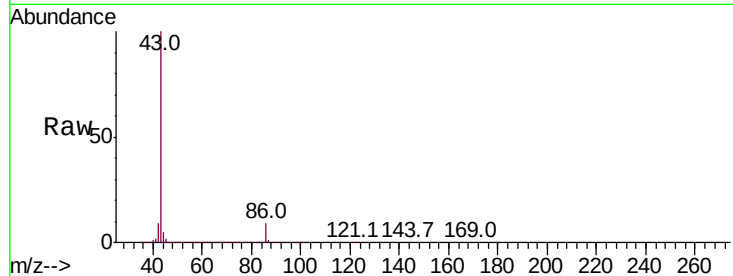
86 8.7 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 18.553 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

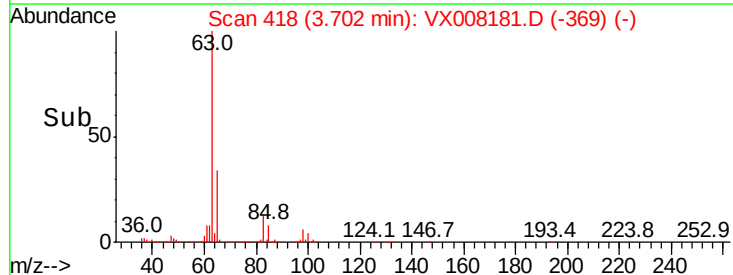
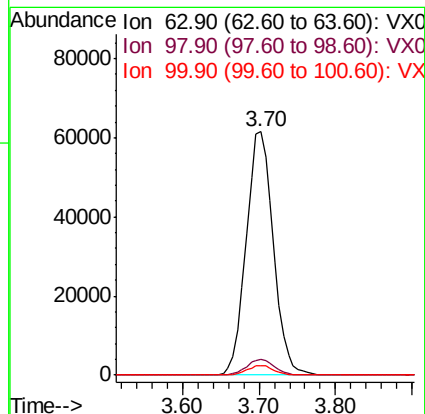
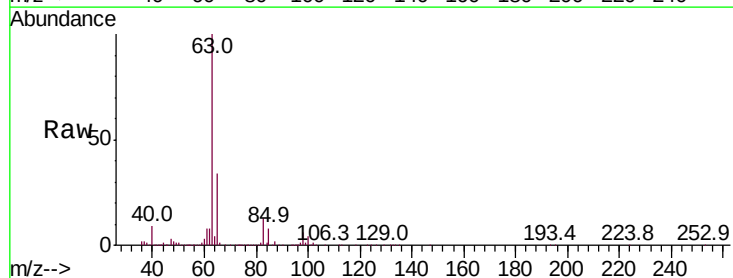
Tgt Ion: 63 Resp: 152264

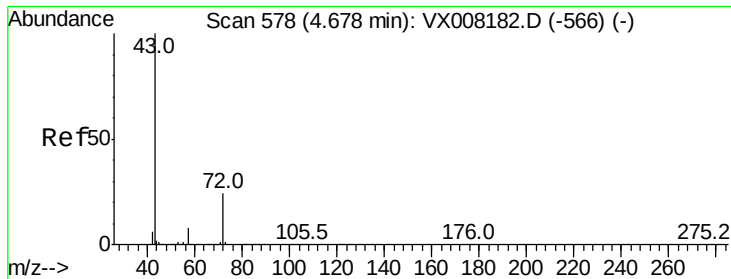
Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 3.9 2.3 6.8





#25

2-Butanone

Concen: 94.384 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 372658

Ion Ratio Lower Upper

43 100

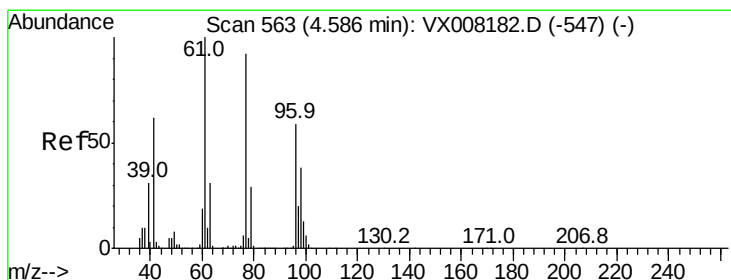
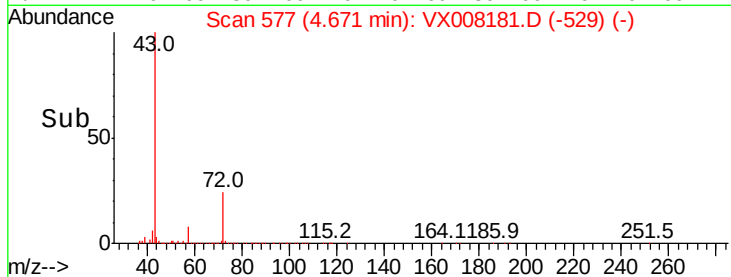
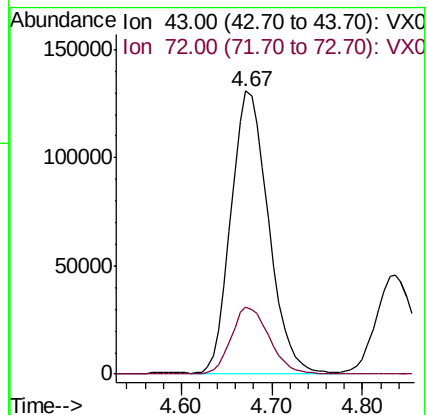
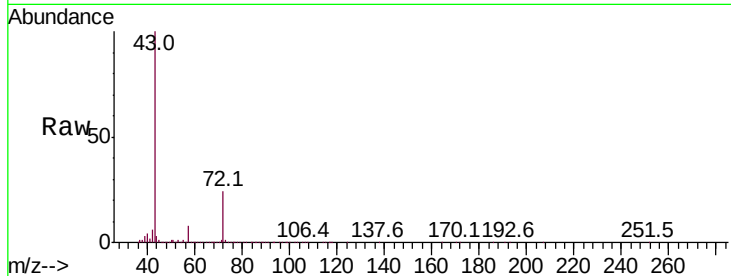
72 23.5 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.710 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008181.D

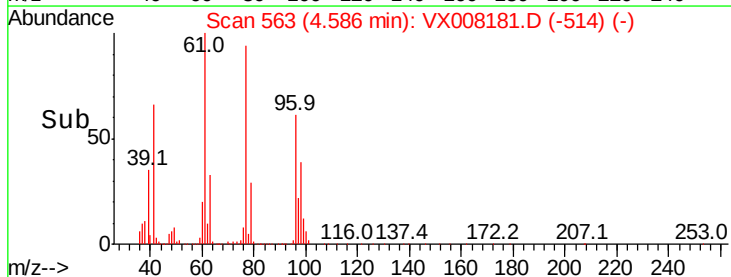
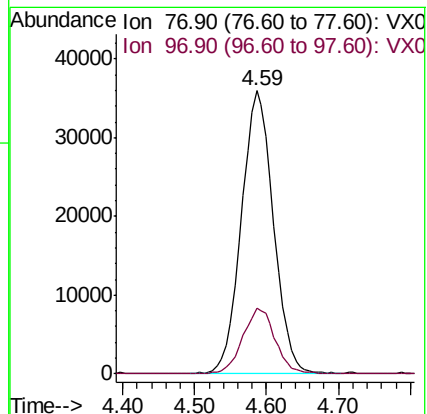
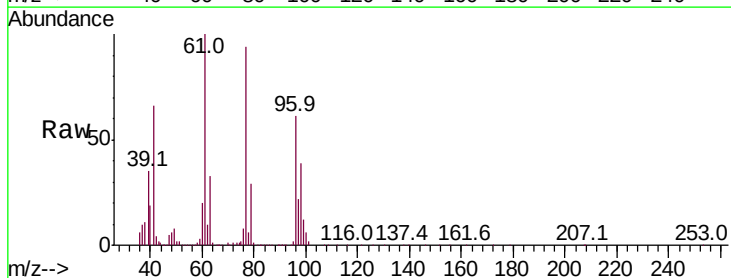
Acq: 19 Mar 2019 10:44

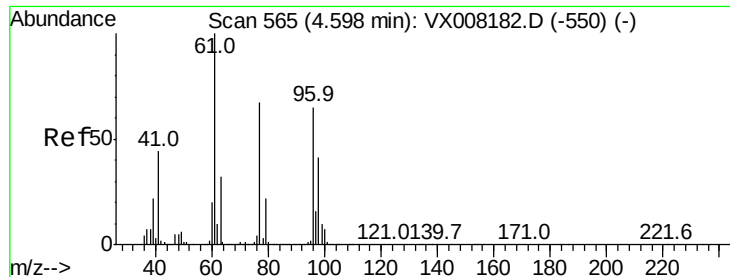
Tgt Ion: 77 Resp: 110641

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6





#27

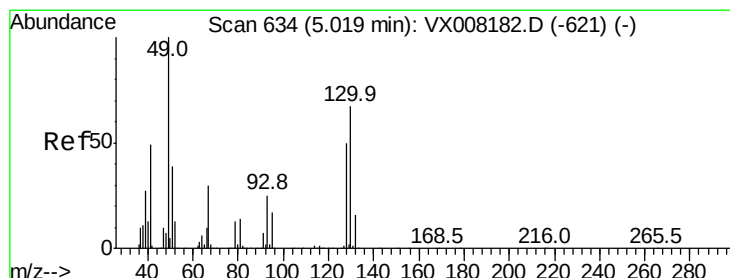
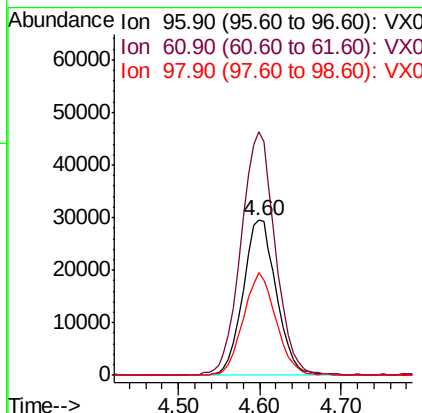
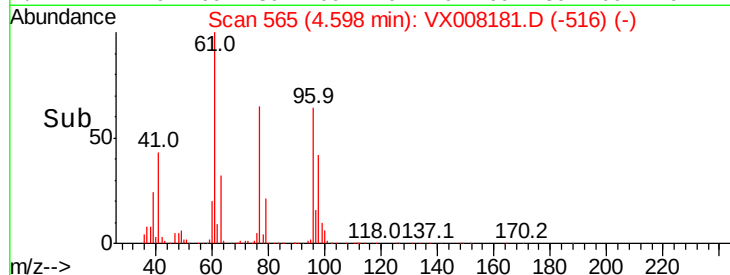
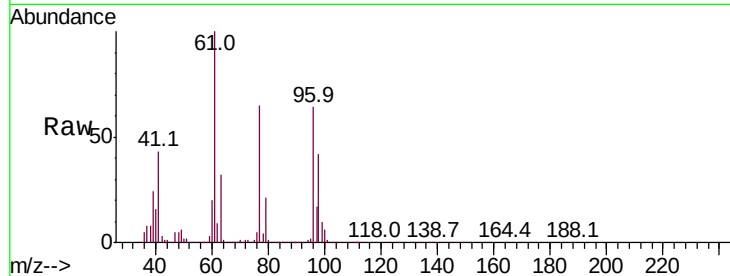
cis-1,2-Dichloroethene
Concen: 18.459 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	288.0
98	64.9	0.0	129.0

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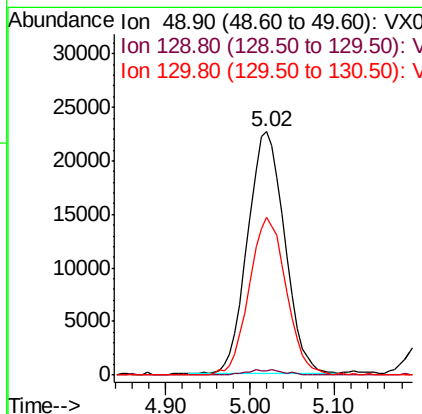
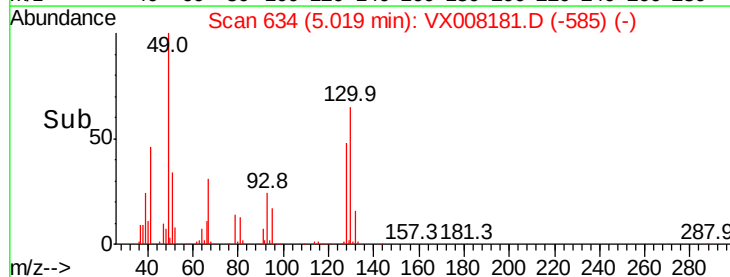
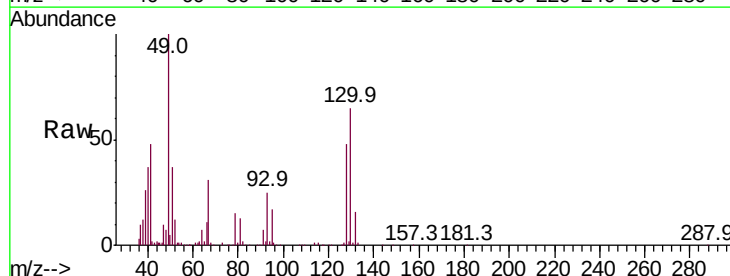
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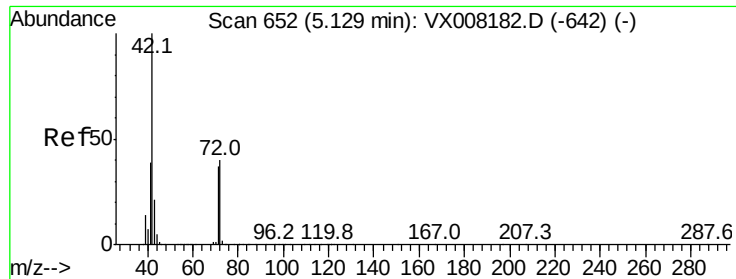


#28

Bromochloromethane
Concen: 19.725 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	65.0	65.0	97.4





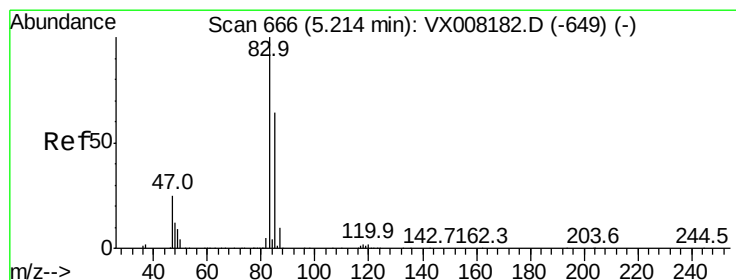
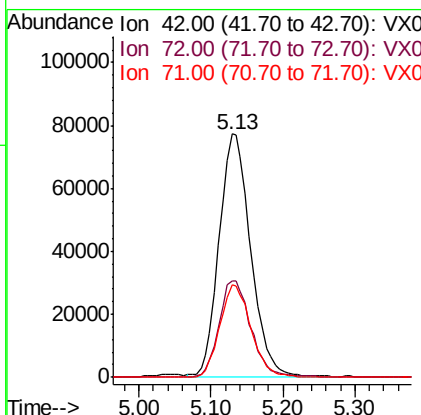
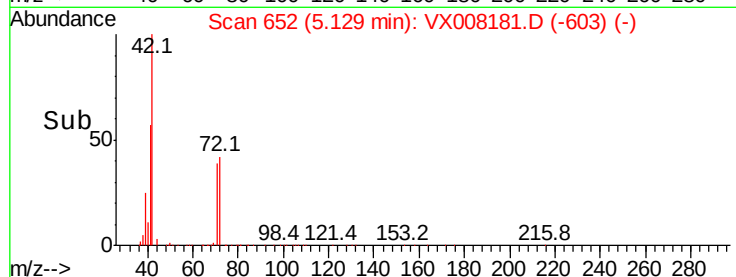
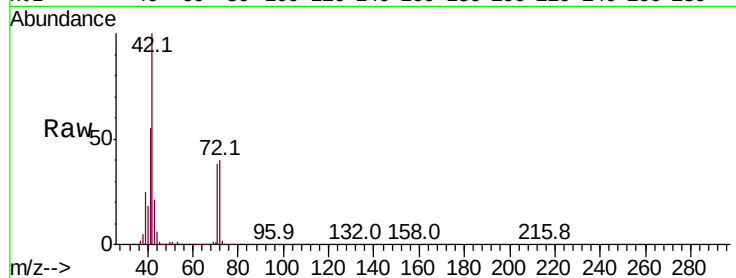
#29
Tetrahydrofuran
Concen: 92.216 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
42	100	234595		
72	39.9		33.8	50.6
71	37.6		31.5	47.3

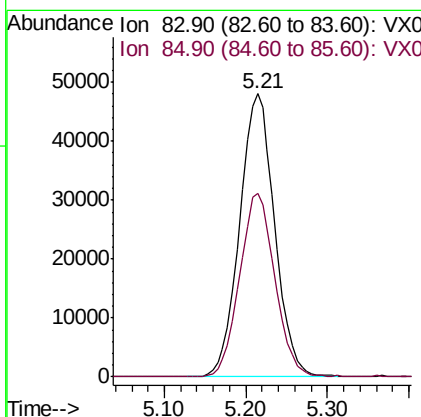
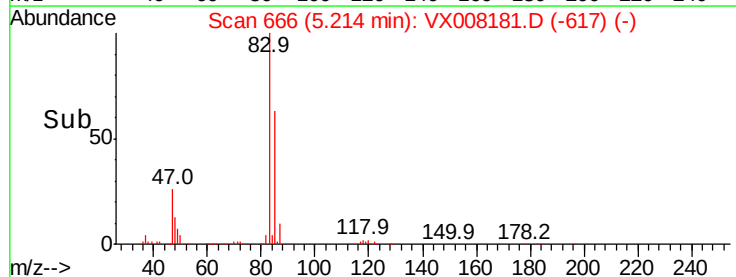
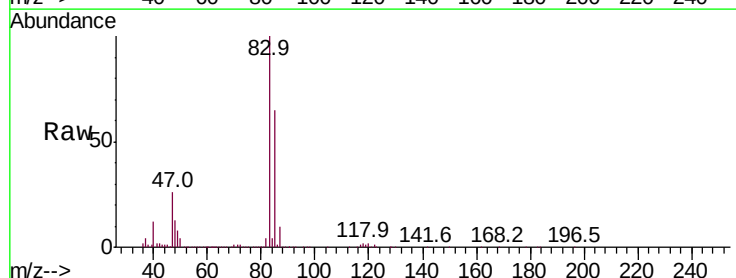
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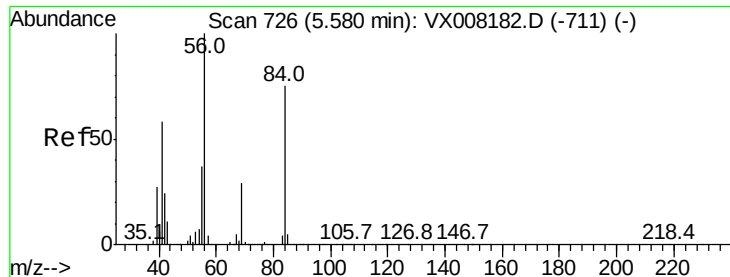
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3/20/2019 10:26:46 AM



#30
Chloroform
Concen: 18.472 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	142385		
85	64.7		51.8	77.6





#31

Cyclohexane

Concen: 18.112 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

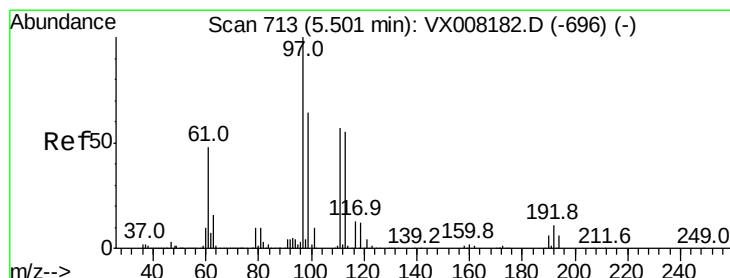
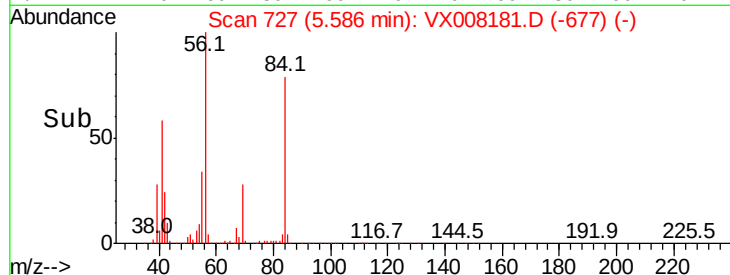
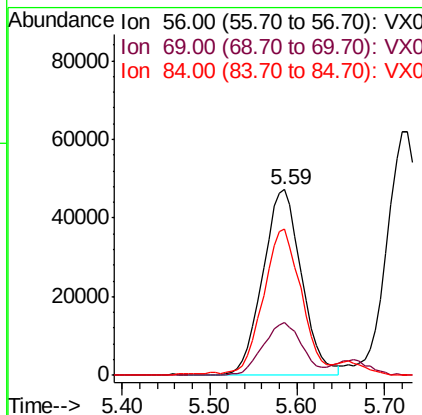
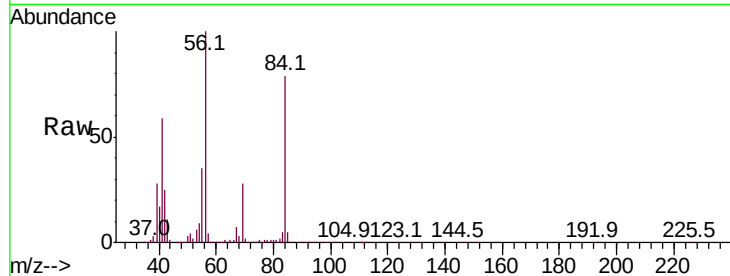
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	145239
Ion	Ratio	Lower	Upper
56	100		
69	28.1	24.0	36.0
84	78.3	65.3	97.9

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#32

1,1,1-Trichloroethane

Concen: 18.154 ug/l

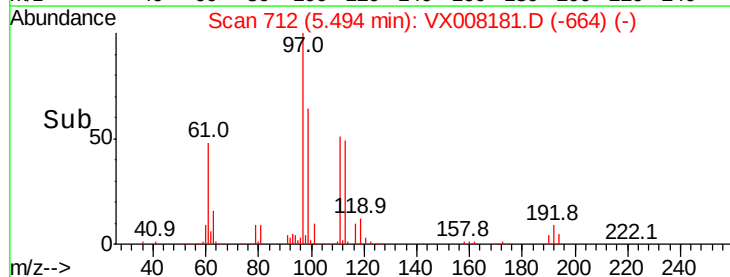
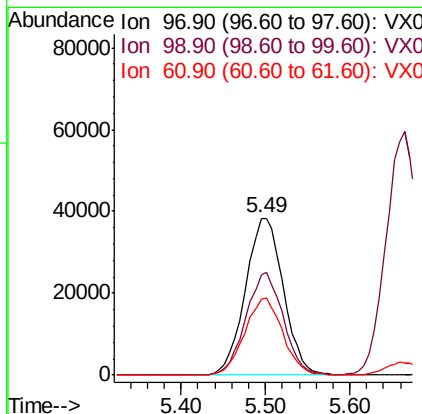
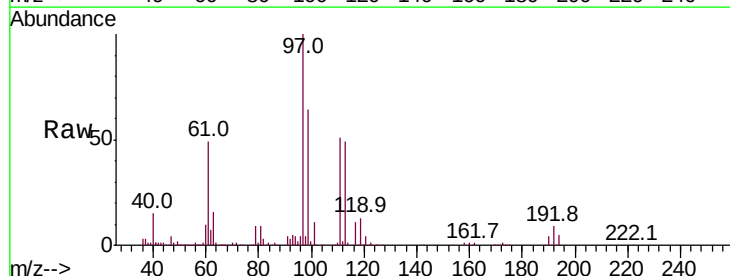
RT: 5.49 min Scan# 712

