

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009795.D
 Acq On : 22 May 2019 11:40
 Operator : JC/SP
 Sample : VX0522WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 10:43:58 AM

Quant Time: May 23 07:27:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129470	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	109751	43.64	ug/l	0.00
Spiked Amount			Recovery	=	87.28%	
35) Dibromofluoromethane	5.49	113	78963	43.60	ug/l	0.00
Spiked Amount			Recovery	=	87.20%	
50) Toluene-d8	8.71	98	327602	44.81	ug/l	0.00
Spiked Amount			Recovery	=	89.62%	
62) 4-Bromofluorobenzene	11.13	95	119744	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	28248	16.639	ug/l	98
3) Chloromethane	1.32	50	43181	18.630	ug/l	100
4) Vinyl Chloride	1.41	62	40589	17.958	ug/l	98
5) Bromomethane	1.64	94	25141	18.533	ug/l	99
6) Chloroethane	1.72	64	25668	17.689	ug/l	100
7) Trichlorofluoromethane	1.93	101	49454	18.001	ug/l	98
8) Diethyl Ether	2.18	74	22228	17.081	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29569	17.139	ug/l	96
10) Methyl Iodide	2.51	142	31051	18.661	ug/l	99
11) Tert butyl alcohol	3.04	59	48443	83.214	ug/l	99
12) 1,1-Dichloroethene	2.37	96	29742	17.206	ug/l	99
13) Acrolein	2.29	56	41678	79.053	ug/l	99
14) Allyl chloride	2.73	41	73728	17.502	ug/l	98
15) Acrylonitrile	3.14	53	120581	84.713	ug/l	99
16) Acetone	2.44	43	126140	93.407	ug/l	98
17) Carbon Disulfide	2.57	76	88235	18.181	ug/l	99
18) Methyl Acetate	2.77	43	51667	16.088	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	114487	17.055	ug/l	98
20) Methylene Chloride	2.85	84	36548	16.715	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	32540	17.358	ug/l	99
22) Diisopropyl ether	3.85	45	143718	17.740	ug/l	100
23) Vinyl Acetate	3.81	43	632688	91.201	ug/l	98
24) 1,1-Dichloroethane	3.70	63	68727	17.197	ug/l	100
25) 2-Butanone	4.67	43	185289	88.295	ug/l	97
26) 2,2-Dichloropropane	4.58	77	50723	17.051	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	38570	17.237	ug/l	99
28) Bromochloromethane	5.01	49	36722	21.250	ug/l	97
29) Tetrahydrofuran	5.12	42	117343	86.895	ug/l	98
30) Chloroform	5.21	83	62694	17.345	ug/l	99
31) Cyclohexane	5.58	56	68440	18.407	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	51604	17.150	ug/l	99
36) 1,1-Dichloropropene	5.79	75	48515	18.122	ug/l	99
37) Ethyl Acetate	4.82	43	67154	18.003	ug/l	99
38) Carbon Tetrachloride	5.78	117	43962	18.074	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61246	18.628	ug/l	98
40) Benzene	6.14	78	148550	17.929	ug/l	98
41) Methacrylonitrile	5.04	41	37750	17.001	ug/l	97
42) 1,2-Dichloroethane	6.19	62	55535	18.686	ug/l	98
43) Isopropyl Acetate	6.44	43	106757	17.893	ug/l	99
44) Trichloroethene	7.21	130	35189	17.568	ug/l	95
45) 1,2-Dichloropropane	7.51	63	42923	18.296	ug/l	96
46) Dibromomethane	7.66	93	24004	17.619	ug/l	99
47) Bromodichloromethane	7.89	83	47491	17.475	ug/l	95
48) Methyl methacrylate	7.77	41	54184	18.305	ug/l	98
49) 1,4-Dioxane	7.74	88	20541	342.176	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	350379	89.845	ug/l	98
52) Toluene	8.78	92	91442	18.156	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	54554	17.780	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	60562	17.833	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	35828	17.437	ug/l	97
56) Ethyl methacrylate	9.18	69	64207	17.506	ug/l	97
57) 1,3-Dichloropropane	9.37	76	64963	17.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	168741	86.723	ug/l	99
59) 2-Hexanone	9.49	43	279118	91.130	ug/l	97
60) Dibromochloromethane	9.58	129	35343	17.611	ug/l	100
61) 1,2-Dibromoethane	9.67	107	36756	17.721	ug/l	100
64) Tetrachloroethene	9.34	164	31938	17.999	ug/l	98
65) Chlorobenzene	10.13	112	93408	18.051	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33148	17.669	ug/l	99
67) Ethyl Benzene	10.25	91	174217	18.294	ug/l	99
68) m/p-Xylenes	10.35	106	127474	36.629	ug/l	97
69) o-Xylene	10.69	106	62208	18.117	ug/l	99
70) Styrene	10.71	104	106879	17.909	ug/l	97
71) Bromoform	10.85	173	25667	16.836	ug/l #	99
73) Isopropylbenzene	11.02	105	169210	17.973	ug/l	100
74) N-amyl acetate	10.90	43	95228	17.349	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	60327	17.188	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53531m	17.824	ug/l	
77) Bromobenzene	11.25	156	41512	17.764	ug/l	99
78) n-propylbenzene	11.36	91	194786	18.116	ug/l	100
79) 2-Chlorotoluene	11.42	91	114978	17.333	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	142605	17.989	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	19276	16.422	ug/l	94
82) 4-Chlorotoluene	11.51	91	134459	17.942	ug/l	98
83) tert-Butylbenzene	11.77	119	134673	17.463	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	142543	17.914	ug/l	100
85) sec-Butylbenzene	11.94	105	164428	17.984	ug/l	100
86) p-Isopropyltoluene	12.06	119	147830	17.986	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	72415	17.383	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	73832	17.580	ug/l	98
89) n-Butylbenzene	12.38	91	134583	18.116	ug/l	100
90) Hexachloroethane	12.59	117	24242	17.312	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	73448	17.310	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12968	16.471	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51594	17.782	ug/l	100
94) Hexachlorobutadiene	13.78	225	27143	18.319	ug/l	99
95) Naphthalene	13.83	128	157791	16.715	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	52276	17.774	ug/l	99

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

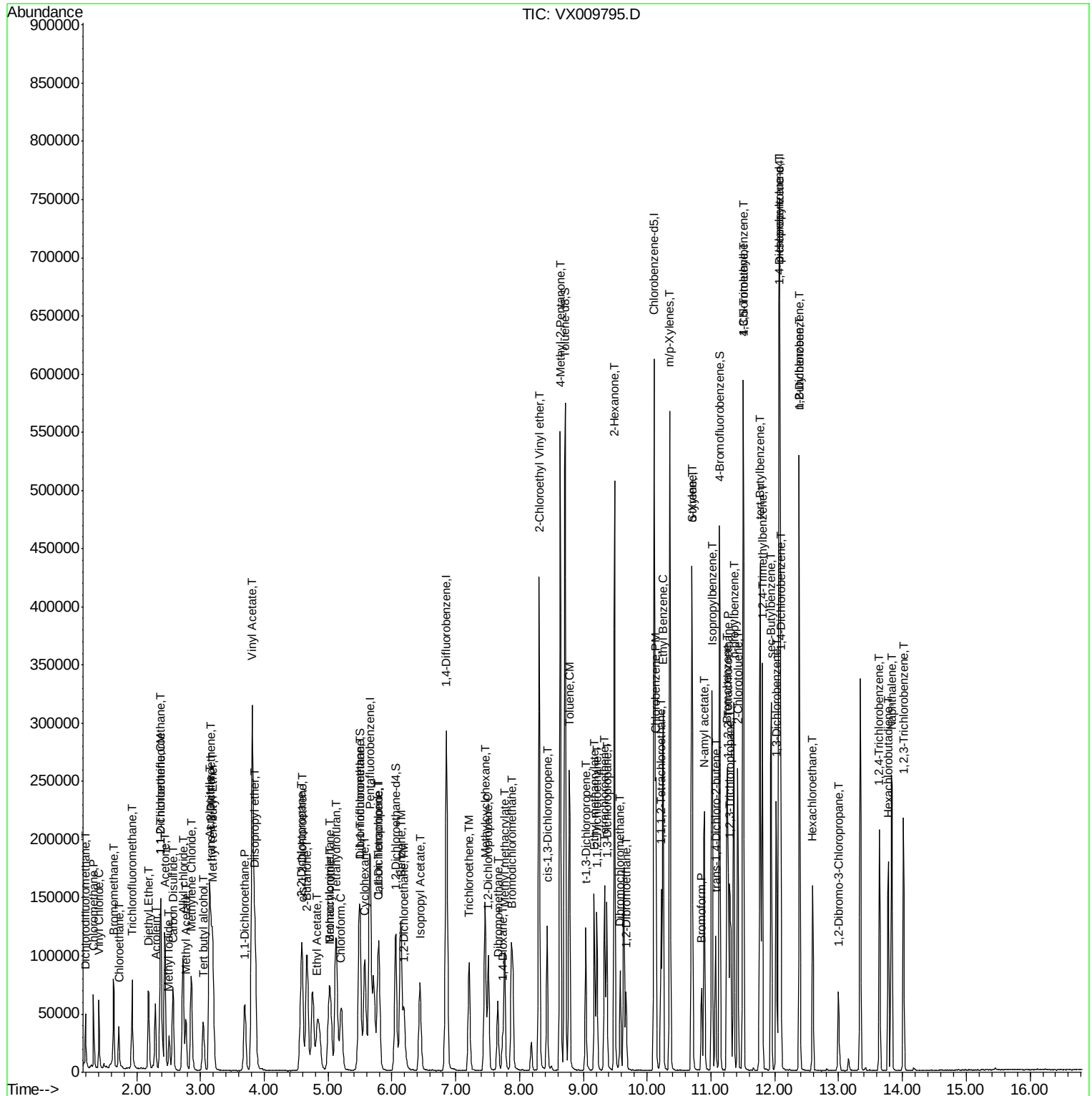
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 Data File : VX009795.D
 Acq On : 22 May 2019 11:40
 Operator : JC/SP
 Sample : VX0522WBS01
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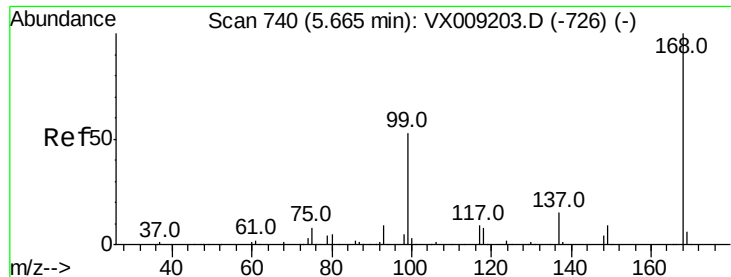
Instrument :
 MSVOA_X
 Client Sampled :
 VX0522WBS01

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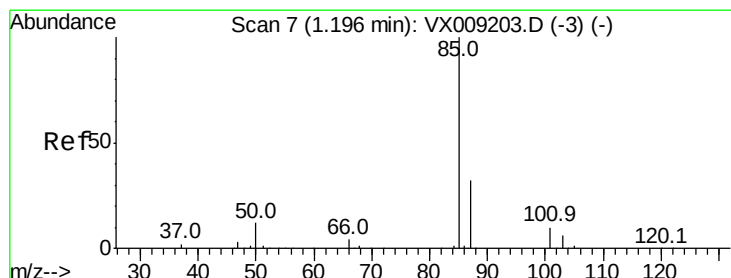
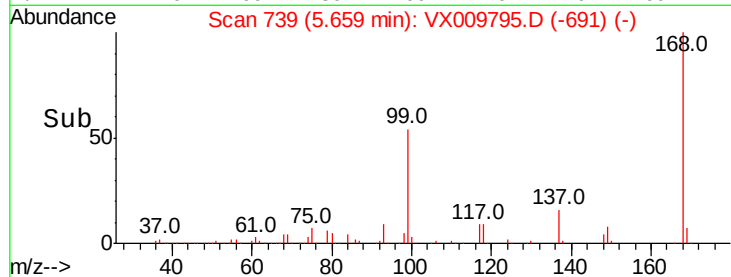
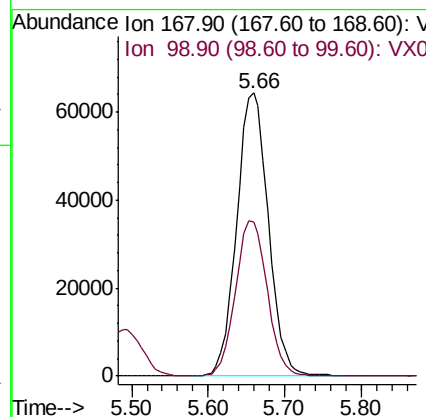
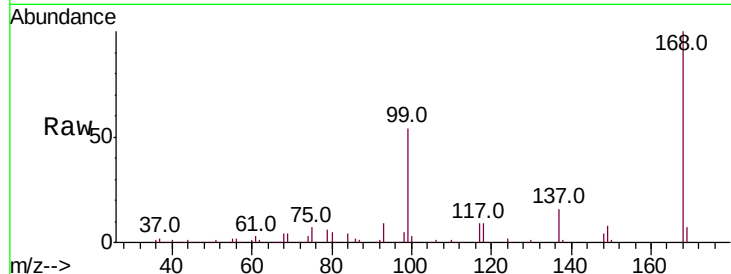
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
99	54.5	42.3	63.5	

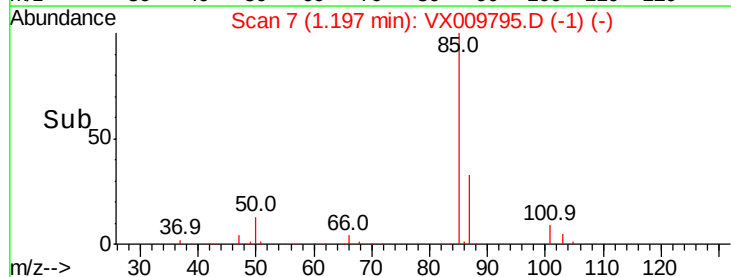
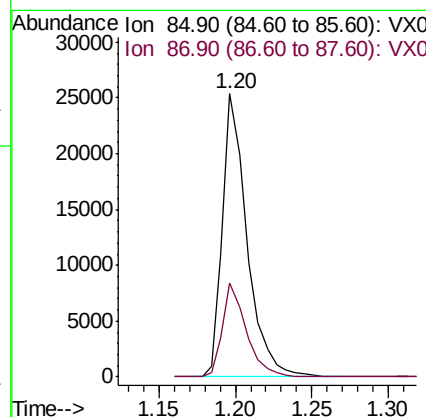
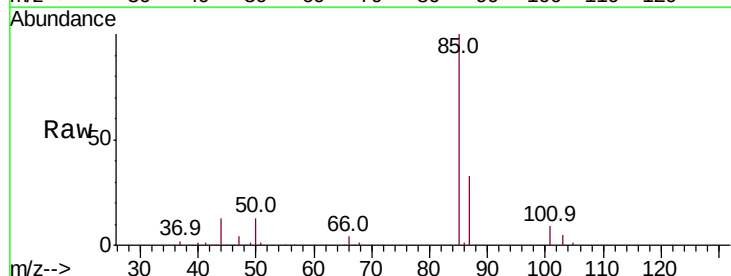
Manual Integrations
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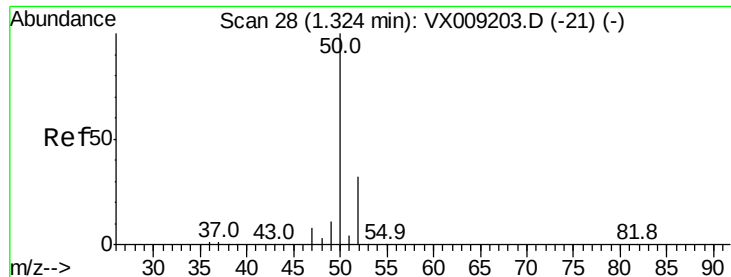
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#2
Dichlorodifluoromethane
Concen: 16.639 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
85	100			
87	33.2	16.1	48.3	





#3

Chloromethane

Concen: 18.630 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tot Ion: 50 Resp: 43181

Ion Ratio Lower Upper

50 100

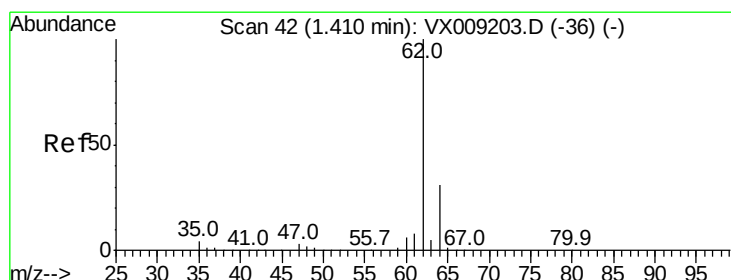
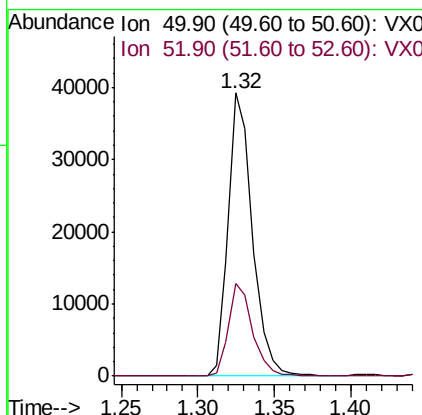
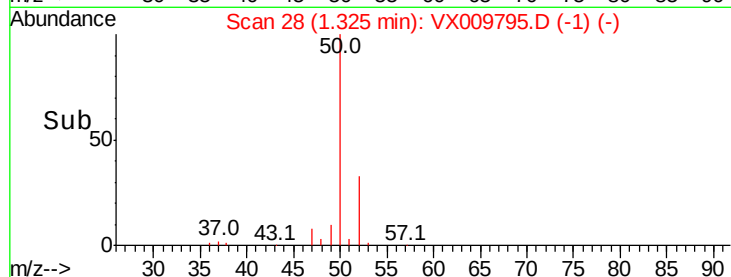
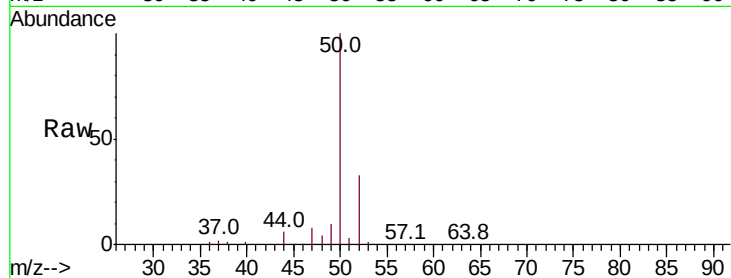
52 32.6 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.958 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009795.D

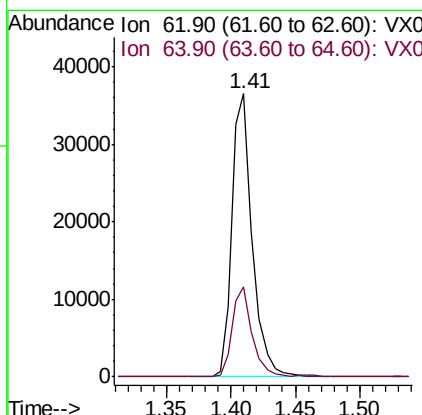
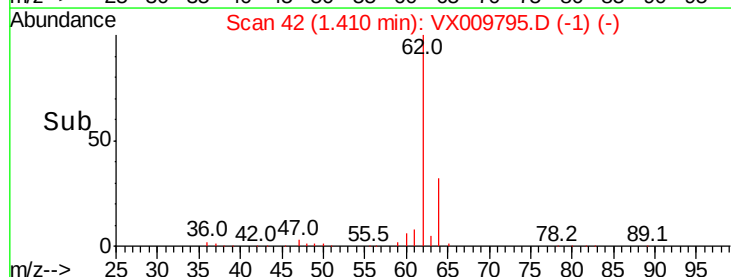
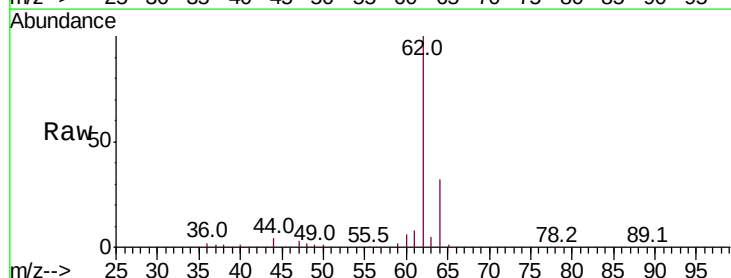
Acq: 22 May 2019 11:40

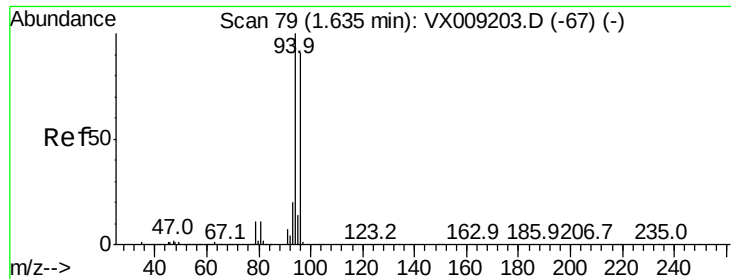
Tgt Ion: 62 Resp: 40589

Ion Ratio Lower Upper

62 100

64 31.5 24.6 36.8





#5

Bromomethane

Concen: 18.533 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tot Ion: 94 Resp: 25141

Ion Ratio Lower Upper

94 100

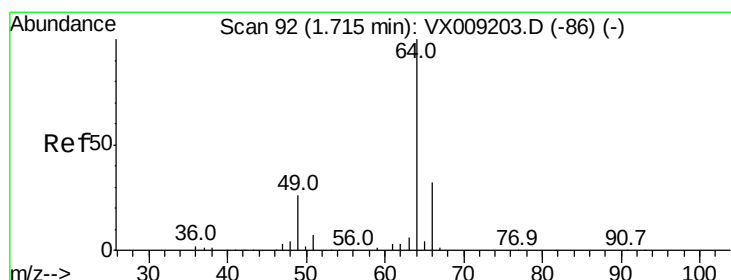
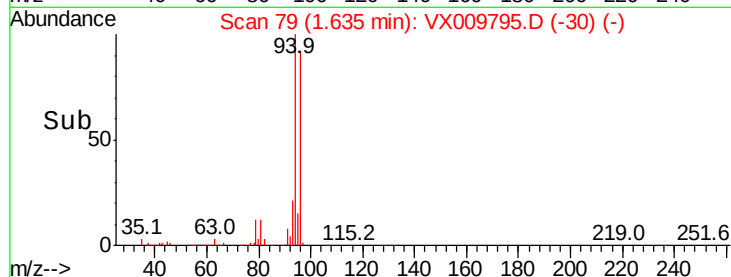
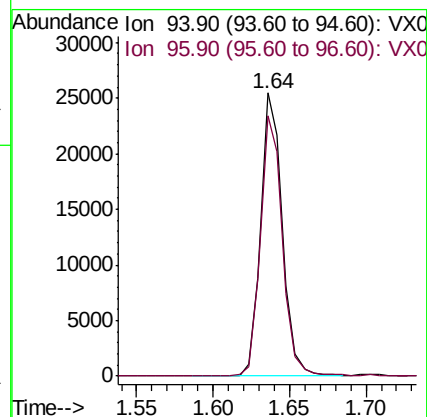
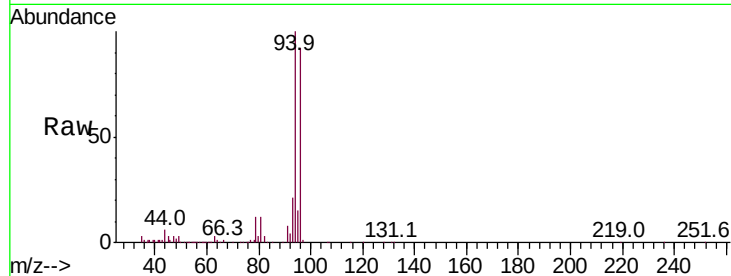
96 91.8 73.0 109.6

Manual Integrations

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#6

Chloroethane

Concen: 17.689 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009795.D

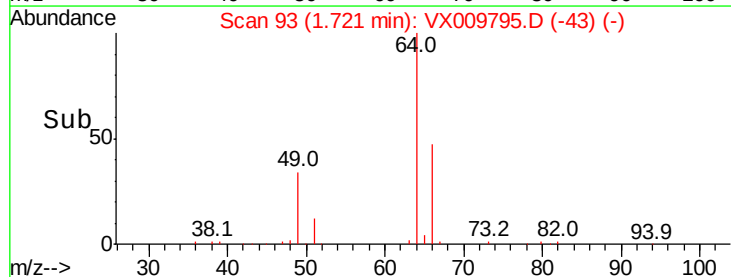
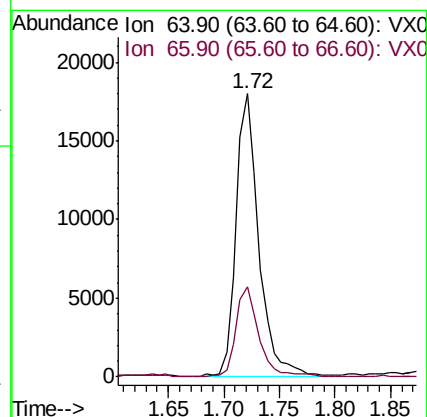
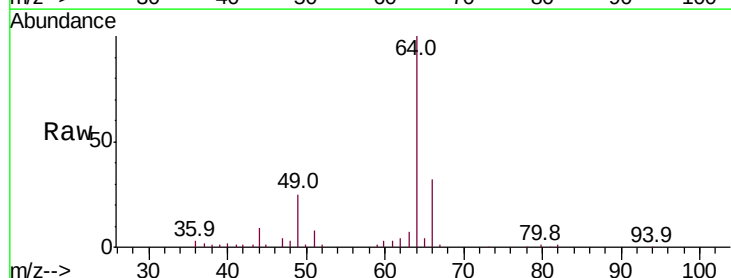
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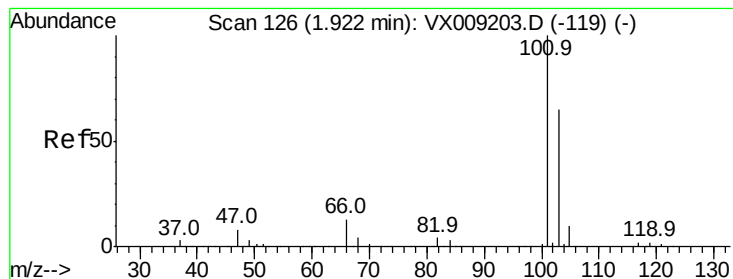
Tgt Ion: 64 Resp: 25668

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9





#7

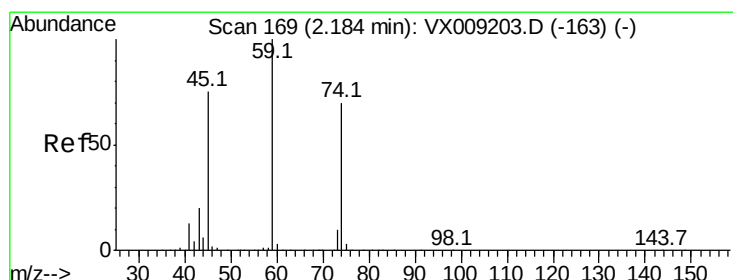
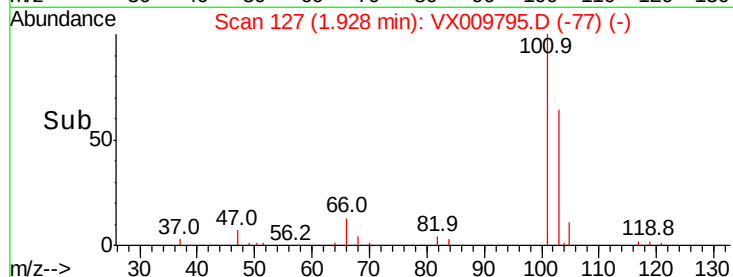
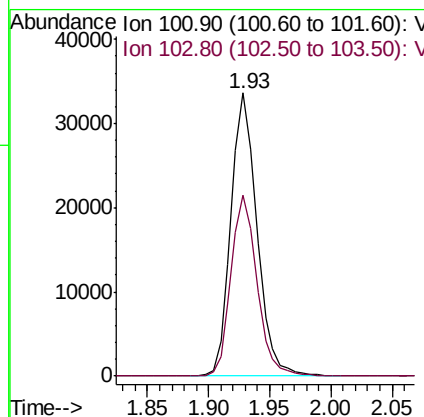
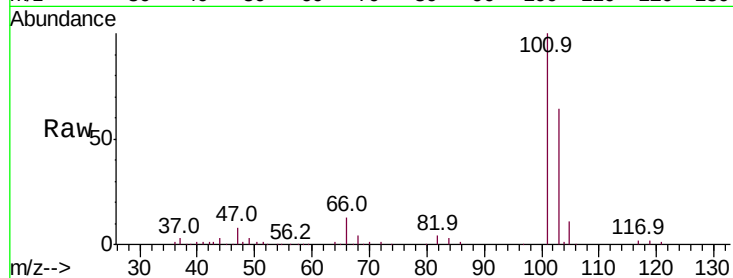
Trichlorofluoromethane
 Concen: 18.001 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
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 ClientSampleId :
 VX0522WBS01

Tot Ion:101 Resp: 49454
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.4 78.6

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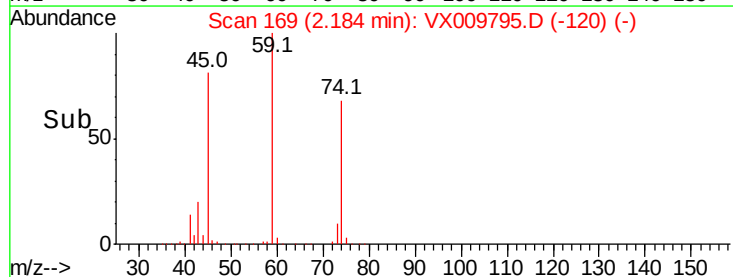
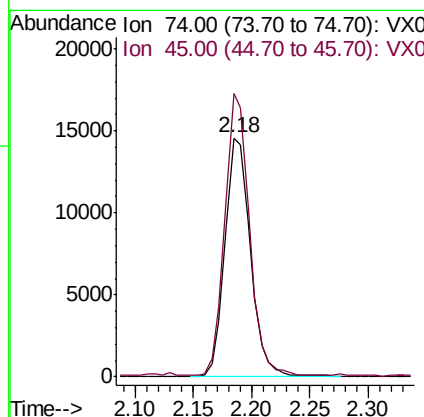
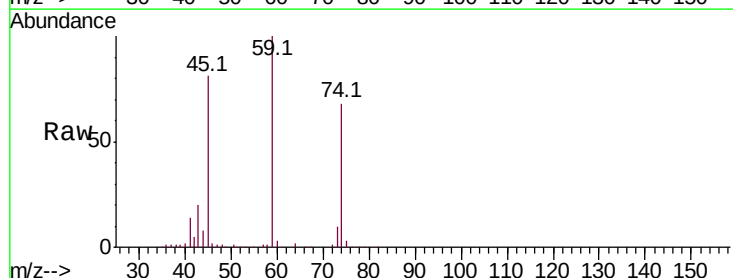
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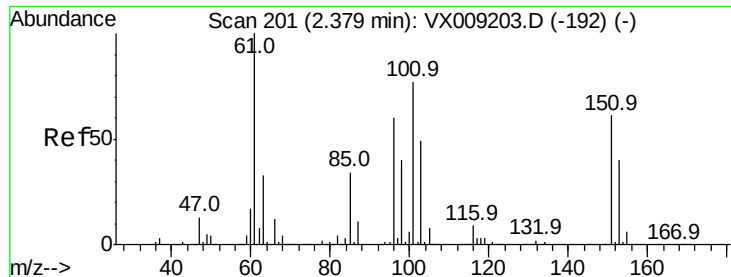


#8

Diethyl Ether
 Concen: 17.081 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion: 74 Resp: 22228
 Ion Ratio Lower Upper
 74 100
 45 113.3 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.139 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

