

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009910.D
 Acq On : 28 May 2019 12:40
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 9:25:04 AM

Quant Time: May 29 04:02:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	1834	1.098	ug/l	81
3) Chloromethane	1.33	50	3098	1.399	ug/l	93
4) Vinyl Chloride	1.41	62	2648	1.239	ug/l	99
6) Chloroethane	1.73	64	1714	1.270	ug/l	95
7) Trichlorofluoromethane	1.93	101	3017	1.180	ug/l	96
8) Diethyl Ether	2.19	74	1457	1.218	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1971	1.242	ug/l	97
12) 1,1-Dichloroethene	2.37	96	1903	1.198	ug/l	89
14) Allyl chloride	2.73	41	4181	1.073	ug/l	98
15) Acrylonitrile	3.15	53	7739	5.910	ug/l	97
16) Acetone	2.45	43	7346	5.872	ug/l	97
17) Carbon Disulfide	2.57	76	8068	1.785	ug/l #	95
18) Methyl Acetate	2.78	43	4026	1.366	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	6546	1.066	ug/l	99
20) Methylene Chloride	2.86	84	2407	1.202	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	2339	1.361	ug/l	96
22) Diisopropyl ether	3.85	45	7753	1.040	ug/l #	83
23) Vinyl Acetate	3.82	43	33980	5.300	ug/l	96
24) 1,1-Dichloroethane	3.70	63	4020	1.096	ug/l #	91
25) 2-Butanone	4.68	43	10739	5.536	ug/l	98
26) 2,2-Dichloropropane	4.59	77	2925	1.070	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	2666	1.304	ug/l	97
28) Bromochloromethane	5.01	49	2521	1.517	ug/l #	22
29) Tetrahydrofuran	5.14	42	6960	5.588	ug/l	98
30) Chloroform	5.21	83	3600	1.088	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	2737	0.991	ug/l #	46
36) 1,1-Dichloropropene	5.81	75	3376	1.321	ug/l	94
37) Ethyl Acetate	4.85	43	3666	1.023	ug/l #	85
38) Carbon Tetrachloride	5.79	117	2454	1.058	ug/l #	80
39) Methylcyclohexane	7.46	83	3511	1.115	ug/l	90
40) Benzene	6.15	78	8382	1.063	ug/l #	87
41) Methacrylonitrile	5.06	41	2499	1.178	ug/l #	60
42) 1,2-Dichloroethane	6.20	62	3312	1.166	ug/l	98
43) Isopropyl Acetate	6.45	43	6261	1.096	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	2383	1.251	ug/l	85
45) 1,2-Dichloropropane	7.51	63	2508	1.123	ug/l	98
46) Dibromomethane	7.66	93	1694	1.307	ug/l	90
47) Bromodichloromethane	7.90	83	2541	0.985	ug/l #	93
48) Methyl methacrylate	7.77	41	2852	1.003	ug/l	92
49) 1,4-Dioxane	7.74	88	1179	20.721	ug/l #	69
51) 4-Methyl-2-Pentanone	8.64	43	20047	5.355	ug/l	95
52) Toluene	8.79	92	5098	1.063	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	3078	1.048	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	3290	1.016	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	2077	1.067	ug/l	96
56) Ethyl methacrylate	9.18	69	3070	0.877	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	3714	1.079	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	8344	4.541	ug/l	99
59) 2-Hexanone	9.49	43	14217	4.840	ug/l	97
60) Dibromochloromethane	9.58	129	1746	0.915	ug/l	90
61) 1,2-Dibromoethane	9.67	107	2085	1.059	ug/l	99
64) Tetrachloroethene	9.34	164	1895	1.131	ug/l	92
65) Chlorobenzene	10.14	112	5586	1.145	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	1646	0.931	ug/l #	65
67) Ethyl Benzene	10.25	91	8938	0.995	ug/l	100
68) m/p-Xylenes	10.36	106	6691	2.036	ug/l	96
69) o-Xylene	10.70	106	3150	0.972	ug/l	99
70) Styrene	10.71	104	5394	0.960	ug/l	98
71) Bromoform	10.85	173	1189	0.827	ug/l #	96
73) Isopropylbenzene	11.02	105	8495	1.061	ug/l	99
74) N-amyl acetate	10.90	43	4478	0.956	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	3238	1.090	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	2813m	1.101	ug/l	
77) Bromobenzene	11.26	156	2491	1.255	ug/l	87
78) n-propylbenzene	11.36	91	9426	1.029	ug/l	98
79) 2-Chlorotoluene	11.42	91	6130	1.084	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	6649	0.985	ug/l	94
82) 4-Chlorotoluene	11.51	91	7236	1.132	ug/l	99
83) tert-Butylbenzene	11.77	119	6324	0.965	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	6889	1.017	ug/l	97
85) sec-Butylbenzene	11.94	105	7846	1.010	ug/l	99
86) p-Isopropyltoluene	12.06	119	6555	0.937	ug/l	87
87) 1,3-Dichlorobenzene	12.02	146	4261	1.205	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	4602m	1.290	ug/l	
89) n-Butylbenzene	12.38	91	6682	1.052	ug/l	98
90) Hexachloroethane	12.60	117	1117	0.939	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	3991	1.112	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	769	1.155	ug/l	88
93) 1,2,4-Trichlorobenzene	13.65	180	2994	1.216	ug/l	95
94) Hexachlorobutadiene	13.79	225	1534	1.217	ug/l	97
95) Naphthalene	13.83	128	8300	1.044	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	3012	1.210	ug/l	96

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MSVOA_X
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VSTDICC001

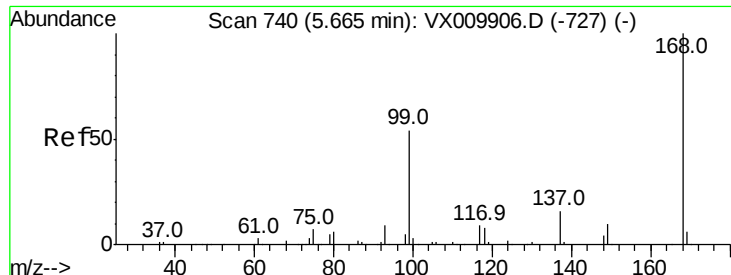
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 167665

Ion Ratio Lower Upper

168 100

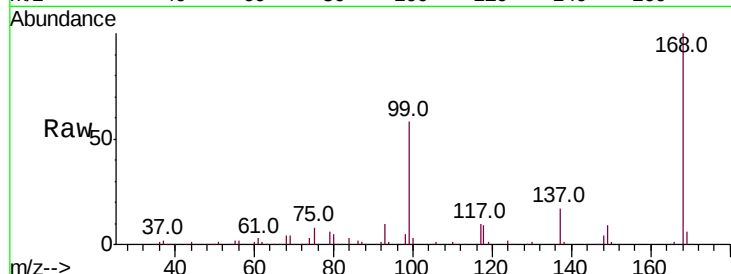
99 57.9 43.0 64.6

Manual Integrations

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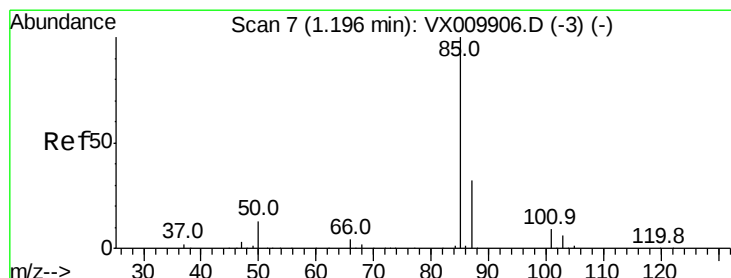
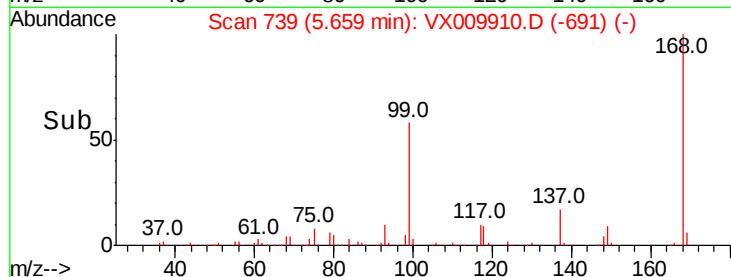
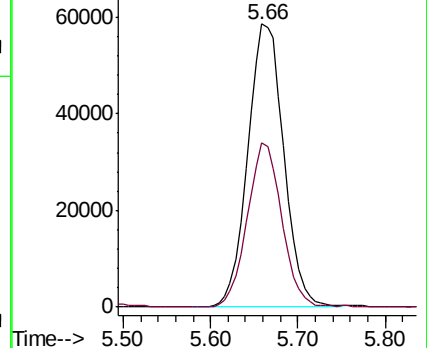
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.098 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX009910.D

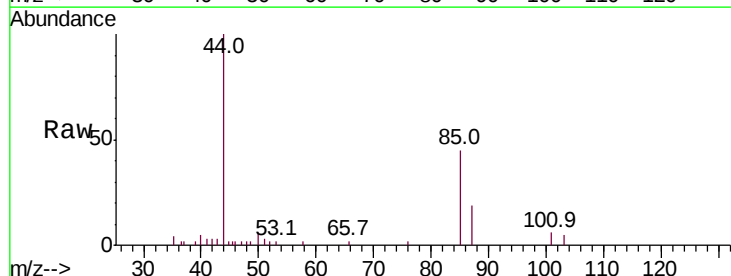
Acq: 28 May 2019 12:40

Tgt Ion: 85 Resp: 1834

Ion Ratio Lower Upper

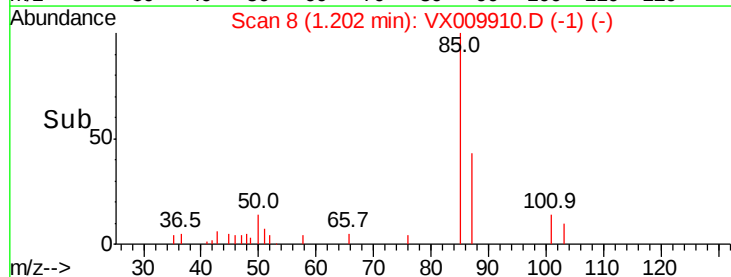
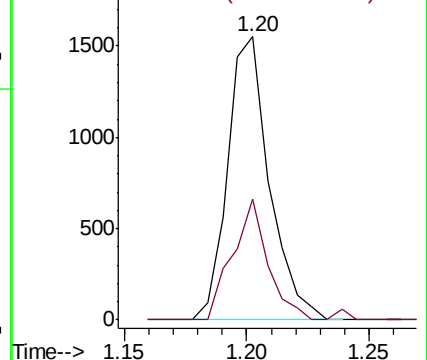
85 100

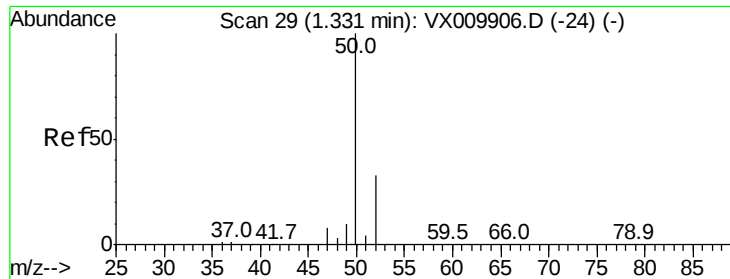
87 42.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.399 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3098

Ion Ratio Lower Upper

50 100

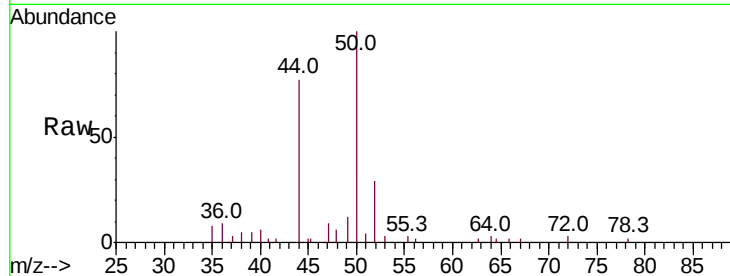
52 28.8 26.0 39.0

Manual Integrations

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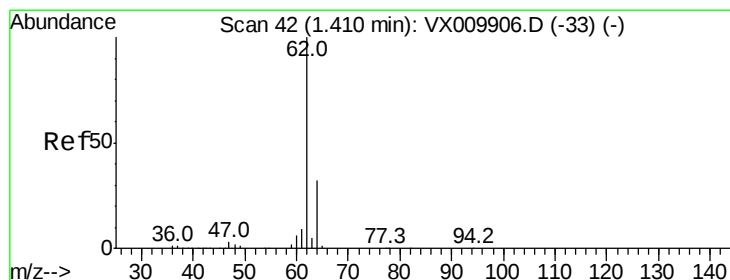
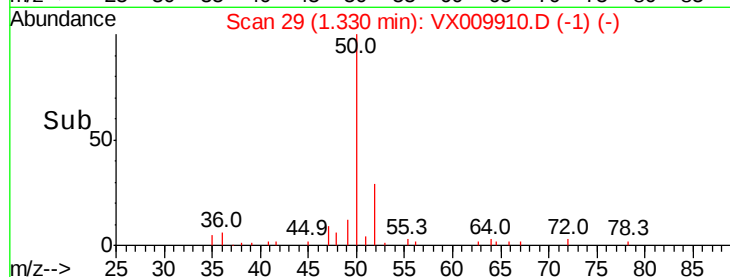
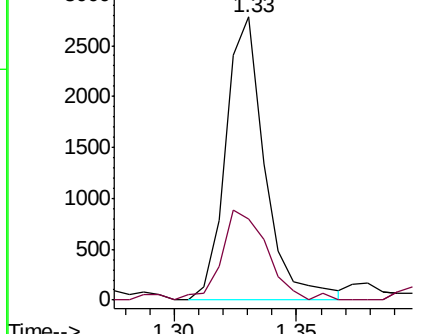
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.239 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009910.D

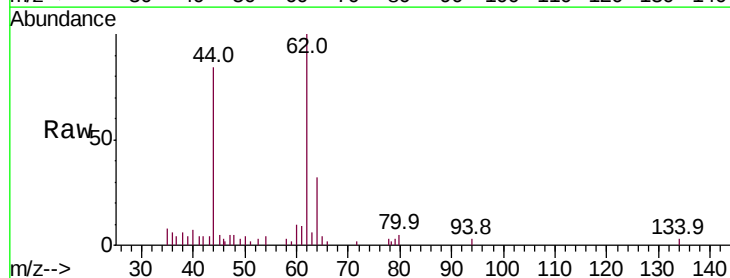
Acq: 28 May 2019 12:40

Tgt Ion: 62 Resp: 2648

Ion Ratio Lower Upper

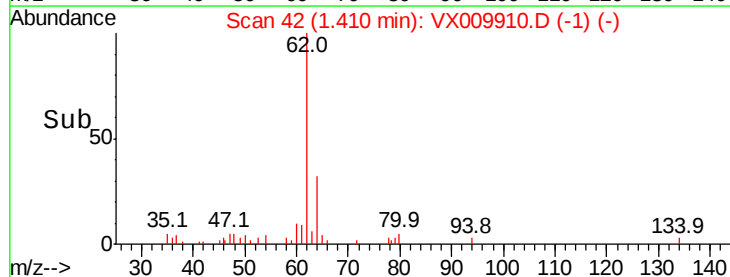
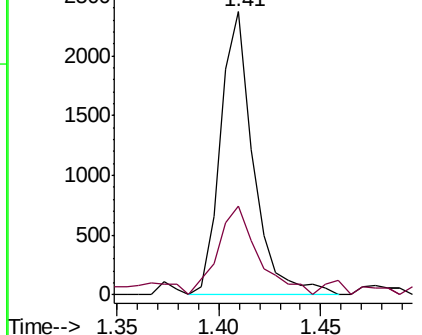
62 100

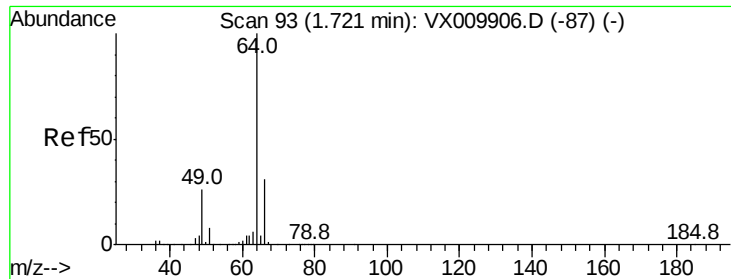
64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 1.270 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.01 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1714

Ion Ratio Lower Upper

64 100

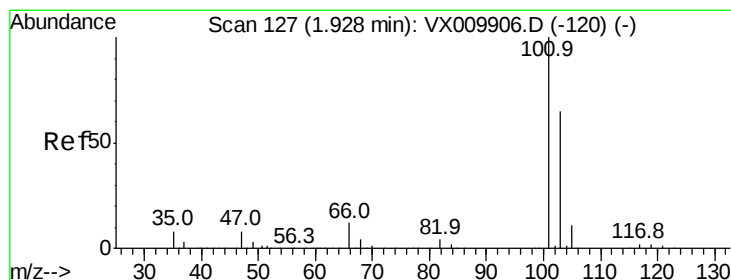
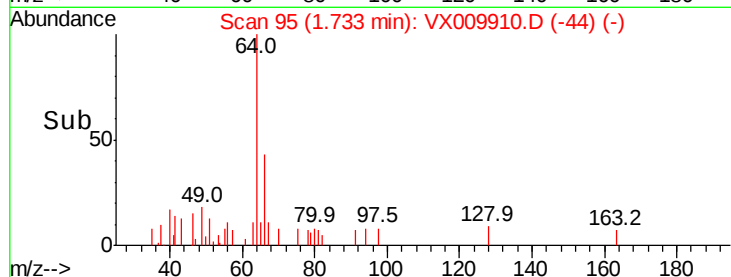
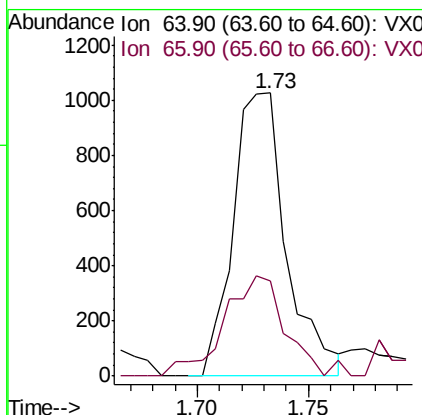
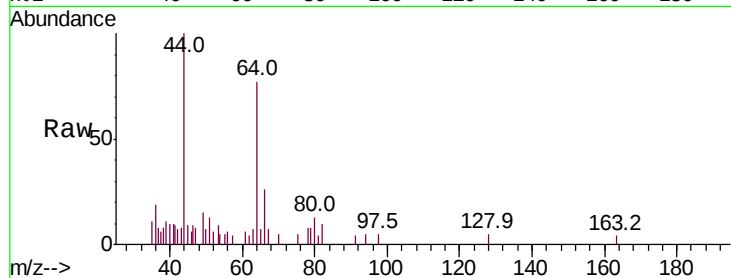
66 28.8 25.1 37.7

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.180 ug/l

RT: 1.93 min Scan# 127

Delta R.T. -0.00 min

Lab File: VX009910.D

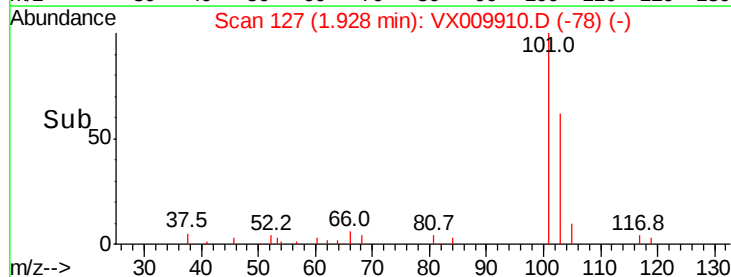
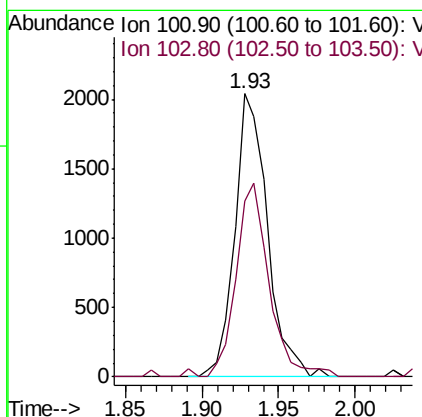
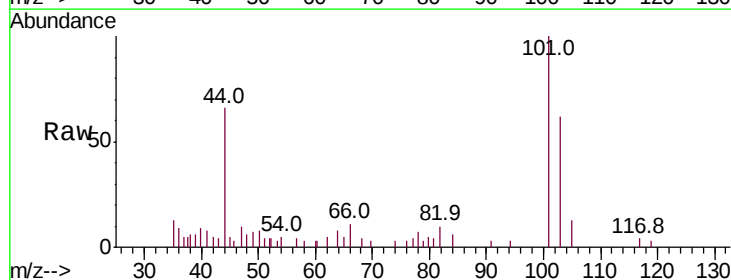
Acq: 28 May 2019 12:40

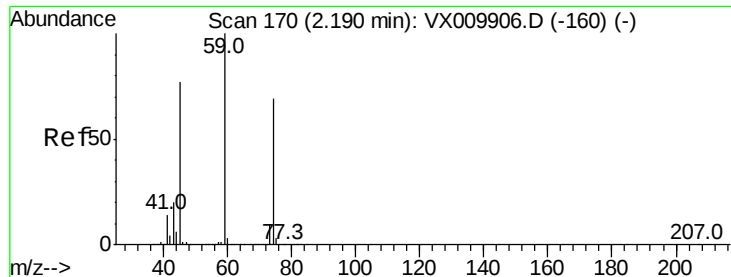
Tgt Ion: 101 Resp: 3017

Ion Ratio Lower Upper

101 100

103 62.1 52.2 78.4





#8

Diethyl Ether

Concen: 1.218 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 1457

Ion Ratio Lower Upper

74 100

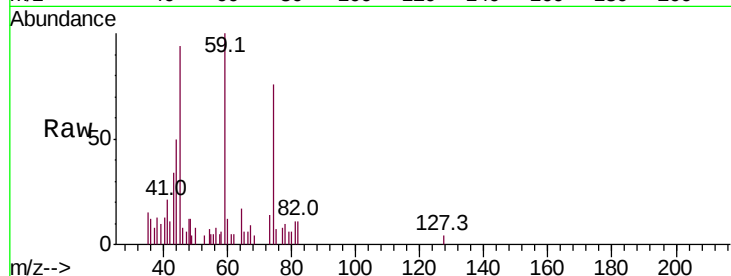
45 106.6 56.1 168.3

Manual Integrations

APPROVED

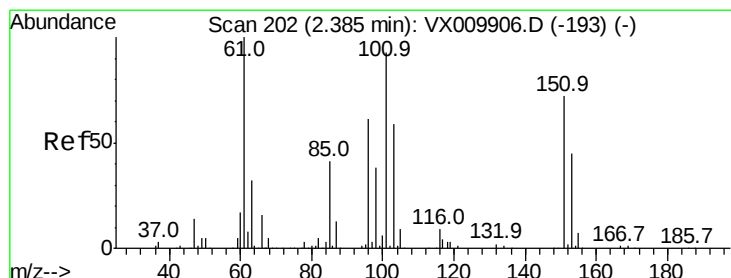
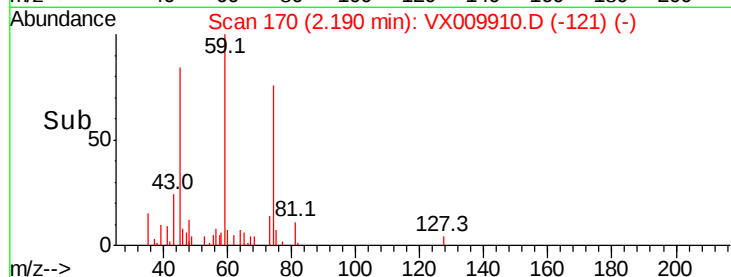
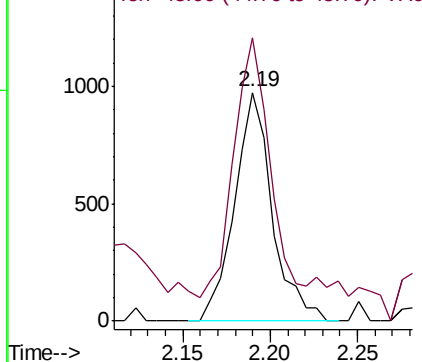
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Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.242 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

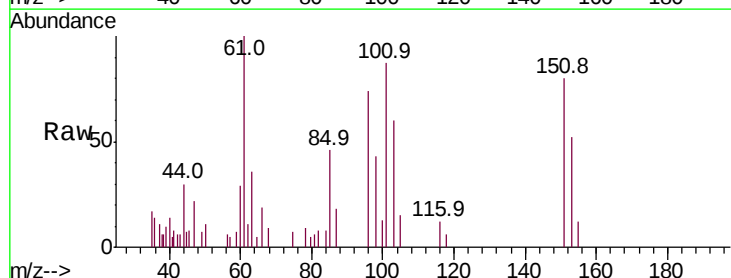
Tgt Ion:101 Resp: 1971

Ion Ratio Lower Upper

101 100

85 40.1 35.2 52.8

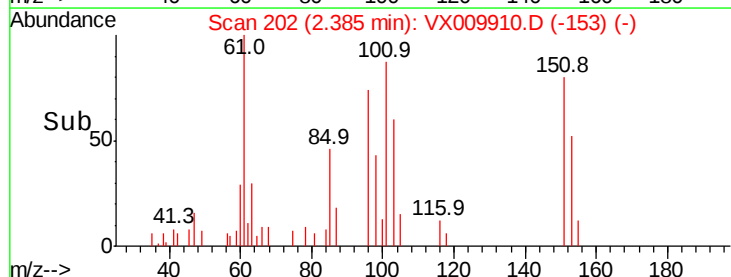
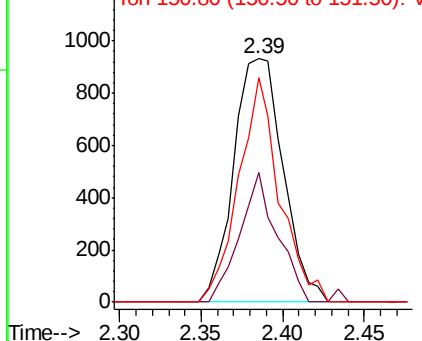
151 76.3 61.9 92.9

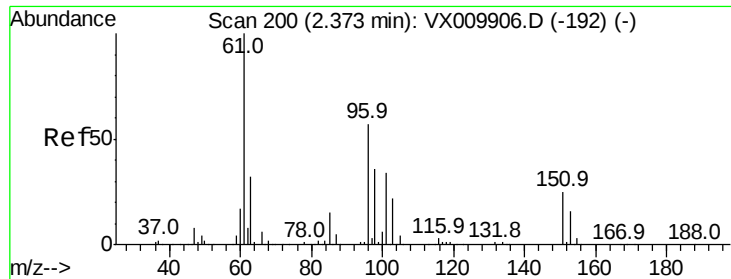


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.198 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

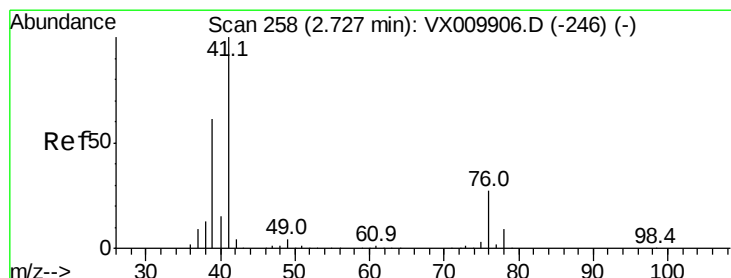
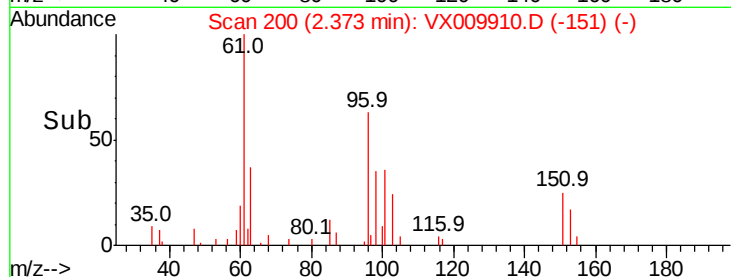
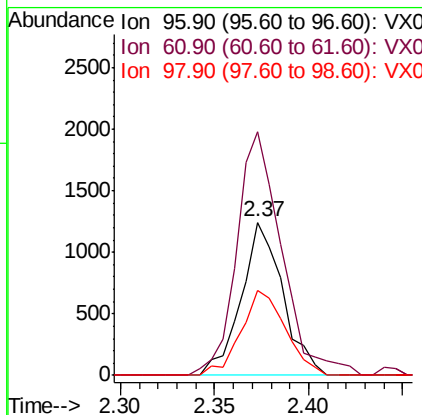
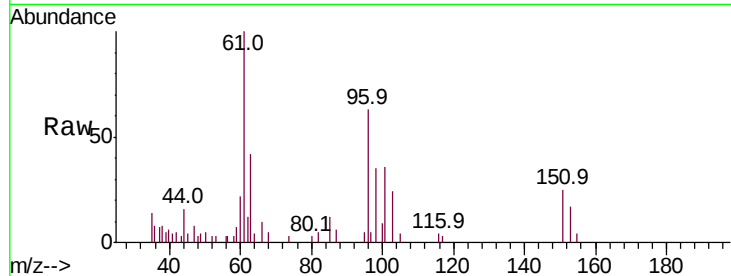
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	1903
Ion	Ratio	Lower	Upper
96	100		
61	159.4	140.7	211.1
98	55.7	50.1	75.1