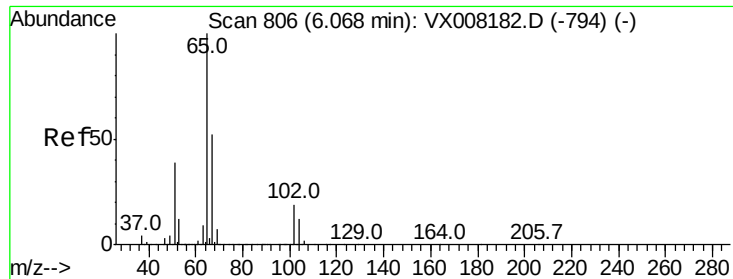
Delta R.T. -0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion:	97	Resp:	117544
Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.2	78.2
61	49.4	34.9	52.3





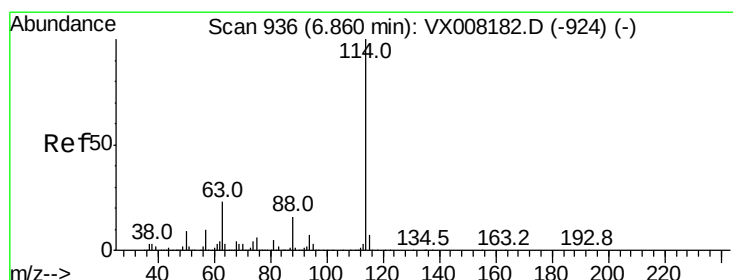
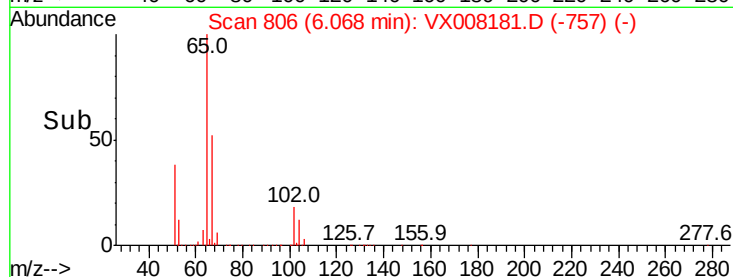
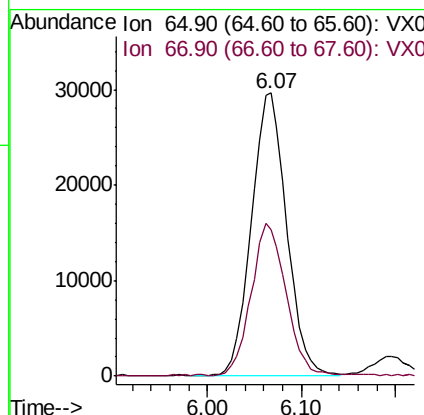
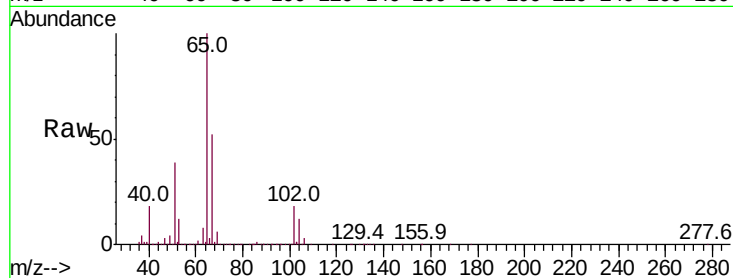
#33
 1,2-Dichloroethane-d4
 Concen: 17.627 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	110.0

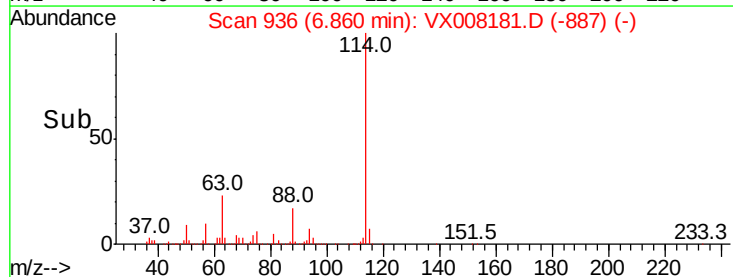
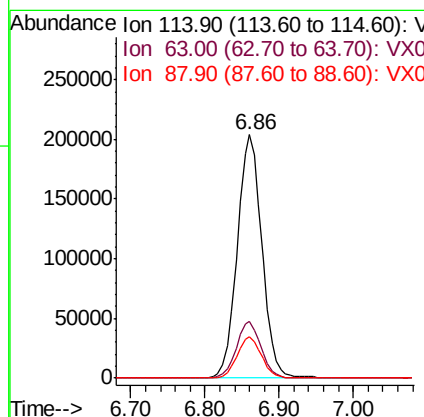
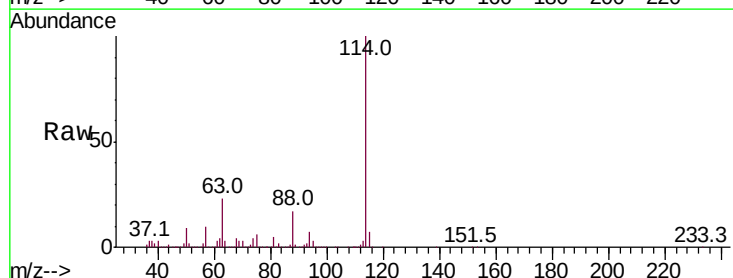
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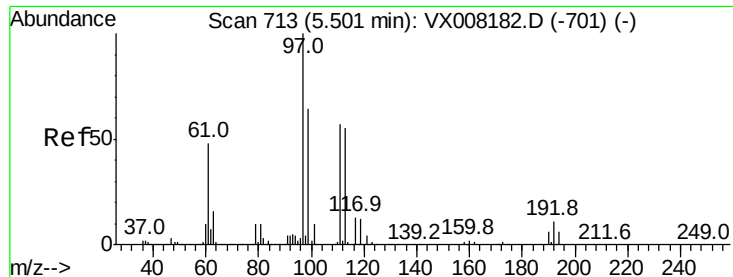
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	39.8
88	16.9	0.0	31.4





#35

Dibromofluoromethane

Concen: 17.491 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

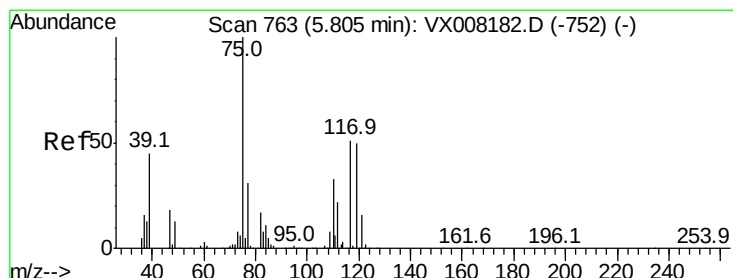
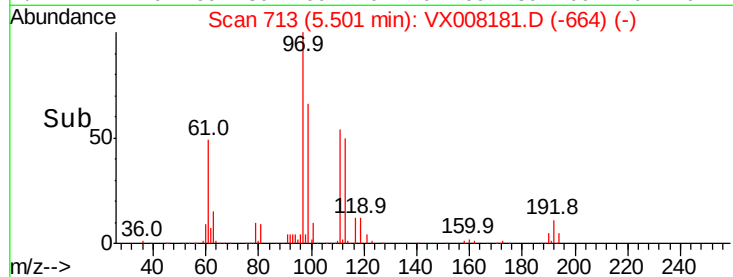
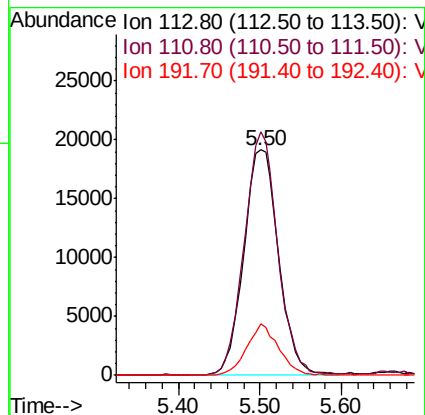
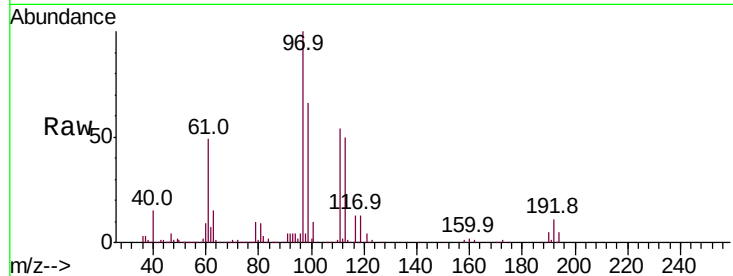
ClientSampled :

VSTDIC020

Tot Ion:	113	Resp:	57016
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.4	122.0
192	21.0	19.4	29.0

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#36

1,1-Dichloropropene

Concen: 18.237 ug/l

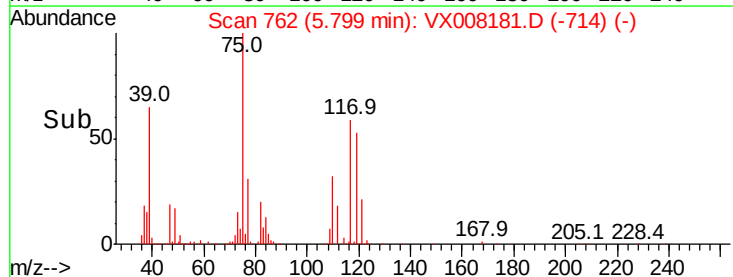
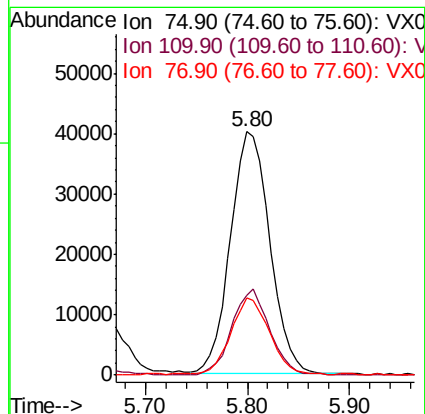
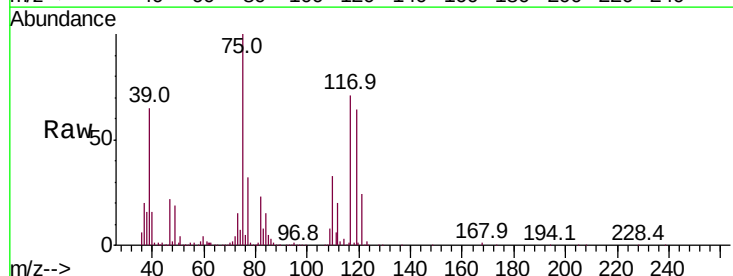
RT: 5.80 min Scan# 762

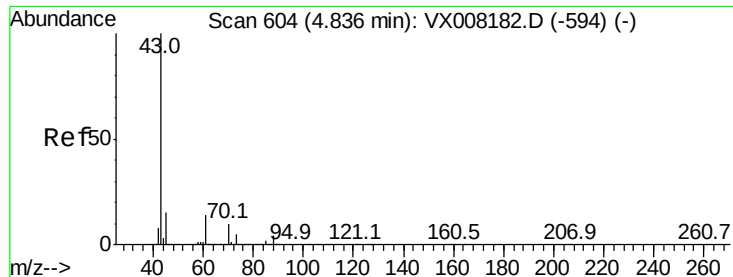
Delta R.T. -0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion:	75	Resp:	107835
Ion	Ratio	Lower	Upper
75	100		
110	33.9	18.4	55.0
77	31.0	25.0	37.4





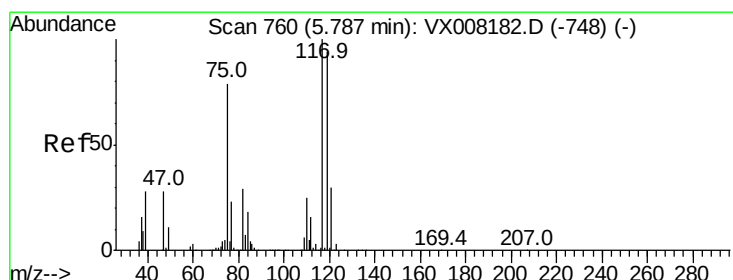
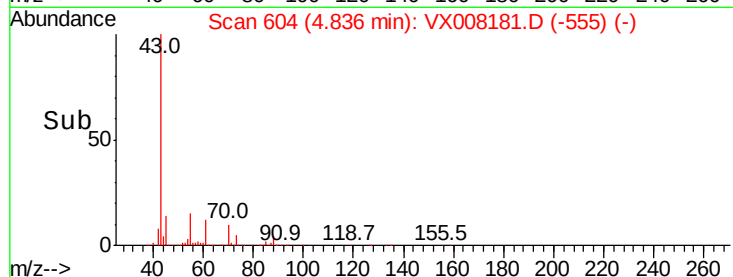
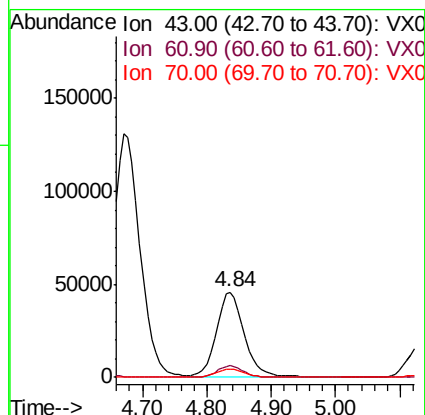
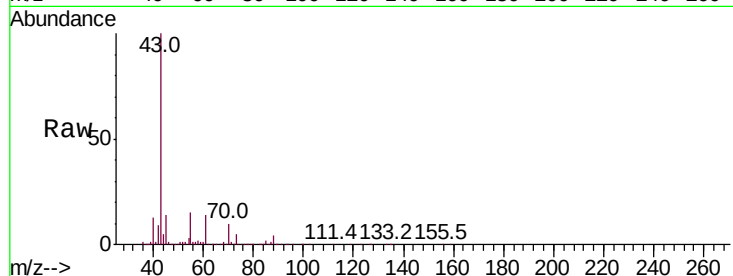
#37
Ethyl Acetate
Concen: 18.623 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.3	16.9
70	9.8	8.5	12.7

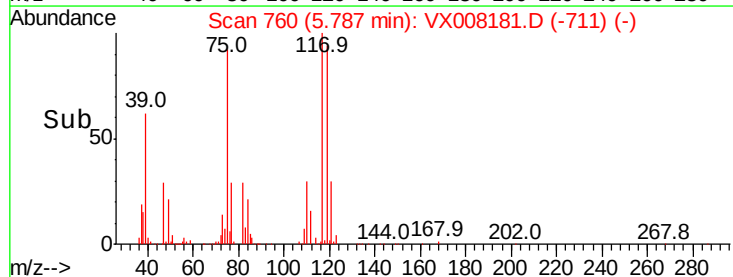
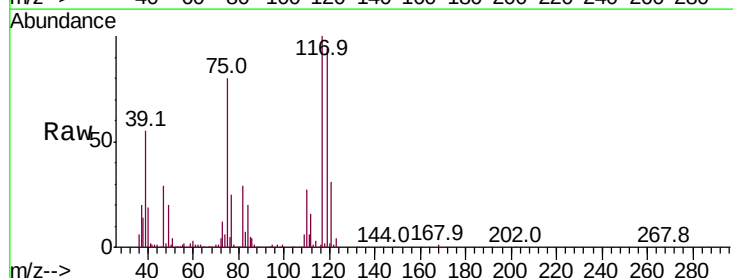
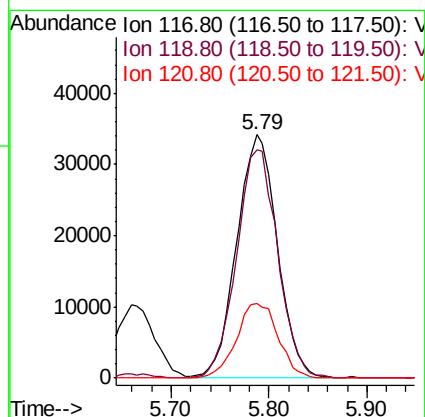
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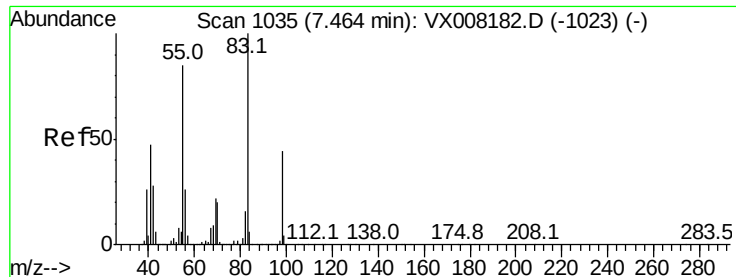
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3/20/2019 10:26:46 AM



#38
Carbon Tetrachloride
Concen: 18.163 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.2	114.2
121	30.7	24.6	36.8





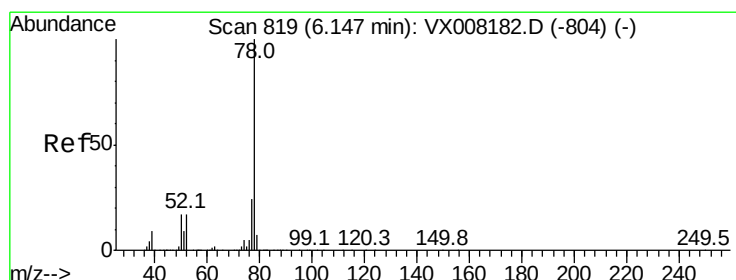
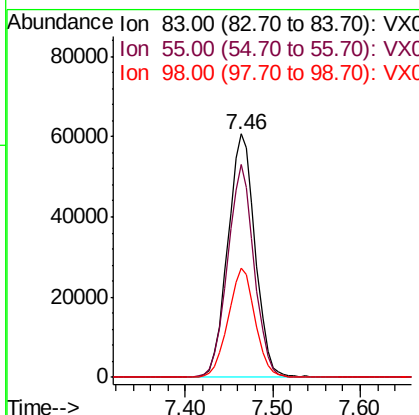
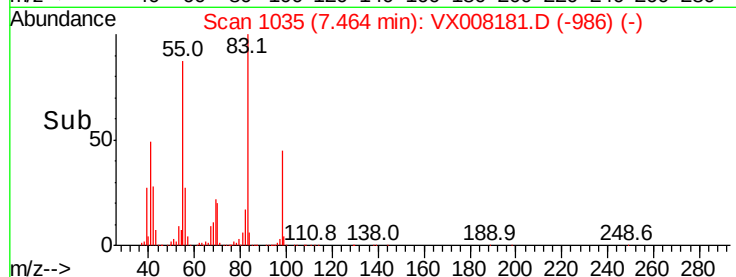
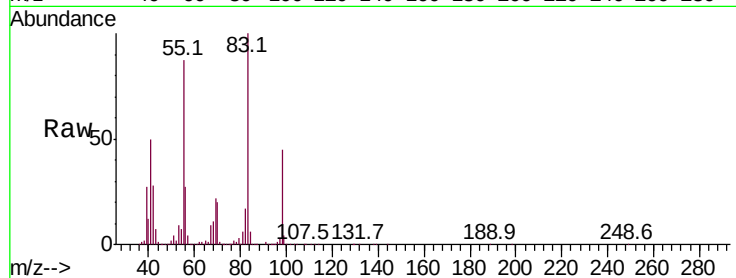
#39
Methylvlcyclohexane
Concen: 18.004 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.1	60.4	90.6
98	45.0	36.5	54.7

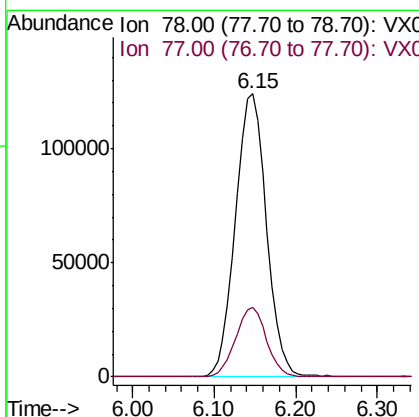
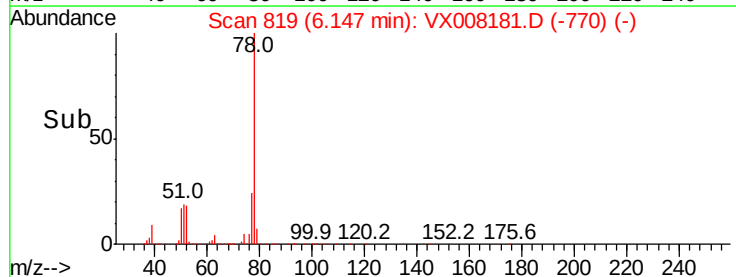
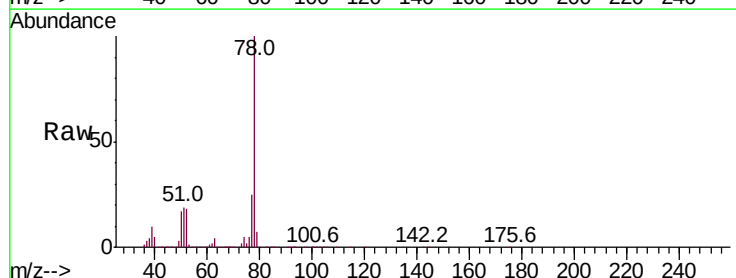
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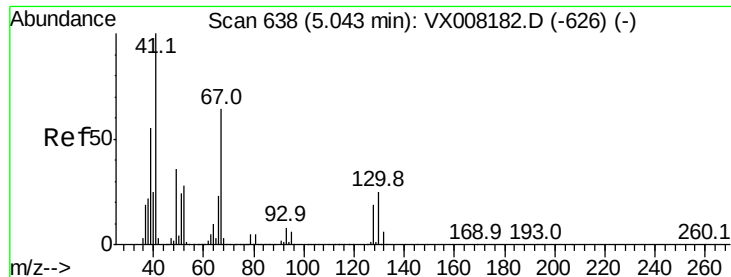
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3/20/2019 10:26:46 AM



#40
Benzene
Concen: 18.516 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





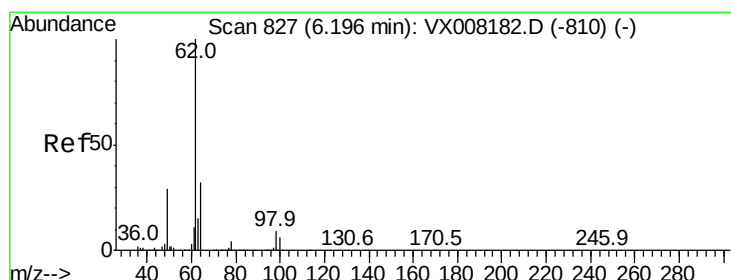
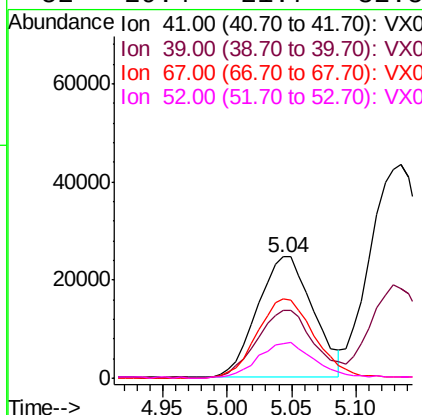
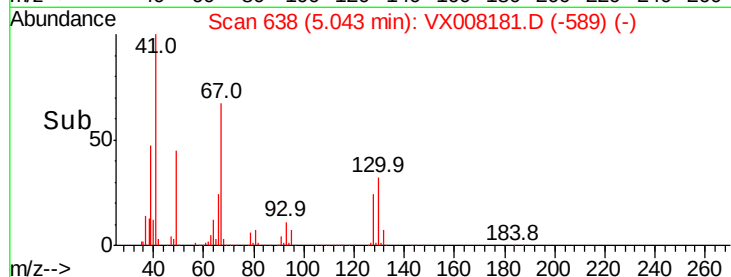
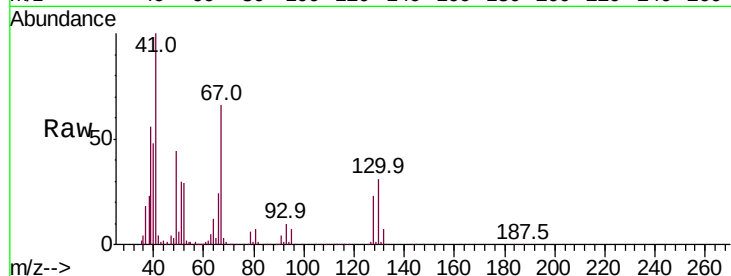
#41
Methacrylonitrile
Concen: 17.928 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.3	41.6	62.4	
67	68.8	55.8	83.6	
52	29.4	21.7	32.5	