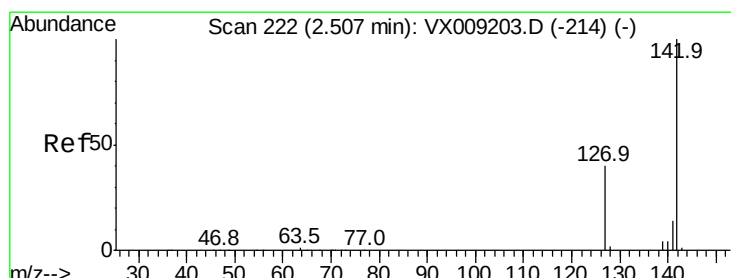
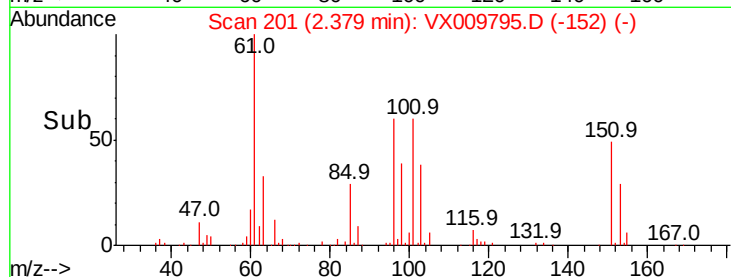
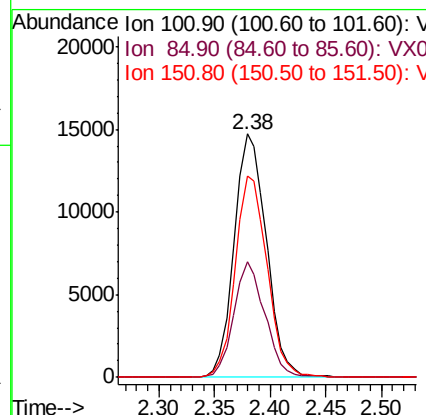
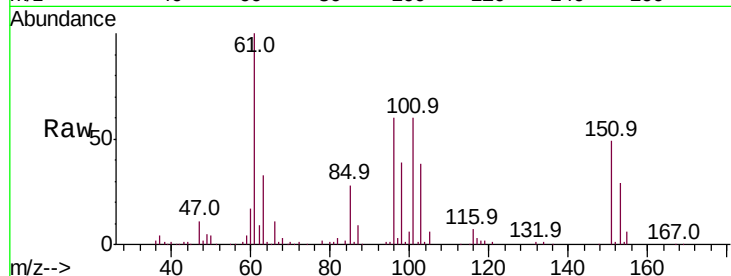
ClientSampleId :

VX0522WBS01

Tot Ion:	101	Resp:	29569
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.7	53.5
151	81.6	62.2	93.2

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#10

Methyl Iodide

Concen: 18.661 ug/l

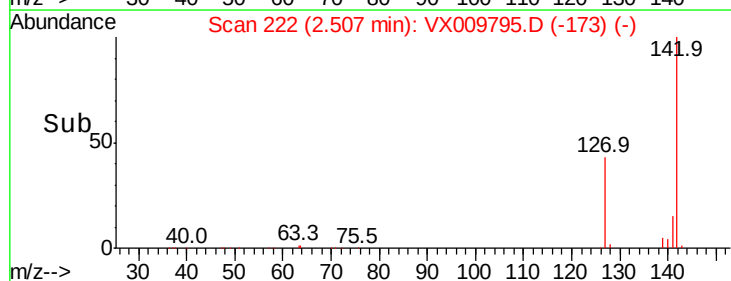
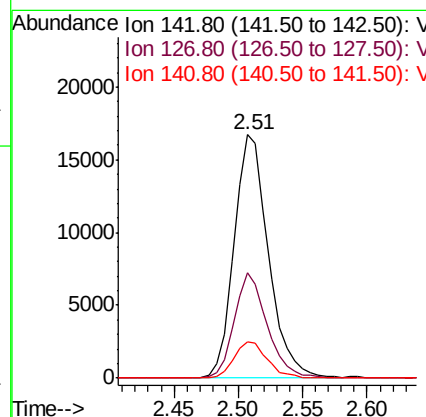
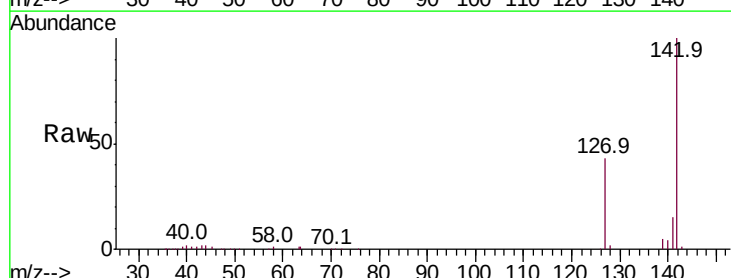
RT: 2.51 min Scan# 222

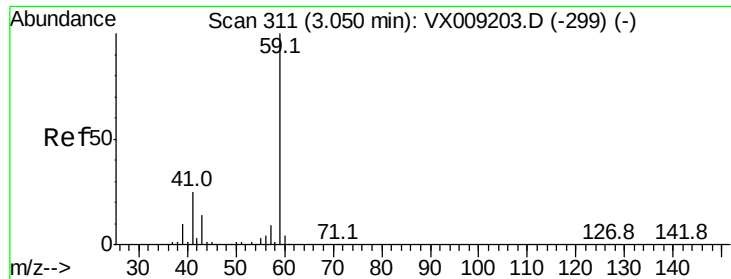
Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Tgt Ion:	142	Resp:	31051
Ion Ratio	Lower	Upper	
142	100		
127	41.4	32.7	49.1
141	14.4	11.5	17.3





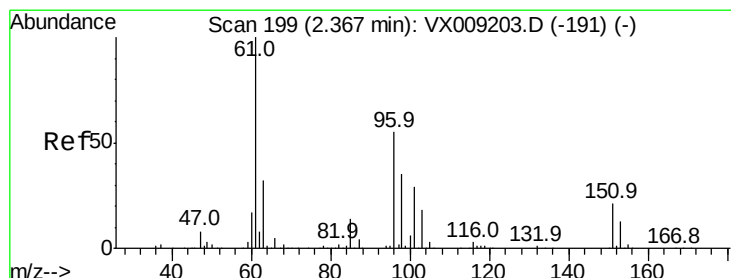
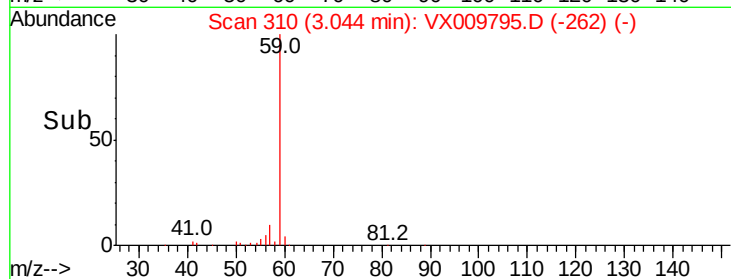
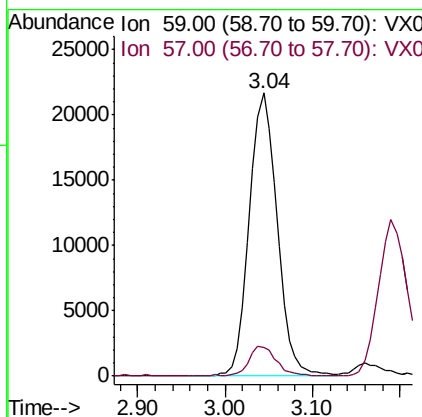
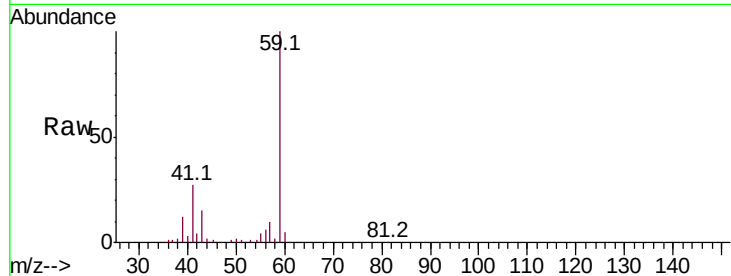
#11
Tert butyl alcohol
Concen: 83.214 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.2

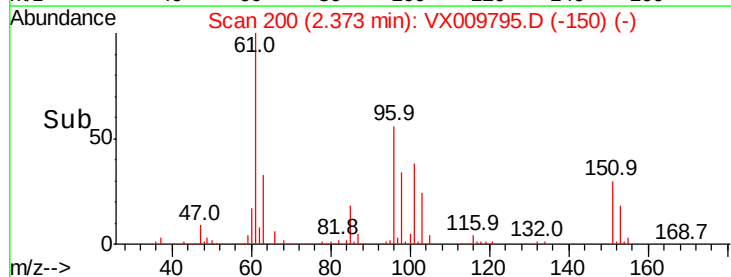
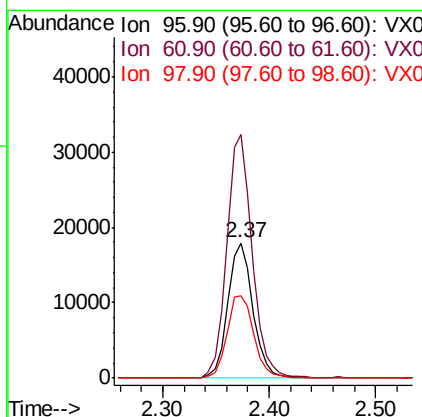
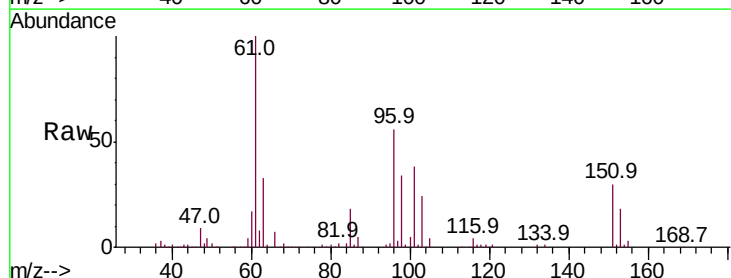
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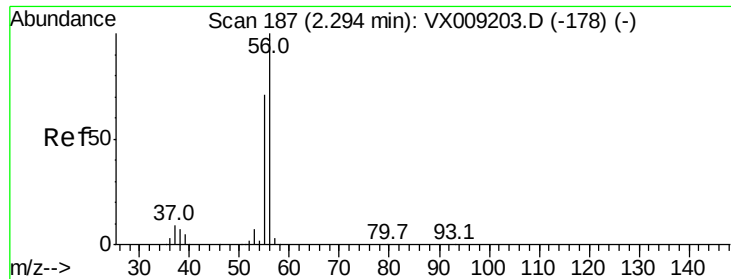
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#12
1,1-Dichloroethene
Concen: 17.206 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.5	144.3	216.5
98	61.0	50.3	75.5





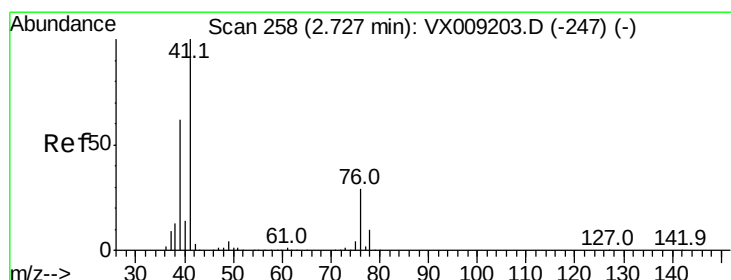
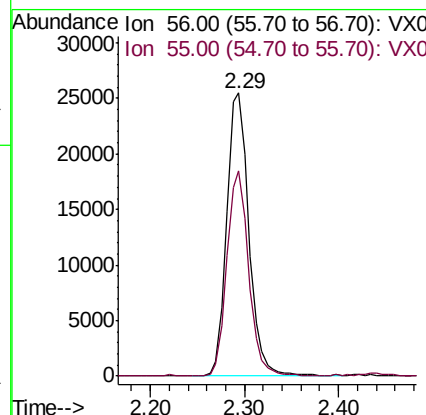
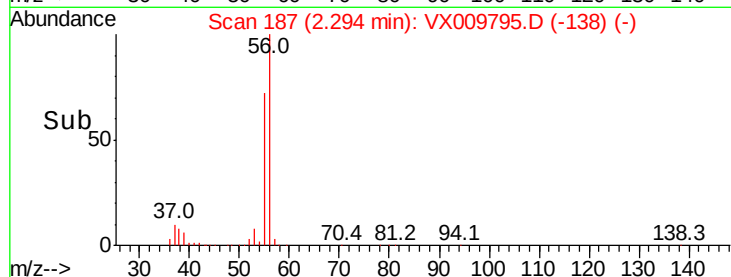
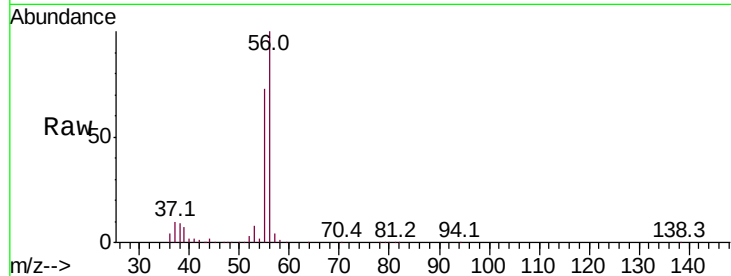
#13
Acrolein
Concen: 79.053 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion: 56 Resp: 41678
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0

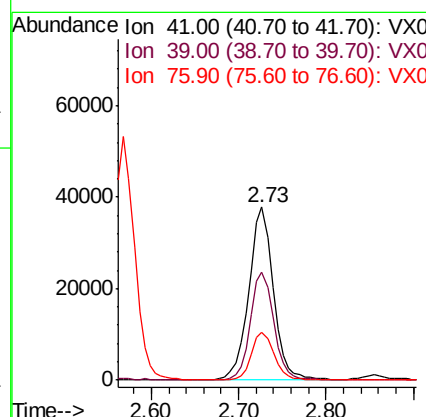
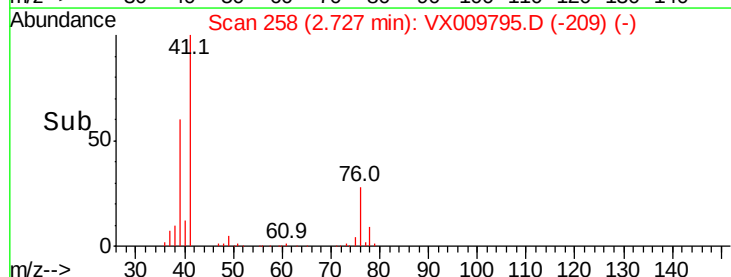
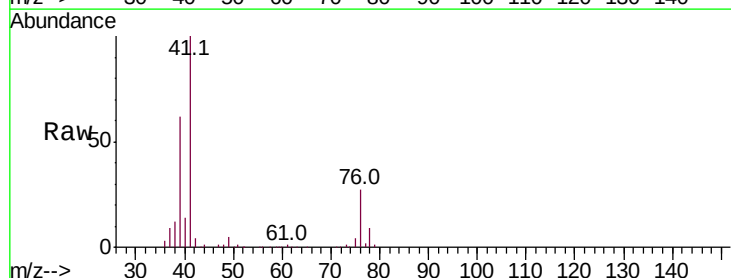
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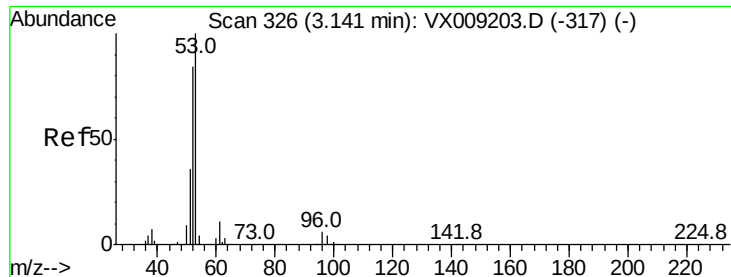
MMDadoda
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#14
Allyl chloride
Concen: 17.502 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion: 41 Resp: 73728
Ion Ratio Lower Upper
41 100
39 59.0 46.7 70.1
76 25.6 21.8 32.8





#15

Acrylonitrile

Concen: 84.713 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

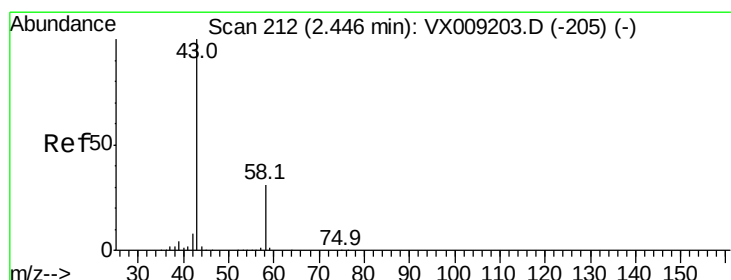
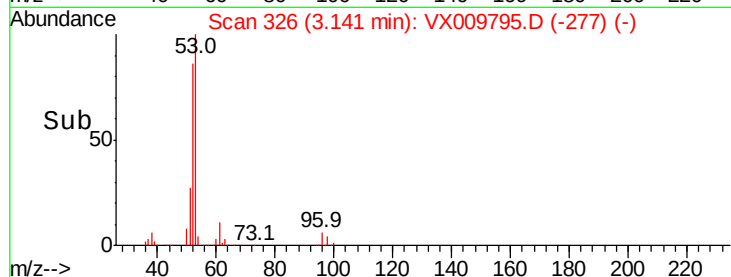
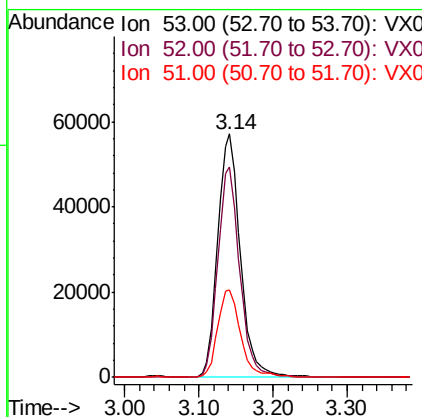
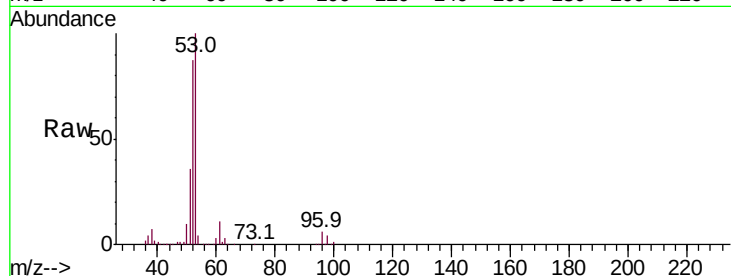
ClientSampleId :

VX0522WBS01

Tot Ion:	53	Resp:	120581
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.9	100.3
51	36.5	28.2	42.2

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#16

Acetone

Concen: 93.407 ug/l

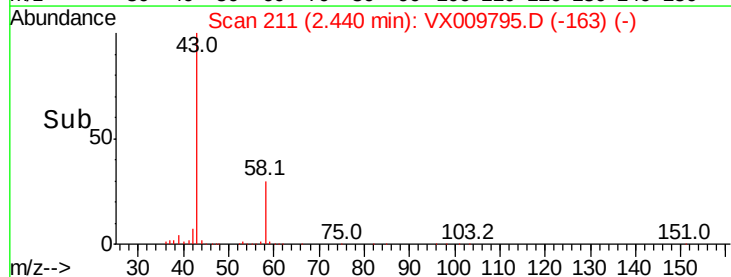
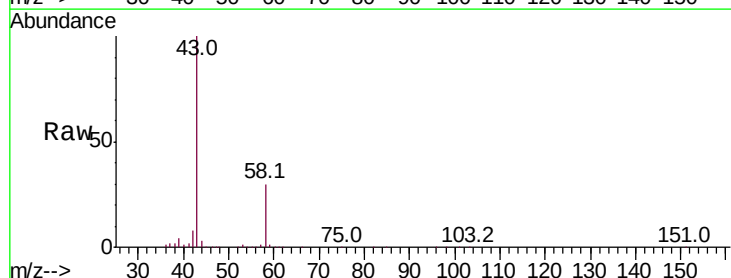
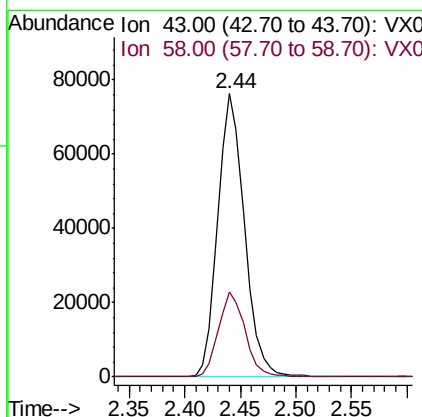
RT: 2.44 min Scan# 211

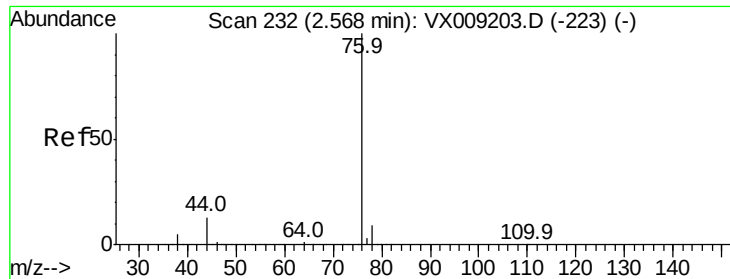
Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Tgt Ion:	43	Resp:	126140
Ion Ratio	Lower	Upper	
43	100		
58	29.9	24.9	37.3





#17

Carbon Disulfide

Concen: 18.181 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tot Ion: 76 Resp: 88235

Ion Ratio Lower Upper

76 100

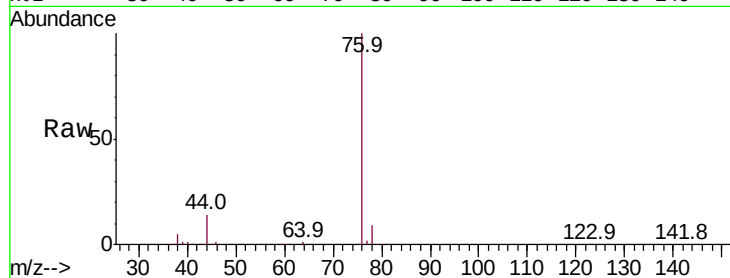
78 8.9 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

60000

50000

40000

30000

20000

10000

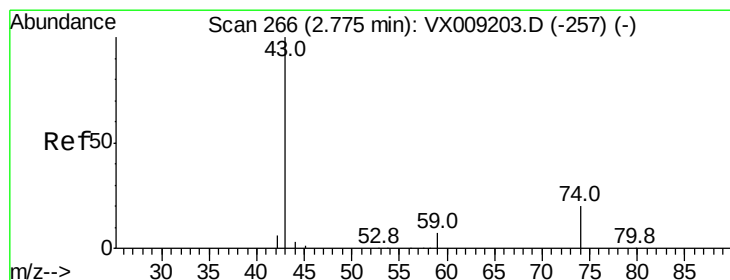
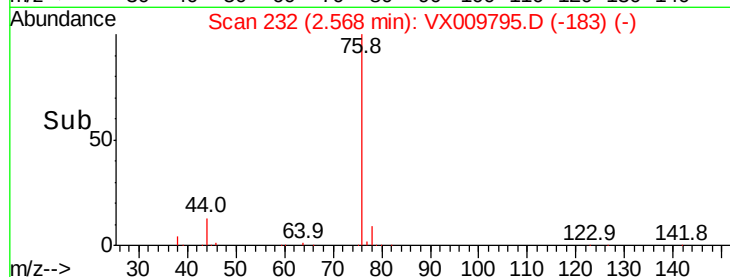
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 16.088 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009795.D

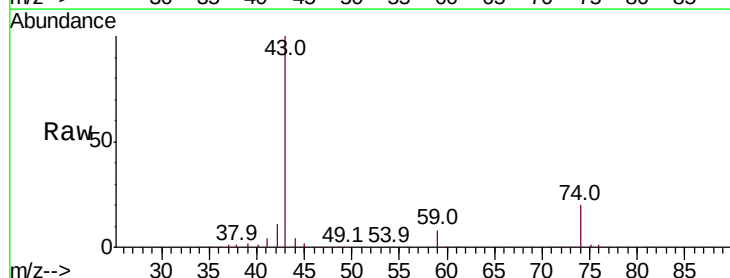
Acq: 22 May 2019 11:40

Tgt Ion: 43 Resp: 51667

Ion Ratio Lower Upper

43 100

74 19.9 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

30000

20000

10000

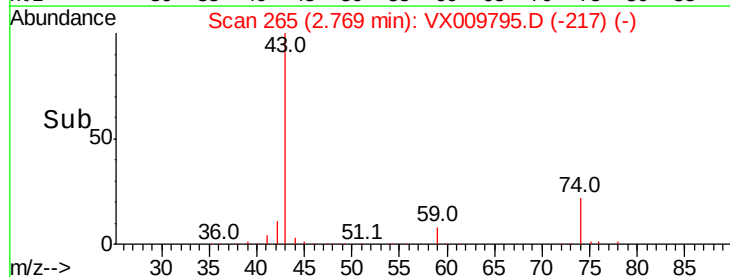
0

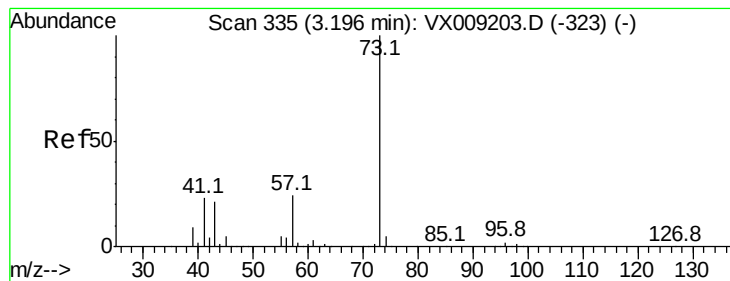
Time-->

2.70

2.80

2.90





#19

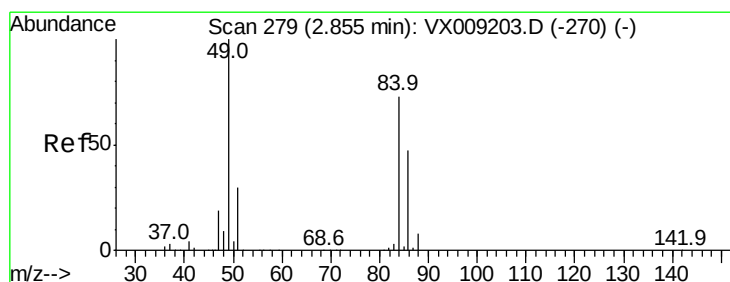
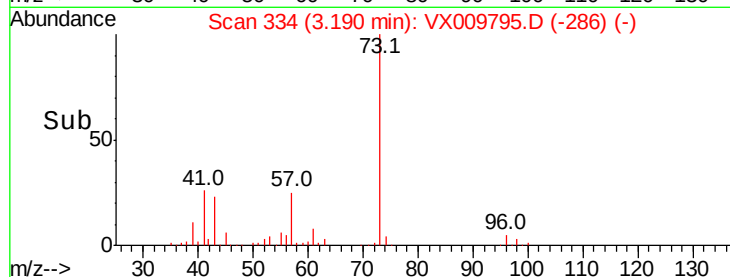
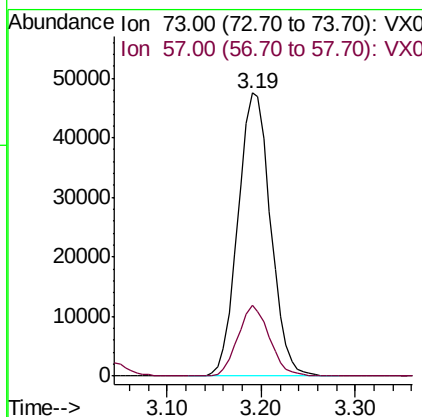
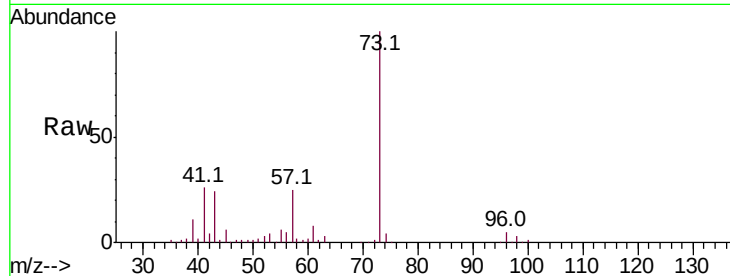
Methyl tert-butyl Ether
 Concen: 17.055 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Tot Ion	73	Resp	114487
Ion Ratio	Lower	Upper	
73	100		
57	25.2	19.3	28.9

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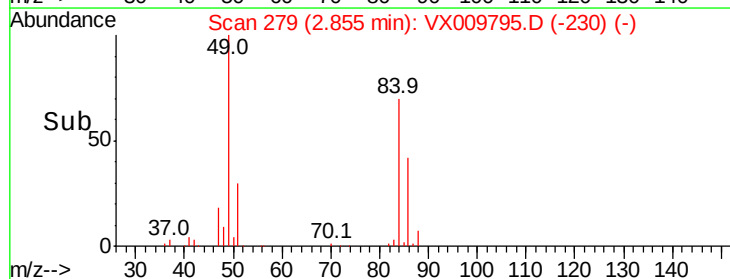
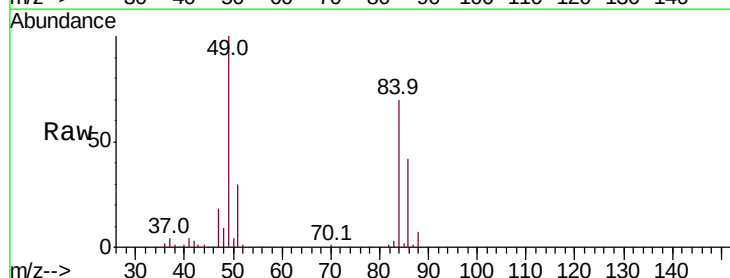
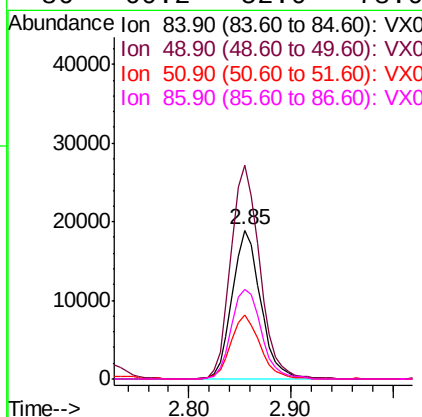
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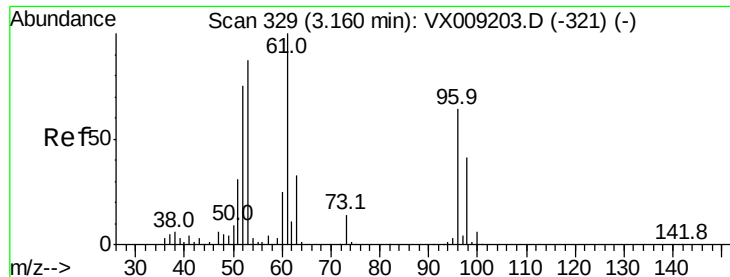


#20

Methylene Chloride
 Concen: 16.715 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion	84	Resp	36548
Ion Ratio	Lower	Upper	
84	100		
49	143.8	109.9	164.9
51	43.4	32.7	49.1
86	60.2	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 17.358 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tot Ion: 96 Resp: 32540

Ion Ratio Lower Upper

96 100

61 155.5 124.5 186.7

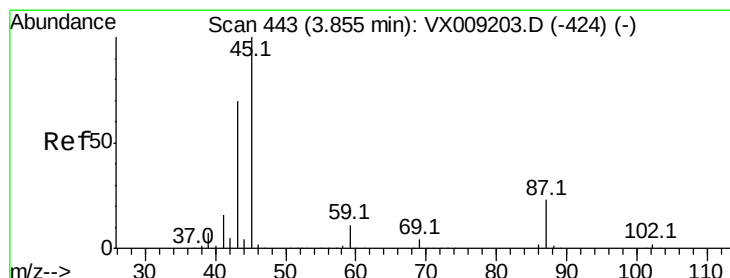
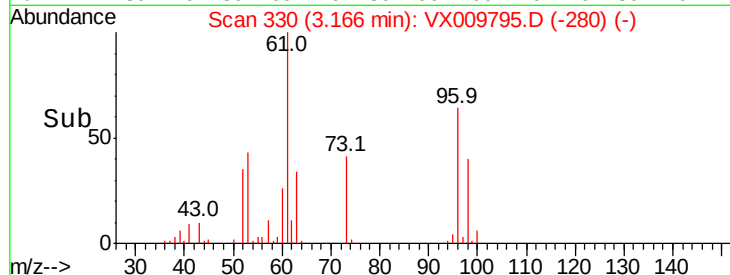
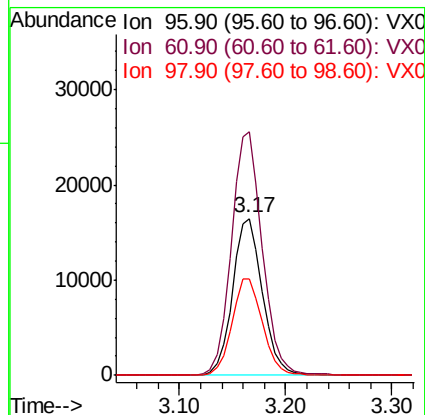
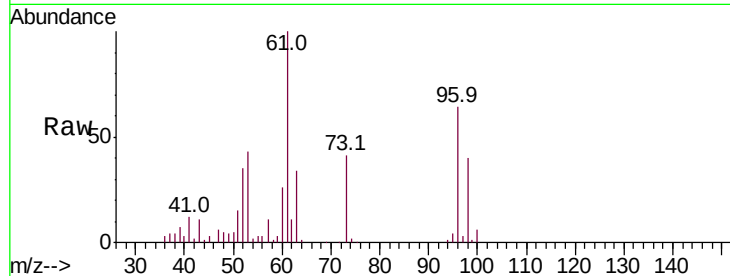
98 61.7 50.4 75.6