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#14

Allyl chloride

Concen: 1.073 ug/l

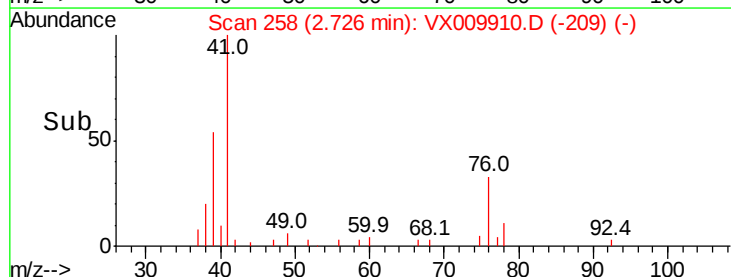
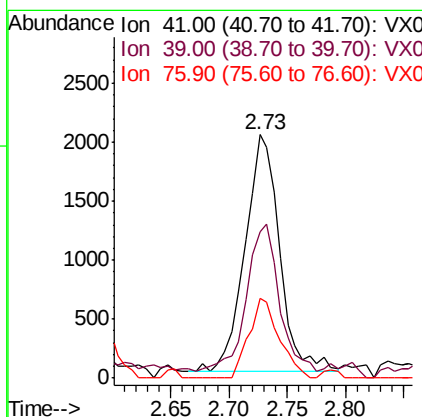
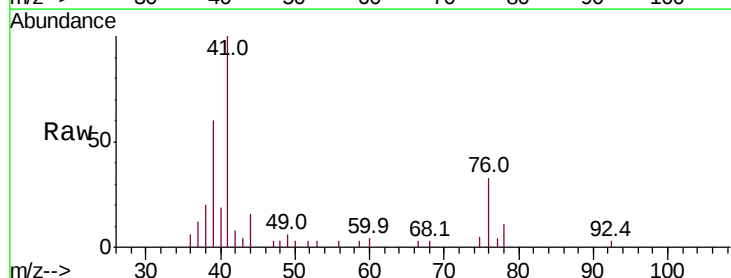
RT: 2.73 min Scan# 258

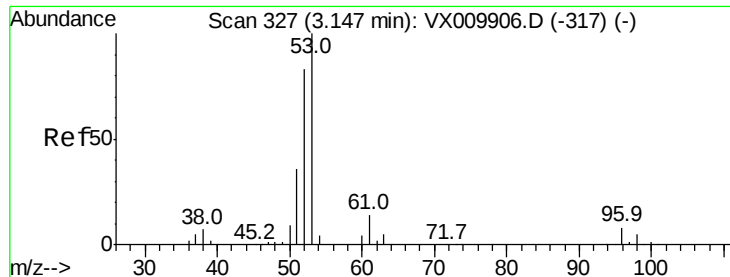
Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Tgt Ion:	41	Resp:	4181
Ion	Ratio	Lower	Upper
41	100		
39	58.6	46.7	70.1
76	29.4	21.0	31.4





#15

Acrylonitrile

Concen: 5.910 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 53 Resp: 7739

Ion Ratio Lower Upper

53 100

52 79.8 66.7 100.1

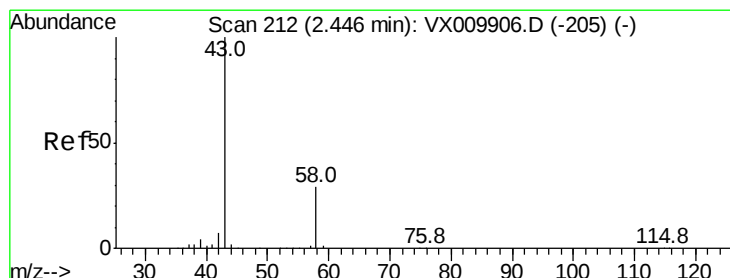
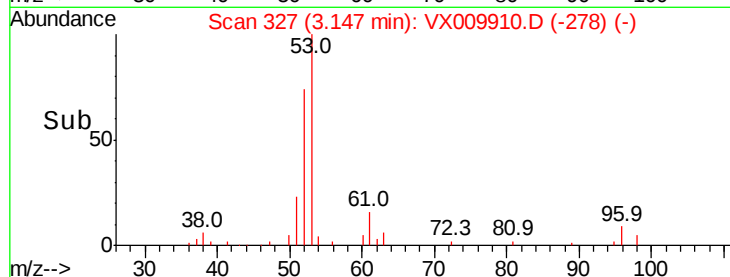
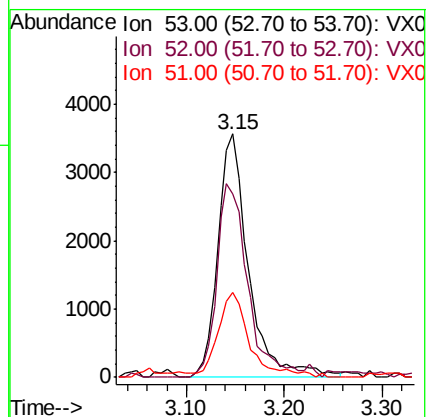
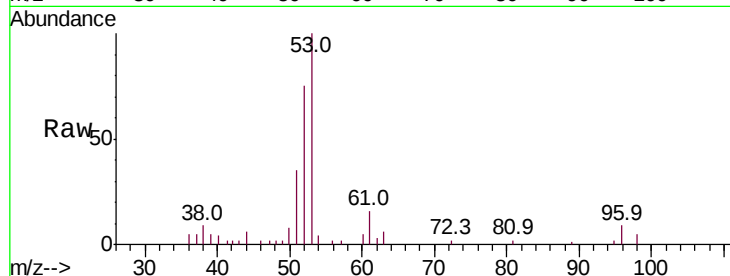
51 35.8 28.8 43.2

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#16

Acetone

Concen: 5.872 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009910.D

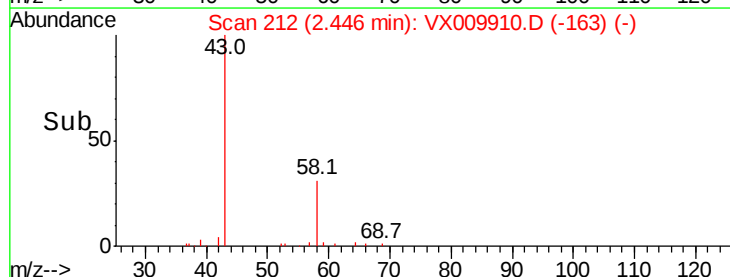
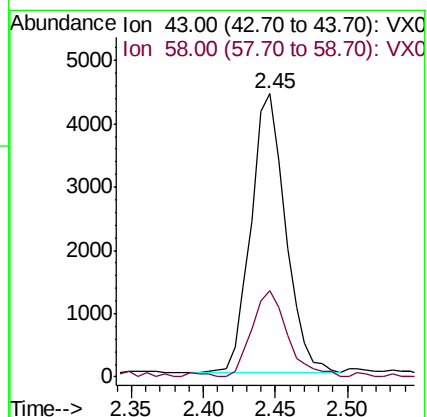
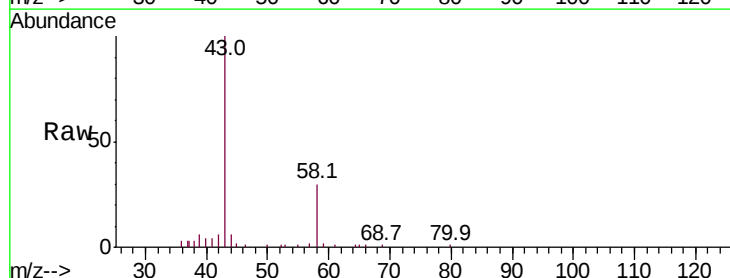
Acq: 28 May 2019 12:40

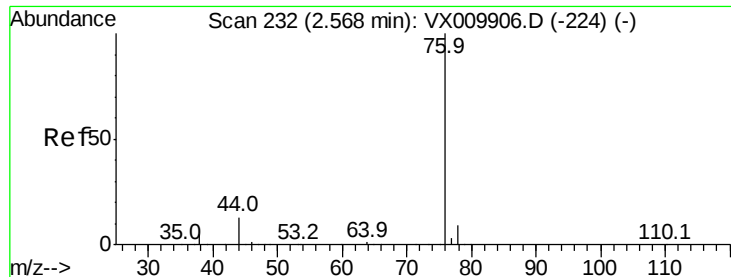
Tgt Ion: 43 Resp: 7346

Ion Ratio Lower Upper

43 100

58 30.8 23.2 34.8





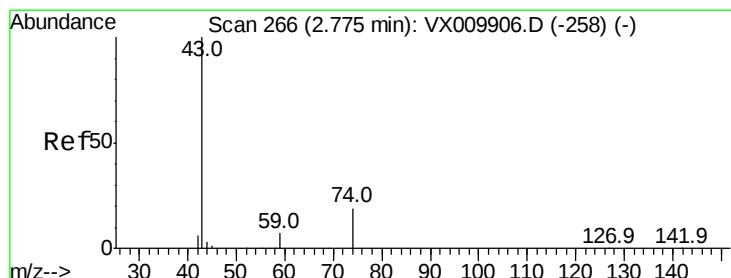
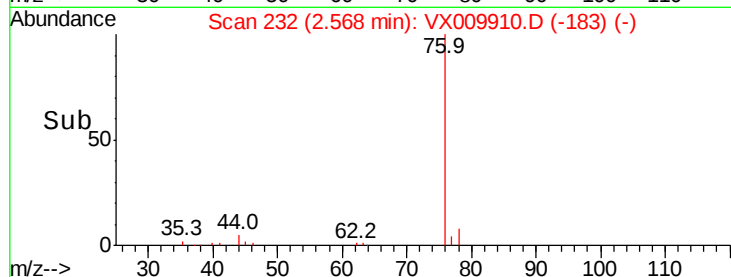
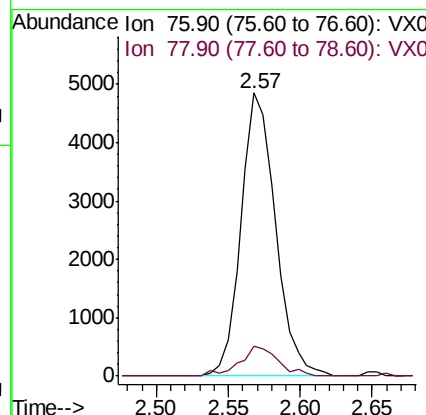
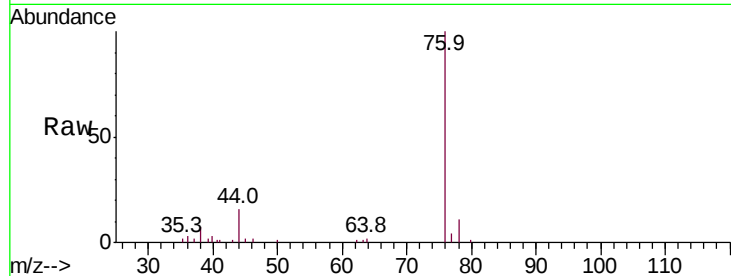
#17
Carbon Disulfide
Concen: 1.785 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009910.D
Acq: 28 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.0	10.6#

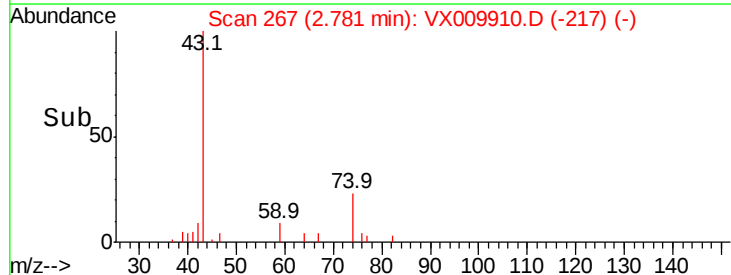
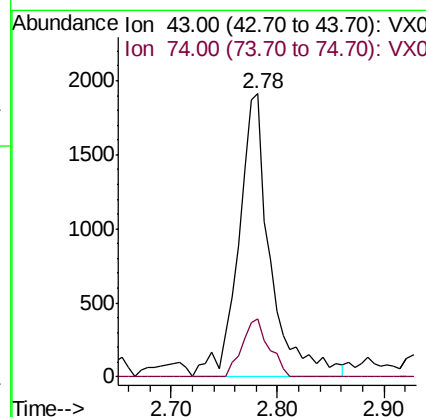
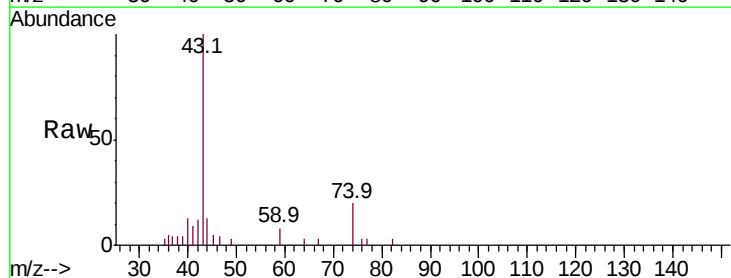
Manual Integrations
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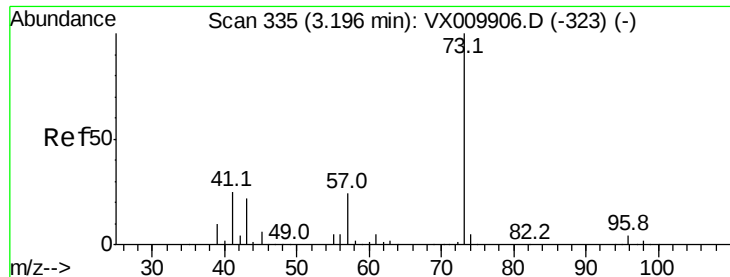
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#18
Methyl Acetate
Concen: 1.366 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX009910.D
Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	17.2	15.8	23.6





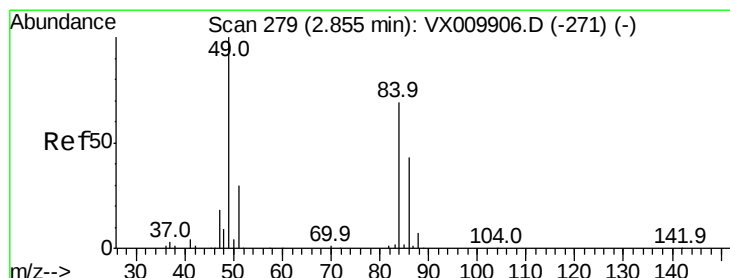
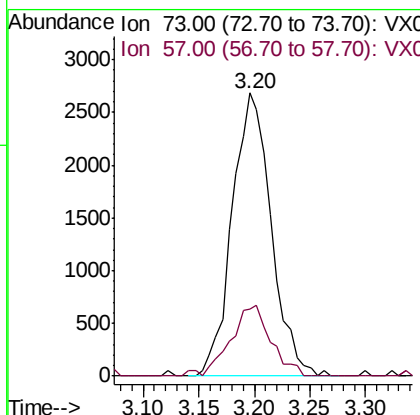
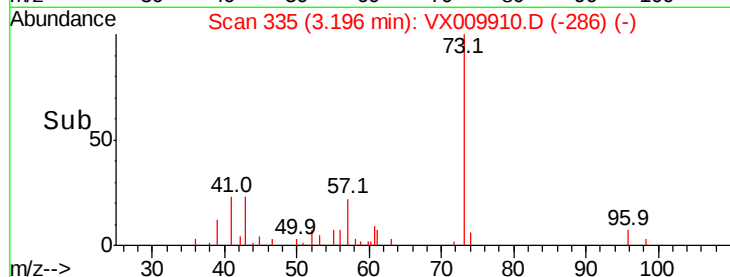
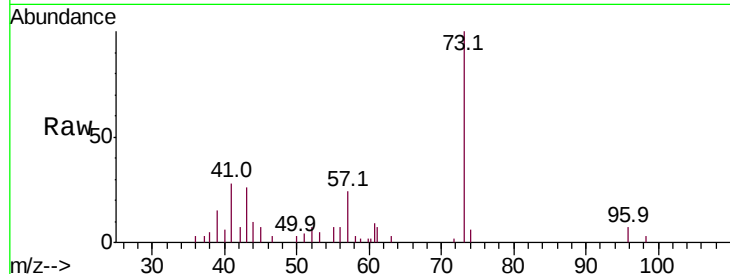
#19
Methvl tert-butvl Ether
Concen: 1.066 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009910.D
Acq: 28 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 6546
Ion Ratio Lower Upper
73 100
57 23.8 19.4 29.2

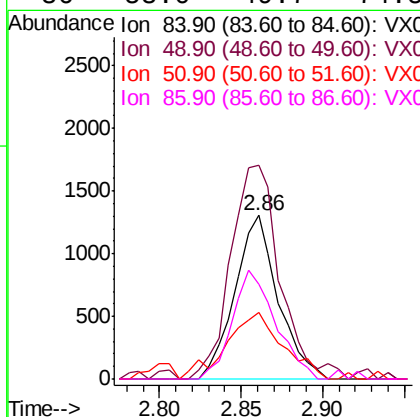
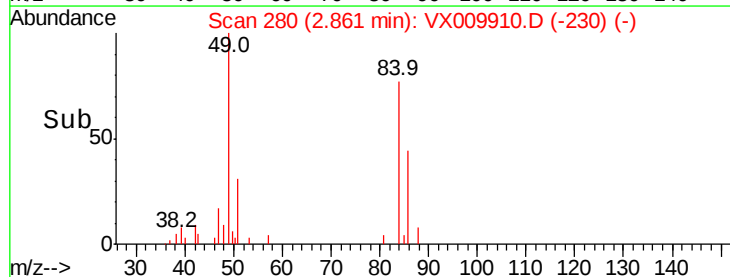
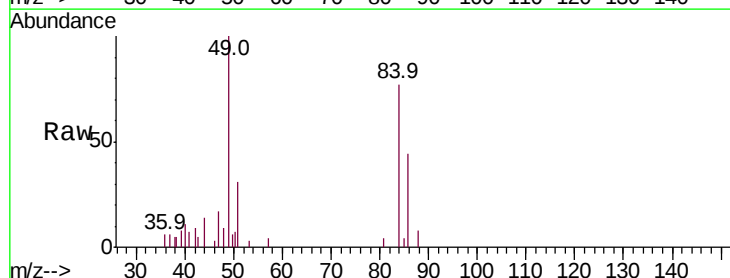
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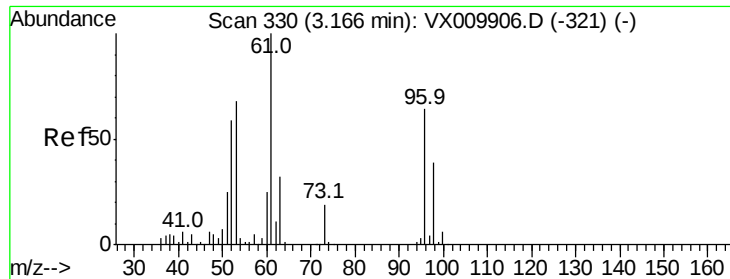
MMDadoda
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#20
Methylene Chloride
Concen: 1.202 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009910.D
Acq: 28 May 2019 12:40

Tgt Ion: 84 Resp: 2407
Ion Ratio Lower Upper
84 100
49 130.7 115.8 173.6
51 41.0 34.4 51.6
86 58.0 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 1.361 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 96 Resp: 2339

Ion Ratio Lower Upper

96 100

61 152.2 125.7 188.5

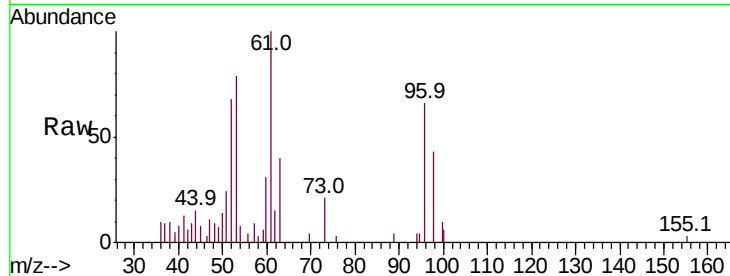
98 65.1 49.0 73.6

Manual Integrations

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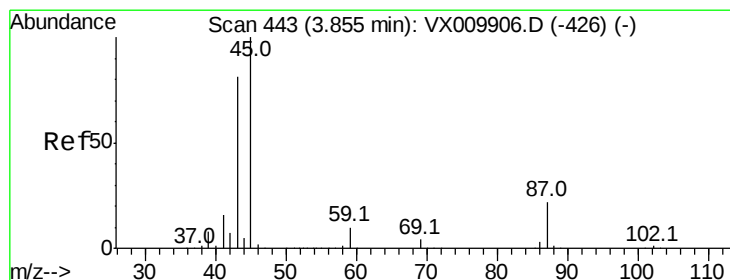
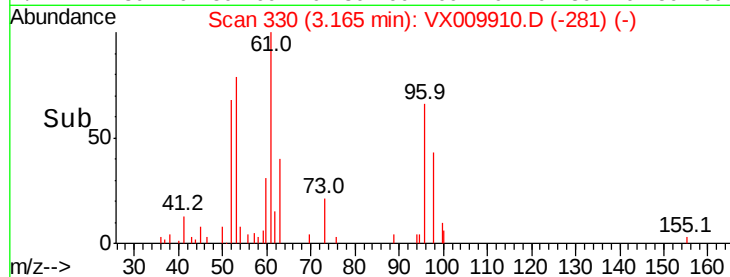
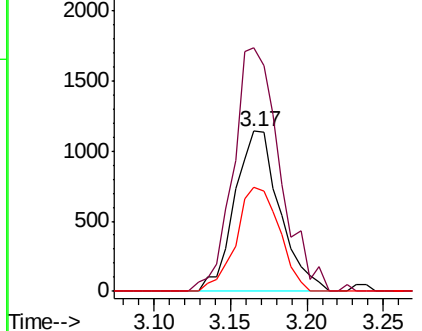
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 1.040 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Tgt Ion: 45 Resp: 7753

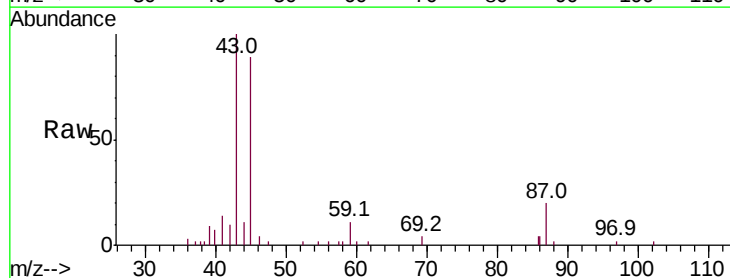
Ion Ratio Lower Upper

45 100

43 101.3 65.0 97.4#

87 22.8 17.3 25.9

59 12.2 8.1 12.1#

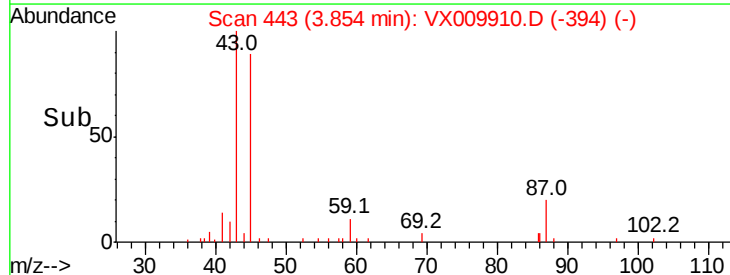
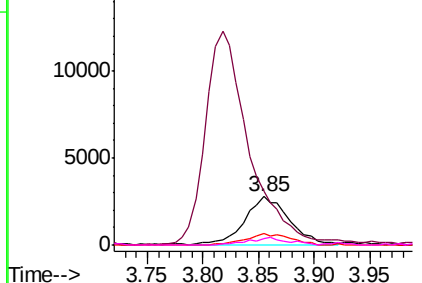


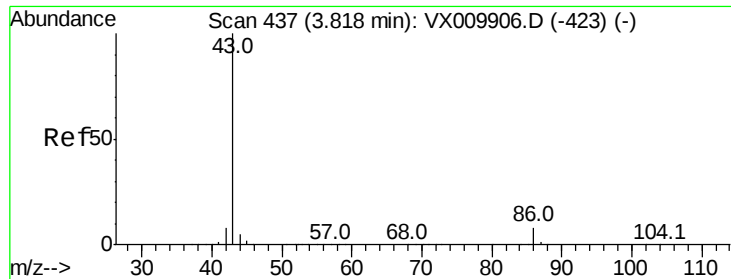
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 5.300 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 33980

Ion Ratio Lower Upper

43 100

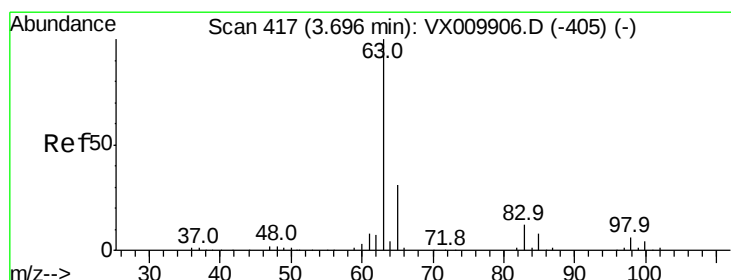
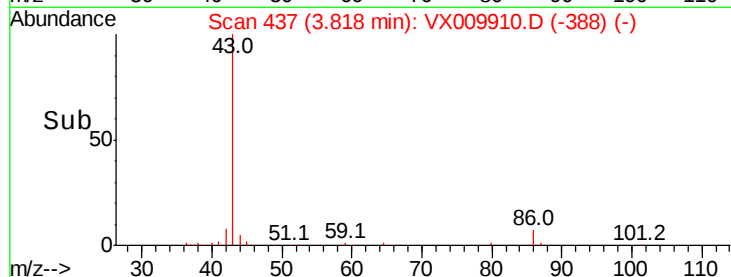
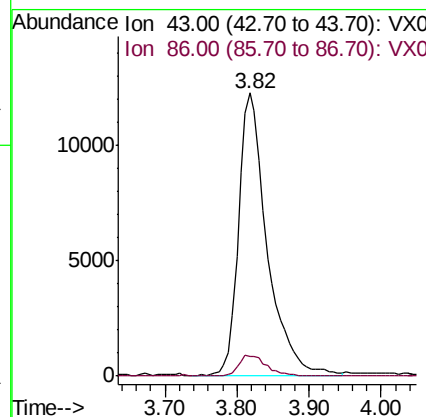
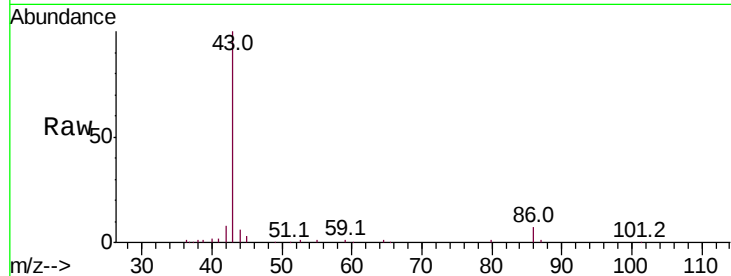
86 6.8 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 1.096 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

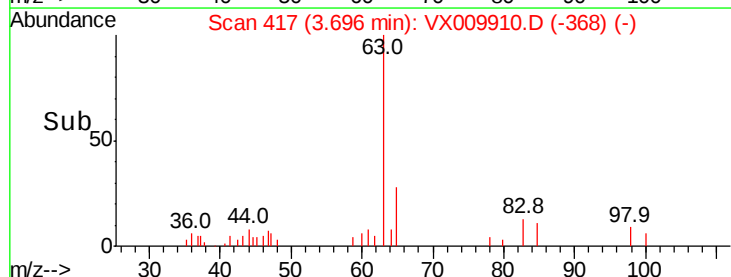
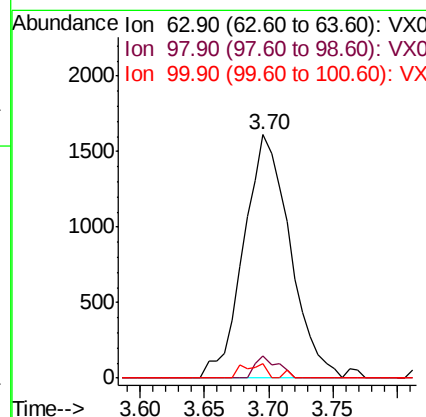
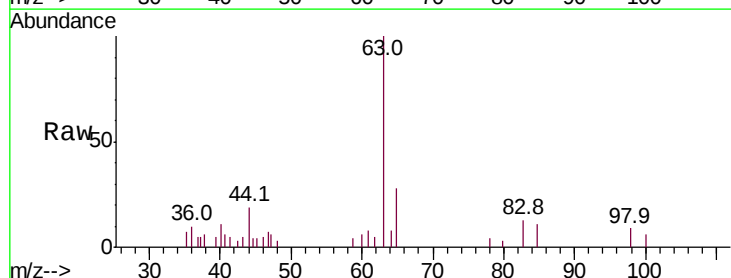
Tgt Ion: 63 Resp: 4020