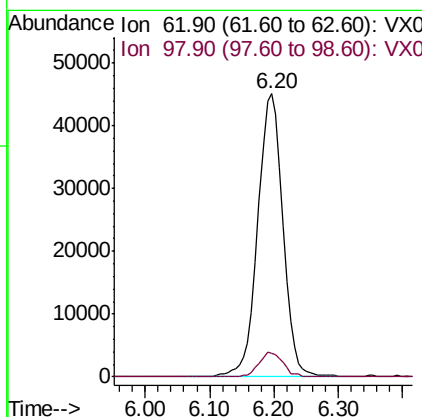
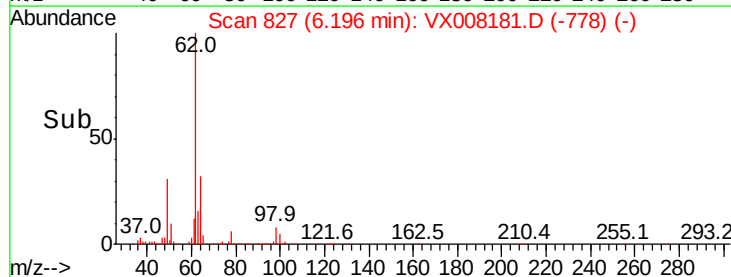
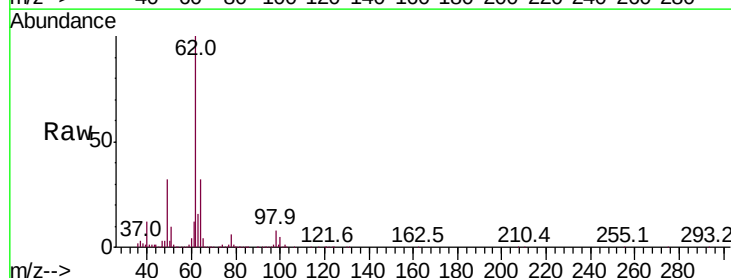
Manual Integrations
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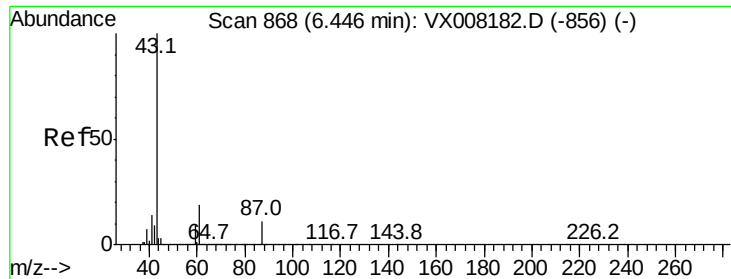
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#42
1,2-Dichloroethane
Concen: 19.044 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	20.4	





#43

Isopropyl Acetate

Concen: 17.922 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

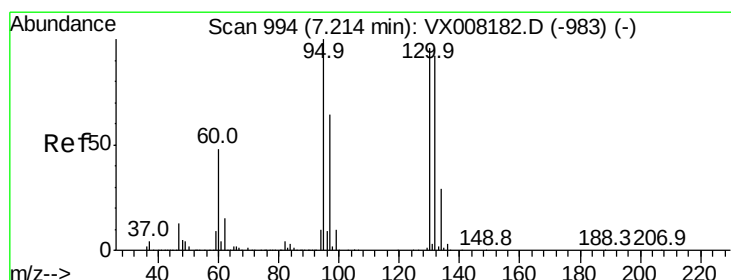
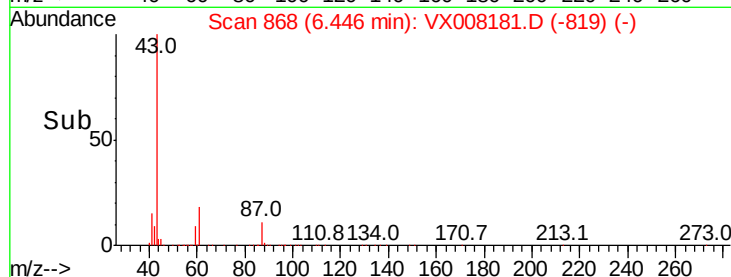
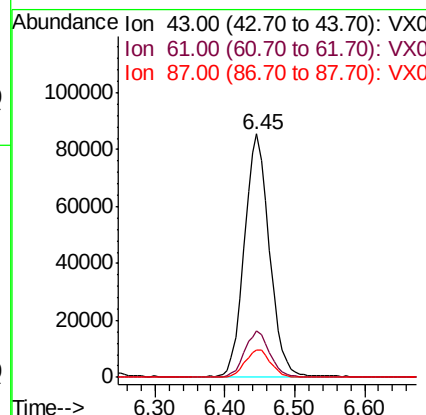
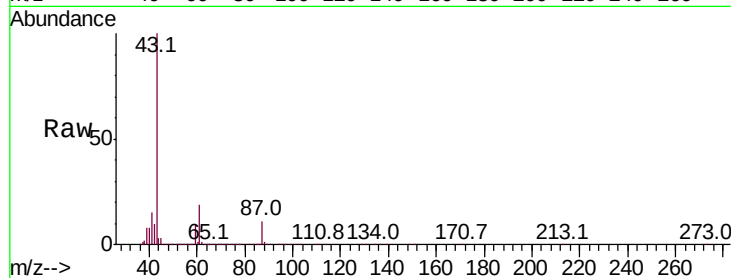
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	211424
Ion	Ratio	Lower	Upper
43	100		
61	19.0	16.3	24.5
87	11.6	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 18.582 ug/l

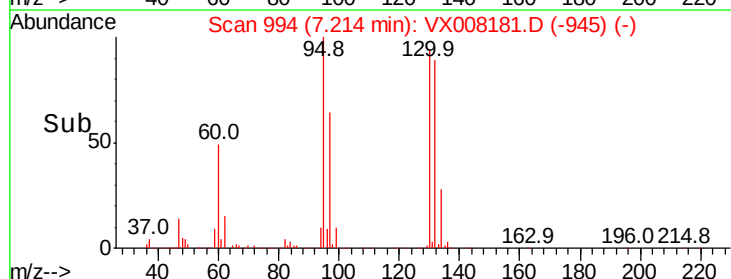
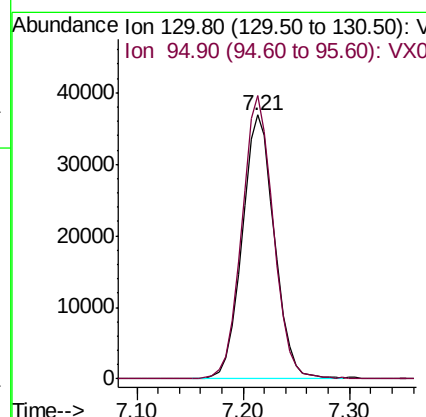
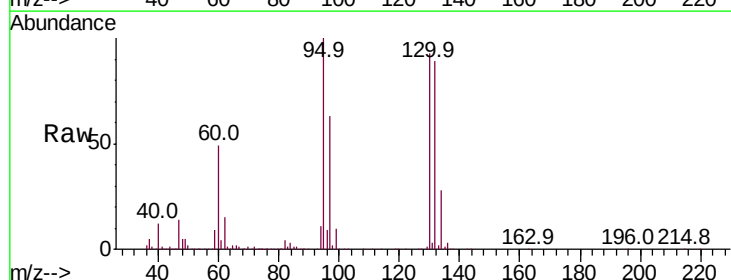
RT: 7.21 min Scan# 994

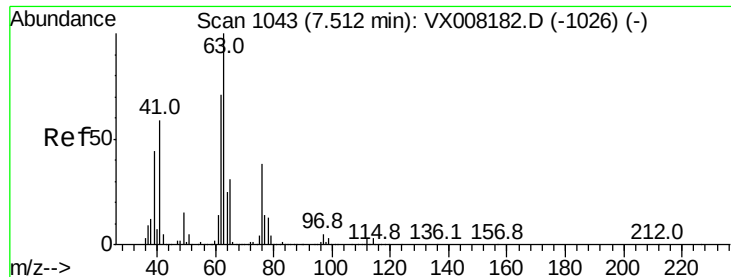
Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion:	130	Resp:	78373
Ion	Ratio	Lower	Upper
130	100		
95	107.2	0.0	188.0





#45

1,2-Dichloropropane

Concen: 18.855 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 91887

Ion Ratio Lower Upper

63 100

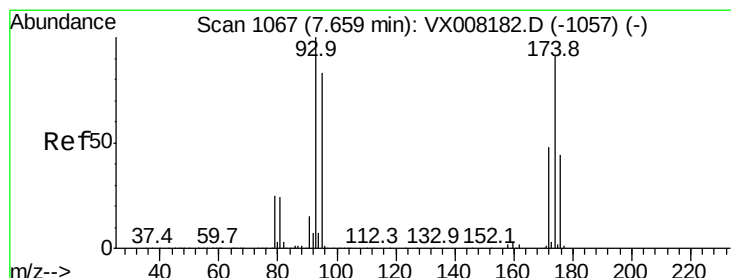
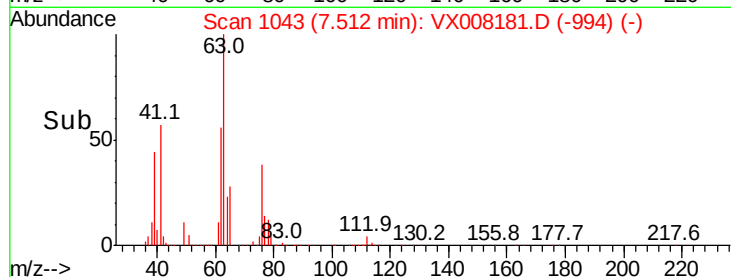
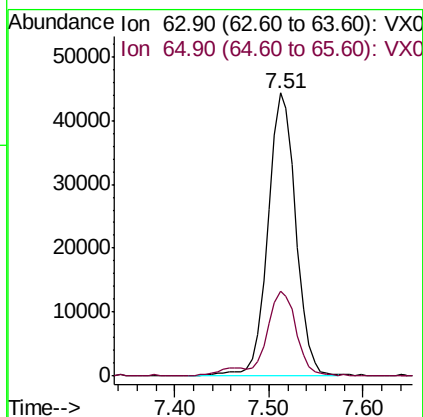
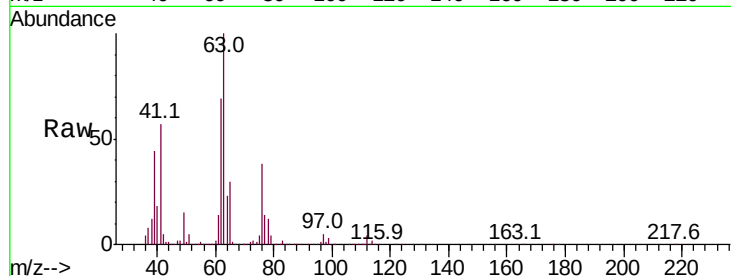
65 29.5 24.7 37.1

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#46

Dibromomethane

Concen: 18.599 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

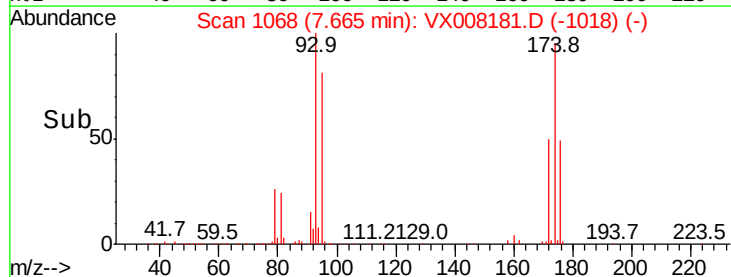
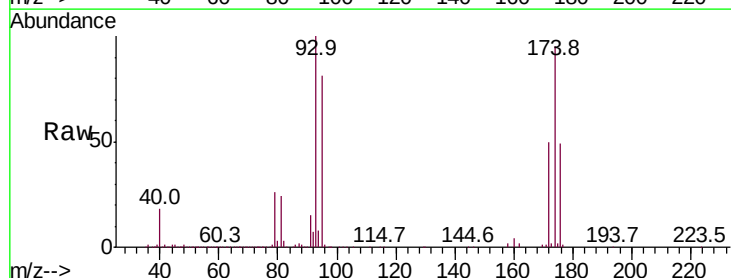
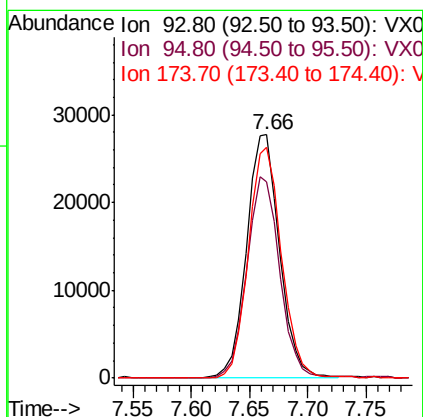
Tgt Ion: 93 Resp: 54705

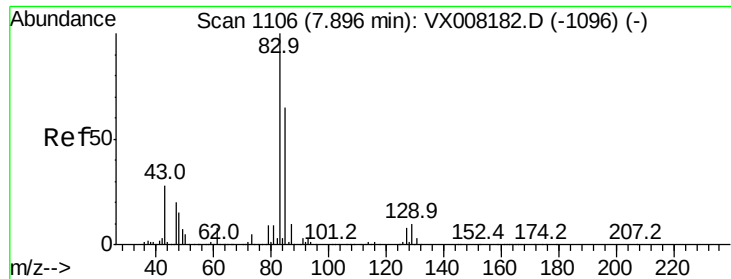
Ion Ratio Lower Upper

93 100

95 82.5 66.8 100.2

174 95.2 97.3 145.9#





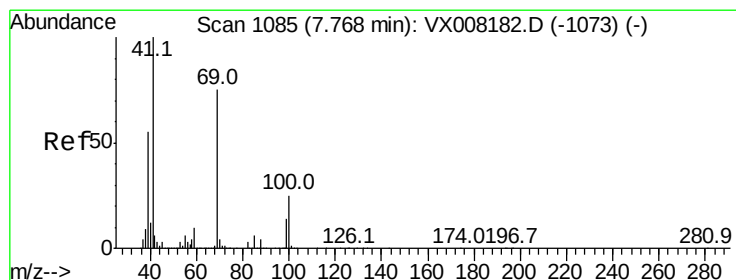
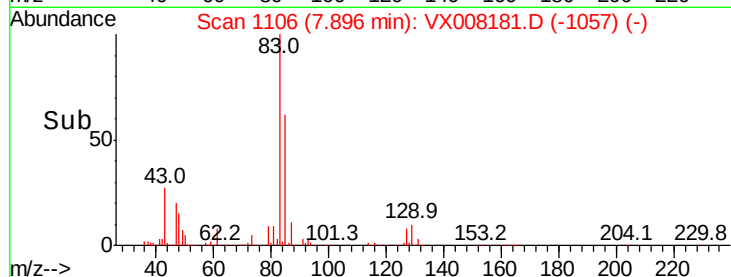
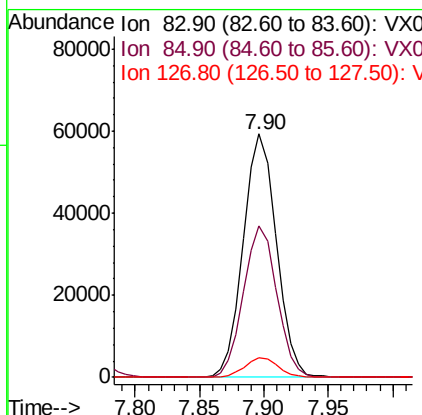
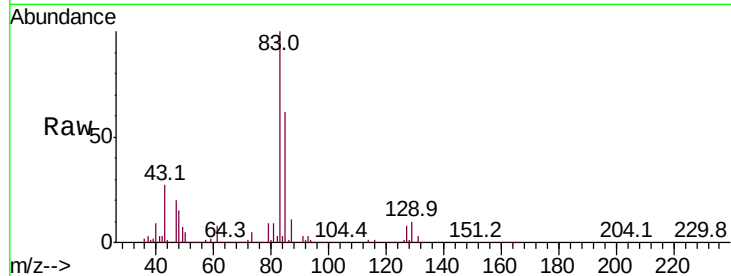
#47
 Bromodichloromethane
 Concen: 18.126 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.9	76.3
127	7.8	7.4	11.0

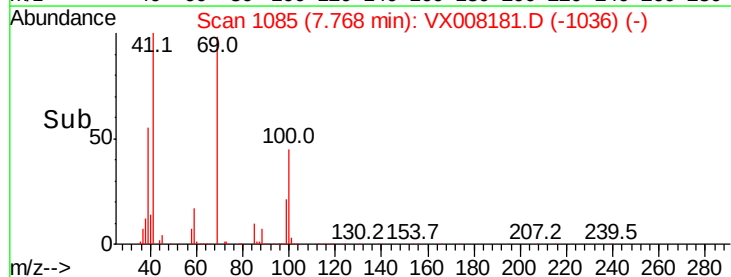
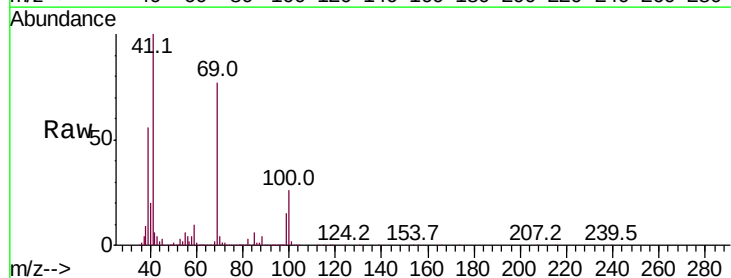
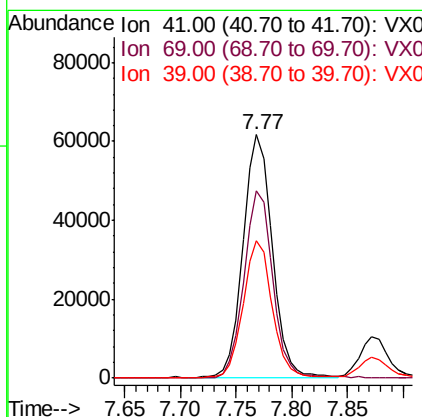
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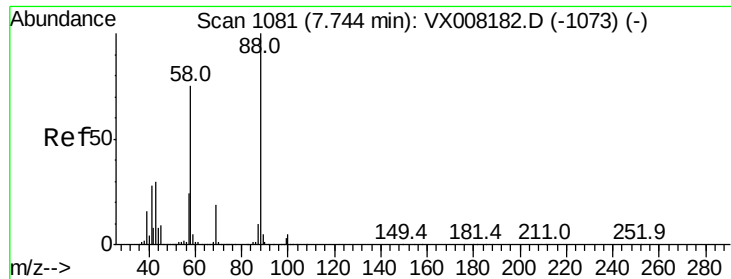
MMDadoda
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#48
 Methyl methacrylate
 Concen: 18.102 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.1	65.2	97.8
39	55.9	39.4	59.2





#49

1,4-Dioxane

Concen: 383.959 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

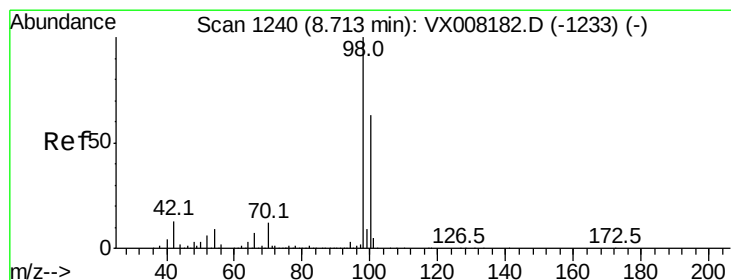
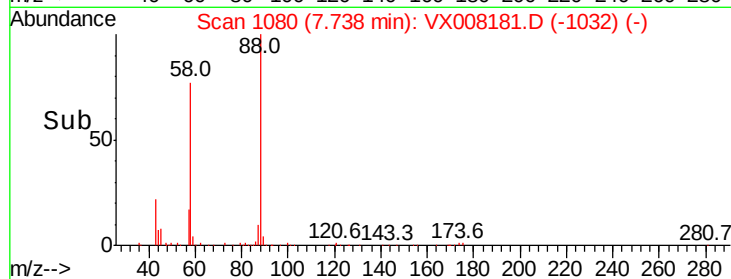
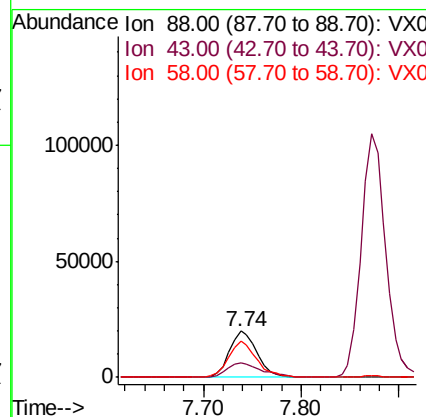
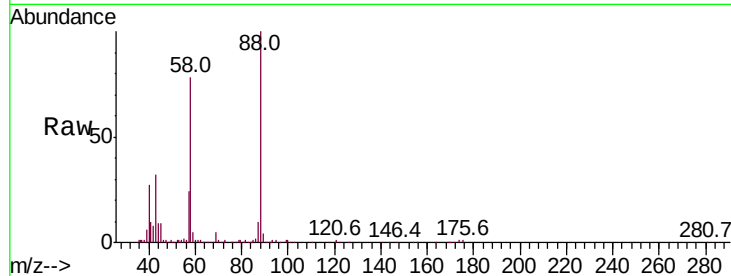
ClientSampleId :

VSTDIC020

Tot Ion:	88	Resp:	39094
Ion	Ratio	Lower	Upper
88	100		
43	37.1	25.1	37.7
58	77.5	57.8	86.6

Manual Integrations
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#50

Toluene-d8

Concen: 17.397 ug/l

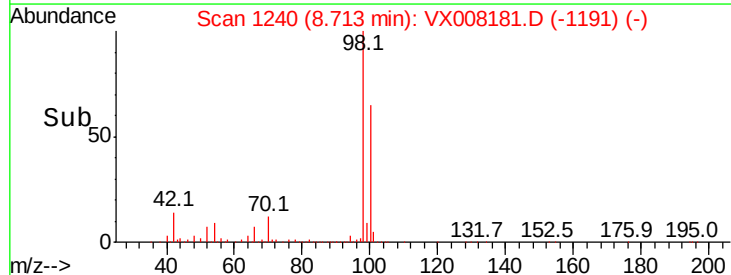
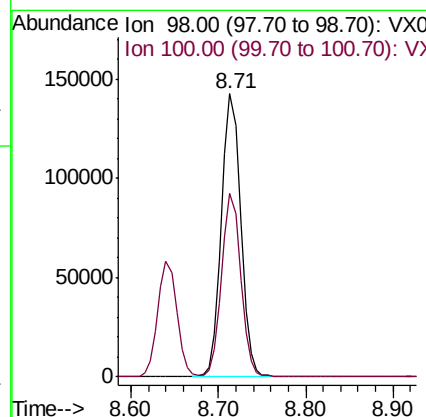
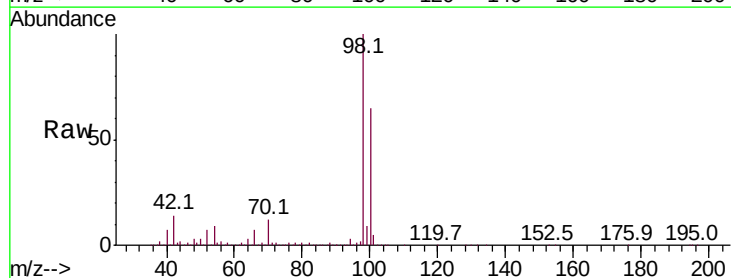
RT: 8.71 min Scan# 1240