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#22

Diisopropyl ether

Concen: 17.740 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Tgt Ion: 45 Resp: 143718

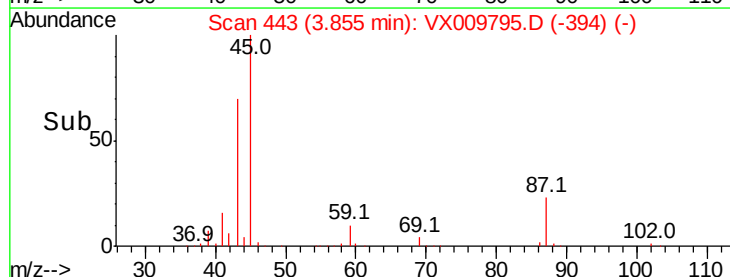
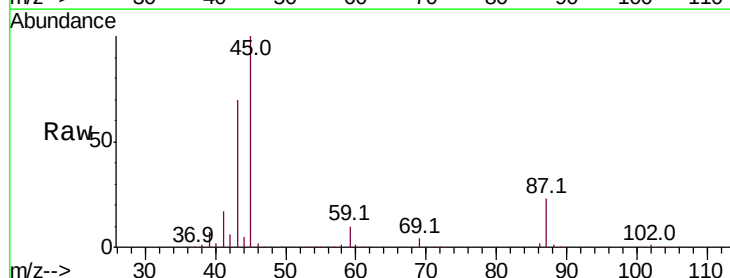
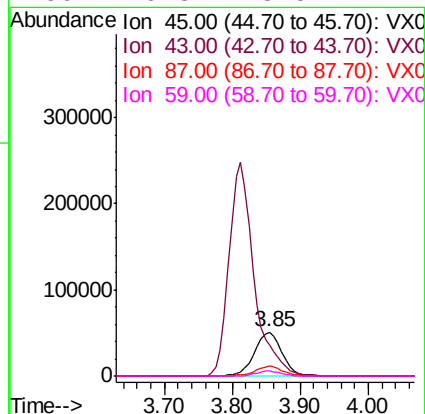
Ion Ratio Lower Upper

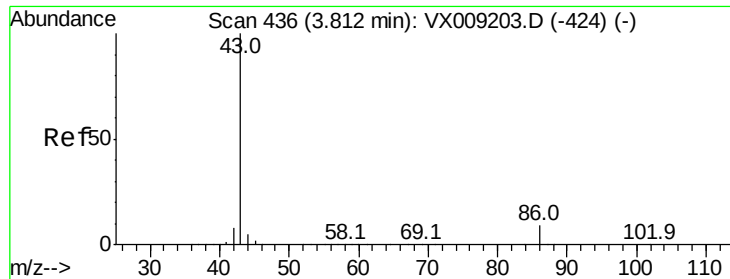
45 100

43 70.4 56.1 84.1

87 23.0 18.1 27.1

59 10.3 8.5 12.7





#23

Vinyl Acetate

Concen: 91.201 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampled :

VX0522WBS01

Tot Ion: 43 Resp: 632688

Ion Ratio Lower Upper

43 100

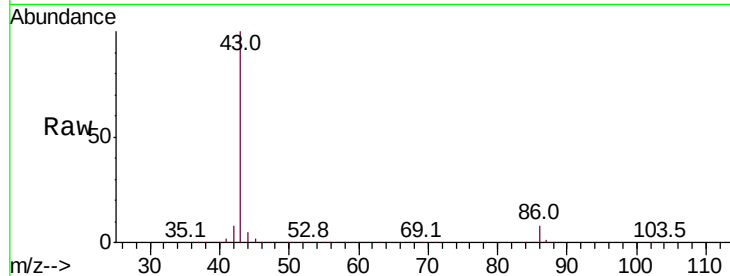
86 8.0 6.9 10.3

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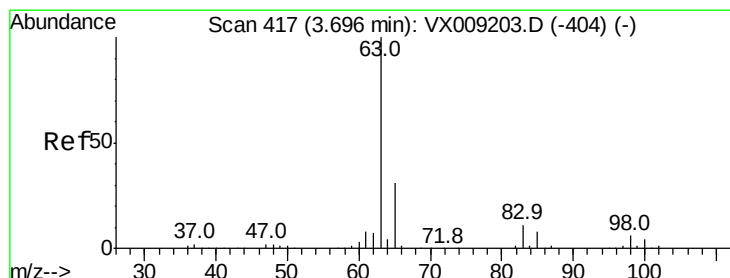
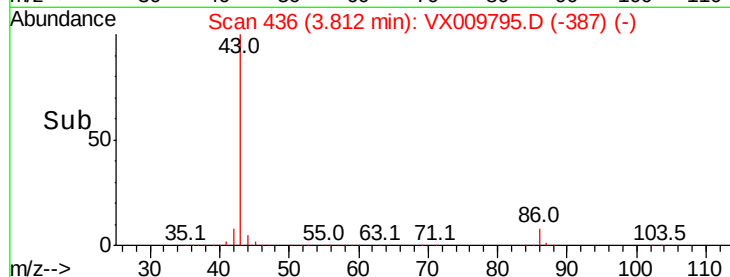
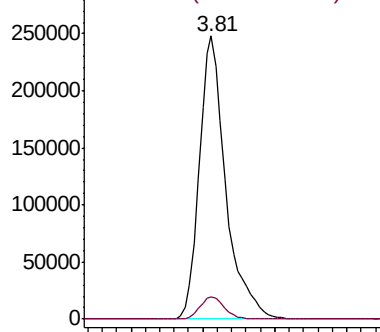
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.197 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

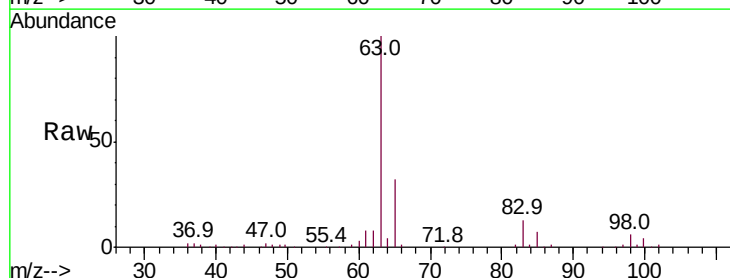
Tgt Ion: 63 Resp: 68727

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

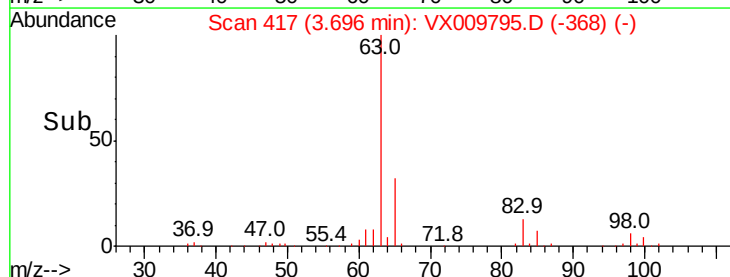
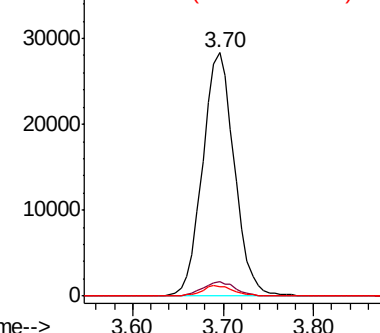
100 3.8 2.0 6.0

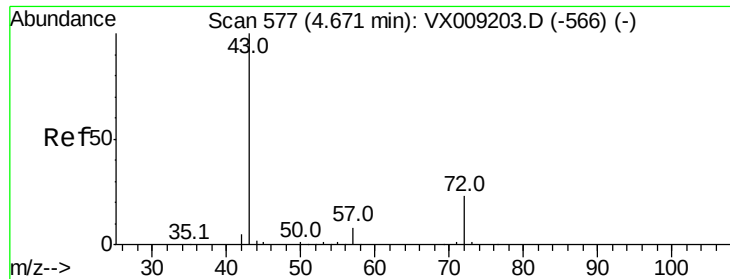


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 88.295 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tot Ion: 43 Resp: 185289

Ion Ratio Lower Upper

43 100

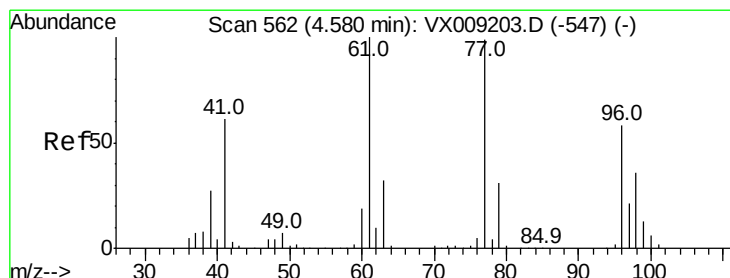
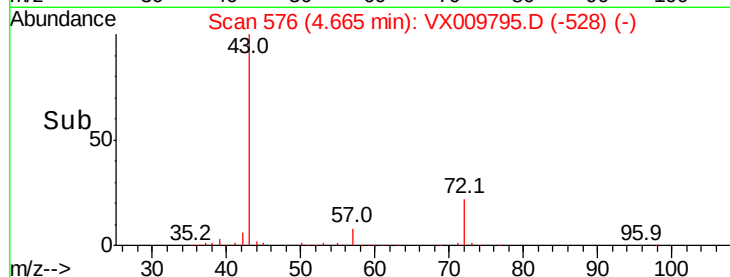
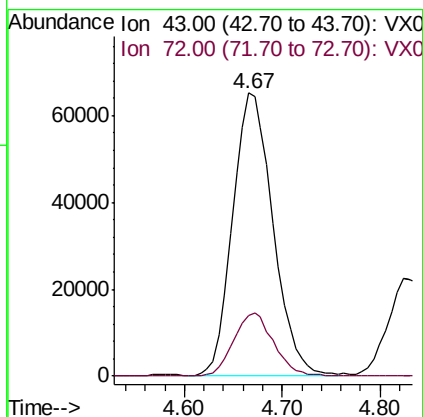
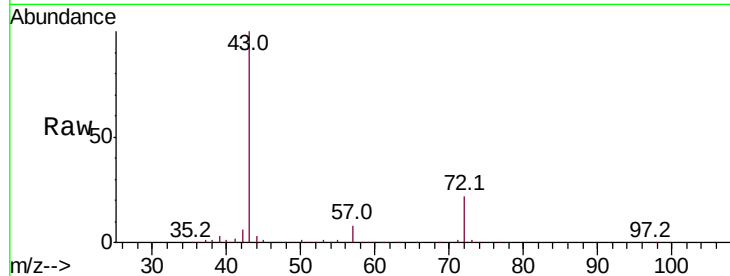
72 21.5 18.2 27.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.051 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009795.D

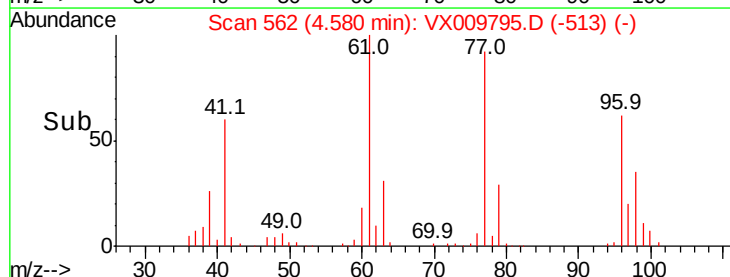
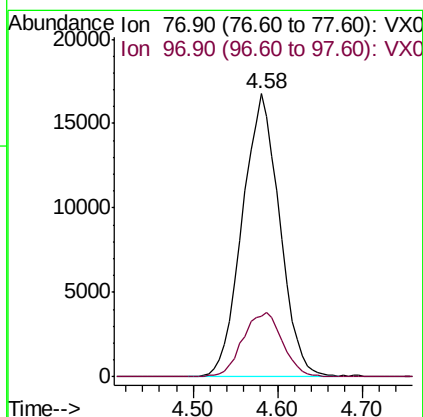
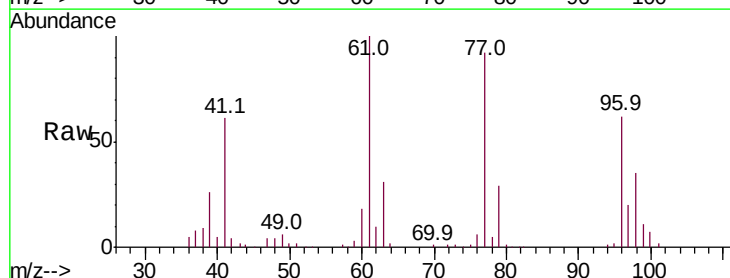
Acq: 22 May 2019 11:40

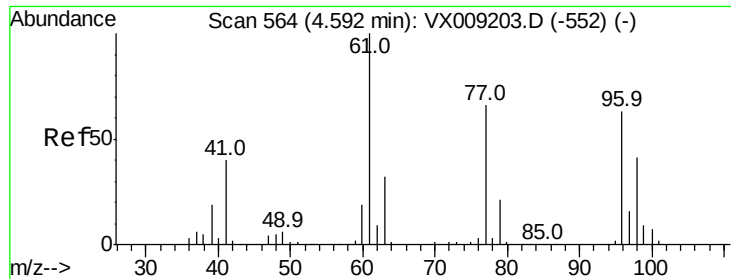
Tgt Ion: 77 Resp: 50723

Ion Ratio Lower Upper

77 100

97 24.4 11.5 34.4





#27

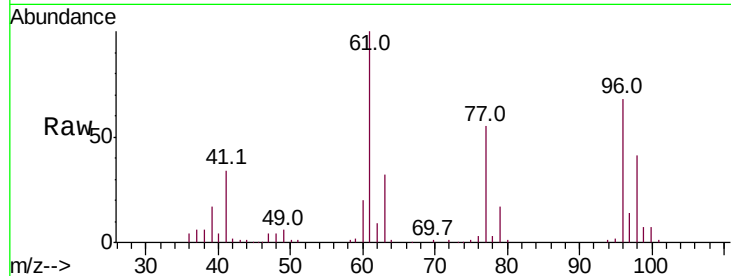
cis-1,2-Dichloroethene
Concen: 17.237 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	38570		
61	161.4	0.0	324.0	
98	63.8	0.0	130.4	

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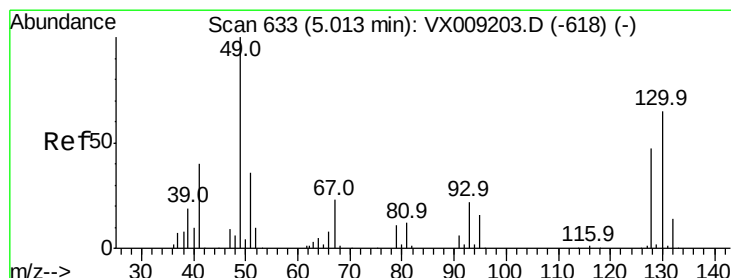
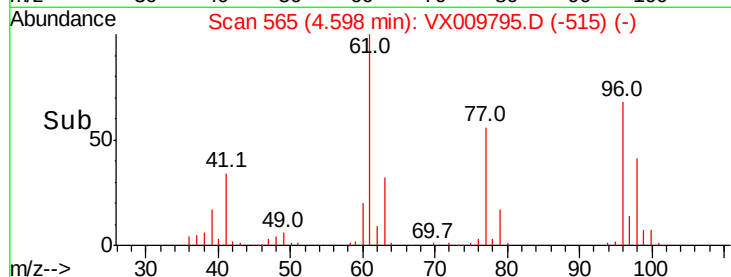
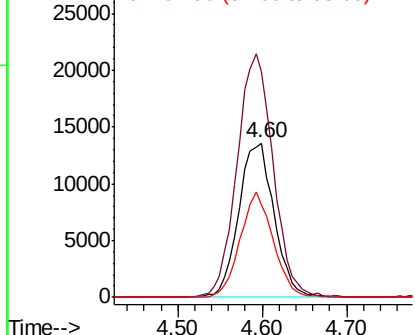


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

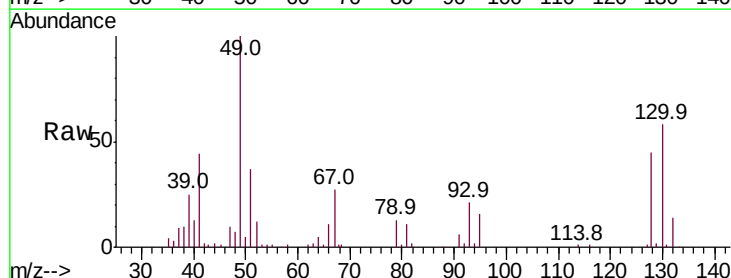
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 21.250 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	36722		
129	2.1	0.0	3.8	
130	61.8	51.2	76.8	

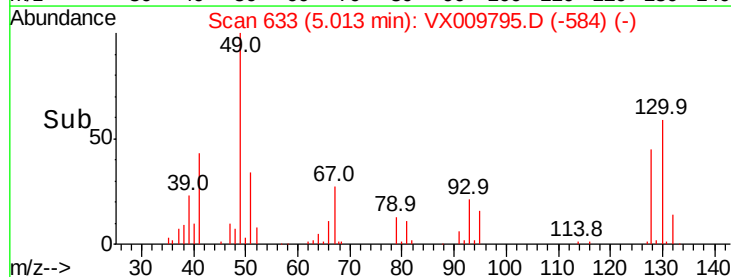
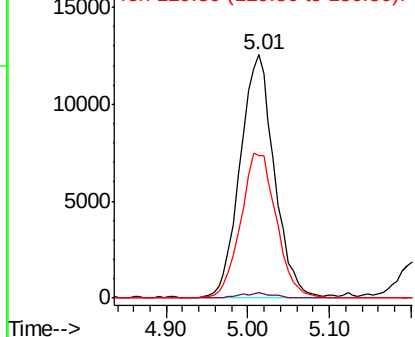


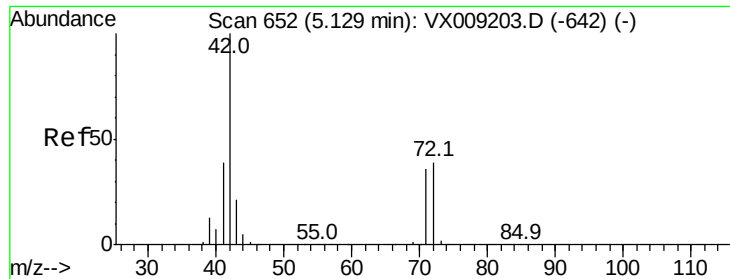
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





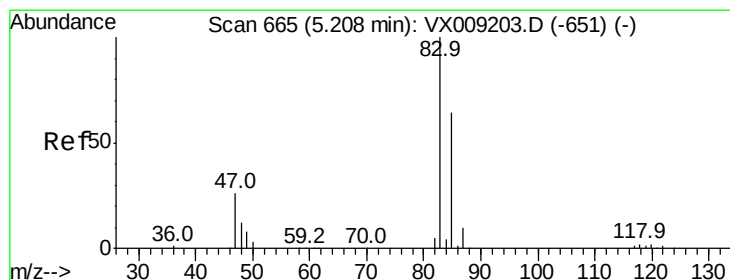
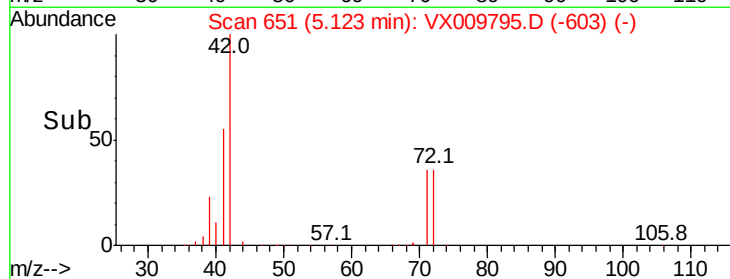
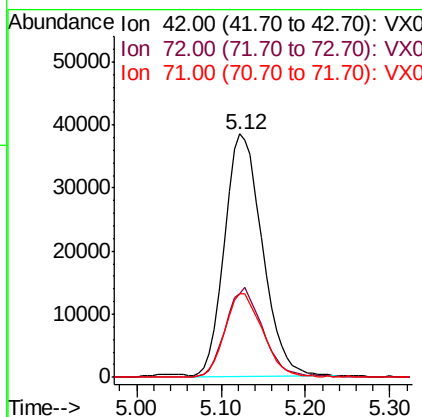
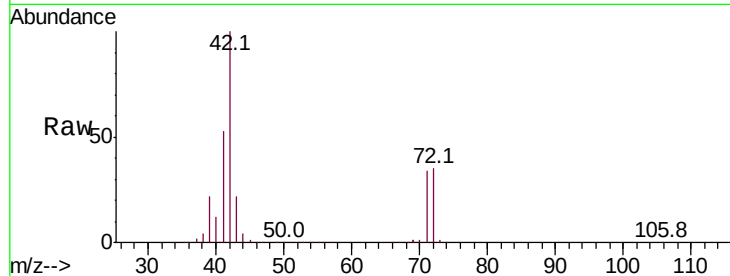
#29
Tetrahydrofuran
Concen: 86.895 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.0	30.4	45.6
71	34.8	28.6	43.0

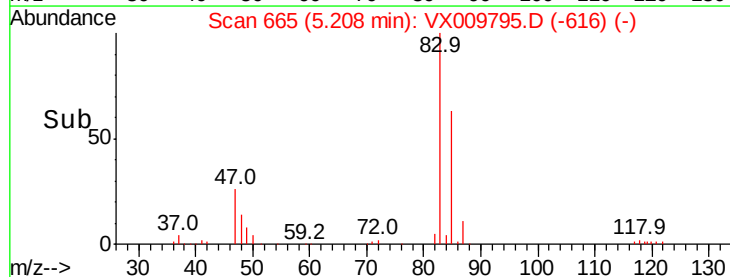
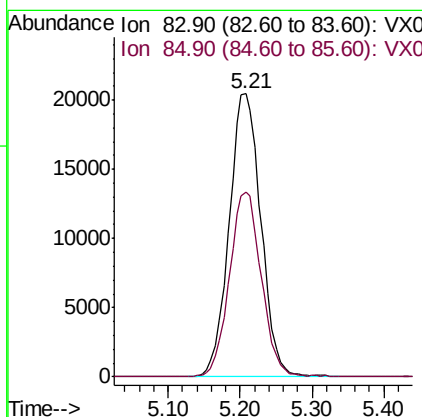
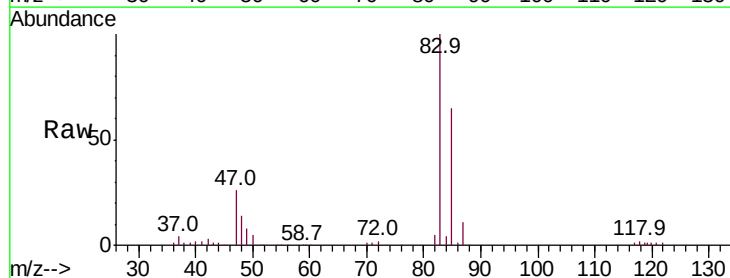
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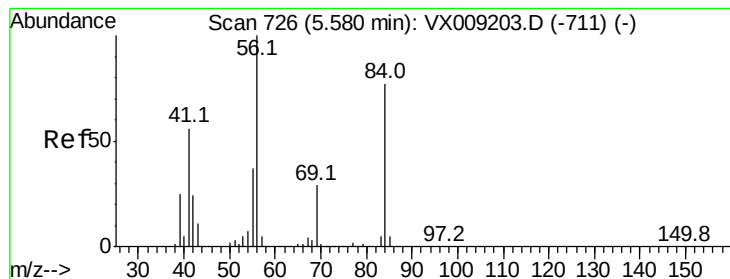
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#30
Chloroform
Concen: 17.345 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.5	77.3





#31

Cyclohexane

Concen: 18.407 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

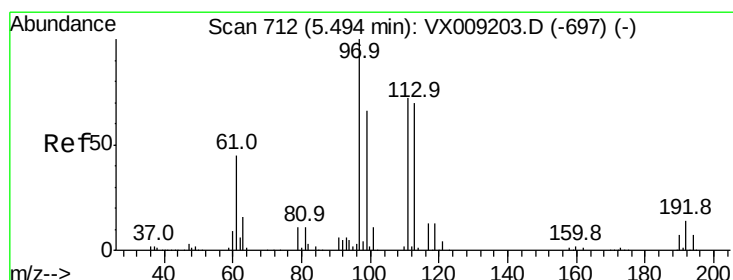
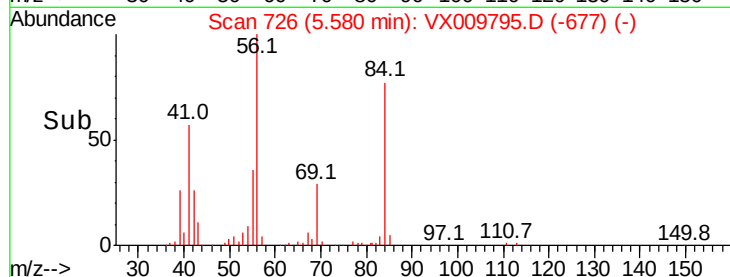
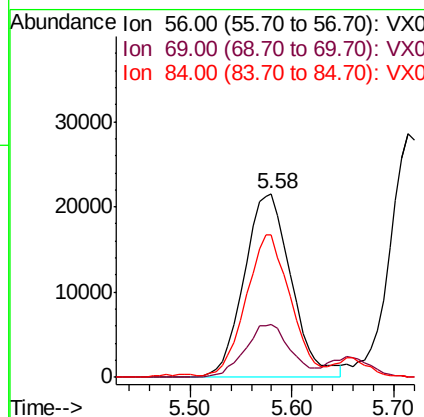
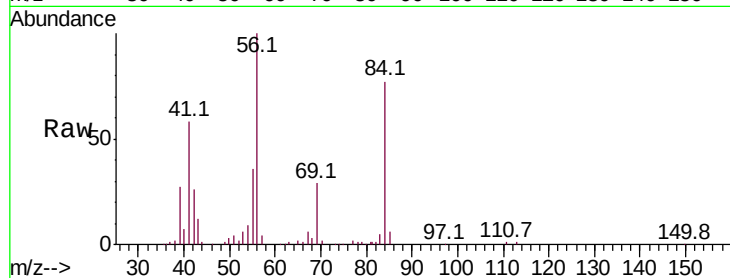
ClientSampleId :

VX0522WBS01

Tot Ion:	56	Resp:	68440
Ion Ratio	Lower	Upper	
56	100		
69	28.6	23.4	35.0
84	76.4	61.9	92.9

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#32

1,1,1-Trichloroethane

Concen: 17.150 ug/l

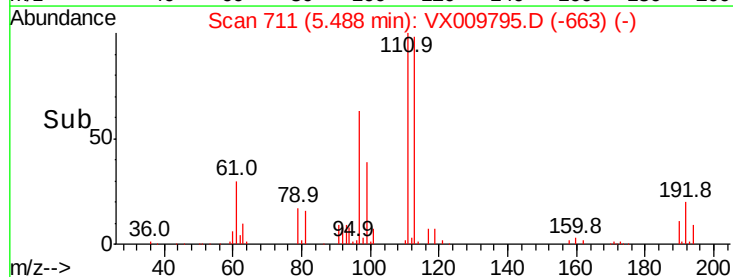
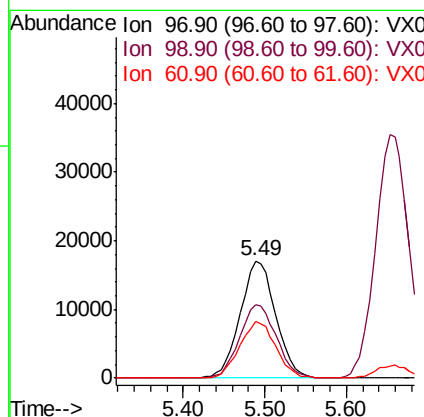
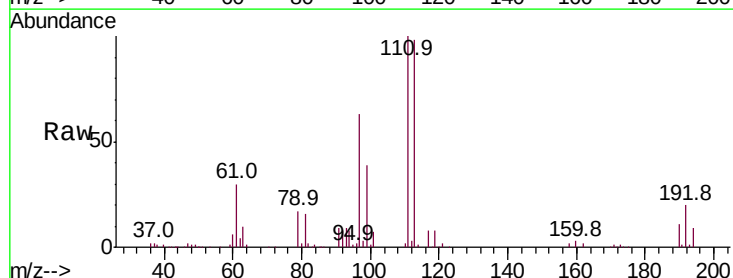
RT: 5.49 min Scan# 711

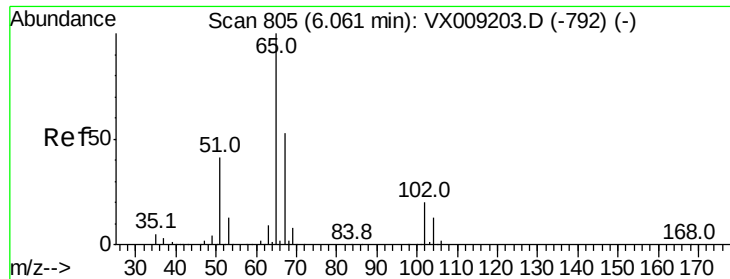
Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Tgt Ion:	97	Resp:	51604
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.8	77.8
61	49.1	37.8	56.8





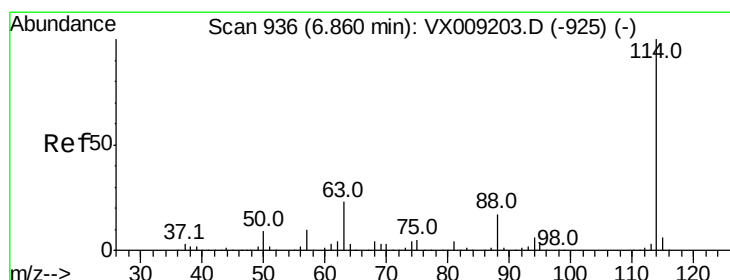
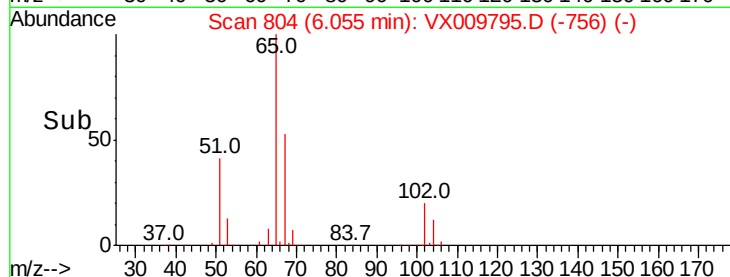
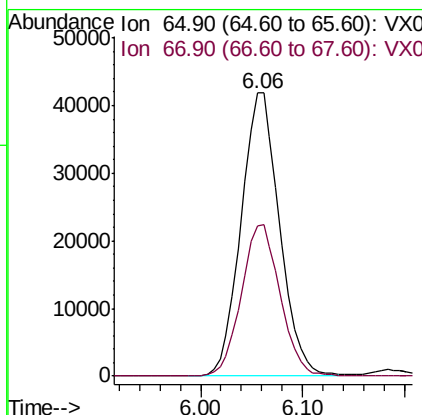
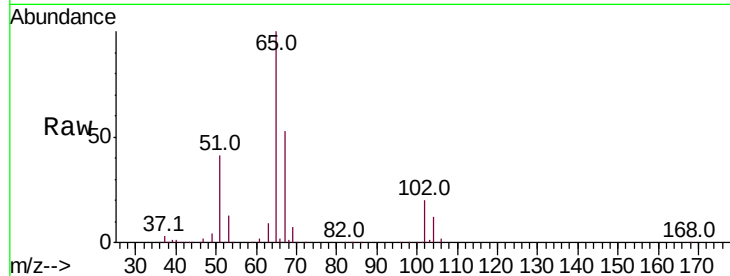
#33
 1,2-Dichloroethane-d4
 Concen: 43.639 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.0	0.0	106.6	