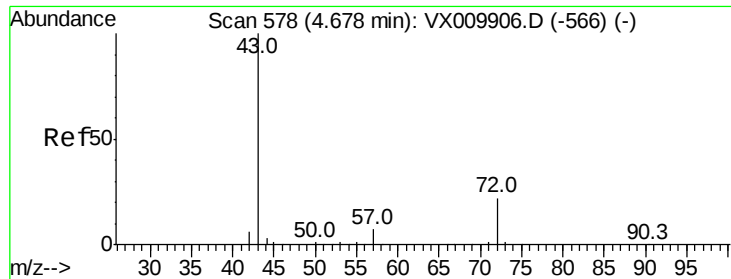
Ion Ratio Lower Upper

63 100

98 9.3 2.9 8.8#

100 5.8 1.8 5.4#





#25

2-Butanone

Concen: 5.536 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 10739

Ion Ratio Lower Upper

43 100

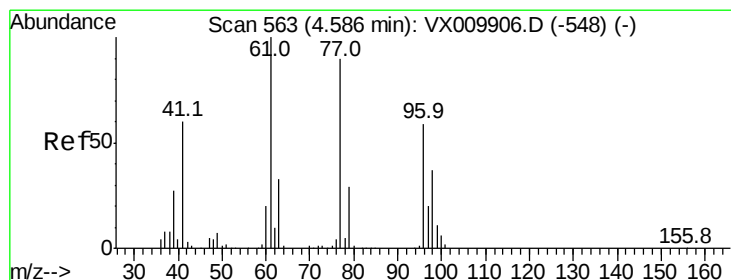
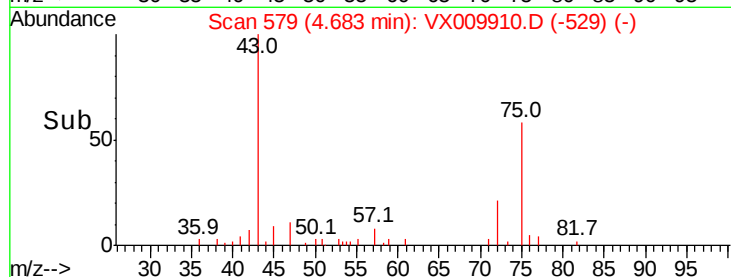
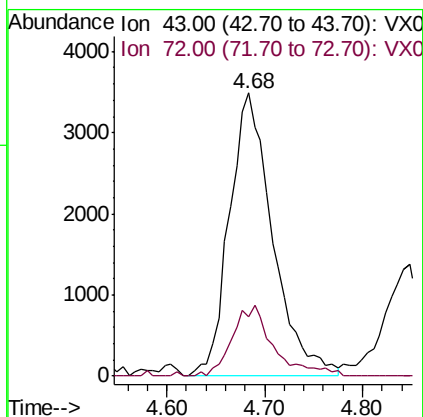
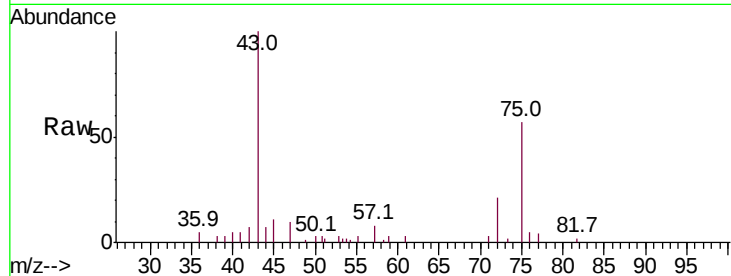
72 20.8 17.5 26.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 1.070 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009910.D

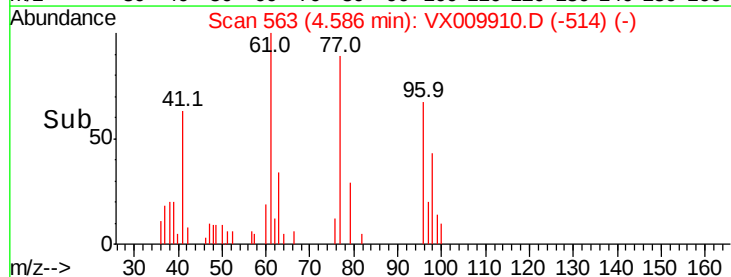
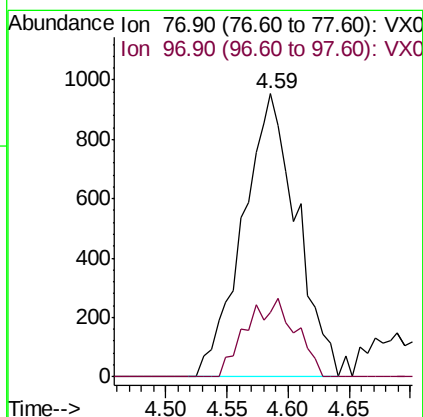
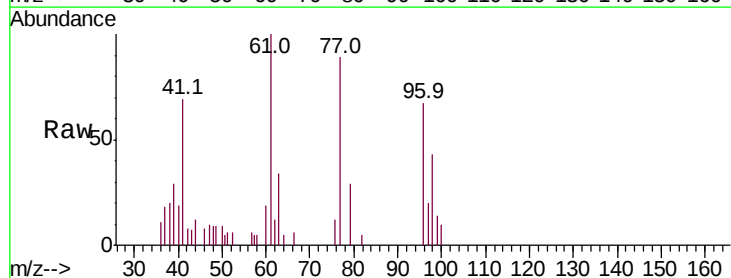
Acq: 28 May 2019 12:40

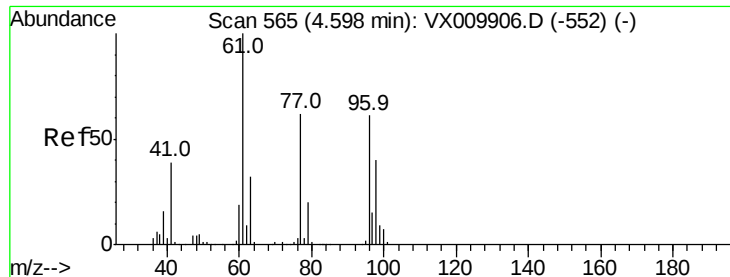
Tgt Ion: 77 Resp: 2925

Ion Ratio Lower Upper

77 100

97 25.3 11.4 34.2





#27

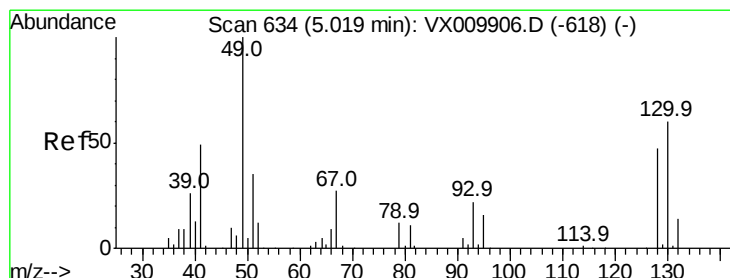
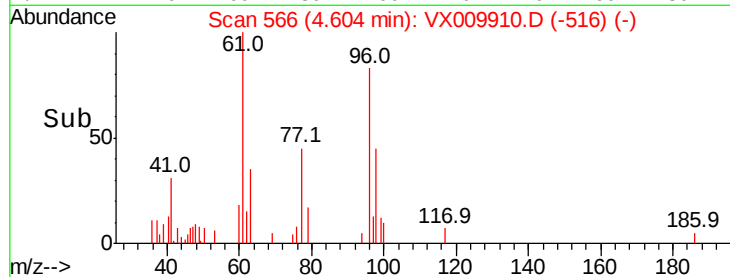
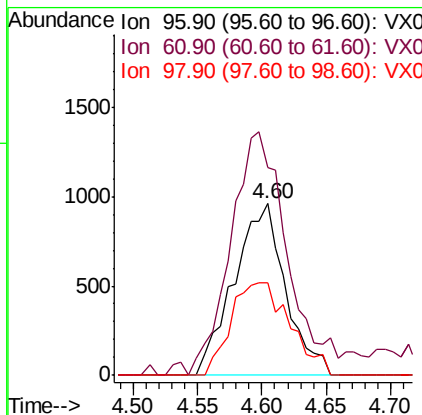
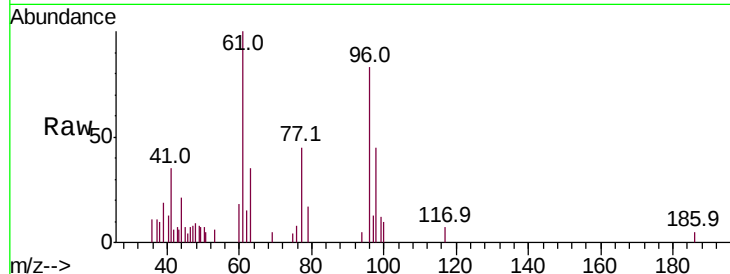
cis-1,2-Dichloroethene
 Concen: 1.304 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
96	100	2666		
61	164.3		0.0	334.0
98	61.9		0.0	131.6

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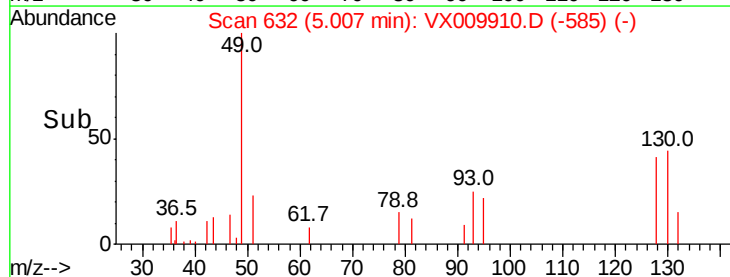
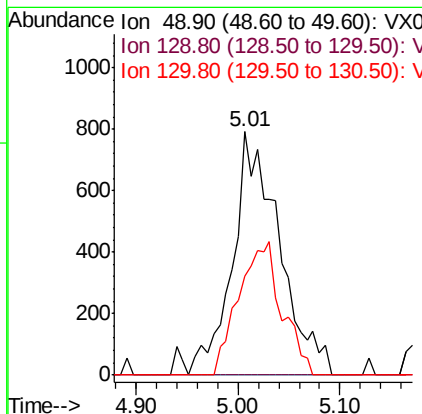
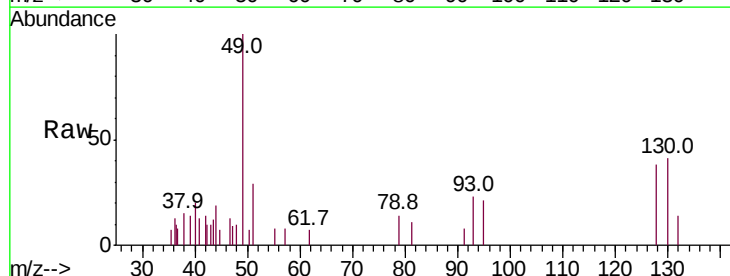
MMDadoda
 5/29/2019 9:25:04 AM

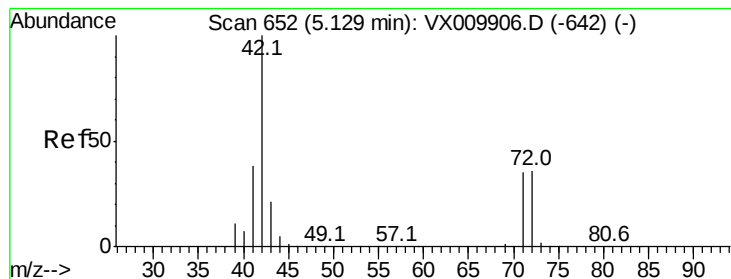


#28

Bromochloromethane
 Concen: 1.517 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	2521		
129	0.0		0.0	3.4
130	0.0		49.4	74.2#





#29

Tetrahydrofuran

Concen: 5.588 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

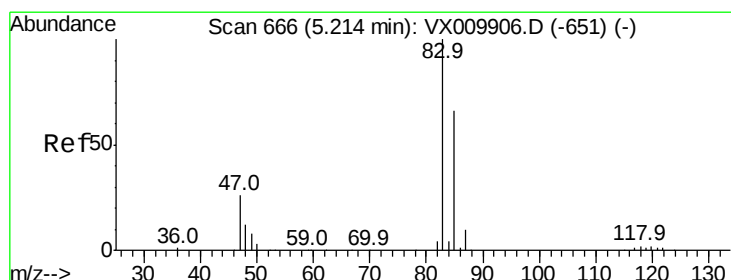
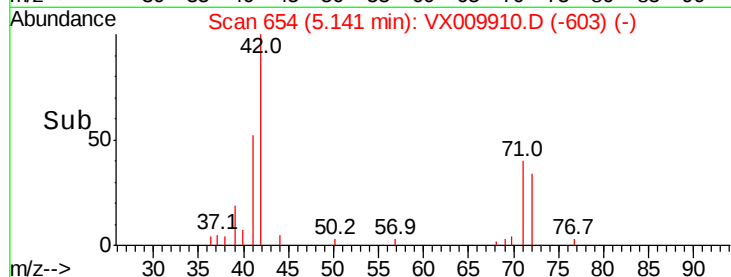
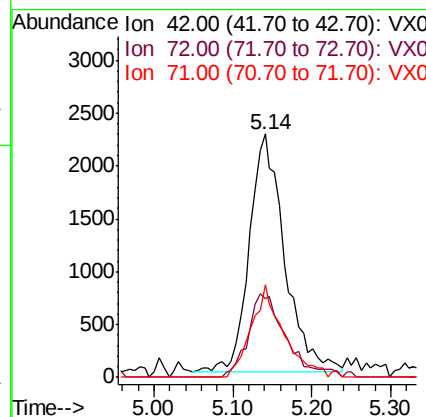
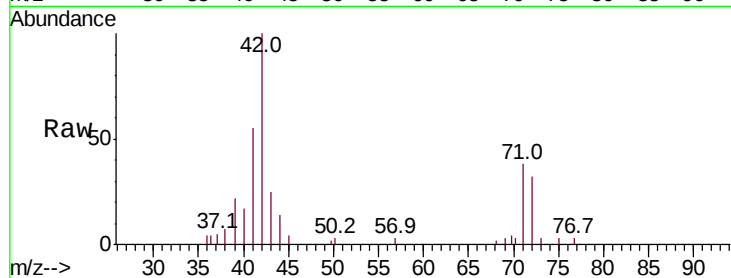
ClientSampleId :

VSTDIC001

Tot Ion:	42	Resp:	6960
Ion	Ratio	Lower	Upper
42	100		
72	37.8	29.2	43.8
71	35.8	27.6	41.4

Manual Integrations
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#30

Chloroform

Concen: 1.088 ug/l

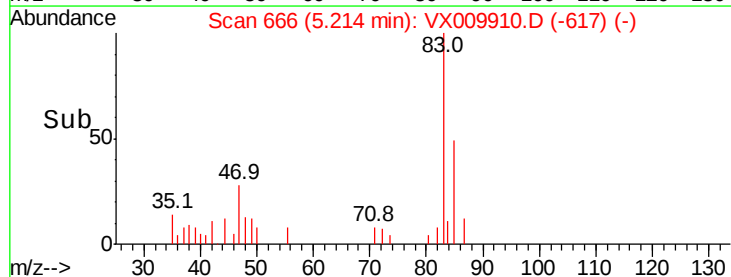
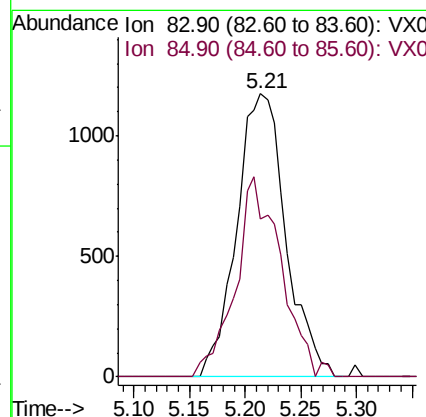
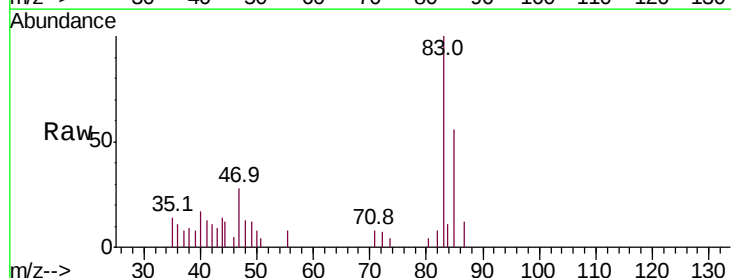
RT: 5.21 min Scan# 666

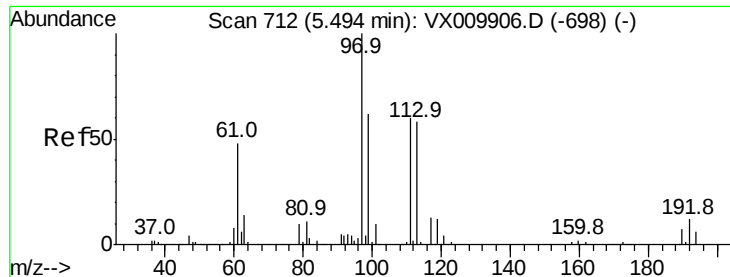
Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Tgt Ion:	83	Resp:	3600
Ion	Ratio	Lower	Upper
83	100		
85	55.6	52.6	78.8





#32

1,1,1-Trichloroethane

Concen: 0.991 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

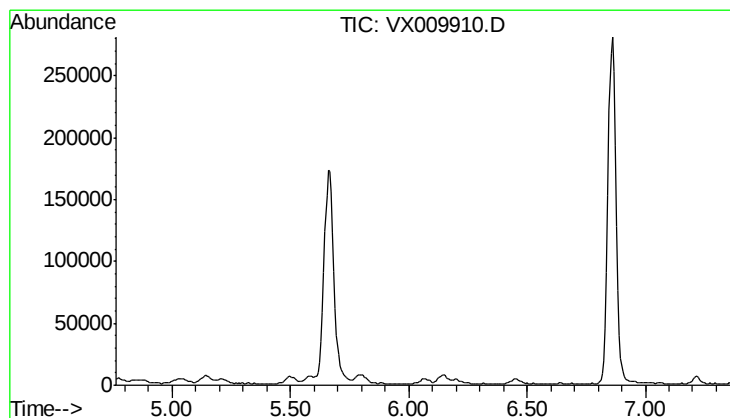
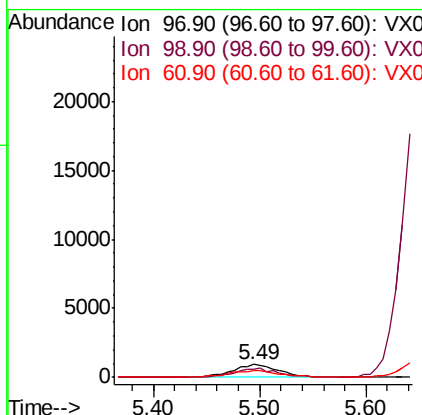
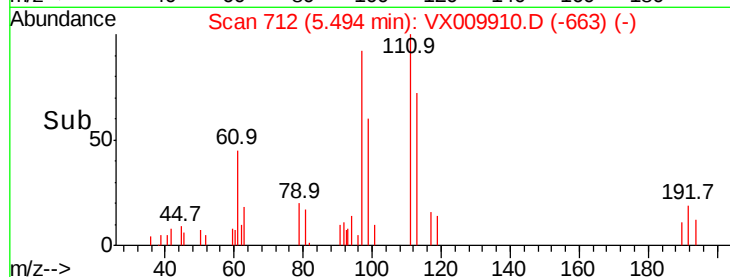
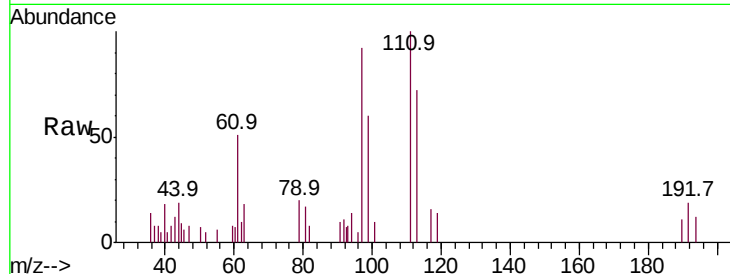
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.0	76.4#	
61	60.4	38.7	58.1#	

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.06 min

Lab File: VX009910.D

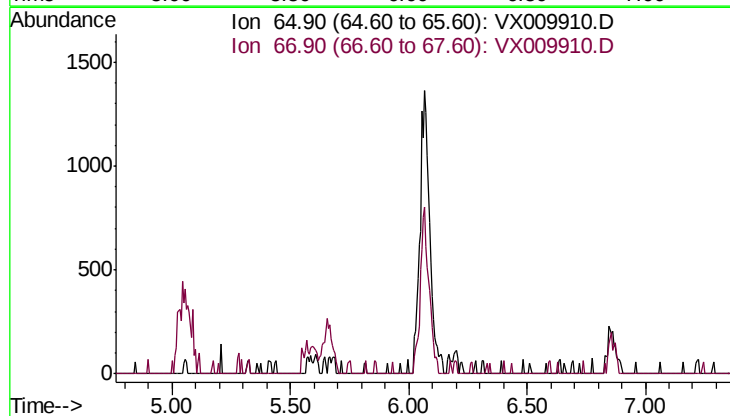
Acq: 28 May 2019 12:40

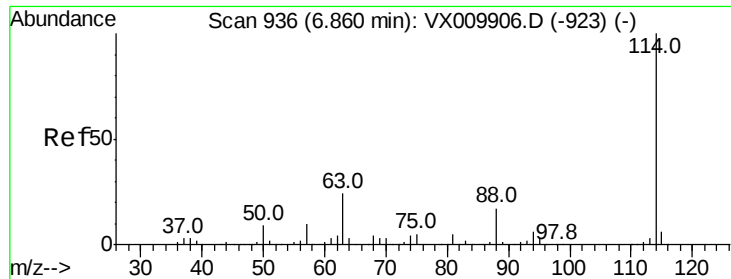
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.2





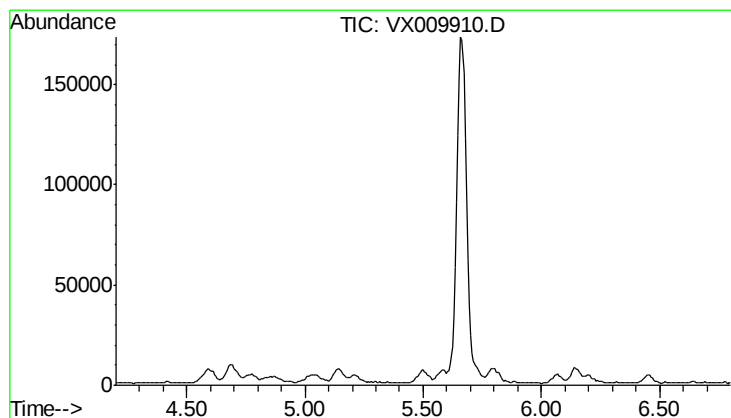
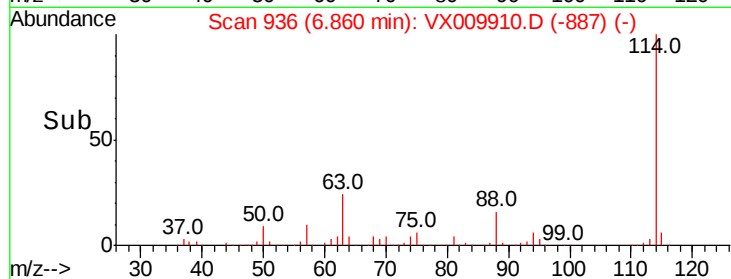
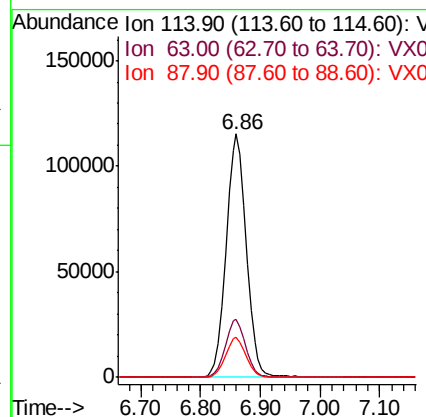
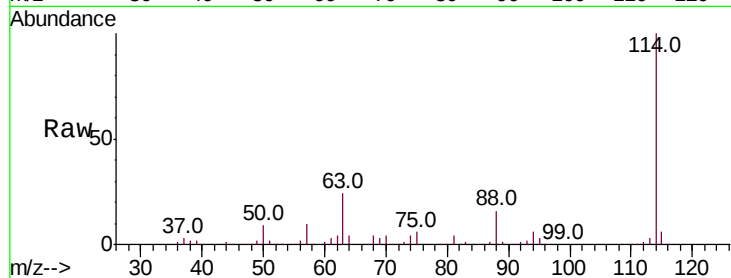
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.8	0.0	47.4
88	16.3	0.0	33.0

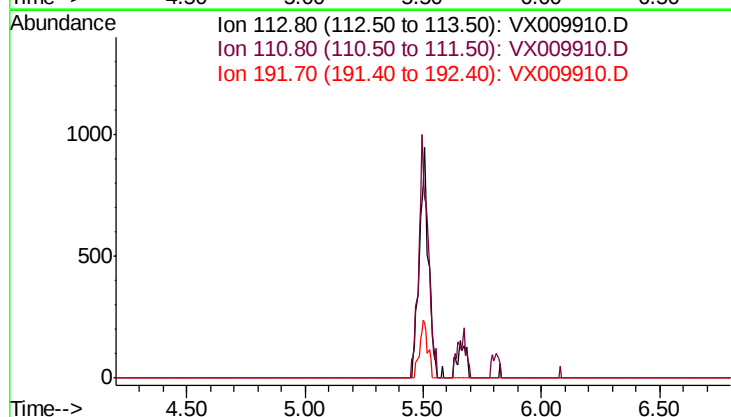
Manual Integrations
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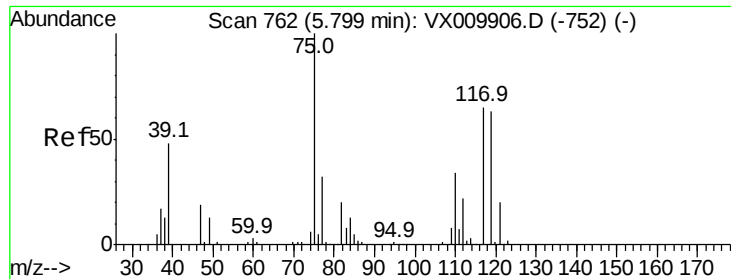
MMDadoda
 5/29/2019 9:25:04 AM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 5.50 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion	Exp Ratio
113	100
111	102.7
192	21.4





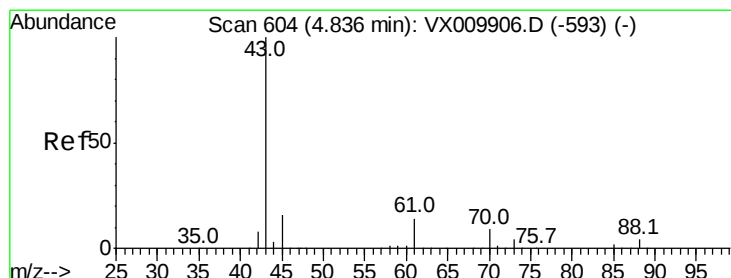
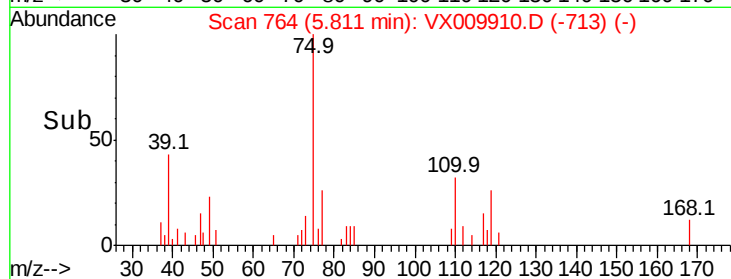
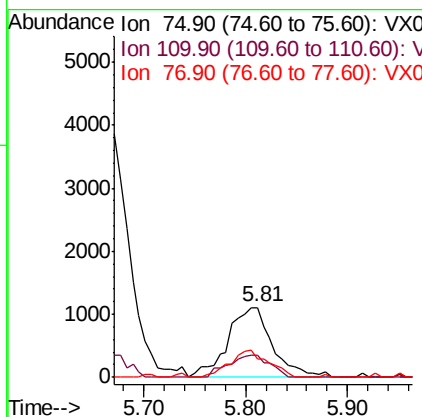
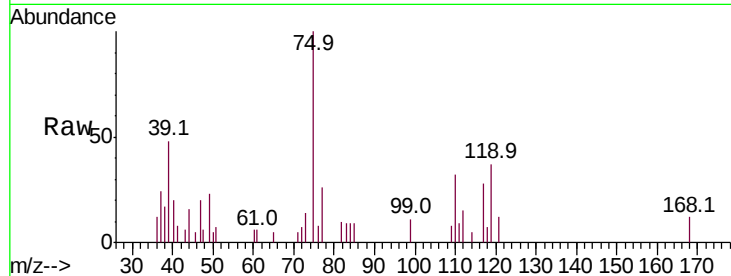
#36
 1,1-Dichloropropene
 Concen: 1.321 ug/l
 RT: 5.81 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	29.7	16.7	50.1
77	33.7	25.0	37.4

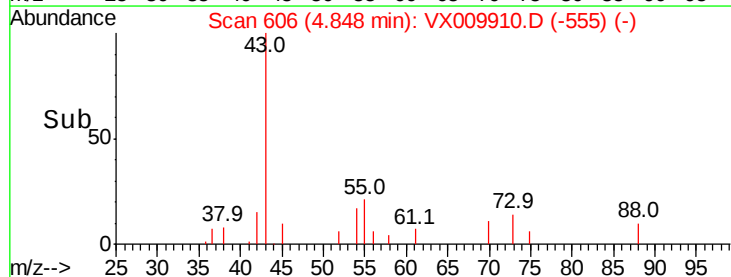
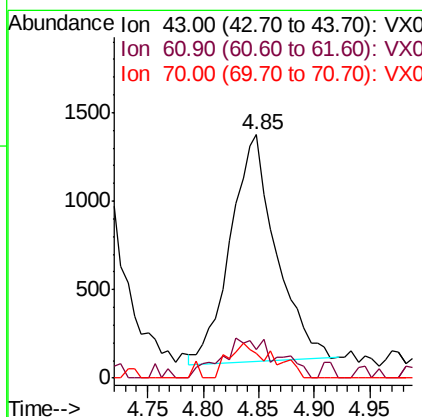
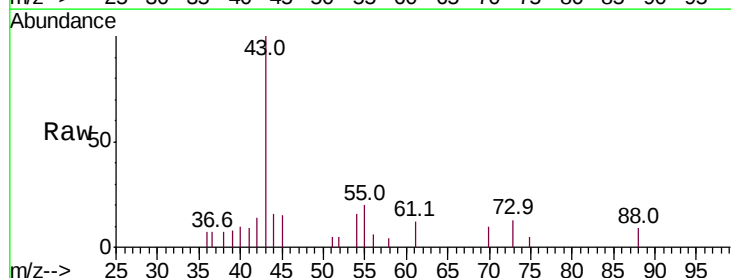
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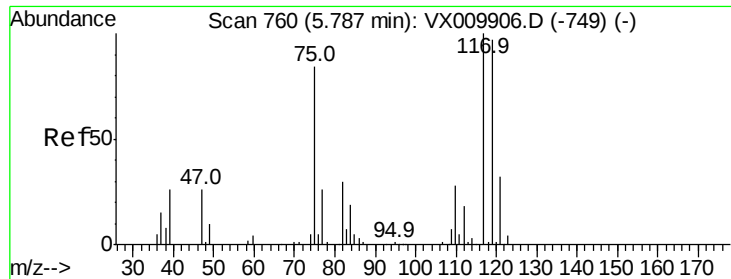
MMDadoda
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#37
 Ethyl Acetate
 Concen: 1.023 ug/l
 RT: 4.85 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.7	10.2	15.2#
70	14.6	7.4	11.2#