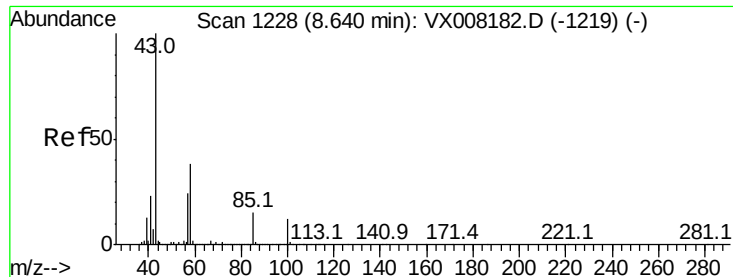
Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion:	98	Resp:	217900
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5





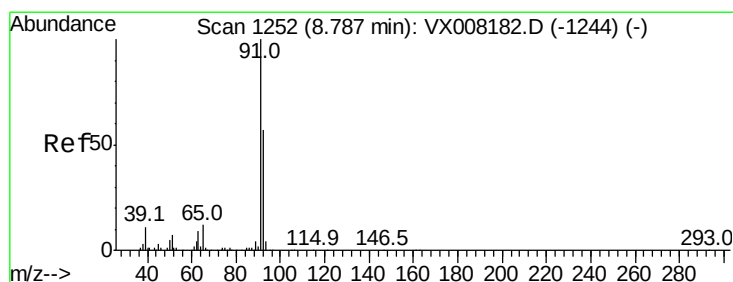
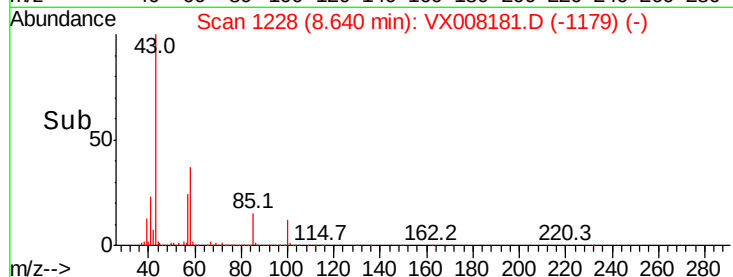
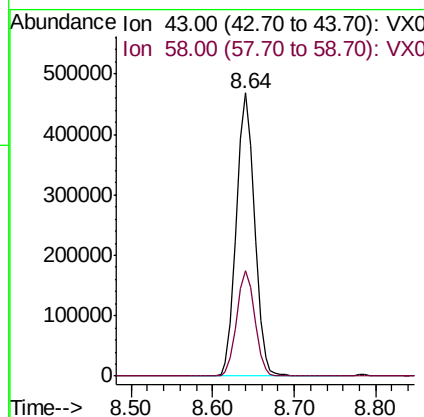
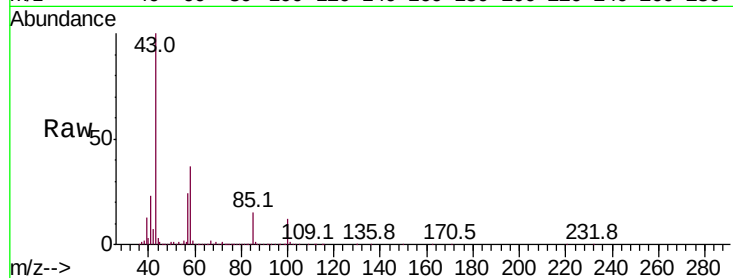
#51
 4-Methyl-2-Pentanone
 Concen: 95.053 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.1	31.3	46.9

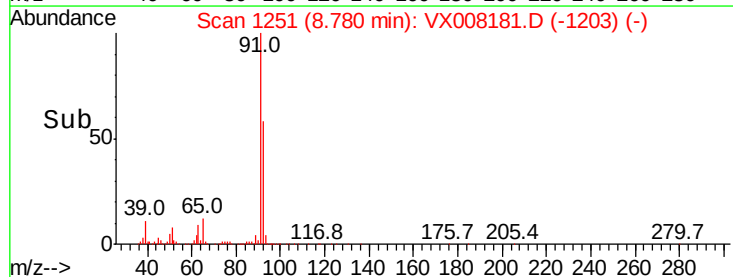
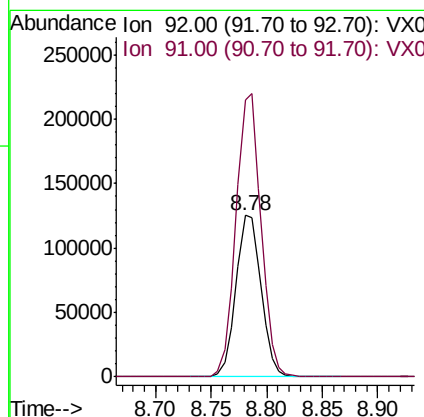
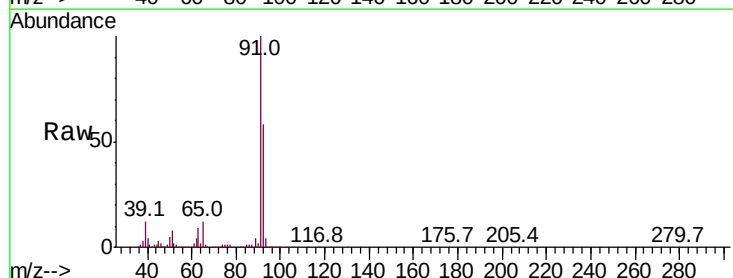
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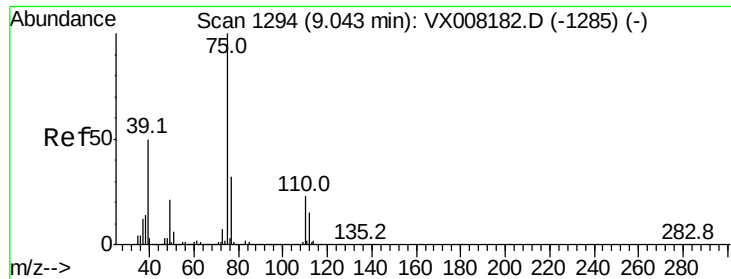
MMDadoda
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#52
 Toluene
 Concen: 18.852 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.4	137.4	206.0





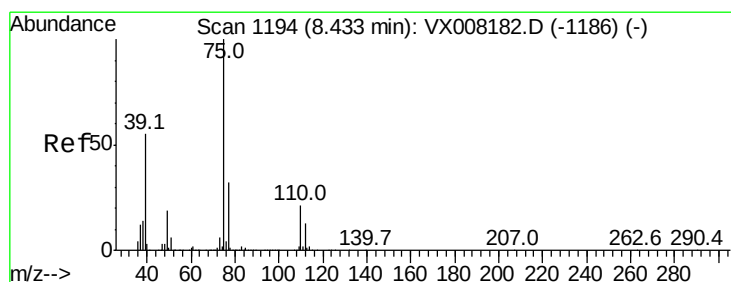
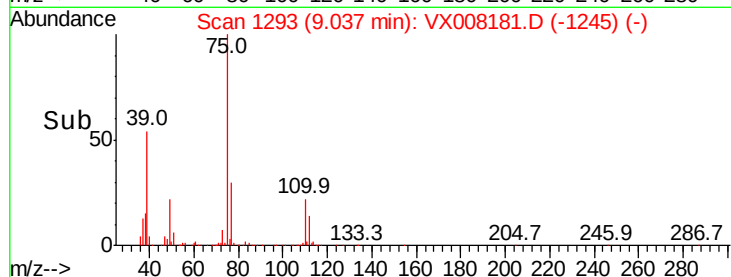
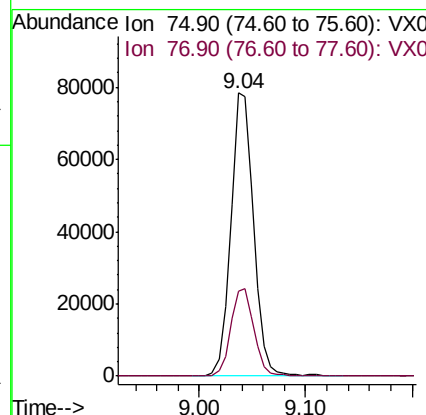
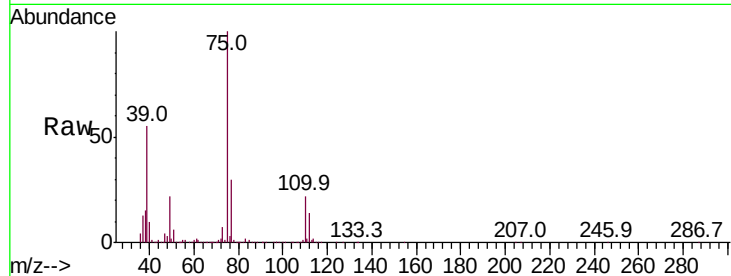
#53
 t-1,3-Dichloropropene
 Concen: 17.433 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.8	25.4	38.0

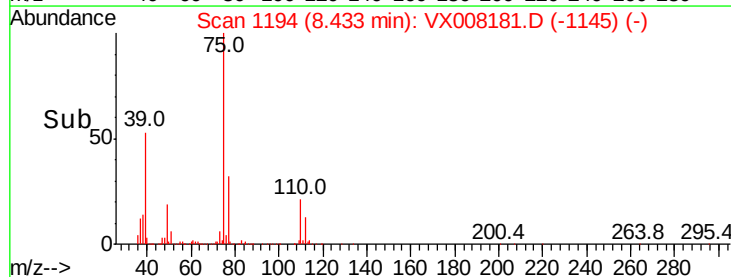
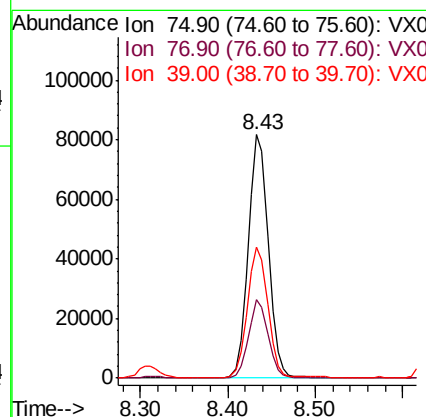
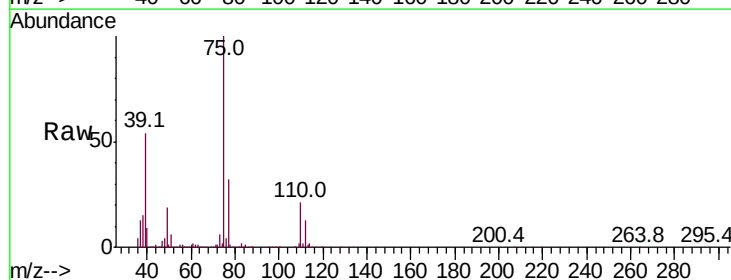
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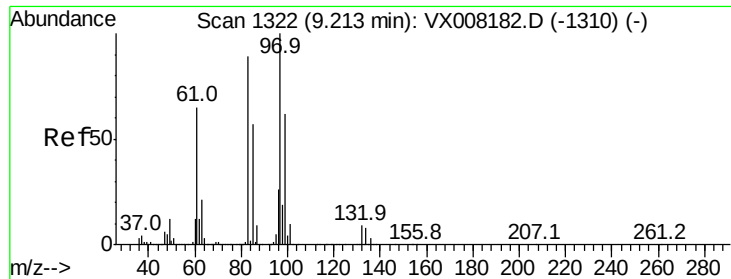
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#54
 cis-1,3-Dichloropropene
 Concen: 17.699 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.6
39	53.4	36.6	54.8





#55

1,1,2-Trichloroethane

Concen: 18.595 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

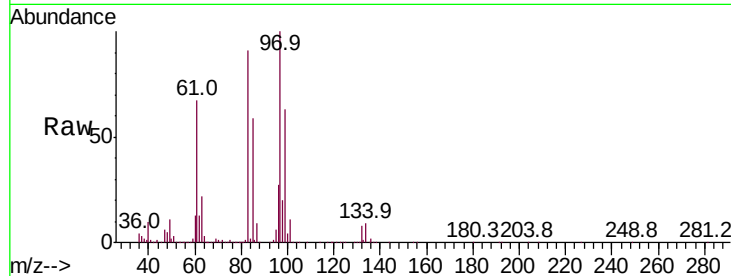
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
97	100		
83	90.8	69.1	103.7
85	59.0	44.3	66.5
99	62.5	49.8	74.8

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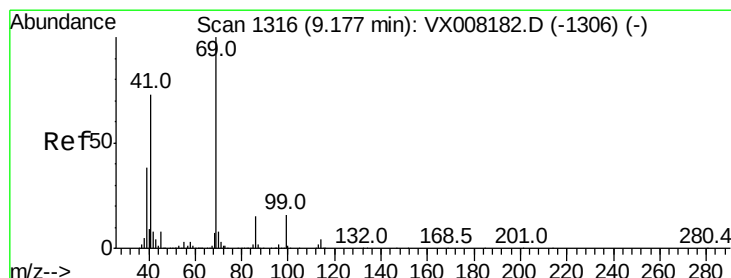
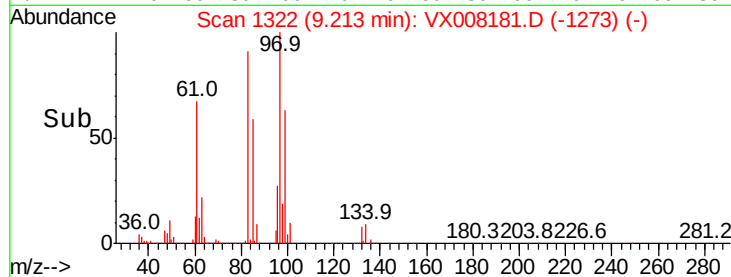
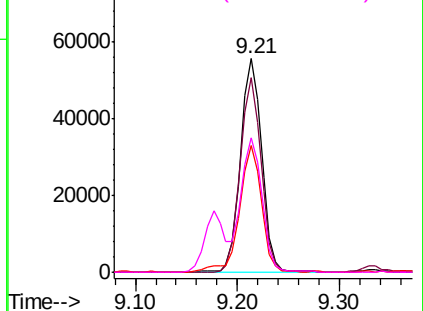
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.916 ug/l

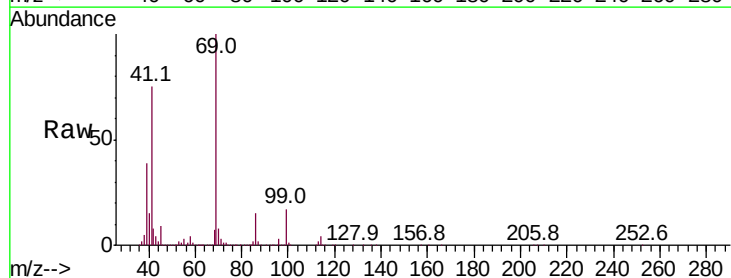
RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.8	54.2	81.4
39	38.5	25.0	37.4#

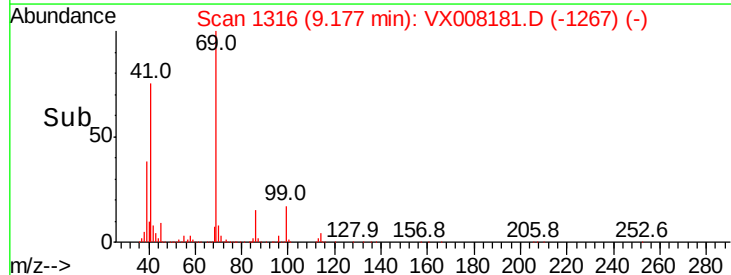
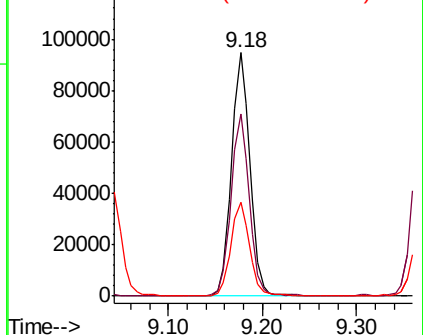


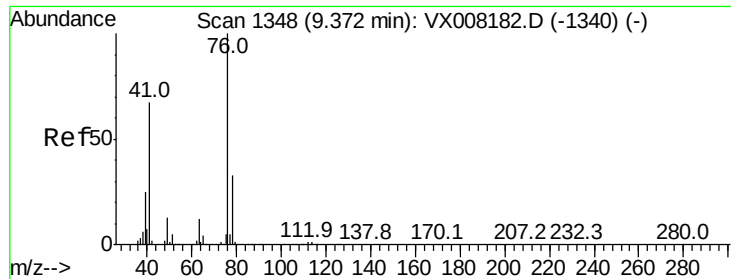
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





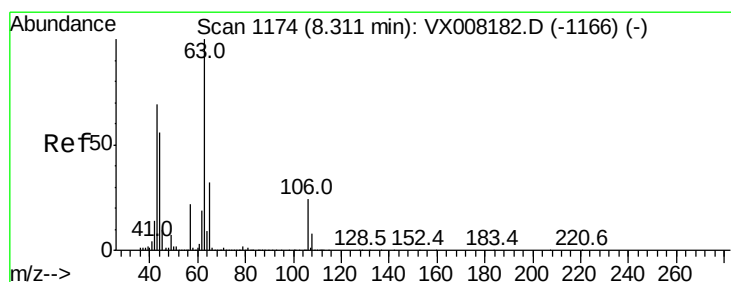
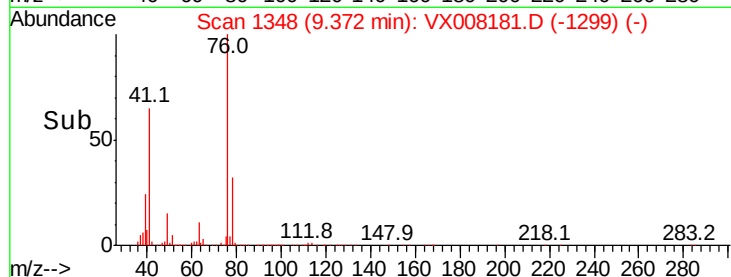
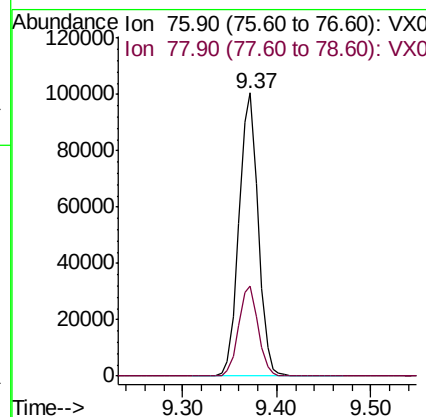
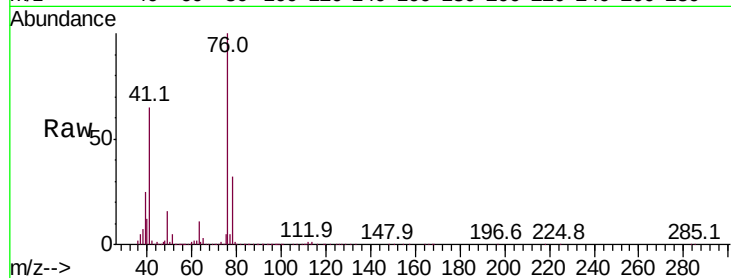
#57
 1,3-Dichloropropane
 Concen: 18.714 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.5	38.3

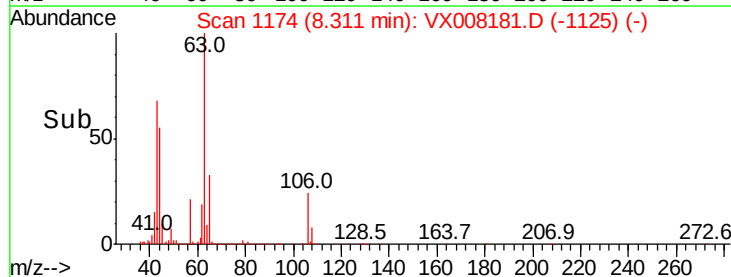
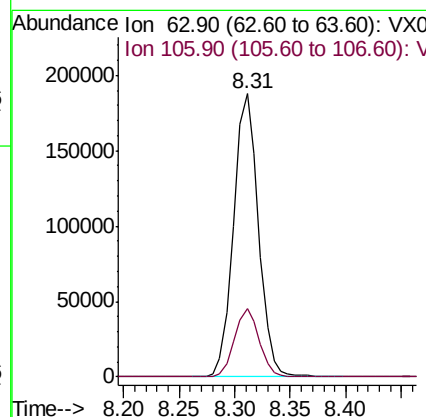
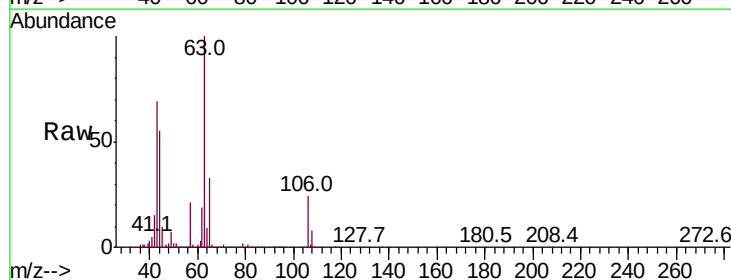
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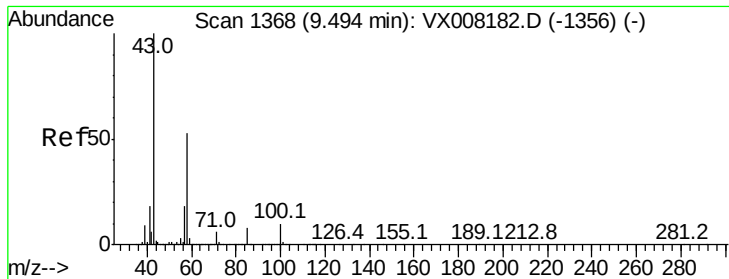
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#58
 2-Chloroethyl Vinyl ether
 Concen: 86.246 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.2	22.2	33.2





#59

2-Hexanone

Concen: 96.654 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 554147

Ion Ratio Lower Upper

43 100

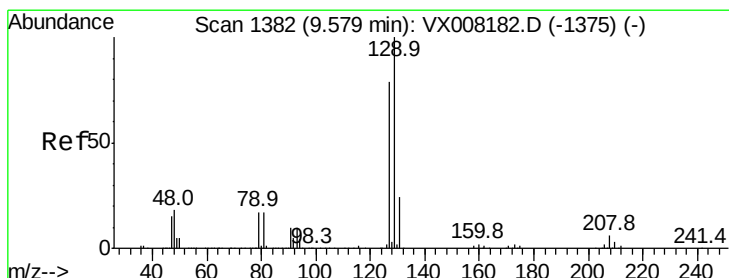
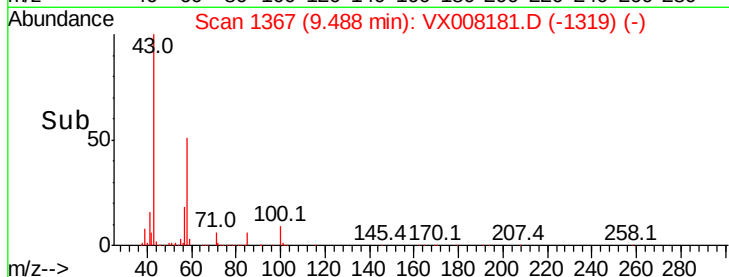
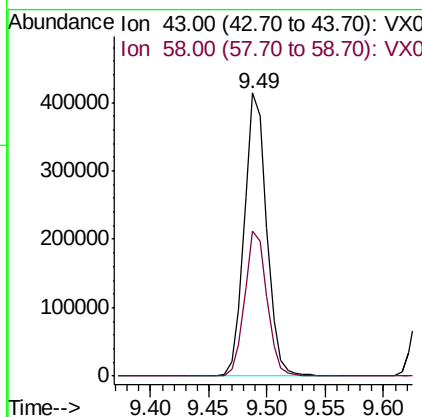
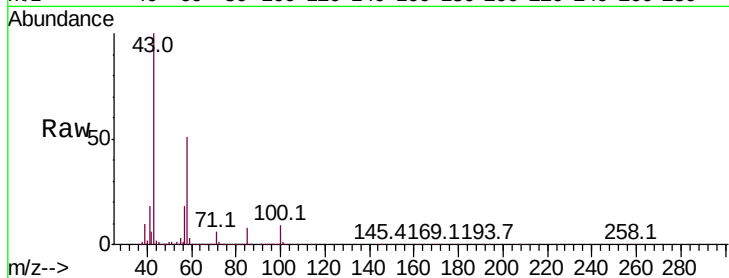
58 51.7 27.6 82.7