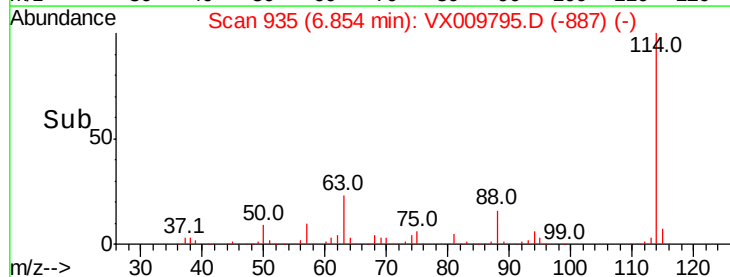
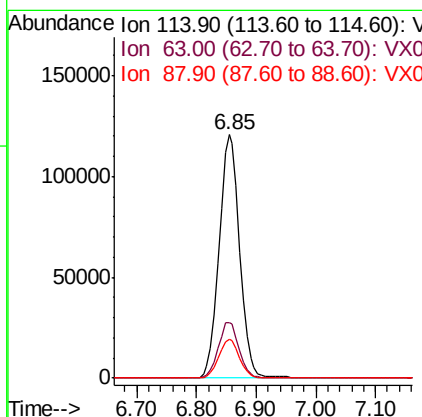
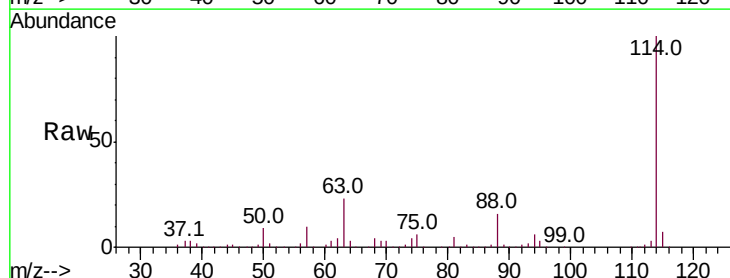
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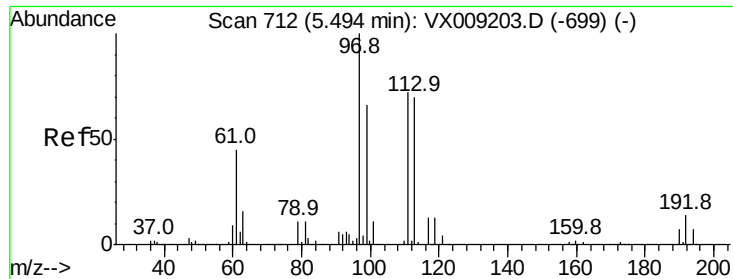
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.7	0.0	45.6	
88	16.1	0.0	33.2	





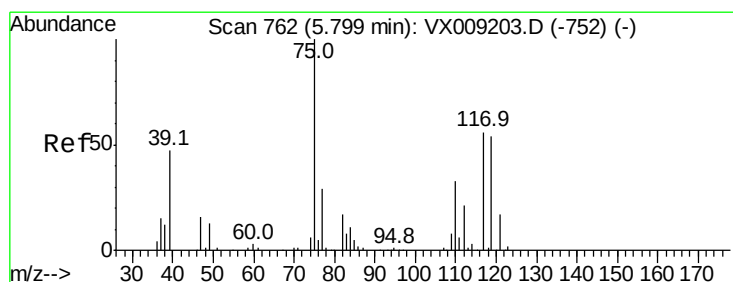
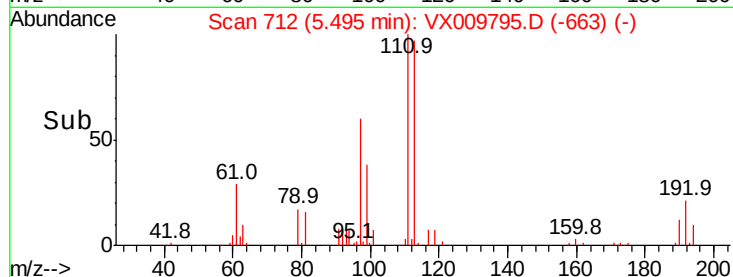
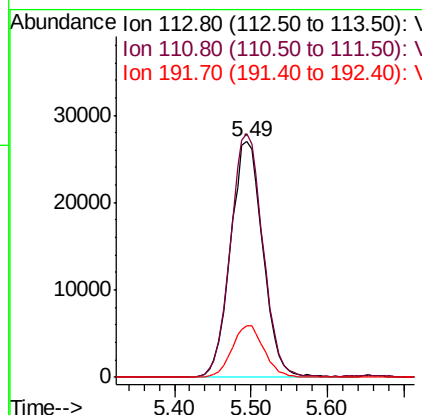
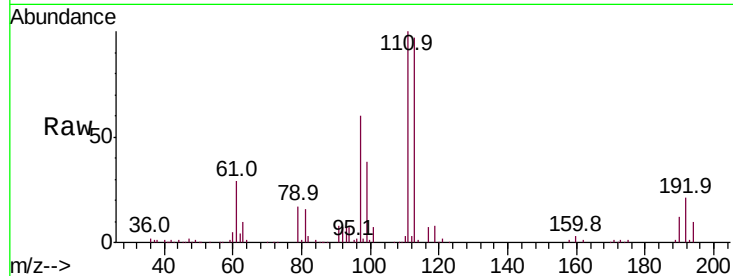
#35
Dibromofluoromethane
Concen: 43.602 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.8	124.2
192	21.6	17.0	25.6

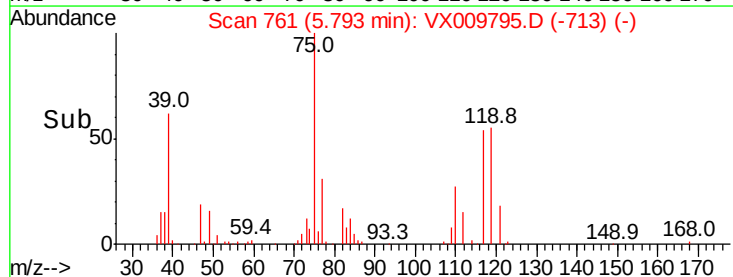
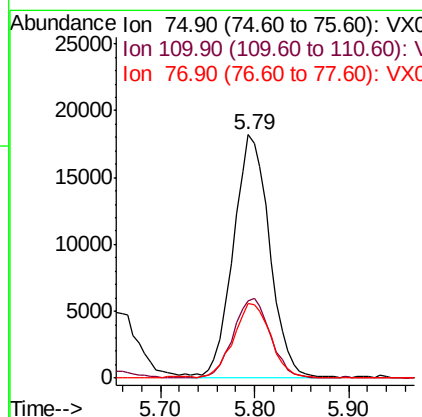
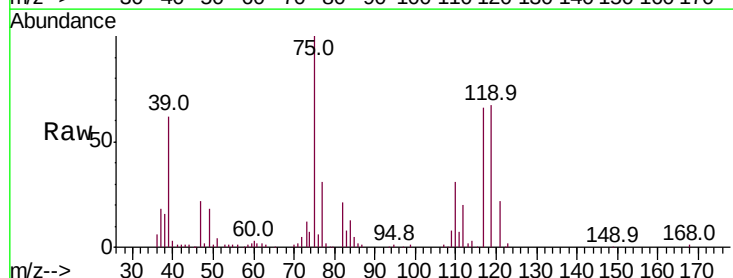
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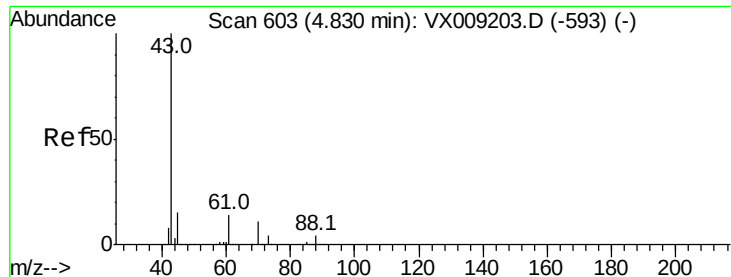
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#36
1,1-Dichloropropene
Concen: 18.122 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	31.9	24.8	37.2





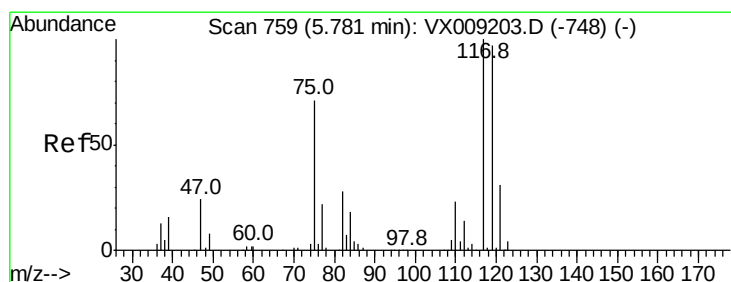
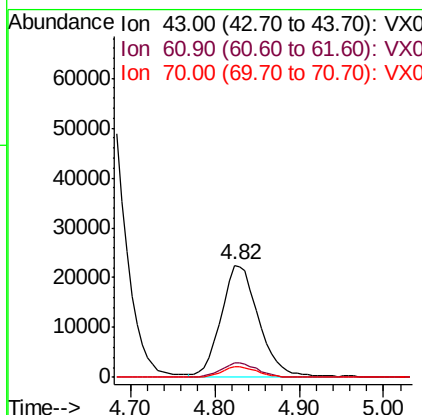
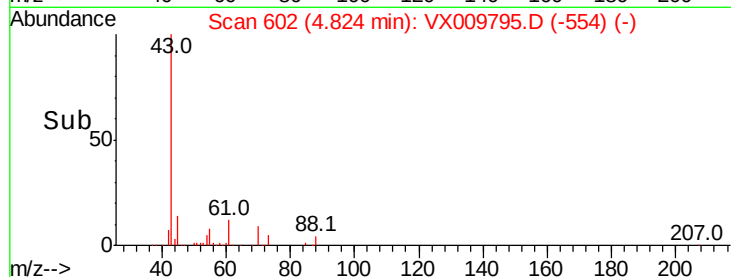
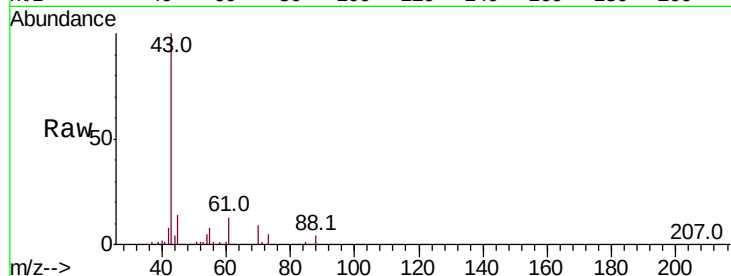
#37
Ethyl Acetate
Concen: 18.003 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.5	15.7
70	9.6	7.9	11.9

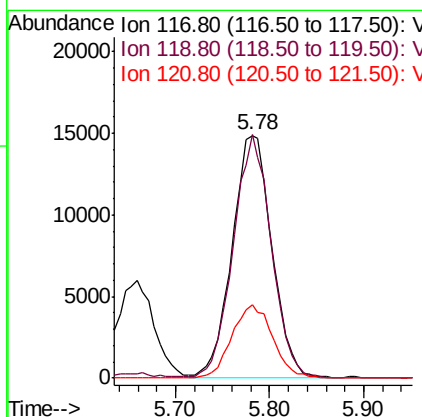
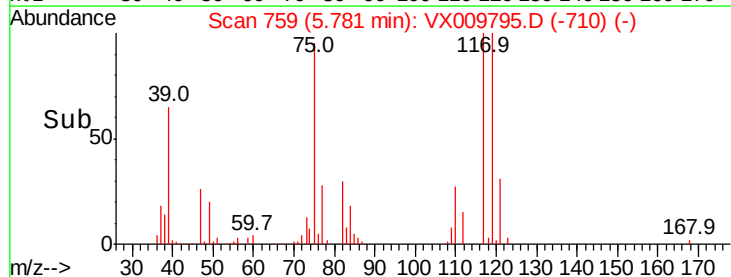
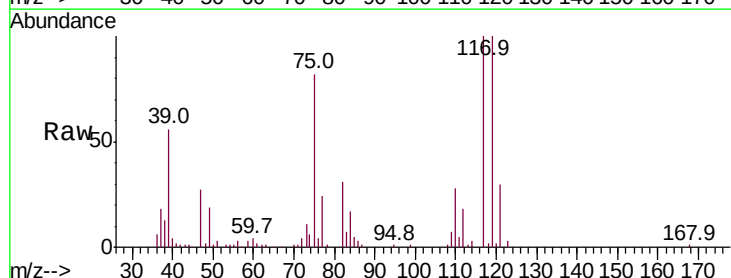
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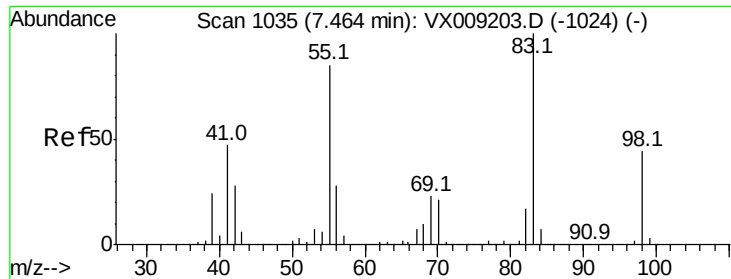
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#38
Carbon Tetrachloride
Concen: 18.074 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	77.5	116.3
121	30.4	24.7	37.1





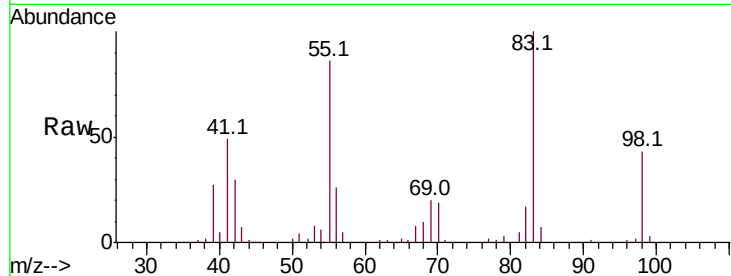
#39
Methylvlcyclohexane
Concen: 18.628 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

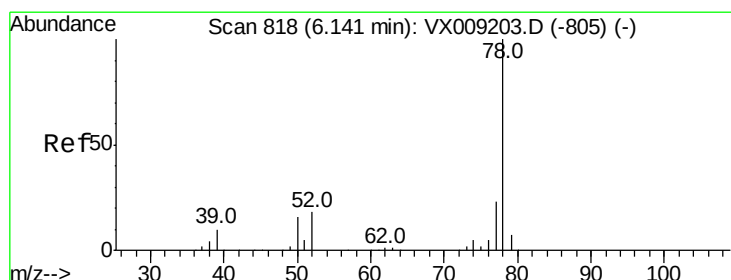
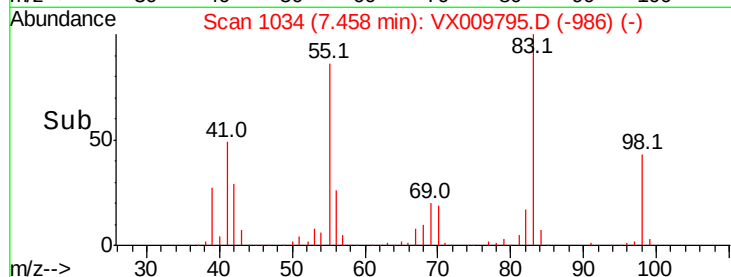
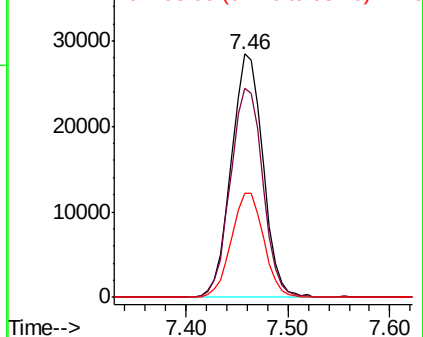
Tot Ion	Ratio	Lower	Upper
83	100		
55	85.9	67.7	101.5
98	42.9	35.5	53.3

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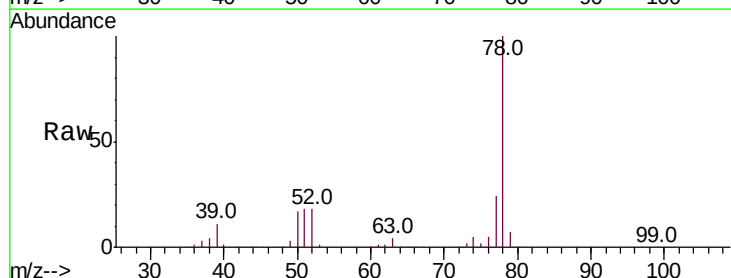


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

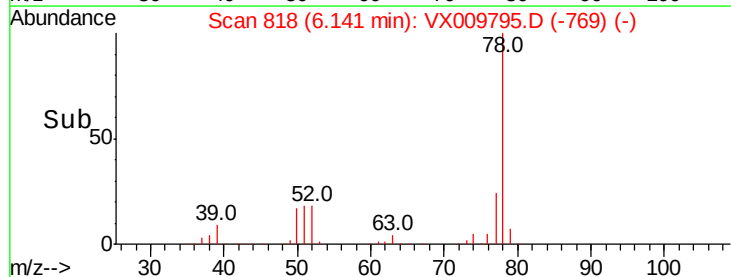
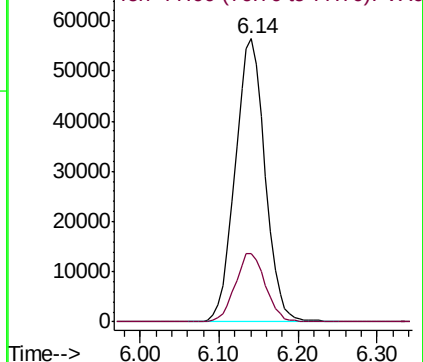


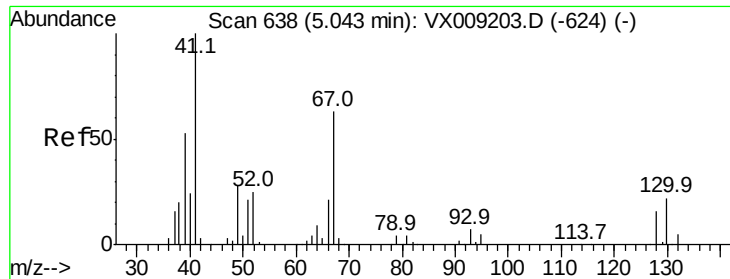
#40
Benzene
Concen: 17.929 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2



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





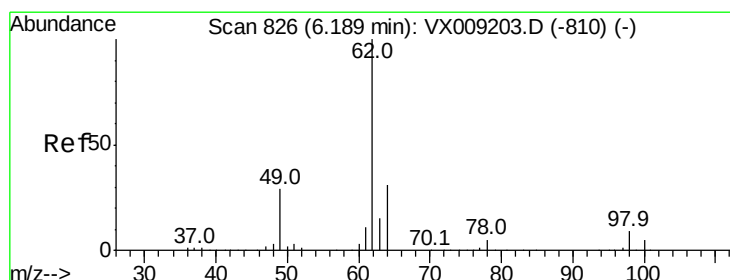
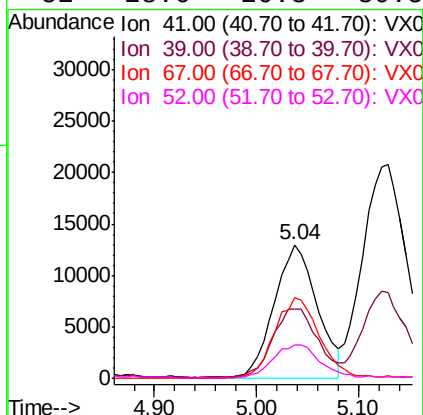
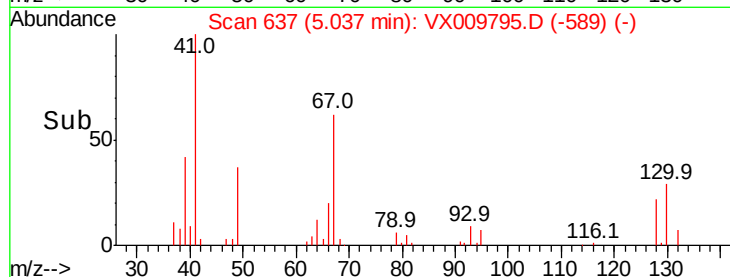
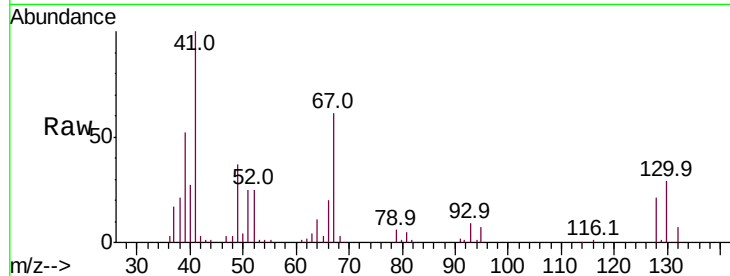
#41
Methacrylonitrile
Concen: 17.001 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.2	42.0	63.0	
67	63.6	49.8	74.8	
52	28.6	20.3	30.5	

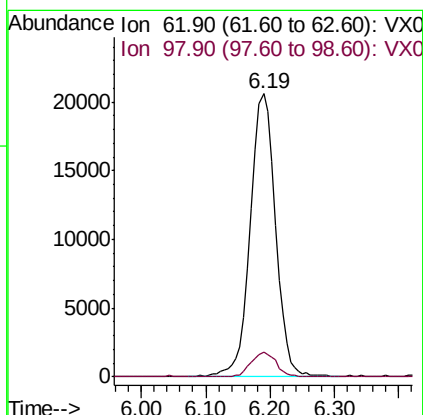
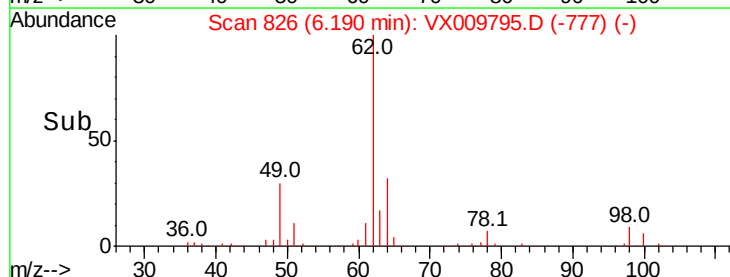
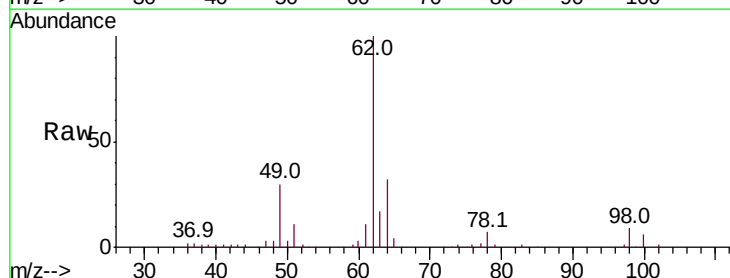
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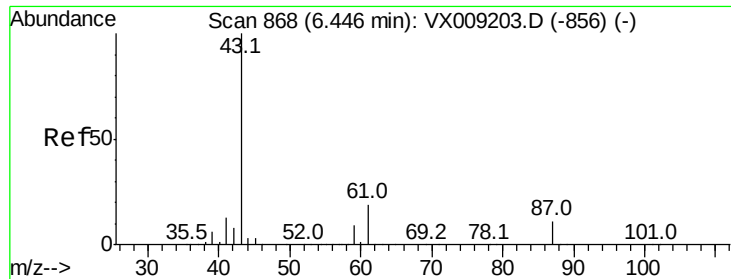
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#42
1,2-Dichloroethane
Concen: 18.686 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	18.2	





#43

Isopropyl Acetate

Concen: 17.893 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

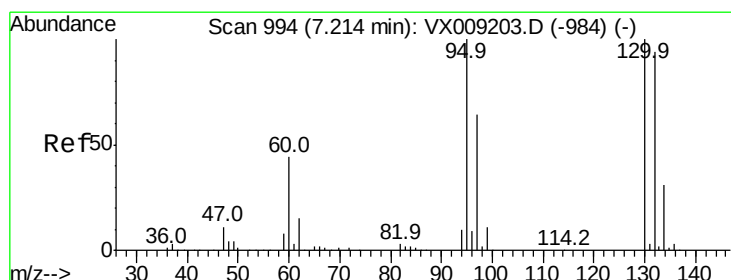
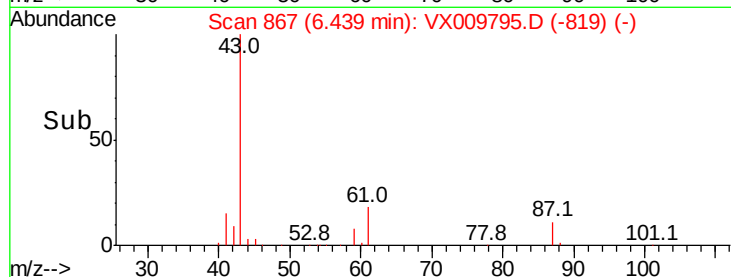
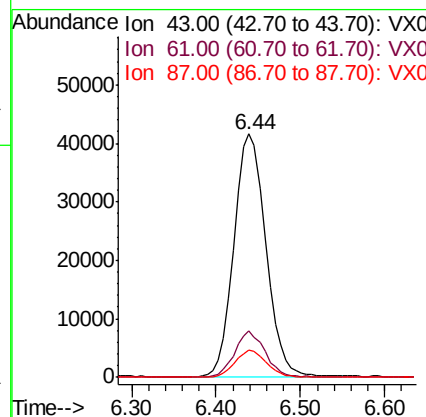
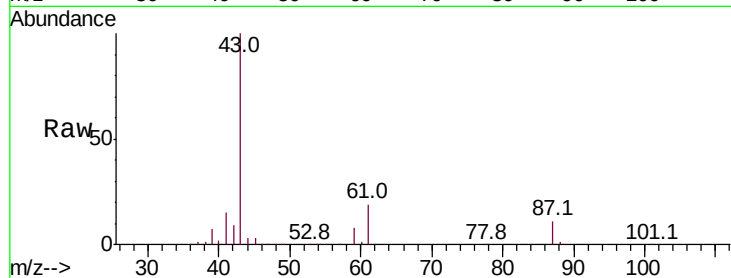
ClientSampleId :

VX0522WBS01

Tot Ion:	43	Resp:	106757
Ion Ratio	Lower	Upper	
43	100		
61	18.2	15.1	22.7
87	11.1	9.0	13.6

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#44

Trichloroethene

Concen: 17.568 ug/l

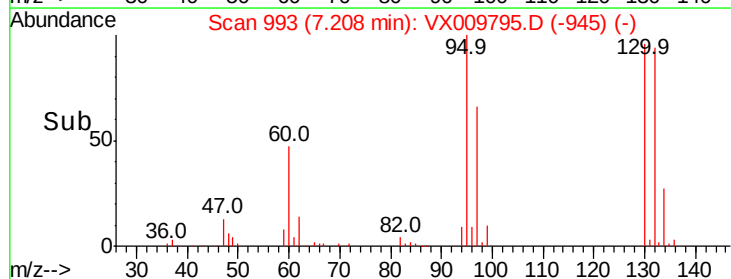
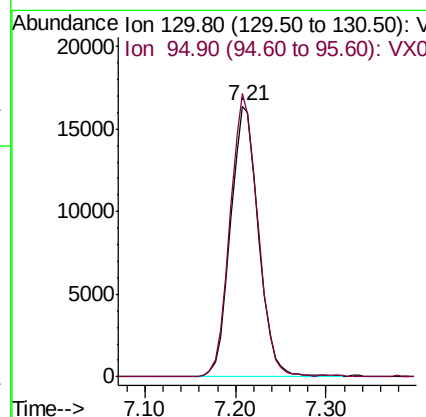
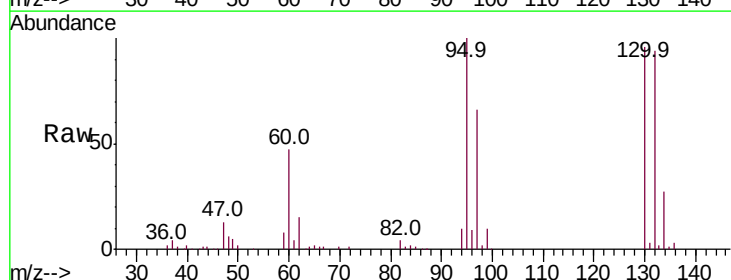
RT: 7.21 min Scan# 993

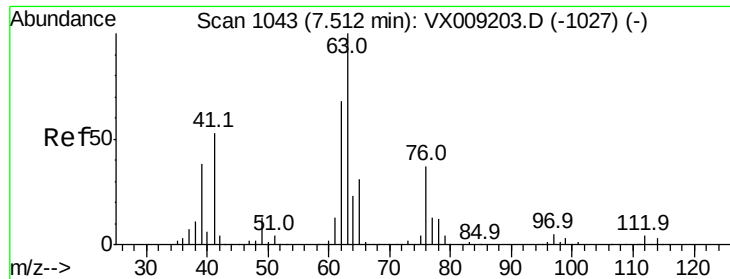
Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Tgt Ion:	130	Resp:	35189
Ion Ratio	Lower	Upper	
130	100		
95	104.6	0.0	199.2





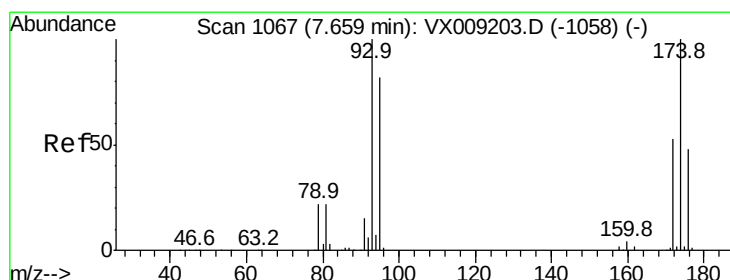
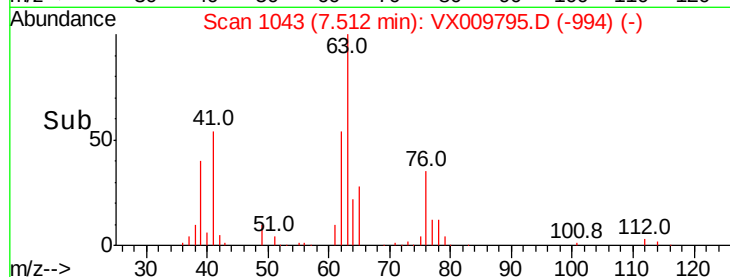
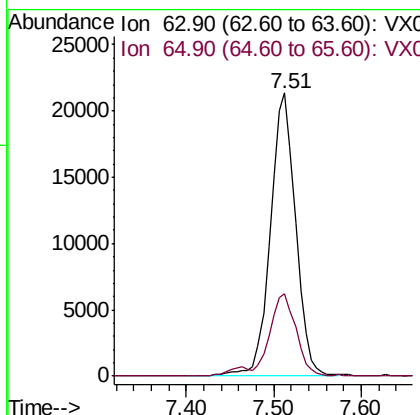
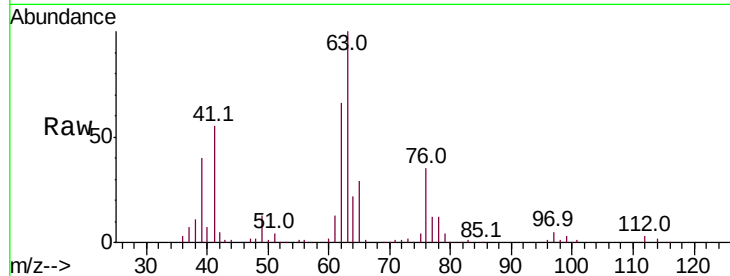
#45
 1,2-Dichloropropane
 Concen: 18.296 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0522WBS01

Tot Ion: 63 Resp: 42923
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.0 37.6