#38

Carbon Tetrachloride

Concen: 1.058 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

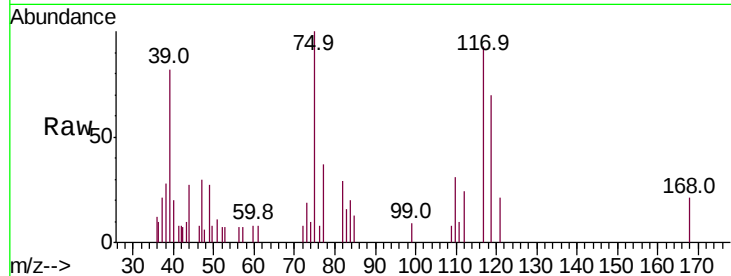
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	2454
Ion	Ratio	Lower	Upper
117	100		
119	75.6	77.3	115.9#
121	22.6	25.4	38.0#

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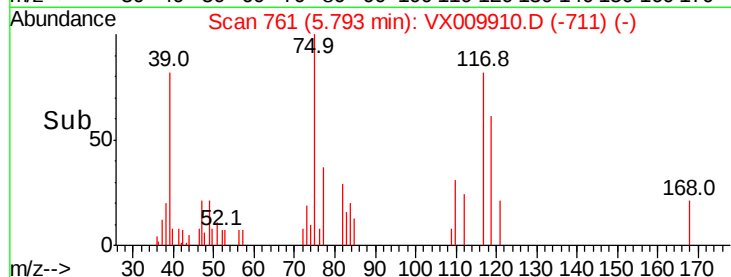
MMDadoda
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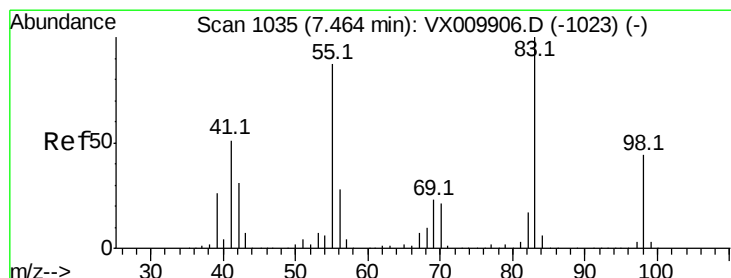
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->



#39

Methylcyclohexane

Concen: 1.115 ug/l

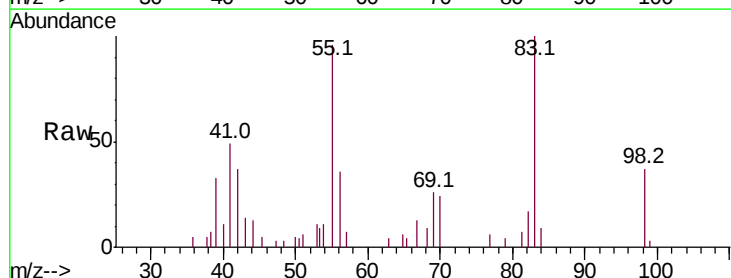
RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

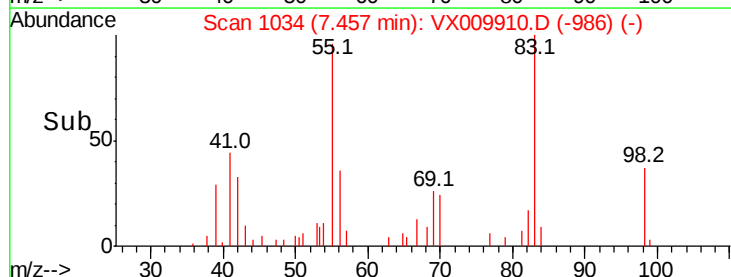
Tgt Ion:	83	Resp:	3511
Ion	Ratio	Lower	Upper
83	100		
55	95.8	69.9	104.9
98	36.9	35.1	52.7



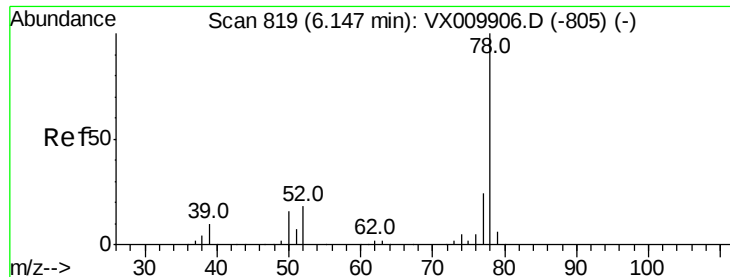
Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



Time-->



#40

Benzene

Concen: 1.063 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 8382

Ion Ratio Lower Upper

78 100

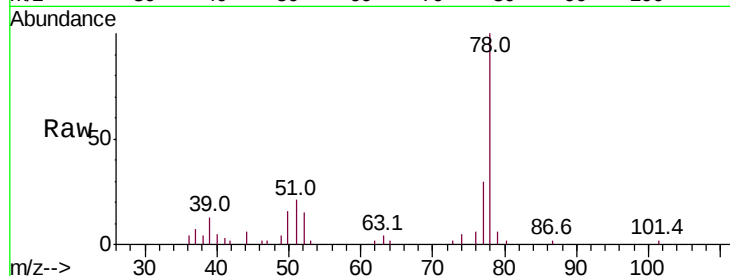
77 30.2 19.2 28.8#

Manual Integrations

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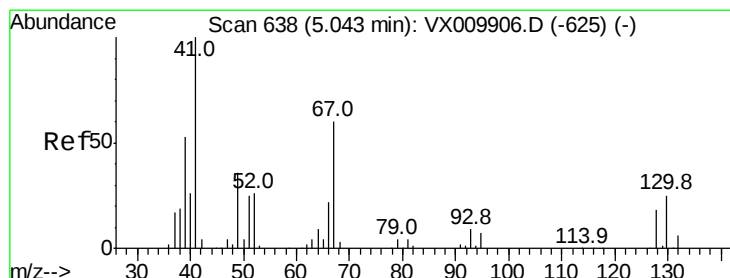
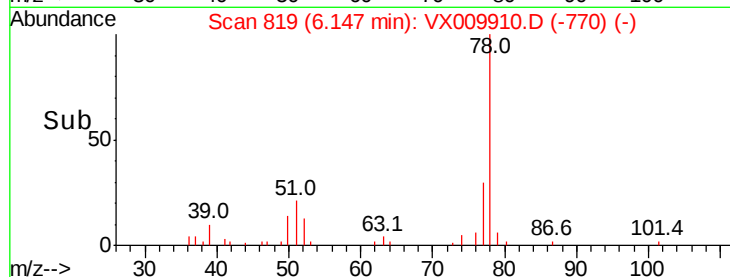
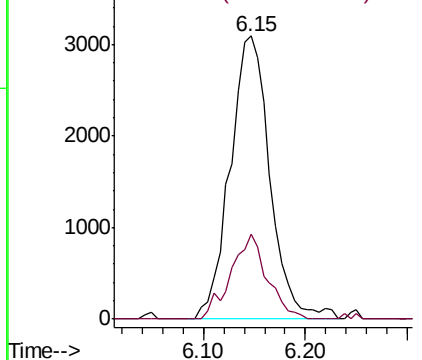
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.178 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Tgt Ion: 41 Resp: 2499

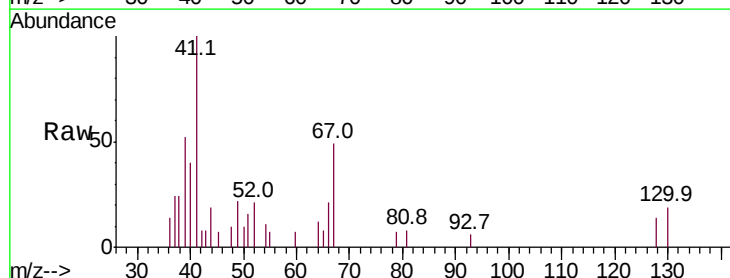
Ion Ratio Lower Upper

41 100

39 49.0 42.2 63.4

67 0.0 48.9 73.3#

52 34.1 20.1 30.1#

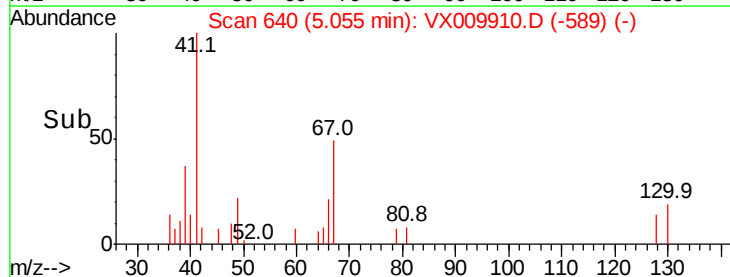
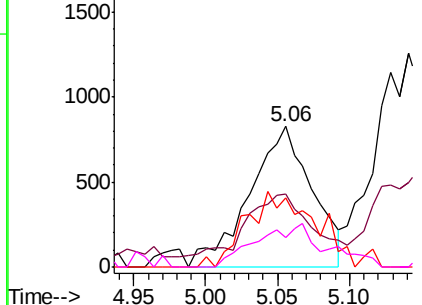


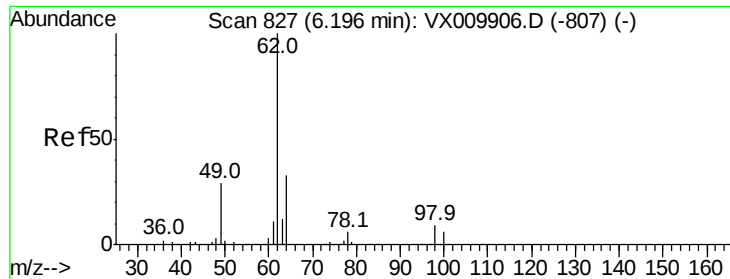
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





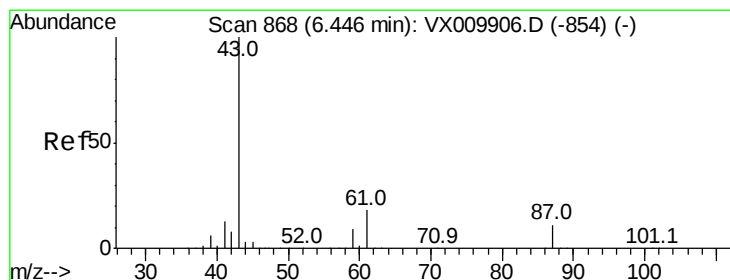
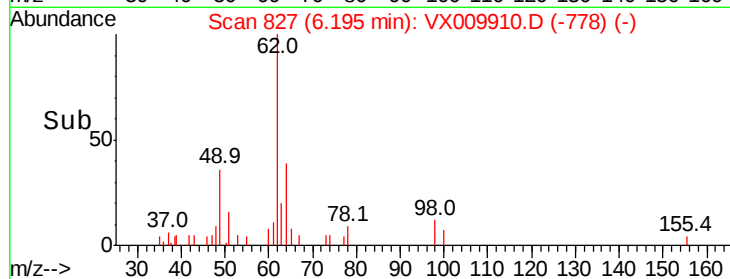
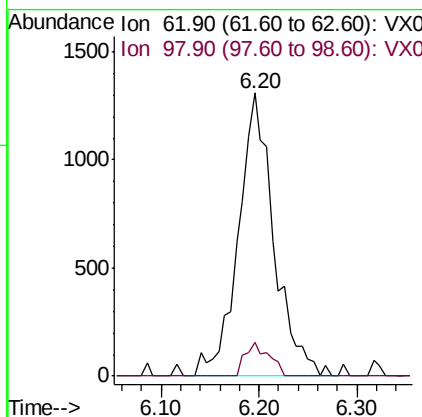
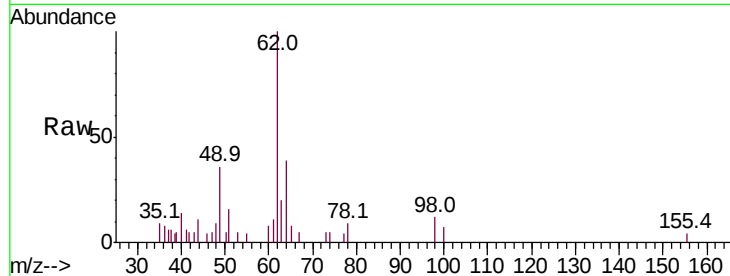
#42
 1,2-Dichloroethane
 Concen: 1.166 ug/l
 RT: 6.20 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	3312		
98	8.1	0.0	17.2	

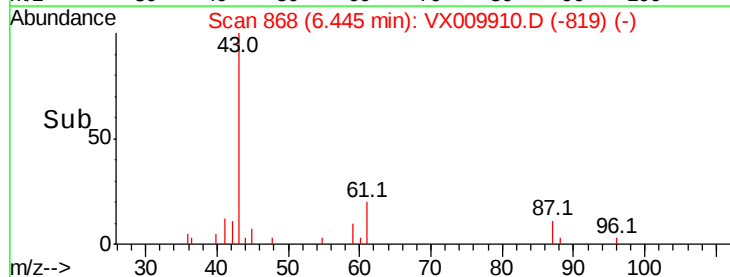
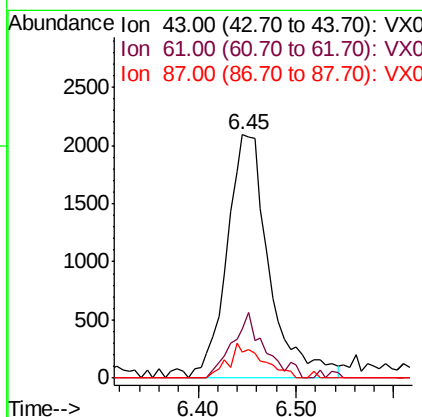
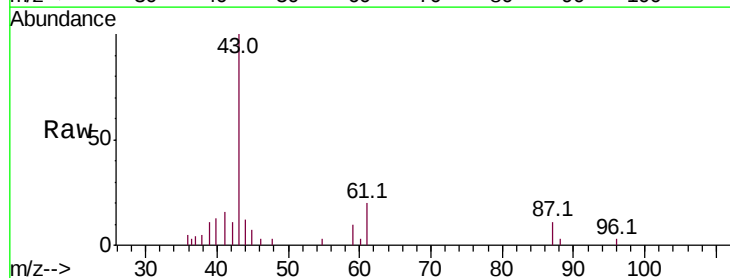
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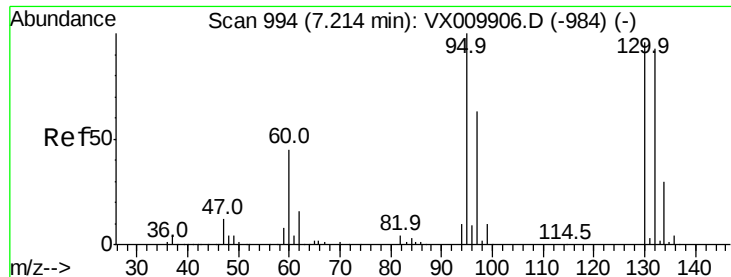
MMDadoda
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#43
 Isopropyl Acetate
 Concen: 1.096 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	6261		
61	19.3	14.6	21.8	
87	11.5	8.7	13.1	





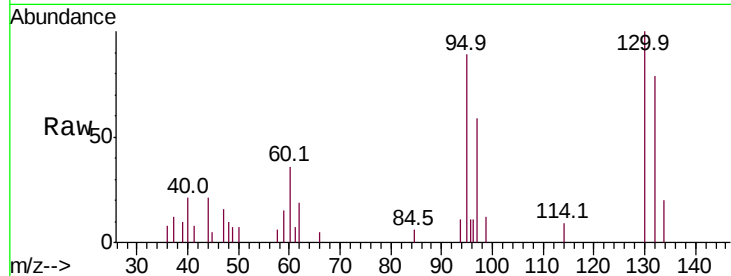
#44
 Trichloroethene
 Concen: 1.251 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

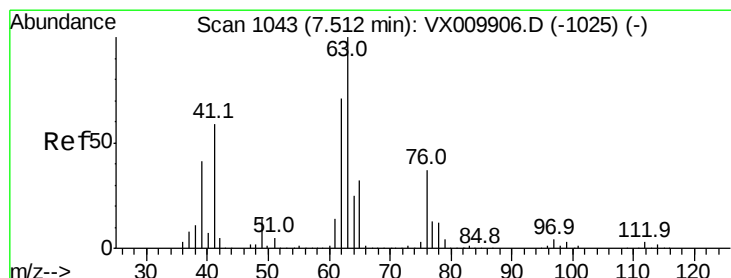
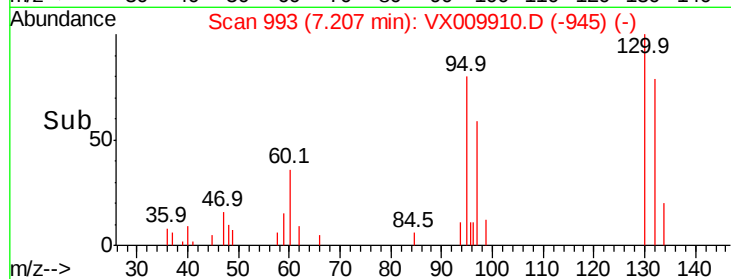
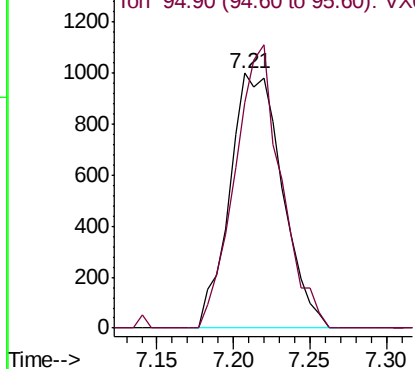
Tot Ion:130 Resp: 2383
 Ion Ratio Lower Upper
 130 100
 95 88.7 0.0 207.4

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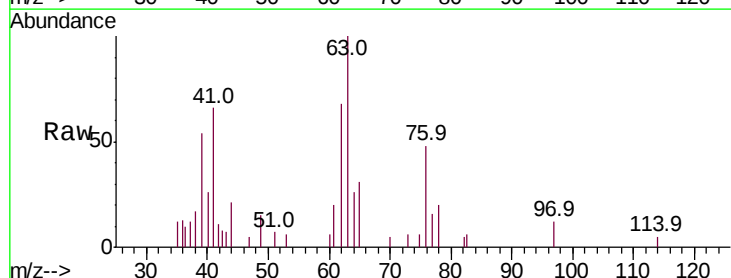


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

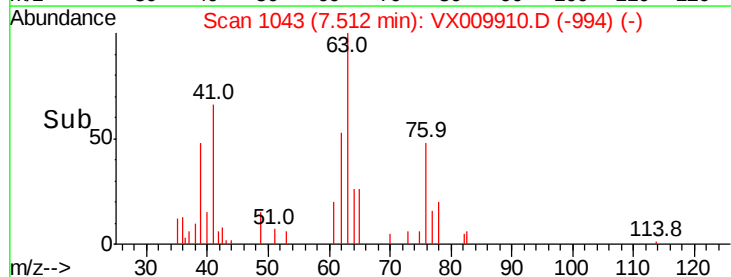
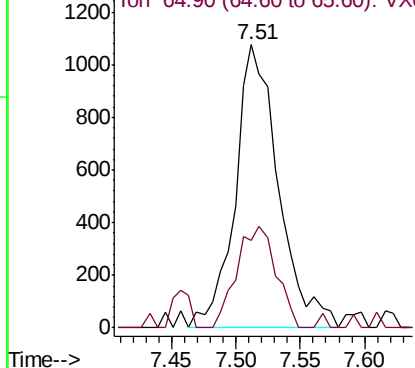


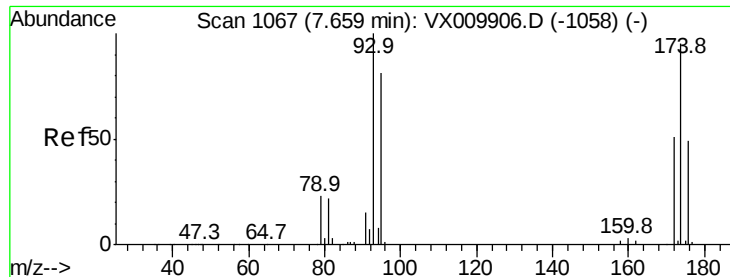
#45
 1,2-Dichloropropane
 Concen: 1.123 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion: 63 Resp: 2508
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0





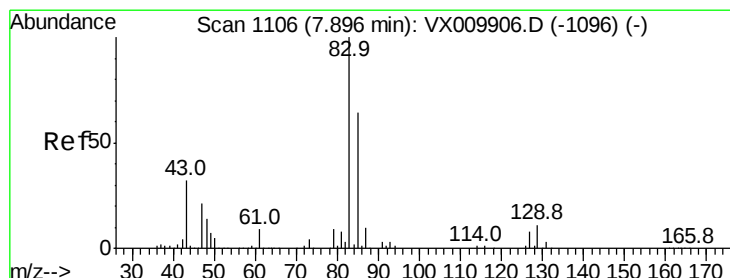
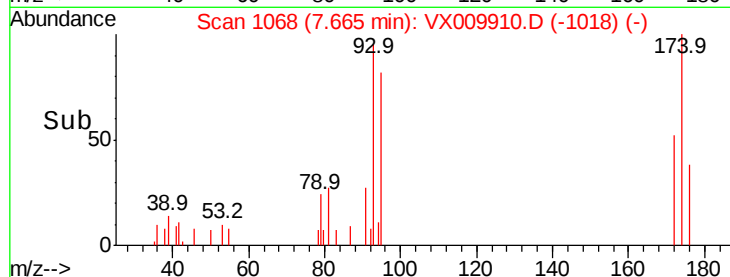
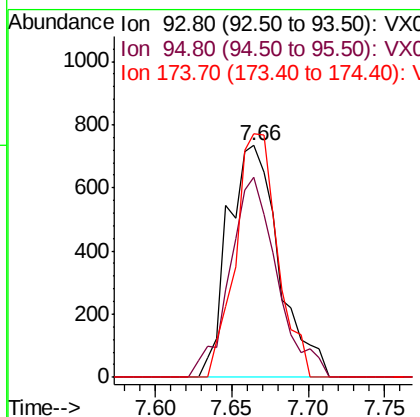
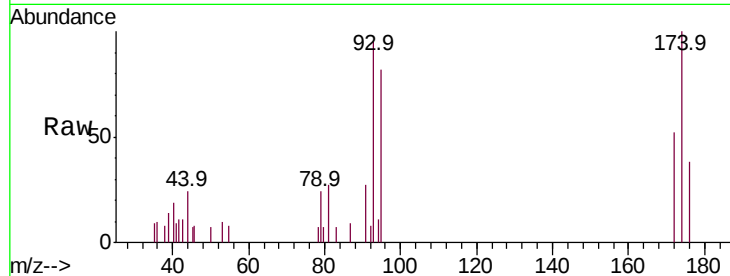
#46
 Dibromomethane
 Concen: 1.307 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 93 Resp: 1694
 Ion Ratio Lower Upper
 93 100
 95 80.1 66.8 100.2
 174 87.0 81.9 122.9

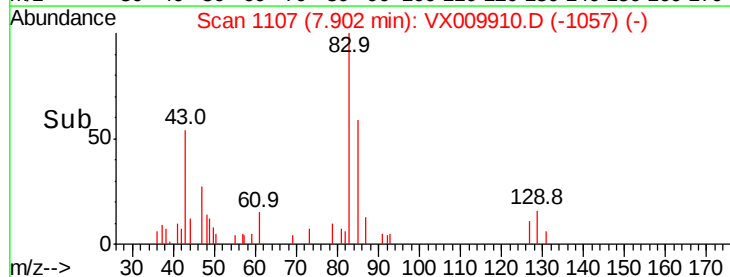
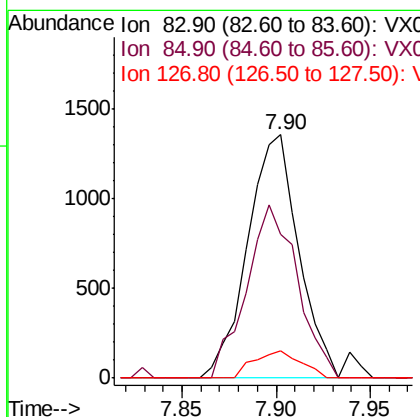
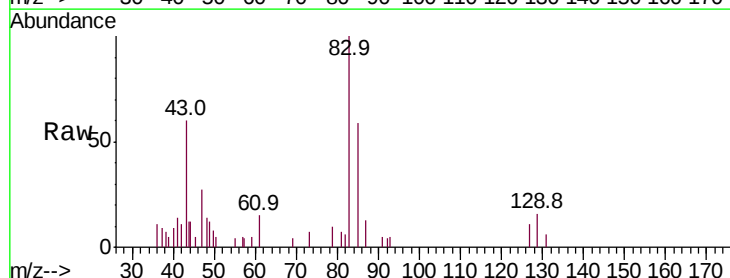
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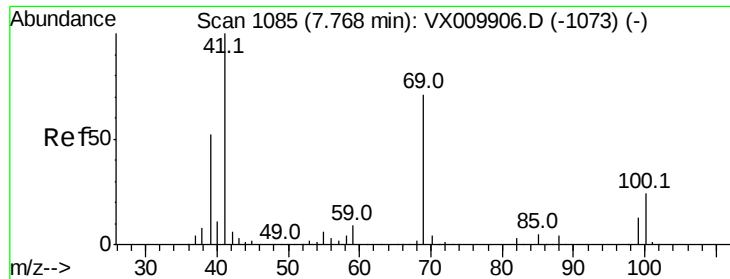
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#47
 Bromodichloromethane
 Concen: 0.985 ug/l
 RT: 7.90 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion: 83 Resp: 2541
 Ion Ratio Lower Upper
 83 100
 85 59.2 51.4 77.2
 127 11.0 6.4 9.6#





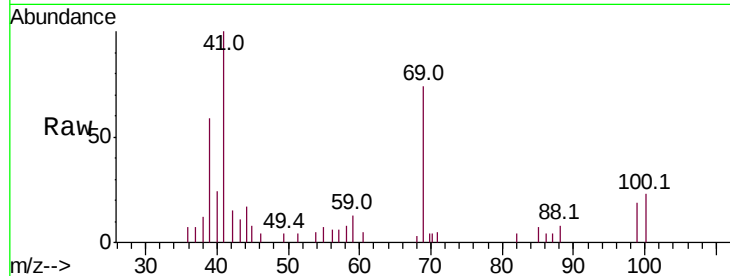
#48
Methvl methacrylate
Concen: 1.003 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: VX009910.D
Acq: 28 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

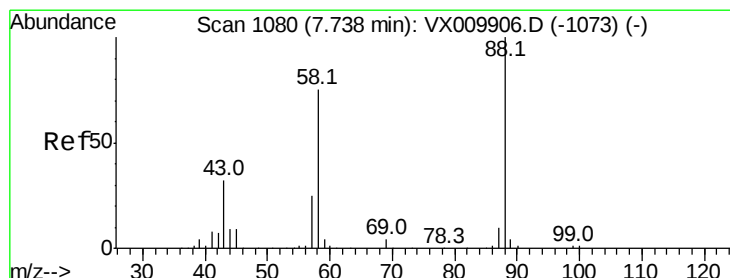
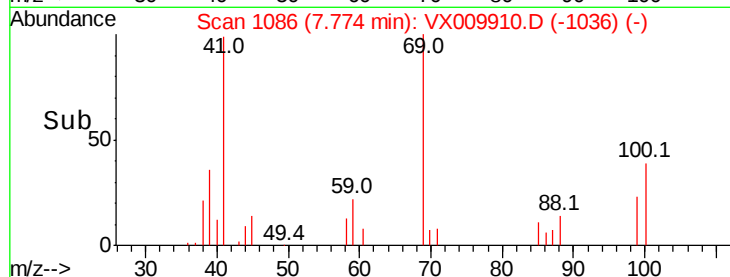
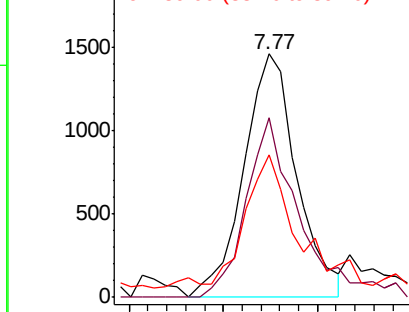
Tot Ion	Ratio	Lower	Upper
41	100		
69	74.3	56.4	84.6
39	59.6	40.6	60.8

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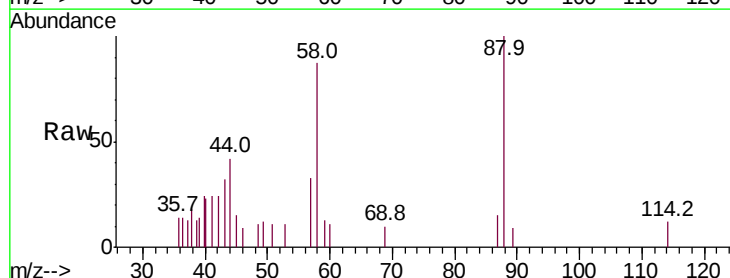


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

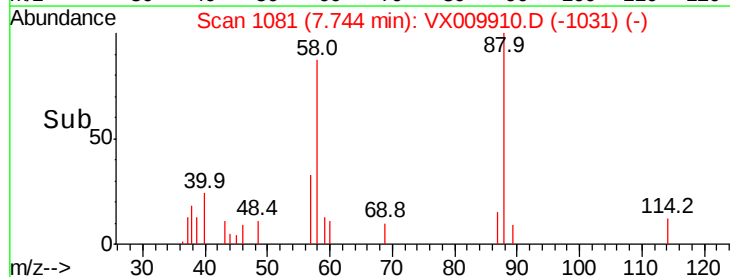
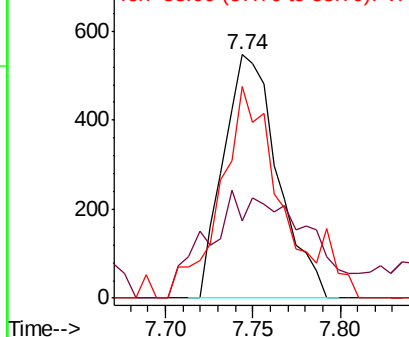