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#60

Dibromochloromethane

Concen: 17.699 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008181.D

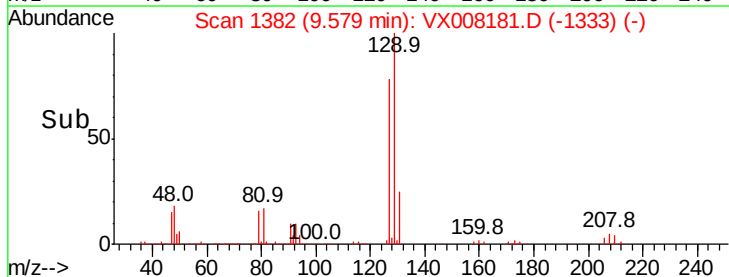
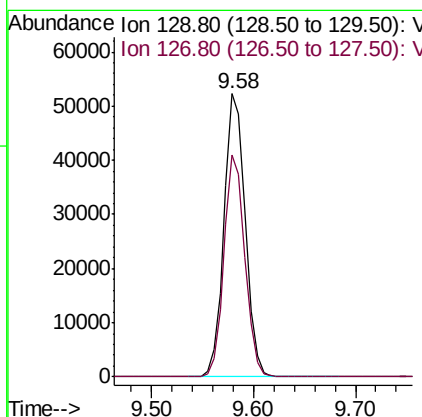
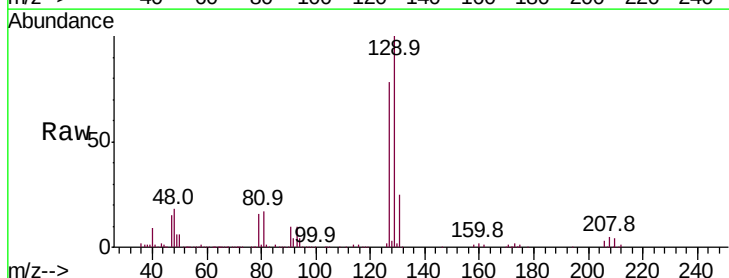
Acq: 19 Mar 2019 10:44

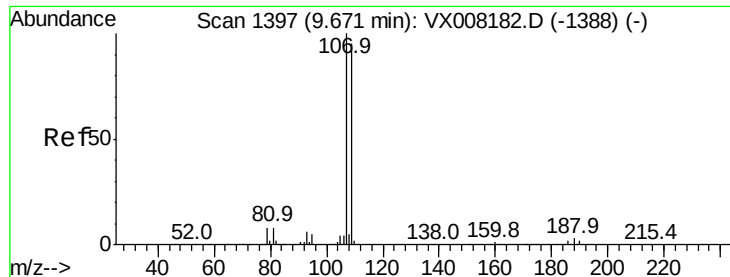
Tgt Ion: 129 Resp: 75439

Ion Ratio Lower Upper

129 100

127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 18.689 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:107 Resp: 83453

Ion Ratio Lower Upper

107 100

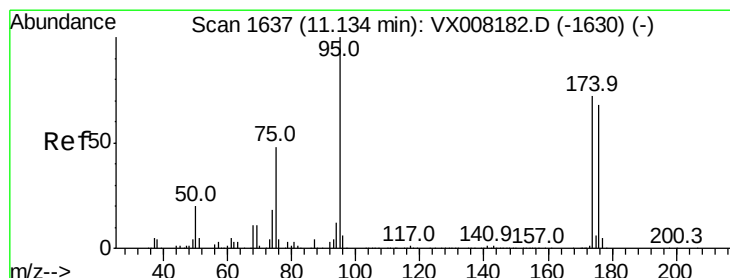
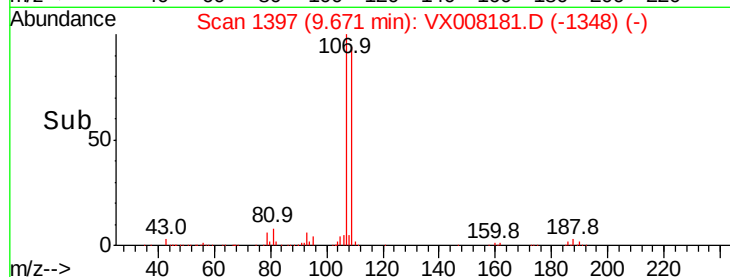
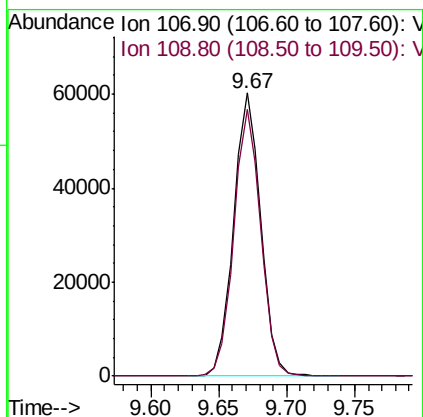
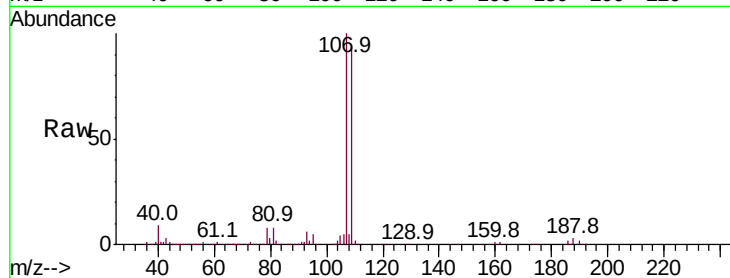
109 93.8 75.8 113.8

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#62

4-Bromofluorobenzene

Concen: 17.247 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

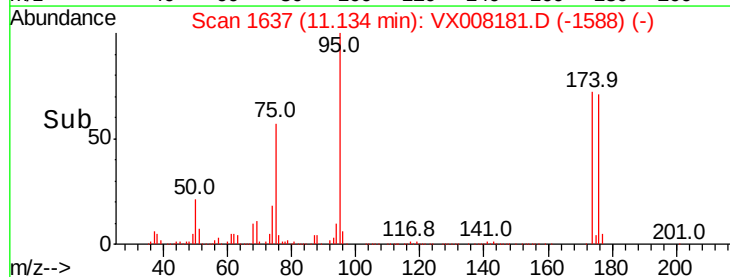
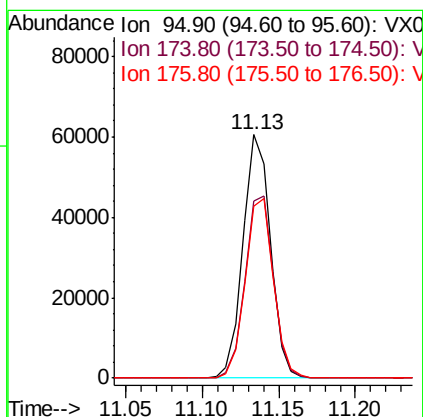
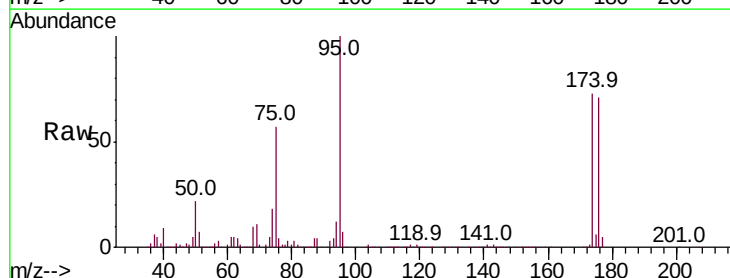
Tgt Ion: 95 Resp: 75675

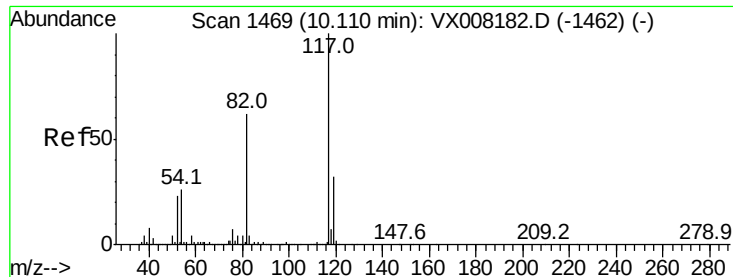
Ion Ratio Lower Upper

95 100

174 77.2 0.0 182.8

176 76.1 0.0 178.0





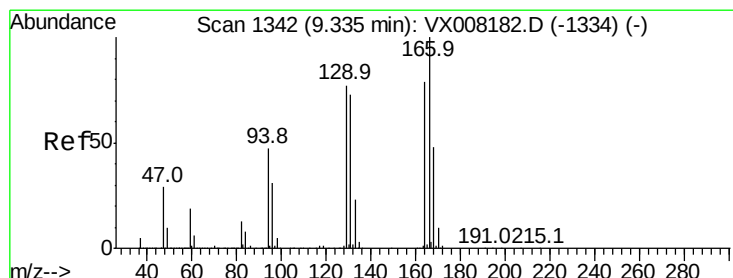
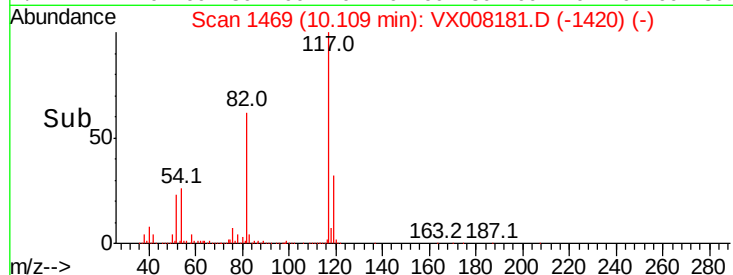
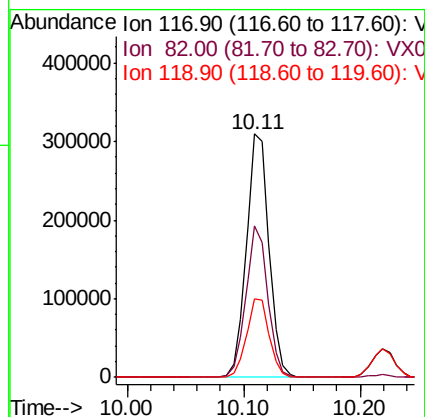
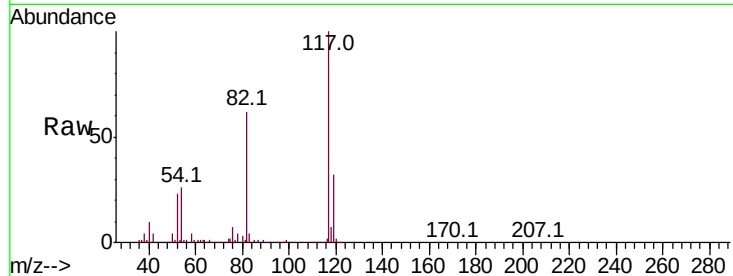
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.4	44.3	66.5
119	32.4	25.3	37.9

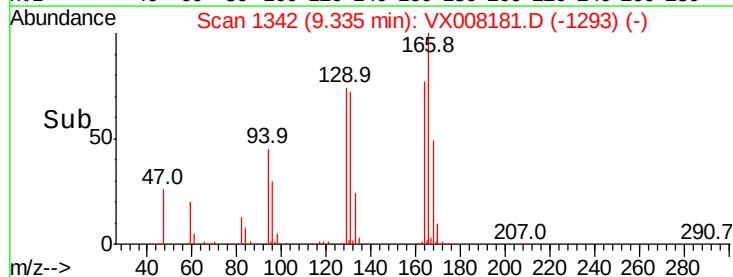
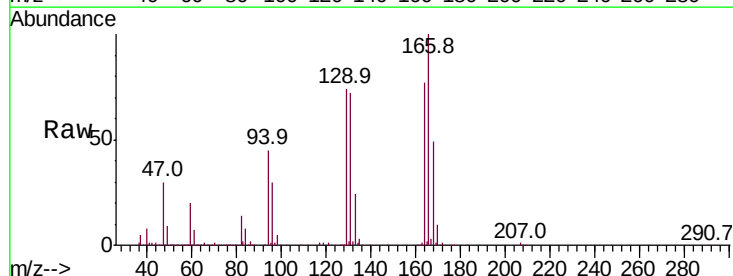
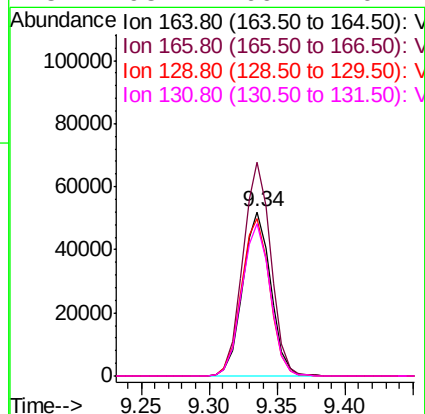
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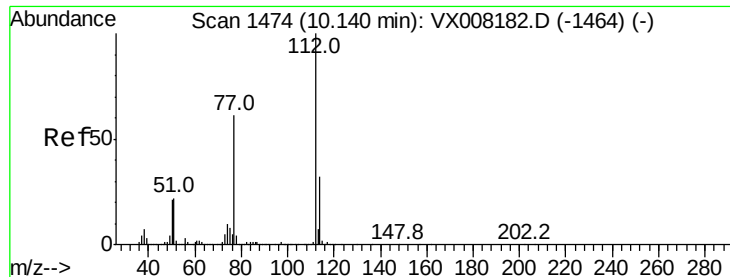
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#64
Tetrachloroethene
Concen: 18.512 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	103.4	155.0
129	96.0	72.2	108.4
131	93.1	69.4	104.2





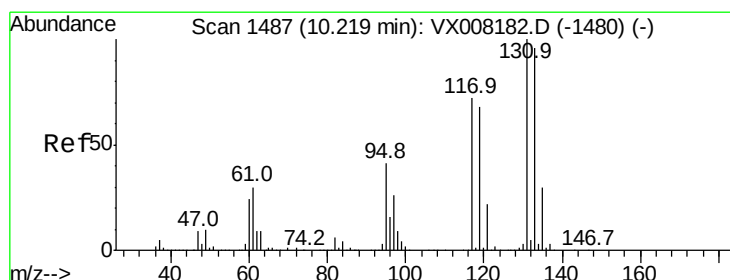
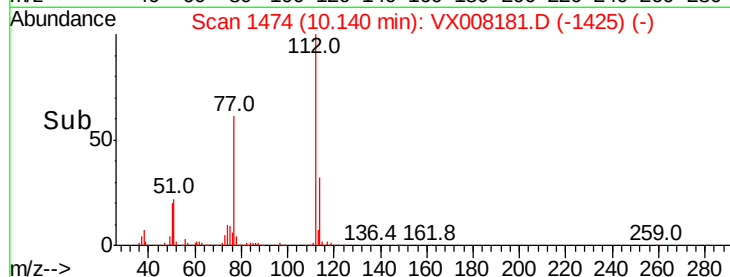
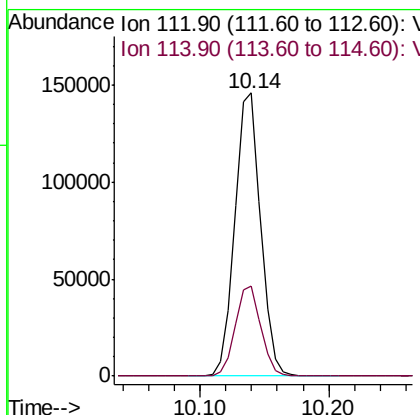
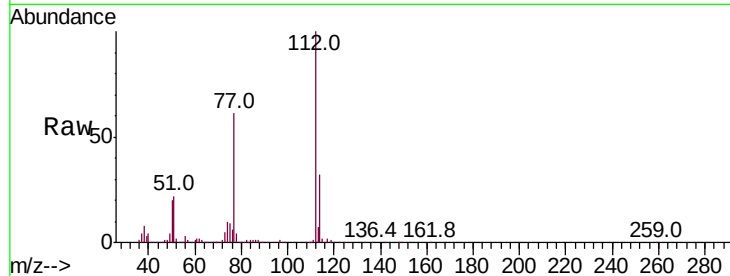
#65
Chlorobenzene
Concen: 18.351 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:112 Resp: 203636
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

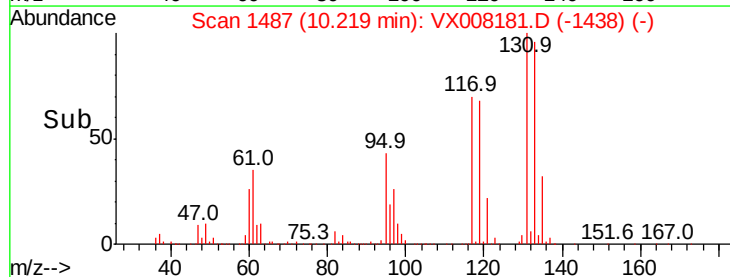
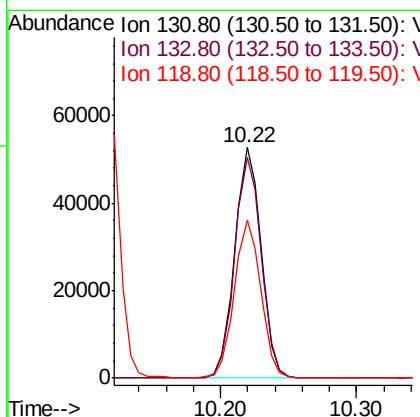
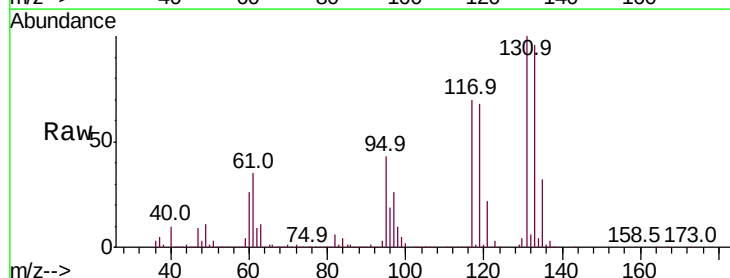
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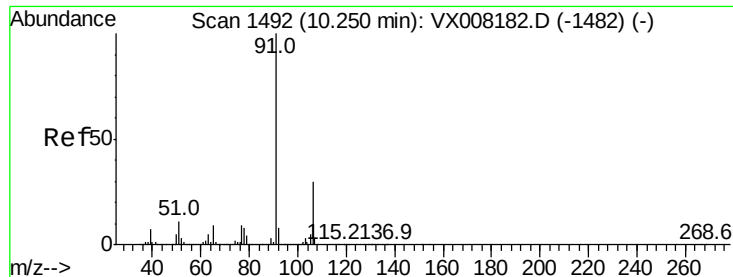
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.906 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion:131 Resp: 71227
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.3
119 68.7 32.5 97.5





#67

Ethyl Benzene

Concen: 18.093 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 365542

Ion Ratio Lower Upper

91 100

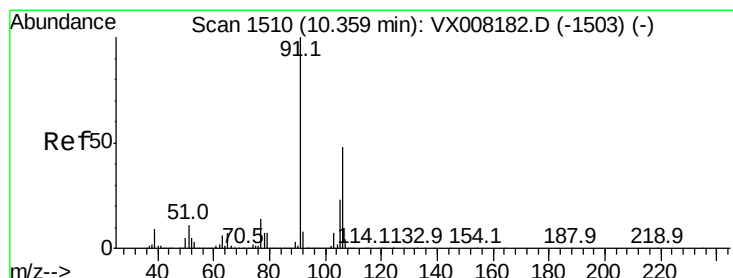
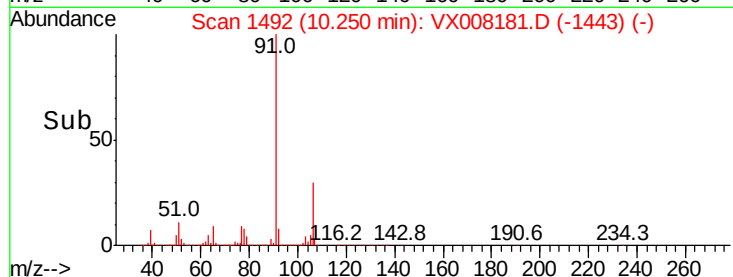
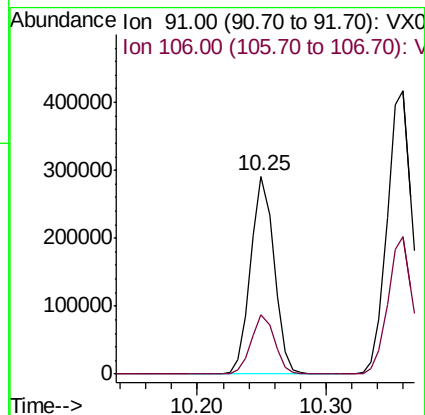
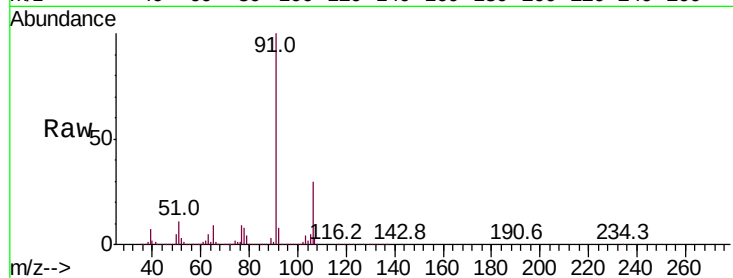
106 29.9 25.2 37.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 35.922 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008181.D

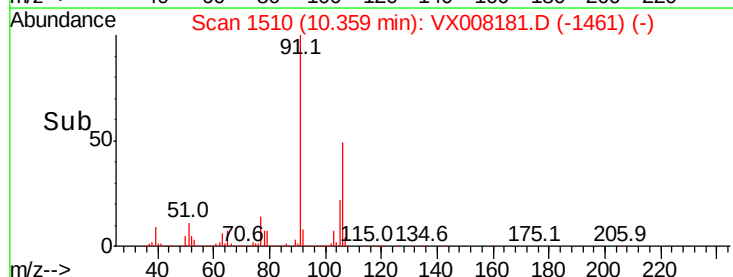
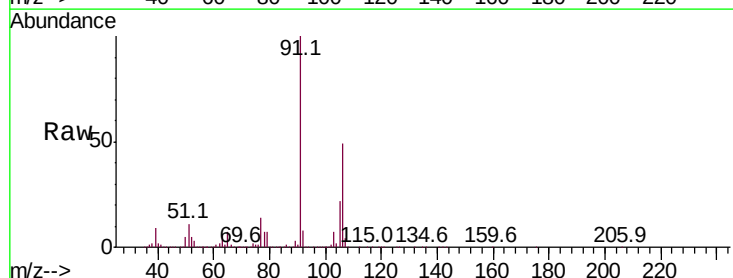
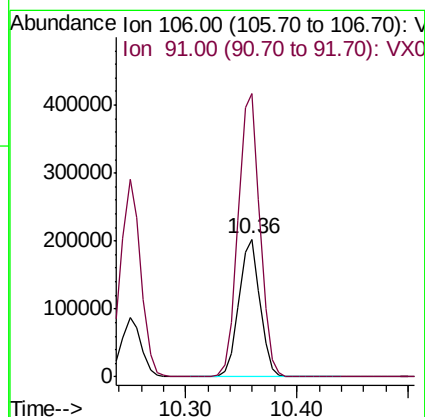
Acq: 19 Mar 2019 10:44