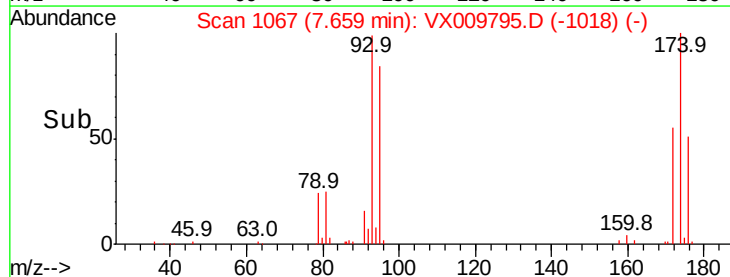
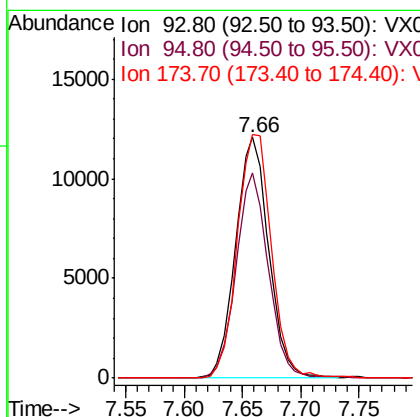
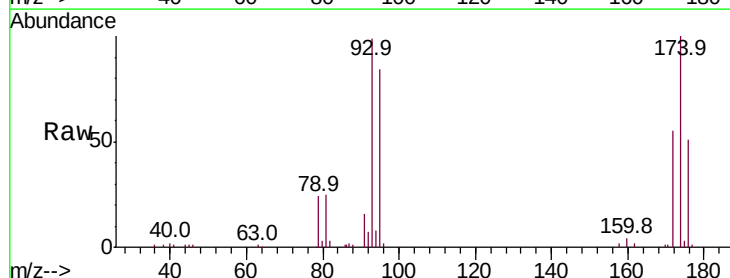
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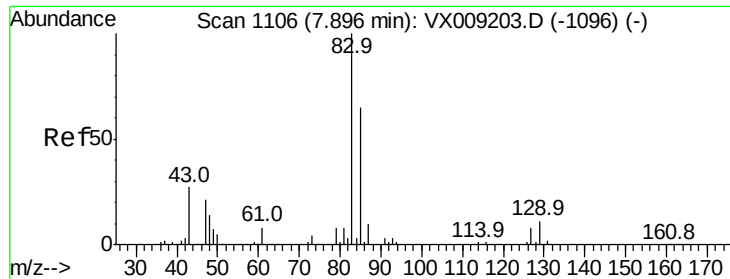
MMDadoda
 5/23/2019 10:43:58 AM



#46
 Dibromomethane
 Concen: 17.619 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion: 93 Resp: 24004
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.5 99.7
 174 104.3 82.1 123.1





#47

Bromodichloromethane

Concen: 17.475 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

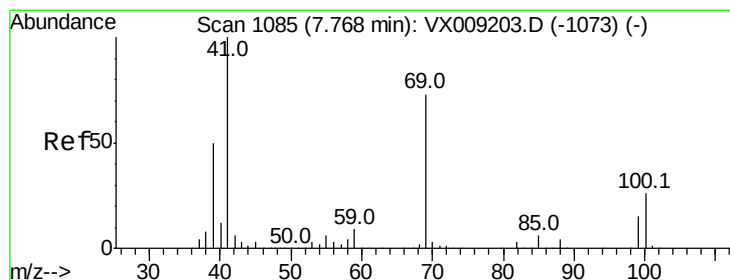
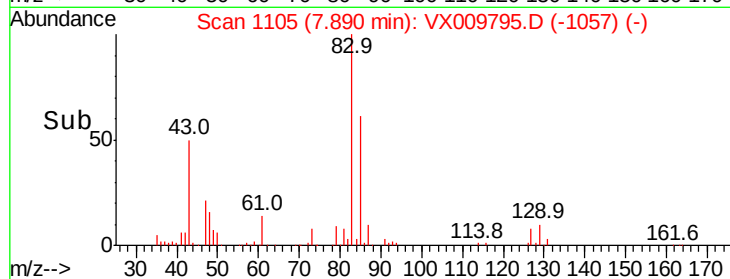
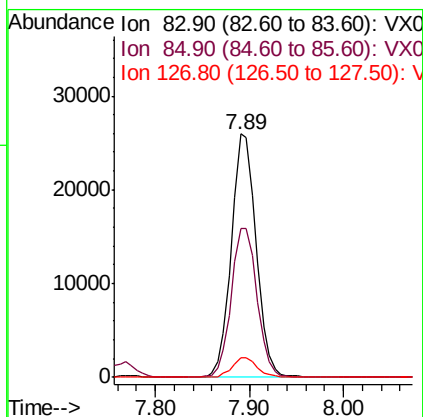
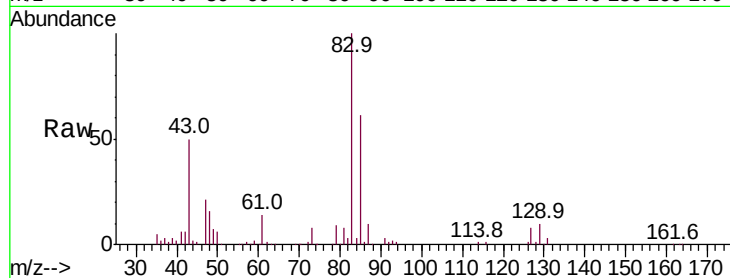
ClientSampleId :

VX0522WBS01

Tot Ion:	83	Resp:	47491
Ion	Ratio	Lower	Upper
83	100		
85	61.3	52.4	78.6
127	7.9	6.6	10.0

Manual Integrations
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MMDadoda
5/23/2019 10:43:58 AM



#48

Methyl methacrylate

Concen: 18.305 ug/l

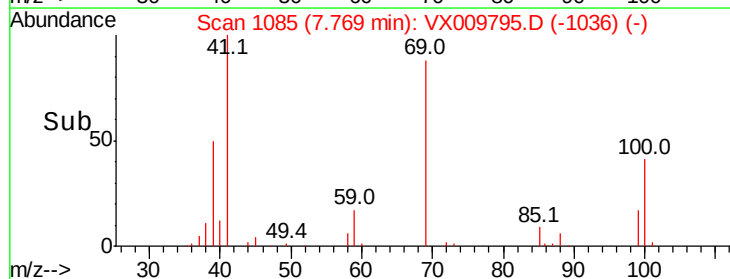
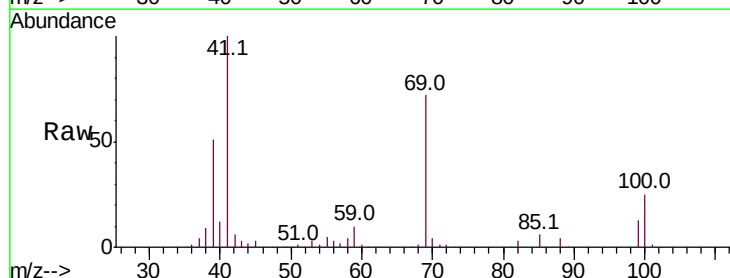
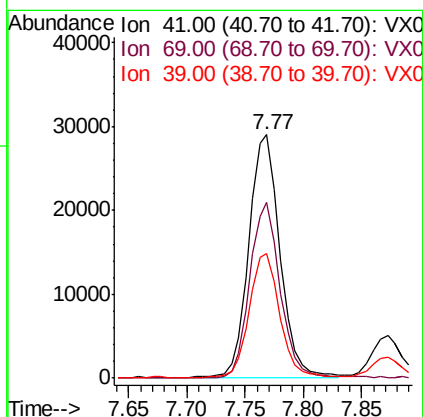
RT: 7.77 min Scan# 1085

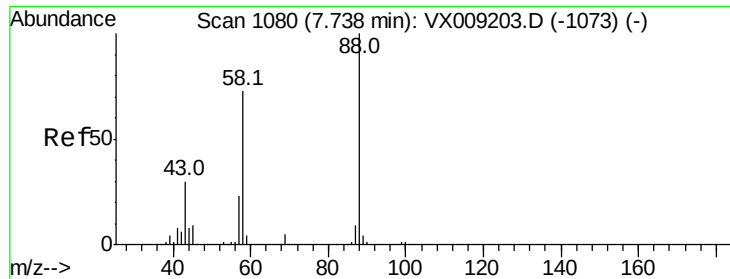
Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Tgt Ion:	41	Resp:	54184
Ion	Ratio	Lower	Upper
41	100		
69	71.0	59.1	88.7
39	51.0	40.4	60.6





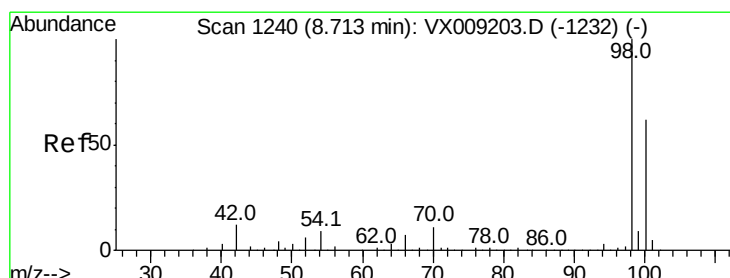
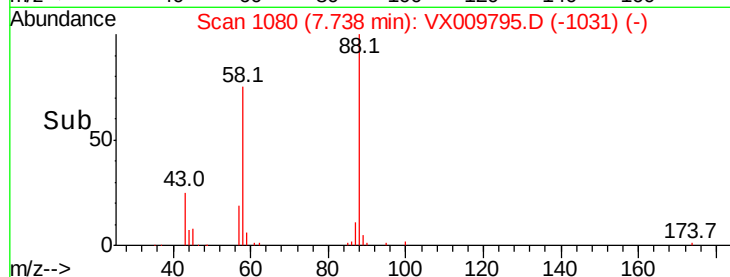
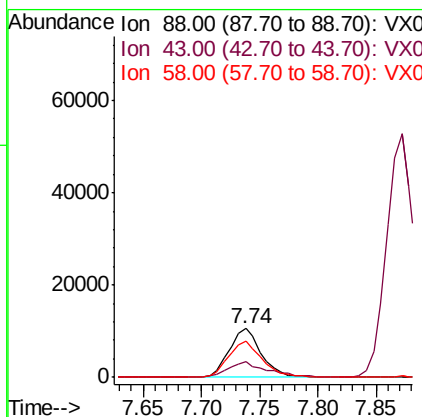
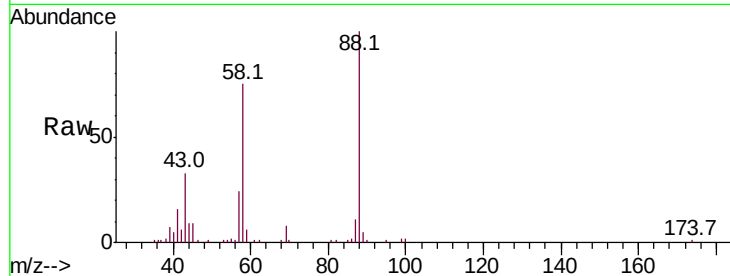
#49
1,4-Dioxane
Concen: 342.176 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	28.6	42.8
58	78.3	61.7	92.5

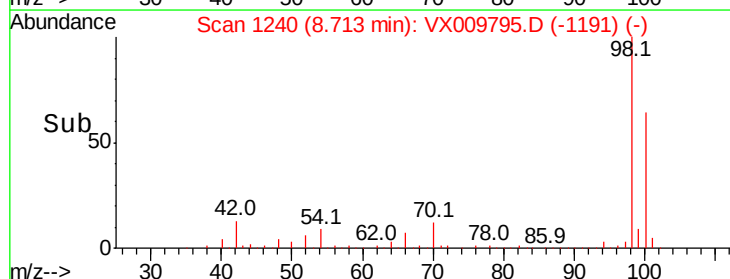
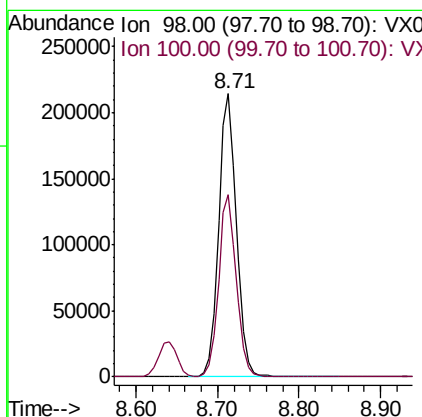
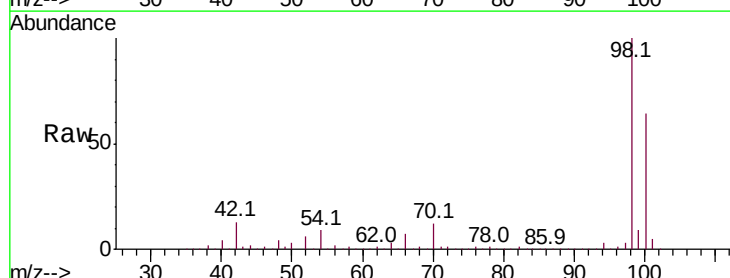
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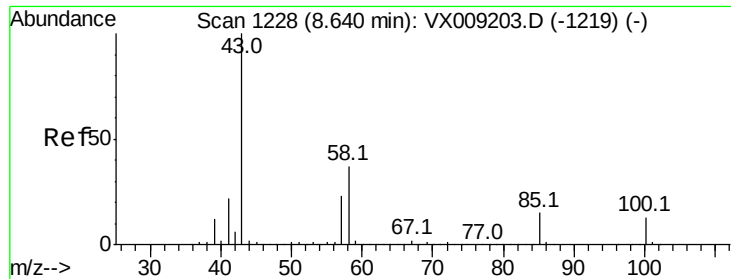
MMDadoda
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#50
Toluene-d8
Concen: 44.807 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 89.845 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampled :

VX0522WBS01

Tot Ion: 43 Resp: 350379

Ion Ratio Lower Upper

43 100

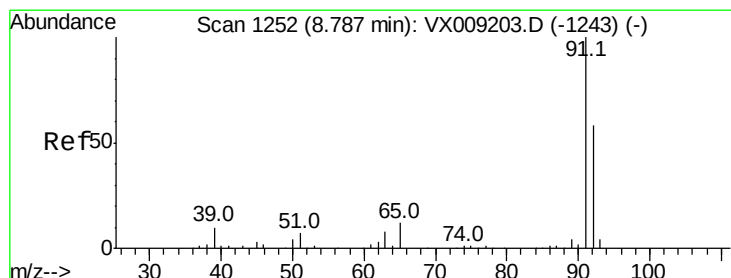
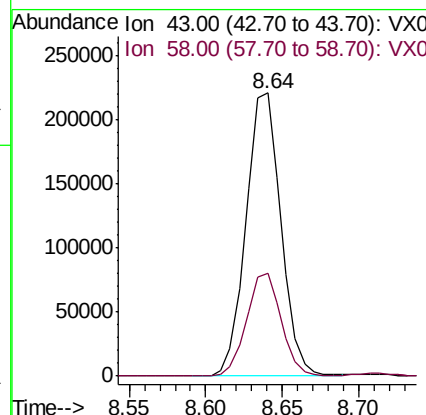
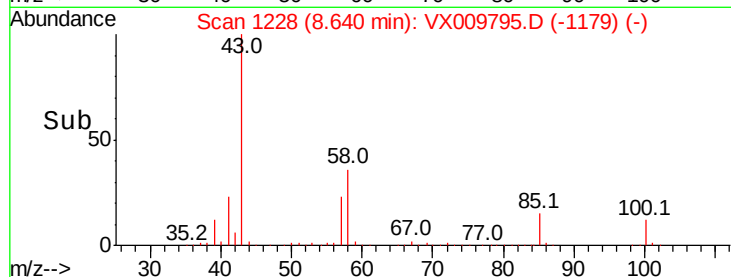
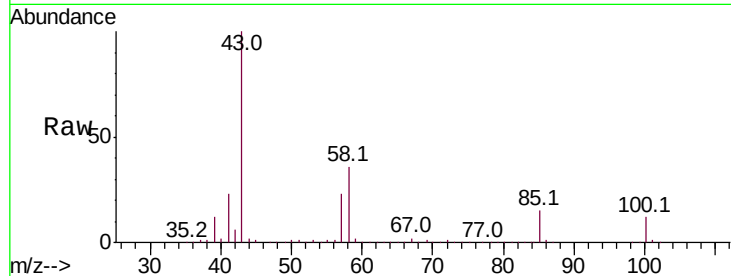
58 36.0 29.5 44.3

Manual Integrations

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5/23/2019 10:43:58 AM



#52

Toluene

Concen: 18.156 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009795.D

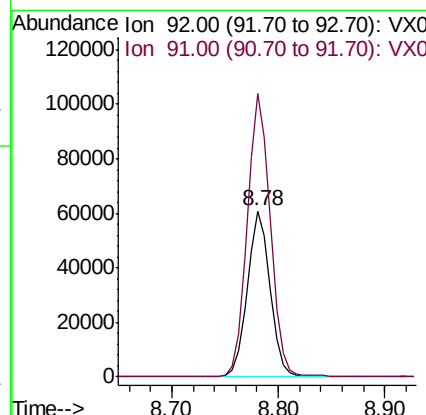
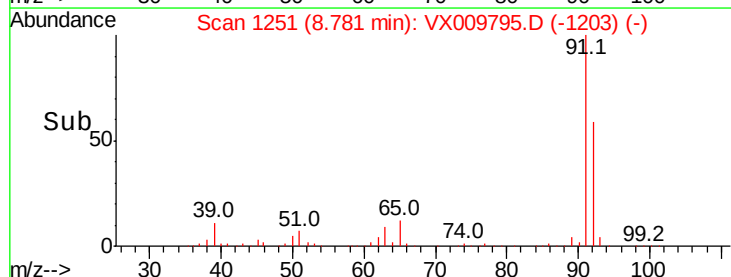
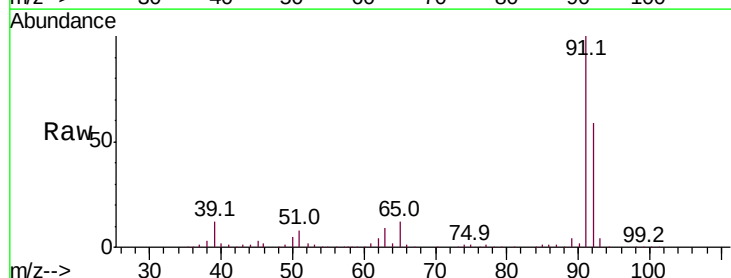
Acq: 22 May 2019 11:40

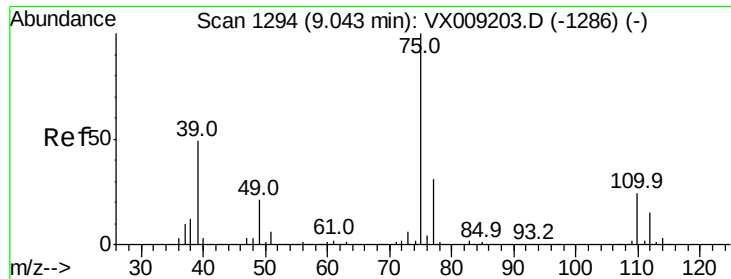
Tgt Ion: 92 Resp: 91442

Ion Ratio Lower Upper

92 100

91 173.3 138.8 208.2





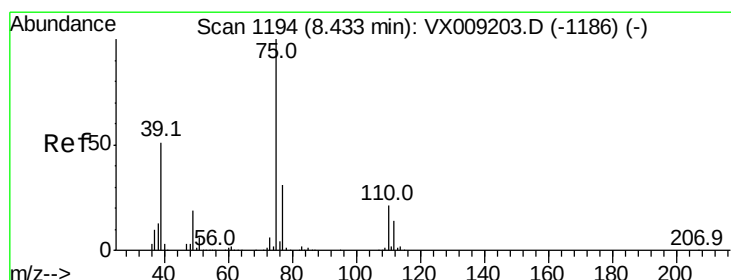
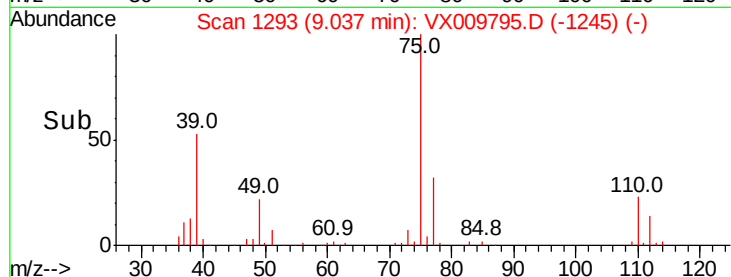
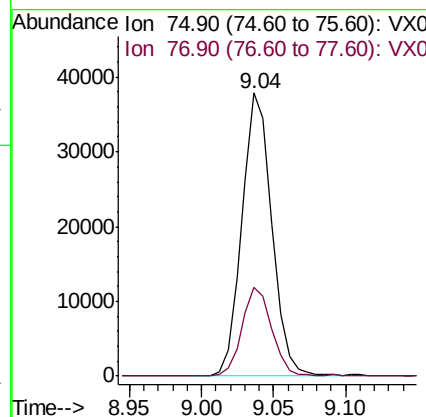
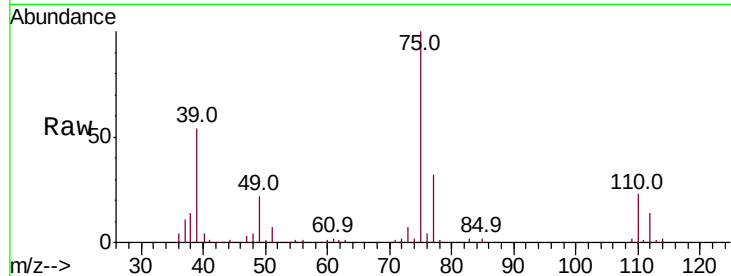
#53
t-1,3-Dichloropropene
Concen: 17.780 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion: 75 Resp: 54554
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6

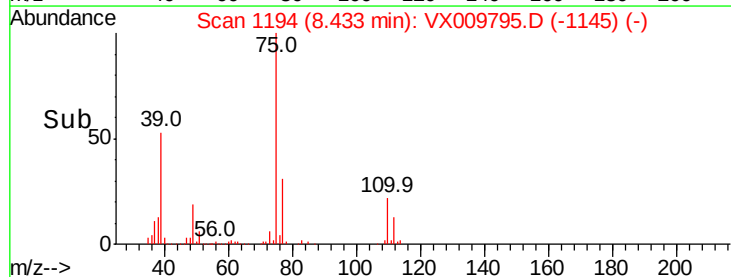
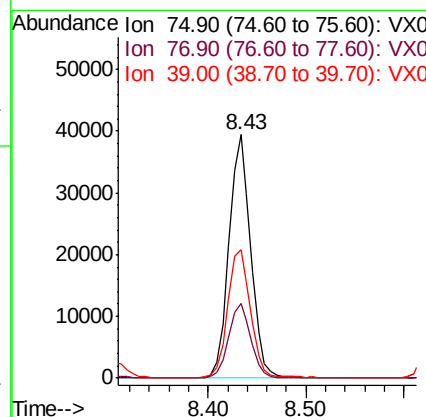
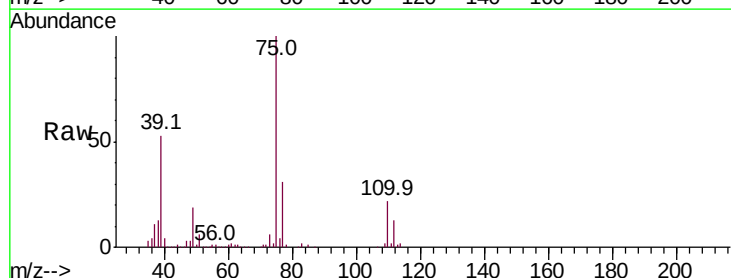
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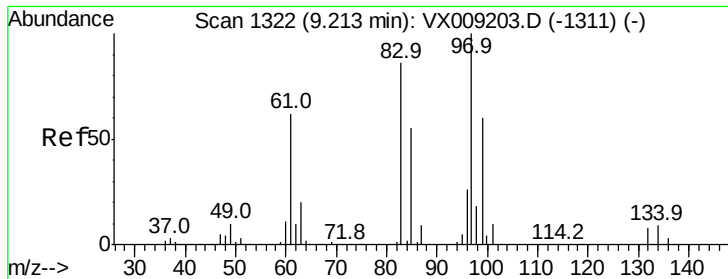
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#54
cis-1,3-Dichloropropene
Concen: 17.833 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion: 75 Resp: 60562
Ion Ratio Lower Upper
75 100
77 30.6 24.6 36.8
39 52.7 40.6 60.8





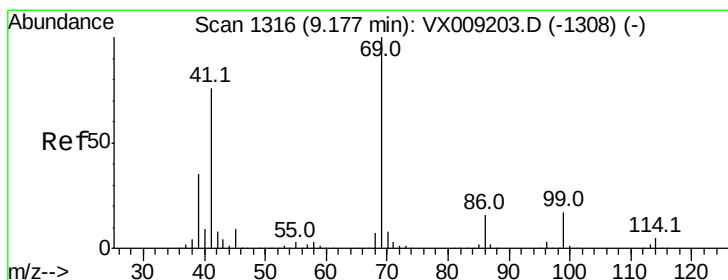
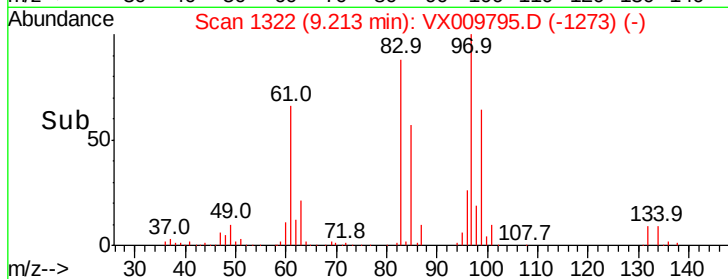
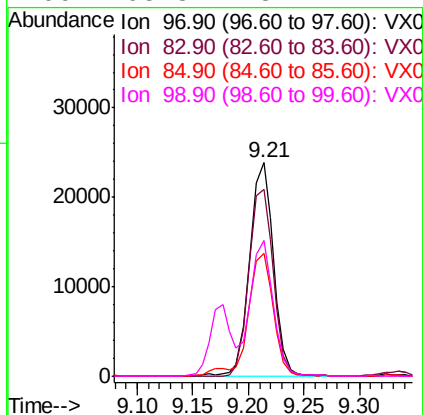
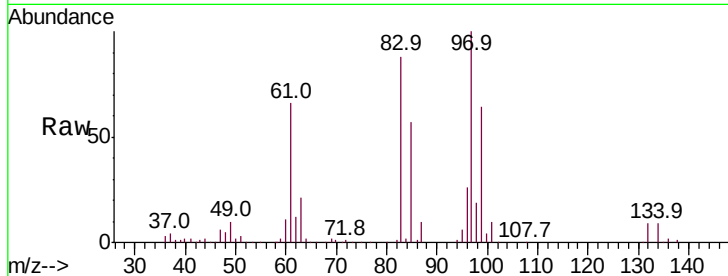
#55
 1,1,2-Trichloroethane
 Concen: 17.437 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Tot Ion	97	Resp	35828
Ion Ratio	Lower	Upper	
97	100		
83	87.7	68.9	103.3
85	57.4	43.8	65.6
99	63.8	48.2	72.2

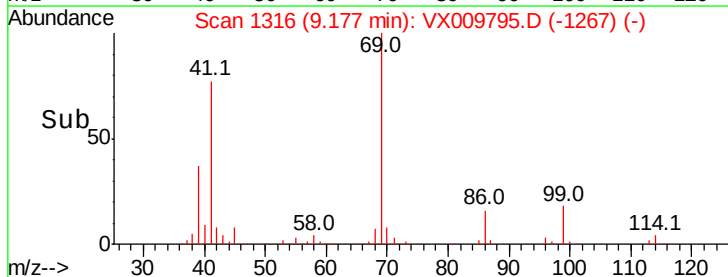
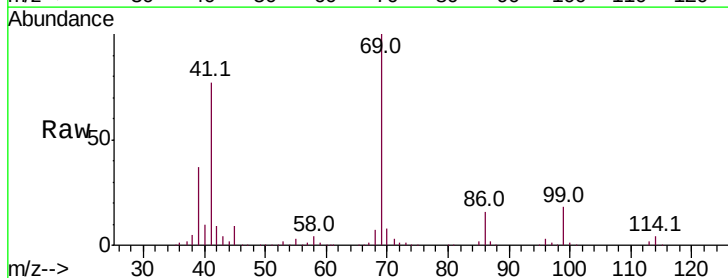
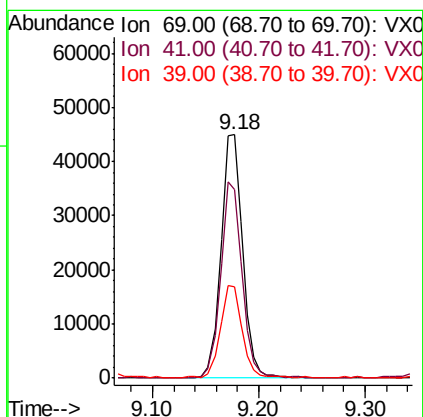
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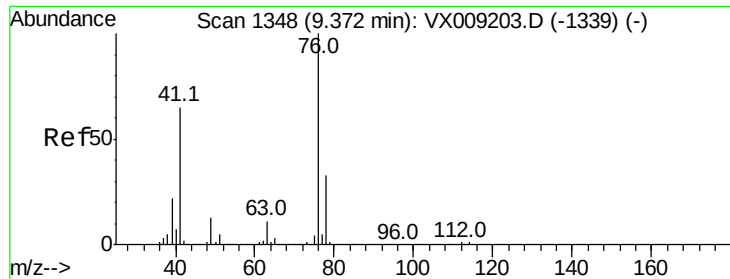
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#56
 Ethyl methacrylate
 Concen: 17.506 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion	69	Resp	64207
Ion Ratio	Lower	Upper	
69	100		
41	78.6	60.6	90.8
39	37.5	28.2	42.4





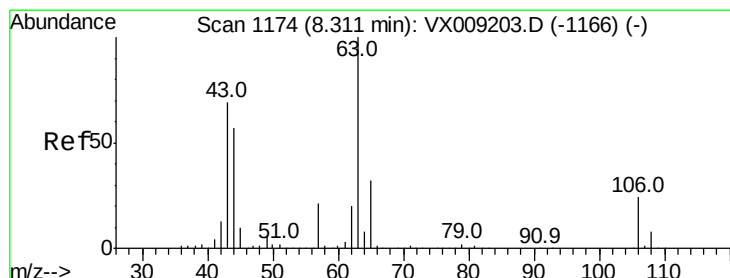
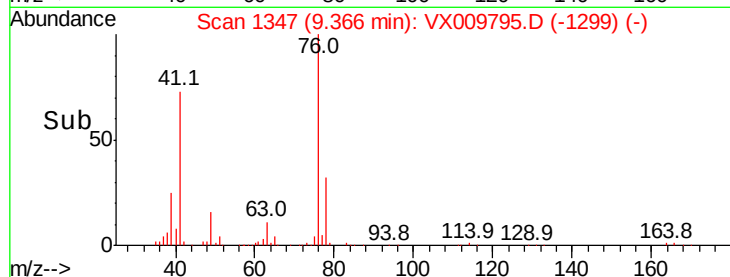
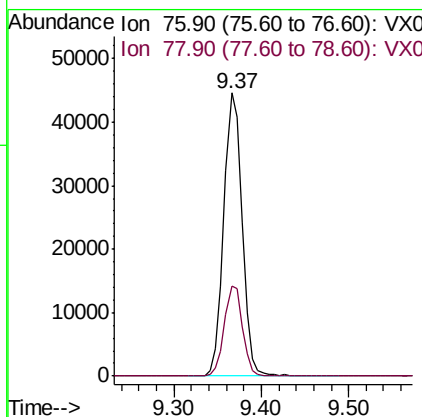
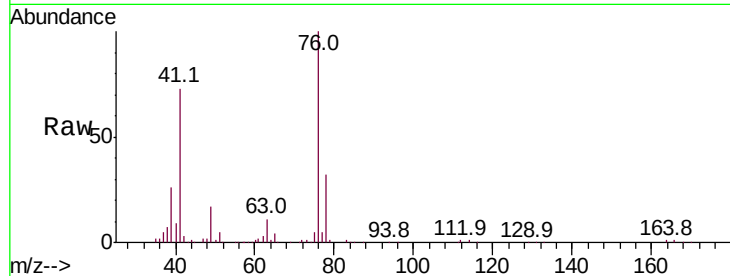
#57
 1,3-Dichloropropane
 Concen: 17.966 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampled :
 VX0522WBS01

Tot Ion: 76 Resp: 64963
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.5 38.3