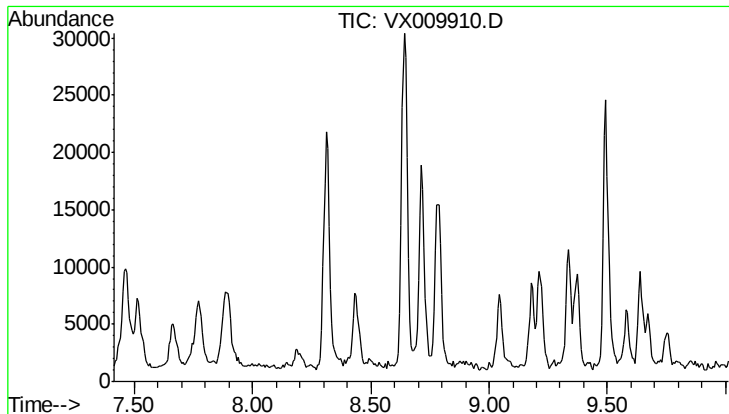
#49
1,4-Dioxane
Concen: 20.721 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009910.D
Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
88	100		
43	79.6	30.2	45.4#
58	91.3	64.0	96.0



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





#50

Toluene-d8

Concen: 0.000 ug/l

Expected RT: 8.71 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Tot Ion: 98

Sig Exp Ratio

98 100

100 64.4

Instrument :

MSVOA_X

ClientSampleId :

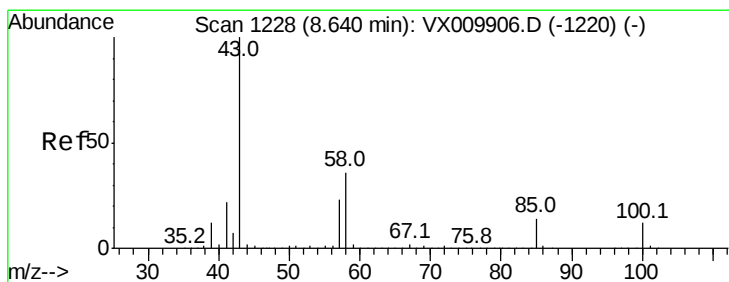
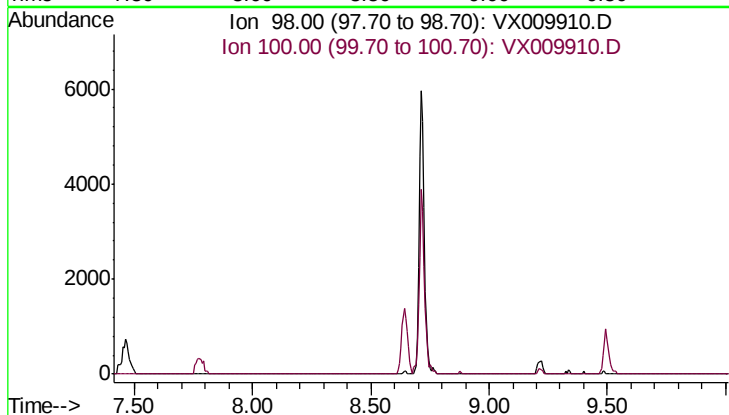
VSTDIC001

Manual Integrations

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#51

4-Methyl-2-Pentanone

Concen: 5.355 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009910.D

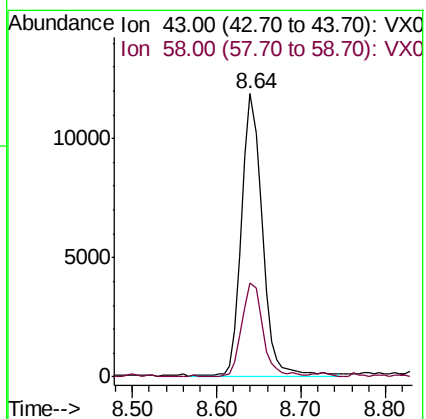
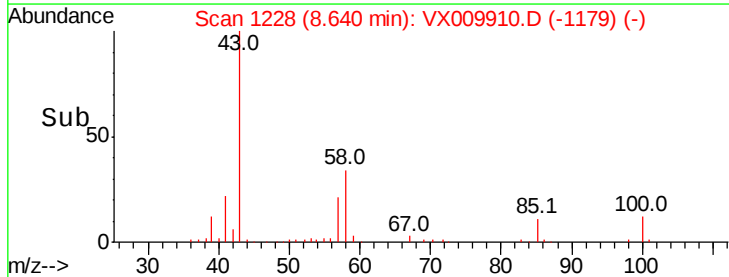
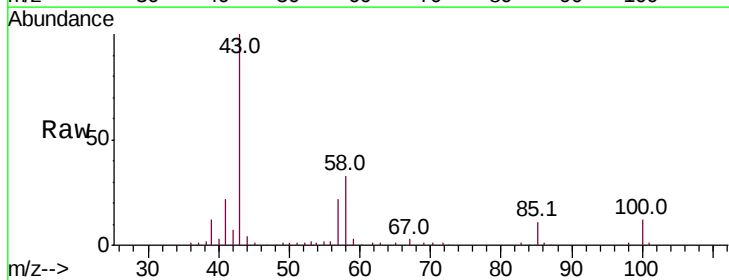
Acq: 28 May 2019 12:40

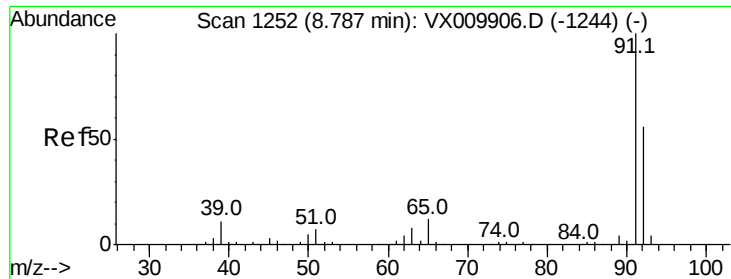
Tgt Ion: 43 Resp: 20047

Ion Ratio Lower Upper

43 100

58 33.1 28.8 43.2





#52

Toluene

Concen: 1.063 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 5098

Ion Ratio Lower Upper

92 100

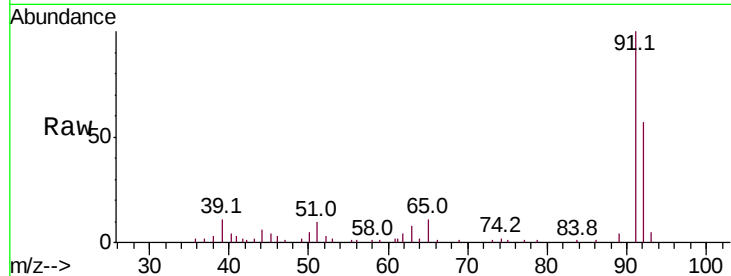
91 179.7 139.9 209.9

Manual Integrations

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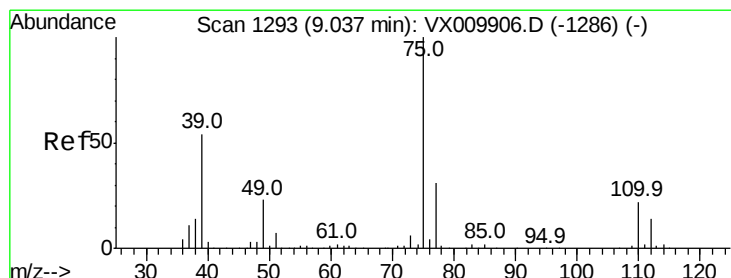
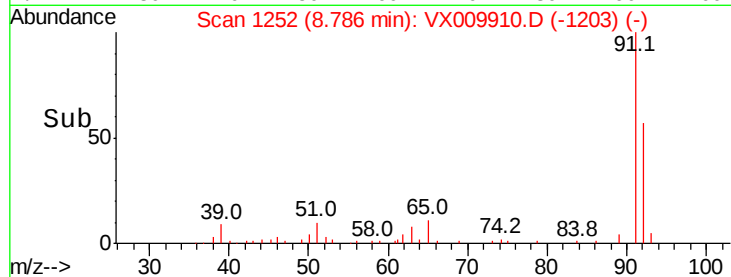
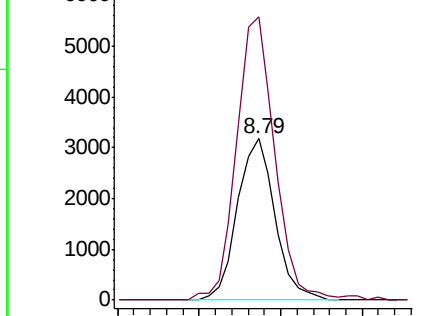
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.048 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX009910.D

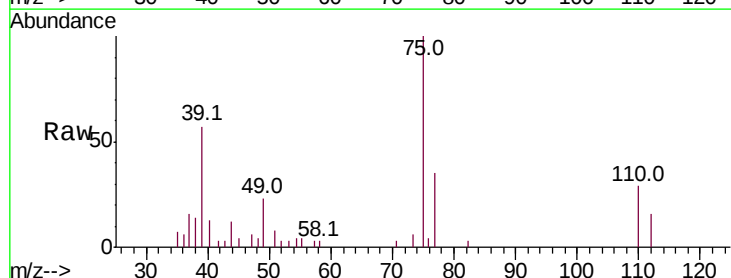
Acq: 28 May 2019 12:40

Tgt Ion: 75 Resp: 3078

Ion Ratio Lower Upper

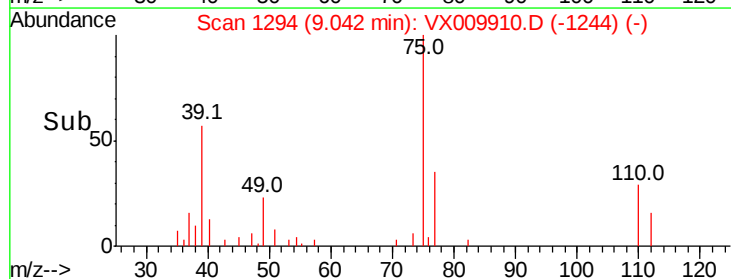
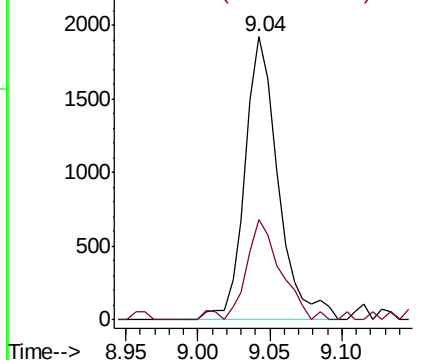
75 100

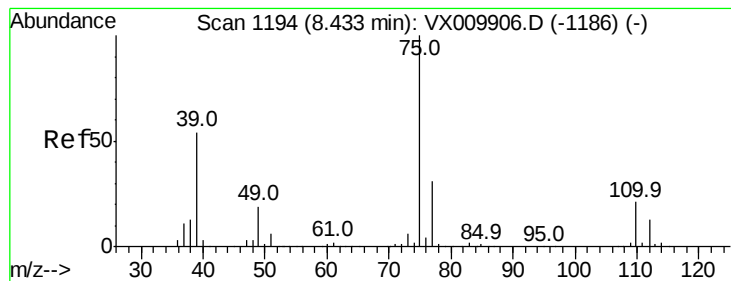
77 35.4 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

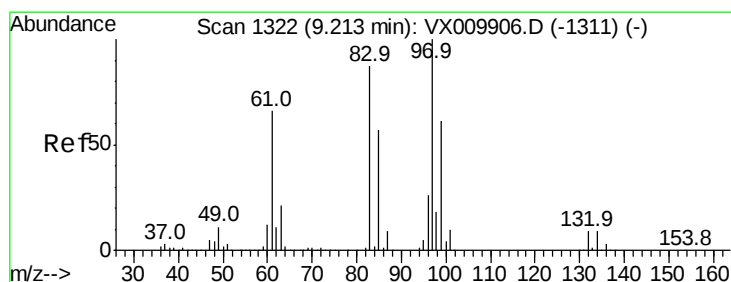
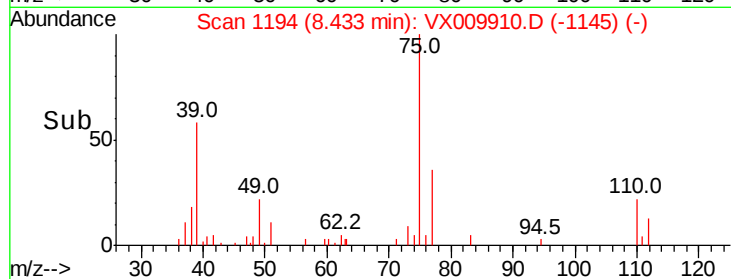
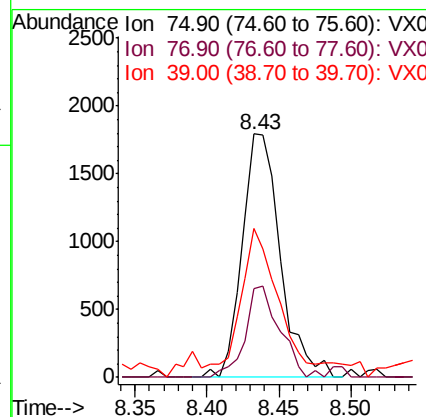
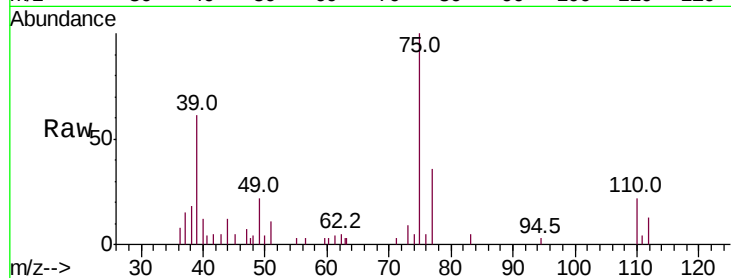
cis-1,3-Dichloropropene
 Concen: 1.016 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	36.2	24.8	37.2
39	55.6	43.4	65.0

Manual Integrations
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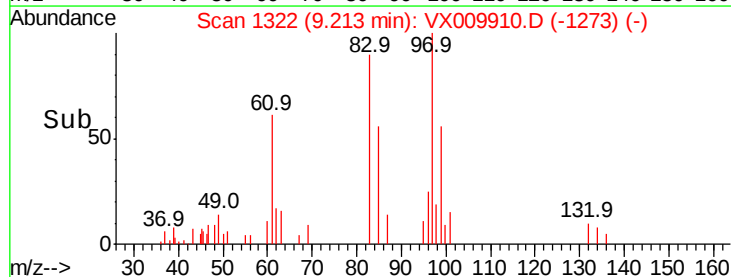
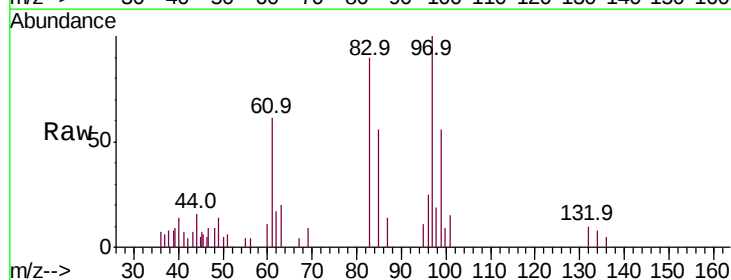
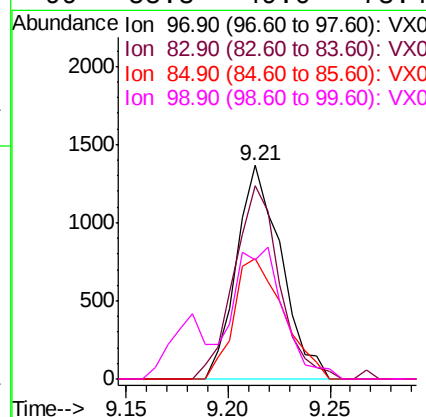
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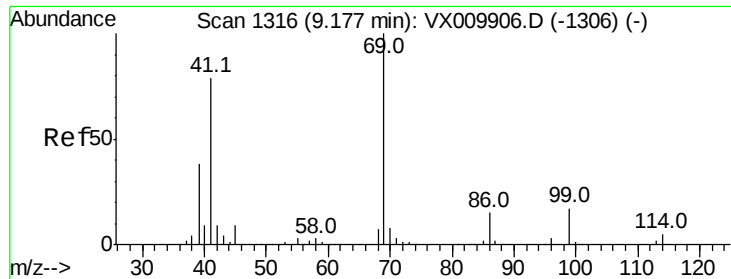


#55

1,1,2-Trichloroethane
 Concen: 1.067 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.4	69.8	104.8
85	56.2	45.3	67.9
99	55.8	49.0	73.4





#56

Ethyl methacrylate

Concen: 0.877 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

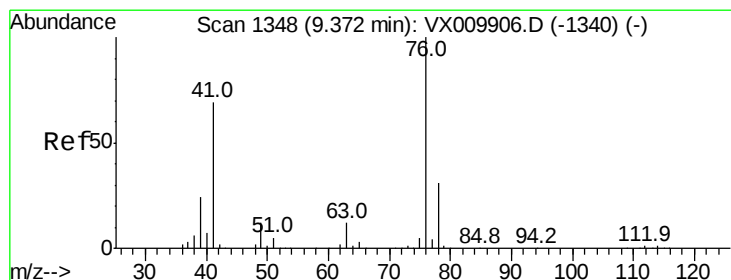
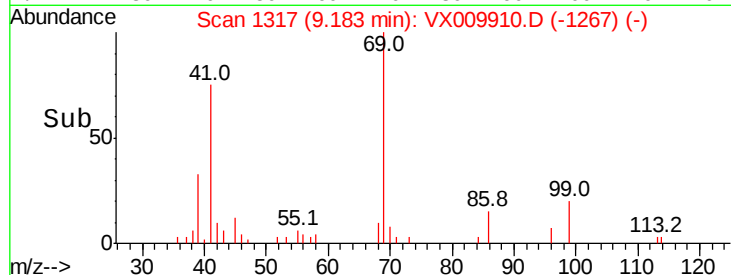
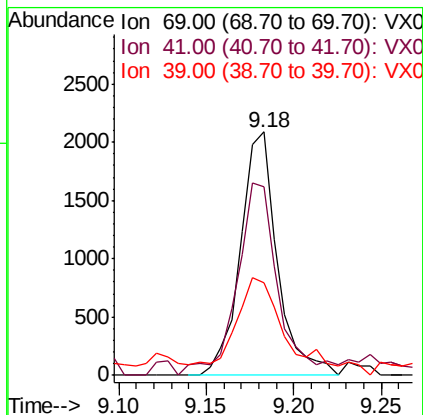
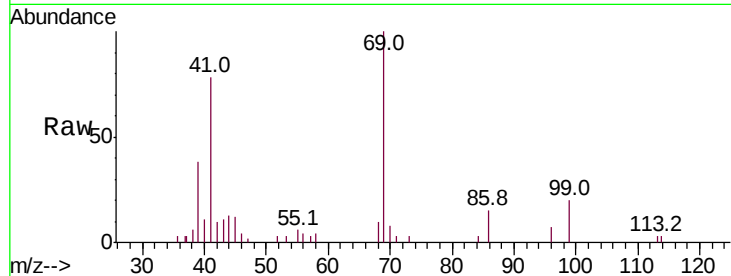
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	88.2	62.7	94.1
39	57.3	29.5	44.3

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.079 ug/l

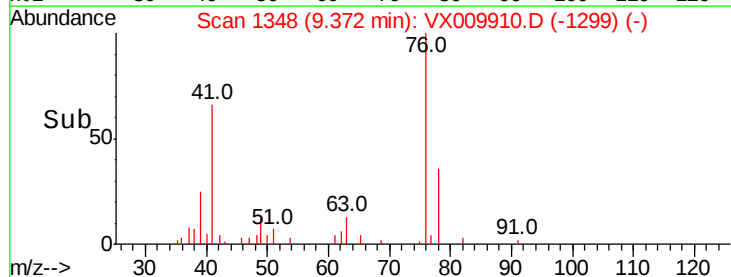
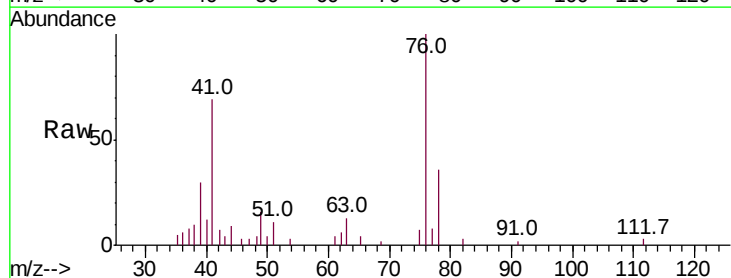
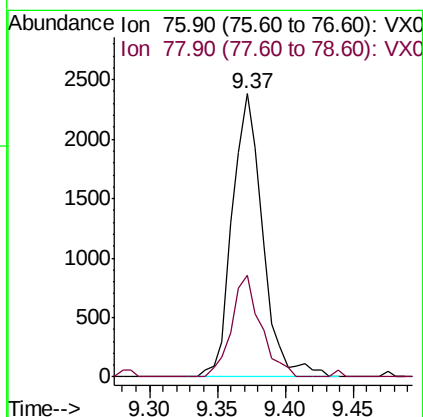
RT: 9.37 min Scan# 1348

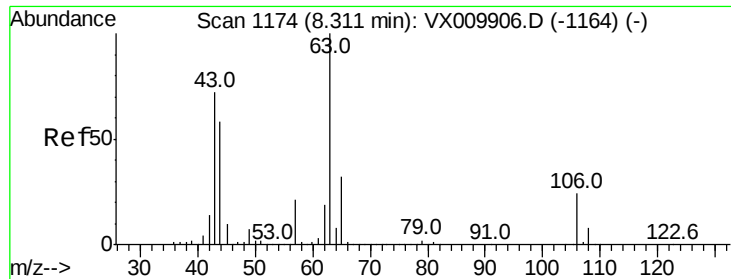
Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
76	100		
78	34.4	25.4	38.0





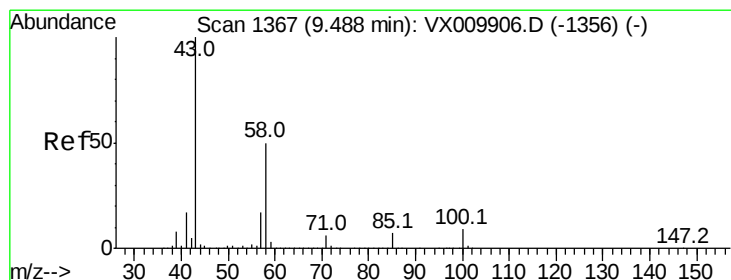
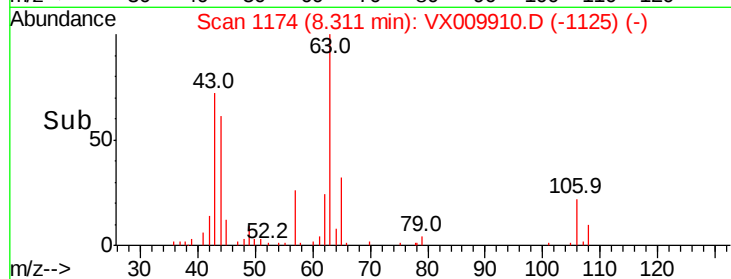
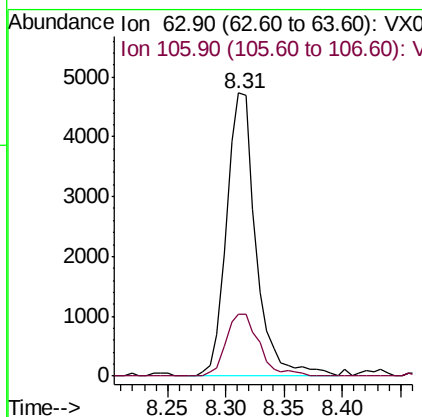
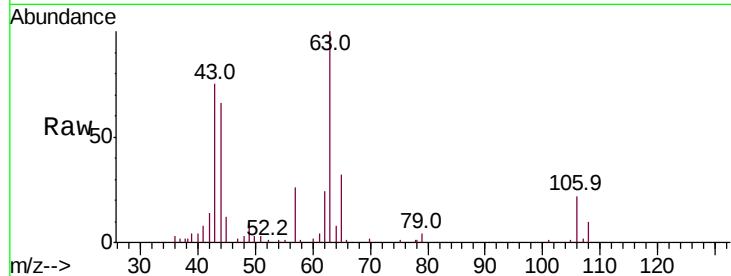
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.541 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 8344
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.4 29.2

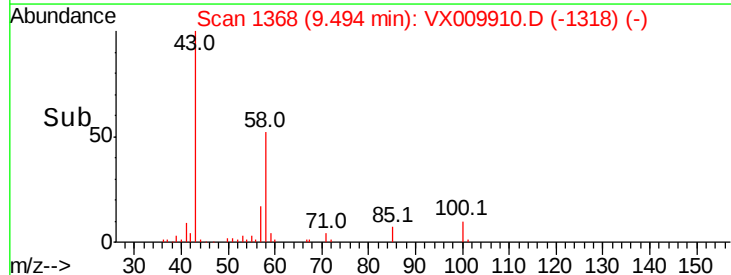
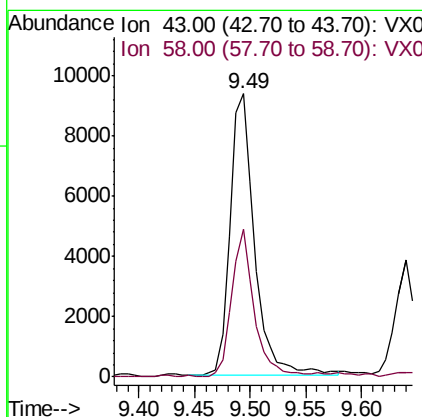
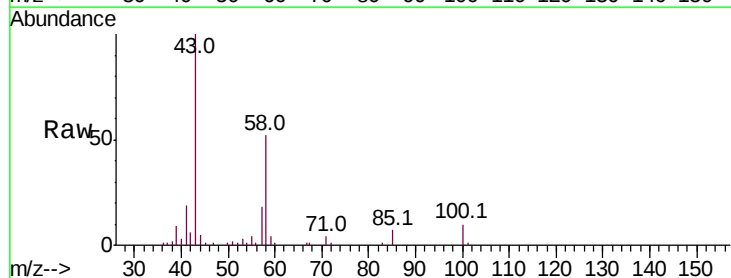
Manual Integrations
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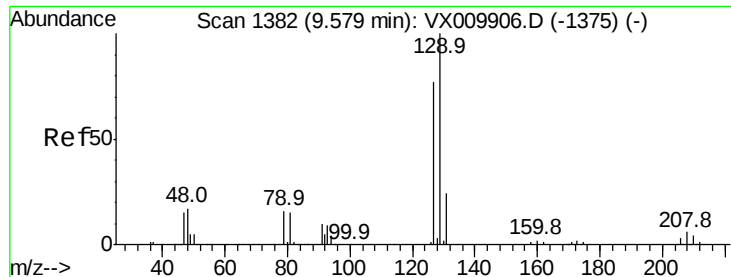
MMDadoda
 5/29/2019 9:25:04 AM



#59
 2-Hexanone
 Concen: 4.840 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion: 43 Resp: 14217
 Ion Ratio Lower Upper
 43 100
 58 48.4 25.1 75.3





#60

Dibromochloromethane

Concen: 0.915 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 1746

Ion Ratio Lower Upper

129 100

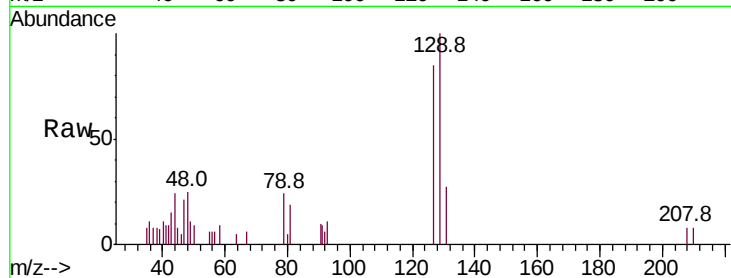
127 86.0 38.5 115.5

Manual Integrations

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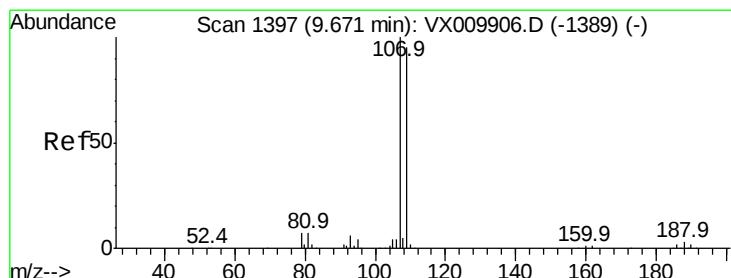
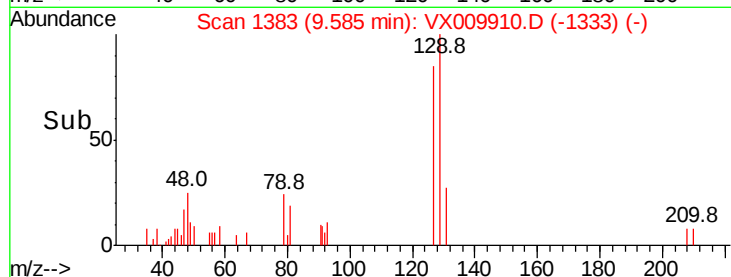
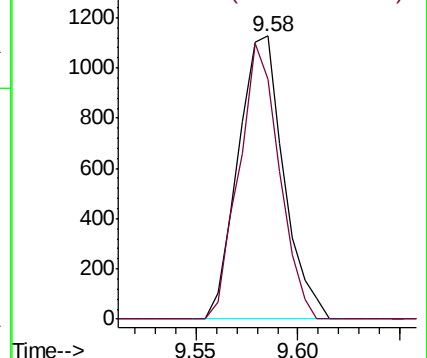
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.059 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009910.D