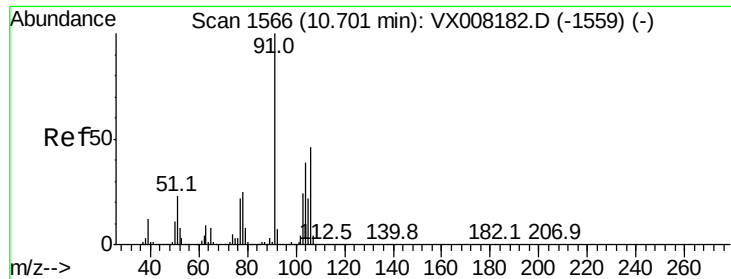
Tgt Ion: 106 Resp: 266239

Ion Ratio Lower Upper

106 100

91 211.5 159.8 239.6





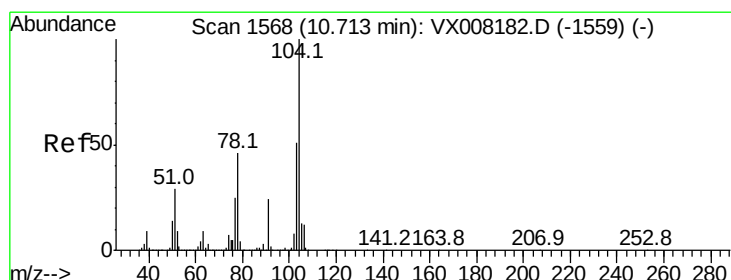
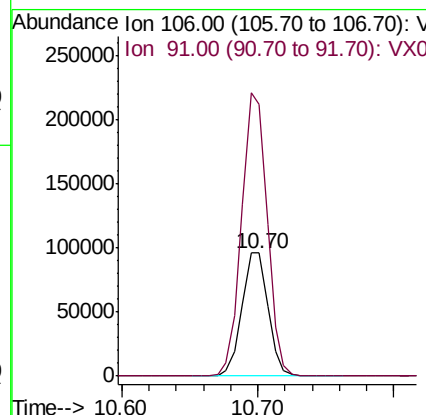
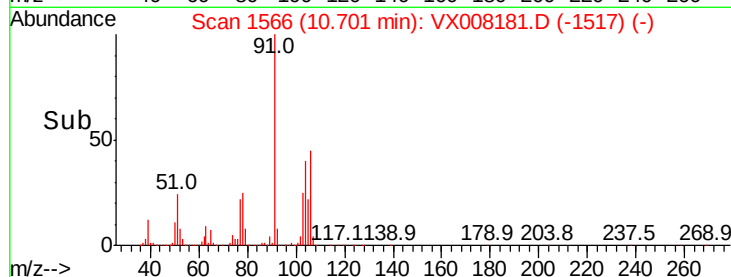
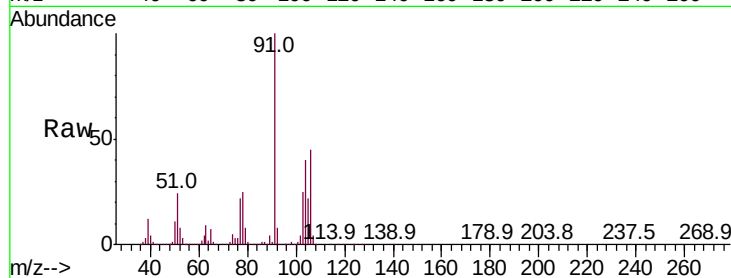
#69
o-Xylene
Concen: 17.838 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	225.8	106.3	318.9

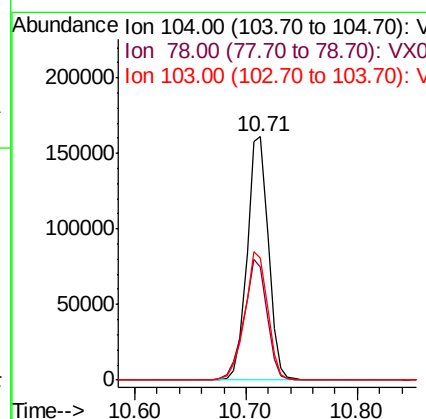
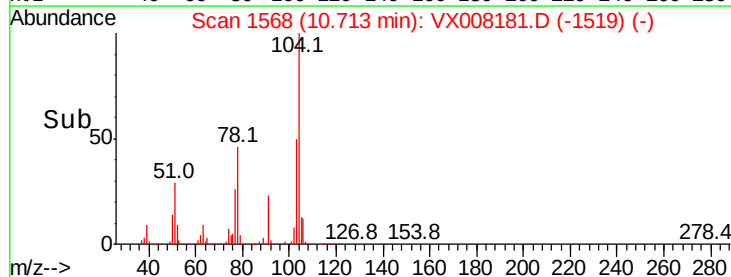
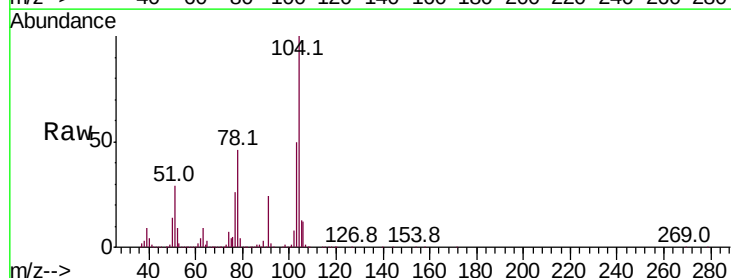
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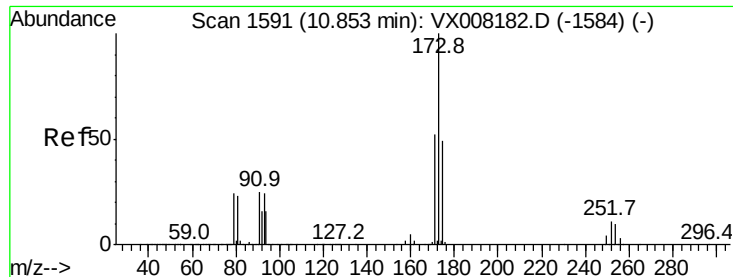
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#70
Styrene
Concen: 18.045 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.6	38.5	57.7
103	56.5	44.1	66.1





#71

Bromoform

Concen: 17.205 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion:173 Resp: 53365

Ion Ratio Lower Upper

173 100

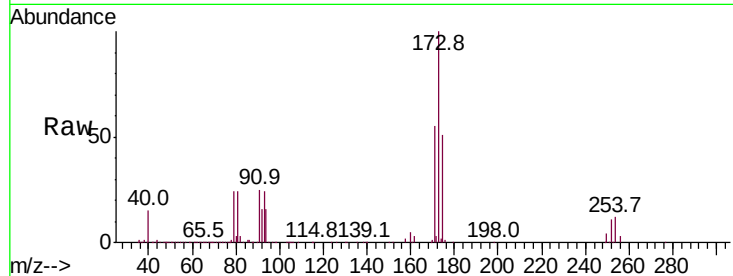
175 49.2 24.3 72.9

254 0.1 0.1 0.1

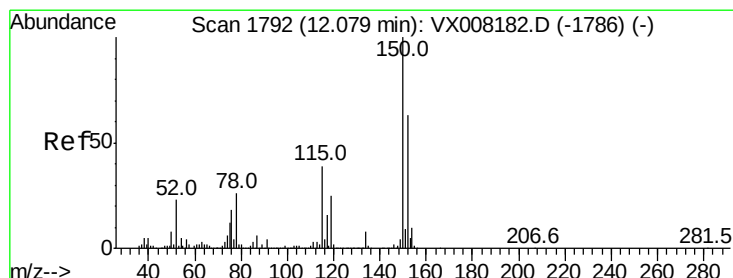
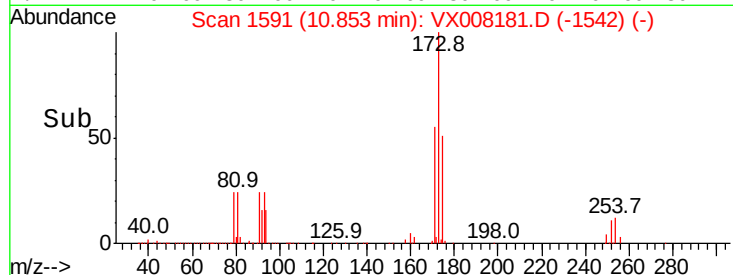
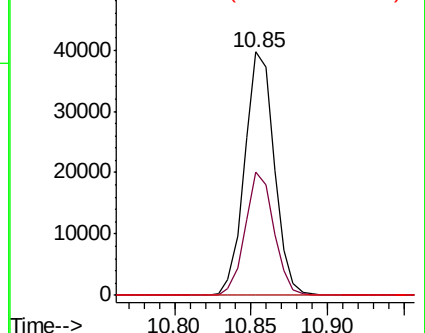
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

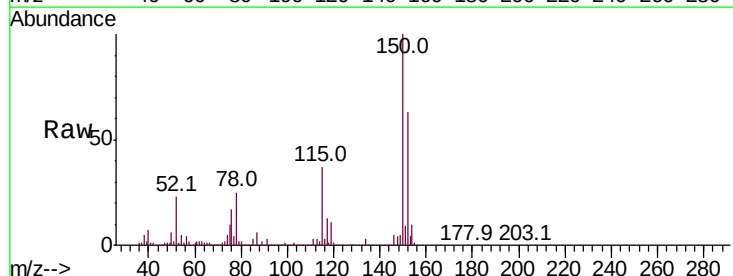
Tgt Ion:152 Resp: 192365

Ion Ratio Lower Upper

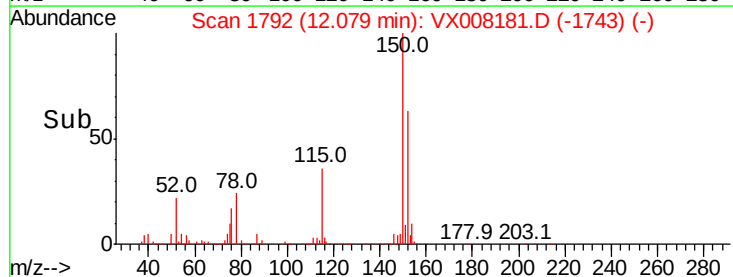
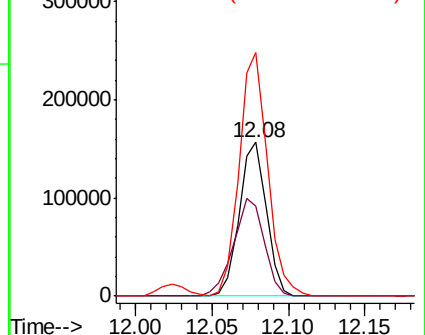
152 100

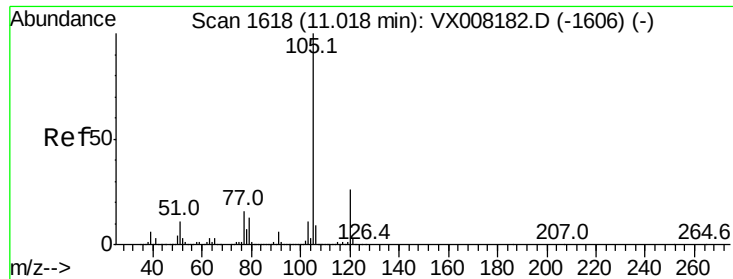
115 71.7 38.6 115.7

150 165.5 0.0 348.4



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





#73

Isopropylbenzene

Concen: 18.483 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 349446

Ion Ratio Lower Upper

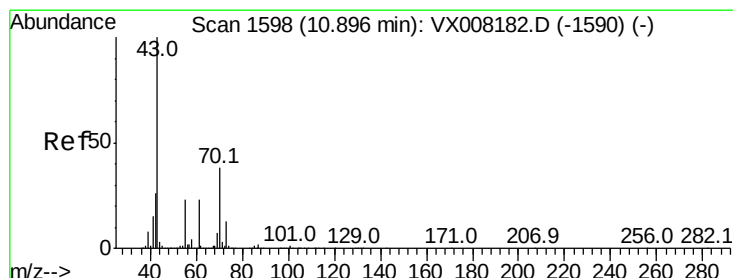
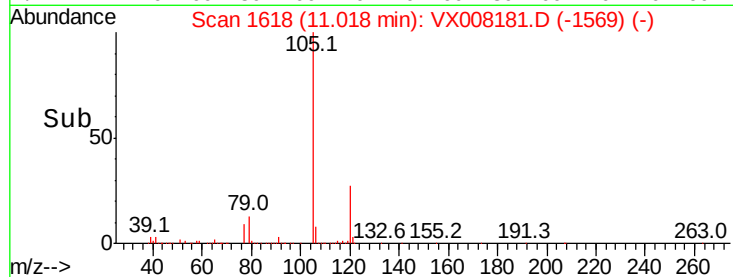
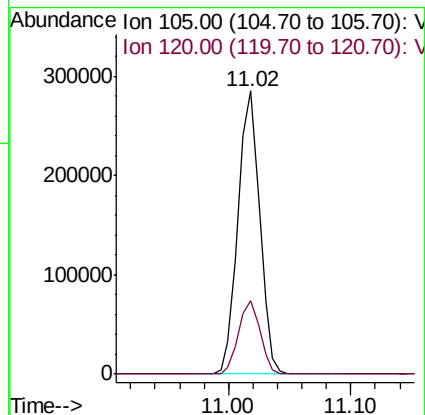
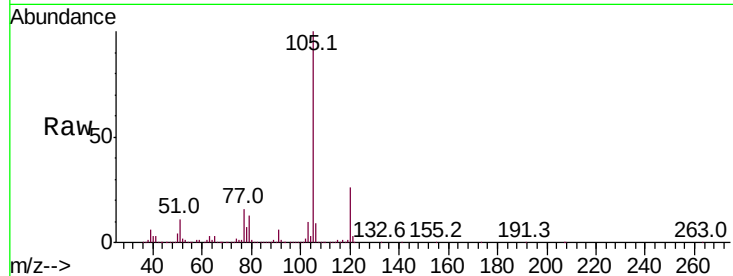
105 100

120 26.0 13.4 40.1

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#74

N-ethyl acetate

Concen: 18.359 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion: 43 Resp: 184611

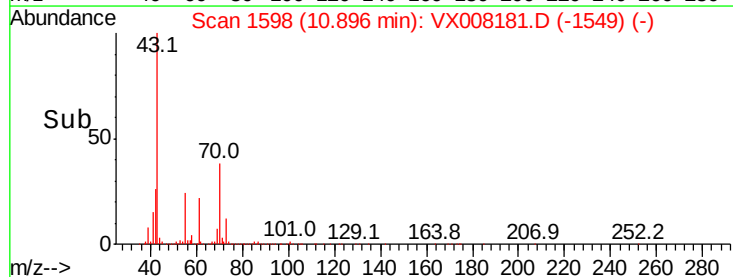
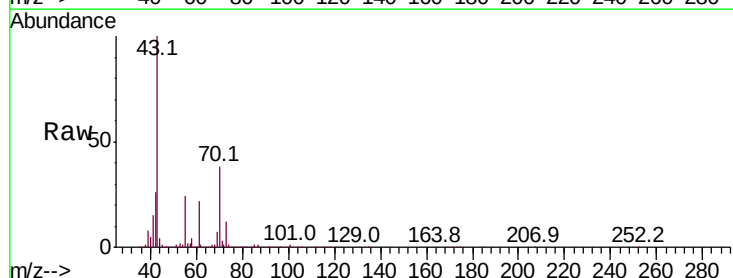
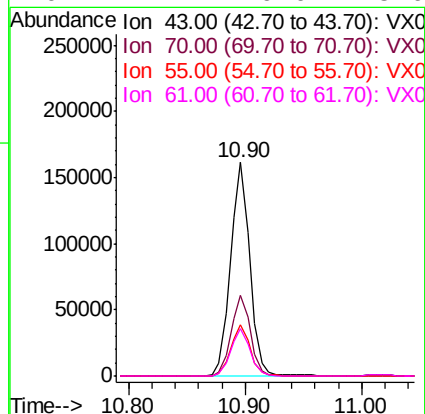
Ion Ratio Lower Upper

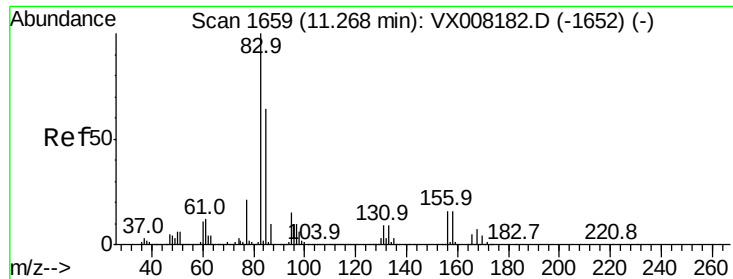
43 100

70 38.5 33.5 50.3

55 24.6 19.2 28.8

61 22.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.541 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 83 Resp: 126970

Ion Ratio Lower Upper

83 100

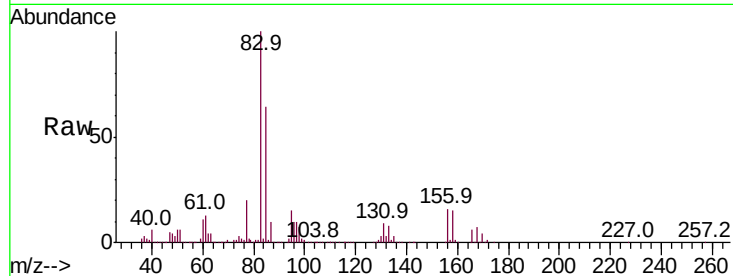
131 9.1 5.4 16.2

85 64.4 32.3 96.8

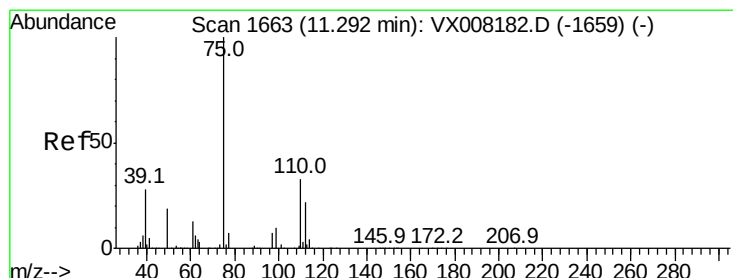
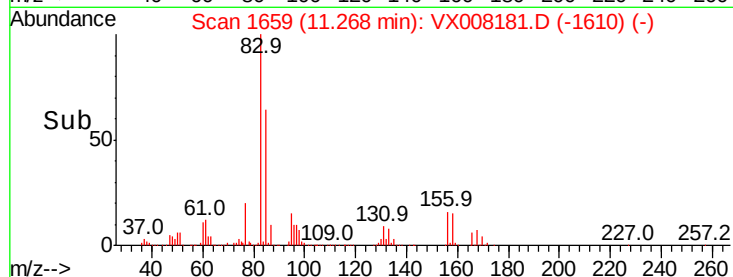
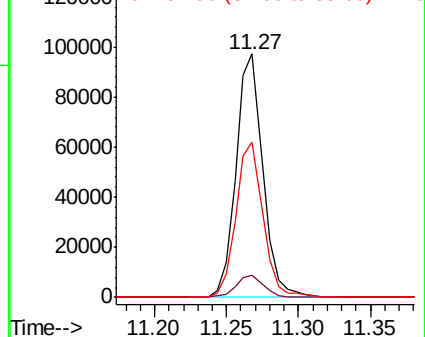
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.602 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008181.D

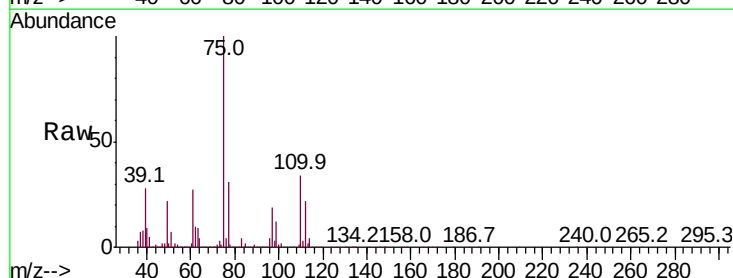
Acq: 19 Mar 2019 10:44

Tgt Ion: 75 Resp: 111958

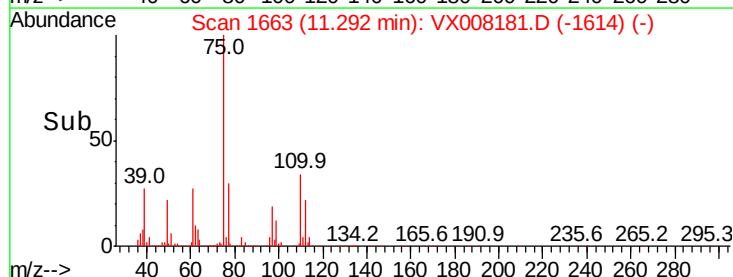
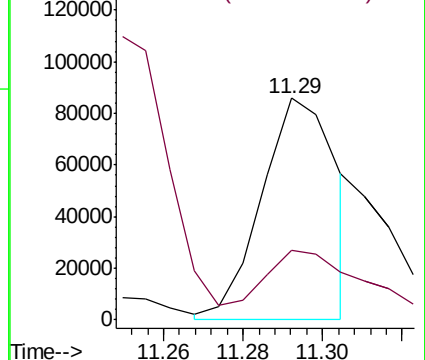
Ion Ratio Lower Upper

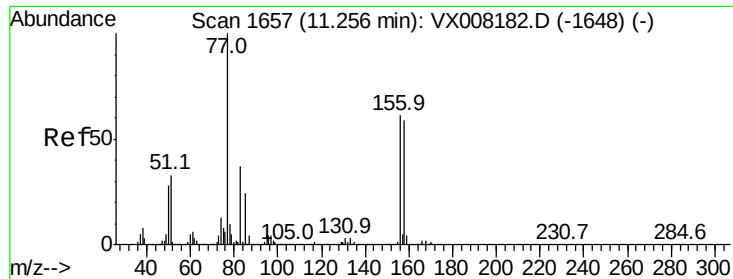
75 100

77 42.7 18.9 56.7



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





#77

Bromobenzene

Concen: 18.422 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:156 Resp: 81721

Ion Ratio Lower Upper

156 100

77 178.5 72.0 215.9

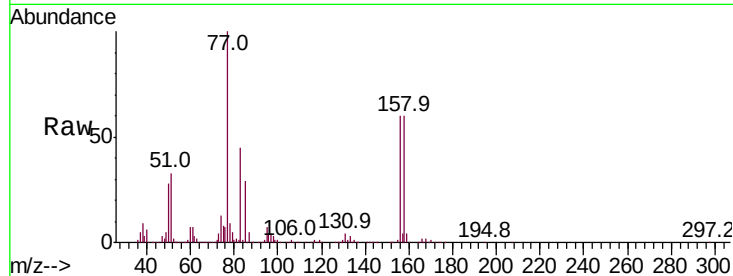
158 97.9 48.6 145.9

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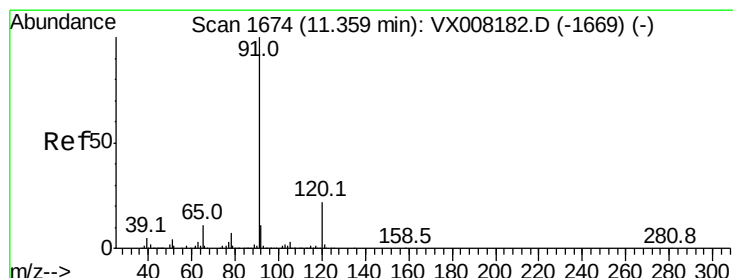
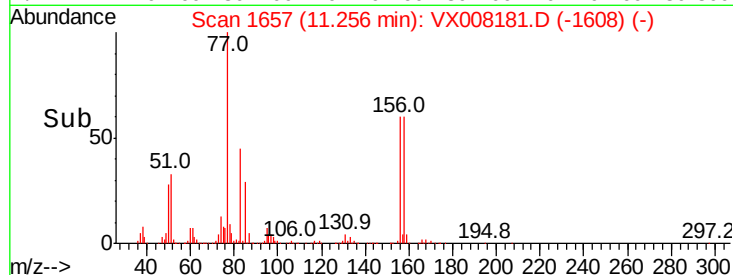
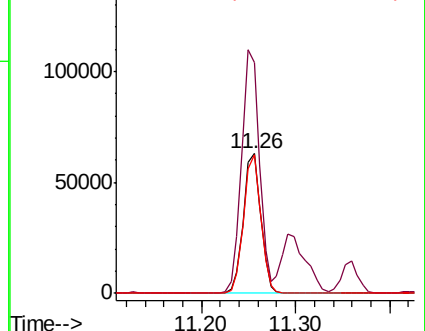
3/20/2019 10:26:46 AM