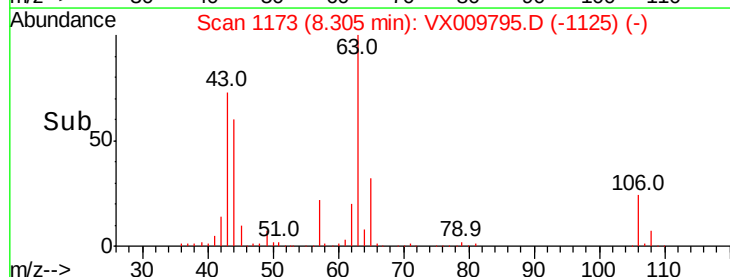
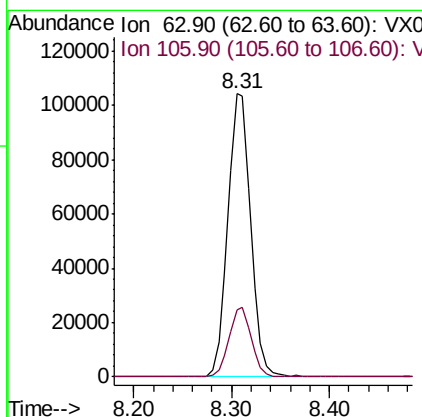
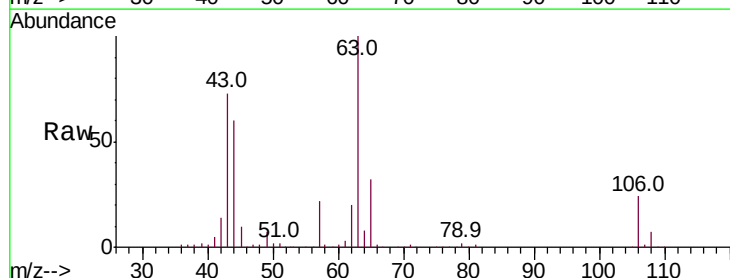
Manual Integrations
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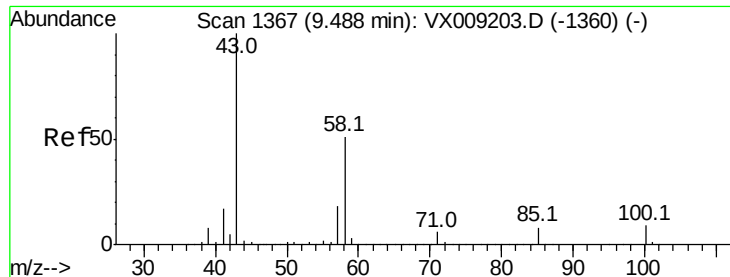
MMDadoda
 5/23/2019 10:43:58 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.723 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion: 63 Resp: 168741
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.7 29.5





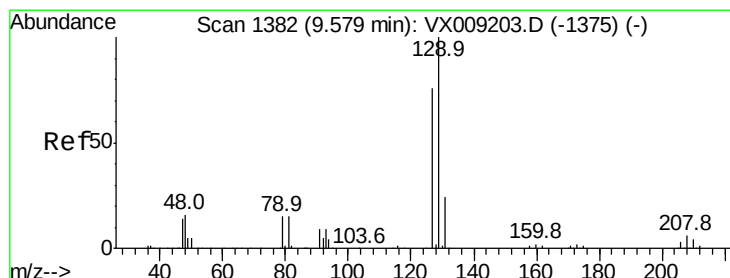
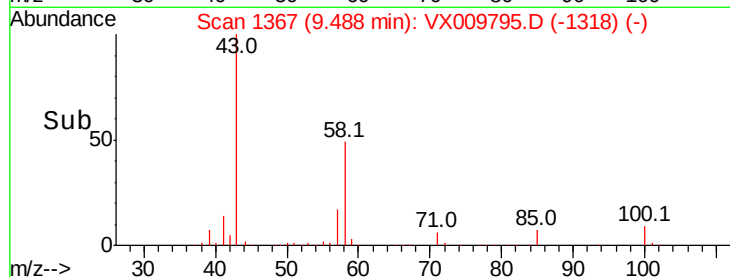
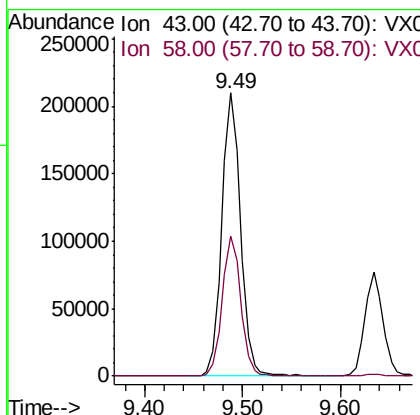
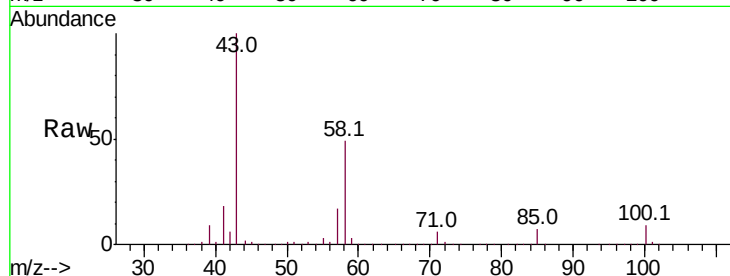
#59
2-Hexanone
Concen: 91.130 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion: 43 Resp: 279118
Ion Ratio Lower Upper
43 100
58 49.5 25.9 77.7

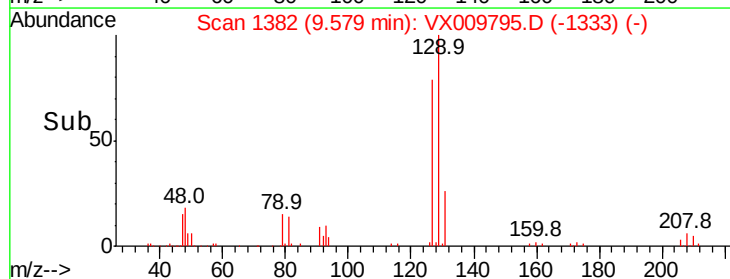
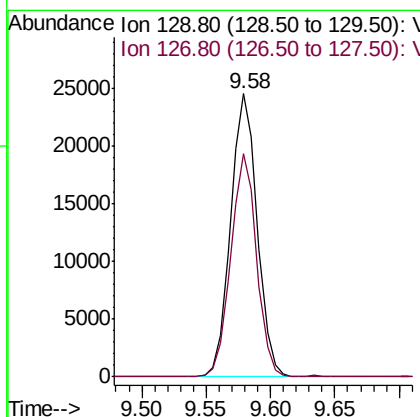
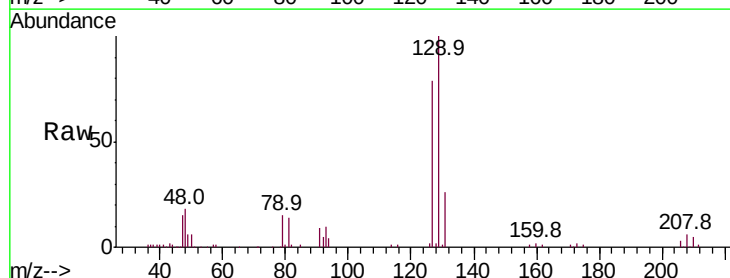
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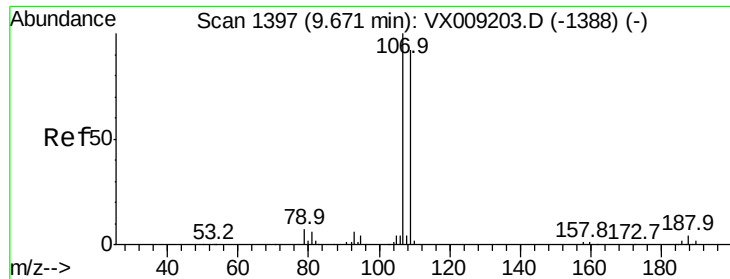
MMDadoda
5/23/2019 10:43:58 AM



#60
Dibromochloromethane
Concen: 17.611 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion: 129 Resp: 35343
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 17.721 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tot Ion:107 Resp: 36756

Ion Ratio Lower Upper

107 100

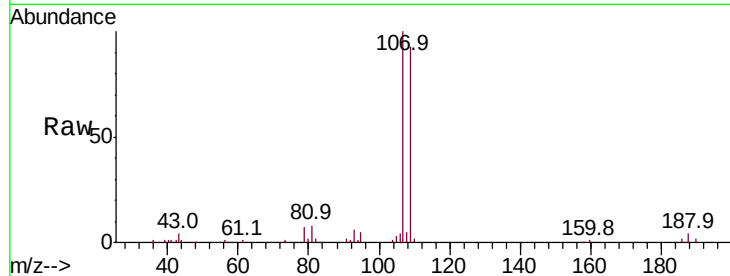
109 93.8 75.2 112.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

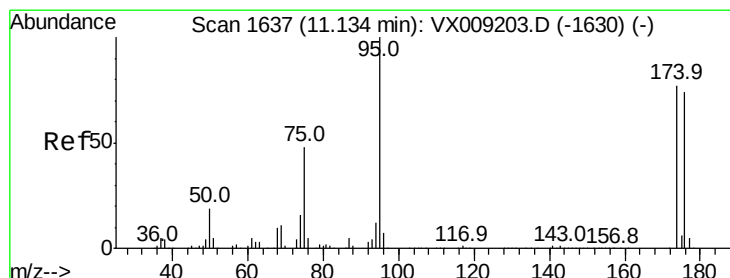
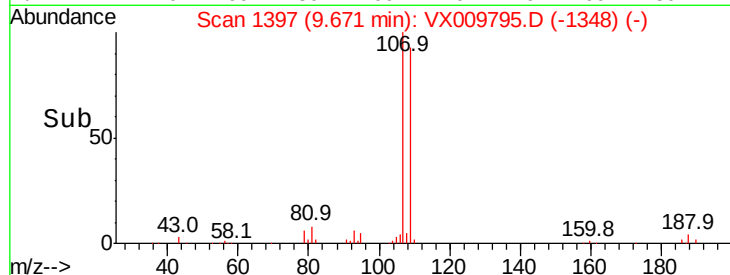
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.073 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

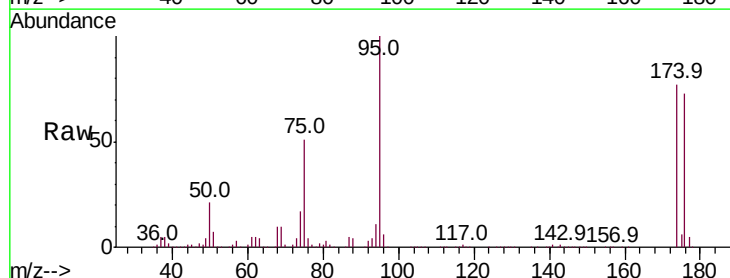
Tgt Ion: 95 Resp: 119744

Ion Ratio Lower Upper

95 100

174 79.7 0.0 161.6

176 77.6 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

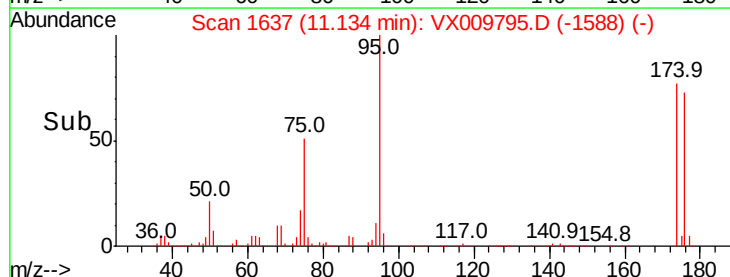
11.13

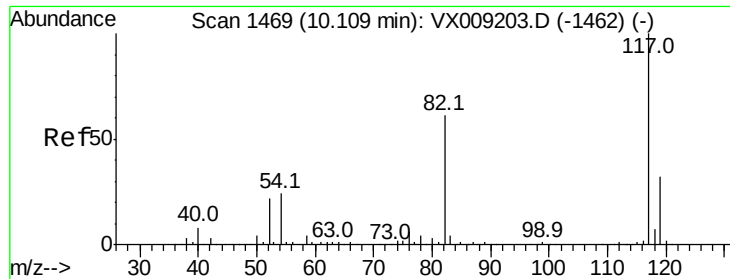
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

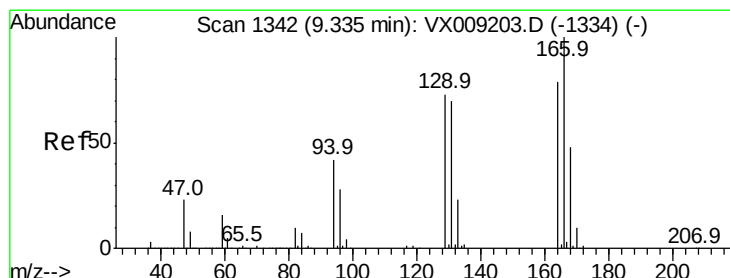
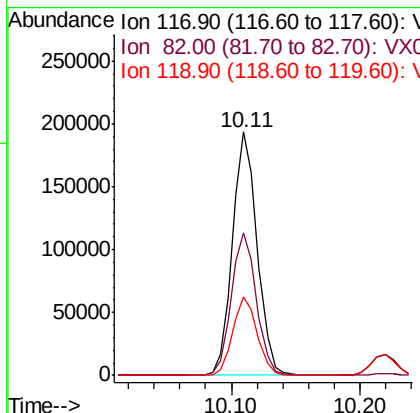
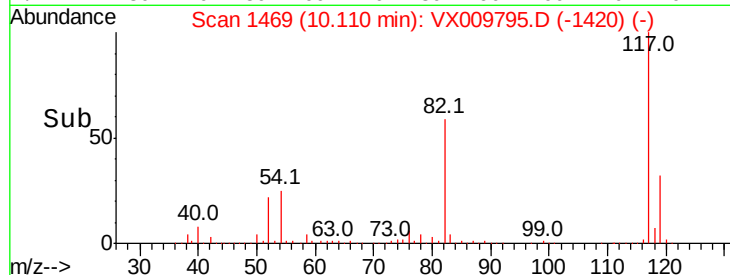
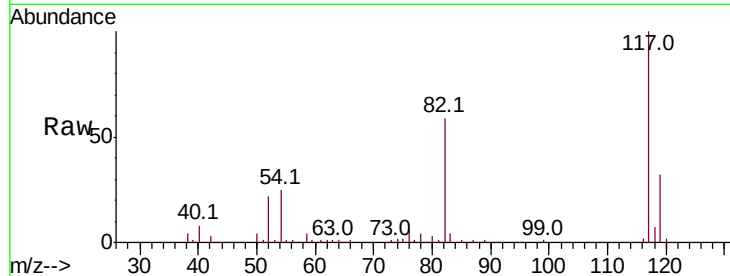
ClientSampled :

VX0522WBS01

Tot Ion:	117	Resp:	258676
Ion Ratio	Lower	Upper	
117	100		
82	58.6	48.8	73.2
119	32.5	25.8	38.6

Manual Integrations
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#64

Tetrachloroethene

Concen: 17.999 ug/l

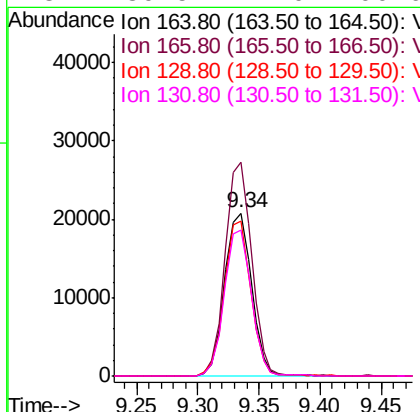
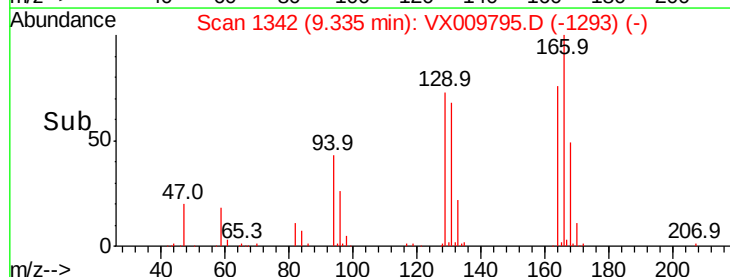
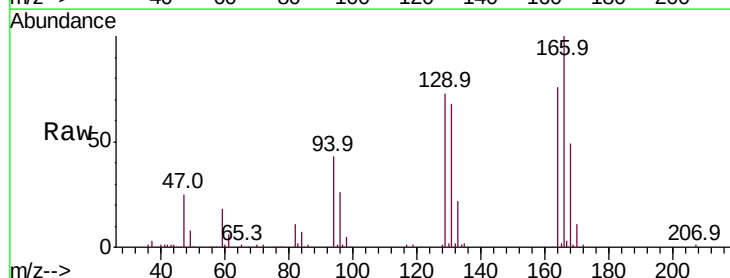
RT: 9.34 min Scan# 1342

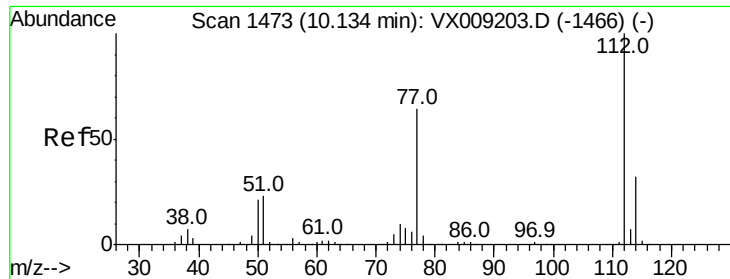
Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Tgt Ion:	164	Resp:	31938
Ion Ratio	Lower	Upper	
164	100		
166	130.9	101.2	151.8
129	95.0	74.3	111.5
131	89.5	71.0	106.6





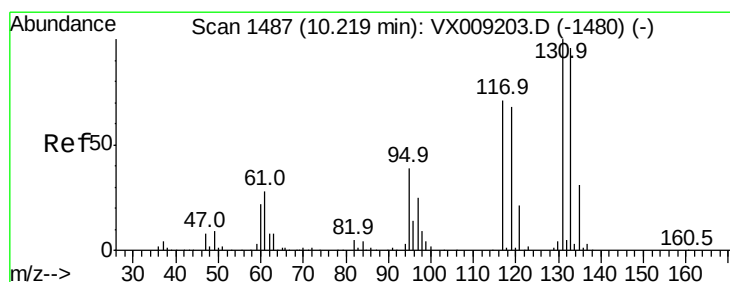
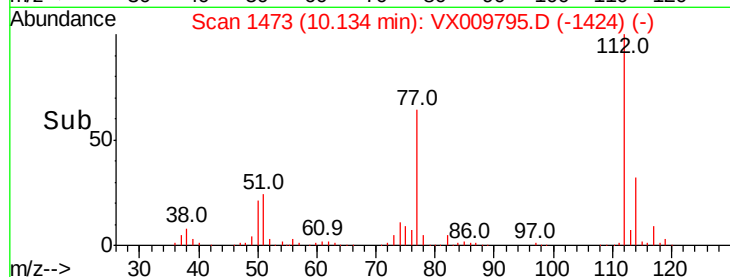
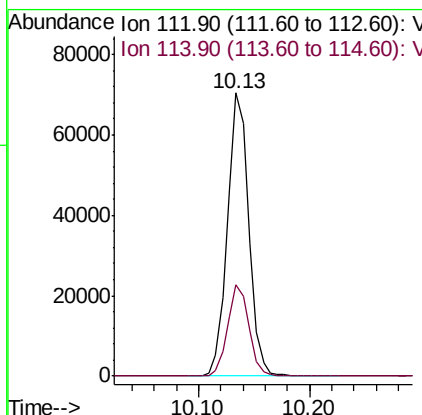
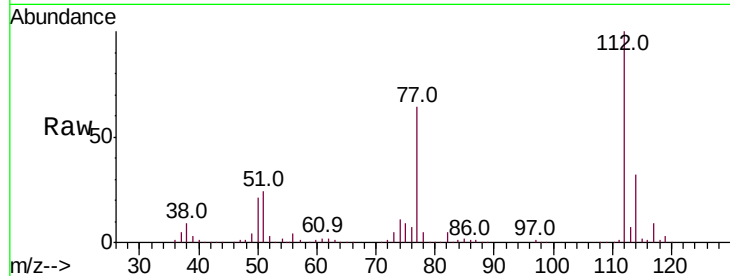
#65
Chlorobenzene
Concen: 18.051 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion:112 Resp: 93408
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

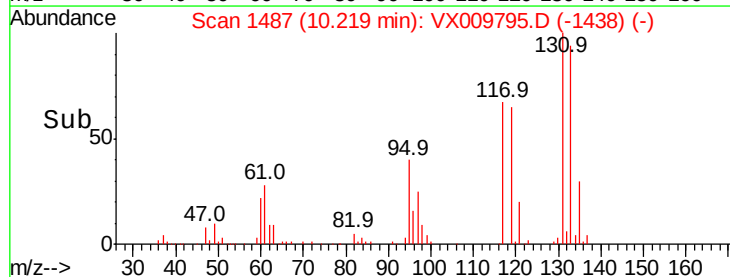
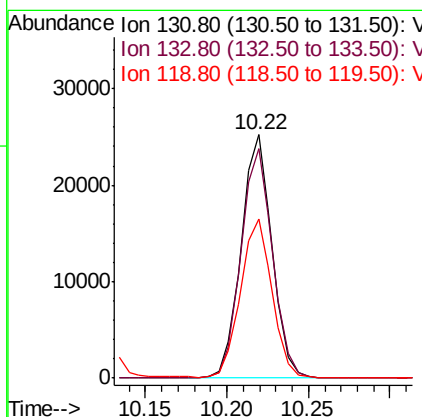
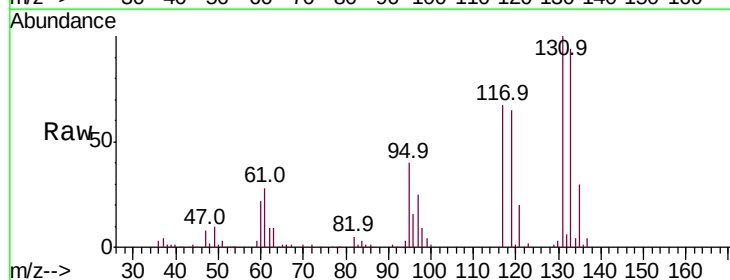
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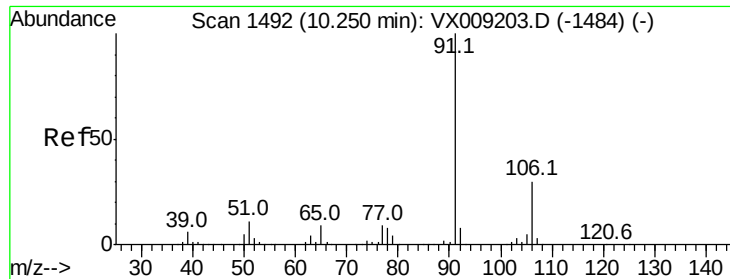
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.669 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion:131 Resp: 33148
Ion Ratio Lower Upper
131 100
133 96.6 47.7 143.1
119 67.2 33.5 100.4





#67

Ethyl Benzene

Concen: 18.294 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampled :

VX0522WBS01

Tot Ion: 91 Resp: 174217

Ion Ratio Lower Upper

91 100

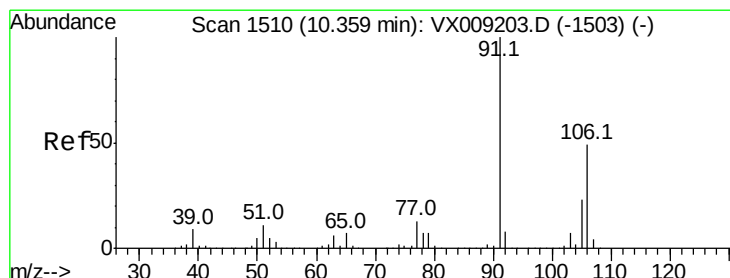
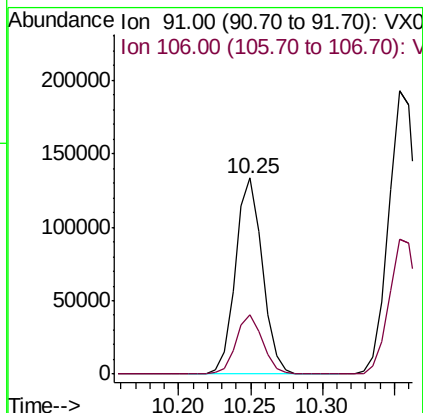
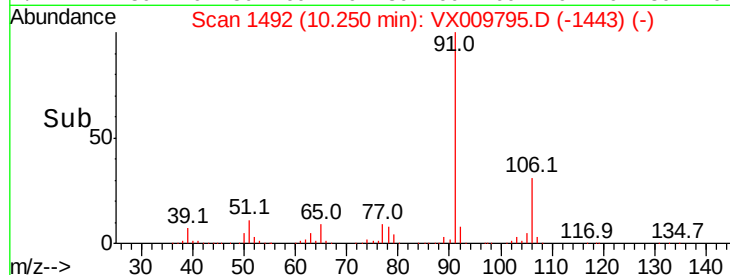
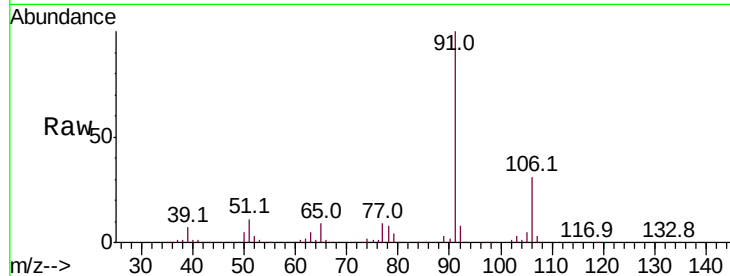
106 30.6 24.0 36.0

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#68

m/p-Xylenes

Concen: 36.629 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX009795.D

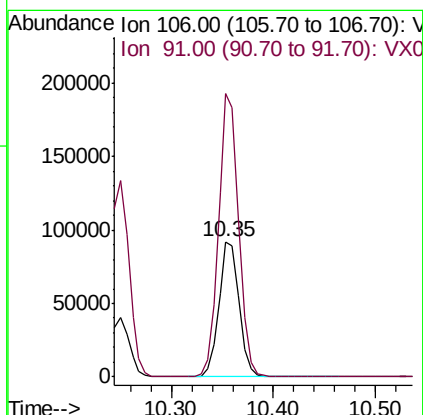
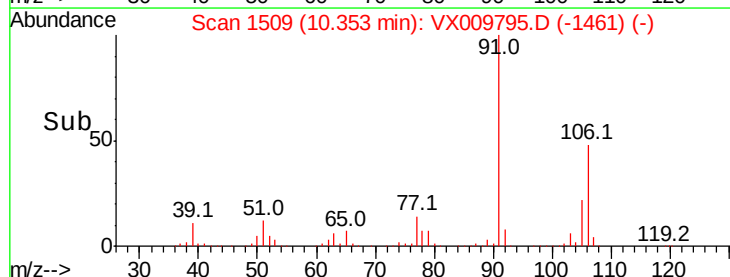
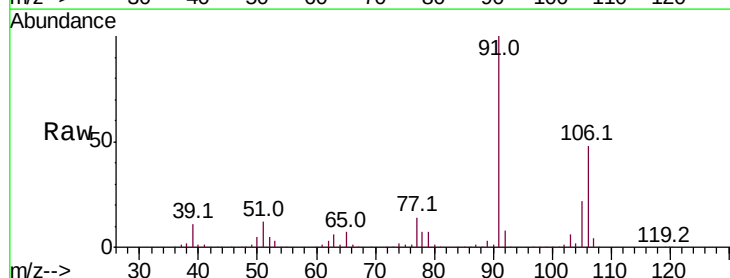
Acq: 22 May 2019 11:40

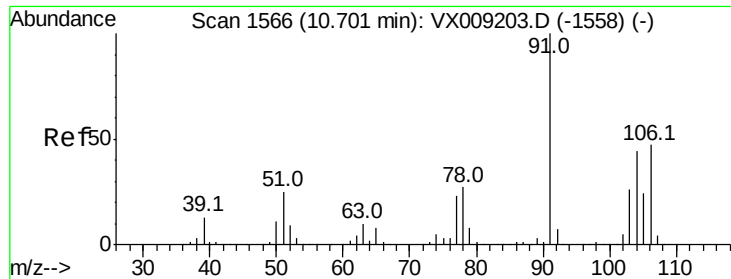
Tgt Ion: 106 Resp: 127474

Ion Ratio Lower Upper

106 100

91 209.0 164.0 246.0





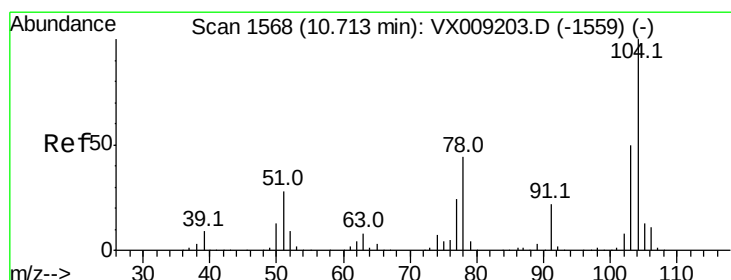
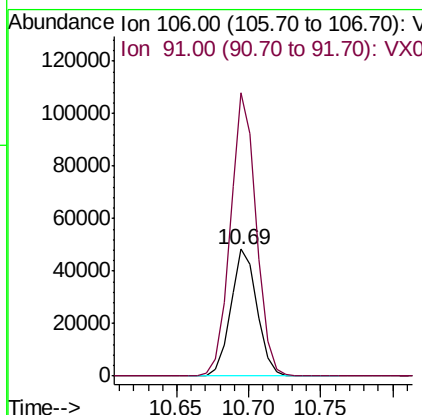
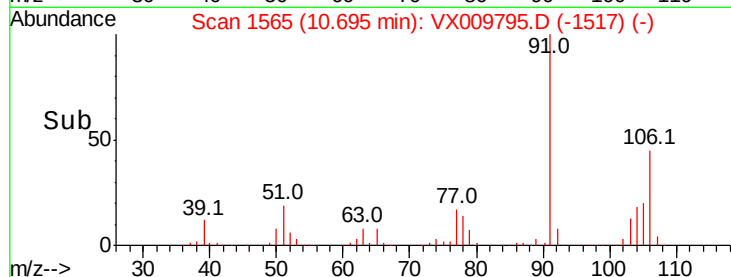
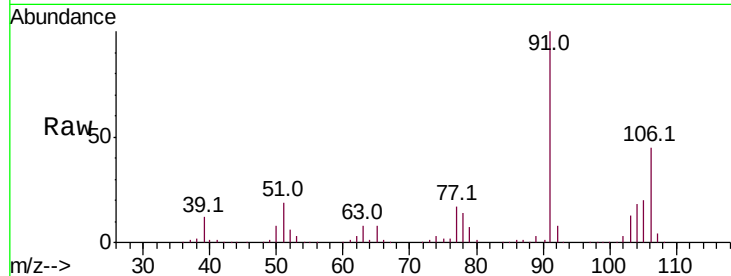
#69
o-Xylene
Concen: 18.117 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion:106 Resp: 62208
Ion Ratio Lower Upper
106 100
91 217.9 109.5 328.4

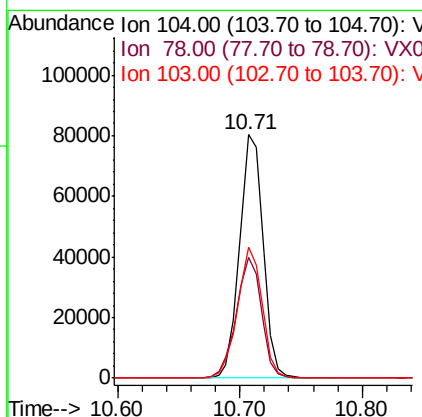
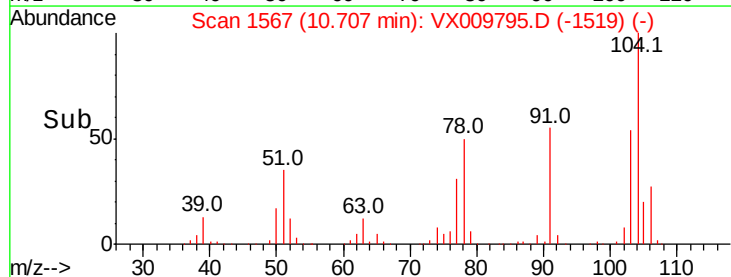
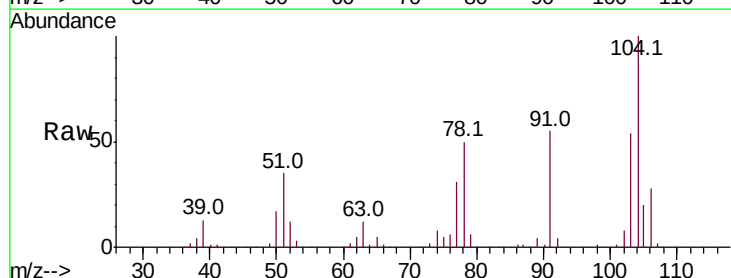
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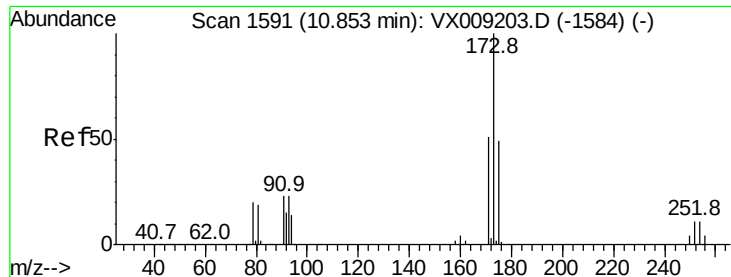
MMDadoda
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#70
Styrene
Concen: 17.909 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion:104 Resp: 106879
Ion Ratio Lower Upper
104 100
78 53.0 41.0 61.4
103 56.4 43.8 65.6





#71

Bromoform

Concen: 16.836 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampled :