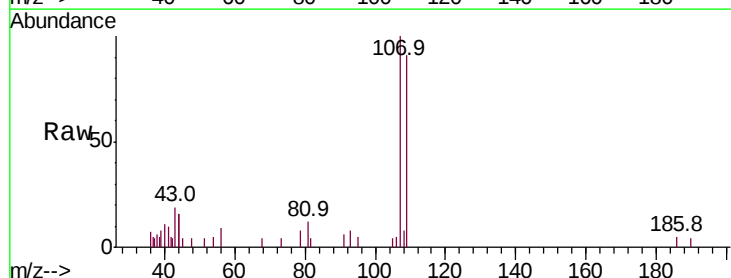
Acq: 28 May 2019 12:40

Tgt Ion:107 Resp: 2085

Ion Ratio Lower Upper

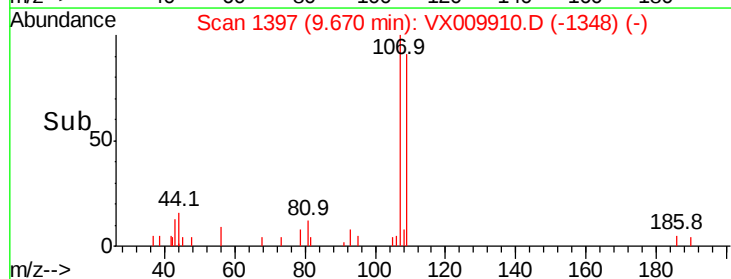
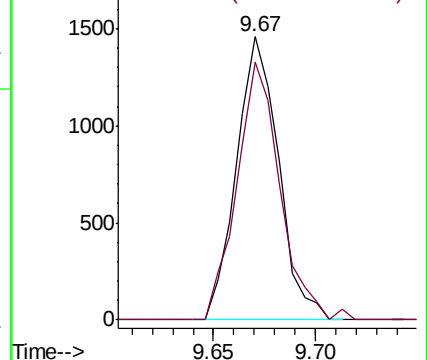
107 100

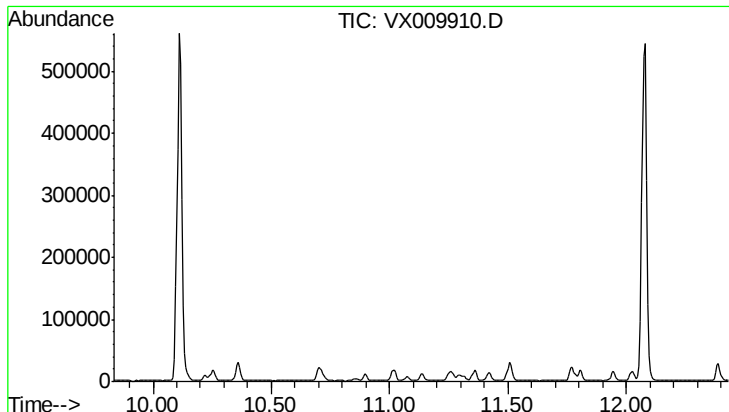
109 93.5 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.13 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Tot Ion: 95

Sig Exp Ratio

95 100

174 80.2

176 77.3

Instrument :

MSVOA_X

ClientSampleId :

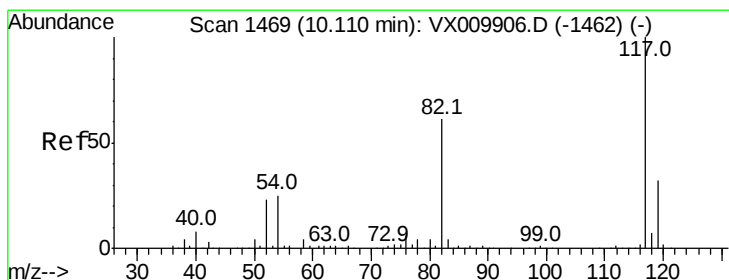
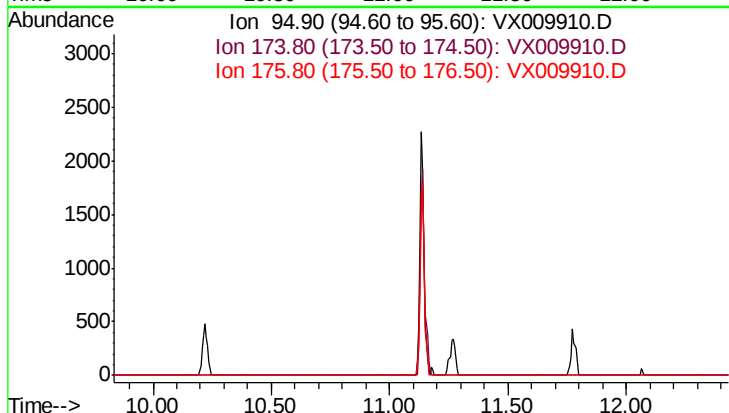
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

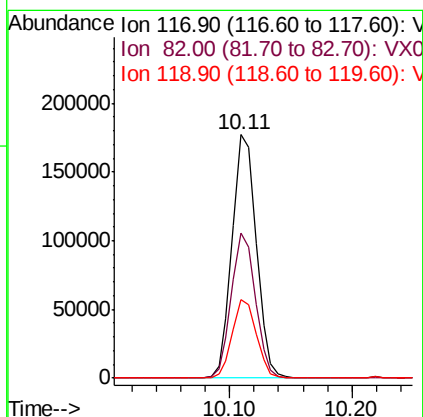
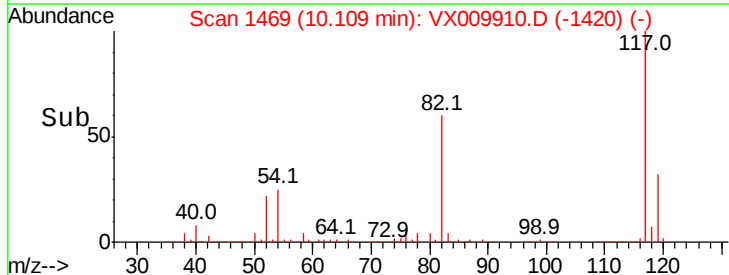
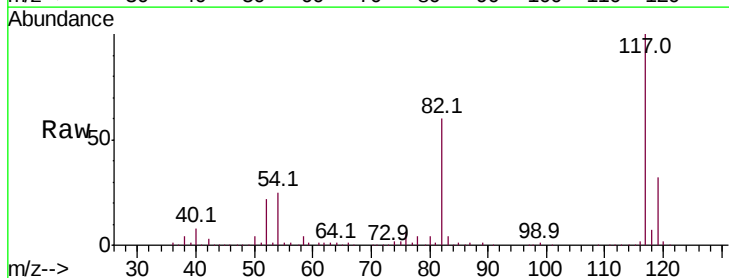
Tgt Ion: 117 Resp: 242469

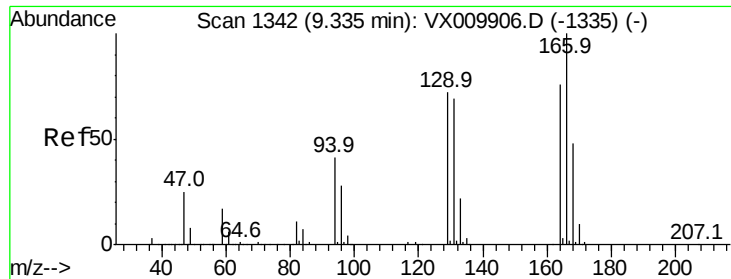
Ion Ratio Lower Upper

117 100

82 59.6 49.2 73.8

119 32.2 25.2 37.8





#64

Tetrachloroethene

Concen: 1.131 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 1895

Ion Ratio Lower Upper

164 100

166 146.9 105.0 157.4

129 100.0 75.1 112.7

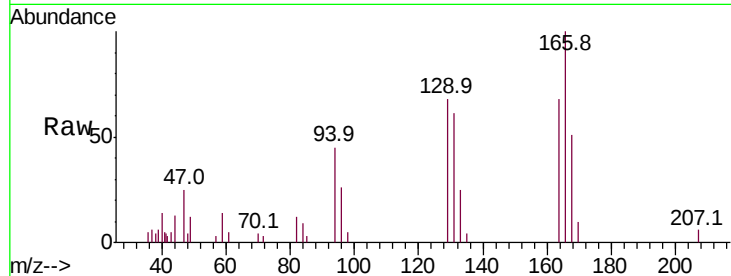
131 88.9 72.2 108.4

Manual Integrations

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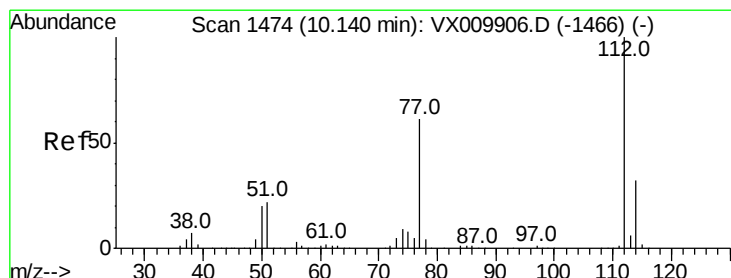
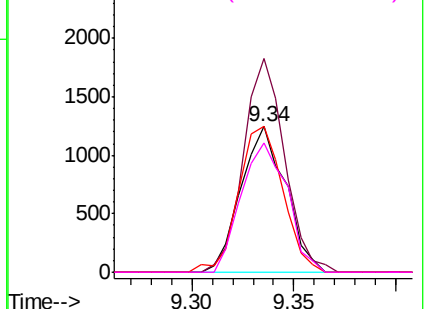
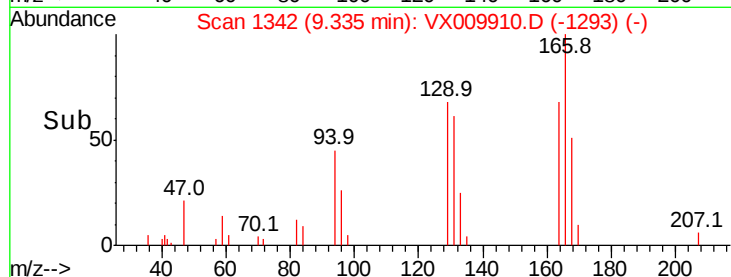


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.145 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX009910.D

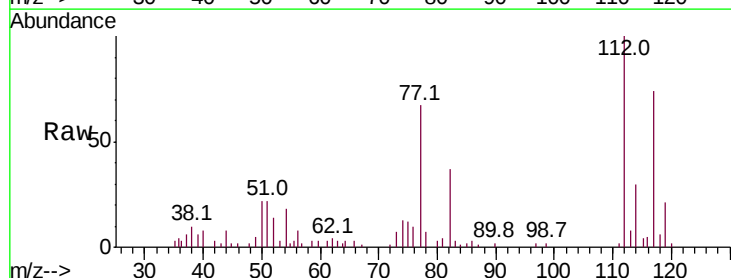
Acq: 28 May 2019 12:40

Tgt Ion:112 Resp: 5586

Ion Ratio Lower Upper

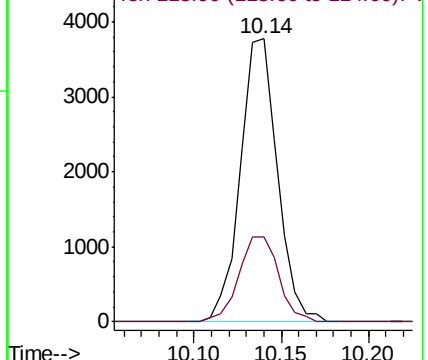
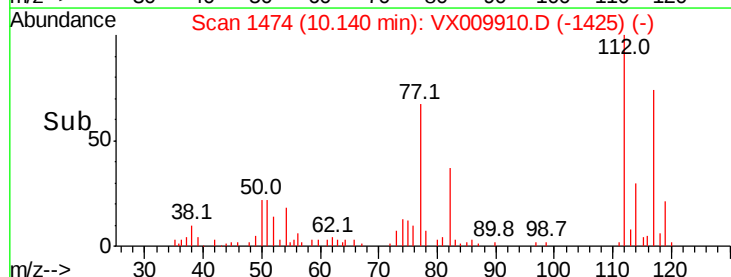
112 100

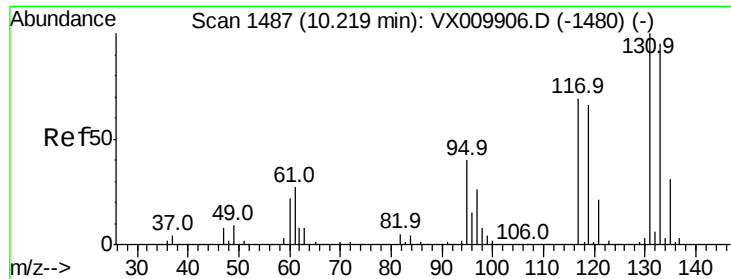
114 30.2 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.931 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

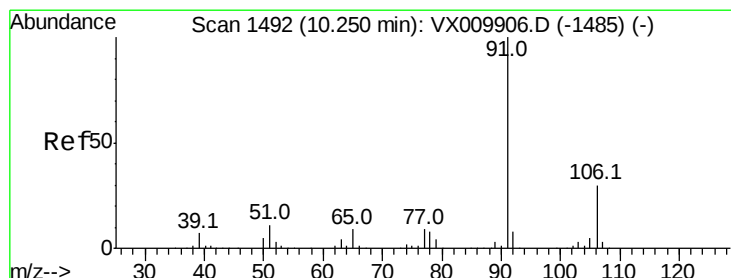
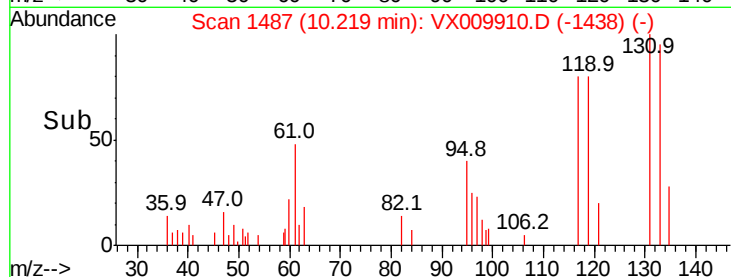
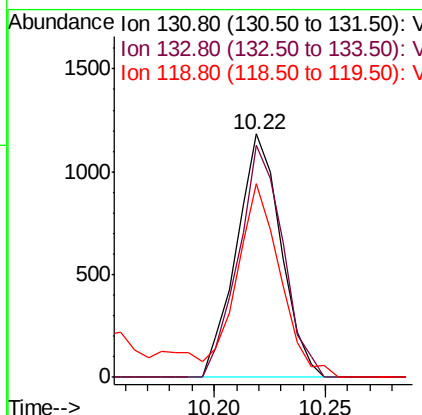
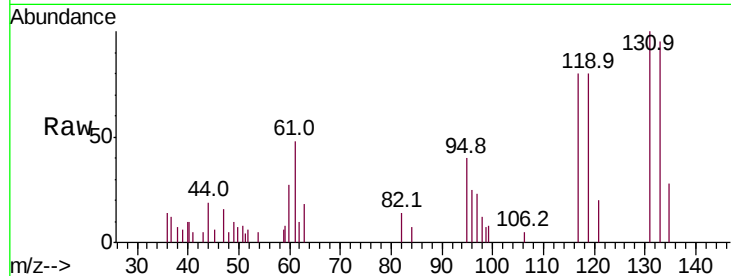
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.5	142.6
119	0.0	33.4	100.1#

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#67

Ethyl Benzene

Concen: 0.995 ug/l

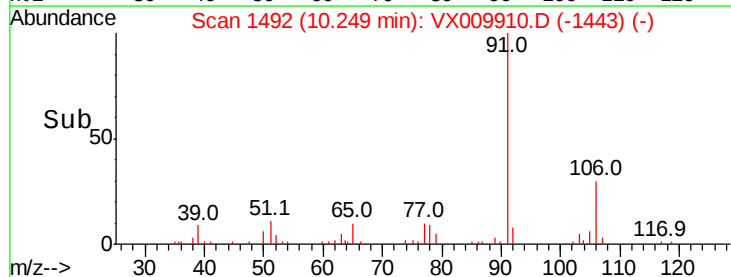
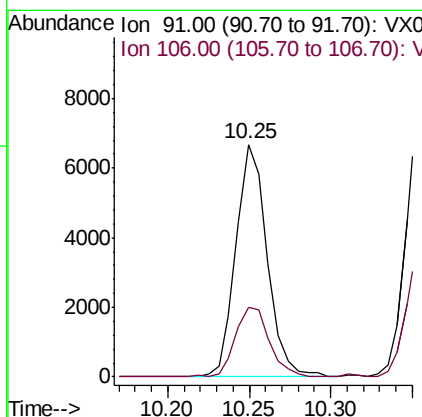
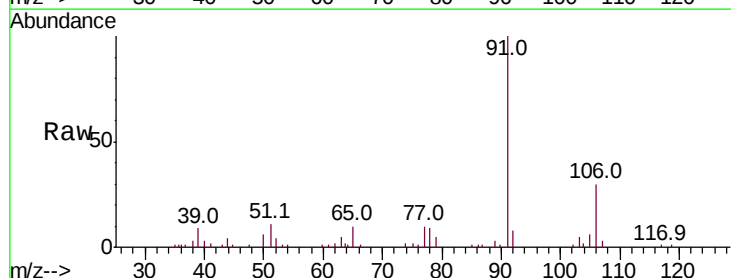
RT: 10.25 min Scan# 1492

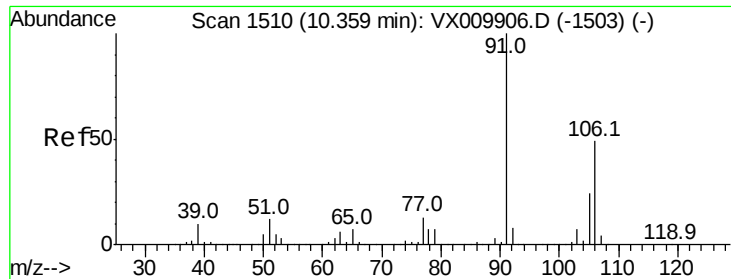
Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.1	23.9	35.9





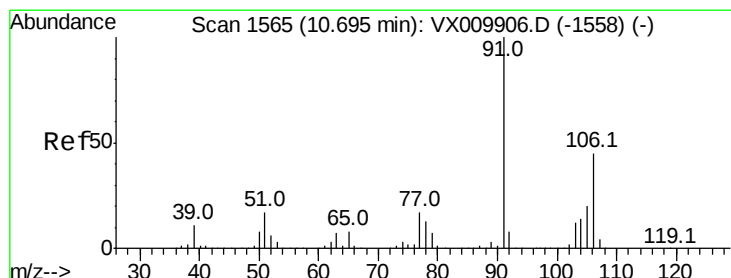
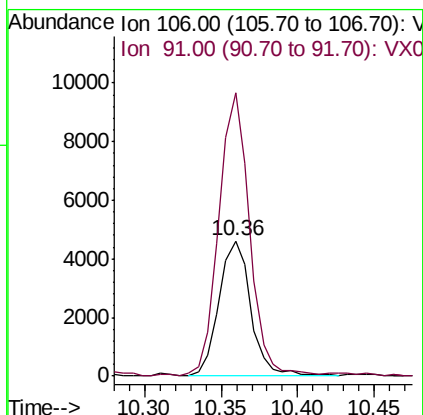
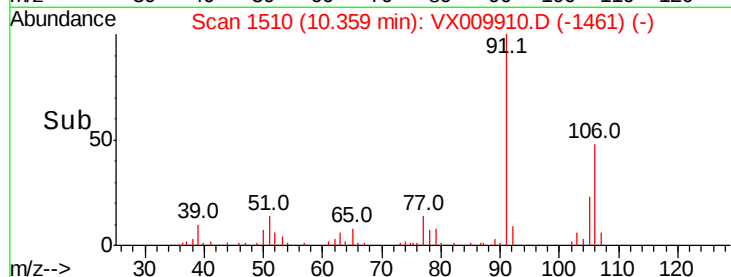
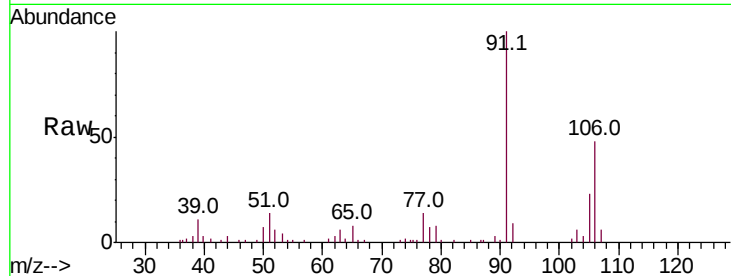
#68
m/p-Xylenes
Concen: 2.036 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009910.D
Acq: 28 May 2019 12:40

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 6691
Ion Ratio Lower Upper
106 100
91 202.8 167.3 250.9

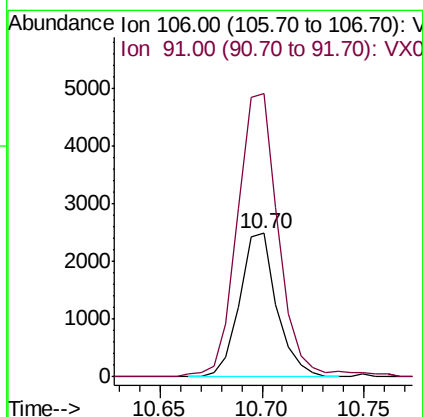
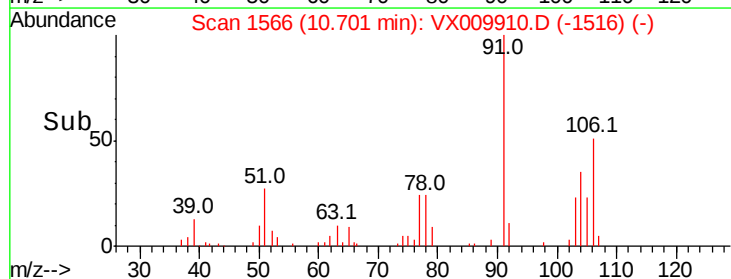
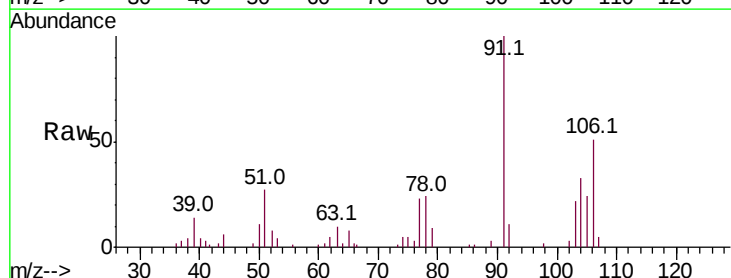
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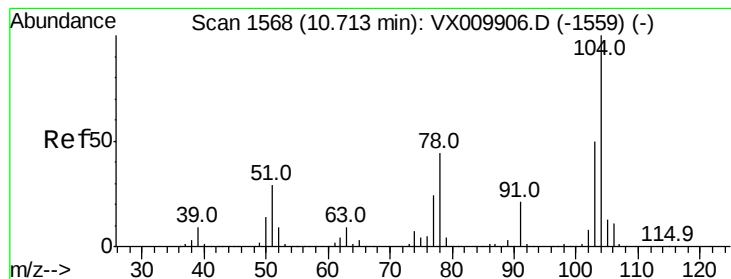
MMDadoda
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#69
o-Xylene
Concen: 0.972 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009910.D
Acq: 28 May 2019 12:40

Tgt Ion:106 Resp: 3150
Ion Ratio Lower Upper
106 100
91 219.6 110.4 331.2





#70

Stvrene

Concen: 0.960 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

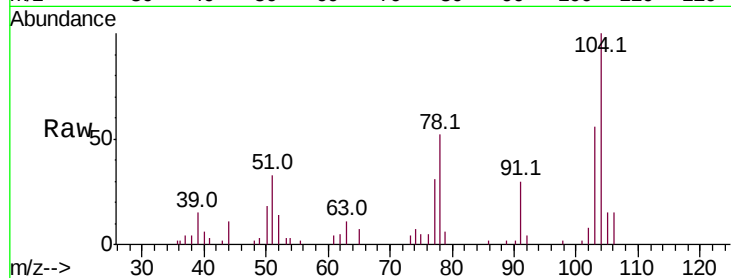
ClientSampleId :

VSTDIC001

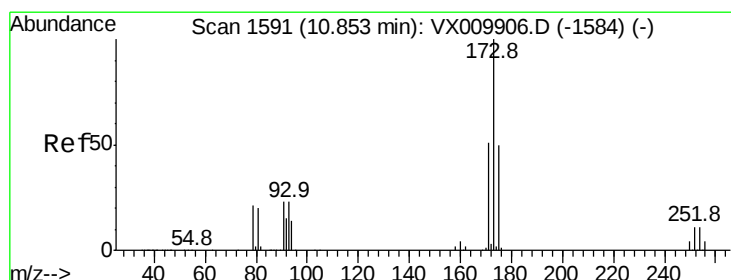
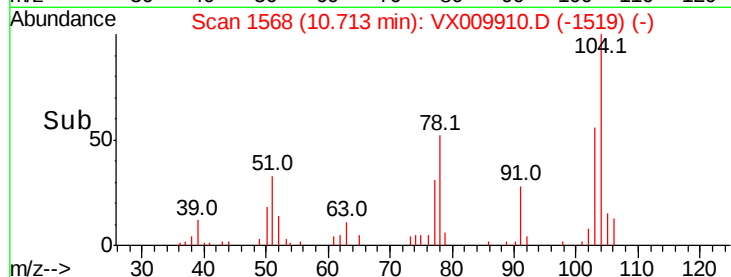
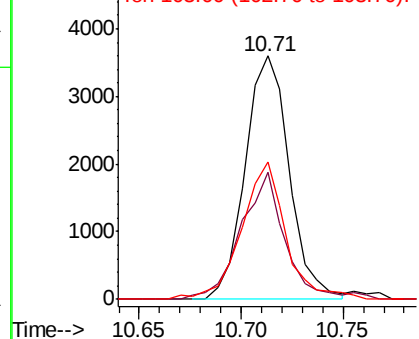
Tot Ion:	104	Resp:	5394
Ion Ratio	Lower	Upper	
104	100		
78	52.9	42.1	63.1
103	57.1	44.1	66.1

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Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.827 ug/l

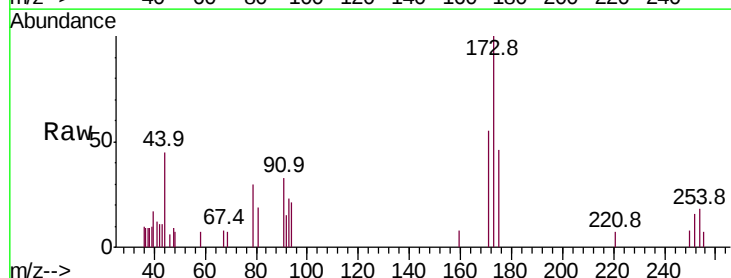
RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

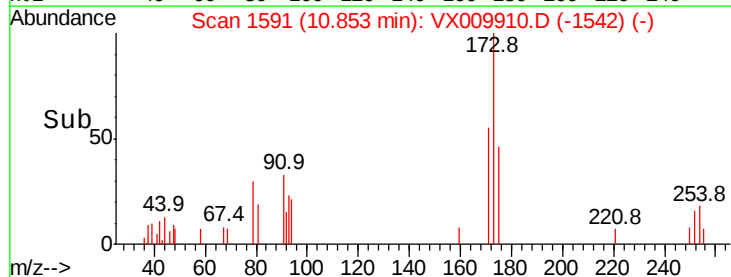
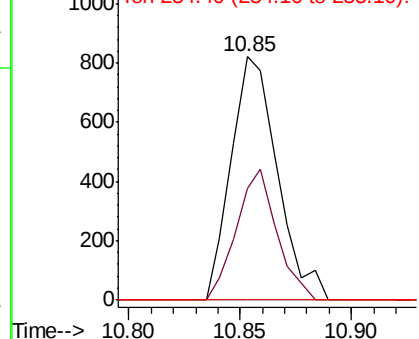
Lab File: VX009910.D

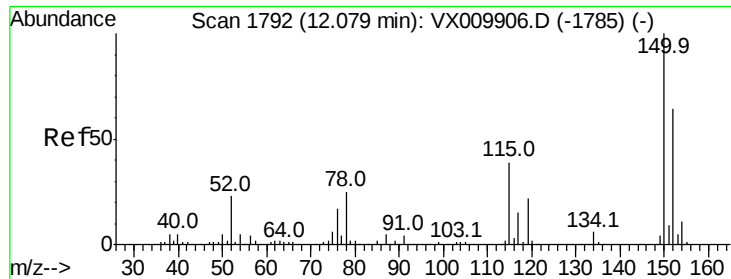
Acq: 28 May 2019 12:40

Tgt Ion:	173	Resp:	1189
Ion Ratio	Lower	Upper	
173	100		
175	47.0	25.0	75.0
254	0.0	0.2	0.2#



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: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

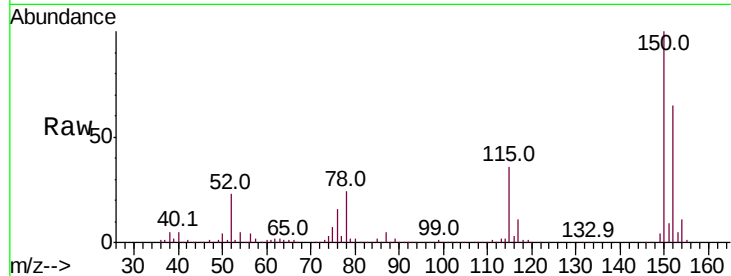
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.4	41.4	124.2
150	156.6	0.0	345.2