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: 18.047 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008181.D

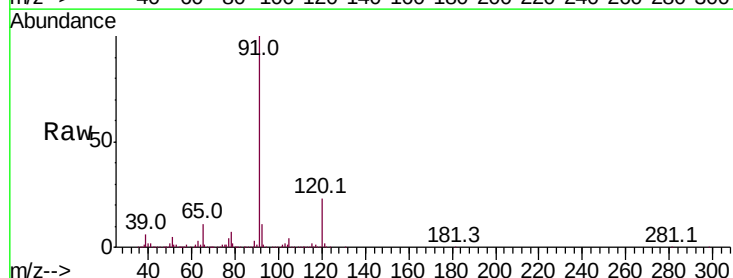
Acq: 19 Mar 2019 10:44

Tgt Ion: 91 Resp: 404600

Ion Ratio Lower Upper

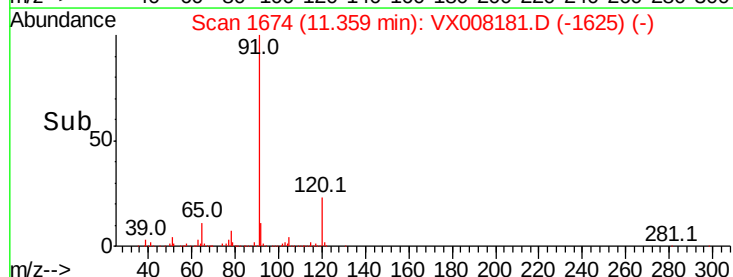
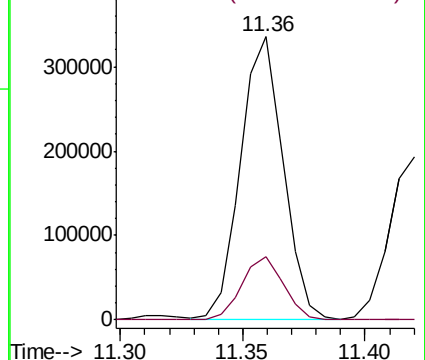
91 100

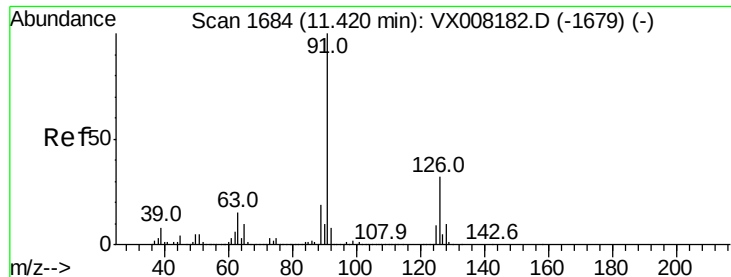
120 22.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.570 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 241869

Ion Ratio Lower Upper

91 100

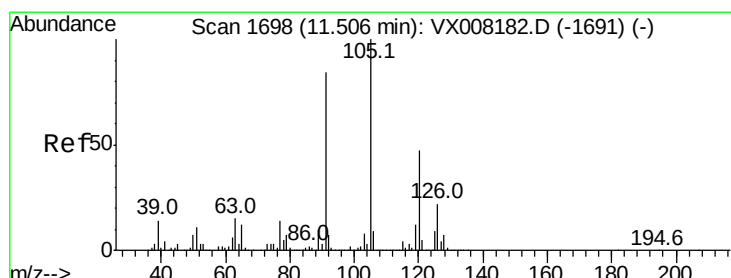
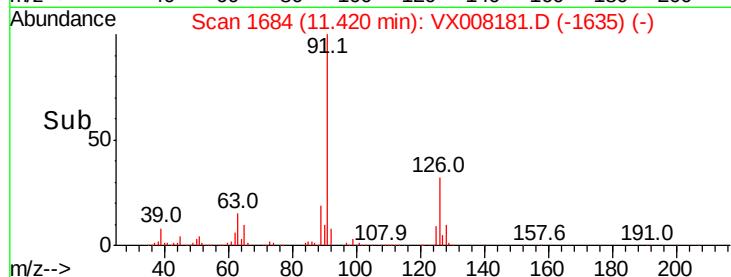
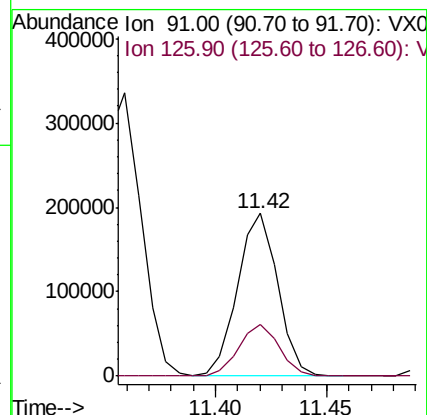
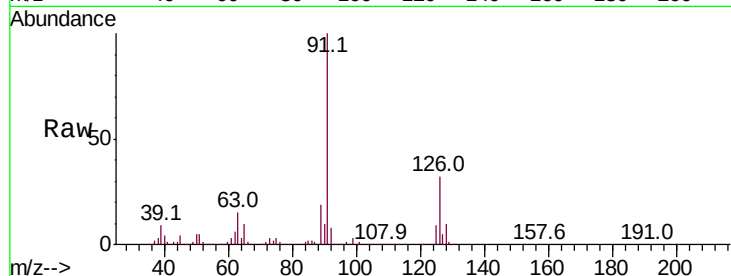
126 32.2 17.5 52.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.313 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008181.D

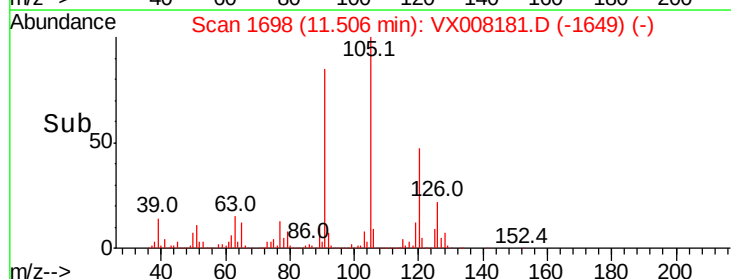
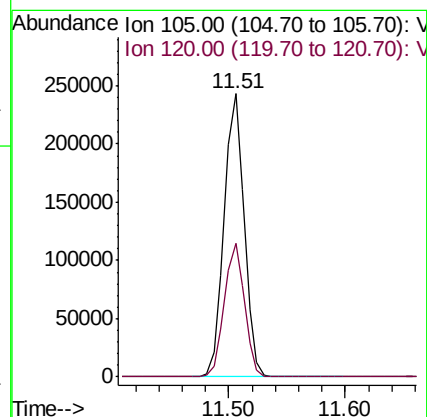
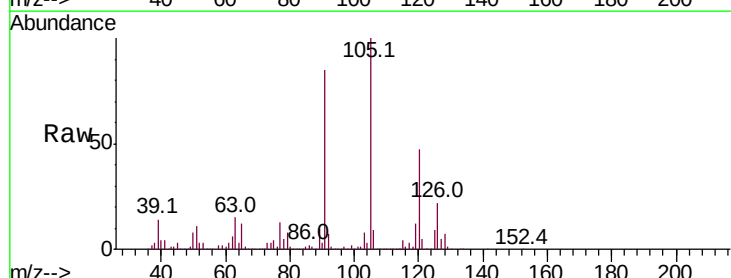
Acq: 19 Mar 2019 10:44

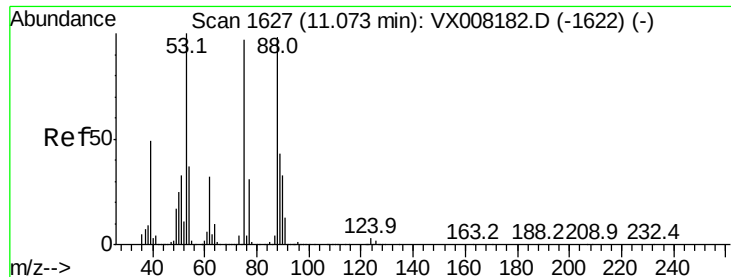
Tgt Ion: 105 Resp: 288420

Ion Ratio Lower Upper

105 100

120 47.5 24.9 74.6





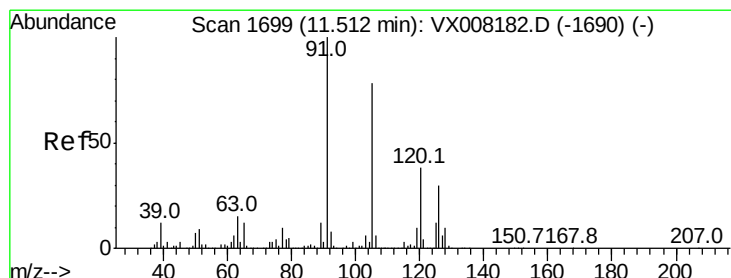
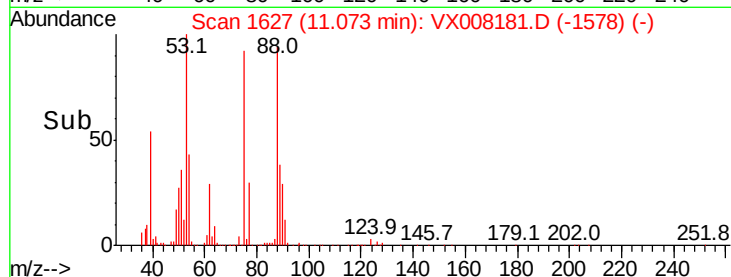
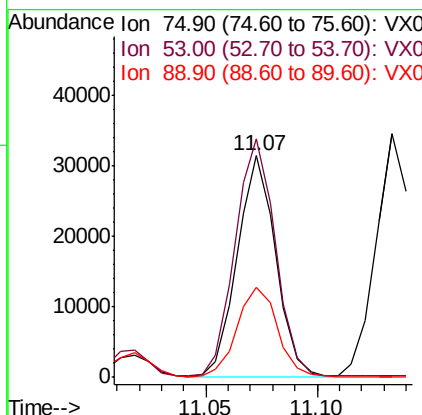
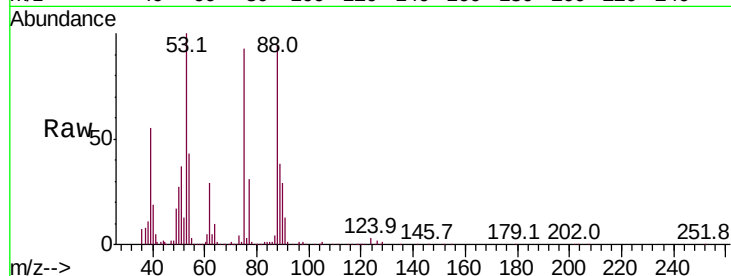
#81
trans-1,4-Dichloro-2-butene
Concen: 17.467 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.8	76.1	114.1
89	42.6	36.3	54.5

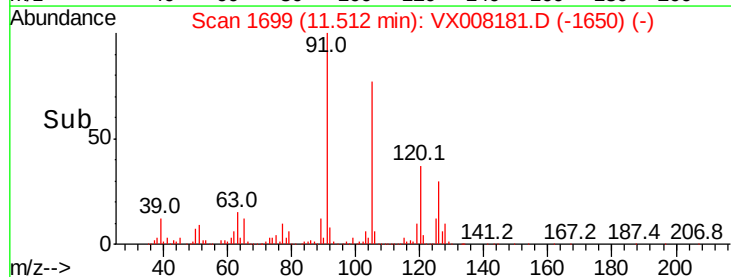
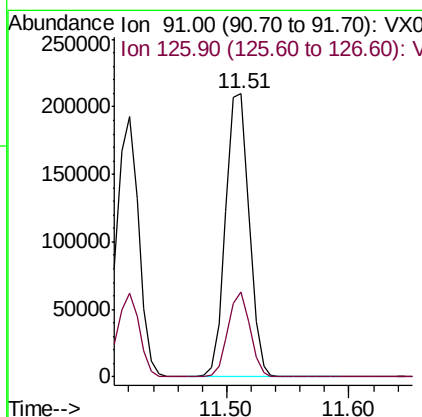
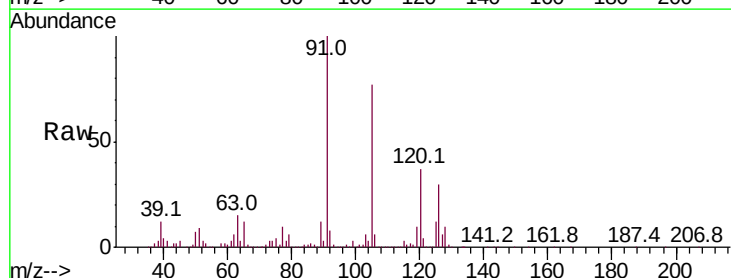
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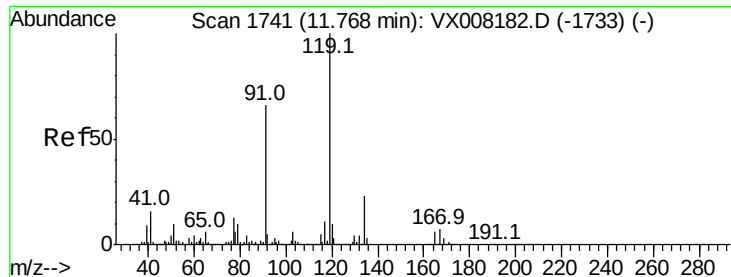
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#82
4-Chlorotoluene
Concen: 18.304 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.0	15.6	46.8





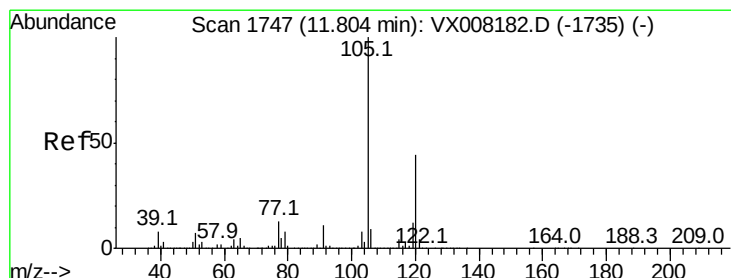
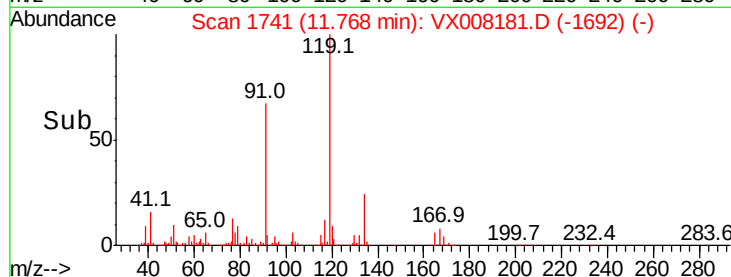
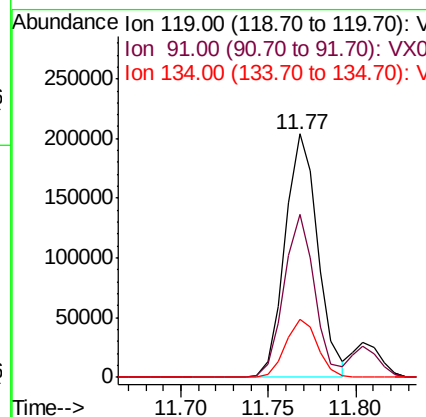
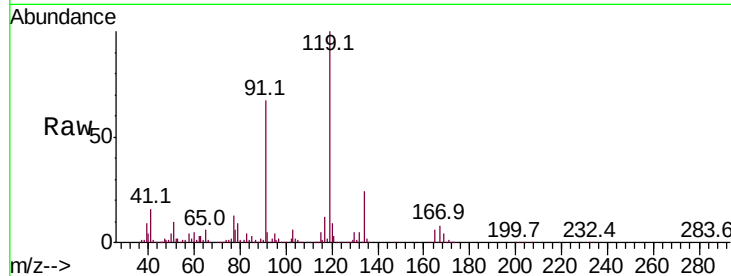
#83
tert-Butylbenzene
Concen: 18.044 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	266939		
91	62.9		27.1	81.3
134	23.3		11.4	34.1

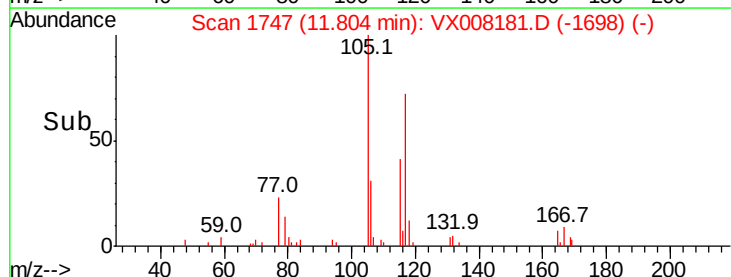
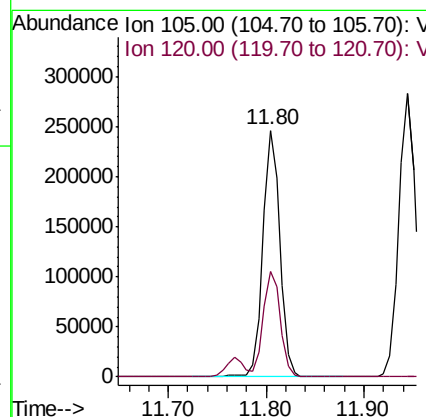
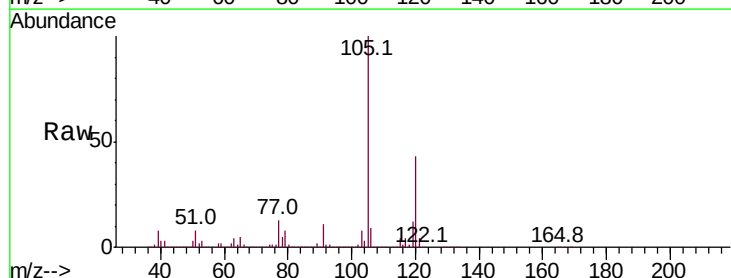
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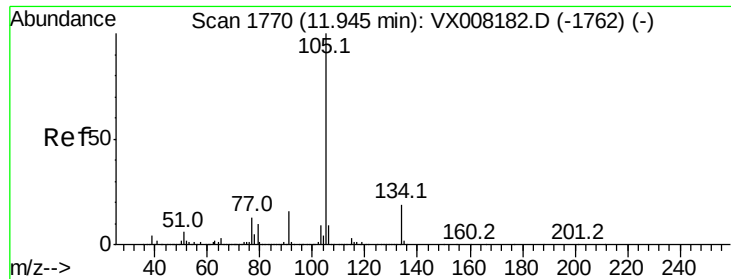
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#84
1,2,4-Trimethylbenzene
Concen: 18.422 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	295324		
120	42.9		22.6	67.7





#85

sec-Butylbenzene

Concen: 18.237 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 341030

Ion Ratio Lower Upper

105 100

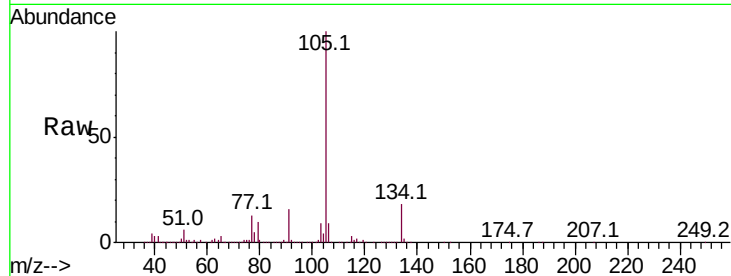
134 18.7 10.4 31.2

Manual Integrations

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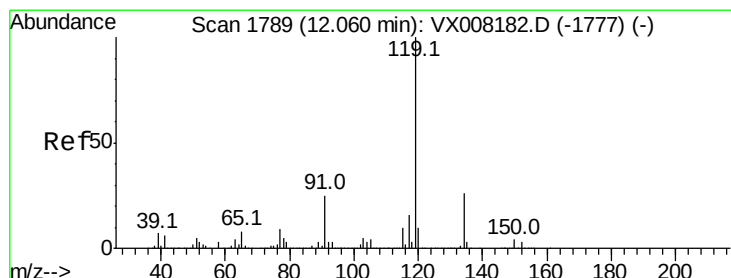
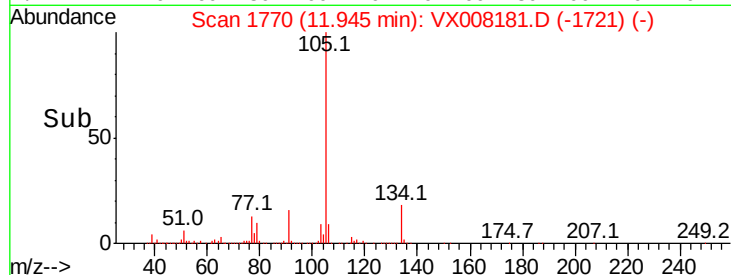
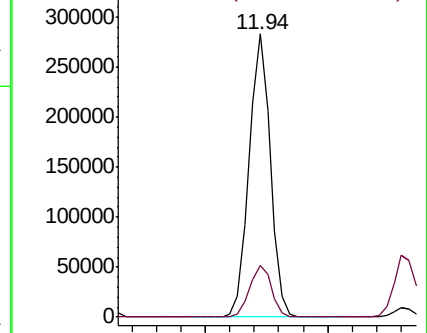
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.126 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

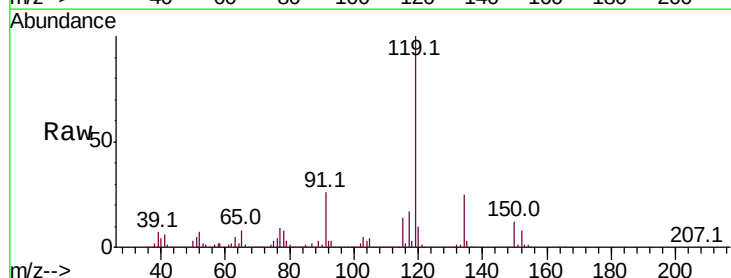
Tgt Ion:119 Resp: 293842

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

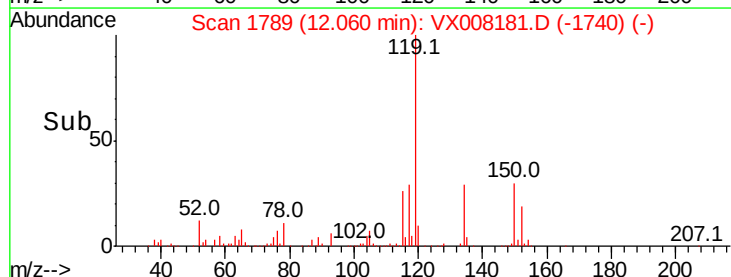
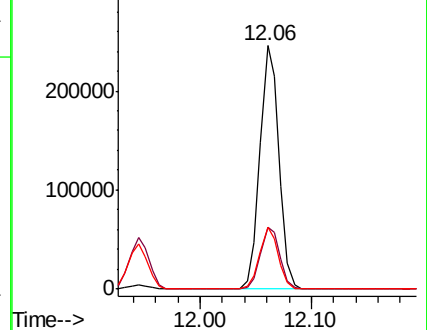
91 24.9 10.9 32.7

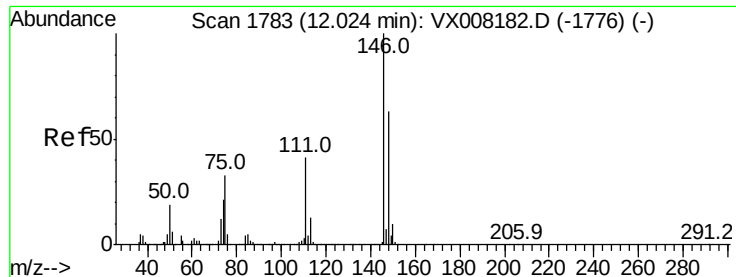


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.486 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