VX0522WBS01

Tot Ion:173 Resp: 25667

Ion Ratio Lower Upper

173 100

175 49.7 24.5 73.5

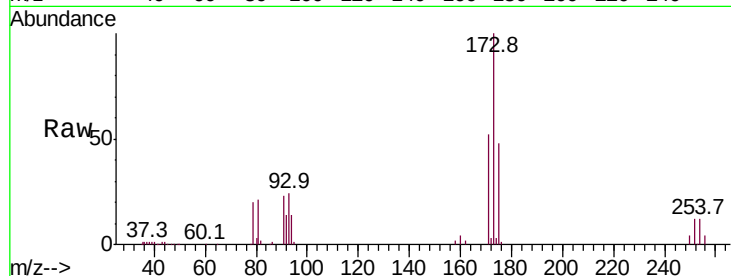
254 0.0 0.1 0.1#

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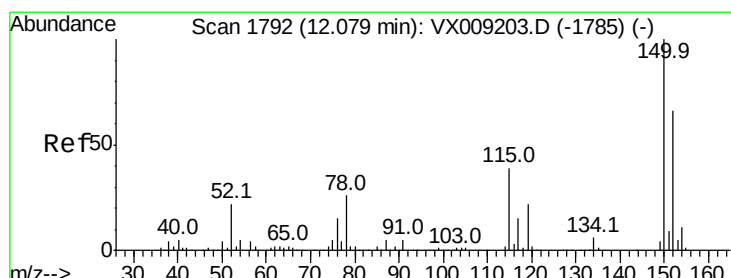
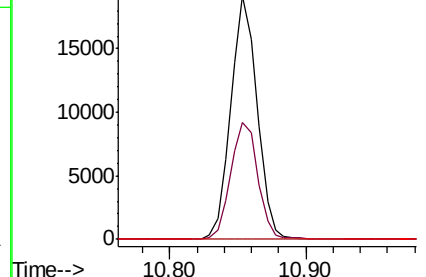
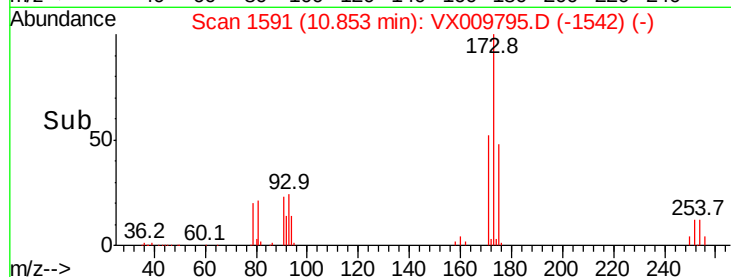
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

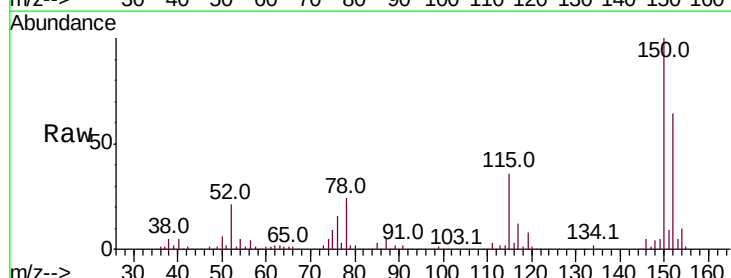
Tgt Ion:152 Resp: 129470

Ion Ratio Lower Upper

152 100

115 66.5 41.2 123.6

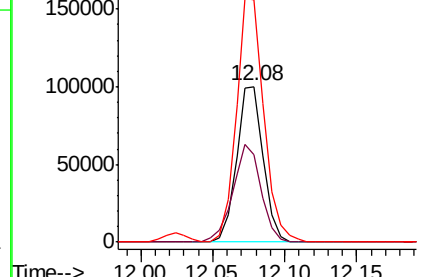
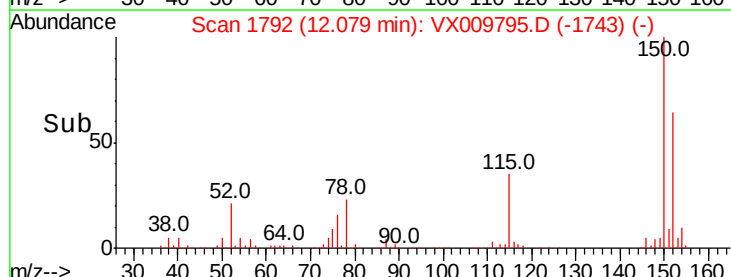
150 161.5 0.0 346.4

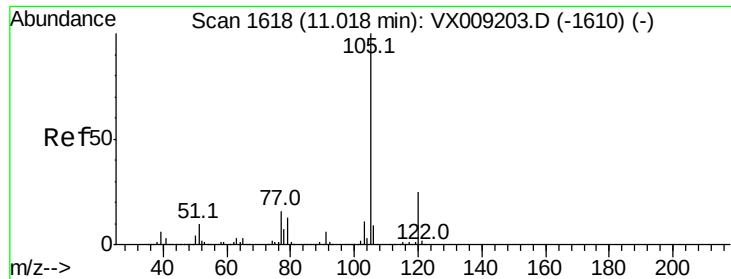


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





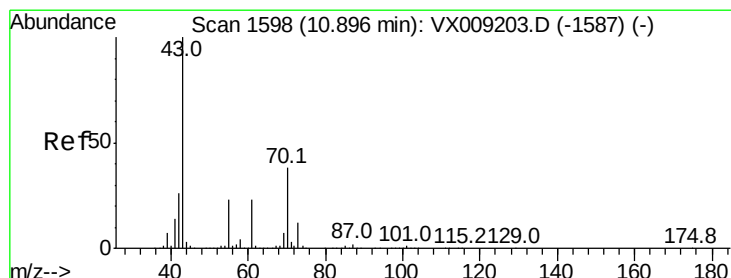
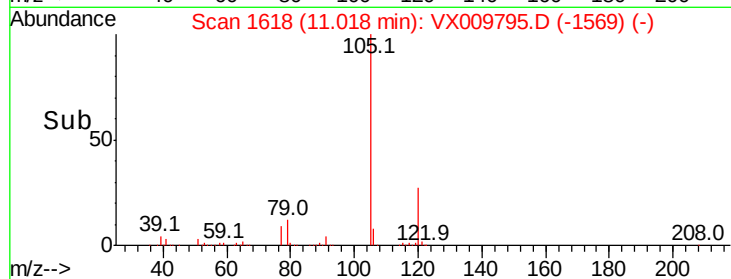
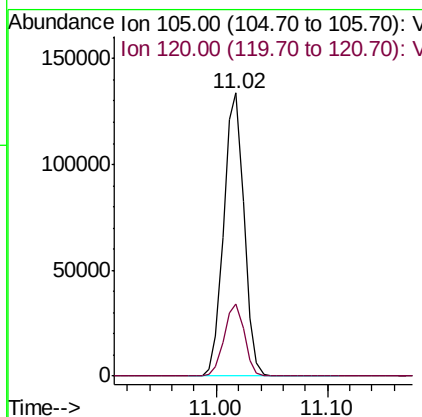
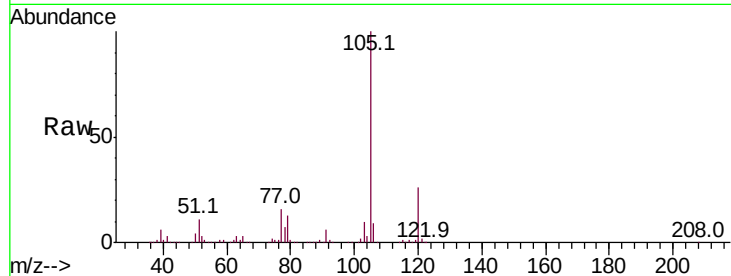
#73
Isopropylbenzene
Concen: 17.973 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.3

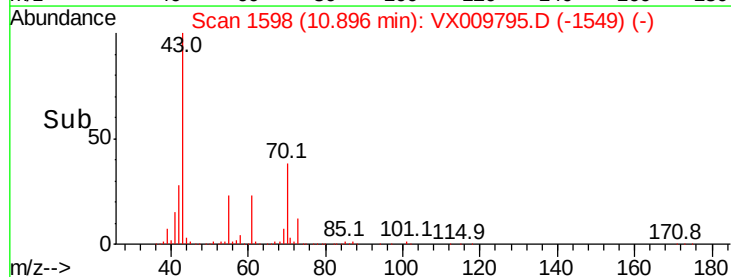
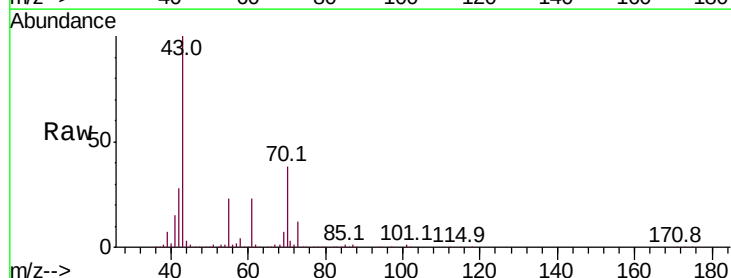
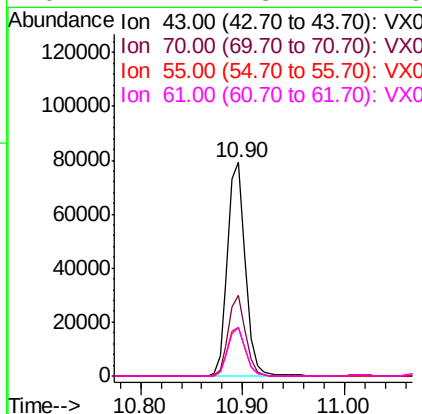
Manual Integrations
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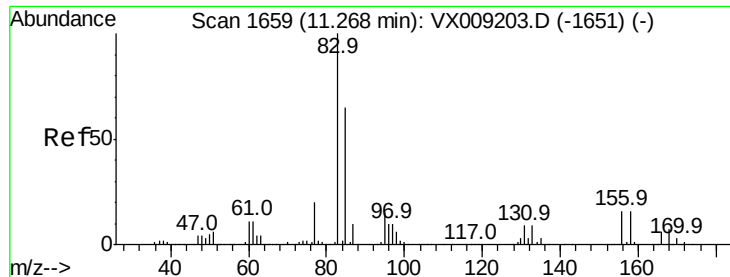
MMDadoda
5/23/2019 10:43:58 AM



#74
N-ethyl acetate
Concen: 17.349 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.6	30.0	45.0
55	23.1	17.9	26.9
61	22.2	18.4	27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.188 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

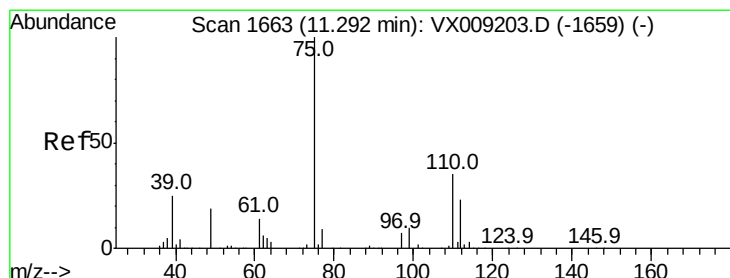
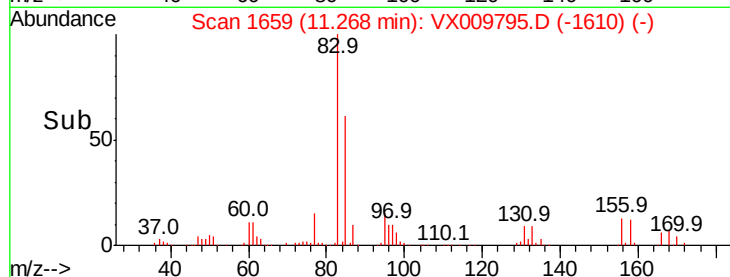
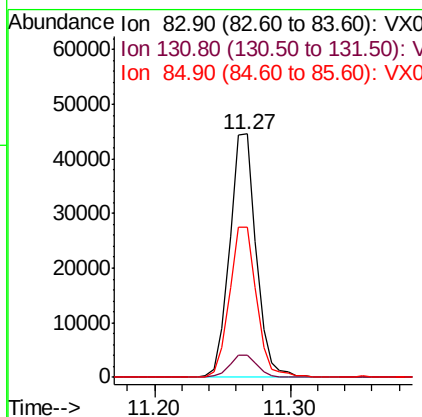
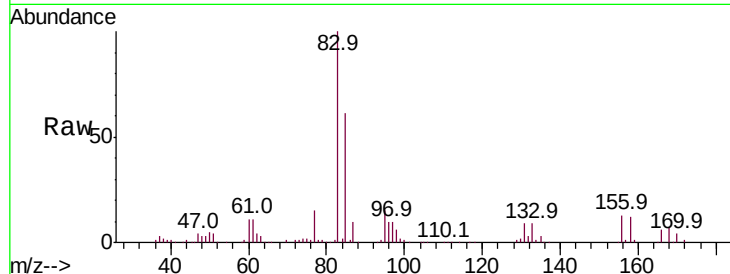
ClientSampleId :

VX0522WBS01

Tot Ion:	83	Resp:	60327
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.6	13.8
85	63.0	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 17.824 ug/l m

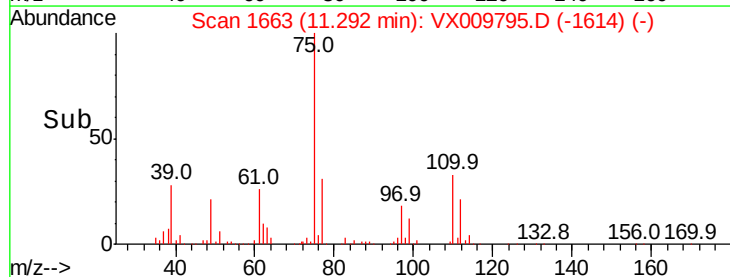
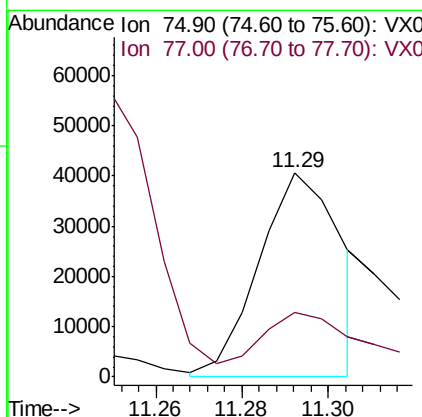
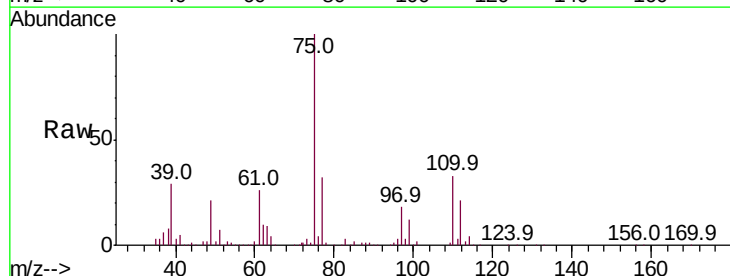
RT: 11.29 min Scan# 1663

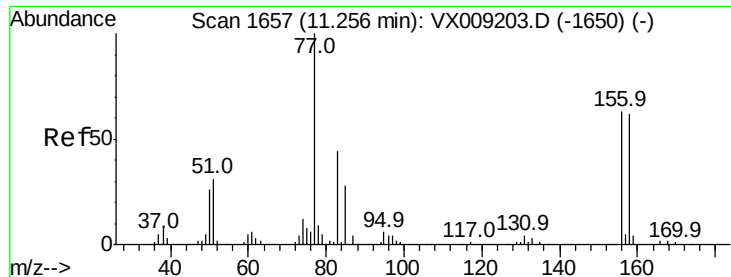
Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Tgt Ion:	75	Resp:	53531
Ion Ratio	Lower	Upper	
75	100		
77	41.6	22.1	66.1





#77

Bromobenzene

Concen: 17.764 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

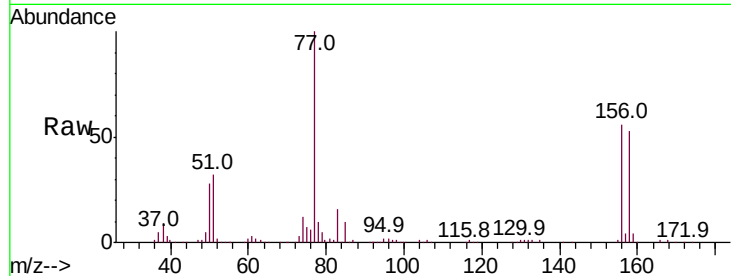
ClientSampleId :

VX0522WBS01

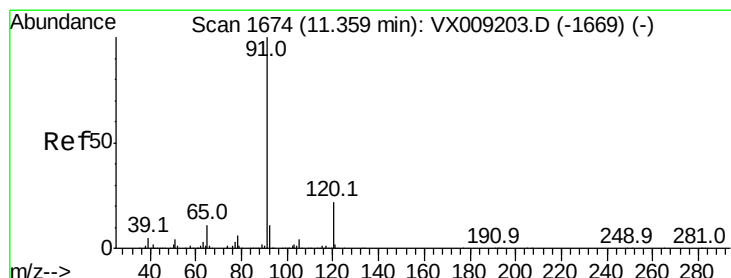
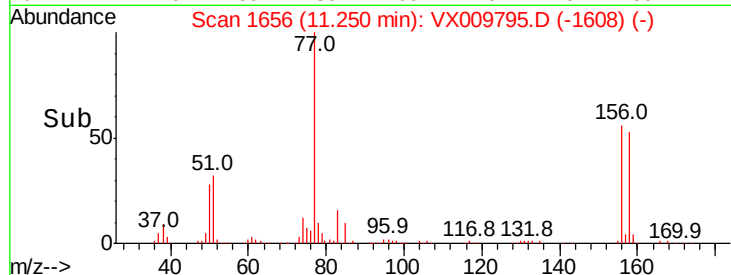
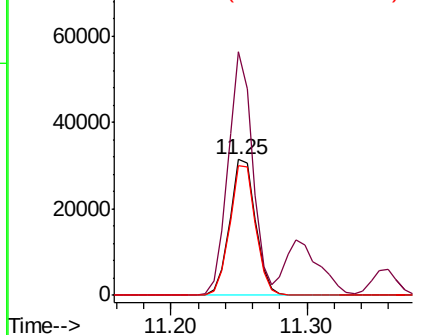
Tot Ion:	156	Resp:	41512
Ion	Ratio	Lower	Upper
156	100		
77	169.7	84.8	254.3
158	95.0	49.1	147.3

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.116 ug/l

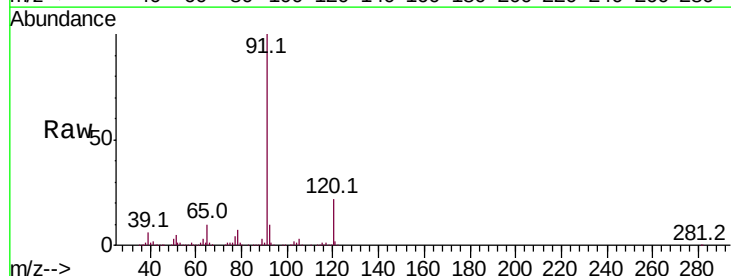
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

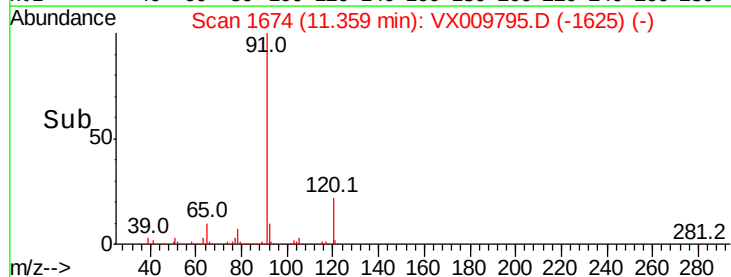
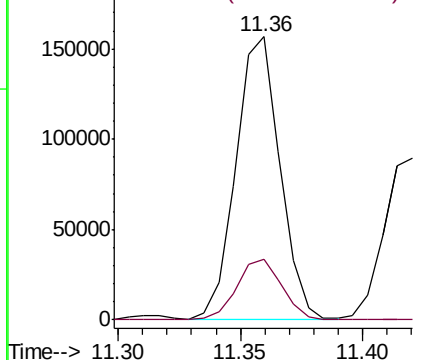
Lab File: VX009795.D

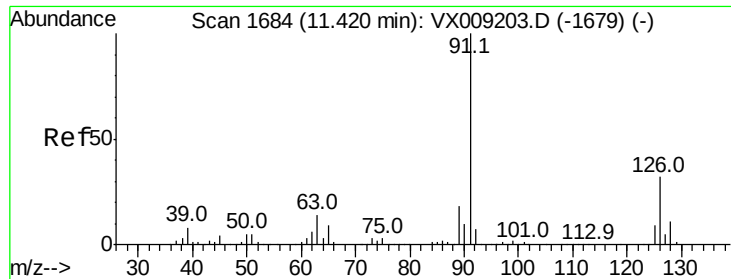
Acq: 22 May 2019 11:40

Tgt Ion:	91	Resp:	194786
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.333 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tot Ion: 91 Resp: 114978

Ion Ratio Lower Upper

91 100

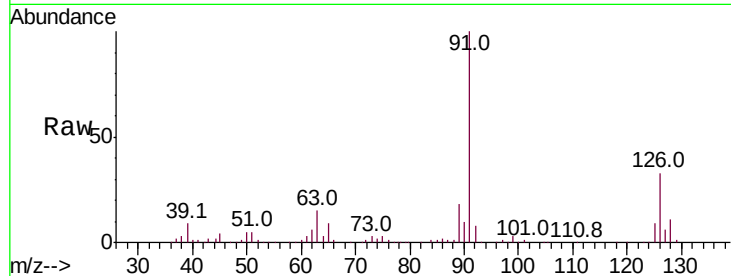
126 32.7 16.3 48.9

Manual Integrations

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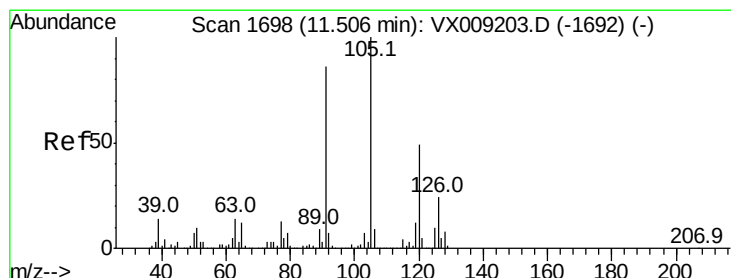
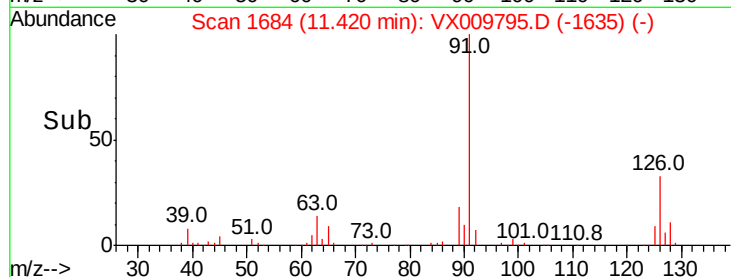
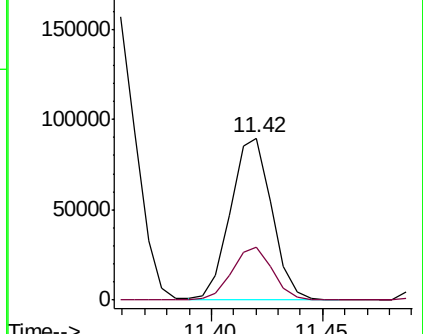
MMDadoda

5/23/2019 10:43:58 AM



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: 17.989 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009795.D

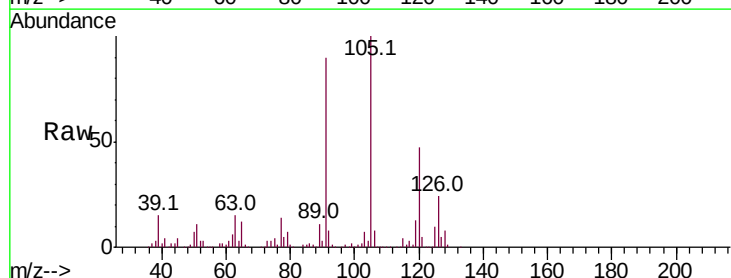
Acq: 22 May 2019 11:40

Tgt Ion:105 Resp: 142605

Ion Ratio Lower Upper

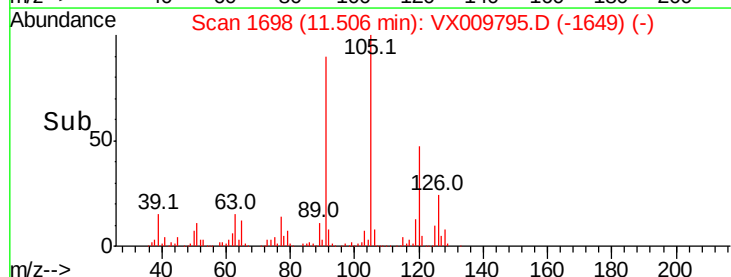
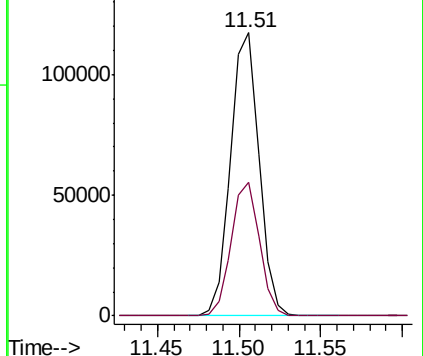
105 100

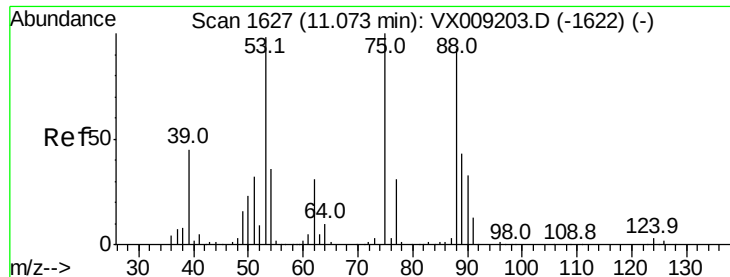
120 47.0 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





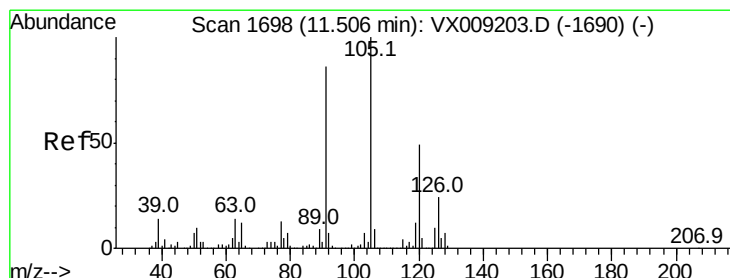
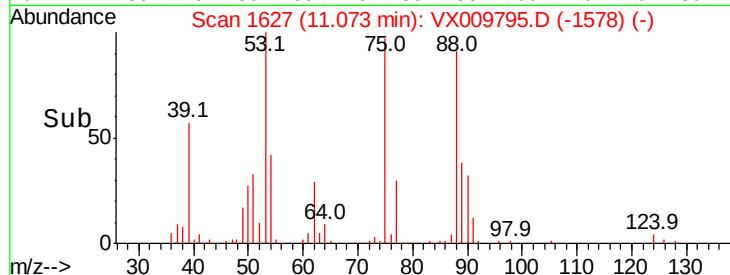
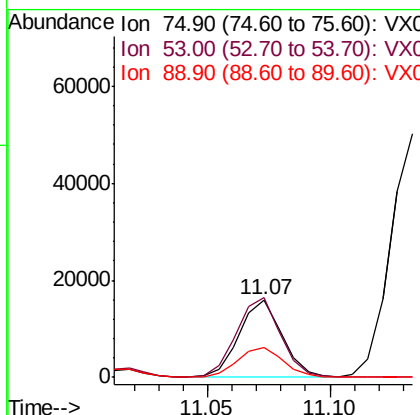
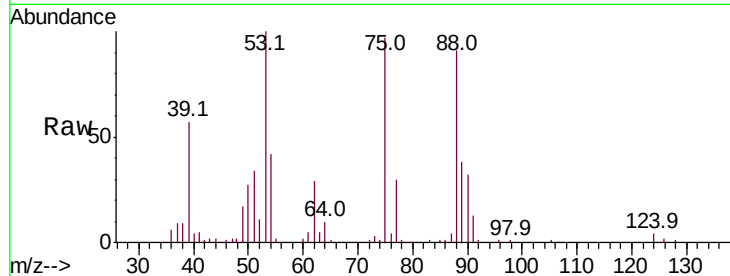
#81
trans-1,4-Dichloro-2-butene
Concen: 16.422 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion: 75 Resp: 19276
Ion Ratio Lower Upper
75 100
53 106.4 79.0 118.6
89 42.2 34.7 52.1

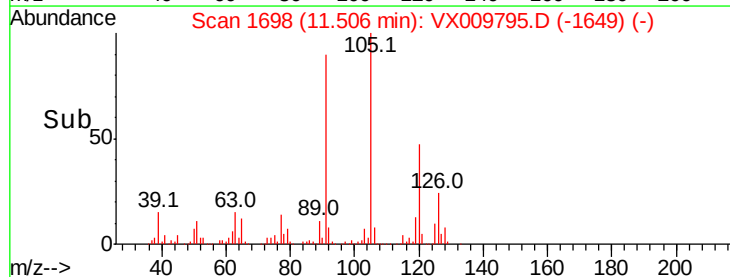
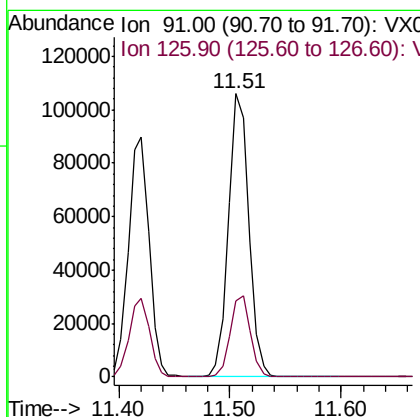
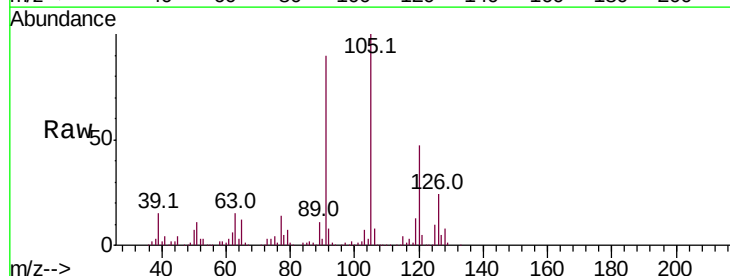
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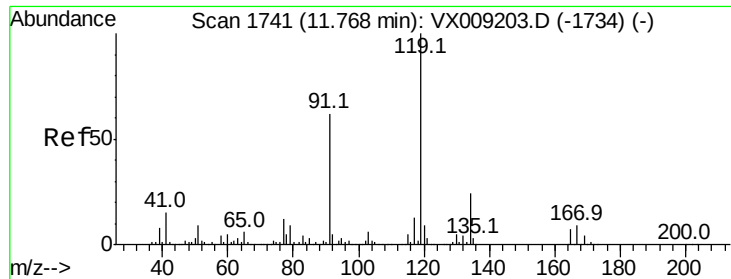
MMDadoda
5/23/2019 10:43:58 AM



#82
4-Chlorotoluene
Concen: 17.942 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion: 91 Resp: 134459
Ion Ratio Lower Upper
91 100
126 28.2 14.5 43.6