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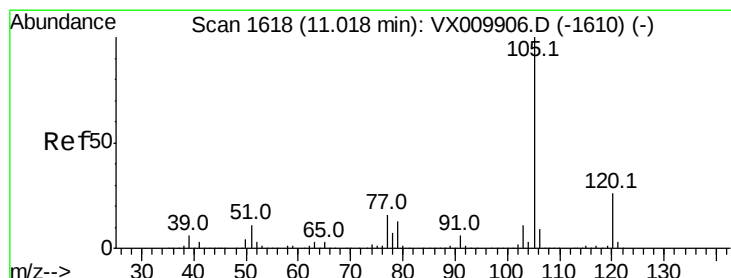
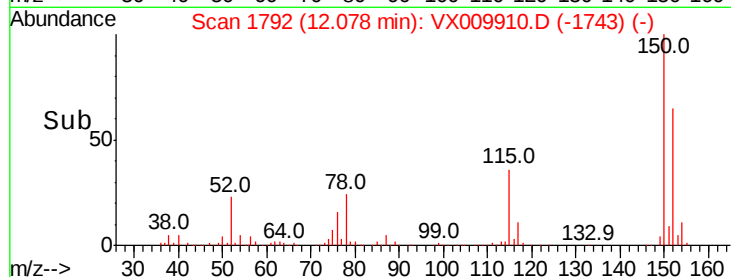
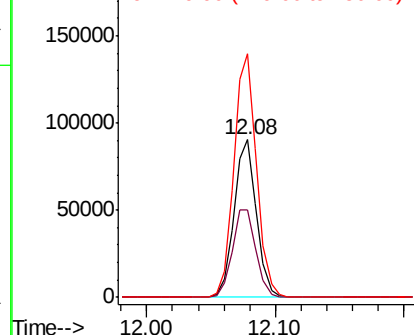


Abundance

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: 1.061 ug/l

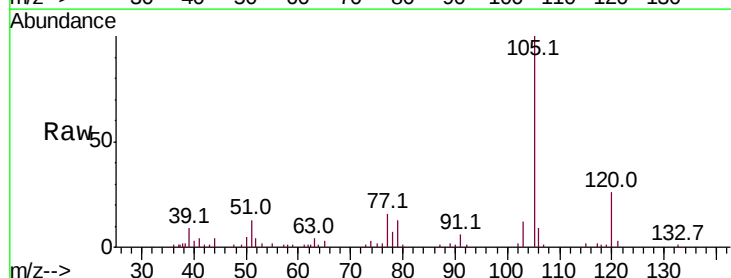
RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

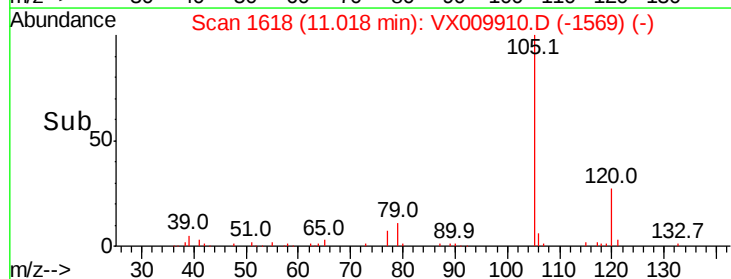
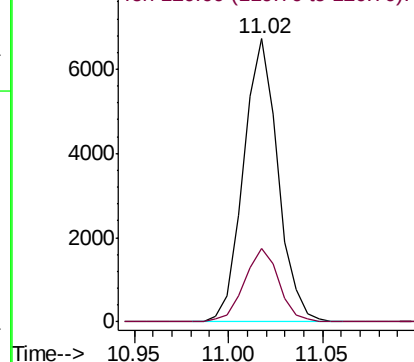
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.8	38.4

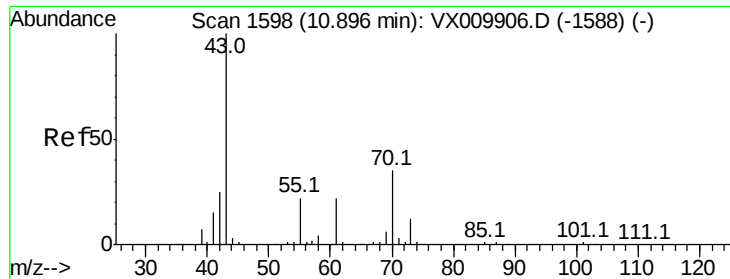


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.956 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

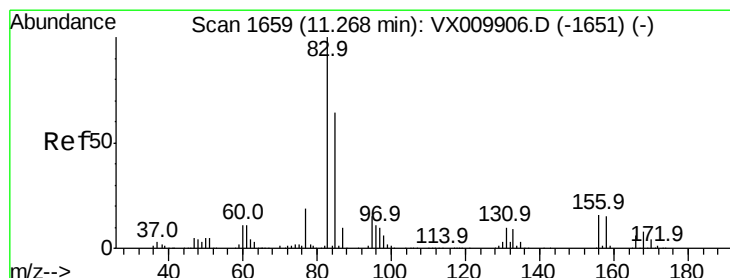
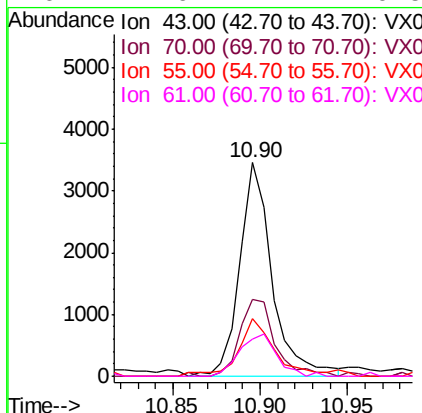
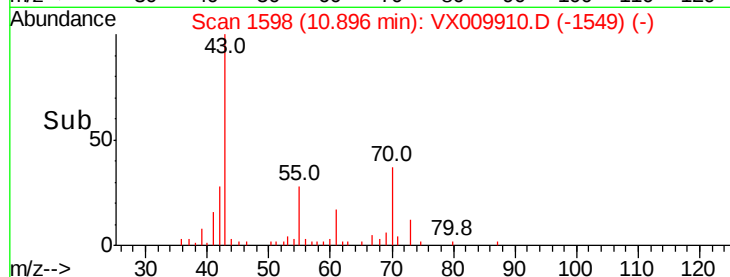
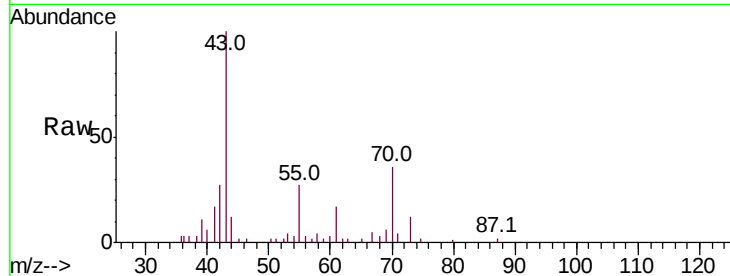
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	4478
Ion	Ratio	Lower	Upper
43	100		
70	38.7	28.6	43.0
55	29.9	17.8	26.8#
61	22.6	17.7	26.5

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.090 ug/l

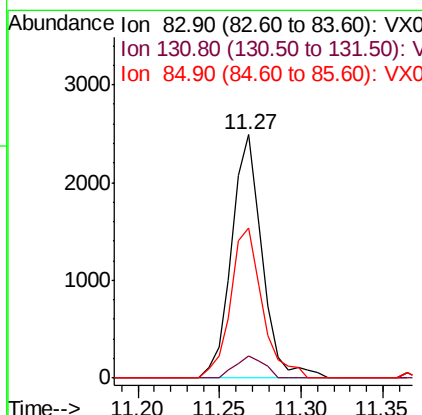
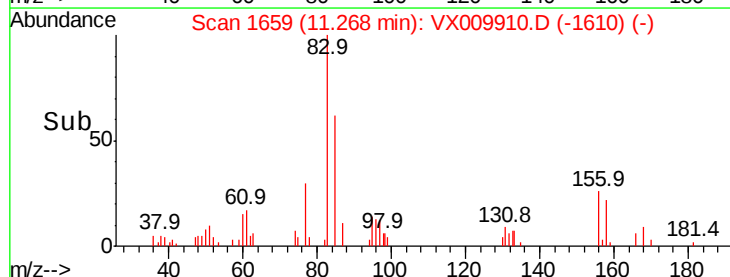
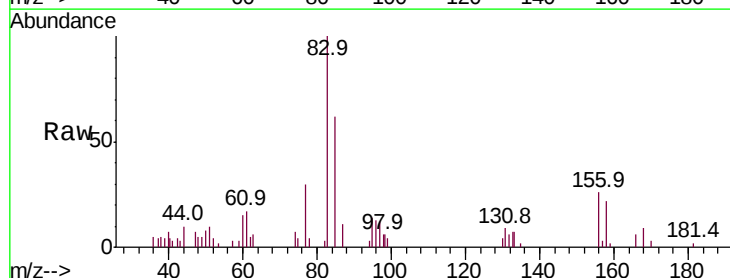
RT: 11.27 min Scan# 1659

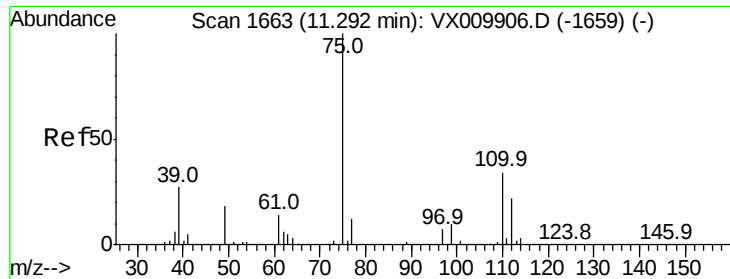
Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Tgt Ion:	83	Resp:	3238
Ion	Ratio	Lower	Upper
83	100		
131	8.3	4.7	14.1
85	63.9	31.9	95.9





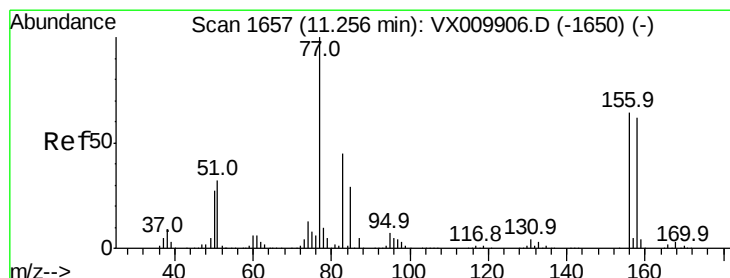
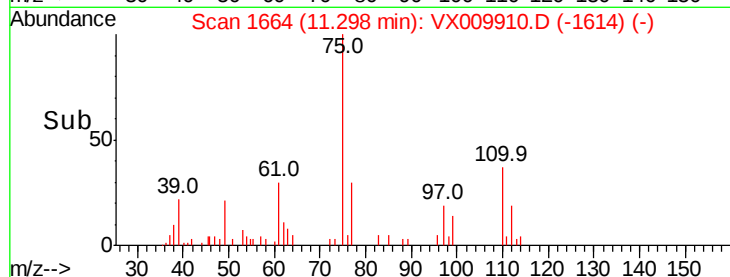
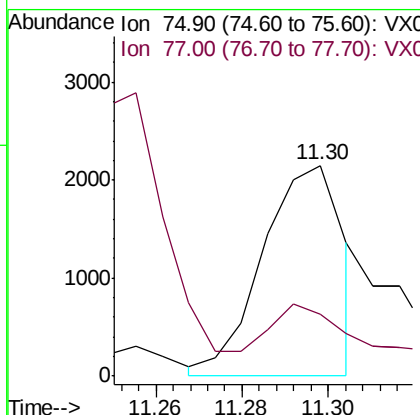
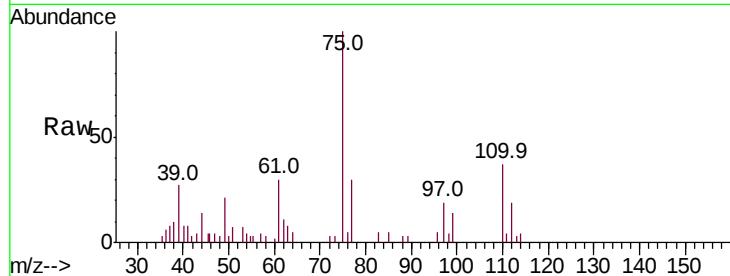
#76
 1,2,3-Trichloropropane
 Concen: 1.101 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 2813
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.1 66.1

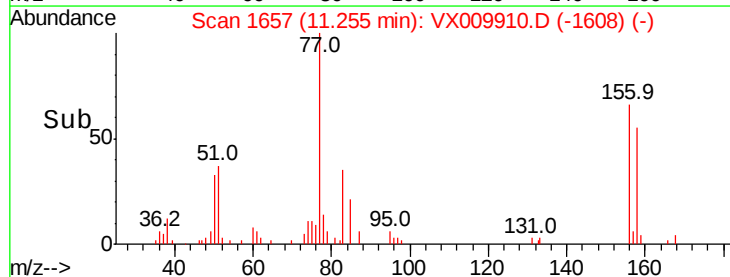
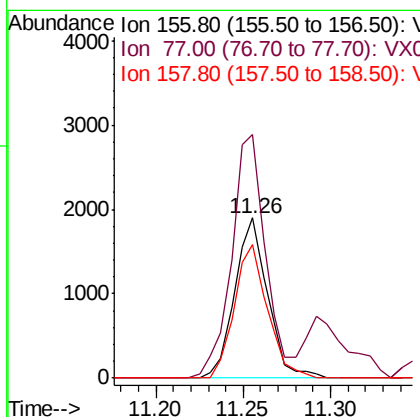
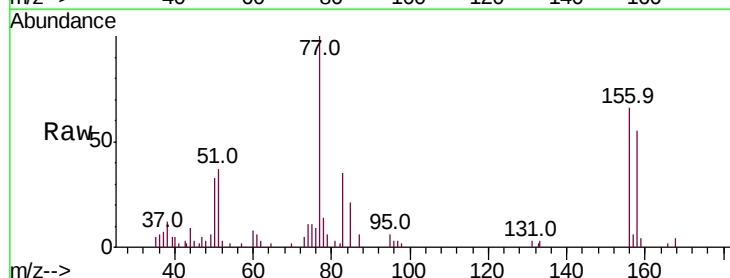
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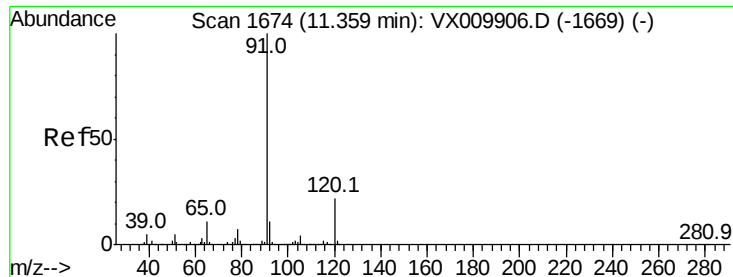
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#77
 Bromobenzene
 Concen: 1.255 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion: 156 Resp: 2491
 Ion Ratio Lower Upper
 156 100
 77 158.3 86.8 260.3
 158 83.7 49.6 148.8





#78

n-propylbenzene

Concen: 1.029 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 9426

Ion Ratio Lower Upper

91 100

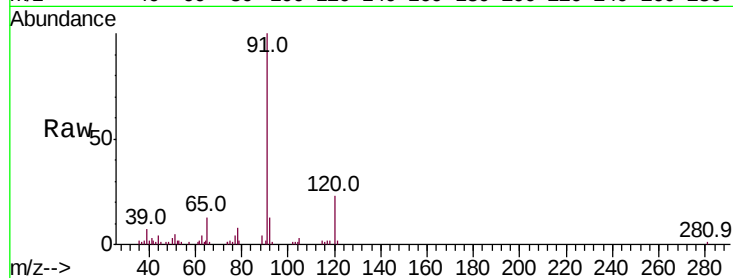
120 23.0 11.1 33.3

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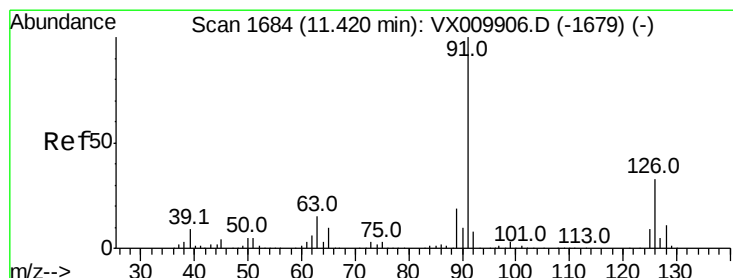
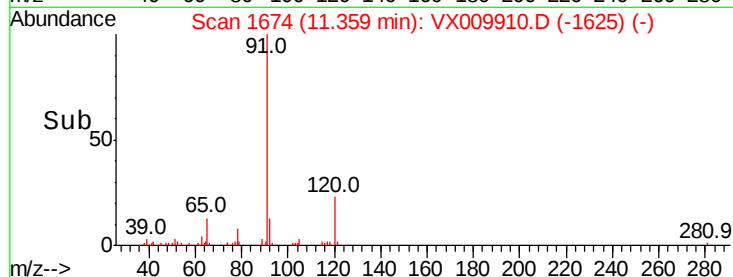
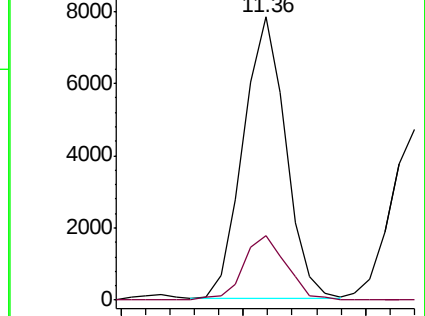
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.084 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009910.D

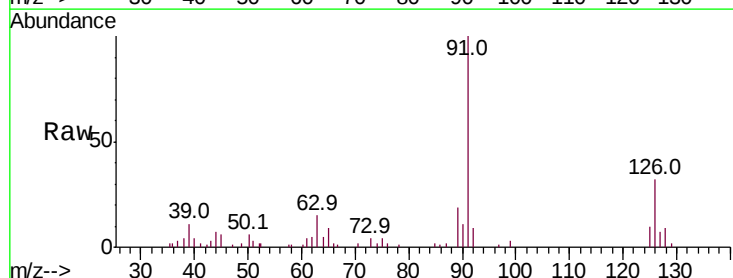
Acq: 28 May 2019 12:40

Tgt Ion: 91 Resp: 6130

Ion Ratio Lower Upper

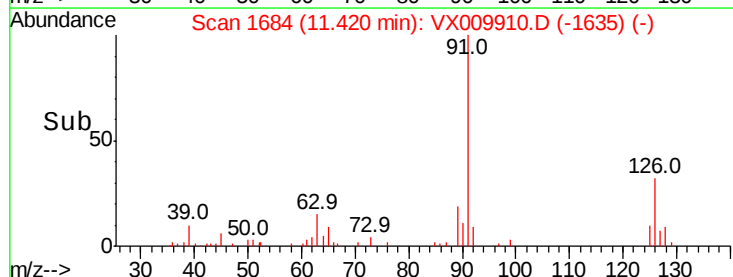
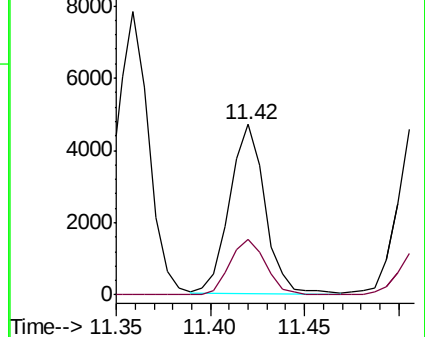
91 100

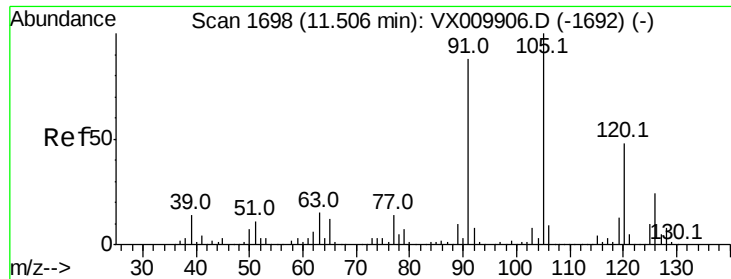
126 32.9 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





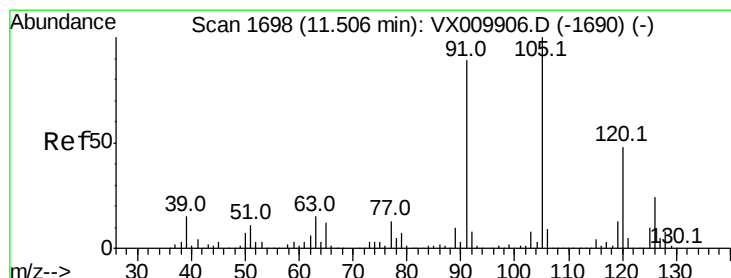
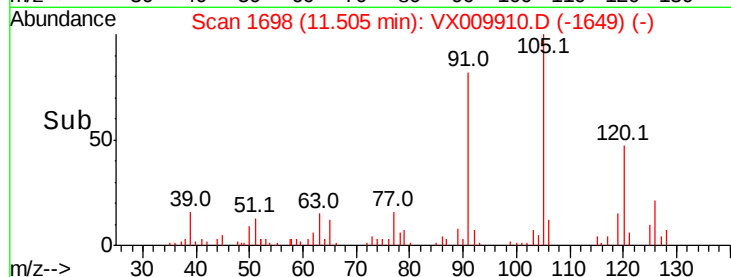
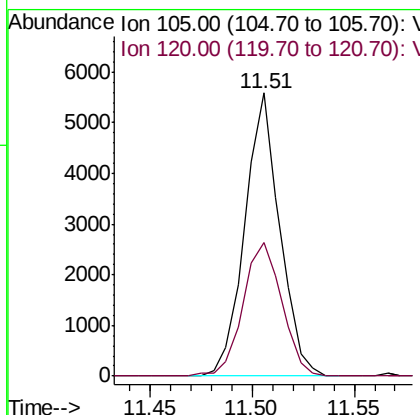
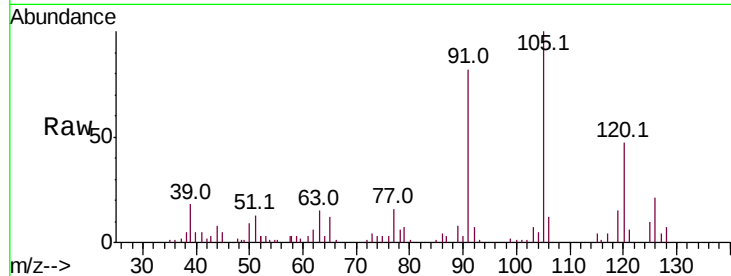
#80
1,3,5-Trimethylbenzene
Concen: 0.985 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009910.D
Acq: 28 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:105 Resp: 6649
Ion Ratio Lower Upper
105 100
120 52.3 24.1 72.3

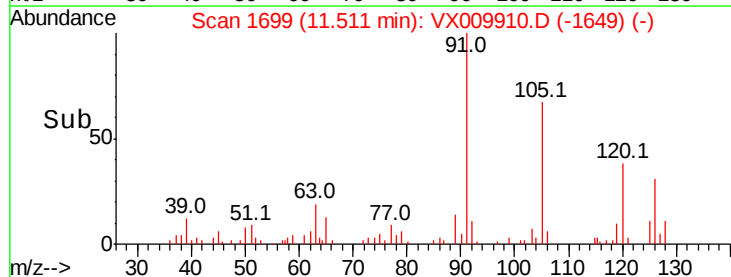
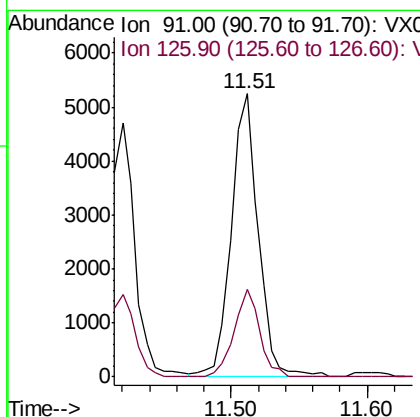
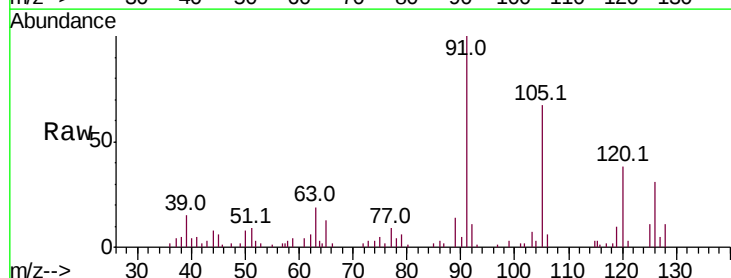
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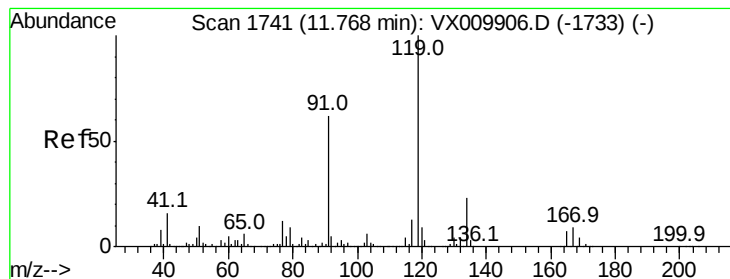
MMDadoda
5/29/2019 9:25:04 AM



#82
4-Chlorotoluene
Concen: 1.132 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009910.D
Acq: 28 May 2019 12:40

Tgt Ion: 91 Resp: 7236
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.965 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

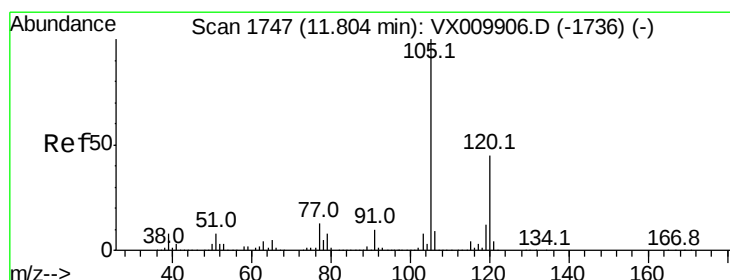
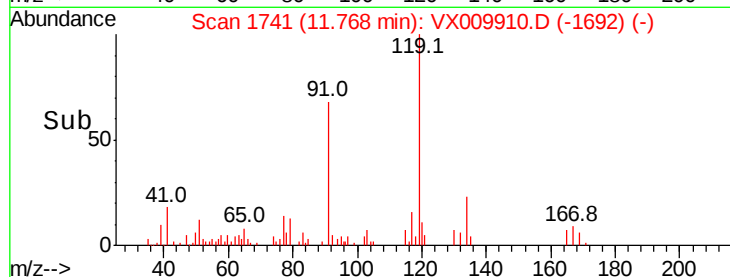
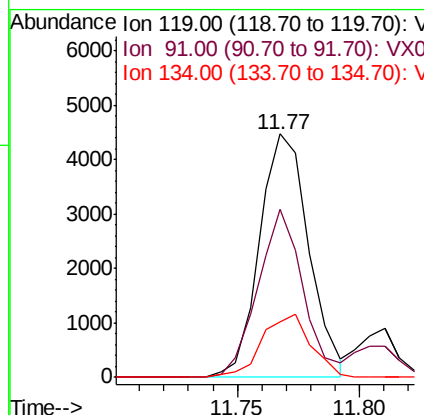
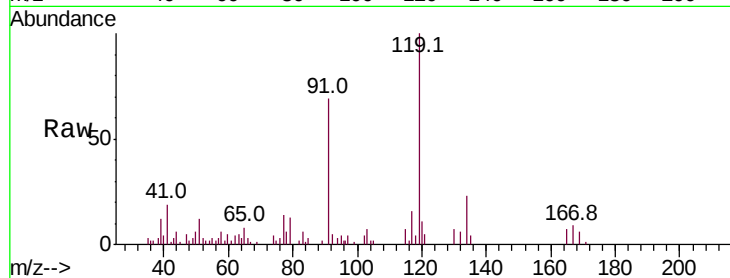
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	6324
Ion Ratio	Lower	Upper	
119	100		
91	63.2	30.0	90.0
134	25.6	11.2	33.5

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#84

1,2,4-Trimethylbenzene

Concen: 1.017 ug/l

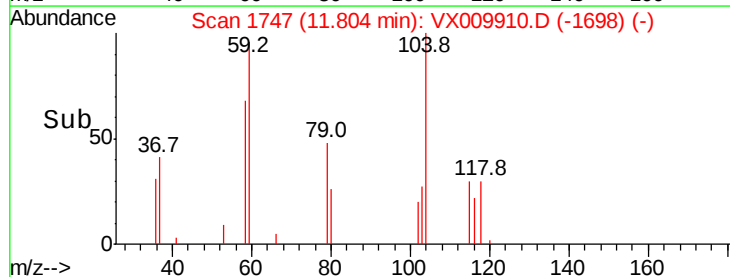
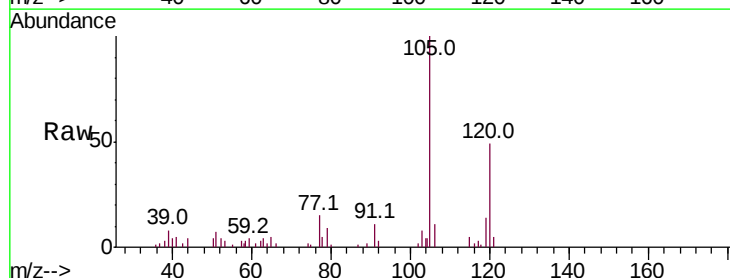
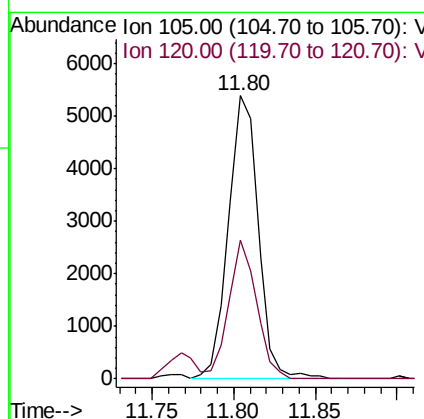
RT: 11.80 min Scan# 1747