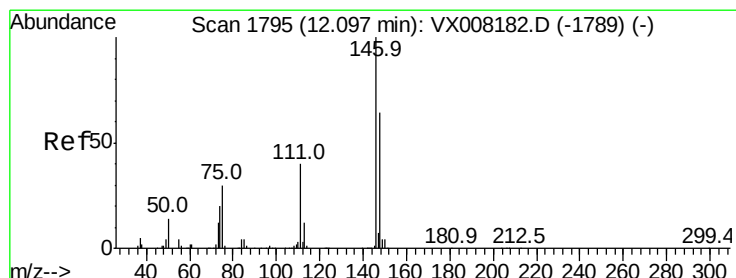
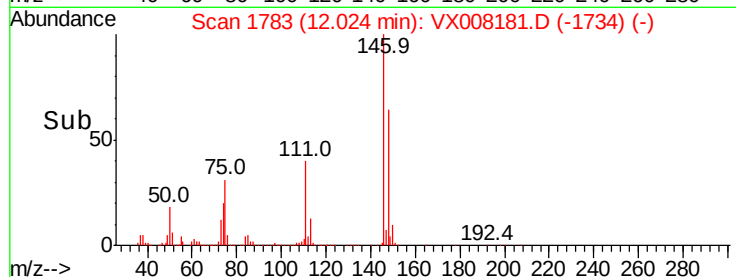
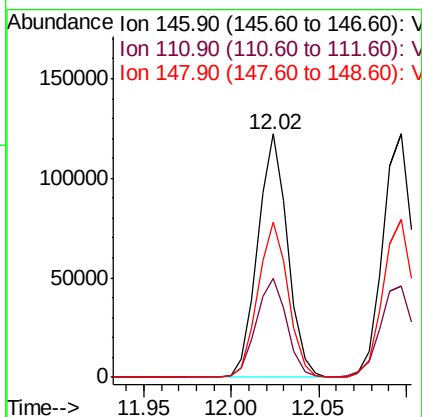
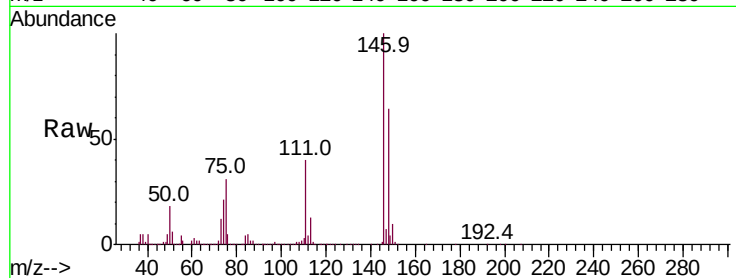
Instrument :
MSVOA_X

ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	146663		
111	41.5	18.9	56.7	
148	64.3	31.7	95.1	

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#88

1,4-Dichlorobenzene

Concen: 18.656 ug/l

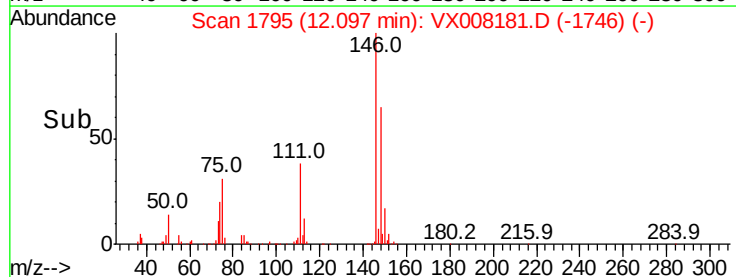
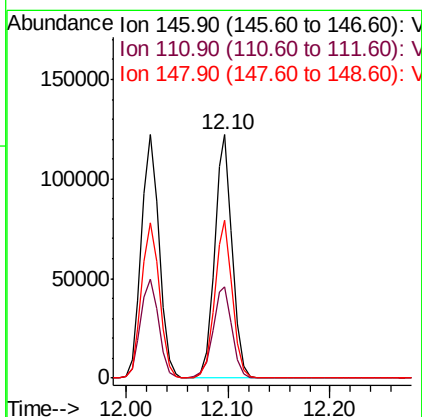
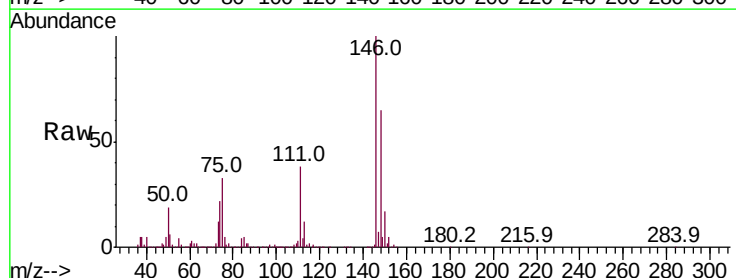
RT: 12.10 min Scan# 1795

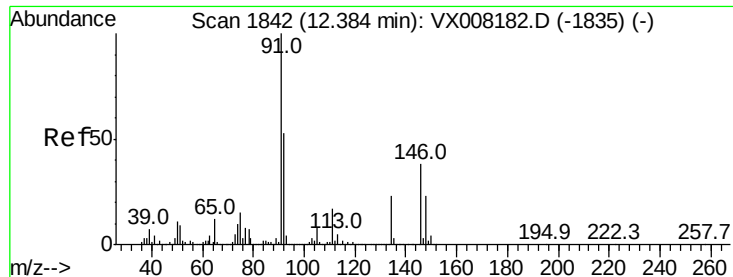
Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	148179		
111	40.7	18.4	55.0	
148	64.6	32.2	96.6	





#89

n-Butylbenzene

Concen: 17.352 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

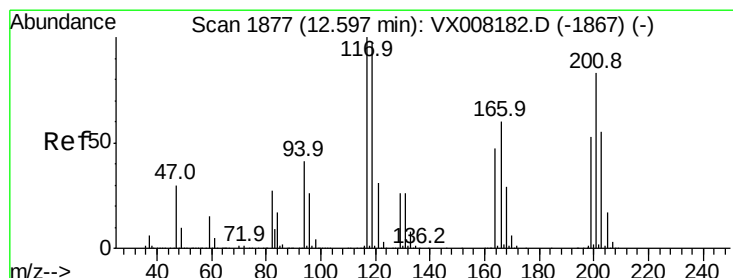
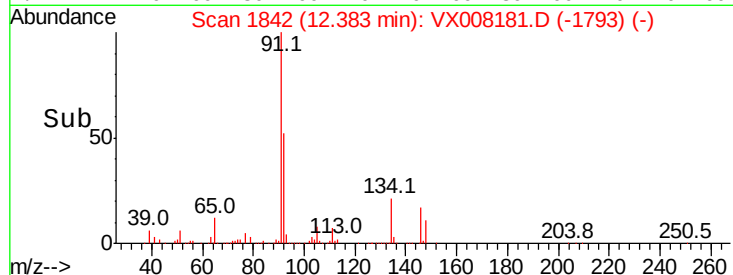
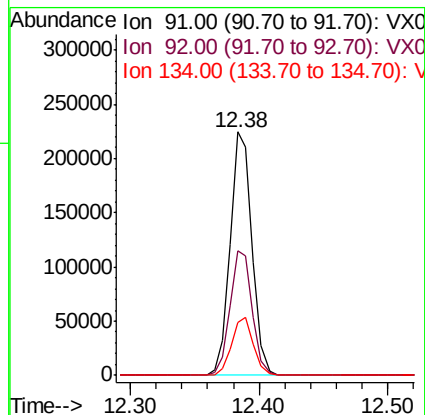
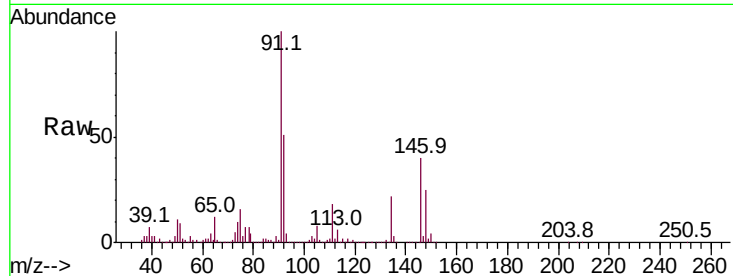
ClientSampleId :

VSTDIC020

Tot Ion:	91	Resp:	267475
Ion Ratio	Lower	Upper	
91	100		
92	52.1	27.0	80.8
134	23.6	13.7	41.0

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#90

Hexachloroethane

Concen: 17.604 ug/l

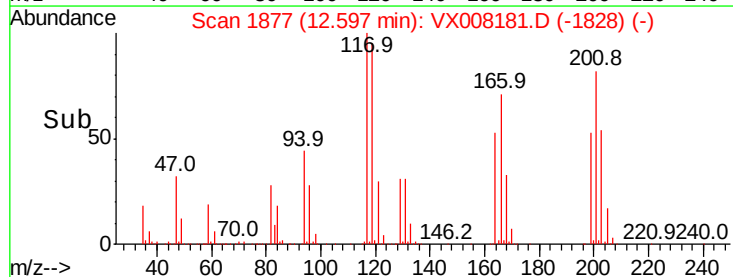
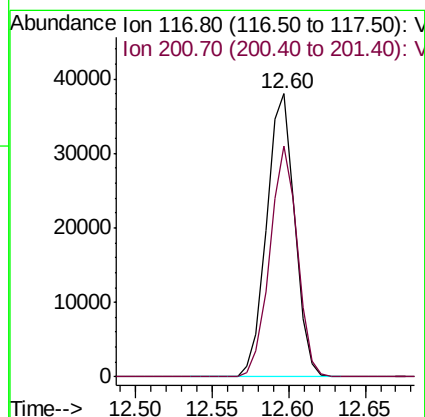
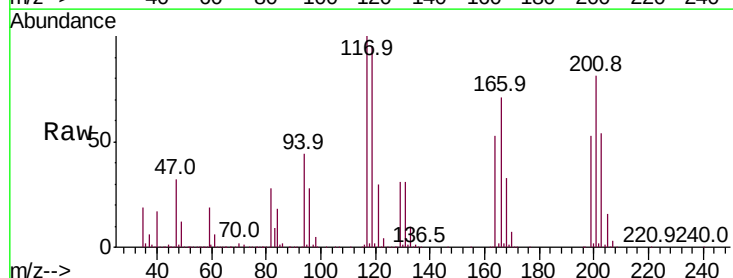
RT: 12.60 min Scan# 1877

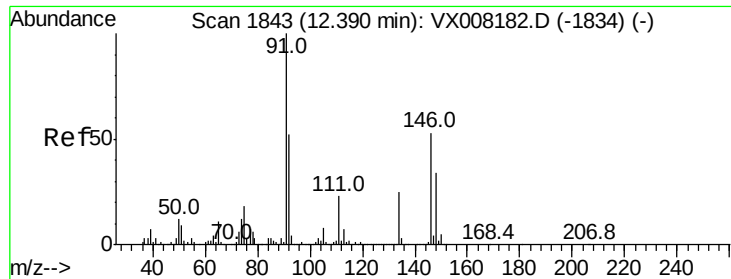
Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion:	117	Resp:	49062
Ion Ratio	Lower	Upper	
117	100		
201	79.5	48.9	146.7





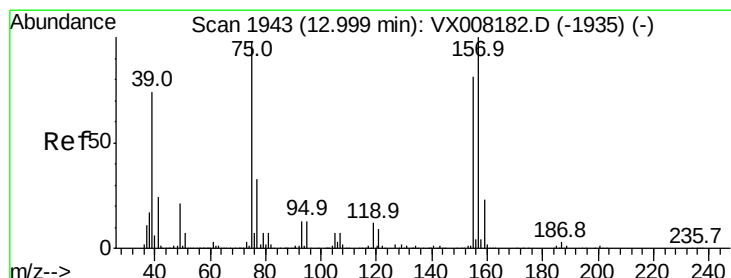
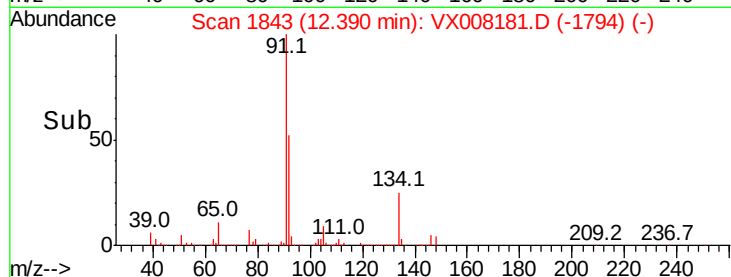
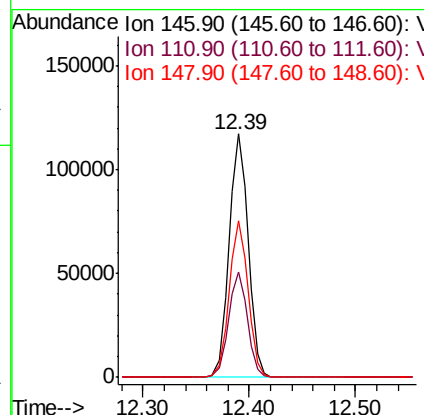
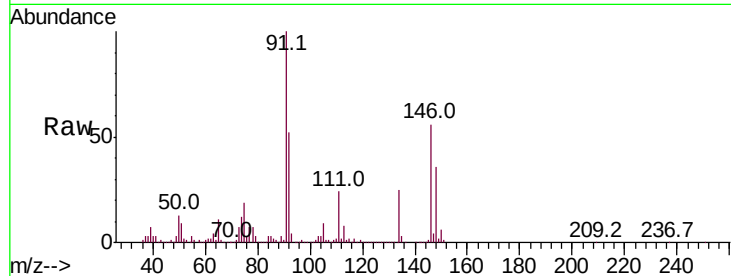
#91
 1,2-Dichlorobenzene
 Concen: 18.664 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	19.6	58.8
148	63.5	31.9	95.5

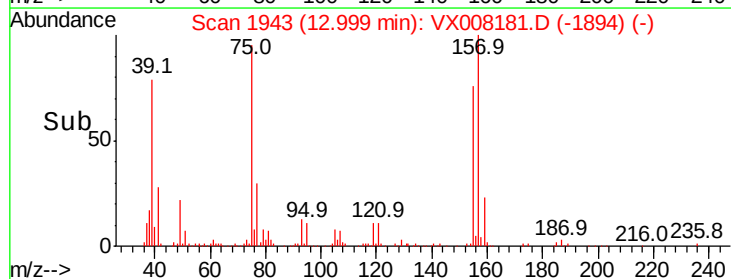
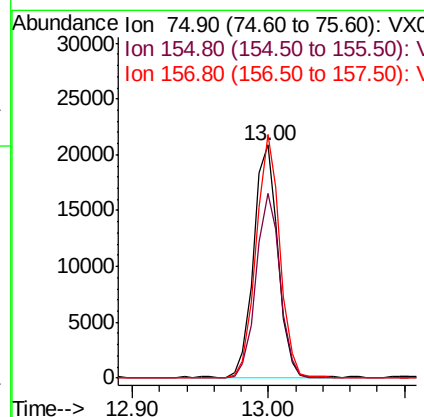
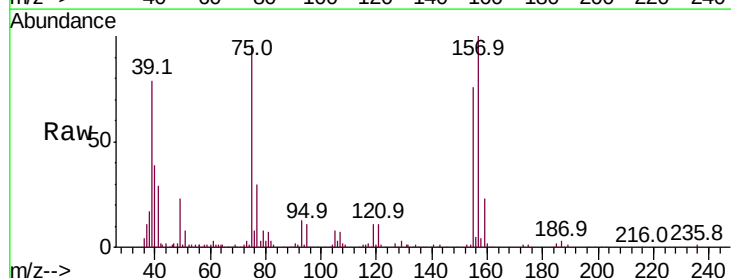
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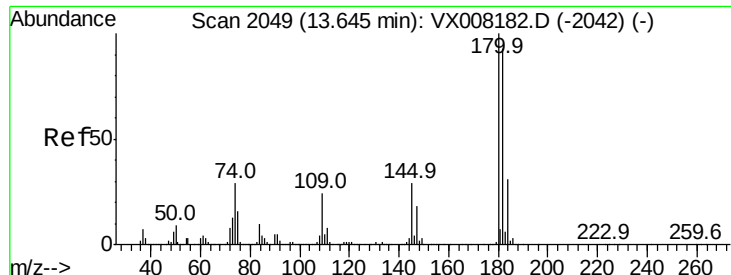
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.947 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	49.7	149.1
157	101.1	63.8	191.4





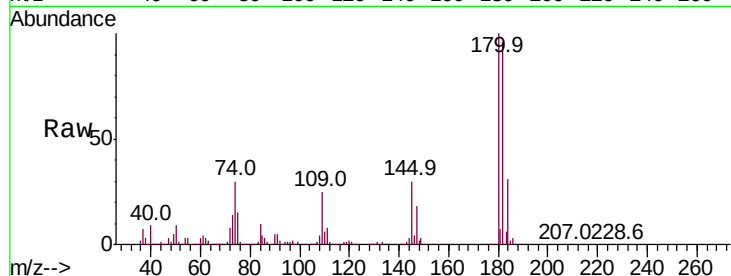
#93
1,2,4-Trichlorobenzene
Concen: 17.585 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	47.9	143.7	
145	30.7	14.1	42.4	

Manual Integrations
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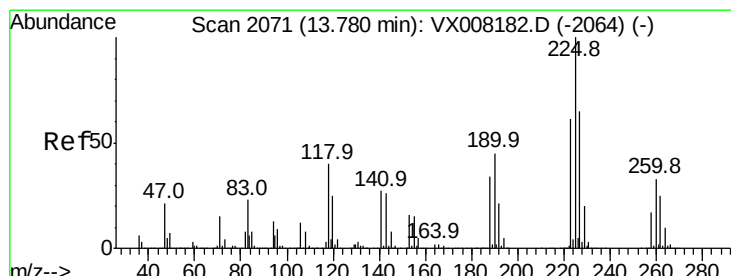
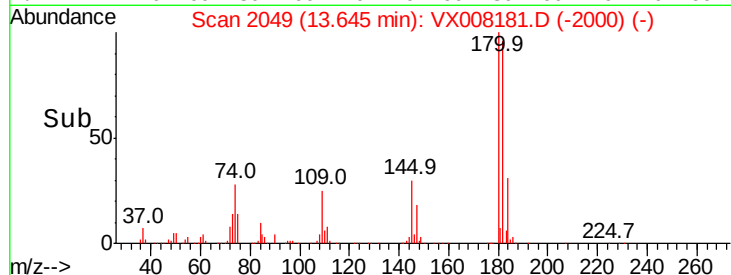
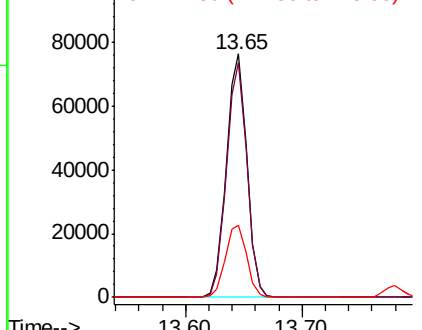


Abundance

Ion 179.80 (179.50 to 180.50): V

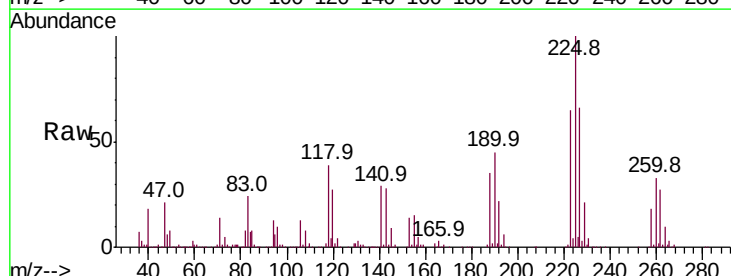
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 18.382 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	31.1	93.2	
227	64.2	32.0	96.0	

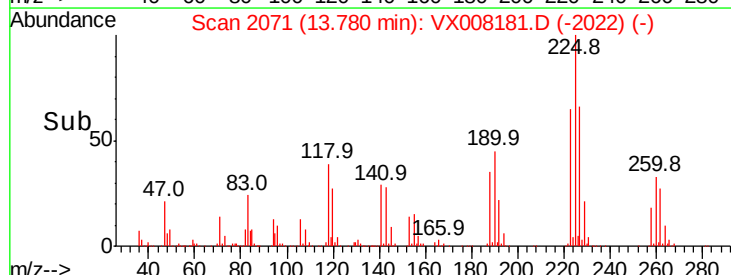
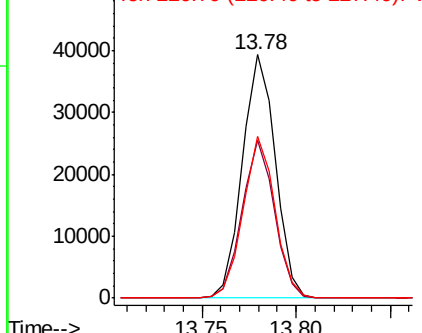


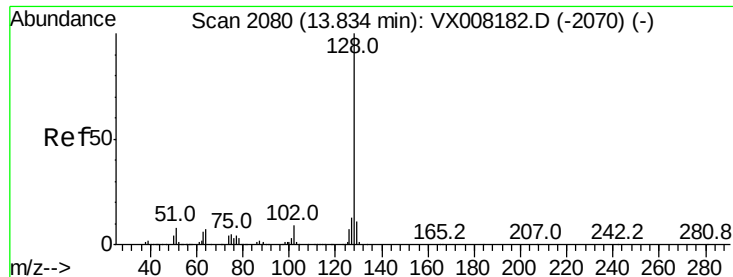
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.479 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

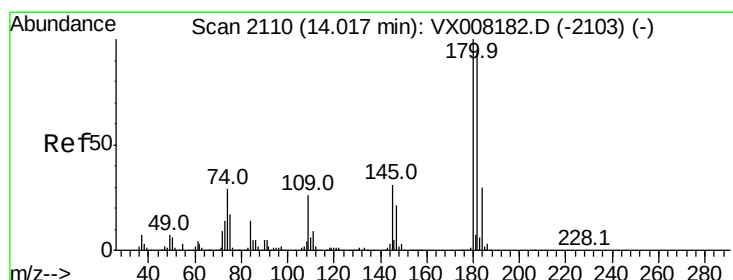
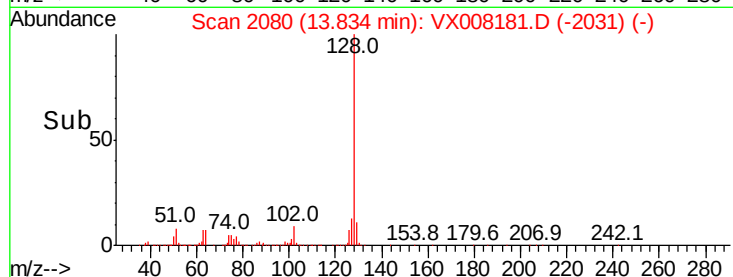
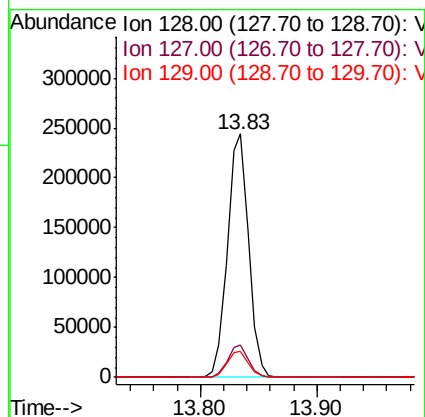
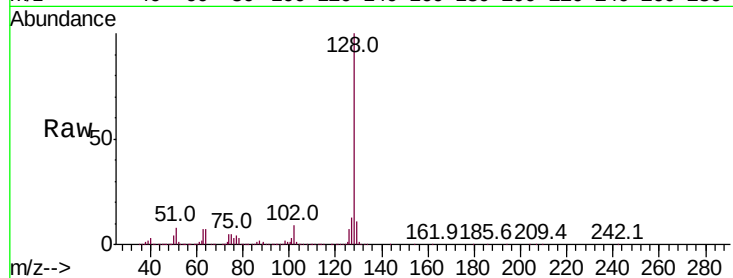
ClientSampleId :

VSTDIC020

Tot Ion:	128	Resp:	306270
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/20/2019 10:26:46 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.864 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion:	180	Resp:	94126
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.5	142.5
145	32.8	14.8	44.3