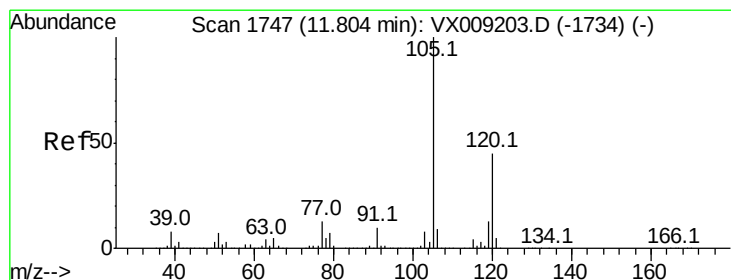
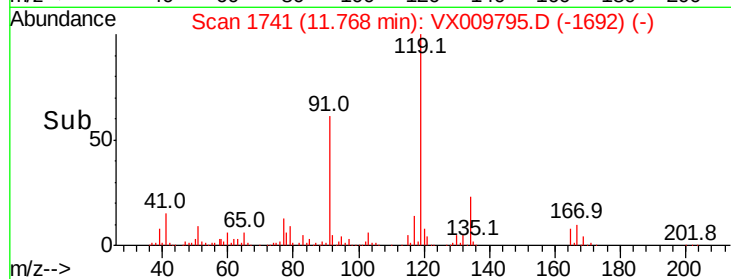
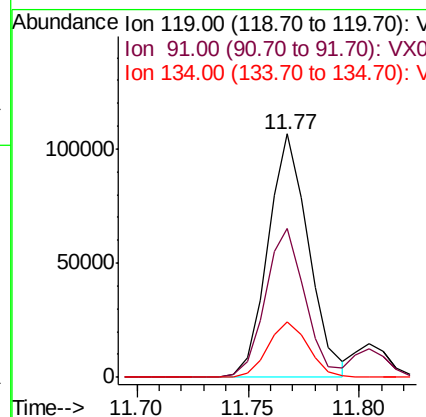
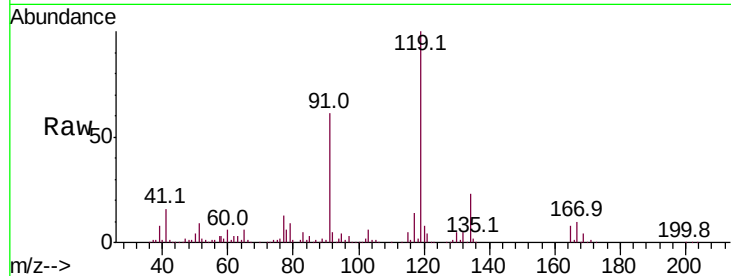
#83
tert-Butylbenzene
Concen: 17.463 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampled :
VX0522WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100			
91	60.1	29.5	88.5	
134	22.7	11.4	34.1	

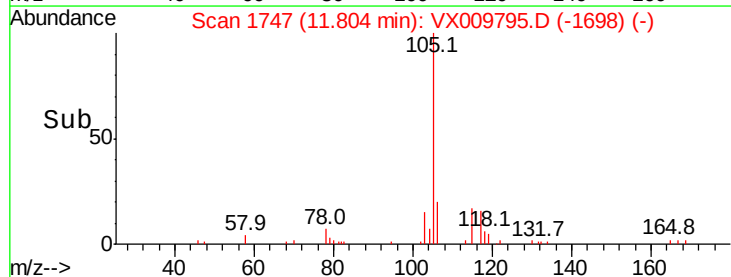
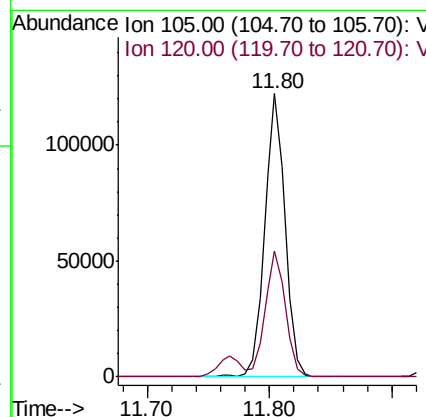
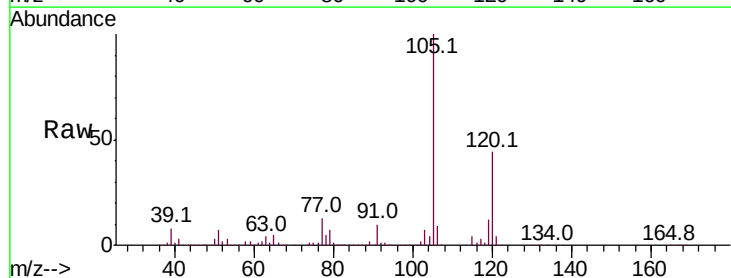
Manual Integrations
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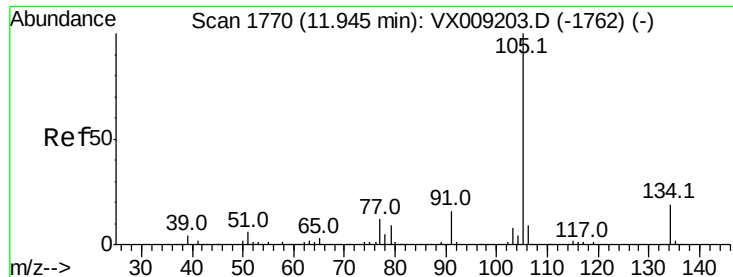
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 17.914 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
120	44.2	22.0	66.0	





#85

sec-Butylbenzene

Concen: 17.984 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

Instrument :

MSVOA_X

ClientSampled :

VX0522WBS01

Tot Ion:105 Resp: 164428

Ion Ratio Lower Upper

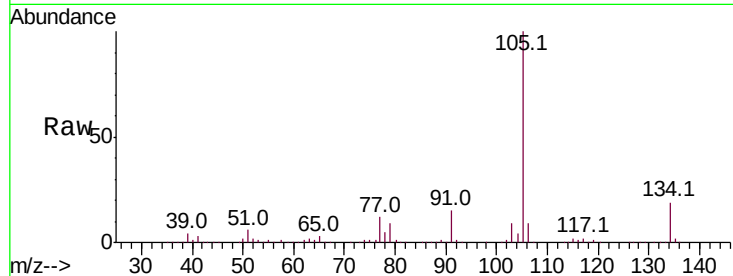
105 100

134 19.2 9.7 28.9

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

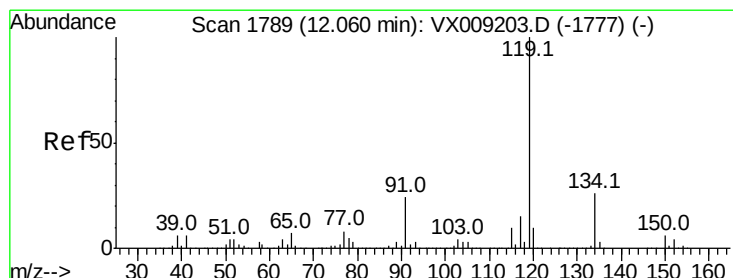
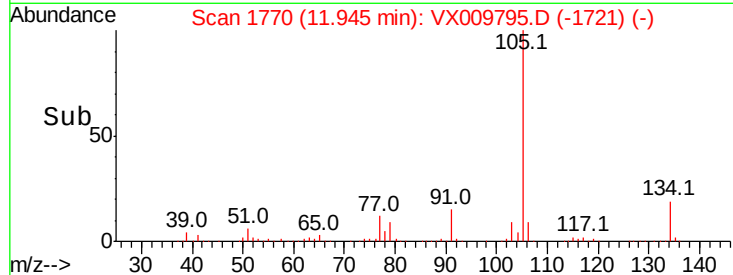
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.986 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009795.D

Acq: 22 May 2019 11:40

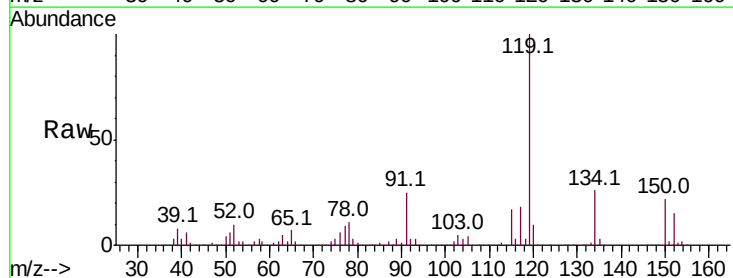
Tgt Ion:119 Resp: 147830

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 24.3 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

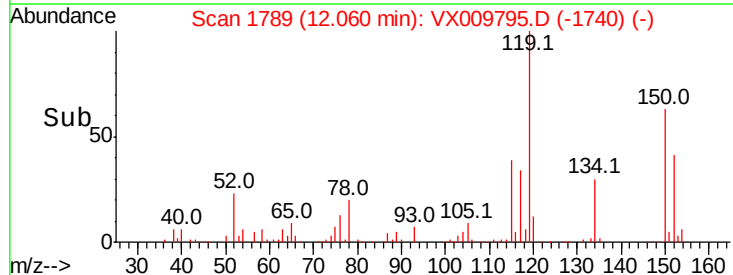
150000

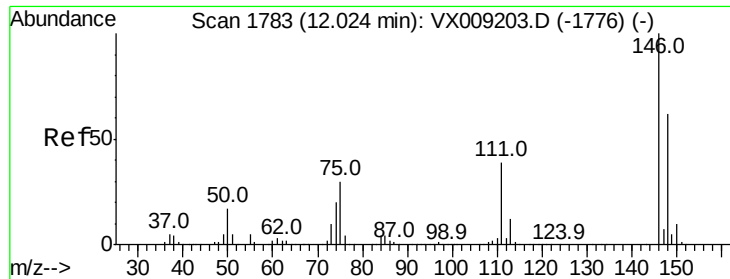
100000

50000

0

Time-->





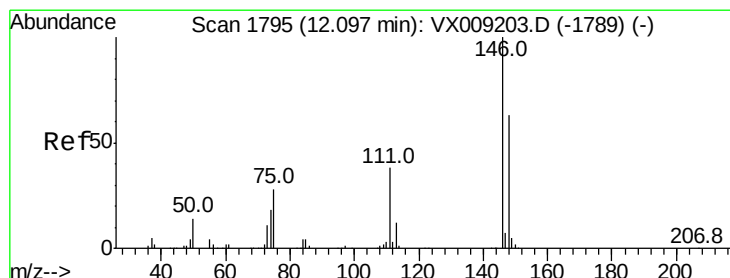
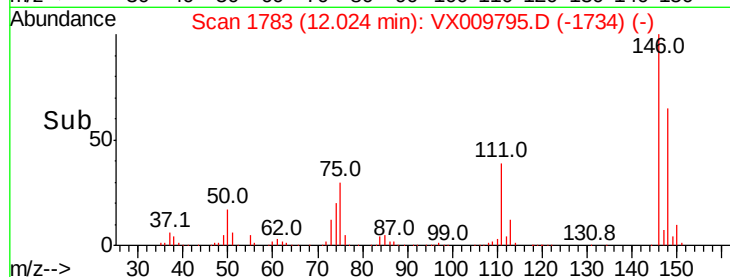
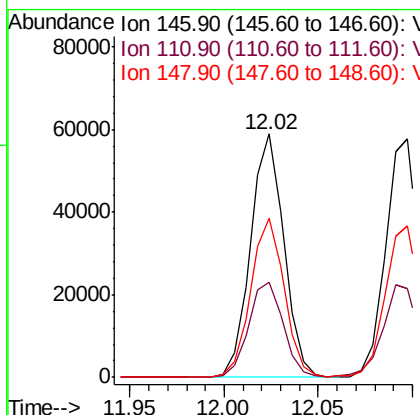
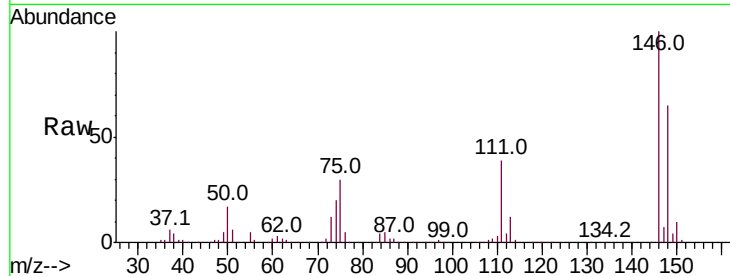
#87
 1,3-Dichlorobenzene
 Concen: 17.383 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	59.9
148	65.6	31.8	95.3

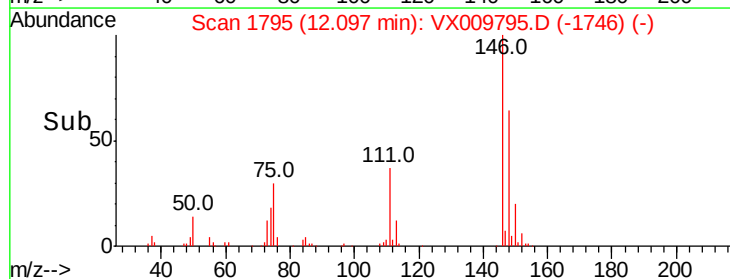
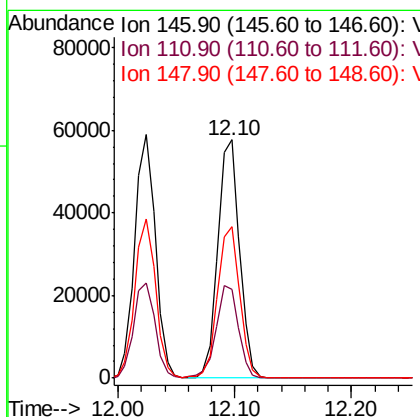
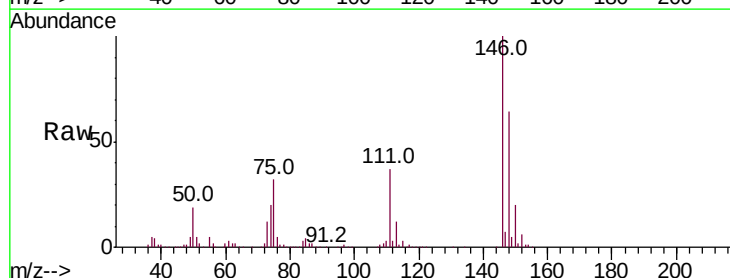
Manual Integrations
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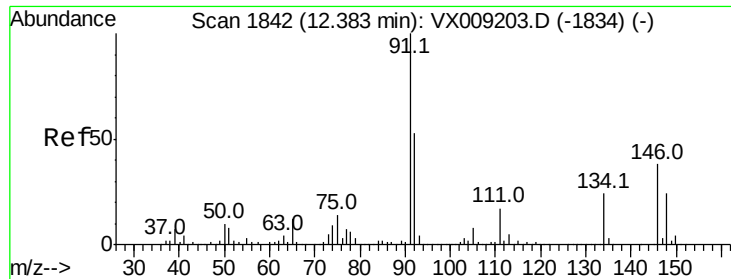
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#88
 1,4-Dichlorobenzene
 Concen: 17.580 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.8
148	64.9	31.8	95.3





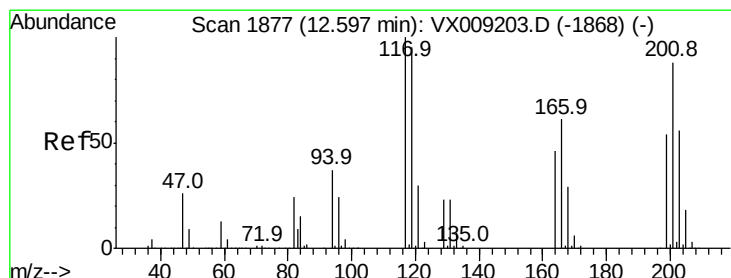
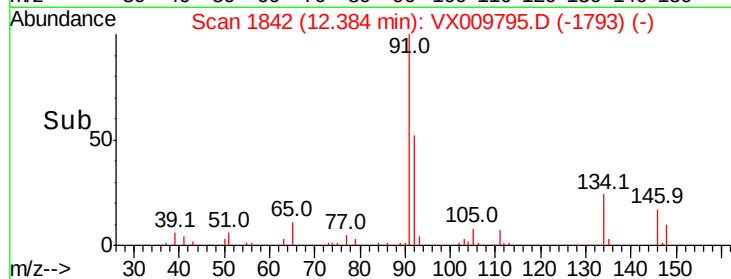
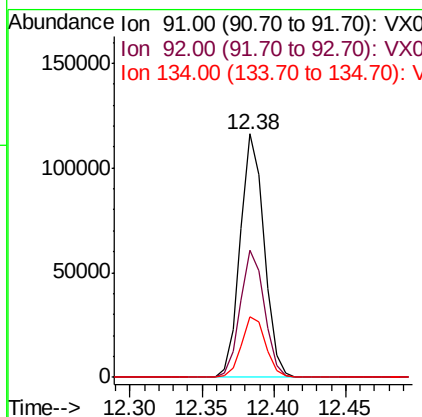
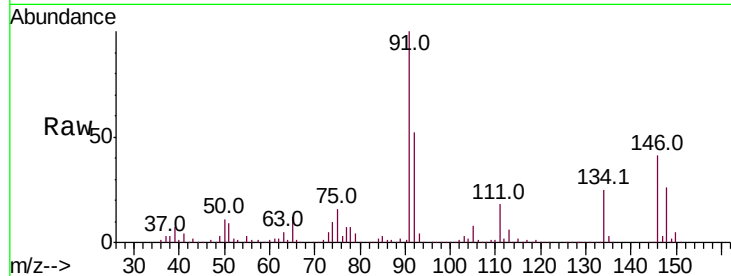
#89
n-Butylbenzene
Concen: 18.116 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.8	26.5	79.5	
134	24.9	12.4	37.2	

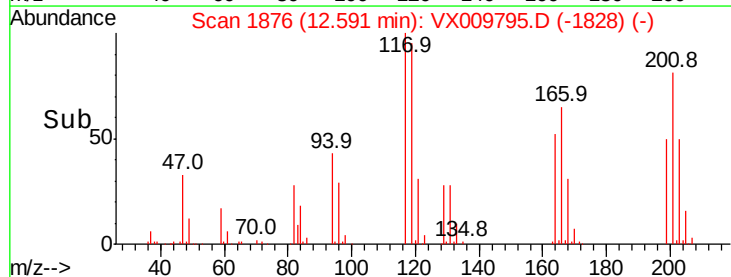
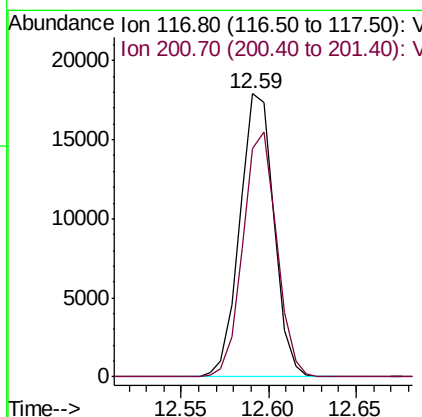
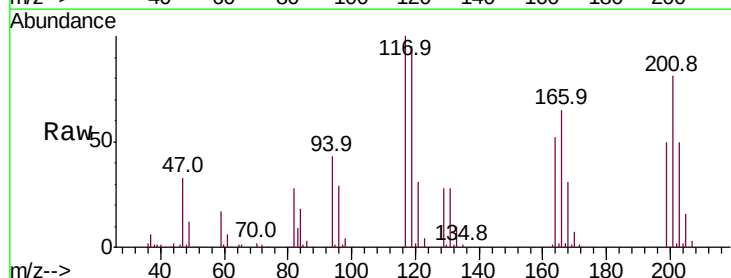
Manual Integrations
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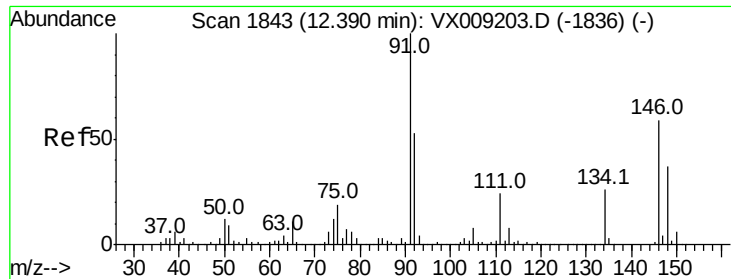
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5/23/2019 10:43:58 AM



#90
Hexachloroethane
Concen: 17.312 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	85.5	42.3	126.9	





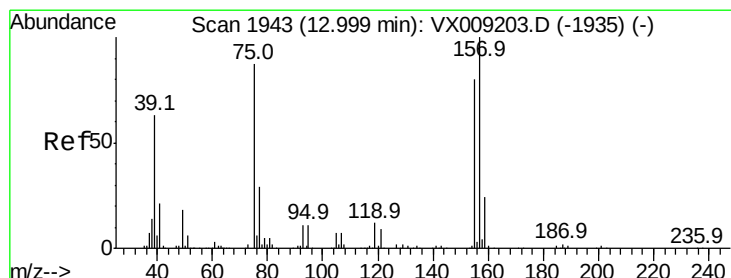
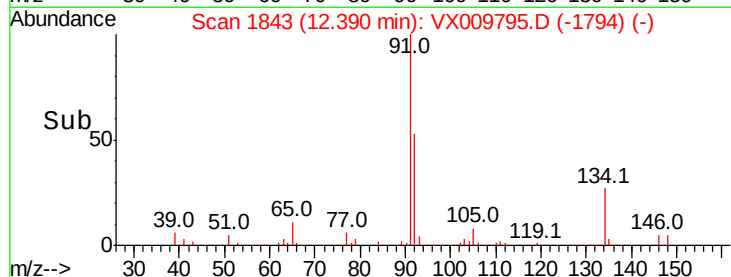
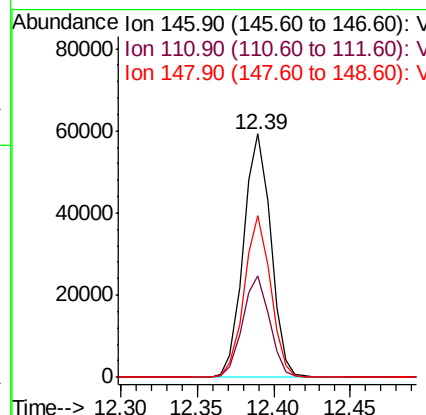
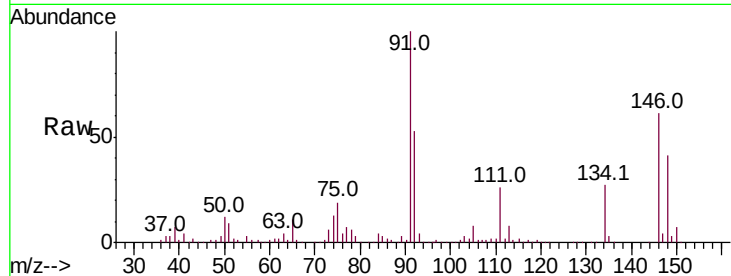
#91
 1,2-Dichlorobenzene
 Concen: 17.310 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.4
148	64.4	31.9	95.9

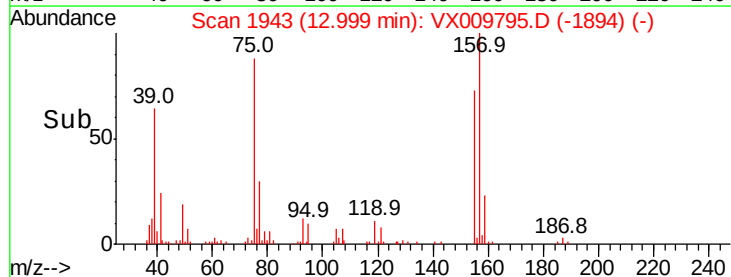
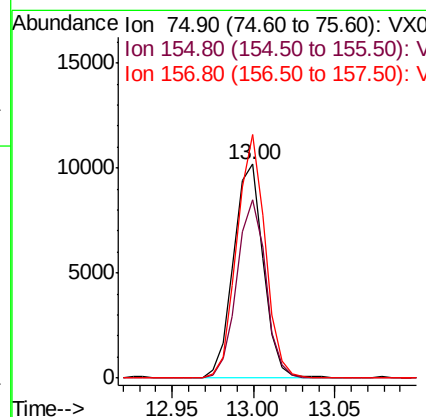
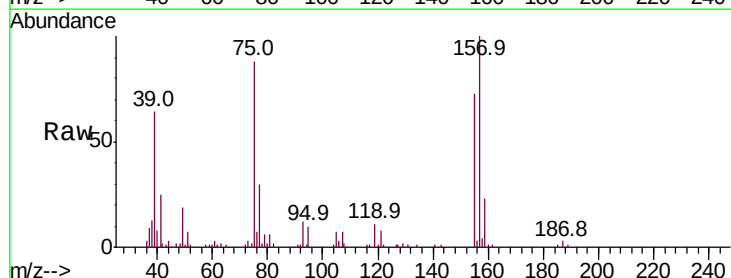
Manual Integrations
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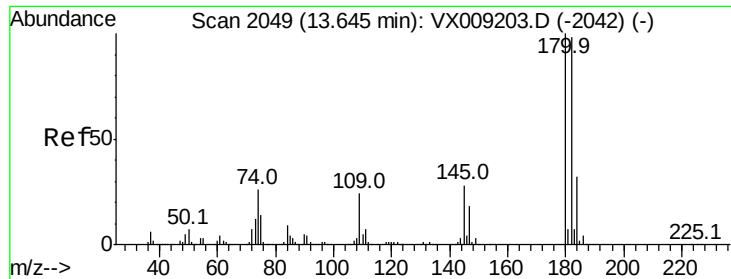
MMDadoda
 5/23/2019 10:43:58 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.471 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	42.0	126.0
157	107.5	53.2	159.6





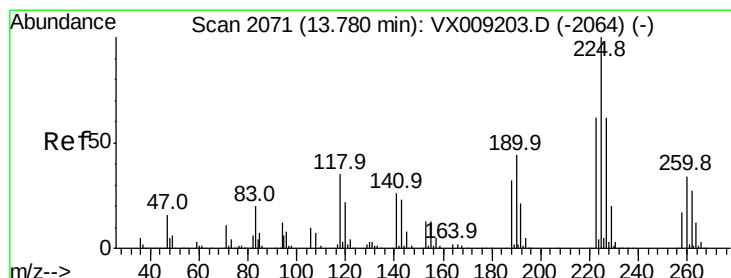
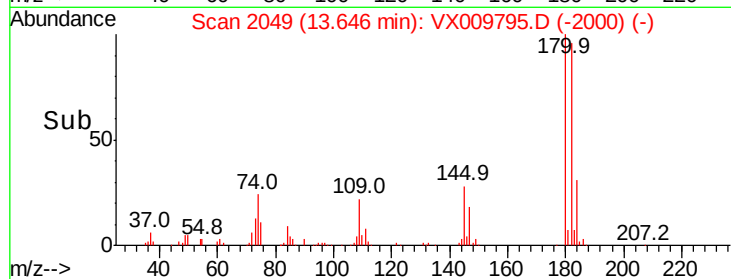
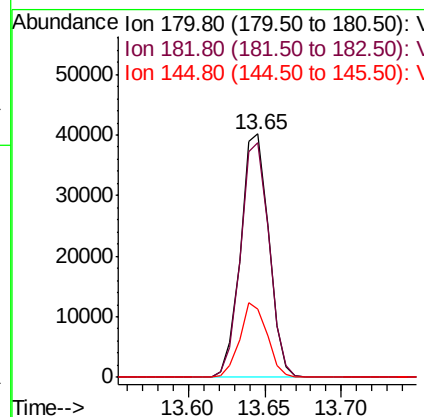
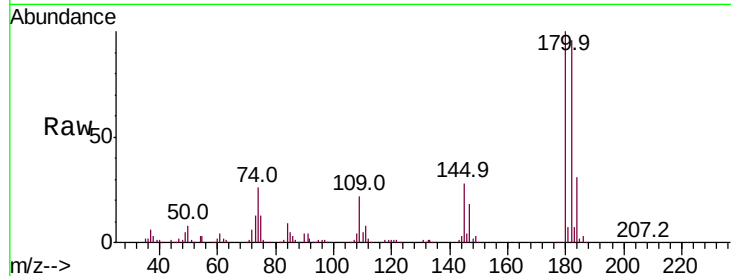
#93
 1,2,4-Trichlorobenzene
 Concen: 17.782 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampled :
 VX0522WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.7	48.4	145.2	
145	29.6	14.6	43.8	

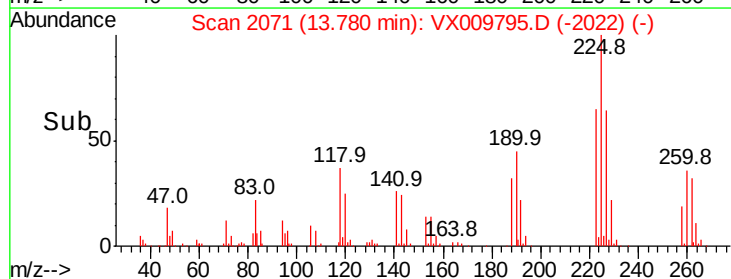
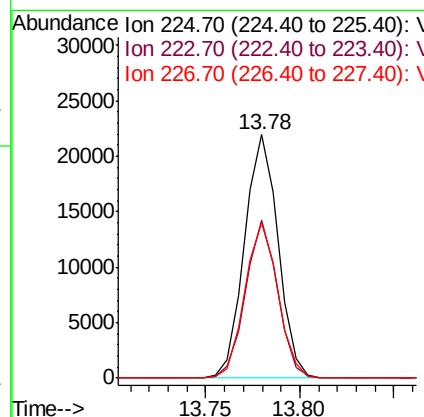
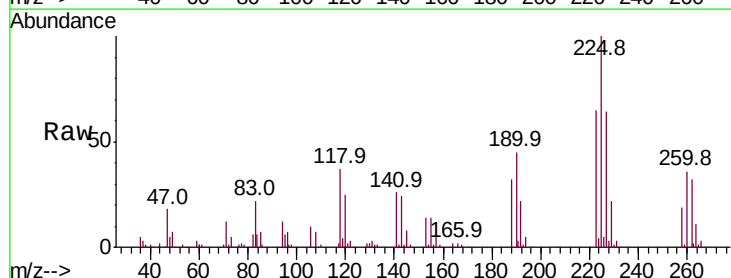
Manual Integrations
 APPROVED

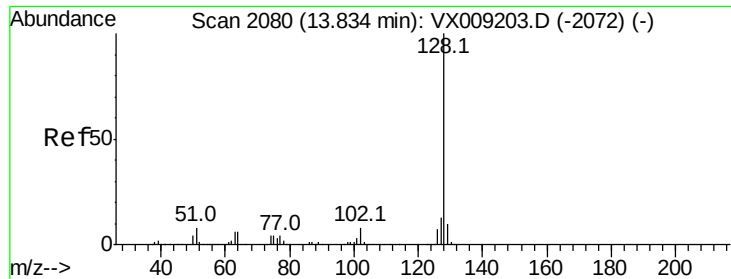
MMDadoda
 5/23/2019 10:43:58 AM



#94
 Hexachlorobutadiene
 Concen: 18.319 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009795.D
 Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	31.3	93.8	
227	62.7	31.8	95.3	





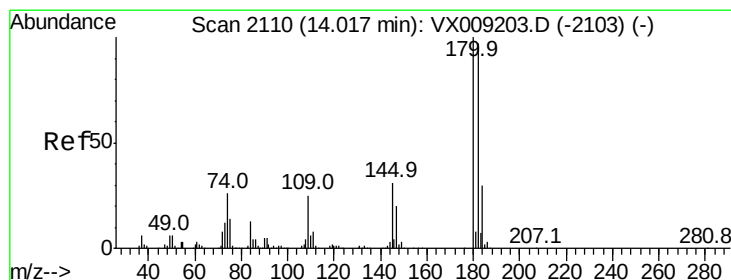
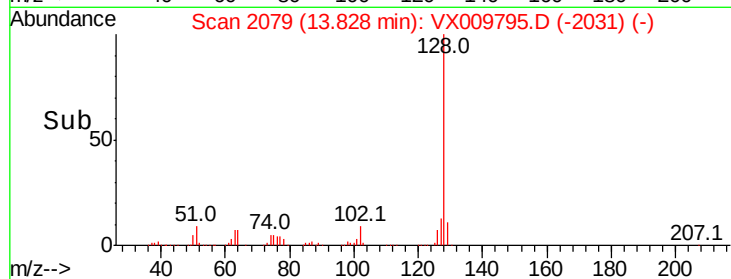
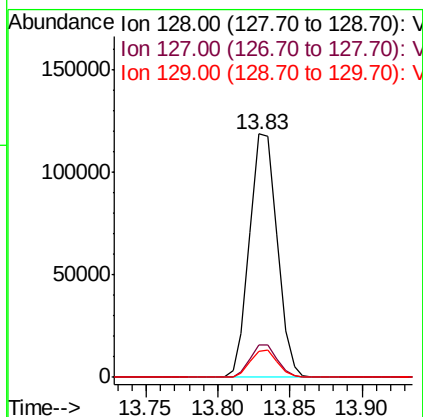
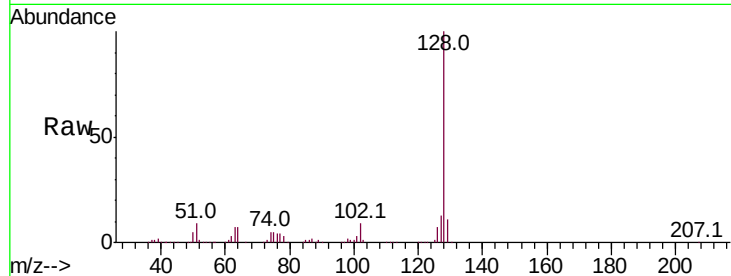
#95
Naphthalene
Concen: 16.715 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	157791		
127	13.2		10.4	15.6
129	11.0		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:43:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.774 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009795.D
Acq: 22 May 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	52276		
182	94.9		47.8	143.4
145	31.1		15.4	46.4