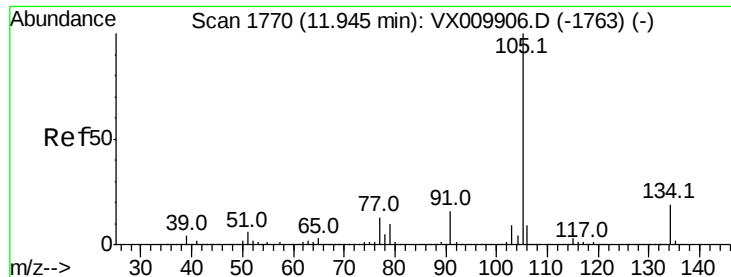
Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Tgt Ion:	105	Resp:	6889
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.1	66.1





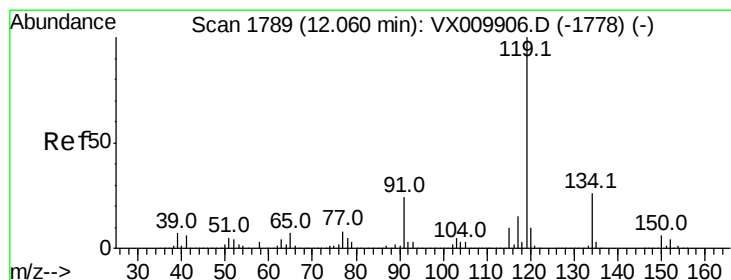
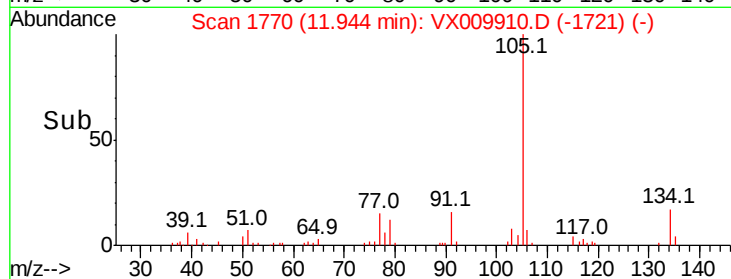
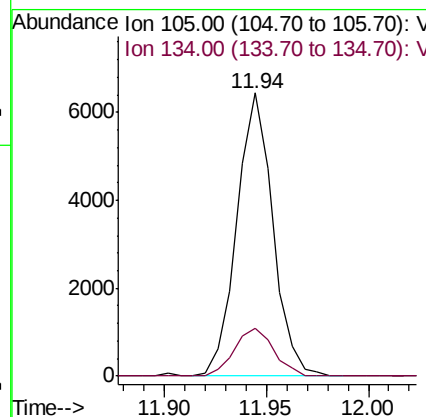
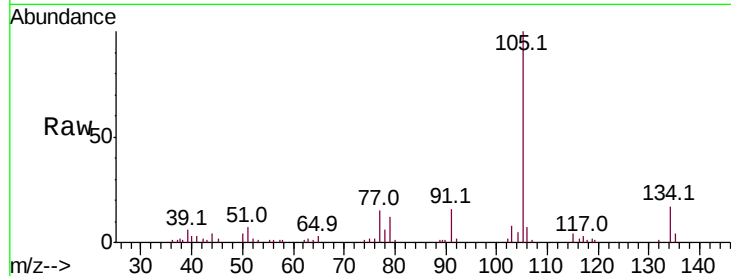
#85
 sec-Butylbenzene
 Concen: 1.010 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.6	9.7	28.9

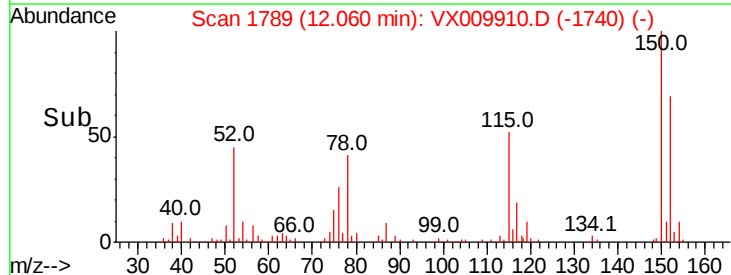
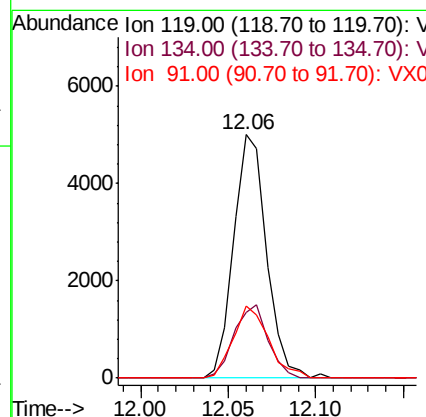
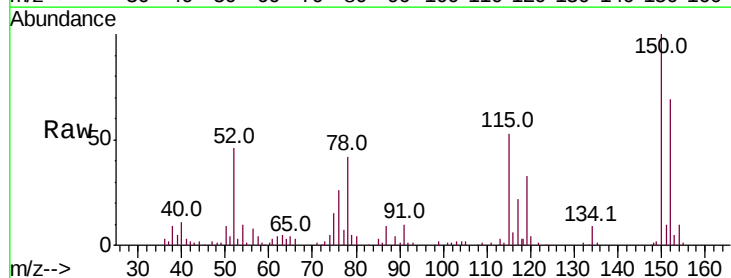
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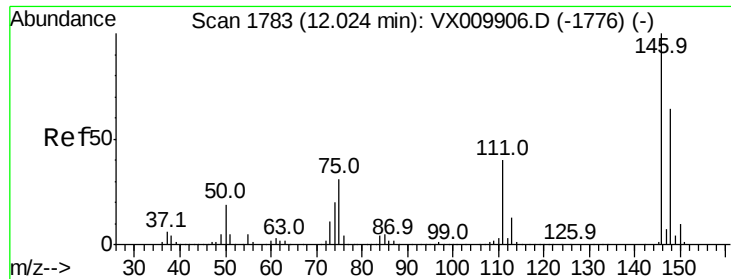
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 5/29/2019 9:25:04 AM



#86
 p-Isopropyltoluene
 Concen: 0.937 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	31.2	12.9	38.6
91	32.0	11.9	35.9





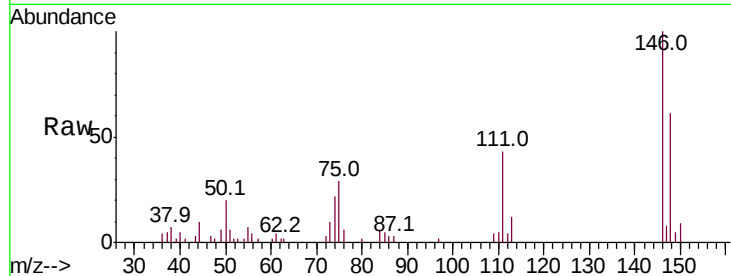
#87
 1,3-Dichlorobenzene
 Concen: 1.205 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

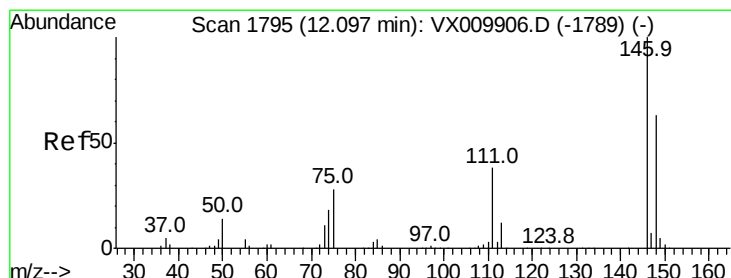
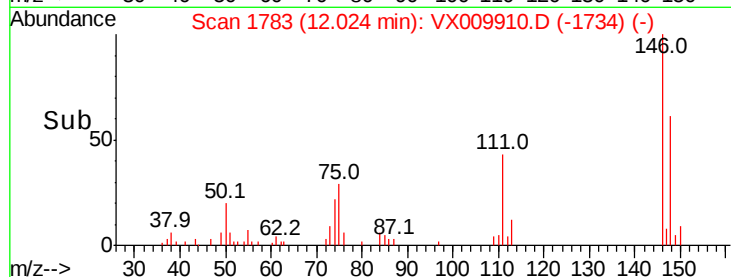
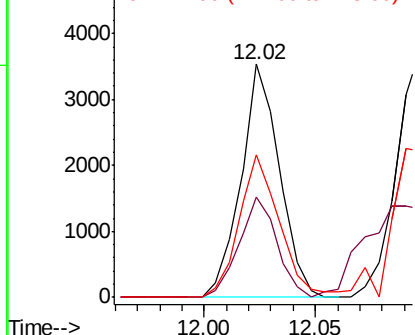
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.1	60.2
148	63.7	31.9	95.5

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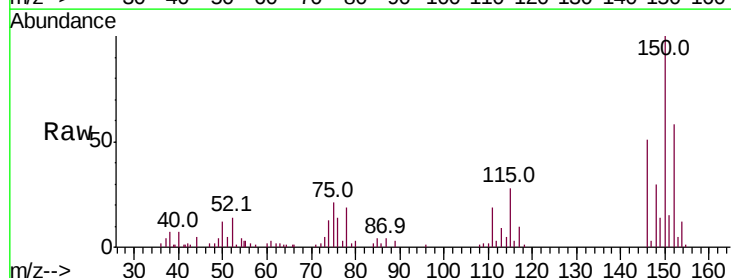


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

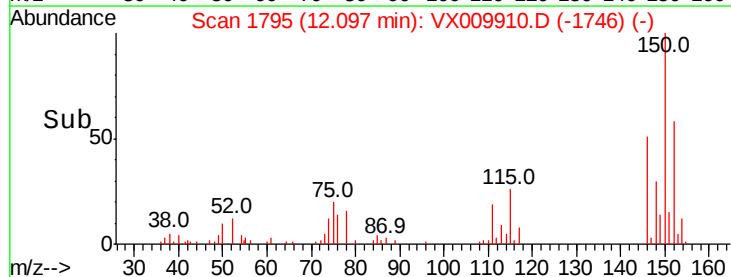
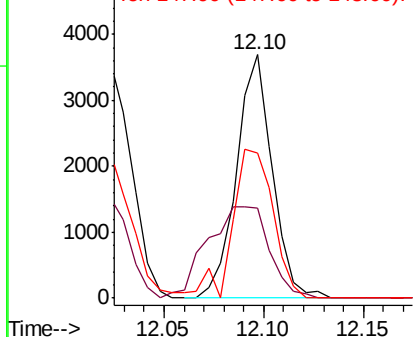


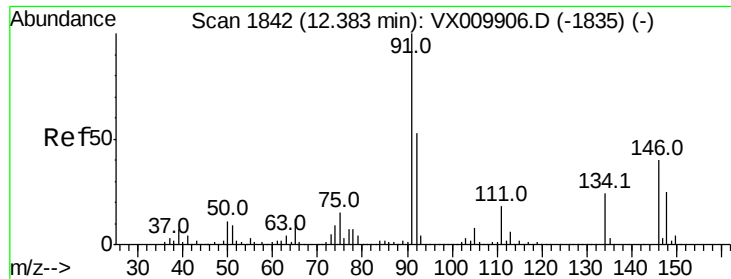
#88
 1,4-Dichlorobenzene
 Concen: 1.290 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.0	59.9
148	59.0	32.3	96.9



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





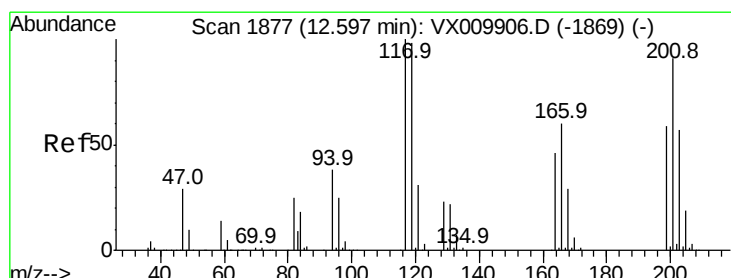
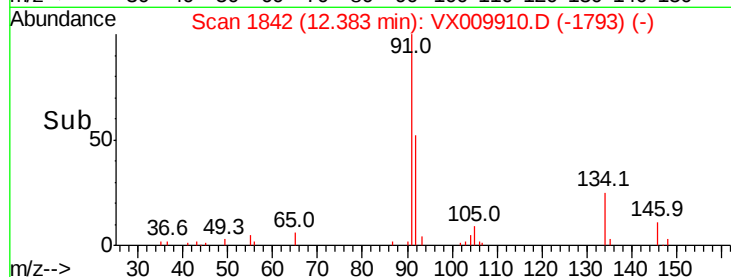
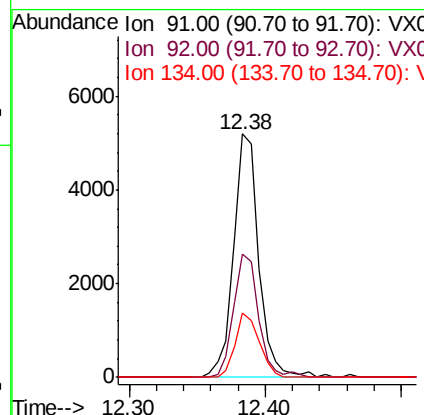
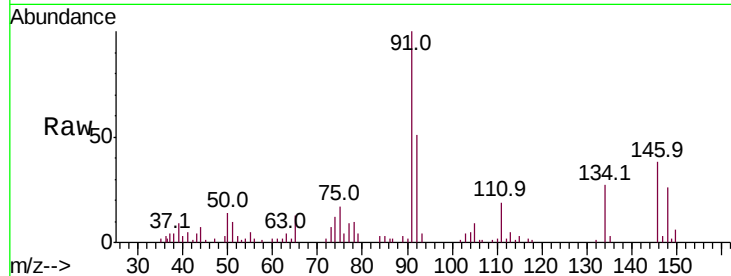
#89
n-Butylbenzene
Concen: 1.052 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009910.D
Acq: 28 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.3	26.3	78.8
134	25.0	12.3	36.8

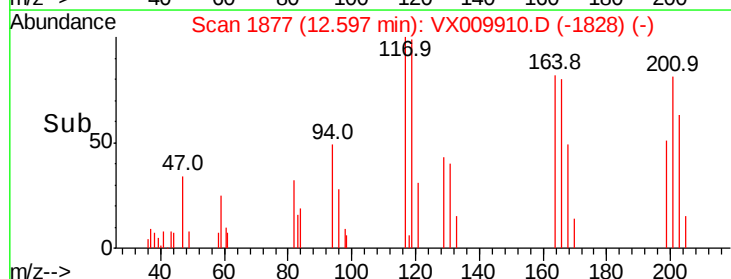
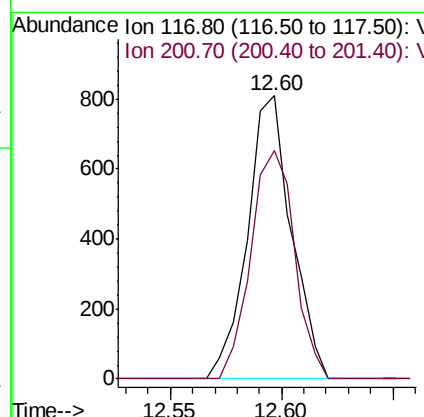
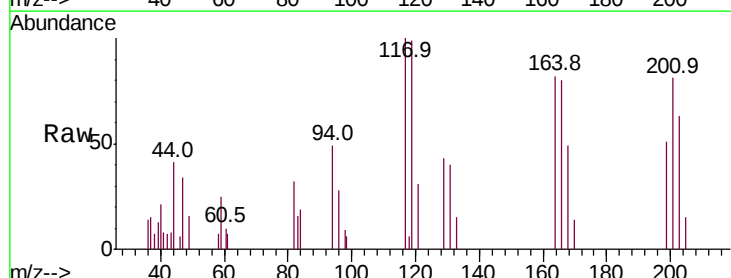
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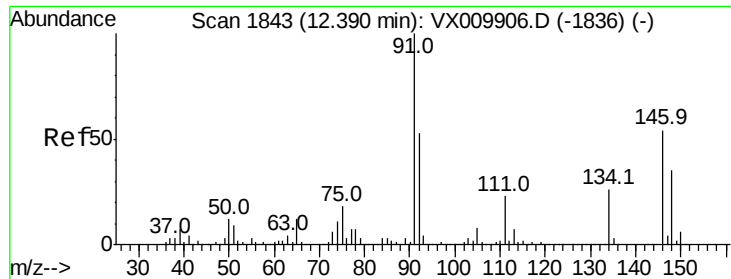
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#90
Hexachloroethane
Concen: 0.939 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009910.D
Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.9	43.6	130.9





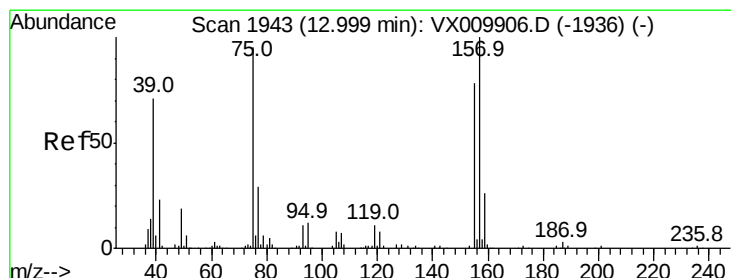
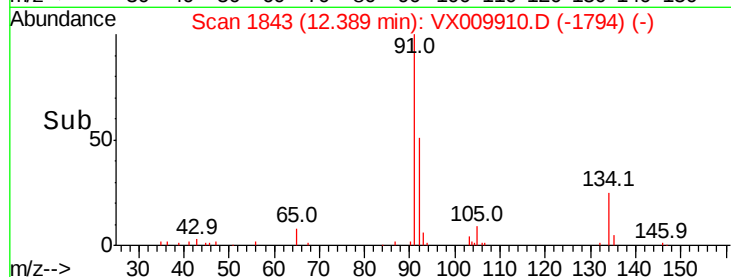
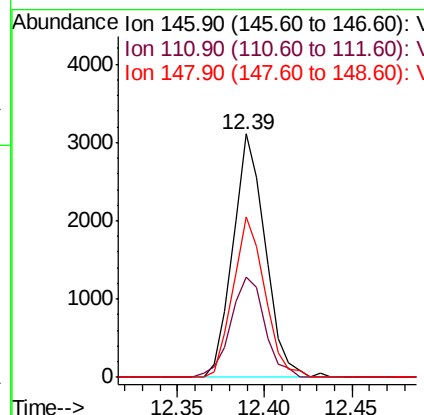
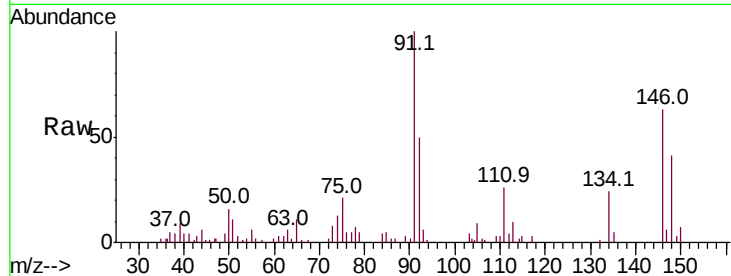
#91
 1,2-Dichlorobenzene
 Concen: 1.112 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.1	63.1
148	65.1	32.3	96.8

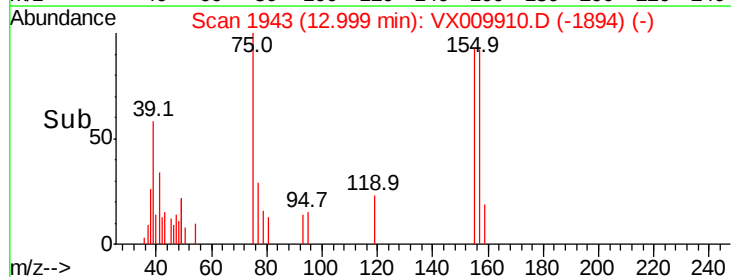
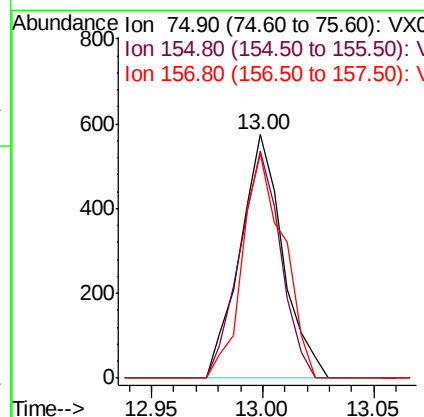
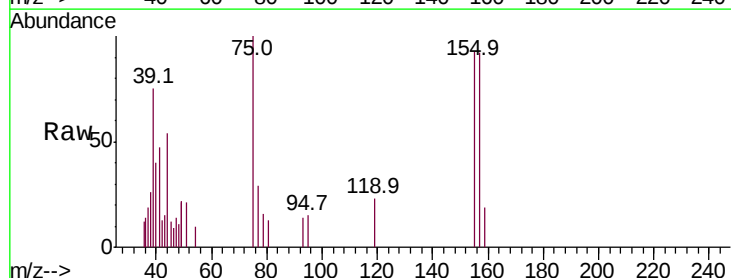
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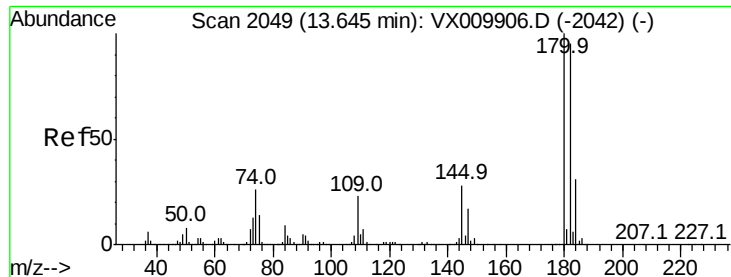
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.155 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	39.3	117.8
157	89.2	50.6	151.8





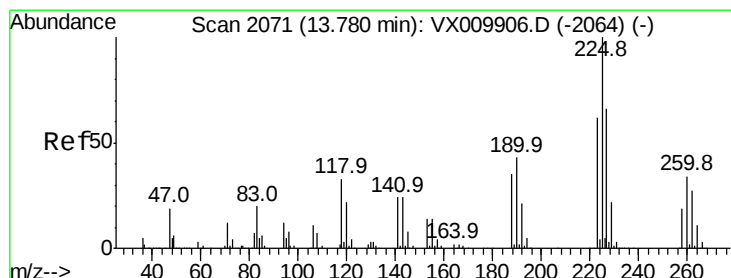
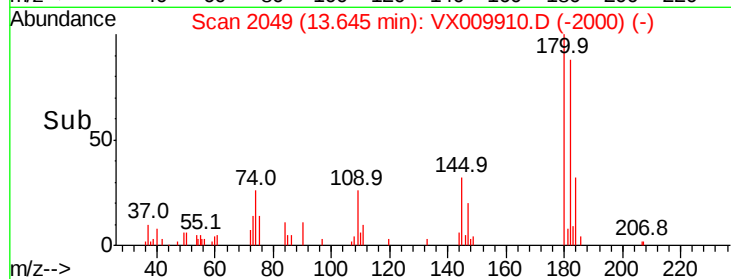
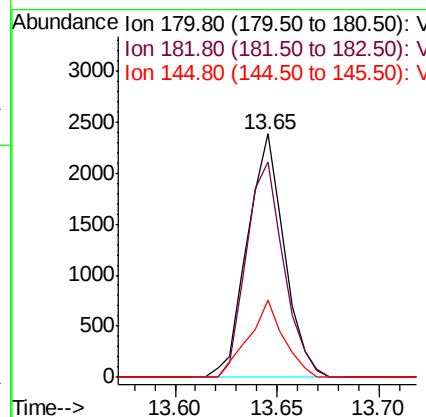
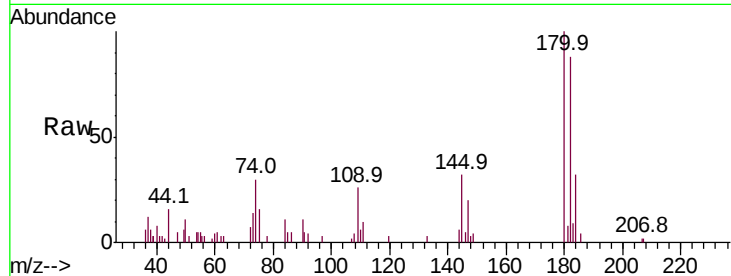
#93
 1,2,4-Trichlorobenzene
 Concen: 1.216 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100	2994		
182	89.5		47.4	142.2
145	30.4		14.5	43.5

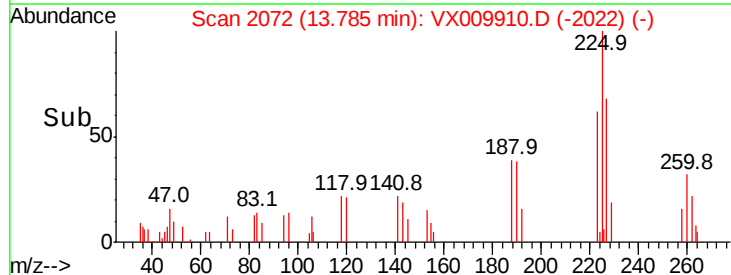
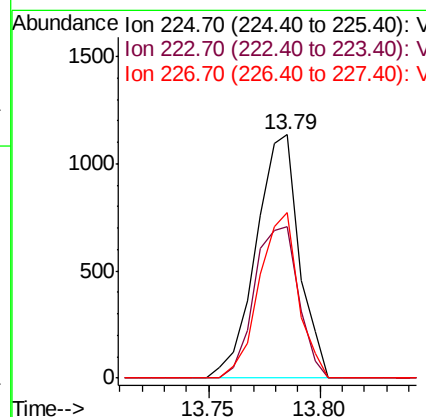
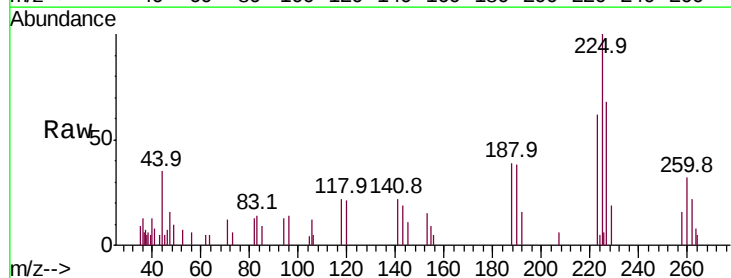
Manual Integrations
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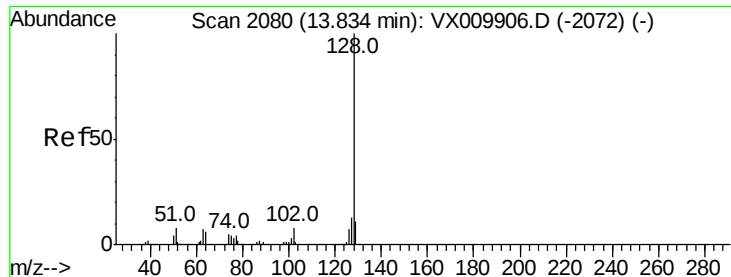
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#94
 Hexachlorobutadiene
 Concen: 1.217 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX009910.D
 Acq: 28 May 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	1534		
223	63.5		31.3	93.8
227	61.6		32.3	96.8





#95

Naphthalene

Concen: 1.044 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Instrument :

MSVOA_X

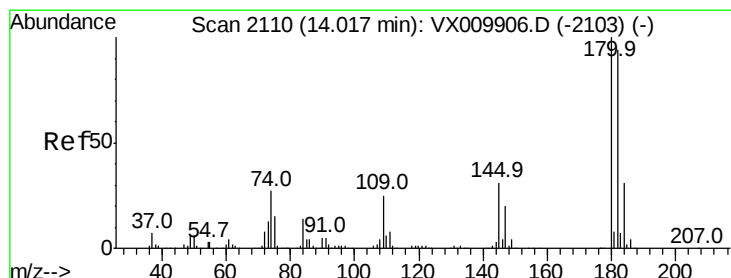
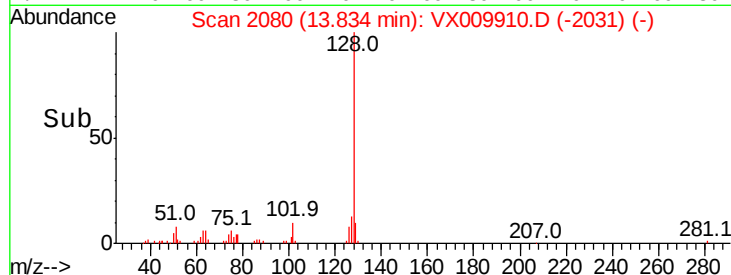
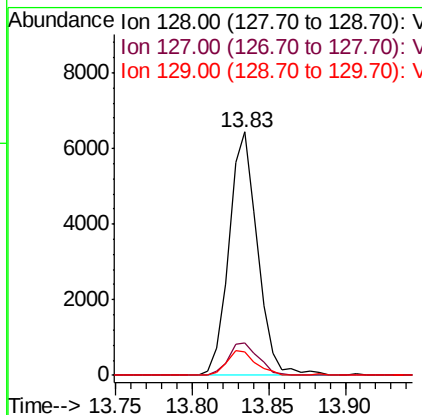
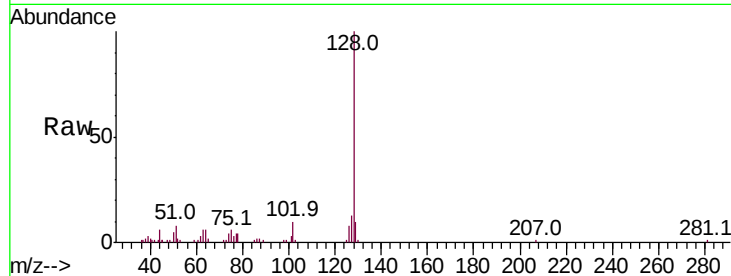
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	8300
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.6	16.0
129	10.3	8.8	13.2

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#96

1,2,3-Trichlorobenzene

Concen: 1.210 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009910.D

Acq: 28 May 2019 12:40

Tgt Ion:	180	Resp:	3012
Ion	Ratio	Lower	Upper
180	100		
182	90.2	47.3	142.0
145	30.8	15.6	46.7

